



GRAN SASSO ACQUA S.p.A.

Via Ettore Moschino, 23/B
67100 L'AQUILA (AQ)

**PNRR – M2C4 I4.4 – Potenziamento depuratore di Scoppito e parte dell'Aquila Ovest -
CUP:B15H22001110005**

PROGETTO DI FATTIBILITA' TECNICA ED ECONOMICA

PROGETTISTA:



**C.&S. DI GIUSEPPE
INGEGNERI ASSOCIATI S.r.l.**
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ISO 9001:2015 cert. n. IT307326-1

ISO 14001:2015 cert. n. IT307902

ISO 45001:2018 cert. n. IT307900

COMMITTENTE:



IL PRESIDENTE:
Dott. Alessandro Piccinini
RESPONSABILE UNICO DEL PROCEDIMENTO
Dott. Ing. Alessandra MARONO
DIRETTORE DELL'ESECUZIONE DEL CONTRATTO
Dott. Ing. Alessandra MARONO

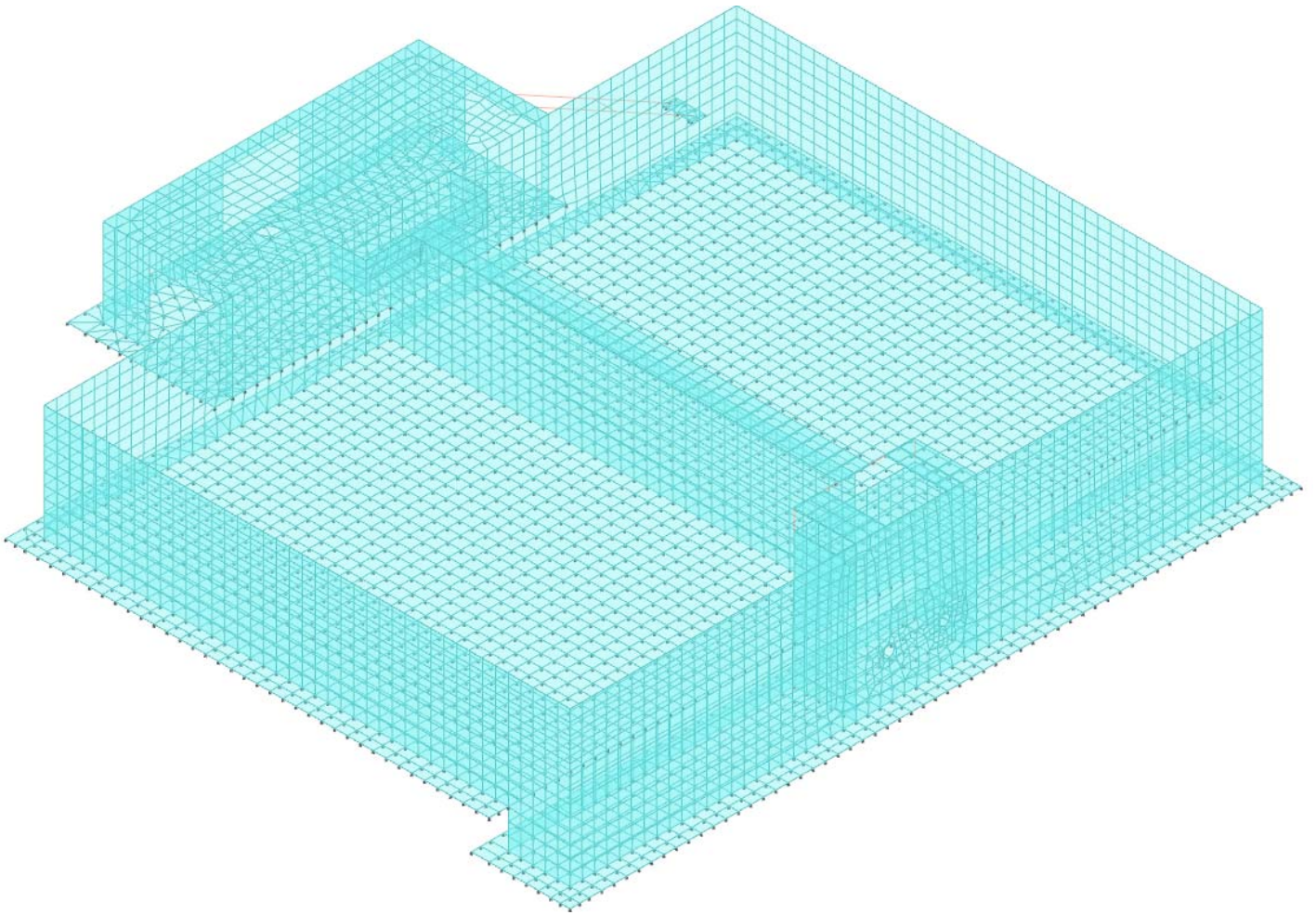
ELABORATI SPECIALISTICI TABULATI DI CALCOLO STRUTTURALE

Elaborato n°	Codice elaborato	Numero di Pagine
3.4	905PFTE03040000_00	503

Rev	Data	Descrizione/Modifica	Redatto	Verificato	Approvato
00	Sett. 2023	PRIMA EMISSIONE	Ing. Simone SCIARRA	Ing. Evandro SERAFINI	Ing. Berardo GIANGIULIO

MODELLO FEM

1 Rappresentazione del modello



Modello
Vista assometrica del modello ad elementi finiti.

2 Dati di modellazione

2.1 Nodi

2.1.1 Nodi di definizione

Indice: numero dell'elemento nell'insieme che lo contiene.

Posizione: coordinate del nodo.

X: coordinata X. [m]

Y: coordinata Y. [m]

Z: coordinata Z. [m]

Indice	Posizione			Indice	Posizione			Indice	Posizione			Indice	Posizione		
	X	Y	Z		X	Y	Z		X	Y	Z		X	Y	Z
2	-0.5	-0.5	-2.6	3	-0.125	-0.5	-2.6	4	0.25	-0.5	-2.6	5	0.735	-0.5	-2.6
6	1.22	-0.5	-2.6	7	1.704	-0.5	-2.6	8	2.189	-0.5	-2.6	9	2.674	-0.5	-2.6
10	3.159	-0.5	-2.6	11	3.643	-0.5	-2.6	12	4.128	-0.5	-2.6	13	4.613	-0.5	-2.6
14	5.098	-0.5	-2.6	15	5.583	-0.5	-2.6	16	6.067	-0.5	-2.6	17	6.552	-0.5	-2.6
18	7.037	-0.5	-2.6	19	7.522	-0.5	-2.6	20	8.007	-0.5	-2.6	21	8.491	-0.5	-2.6
22	8.976	-0.5	-2.6	23	9.461	-0.5	-2.6	24	9.946	-0.5	-2.6	25	10.43	-0.5	-2.6
26	10.915	-0.5	-2.6	27	11.4	-0.5	-2.6	28	11.87	-0.5	-2.6	29	12.34	-0.5	-2.6
30	12.81	-0.5	-2.6	31	13.28	-0.5	-2.6	32	13.75	-0.5	-2.6	33	14.22	-0.5	-2.6
34	14.69	-0.5	-2.6	35	15.16	-0.5	-2.6	36	15.63	-0.5	-2.6	37	16.1	-0.5	-2.6
38	16.585	-0.5	-2.6	39	17.07	-0.5	-2.6	40	17.554	-0.5	-2.6	41	18.039	-0.5	-2.6
42	18.524	-0.5	-2.6	43	19.009	-0.5	-2.6	44	19.493	-0.5	-2.6	45	19.978	-0.5	-2.6
46	20.463	-0.5	-2.6	47	20.948	-0.5	-2.6	48	21.433	-0.5	-2.6	49	21.917	-0.5	-2.6
50	22.402	-0.5	-2.6	51	22.887	-0.5	-2.6	52	23.372	-0.5	-2.6	53	23.857	-0.5	-2.6
54	24.341	-0.5	-2.6	55	24.826	-0.5	-2.6	56	25.311	-0.5	-2.6	57	25.796	-0.5	-2.6
58	26.28	-0.5	-2.6	59	26.765	-0.5	-2.6	60	27.25	-0.5	-2.6	61	27.735	-0.5	-2.6
62	28	-0.5	-2.6	63	-0.5	-0.125	-2.6	64	-0.125	-0.125	-2.6	65	0.25	-0.125	-2.6
66	0.735	-0.125	-2.6	67	1.22	-0.125	-2.6	68	1.704	-0.125	-2.6	69	2.189	-0.125	-2.6
70	2.674	-0.125	-2.6	71	3.159	-0.125	-2.6	72	3.643	-0.125	-2.6	73	4.128	-0.125	-2.6
74	4.613	-0.125	-2.6	75	5.098	-0.125	-2.6	76	5.583	-0.125	-2.6	77	6.067	-0.125	-2.6
78	6.552	-0.125	-2.6	79	7.037	-0.125	-2.6	80	7.522	-0.125	-2.6	81	8.007	-0.125	-2.6
82	8.491	-0.125	-2.6	83	8.976	-0.125	-2.6	84	9.461	-0.125	-2.6	85	9.946	-0.125	-2.6
86	10.43	-0.125	-2.6	87	10.915	-0.125	-2.6	88	11.4	-0.125	-2.6	89	11.87	-0.125	-2.6
90	12.34	-0.125	-2.6	91	12.81	-0.125	-2.6	92	13.28	-0.125	-2.6	93	13.75	-0.125	-2.6
94	14.22	-0.125	-2.6	95	14.69	-0.125	-2.6	96	15.16	-0.125	-2.6	97	15.63	-0.125	-2.6
98	16.1	-0.125	-2.6	99	16.585	-0.125	-2.6	100	17.07	-0.125	-2.6	101	17.554	-0.125	-2.6
102	18.039	-0.125	-2.6	103	18.524	-0.125	-2.6	104	19.009	-0.125	-2.6	105	19.493	-0.125	-2.6
106	19.978	-0.125	-2.6	107	20.463	-0.125	-2.6	108	20.948	-0.125	-2.6	109	21.433	-0.125	-2.6
110	21.917	-0.125	-2.6	111	22.402	-0.125	-2.6	112	22.887	-0.125	-2.6	113	23.372	-0.125	-2.6
114	23.857	-0.125	-2.6	115	24.341	-0.125	-2.6	116	24.826	-0.125	-2.6	117	25.311	-0.125	-2.6
118	25.796	-0.125	-2.6	119	26.28	-0.125	-2.6	120	26.765	-0.125	-2.6	121	27.25	-0.125	-2.6
122	27.735	-0.125	-2.6	123	28	-0.125	-2.6	124	-0.5	0.25	-2.6	125	-0.125	0.25	-2.6
126	0.25	0.25	-2.6	127	0.735	0.25	-2.6	128	1.22	0.25	-2.6	129	1.704	0.25	-2.6
130	2.189	0.25	-2.6	131	2.674	0.25	-2.6	132	3.159	0.25	-2.6	133	3.643	0.25	-2.6
134	4.128	0.25	-2.6	135	4.613	0.25	-2.6	136	5.098	0.25	-2.6	137	5.583	0.25	-2.6
138	6.067	0.25	-2.6	139	6.552	0.25	-2.6	140	7.037	0.25	-2.6	141	7.522	0.25	-2.6
142	8.007	0.25	-2.6	143	8.491	0.25	-2.6	144	8.976	0.25	-2.6	145	9.461	0.25	-2.6
146	9.946	0.25	-2.6	147	10.43	0.25	-2.6	148	10.915	0.25	-2.6	149	11.4	0.25	-2.6
150	11.87	0.25	-2.6	151	12.34	0.25	-2.6	152	12.81	0.25	-2.6	153	13.28	0.25	-2.6
154	13.75	0.25	-2.6	155	14.22	0.25	-2.6	156	14.69	0.25	-2.6	157	15.16	0.25	-2.6
158	15.63	0.25	-2.6	159	16.1	0.25	-2.6	160	16.585	0.25	-2.6	161	17.07	0.25	-2.6
162	17.554	0.25	-2.6	163	18.039	0.25	-2.6	164	18.524	0.25	-2.6	165	19.009	0.25	-2.6
166	19.493	0.25	-2.6	167	19.978	0.25	-2.6	168	20.463	0.25	-2.6	169	20.948	0.25	-2.6
170	21.433	0.25	-2.6	171	21.917	0.25	-2.6	172	22.402	0.25	-2.6	173	22.887	0.25	-2.6
174	23.372	0.25	-2.6	175	23.857	0.25	-2.6	176	24.341	0.25	-2.6	177	24.826	0.25	-2.6
178	25.311	0.25	-2.6	179	25.796	0.25	-2.6	180	26.28	0.25	-2.6	181	26.765	0.25	-2.6
182	27.25	0.25	-2.6	183	27.735	0.25	-2.6	184	28	0.25	-2.6	185	-0.5	0.73	-2.6
186	-0.125	0.73	-2.6	187	0.25	0.73	-2.6	188	0.735	0.73	-2.6	189	1.22	0.73	-2.6
190	1.704	0.73	-2.6	191	2.189	0.73	-2.6	192	2.674	0.73	-2.6	193	3.159	0.73	-2.6
194	3.643	0.73	-2.6	195	4.128	0.73	-2.6	196	4.613	0.73	-2.6	197	5.098	0.73	-2.6
198	5.583	0.73	-2.6	199	6.067	0.73	-2.6	200	6.552	0.73	-2.6	201	7.037	0.73	-2.6
202	7.522	0.73	-2.6	203	8.007	0.73	-2.6	204	8.491	0.73	-2.6	205	8.976	0.73	-2.6
206	9.461	0.73	-2.6	207	9.946	0.73	-2.6	208	10.43	0.73	-2.6	209	10.915	0.73	-2.6
210	11.4	0.73	-2.6	211	11.87	0.73	-2.6	212	12.34	0.73	-2.6	213	12.81	0.73	-2.6
214	13.28	0.73	-2.6	215	13.75	0.73	-2.6	216	14.22	0.73	-2.6	217	14.69	0.73	-2.6
218	15.16	0.73	-2.6	219	15.63	0.73	-2.6	220	16.1	0.73	-2.6	221	16.585	0.73	-2.6
222	17.07	0.73	-2.6	223	17.554	0.73	-2.6	224	18.039	0.73	-2.6	225	18.524	0.73	-2.6
226	19.009	0.73	-2.6	227	19.493	0.73	-2.6	228	19.978	0.73	-2.6	229	20.463	0.73	-2.6
230	20.948	0.73	-2.6	231	21.433	0.73	-2.6	232	21.917	0.73	-2.6	233	22.402	0.73	-2.6
234	22.887	0.73	-2.6	235	23.372	0.73	-2.6	236	23.857	0.73	-2.6	237	24.341	0.73	-2.6
238	24.826	0.73	-2.6	239	25.311	0.73	-2.6	240	25.796	0.73	-2.6	241	26.28	0.73	-2.6
242	26.765	0.73	-2.6	243	27.25	0.73	-2.6	244	27.735	0.73	-2.6	245	28	0.73	-2.6
246	-0.5	1.21	-2.6	247	-0.125	1.21	-2.6	248	0.25	1.21	-2.6	249	0.735	1.21	-2.6
250	1.22	1.21	-2.6	251	1.704	1.21	-2.6	252	2.189	1.21	-2.6	253	2.674	1.21	-2.6
254	3.159	1.21	-2.6	255	3.643	1.21	-2.6	256	4.128	1.21	-2.6	257	4.613	1.21	-2.6
258	5.098	1.21	-2.6	259	5.583	1.21	-2.6	260	6.067	1.21	-2.6	261	6.552	1.21	-2.6
262	7.037	1.21	-2.6	263	7.522	1.21	-2.6	264	8.007	1.21	-2.6	265	8.491	1.21	-2.6
266	8.976	1.21	-2.6	267	9.461	1.21	-2.6	268	9.946	1.21	-2.6	269	10.43	1.21	-2.6
270	10.915	1.21	-2.6	271	11.4	1.21	-2.6	272	11.87	1.21	-2.6	273	12.34	1.21	-2.6
274	12.81	1.21	-2.6	275	13.28	1.21	-2.6	276	13.75	1.21	-2.6	277	14.22	1.21	-2.6
278	14.69	1.21	-2.6	279	15.16	1.21	-2.6	280	15.63	1.21	-2.6	281	16.1	1.21	-2.6
282	16.585	1.21	-2.6	283	17.07	1.21	-2.6	284	17.554	1.21	-2.6	285	18.039	1.21	-2.6
286	18.524	1.21	-2.6	287	19.009	1.21	-2.6	288	19.493	1.21	-2.6	289	19.978	1.21	-2.6
290	20.463	1.21	-2.6	291	20.948	1.21	-2.6	292	21.433	1.21	-2.6	293	21.917	1.21	-2.6

Indice	Posizione			Indice	Posizione			Indice	Posizione			Indice	Posizione		
	X	Y	Z		X	Y	Z		X	Y	Z		X	Y	Z
294	22.402	1.21	-2.6	295	22.887	1.21	-2.6	296	23.372	1.21	-2.6	297	23.857	1.21	-2.6
298	24.341	1.21	-2.6	299	24.826	1.21	-2.6	300	25.311	1.21	-2.6	301	25.796	1.21	-2.6
302	26.28	1.21	-2.6	303	26.765	1.21	-2.6	304	27.25	1.21	-2.6	305	27.735	1.21	-2.6
306	28	1.21	-2.6	307	13.75	1.425	-2.6	308	-0.5	1.69	-2.6	309	-0.125	1.69	-2.6
310	0.25	1.69	-2.6	311	0.735	1.69	-2.6	312	1.22	1.69	-2.6	313	1.704	1.69	-2.6
314	2.189	1.69	-2.6	315	2.674	1.69	-2.6	316	3.159	1.69	-2.6	317	3.643	1.69	-2.6
318	4.128	1.69	-2.6	319	4.613	1.69	-2.6	320	5.098	1.69	-2.6	321	5.583	1.69	-2.6
322	6.067	1.69	-2.6	323	6.552	1.69	-2.6	324	7.037	1.69	-2.6	325	7.522	1.69	-2.6
326	8.007	1.69	-2.6	327	8.491	1.69	-2.6	328	8.976	1.69	-2.6	329	9.461	1.69	-2.6
330	9.946	1.69	-2.6	331	10.43	1.69	-2.6	332	10.915	1.69	-2.6	333	11.4	1.69	-2.6
334	11.87	1.69	-2.6	335	12.34	1.69	-2.6	336	12.81	1.69	-2.6	337	13.28	1.69	-2.6
338	13.75	1.69	-2.6	339	14.22	1.69	-2.6	340	14.69	1.69	-2.6	341	15.16	1.69	-2.6
342	15.63	1.69	-2.6	343	16.1	1.69	-2.6	344	16.585	1.69	-2.6	345	17.07	1.69	-2.6
346	17.554	1.69	-2.6	347	18.039	1.69	-2.6	348	18.524	1.69	-2.6	349	19.009	1.69	-2.6
350	19.493	1.69	-2.6	351	19.978	1.69	-2.6	352	20.463	1.69	-2.6	353	20.948	1.69	-2.6
354	21.433	1.69	-2.6	355	21.917	1.69	-2.6	356	22.402	1.69	-2.6	357	22.887	1.69	-2.6
358	23.372	1.69	-2.6	359	23.857	1.69	-2.6	360	24.341	1.69	-2.6	361	24.826	1.69	-2.6
362	25.311	1.69	-2.6	363	25.796	1.69	-2.6	364	26.28	1.69	-2.6	365	26.765	1.69	-2.6
366	27.25	1.69	-2.6	367	27.735	1.69	-2.6	368	28	1.69	-2.6	369	-0.5	2.17	-2.6
370	-0.125	2.17	-2.6	371	0.25	2.17	-2.6	372	0.735	2.17	-2.6	373	1.22	2.17	-2.6
374	1.704	2.17	-2.6	375	2.189	2.17	-2.6	376	2.674	2.17	-2.6	377	3.159	2.17	-2.6
378	3.643	2.17	-2.6	379	4.128	2.17	-2.6	380	4.613	2.17	-2.6	381	5.098	2.17	-2.6
382	5.583	2.17	-2.6	383	6.067	2.17	-2.6	384	6.552	2.17	-2.6	385	7.037	2.17	-2.6
386	7.522	2.17	-2.6	387	8.007	2.17	-2.6	388	8.491	2.17	-2.6	389	8.976	2.17	-2.6
390	9.461	2.17	-2.6	391	9.946	2.17	-2.6	392	10.43	2.17	-2.6	393	10.915	2.17	-2.6
394	11.4	2.17	-2.6	395	11.87	2.17	-2.6	396	12.34	2.17	-2.6	397	12.81	2.17	-2.6
398	13.28	2.17	-2.6	399	13.75	2.17	-2.6	400	14.22	2.17	-2.6	401	14.69	2.17	-2.6
402	15.16	2.17	-2.6	403	15.63	2.17	-2.6	404	16.1	2.17	-2.6	405	16.585	2.17	-2.6
406	17.07	2.17	-2.6	407	17.554	2.17	-2.6	408	18.039	2.17	-2.6	409	18.524	2.17	-2.6
410	19.009	2.17	-2.6	411	19.493	2.17	-2.6	412	19.978	2.17	-2.6	413	20.463	2.17	-2.6
414	20.948	2.17	-2.6	415	21.433	2.17	-2.6	416	21.917	2.17	-2.6	417	22.402	2.17	-2.6
418	22.887	2.17	-2.6	419	23.372	2.17	-2.6	420	23.857	2.17	-2.6	421	24.341	2.17	-2.6
422	24.826	2.17	-2.6	423	25.311	2.17	-2.6	424	25.796	2.17	-2.6	425	26.28	2.17	-2.6
426	26.765	2.17	-2.6	427	27.25	2.17	-2.6	428	27.735	2.17	-2.6	429	28	2.17	-2.6
430	-0.5	2.65	-2.6	431	-0.125	2.65	-2.6	432	0.25	2.65	-2.6	433	0.735	2.65	-2.6
434	1.22	2.65	-2.6	435	1.704	2.65	-2.6	436	2.189	2.65	-2.6	437	2.674	2.65	-2.6
438	3.159	2.65	-2.6	439	3.643	2.65	-2.6	440	4.128	2.65	-2.6	441	4.613	2.65	-2.6
442	5.098	2.65	-2.6	443	5.583	2.65	-2.6	444	6.067	2.65	-2.6	445	6.552	2.65	-2.6
446	7.037	2.65	-2.6	447	7.522	2.65	-2.6	448	8.007	2.65	-2.6	449	8.491	2.65	-2.6
450	8.976	2.65	-2.6	451	9.461	2.65	-2.6	452	9.946	2.65	-2.6	453	10.43	2.65	-2.6
454	10.915	2.65	-2.6	455	11.4	2.65	-2.6	456	11.87	2.65	-2.6	457	12.34	2.65	-2.6
458	12.81	2.65	-2.6	459	13.28	2.65	-2.6	460	13.75	2.65	-2.6	461	14.22	2.65	-2.6
462	14.69	2.65	-2.6	463	15.16	2.65	-2.6	464	15.63	2.65	-2.6	465	16.1	2.65	-2.6
466	16.585	2.65	-2.6	467	17.07	2.65	-2.6	468	17.554	2.65	-2.6	469	18.039	2.65	-2.6
470	18.524	2.65	-2.6	471	19.009	2.65	-2.6	472	19.493	2.65	-2.6	473	19.978	2.65	-2.6
474	20.463	2.65	-2.6	475	20.948	2.65	-2.6	476	21.433	2.65	-2.6	477	21.917	2.65	-2.6
478	22.402	2.65	-2.6	479	22.887	2.65	-2.6	480	23.372	2.65	-2.6	481	23.857	2.65	-2.6
482	24.341	2.65	-2.6	483	24.826	2.65	-2.6	484	25.311	2.65	-2.6	485	25.796	2.65	-2.6
486	26.28	2.65	-2.6	487	26.765	2.65	-2.6	488	27.25	2.65	-2.6	489	27.735	2.65	-2.6
490	28	2.65	-2.6	491	-0.5	3.35	-2.6	492	-0.125	3.35	-2.6	493	0.25	3.35	-2.6
494	0.757	3.35	-2.6	495	1.264	3.35	-2.6	496	1.77	3.35	-2.6	497	2.277	3.35	-2.6
498	2.784	3.35	-2.6	499	3.291	3.35	-2.6	500	3.798	3.35	-2.6	501	4.305	3.35	-2.6
502	4.811	3.35	-2.6	503	5.318	3.35	-2.6	504	5.825	3.35	-2.6	505	6.332	3.35	-2.6
506	6.839	3.35	-2.6	507	7.345	3.35	-2.6	508	7.852	3.35	-2.6	509	8.359	3.35	-2.6
510	8.866	3.35	-2.6	511	9.373	3.35	-2.6	512	9.88	3.35	-2.6	513	10.386	3.35	-2.6
514	10.893	3.35	-2.6	515	11.4	3.35	-2.6	516	11.87	3.35	-2.6	517	12.34	3.35	-2.6
518	12.81	3.35	-2.6	519	13.28	3.35	-2.6	520	13.75	3.35	-2.6	521	14.22	3.35	-2.6
522	14.69	3.35	-2.6	523	15.16	3.35	-2.6	524	15.63	3.35	-2.6	525	16.1	3.35	-2.6
526	16.607	3.35	-2.6	527	17.114	3.35	-2.6	528	17.62	3.35	-2.6	529	18.127	3.35	-2.6
530	18.634	3.35	-2.6	531	19.141	3.35	-2.6	532	19.648	3.35	-2.6	533	20.155	3.35	-2.6
534	20.661	3.35	-2.6	535	21.168	3.35	-2.6	536	21.675	3.35	-2.6	537	22.182	3.35	-2.6
538	22.689	3.35	-2.6	539	23.195	3.35	-2.6	540	23.702	3.35	-2.6	541	24.209	3.35	-2.6
542	24.716	3.35	-2.6	543	25.223	3.35	-2.6	544	25.73	3.35	-2.6	545	26.236	3.35	-2.6
546	26.743	3.35	-2.6	547	27.25	3.35	-2.6	548	28	3.35	-2.6	549	19.502	0.25	-2.305
550	14.663	0.25	-2.279	551	19.955	0.25	-2.278	552	14.224	0.25	-2.271	553	20.428	0.25	-2.251
554	13.778	0.25	-2.247	555	20.914	0.25	-2.23	556	8.964	0.25	-2.22	557	8.003	0.25	-2.22
558	8.485	0.25	-2.218	559	7.52	0.25	-2.217	560	7.036	0.25	-2.213	561	21.405	0.25	-2.213
562	9.437	0.25	-2.211	563	6.551	0.25	-2.206	564	6.066	0.25	-2.201	565	21.896	0.25	-2.2
566	9.905	0.25	-2.198	567	5.58	0.25	-2.196	568	19.074	0.25	-2.195	569	5.094	0.25	-2.189
570	22.387	0.25	-2.189	571	22.878	0.25	-2.187	572	4.607	0.25	-2.186	573	23.857	0.25	-2.182
574	23.367	0.25	-2.182	575	15.08	0.25	-2.181	576	24.346	0.25	-2.178	577	4.121	0.25	-2.177
578	24.835	0.25	-2.173	579	3.634	0.25	-2.169	580	3.146	0.25	-2.169	581	25.322	0.25	-2.168
582	2.659	0.25	-2.167	583	25.808	0.25	-2.163	584	2.173	0.25	-2.161	585	12.808	0.25	-2.159
586	1.686	0.25	-2.158	587	10.368	0.25	-2.155	588	1.201	0.25	-2.155	589	26.29	0.25	-2.154
590	0.721	0.25	-2.148	591	26.771	0.25	-2.147	592	18.562	0.25	-2.146	593	12.365	0.25	-2.14
594	0.25	0.25	-2.138	595	27.25	0.25	-2.138	596	13.299	0.25	-2.138	597	0.25	0.73	-2.132
598	27.25	0.73	-2.132	599	0.25	1.21	-2.125	600	27.25	1.21	-2.125	601	18.05	0.25	-2.124
602	0.25	1.69	-2.118	603	27.25	1.69	-2.118	604	17.545	0.25	-2.114	605	0.25	2.17	-2.11
606	27.25	2.17	-2.11	607	17.057	0.25	-2.1	608	0.25	2.65	-2.1	609	0.735	2.65	-2.1
610	1.22	2.65	-2.1	611	1.704	2.65	-2.1	612	2.189	2.65	-2.1	613	2.674	2.65	-2.1
614	3.159	2.65	-2.1	615	3.643	2.65	-2.1	616	4.128	2.65	-2.1	617	4.613	2.65	-2.1
618	5.098	2.65	-2.1	619	5.583	2.65	-2.1	620	6.067	2.65	-2.1	621	6.552	2.65	-2.1
622	7.037	2.65	-2.1	623	7										

Indice	Posizione			Indice	Posizione			Indice	Posizione			Indice	Posizione		
	X	Y	Z		X	Y	Z		X	Y	Z		X	Y	Z
682	19.913	0.25	-1.942	683	14.607	0.25	-1.941	684	13.546	0.25	-1.926	685	20.382	0.25	-1.881
686	20.876	0.25	-1.839	687	8.954	0.25	-1.827	688	9.418	0.25	-1.826	689	14.948	0.25	-1.824
690	9.87	0.25	-1.82	691	8.479	0.25	-1.814	692	7.519	0.25	-1.813	693	8	0.25	-1.813
694	7.036	0.25	-1.81	695	21.375	0.25	-1.806	696	6.551	0.25	-1.801	697	10.284	0.25	-1.797
698	6.065	0.25	-1.79	699	21.874	0.25	-1.784	700	15.27	0.25	-1.782	701	5.578	0.25	-1.781
702	12.408	0.25	-1.777	703	22.371	0.25	-1.77	704	5.09	0.25	-1.769	705	22.867	0.25	-1.759
706	4.602	0.25	-1.759	707	10.595	0.25	-1.753	708	23.361	0.25	-1.749	709	12.133	0.25	-1.748
710	23.855	0.25	-1.746	711	4.114	0.25	-1.744	712	12.766	0.25	-1.739	713	24.347	0.25	-1.736
714	3.625	0.25	-1.732	715	24.839	0.25	-1.73	716	3.136	0.25	-1.727	717	19.226	0.25	-1.725
718	25.33	0.25	-1.724	719	2.647	0.25	-1.722	720	25.815	0.25	-1.714	721	2.16	0.25	-1.712
722	1.673	0.25	-1.707	723	14.583	0.25	-1.703	724	26.296	0.25	-1.702	725	1.193	0.25	-1.698
726	26.776	0.25	-1.692	727	0.716	0.25	-1.69	728	14.783	0.25	-1.683	729	0.25	0.25	-1.677
730	27.25	0.25	-1.677	731	0.25	0.73	-1.665	732	27.25	0.73	-1.665	733	18.609	0.25	-1.656
734	13.145	0.25	-1.656	735	13.507	0.25	-1.654	736	0.25	1.21	-1.652	737	27.25	1.21	-1.652
738	13.854	0.25	-1.646	739	0.25	1.69	-1.638	740	27.25	1.69	-1.638	741	14.259	0.25	-1.637
742	18.059	0.25	-1.628	743	0.25	2.17	-1.621	744	27.25	2.17	-1.621	745	17.547	0.25	-1.606
746	0.25	2.65	-1.6	747	0.735	2.65	-1.6	748	1.22	2.65	-1.6	749	1.704	2.65	-1.6
750	2.189	2.65	-1.6	751	2.674	2.65	-1.6	752	3.159	2.65	-1.6	753	3.643	2.65	-1.6
754	4.128	2.65	-1.6	755	4.613	2.65	-1.6	756	5.098	2.65	-1.6	757	5.583	2.65	-1.6
758	6.067	2.65	-1.6	759	6.552	2.65	-1.6	760	7.037	2.65	-1.6	761	7.522	2.65	-1.6
762	8.007	2.65	-1.6	763	8.491	2.65	-1.6	764	8.976	2.65	-1.6	765	9.461	2.65	-1.6
766	9.946	2.65	-1.6	767	10.43	2.65	-1.6	768	10.915	2.65	-1.6	769	11.4	2.65	-1.6
770	11.87	2.65	-1.6	771	12.34	2.65	-1.6	772	12.81	2.65	-1.6	773	13.28	2.65	-1.6
774	13.75	2.65	-1.6	775	14.22	2.65	-1.6	776	14.69	2.65	-1.6	777	15.16	2.65	-1.6
778	15.63	2.65	-1.6	779	16.1	2.65	-1.6	780	16.585	2.65	-1.6	781	17.07	2.65	-1.6
782	17.554	2.65	-1.6	783	18.039	2.65	-1.6	784	18.524	2.65	-1.6	785	19.009	2.65	-1.6
786	19.493	2.65	-1.6	787	19.978	2.65	-1.6	788	20.463	2.65	-1.6	789	20.948	2.65	-1.6
790	21.433	2.65	-1.6	791	21.917	2.65	-1.6	792	22.402	2.65	-1.6	793	22.887	2.65	-1.6
794	23.372	2.65	-1.6	795	23.857	2.65	-1.6	796	24.341	2.65	-1.6	797	24.826	2.65	-1.6
799	25.311	2.65	-1.6	799	25.796	2.65	-1.6	800	26.28	2.65	-1.6	801	26.765	2.65	-1.6
802	27.25	2.65	-1.6	803	11.4	2.17	-1.587	804	16.1	2.17	-1.587	805	17.058	0.25	-1.586
806	19.783	0.25	-1.578	807	11.4	1.69	-1.578	808	16.1	1.69	-1.578	809	11.4	1.21	-1.57
810	16.1	1.21	-1.57	811	16.578	0.25	-1.57	812	11.4	0.73	-1.563	813	16.1	0.73	-1.563
814	11.4	0.25	-1.556	815	16.1	0.25	-1.556	816	14.99	0.25	-1.523	817	11.788	0.25	-1.517
818	14.801	0.25	-1.515	819	14.611	0.25	-1.503	820	10.978	0.25	-1.5	821	15.29	0.25	-1.49
822	14.435	0.25	-1.479	823	20.312	0.25	-1.479	824	15.652	0.25	-1.463	825	12.086	0.25	-1.442
826	10.64	0.25	-1.422	827	20.83	0.25	-1.42	828	13.277	0.25	-1.403	829	10.259	0.25	-1.387
830	13.489	0.25	-1.383	831	9.845	0.25	-1.382	832	21.344	0.25	-1.382	833	9.401	0.25	-1.38
834	12.402	0.25	-1.378	835	8.942	0.25	-1.37	836	12.702	0.25	-1.364	837	14.778	0.25	-1.36
838	8.472	0.25	-1.359	839	21.852	0.25	-1.355	840	7.517	0.25	-1.355	841	7.996	0.25	-1.354
842	7.035	0.25	-1.351	843	6.551	0.25	-1.347	844	6.065	0.25	-1.339	845	22.355	0.25	-1.335
846	5.577	0.25	-1.327	847	13.808	0.25	-1.325	848	13.277	0.25	-1.322	849	5.088	0.25	-1.316
850	14.625	0.25	-1.316	851	23.354	0.25	-1.31	852	4.598	0.25	-1.304	853	23.851	0.25	-1.3
854	14.422	0.25	-1.296	855	4.108	0.25	-1.291	856	24.347	0.25	-1.29	857	3.618	0.25	-1.281
858	24.842	0.25	-1.28	859	14.17	0.25	-1.278	860	3.128	0.25	-1.272	861	25.333	0.25	-1.268
862	2.638	0.25	-1.264	863	2.148	0.25	-1.258	864	25.819	0.25	-1.256	865	14.905	0.25	-1.254
866	1.665	0.25	-1.247	867	26.302	0.25	-1.246	868	1.183	0.25	-1.24	869	26.78	0.25	-1.233
870	12.968	0.25	-1.232	871	0.711	0.25	-1.229	872	0.25	0.25	-1.215	873	27.25	0.25	-1.215
874	15.485	0.25	-1.214	875	0.25	0.73	-1.199	876	27.25	0.73	-1.199	877	15.192	0.25	-1.193
878	0.25	1.21	-1.183	879	27.25	1.21	-1.183	880	12.508	0.25	-1.171	881	13.197	0.25	-1.17
882	0.25	1.69	-1.164	883	27.25	1.69	-1.164	884	0.25	2.17	-1.14	885	27.25	2.17	-1.14
886	14.66	0.25	-1.125	887	19.165	0.25	-1.123	888	14.295	0.25	-1.114	889	14.459	0.25	-1.113
890	18.604	0.25	-1.112	891	13.434	0.25	-1.106	892	12.675	0.25	-1.1	893	14.85	0.25	-1.1
894	-0.5	2.65	-1.1	895	-0.125	2.65	-1.1	896	0.25	2.65	-1.1	897	0.735	2.65	-1.1
898	1.22	2.65	-1.1	899	1.704	2.65	-1.1	900	2.189	2.65	-1.1	901	2.674	2.65	-1.1
902	3.159	2.65	-1.1	903	3.643	2.65	-1.1	904	4.128	2.65	-1.1	905	4.613	2.65	-1.1
906	5.098	2.65	-1.1	907	5.583	2.65	-1.1	908	6.067	2.65	-1.1	909	6.552	2.65	-1.1
910	7.037	2.65	-1.1	911	7.522	2.65	-1.1	912	8.007	2.65	-1.1	913	8.491	2.65	-1.1
914	8.976	2.65	-1.1	915	9.461	2.65	-1.1	916	9.946	2.65	-1.1	917	10.43	2.65	-1.1
918	10.915	2.65	-1.1	919	11.4	2.65	-1.1	920	11.87	2.65	-1.1	921	12.34	2.65	-1.1
922	12.81	2.65	-1.1	923	13.28	2.65	-1.1	924	13.75	2.65	-1.1	925	14.22	2.65	-1.1
926	14.69	2.65	-1.1	927	15.16	2.65	-1.1	928	15.63	2.65	-1.1	929	16.1	2.65	-1.1
930	16.585	2.65	-1.1	931	17.07	2.65	-1.1	932	17.554	2.65	-1.1	933	18.039	2.65	-1.1
934	18.524	2.65	-1.1	935	19.009	2.65	-1.1	936	19.493	2.65	-1.1	937	19.978	2.65	-1.1
938	20.463	2.65	-1.1	939	20.948	2.65	-1.1	940	21.433	2.65	-1.1	941	21.917	2.65	-1.1
942	22.402	2.65	-1.1	943	22.887	2.65	-1.1	944	23.372	2.65	-1.1	945	23.857	2.65	-1.1
946	24.341	2.65	-1.1	947	24.826	2.65	-1.1	948	25.311	2.65	-1.1	949	25.796	2.65	-1.1
950	26.28	2.65	-1.1	951	26.765	2.65	-1.1	952	27.25	2.65	-1.1	953	27.625	2.65	-1.1
954	28	2.65	-1.1	955	-0.5	3.153	-1.1	956	-0.125	3.153	-1.1	957	0.25	3.153	-1.1
958	27.25	3.153	-1.1	959	27.625	3.153	-1.1	960	28	3.153	-1.1	961	0.735	3.153	-1.1
962	26.765	3.153	-1.1	963	1.219	3.153	-1.1	964	26.281	3.153	-1.1	965	1.704	3.153	-1.1
966	25.796	3.153	-1.1	967	2.189	3.153	-1.1	968	25.311	3.153	-1.1	969	2.674	3.153	-1.1
970	24.826	3.153	-1.1	971	3.158	3.153	-1.1	972	24.342	3.153	-1.1	973	3.643	3.154	-1.1
974	23.857	3.154	-1.1	975	4.128	3.154	-1.1	976	23.372	3.154	-1.1	977	4.612	3.154	-1.1
978	22.888	3.154	-1.1	979	5.097	3.154	-1.1	980	22.403	3.154	-1.1	981	5.582	3.154	-1.1
982	21.918	3.154	-1.1	983	6.067	3.154	-1.1	984	21.433	3.154	-1.1	985	6.551	3.154	-1.1
986	20.949	3.154	-1.1	987	7.036	3.154	-1.1	988	20.464	3.154	-1.1	989	7.521	3.155	-1.1
990	19.979	3.155	-1.1	991	8.005	3.155	-1.1	992	19.495	3.155	-1.1	993	8.49	3.155	-1.1
994	19.01	3.155	-1.1	995	8.975	3.155	-1.1	996	18.525	3.155	-1.1	997	9.459	3.155	-1.1
998	18.041	3.155	-1.1	999	9.944	3.155	-1.1	1000	17.556	3.155	-1.1	1001	10.428	3.155	-1.1
1002	17.072	3.155	-1.1	1003	10.911	3.155	-1.1	1004	16.589						

Indice	Posizione			Indice	Posizione			Indice	Posizione			Indice	Posizione		
	X	Y	Z		X	Y	Z		X	Y	Z		X	Y	Z
1070	12.337	3.661	-1.1	1071	15.163	3.661	-1.1	1072	12.808	3.662	-1.1	1073	14.692	3.662	-1.1
1074	13.279	3.662	-1.1	1075	14.221	3.662	-1.1	1076	13.75	3.662	-1.1	1077	-0.5	4.158	-1.1
1078	-0.125	4.158	-1.1	1079	0.25	4.158	-1.1	1080	27.25	4.158	-1.1	1081	27.625	4.158	-1.1
1082	28	4.158	-1.1	1083	0.735	4.159	-1.1	1084	26.765	4.159	-1.1	1085	1.219	4.159	-1.1
1086	26.281	4.159	-1.1	1087	1.704	4.159	-1.1	1088	25.796	4.159	-1.1	1089	2.188	4.16	-1.1
1090	25.312	4.16	-1.1	1091	2.673	4.16	-1.1	1092	24.827	4.16	-1.1	1093	3.157	4.16	-1.1
1094	24.343	4.16	-1.1	1095	3.642	4.161	-1.1	1096	23.858	4.161	-1.1	1097	4.126	4.161	-1.1
1098	23.374	4.161	-1.1	1099	4.611	4.162	-1.1	1100	22.889	4.162	-1.1	1101	5.096	4.162	-1.1
1102	22.404	4.162	-1.1	1103	5.58	4.162	-1.1	1104	21.92	4.162	-1.1	1105	6.065	4.163	-1.1
1106	21.435	4.163	-1.1	1107	6.549	4.163	-1.1	1108	20.951	4.163	-1.1	1109	7.034	4.163	-1.1
1110	20.466	4.163	-1.1	1111	7.518	4.164	-1.1	1112	19.982	4.164	-1.1	1113	8.003	4.164	-1.1
1114	19.497	4.164	-1.1	1115	8.488	4.164	-1.1	1116	19.012	4.164	-1.1	1117	8.972	4.165	-1.1
1118	18.528	4.165	-1.1	1119	9.457	4.165	-1.1	1120	18.043	4.165	-1.1	1121	9.941	4.165	-1.1
1122	17.559	4.165	-1.1	1123	10.424	4.166	-1.1	1124	17.076	4.166	-1.1	1125	10.906	4.166	-1.1
1126	16.594	4.166	-1.1	1127	11.386	4.166	-1.1	1128	16.114	4.166	-1.1	1129	11.862	4.167	-1.1
1130	15.638	4.167	-1.1	1131	12.335	4.167	-1.1	1132	15.165	4.167	-1.1	1133	12.808	4.167	-1.1
1134	14.692	4.167	-1.1	1135	13.279	4.168	-1.1	1136	14.221	4.168	-1.1	1137	13.75	4.168	-1.1
1138	-0.5	4.661	-1.1	1139	-0.125	4.661	-1.1	1140	0.25	4.661	-1.1	1141	27.25	4.661	-1.1
1142	27.625	4.661	-1.1	1143	28	4.661	-1.1	1144	0.734	4.662	-1.1	1145	26.766	4.662	-1.1
1146	1.219	4.662	-1.1	1147	26.281	4.662	-1.1	1148	1.703	4.663	-1.1	1149	25.797	4.663	-1.1
1150	2.188	4.663	-1.1	1151	25.312	4.663	-1.1	1152	2.672	4.663	-1.1	1153	24.828	4.663	-1.1
1154	3.157	4.664	-1.1	1155	24.343	4.664	-1.1	1156	3.641	4.664	-1.1	1157	23.859	4.664	-1.1
1158	4.126	4.665	-1.1	1159	23.374	4.665	-1.1	1160	4.61	4.665	-1.1	1161	22.89	4.665	-1.1
1162	5.095	4.666	-1.1	1163	22.405	4.666	-1.1	1164	5.579	4.666	-1.1	1165	21.921	4.666	-1.1
1166	6.064	4.667	-1.1	1167	21.436	4.667	-1.1	1168	6.548	4.667	-1.1	1169	20.952	4.667	-1.1
1170	7.033	4.668	-1.1	1171	20.467	4.668	-1.1	1172	7.517	4.668	-1.1	1173	19.983	4.668	-1.1
1174	8.002	4.669	-1.1	1175	19.498	4.669	-1.1	1176	8.486	4.669	-1.1	1177	19.014	4.669	-1.1
1178	8.971	4.67	-1.1	1179	18.529	4.67	-1.1	1180	9.455	4.67	-1.1	1181	18.045	4.67	-1.1
1182	9.939	4.671	-1.1	1183	17.561	4.671	-1.1	1184	10.423	4.671	-1.1	1185	17.077	4.671	-1.1
1186	10.905	4.671	-1.1	1187	16.595	4.671	-1.1	1188	11.384	4.672	-1.1	1189	16.116	4.672	-1.1
1190	11.86	4.672	-1.1	1191	15.64	4.672	-1.1	1192	12.334	4.673	-1.1	1193	15.166	4.673	-1.1
1194	12.807	4.673	-1.1	1195	14.693	4.673	-1.1	1196	13.279	4.674	-1.1	1197	14.221	4.674	-1.1
1198	13.75	4.674	-1.1	1199	-0.5	5.164	-1.1	1200	-0.125	5.164	-1.1	1201	0.25	5.164	-1.1
1202	27.25	5.164	-1.1	1203	27.625	5.164	-1.1	1204	28	5.164	-1.1	1205	0.734	5.164	-1.1
1206	26.766	5.164	-1.1	1207	1.219	5.165	-1.1	1208	26.281	5.165	-1.1	1209	1.703	5.166	-1.1
1210	25.797	5.166	-1.1	1211	2.188	5.166	-1.1	1212	25.312	5.166	-1.1	1213	2.672	5.167	-1.1
1214	24.828	5.167	-1.1	1215	3.156	5.167	-1.1	1216	24.344	5.167	-1.1	1217	3.641	5.168	-1.1
1218	23.859	5.168	-1.1	1219	4.125	5.169	-1.1	1220	23.375	5.169	-1.1	1221	4.61	5.169	-1.1
1222	22.89	5.169	-1.1	1223	5.094	5.17	-1.1	1224	22.406	5.17	-1.1	1225	5.579	5.17	-1.1
1226	21.921	5.17	-1.1	1227	6.063	5.171	-1.1	1228	21.437	5.171	-1.1	1229	6.547	5.172	-1.1
1230	20.953	5.172	-1.1	1231	7.032	5.172	-1.1	1232	20.468	5.172	-1.1	1233	7.516	5.173	-1.1
1234	19.984	5.173	-1.1	1235	8.001	5.173	-1.1	1236	19.499	5.173	-1.1	1237	8.485	5.174	-1.1
1238	19.015	5.174	-1.1	1239	8.969	5.174	-1.1	1240	18.531	5.174	-1.1	1241	9.454	5.175	-1.1
1242	18.046	5.175	-1.1	1243	9.938	5.176	-1.1	1244	17.562	5.176	-1.1	1245	10.421	5.176	-1.1
1246	17.079	5.176	-1.1	1247	10.903	5.177	-1.1	1248	16.597	5.177	-1.1	1249	11.383	5.177	-1.1
1250	16.117	5.177	-1.1	1251	11.859	5.178	-1.1	1252	15.641	5.178	-1.1	1253	12.333	5.179	-1.1
1254	15.167	5.179	-1.1	1255	12.806	5.179	-1.1	1256	14.694	5.179	-1.1	1257	13.278	5.18	-1.1
1258	14.222	5.18	-1.1	1259	13.75	5.18	-1.1	1260	-0.5	5.667	-1.1	1261	-0.125	5.667	-1.1
1262	0.25	5.667	-1.1	1263	27.25	5.667	-1.1	1264	27.625	5.667	-1.1	1265	28	5.667	-1.1
1266	0.734	5.667	-1.1	1267	26.766	5.667	-1.1	1268	1.219	5.668	-1.1	1269	26.281	5.668	-1.1
1270	1.703	5.669	-1.1	1271	25.797	5.669	-1.1	1272	2.187	5.669	-1.1	1273	25.313	5.669	-1.1
1274	2.672	5.67	-1.1	1275	24.828	5.67	-1.1	1276	3.156	5.671	-1.1	1277	24.344	5.671	-1.1
1278	3.64	5.672	-1.1	1279	23.86	5.672	-1.1	1280	4.125	5.672	-1.1	1281	23.375	5.672	-1.1
1282	4.609	5.673	-1.1	1283	22.891	5.673	-1.1	1284	5.093	5.674	-1.1	1285	22.407	5.674	-1.1
1286	5.578	5.674	-1.1	1287	21.922	5.674	-1.1	1288	6.062	5.675	-1.1	1289	21.438	5.675	-1.1
1290	6.546	5.676	-1.1	1291	20.954	5.676	-1.1	1292	7.031	5.677	-1.1	1293	20.469	5.677	-1.1
1294	7.515	5.677	-1.1	1295	19.985	5.677	-1.1	1296	7.999	5.678	-1.1	1297	19.501	5.678	-1.1
1298	8.484	5.679	-1.1	1299	19.016	5.679	-1.1	1300	8.968	5.679	-1.1	1301	18.532	5.679	-1.1
1302	9.452	5.68	-1.1	1303	18.048	5.68	-1.1	1304	9.936	5.681	-1.1	1305	17.564	5.681	-1.1
1306	10.42	5.682	-1.1	1307	17.08	5.682	-1.1	1308	10.902	5.682	-1.1	1309	16.598	5.682	-1.1
1310	11.381	5.683	-1.1	1311	16.119	5.683	-1.1	1312	11.858	5.684	-1.1	1313	15.642	5.684	-1.1
1314	12.332	5.684	-1.1	1315	15.168	5.684	-1.1	1316	12.806	5.685	-1.1	1317	14.694	5.685	-1.1
1318	13.278	5.686	-1.1	1319	14.222	5.686	-1.1	1320	13.75	5.686	-1.1	1321	-0.5	6.169	-1.1
1322	-0.125	6.169	-1.1	1323	0.25	6.169	-1.1	1324	27.25	6.169	-1.1	1325	27.625	6.169	-1.1
1326	28	6.169	-1.1	1327	0.734	6.17	-1.1	1328	26.766	6.17	-1.1	1329	1.219	6.171	-1.1
1330	26.281	6.171	-1.1	1331	1.703	6.172	-1.1	1332	25.797	6.172	-1.1	1333	2.187	6.173	-1.1
1334	25.313	6.173	-1.1	1335	2.671	6.174	-1.1	1336	24.829	6.174	-1.1	1337	3.156	6.174	-1.1
1338	24.344	6.174	-1.1	1339	3.64	6.175	-1.1	1340	23.86	6.175	-1.1	1341	4.124	6.176	-1.1
1342	23.376	6.176	-1.1	1343	4.608	6.177	-1.1	1344	22.892	6.177	-1.1	1345	5.093	6.178	-1.1
1346	22.407	6.178	-1.1	1347	5.577	6.179	-1.1	1348	21.923	6.179	-1.1	1349	6.061	6.179	-1.1
1350	21.439	6.179	-1.1	1351	6.545	6.18	-1.1	1352	20.955	6.18	-1.1	1353	7.03	6.181	-1.1
1354	20.47	6.181	-1.1	1355	7.514	6.182	-1.1	1356	19.986	6.182	-1.1	1357	7.998	6.183	-1.1
1358	19.502	6.183	-1.1	1359	8.483	6.183	-1.1	1360	19.017	6.183	-1.1	1361	8.967	6.184	-1.1
1362	18.533	6.184	-1.1	1363	9.451	6.185	-1.1	1364	18.049	6.185	-1.1	1365	9.935	6.186	-1.1
1366	17.565	6.186	-1.1	1367	10.418	6.187	-1.1	1368	17.082	6.187	-1.1	1369	10.9	6.188	-1.1
1370	16.6	6.188	-1.1	1371	11.38	6.188	-1.1	1372	16.12	6.188	-1.1	1373	11.857	6.189	-1.1
1374	15.643	6.189	-1.1	1375	12.331	6.19	-1.1	1376	15.169	6.19	-1.1	1377	12.805	6.191	-1.1
1378	14.695	6.191	-1.1	1379	13.278	6.192	-1.1	1380	14.222	6.192	-1.1	1381	13.75	6.192	-1.1
1382	-0.5	6.672	-1.1	1383	-0.125	6.672	-1.1	1384							

Indice	Posizione			Indice	Posizione			Indice	Posizione			Indice	Posizione		
	X	Y	Z		X	Y	Z		X	Y	Z		X	Y	Z
1458	24.829	7.18	-1.1	1459	3.155	7.181	-1.1	1460	24.345	7.181	-1.1	1461	3.639	7.182	-1.1
1462	23.861	7.182	-1.1	1463	4.123	7.183	-1.1	1464	23.377	7.183	-1.1	1465	4.607	7.185	-1.1
1466	22.893	7.185	-1.1	1467	5.091	7.186	-1.1	1468	22.409	7.186	-1.1	1469	5.575	7.187	-1.1
1470	21.925	7.187	-1.1	1471	6.059	7.188	-1.1	1472	21.441	7.188	-1.1	1473	6.544	7.189	-1.1
1474	20.956	7.189	-1.1	1475	7.028	7.19	-1.1	1476	20.472	7.19	-1.1	1477	7.512	7.191	-1.1
1478	19.988	7.191	-1.1	1479	7.996	7.192	-1.1	1480	19.504	7.192	-1.1	1481	8.48	7.193	-1.1
1482	19.02	7.193	-1.1	1483	8.964	7.194	-1.1	1484	18.536	7.194	-1.1	1485	9.448	7.195	-1.1
1486	18.052	7.195	-1.1	1487	9.932	7.196	-1.1	1488	17.568	7.196	-1.1	1489	10.415	7.197	-1.1
1490	17.085	7.197	-1.1	1491	10.897	7.198	-1.1	1492	16.603	7.198	-1.1	1493	11.377	7.199	-1.1
1494	16.123	7.199	-1.1	1495	11.854	7.2	-1.1	1496	15.646	7.2	-1.1	1497	12.33	7.201	-1.1
1498	15.17	7.201	-1.1	1499	12.804	7.202	-1.1	1500	14.696	7.202	-1.1	1501	13.277	7.204	-1.1
1502	14.223	7.204	-1.1	1503	13.75	7.205	-1.1	1504	-0.5	7.678	-1.1	1505	-0.125	7.678	-1.1
1506	0.25	7.678	-1.1	1507	27.25	7.678	-1.1	1508	27.625	7.678	-1.1	1509	28	7.678	-1.1
1510	0.734	7.679	-1.1	1511	26.766	7.679	-1.1	1512	1.218	7.68	-1.1	1513	26.282	7.68	-1.1
1514	1.702	7.681	-1.1	1515	25.798	7.681	-1.1	1516	2.186	7.682	-1.1	1517	25.314	7.682	-1.1
1518	2.67	7.684	-1.1	1519	24.83	7.684	-1.1	1520	3.154	7.685	-1.1	1521	24.346	7.685	-1.1
1522	3.638	7.686	-1.1	1523	23.862	7.686	-1.1	1524	4.122	7.687	-1.1	1525	23.378	7.687	-1.1
1526	4.606	7.688	-1.1	1527	22.894	7.688	-1.1	1528	5.09	7.69	-1.1	1529	22.41	7.69	-1.1
1530	5.575	7.691	-1.1	1531	21.925	7.691	-1.1	1532	6.059	7.692	-1.1	1533	21.441	7.692	-1.1
1534	6.543	7.693	-1.1	1535	20.957	7.693	-1.1	1536	7.027	7.694	-1.1	1537	20.473	7.694	-1.1
1538	7.511	7.695	-1.1	1539	19.989	7.695	-1.1	1540	7.995	7.697	-1.1	1541	19.505	7.697	-1.1
1542	8.479	7.698	-1.1	1543	19.021	7.698	-1.1	1544	8.963	7.699	-1.1	1545	18.537	7.699	-1.1
1546	9.447	7.7	-1.1	1547	18.053	7.7	-1.1	1548	9.931	7.701	-1.1	1549	17.569	7.701	-1.1
1550	10.414	7.702	-1.1	1551	17.086	7.702	-1.1	1552	10.896	7.704	-1.1	1553	16.604	7.704	-1.1
1554	11.375	7.705	-1.1	1555	16.125	7.705	-1.1	1556	11.853	7.706	-1.1	1557	15.647	7.706	-1.1
1558	12.329	7.707	-1.1	1559	15.171	7.707	-1.1	1560	12.803	7.708	-1.1	1561	14.697	7.708	-1.1
1562	13.277	7.709	-1.1	1563	14.223	7.709	-1.1	1564	13.75	7.711	-1.1	1565	-0.5	8.181	-1.1
1566	-0.125	8.181	-1.1	1567	0.25	8.181	-1.1	1568	27.25	8.181	-1.1	1569	27.625	8.181	-1.1
1570	28	8.181	-1.1	1571	0.734	8.182	-1.1	1572	26.766	8.182	-1.1	1573	1.218	8.183	-1.1
1574	26.282	8.183	-1.1	1575	1.702	8.184	-1.1	1576	25.798	8.184	-1.1	1577	2.186	8.186	-1.1
1578	25.314	8.186	-1.1	1579	2.67	8.187	-1.1	1580	24.83	8.187	-1.1	1581	3.154	8.188	-1.1
1582	24.346	8.188	-1.1	1583	3.638	8.19	-1.1	1584	23.862	8.19	-1.1	1585	4.122	8.191	-1.1
1586	23.378	8.191	-1.1	1587	4.606	8.192	-1.1	1588	22.894	8.192	-1.1	1589	5.09	8.194	-1.1
1590	22.41	8.194	-1.1	1591	5.574	8.195	-1.1	1592	21.926	8.195	-1.1	1593	6.058	8.196	-1.1
1594	21.442	8.196	-1.1	1595	6.542	8.197	-1.1	1596	20.958	8.197	-1.1	1597	7.026	8.199	-1.1
1598	20.474	8.199	-1.1	1599	7.51	8.2	-1.1	1600	19.99	8.2	-1.1	1601	7.994	8.201	-1.1
1602	19.506	8.201	-1.1	1603	8.478	8.203	-1.1	1604	19.022	8.203	-1.1	1605	8.961	8.204	-1.1
1606	18.539	8.204	-1.1	1607	9.445	8.205	-1.1	1608	18.055	8.205	-1.1	1609	9.929	8.206	-1.1
1610	17.571	8.206	-1.1	1611	10.412	8.208	-1.1	1612	17.088	8.208	-1.1	1613	10.894	8.209	-1.1
1614	16.606	8.209	-1.1	1615	11.374	8.21	-1.1	1616	16.126	8.21	-1.1	1617	11.852	8.212	-1.1
1618	15.648	8.212	-1.1	1619	12.328	8.213	-1.1	1620	15.172	8.213	-1.1	1621	12.802	8.214	-1.1
1622	14.698	8.214	-1.1	1623	13.276	8.215	-1.1	1624	14.224	8.215	-1.1	1625	13.75	8.217	-1.1
1626	-0.5	8.683	-1.1	1627	-0.125	8.683	-1.1	1628	0.25	8.683	-1.1	1629	27.25	8.683	-1.1
1630	27.625	8.683	-1.1	1631	28	8.683	-1.1	1632	0.734	8.685	-1.1	1633	26.766	8.685	-1.1
1634	1.218	8.686	-1.1	1635	26.282	8.686	-1.1	1636	1.702	8.688	-1.1	1637	25.798	8.688	-1.1
1638	2.186	8.689	-1.1	1639	25.314	8.689	-1.1	1640	2.67	8.69	-1.1	1641	24.83	8.69	-1.1
1642	3.153	8.692	-1.1	1643	24.347	8.692	-1.1	1644	3.637	8.693	-1.1	1645	23.863	8.693	-1.1
1646	4.121	8.695	-1.1	1647	23.379	8.695	-1.1	1648	4.605	8.696	-1.1	1649	22.895	8.696	-1.1
1650	5.089	8.697	-1.1	1651	22.411	8.697	-1.1	1652	5.573	8.699	-1.1	1653	21.927	8.699	-1.1
1654	6.057	8.7	-1.1	1655	21.443	8.7	-1.1	1656	6.541	8.702	-1.1	1657	20.959	8.702	-1.1
1658	7.025	8.703	-1.1	1659	20.475	8.703	-1.1	1660	7.508	8.705	-1.1	1661	19.992	8.705	-1.1
1662	7.992	8.706	-1.1	1663	19.508	8.706	-1.1	1664	8.476	8.707	-1.1	1665	19.024	8.707	-1.1
1666	8.96	8.709	-1.1	1667	18.54	8.709	-1.1	1668	9.444	8.71	-1.1	1669	18.056	8.71	-1.1
1670	9.928	8.712	-1.1	1671	17.572	8.712	-1.1	1672	10.411	8.713	-1.1	1673	17.089	8.713	-1.1
1674	10.893	8.714	-1.1	1675	16.607	8.714	-1.1	1676	11.373	8.716	-1.1	1677	16.127	8.716	-1.1
1678	11.851	8.717	-1.1	1679	15.649	8.717	-1.1	1680	12.327	8.719	-1.1	1681	15.173	8.719	-1.1
1682	12.802	8.72	-1.1	1683	14.698	8.72	-1.1	1684	13.276	8.721	-1.1	1685	14.224	8.721	-1.1
1686	13.75	8.723	-1.1	1687	-0.5	9.186	-1.1	1688	-0.125	9.186	-1.1	1689	0.25	9.186	-1.1
1690	27.25	9.186	-1.1	1691	27.625	9.186	-1.1	1692	28	9.186	-1.1	1693	0.734	9.188	-1.1
1694	26.766	9.188	-1.1	1695	1.218	9.189	-1.1	1696	26.282	9.189	-1.1	1697	1.701	9.191	-1.1
1698	25.799	9.191	-1.1	1699	2.185	9.192	-1.1	1700	25.315	9.192	-1.1	1701	2.669	9.194	-1.1
1702	24.831	9.194	-1.1	1703	3.153	9.195	-1.1	1704	24.347	9.195	-1.1	1705	3.637	9.197	-1.1
1706	23.863	9.197	-1.1	1707	4.121	9.198	-1.1	1708	23.379	9.198	-1.1	1709	4.604	9.2	-1.1
1710	22.896	9.2	-1.1	1711	5.088	9.201	-1.1	1712	22.412	9.201	-1.1	1713	5.572	9.203	-1.1
1714	21.928	9.203	-1.1	1715	6.056	9.204	-1.1	1716	21.444	9.204	-1.1	1717	6.54	9.206	-1.1
1718	20.96	9.206	-1.1	1719	7.024	9.208	-1.1	1720	20.476	9.208	-1.1	1721	7.507	9.209	-1.1
1722	19.993	9.209	-1.1	1723	7.991	9.211	-1.1	1724	19.509	9.211	-1.1	1725	8.475	9.212	-1.1
1726	19.025	9.212	-1.1	1727	8.959	9.214	-1.1	1728	18.541	9.214	-1.1	1729	9.443	9.215	-1.1
1730	18.057	9.215	-1.1	1731	9.926	9.217	-1.1	1732	17.574	9.217	-1.1	1733	10.409	9.218	-1.1
1734	17.091	9.218	-1.1	1735	10.891	9.22	-1.1	1736	16.609	9.22	-1.1	1737	11.371	9.221	-1.1
1738	16.129	9.221	-1.1	1739	11.849	9.223	-1.1	1740	15.651	9.223	-1.1	1741	12.326	9.224	-1.1
1742	15.174	9.224	-1.1	1743	12.801	9.226	-1.1	1744	14.699	9.226	-1.1	1745	13.276	9.227	-1.1
1746	14.224	9.227	-1.1	1747	13.75	9.229	-1.1	1748	-0.5	9.689	-1.1	1749	-0.125	9.689	-1.1
1750	0.25	9.689	-1.1	1751	27.25	9.689	-1.1	1752	27.625	9.689	-1.1	1753	28	9.689	-1.1
1754	0.734	9.691	-1.1	1755	26.766	9.691	-1.1	1756	1.218	9.692	-1.1	1757	26.282	9.692	-1.1
1758	1.701	9.694	-1.1	1759	25.799	9.694	-1.1	1760	2.185	9.695	-1.1	1761	25.315	9.695	-1.1
1762	2.669	9.697	-1.1	1763	24.831	9.697	-1.1	1764	3.153	9.699	-1.1	1765	24.347	9.699	-1.1
1766	3.636	9.7	-1.1	1767	23.864	9.7	-1.1	1768	4.12	9.702	-1.1	1769	23.38	9.702	-1.1
1770	4.604	9.704	-1.1	1771	22.896	9.704	-1.1	1772	5.088	9.705</					

Indice	Posizione			Indice	Posizione			Indice	Posizione			Indice	Posizione		
	X	Y	Z		X	Y	Z		X	Y	Z		X	Y	Z
1846	19.511	10.22	-1.1	1847	8.473	10.222	-1.1	1848	19.027	10.222	-1.1	1849	8.956	10.223	-1.1
1850	18.544	10.223	-1.1	1851	9.44	10.225	-1.1	1852	18.06	10.225	-1.1	1853	9.923	10.227	-1.1
1854	17.577	10.227	-1.1	1855	10.406	10.229	-1.1	1856	17.094	10.229	-1.1	1857	10.888	10.23	-1.1
1858	16.612	10.23	-1.1	1859	11.368	10.232	-1.1	1860	16.132	10.232	-1.1	1861	11.847	10.234	-1.1
1862	15.653	10.234	-1.1	1863	12.324	10.236	-1.1	1864	15.176	10.236	-1.1	1865	12.8	10.237	-1.1
1866	14.7	10.237	-1.1	1867	13.275	10.239	-1.1	1868	14.225	10.239	-1.1	1869	13.75	10.241	-1.1
1870	-0.5	10.694	-1.1	1871	-0.125	10.694	-1.1	1872	0.25	10.694	-1.1	1873	27.25	10.694	-1.1
1874	27.625	10.694	-1.1	1875	28	10.694	-1.1	1876	0.734	10.696	-1.1	1877	26.766	10.696	-1.1
1878	1.217	10.698	-1.1	1879	26.283	10.698	-1.1	1880	1.701	10.7	-1.1	1881	25.799	10.7	-1.1
1882	2.184	10.702	-1.1	1883	25.316	10.702	-1.1	1884	2.668	10.704	-1.1	1885	24.832	10.704	-1.1
1886	3.152	10.706	-1.1	1887	24.348	10.706	-1.1	1888	3.635	10.708	-1.1	1889	23.865	10.708	-1.1
1890	4.119	10.709	-1.1	1891	23.381	10.709	-1.1	1892	4.602	10.711	-1.1	1893	22.898	10.711	-1.1
1894	5.086	10.713	-1.1	1895	22.414	10.713	-1.1	1896	5.57	10.715	-1.1	1897	21.93	10.715	-1.1
1898	6.053	10.717	-1.1	1899	21.447	10.717	-1.1	1900	6.537	10.719	-1.1	1901	20.963	10.719	-1.1
1902	7.02	10.721	-1.1	1903	20.48	10.721	-1.1	1904	7.504	10.723	-1.1	1905	19.996	10.723	-1.1
1906	7.988	10.725	-1.1	1907	19.512	10.725	-1.1	1908	8.471	10.726	-1.1	1909	19.029	10.726	-1.1
1910	8.955	10.728	-1.1	1911	18.545	10.728	-1.1	1912	9.438	10.73	-1.1	1913	18.062	10.73	-1.1
1914	9.922	10.732	-1.1	1915	17.578	10.732	-1.1	1916	10.405	10.734	-1.1	1917	17.095	10.734	-1.1
1918	10.887	10.736	-1.1	1919	16.613	10.736	-1.1	1920	11.367	10.738	-1.1	1921	16.133	10.738	-1.1
1922	11.846	10.74	-1.1	1923	15.654	10.74	-1.1	1924	12.323	10.741	-1.1	1925	15.177	10.741	-1.1
1926	12.799	10.743	-1.1	1927	14.701	10.743	-1.1	1928	13.275	10.745	-1.1	1929	14.225	10.745	-1.1
1930	13.75	10.747	-1.1	1931	-0.5	11.197	-1.1	1932	-0.125	11.197	-1.1	1933	0.25	11.197	-1.1
1934	27.25	11.197	-1.1	1935	27.625	11.197	-1.1	1936	28	11.197	-1.1	1937	0.734	11.199	-1.1
1938	26.766	11.199	-1.1	1939	11.217	11.201	-1.1	1940	26.283	11.201	-1.1	1941	1.701	11.203	-1.1
1942	25.799	11.203	-1.1	1943	2.184	11.205	-1.1	1944	25.316	11.205	-1.1	1945	2.668	11.207	-1.1
1946	24.832	11.207	-1.1	1947	3.151	11.209	-1.1	1948	24.349	11.209	-1.1	1949	3.635	11.211	-1.1
1950	23.865	11.211	-1.1	1951	4.118	11.213	-1.1	1952	23.382	11.213	-1.1	1953	4.602	11.215	-1.1
1954	22.898	11.215	-1.1	1955	5.085	11.217	-1.1	1956	22.415	11.217	-1.1	1957	5.569	11.219	-1.1
1958	21.931	11.219	-1.1	1959	6.052	11.221	-1.1	1960	21.448	11.221	-1.1	1961	6.536	11.223	-1.1
1962	20.964	11.223	-1.1	1963	7.019	11.225	-1.1	1964	20.481	11.225	-1.1	1965	7.503	11.227	-1.1
1966	19.997	11.227	-1.1	1967	7.987	11.229	-1.1	1968	19.513	11.229	-1.1	1969	8.47	11.231	-1.1
1970	19.03	11.231	-1.1	1971	8.954	11.233	-1.1	1972	18.546	11.233	-1.1	1973	9.437	11.235	-1.1
1974	18.063	11.235	-1.1	1975	9.92	11.237	-1.1	1976	17.58	11.237	-1.1	1977	10.403	11.239	-1.1
1978	17.097	11.239	-1.1	1979	10.885	11.241	-1.1	1980	16.615	11.241	-1.1	1981	11.366	11.243	-1.1
1982	16.134	11.243	-1.1	1983	11.844	11.245	-1.1	1984	15.656	11.245	-1.1	1985	12.322	11.247	-1.1
1986	15.178	11.247	-1.1	1987	12.798	11.249	-1.1	1988	14.702	11.249	-1.1	1989	13.274	11.251	-1.1
1990	14.226	11.251	-1.1	1991	13.75	11.253	-1.1	1992	-0.5	11.7	-1.1	1993	-0.125	11.7	-1.1
1994	0.25	11.7	-1.1	1995	27.25	11.7	-1.1	1996	27.625	11.7	-1.1	1997	28	11.7	-1.1
1998	0.733	11.702	-1.1	1999	26.767	11.702	-1.1	2000	1.217	11.704	-1.1	2001	26.283	11.704	-1.1
2002	1.7	11.706	-1.1	2003	25.8	11.706	-1.1	2004	2.184	11.708	-1.1	2005	25.316	11.708	-1.1
2006	2.667	11.711	-1.1	2007	24.833	11.711	-1.1	2008	3.151	11.713	-1.1	2009	24.349	11.713	-1.1
2010	3.634	11.715	-1.1	2011	23.866	11.715	-1.1	2012	4.118	11.717	-1.1	2013	23.382	11.717	-1.1
2014	4.601	11.719	-1.1	2015	22.899	11.719	-1.1	2016	5.085	11.721	-1.1	2017	22.415	11.721	-1.1
2018	5.568	11.723	-1.1	2019	21.932	11.723	-1.1	2020	6.052	11.725	-1.1	2021	21.448	11.725	-1.1
2022	6.535	11.728	-1.1	2023	20.965	11.728	-1.1	2024	7.018	11.73	-1.1	2025	20.482	11.73	-1.1
2026	7.502	11.732	-1.1	2027	19.998	11.732	-1.1	2028	7.985	11.734	-1.1	2029	19.515	11.734	-1.1
2030	8.469	11.736	-1.1	2031	19.031	11.736	-1.1	2032	8.952	11.738	-1.1	2033	18.548	11.738	-1.1
2034	9.436	11.74	-1.1	2035	18.064	11.74	-1.1	2036	9.919	11.742	-1.1	2037	17.581	11.742	-1.1
2038	10.402	11.744	-1.1	2039	17.098	11.744	-1.1	2040	10.884	11.747	-1.1	2041	16.616	11.747	-1.1
2042	11.364	11.749	-1.1	2043	16.136	11.749	-1.1	2044	11.843	11.751	-1.1	2045	15.657	11.751	-1.1
2046	12.321	11.753	-1.1	2047	15.179	11.753	-1.1	2048	12.798	11.755	-1.1	2049	14.702	11.755	-1.1
2050	13.274	11.757	-1.1	2051	14.226	11.757	-1.1	2052	13.75	11.759	-1.1	2053	13.75	12.075	-1.1
2054	-0.5	12.203	-1.1	2055	-0.125	12.203	-1.1	2056	0.25	12.203	-1.1	2057	27.25	12.203	-1.1
2058	27.625	12.203	-1.1	2059	28	12.203	-1.1	2060	0.733	12.205	-1.1	2061	26.767	12.205	-1.1
2062	1.217	12.207	-1.1	2063	26.283	12.207	-1.1	2064	1.7	12.209	-1.1	2065	25.8	12.209	-1.1
2066	2.184	12.212	-1.1	2067	25.316	12.212	-1.1	2068	2.667	12.214	-1.1	2069	24.833	12.214	-1.1
2070	3.15	12.216	-1.1	2071	24.35	12.216	-1.1	2072	3.634	12.218	-1.1	2073	23.866	12.218	-1.1
2074	4.117	12.221	-1.1	2075	23.383	12.221	-1.1	2076	4.6	12.223	-1.1	2077	22.9	12.223	-1.1
2078	5.084	12.225	-1.1	2079	22.416	12.225	-1.1	2080	5.567	12.227	-1.1	2081	21.933	12.227	-1.1
2082	6.051	12.23	-1.1	2083	21.449	12.23	-1.1	2084	6.534	12.232	-1.1	2085	20.966	12.232	-1.1
2086	7.017	12.234	-1.1	2087	20.483	12.234	-1.1	2088	7.501	12.236	-1.1	2089	19.999	12.236	-1.1
2090	7.984	12.239	-1.1	2091	19.516	12.239	-1.1	2092	8.468	12.241	-1.1	2093	19.032	12.241	-1.1
2094	8.951	12.243	-1.1	2095	18.549	12.243	-1.1	2096	9.434	12.245	-1.1	2097	18.066	12.245	-1.1
2098	9.917	12.247	-1.1	2099	17.583	12.247	-1.1	2100	10.4	12.25	-1.1	2101	17.1	12.25	-1.1
2102	10.882	12.252	-1.1	2103	16.618	12.252	-1.1	2104	11.363	12.254	-1.1	2105	16.137	12.254	-1.1
2106	11.842	12.256	-1.1	2107	15.658	12.256	-1.1	2108	12.32	12.259	-1.1	2109	15.18	12.259	-1.1
2110	12.797	12.261	-1.1	2111	14.703	12.261	-1.1	2112	13.274	12.263	-1.1	2113	14.226	12.263	-1.1
2114	13.75	12.265	-1.1	2115	-0.5	12.706	-1.1	2116	-0.125	12.706	-1.1	2117	0.25	12.706	-1.1
2118	27.25	12.706	-1.1	2119	27.625	12.706	-1.1	2120	28	12.706	-1.1	2121	0.733	12.708	-1.1
2122	26.767	12.708	-1.1	2123	1.217	12.71	-1.1	2124	26.283	12.71	-1.1	2125	1.7	12.713	-1.1
2126	25.8	12.713	-1.1	2127	2.183	12.715	-1.1	2128	25.317	12.715	-1.1	2129	2.667	12.717	-1.1
2130	24.833	12.717	-1.1	2131	3.15	12.72	-1.1	2132	24.35	12.72	-1.1	2133	3.633	12.722	-1.1
2134	23.867	12.722	-1.1	2135	4.117	12.724	-1.1	2136	23.383	12.724	-1.1	2137	4.6	12.727	-1.1
2138	22.9	12.727	-1.1	2139	5.083	12.729	-1.1	2140	22.417	12.729	-1.1	2141	5.566	12.731	-1.1
2142	21.934	12.731	-1.1	2143	6.05	12.734	-1.1	2144	21.45	12.734	-1.1	2145	6.533	12.736	-1.1
2146	20.967	12.736	-1.1	2147	7.016	12.738	-1.1	2148	20.484	12.738	-1.1	2149	7.5	12.741	-1.1
2150	20	12.741	-1.1	2151	7.983	12.743	-1.1	2152	19.517	12.743	-1.1	2153	8.		

Vano di equalizzazione e sedimentazione meccanica

Indice	Posizione			Indice	Posizione			Indice	Posizione			Indice	Posizione		
	X	Y	Z		X	Y	Z		X	Y	Z		X	Y	Z
2234	13.273	13.275	-1.1	2235	14.227	13.275	-1.1	2236	13.75	13.277	-1.1	2237	-0.5	13.711	-1.1
2238	-0.125	13.711	-1.1	2239	0.25	13.711	-1.1	2240	27.25	13.711	-1.1	2241	27.625	13.711	-1.1
2242	28	13.711	-1.1	2243	0.733	13.714	-1.1	2244	26.767	13.714	-1.1	2245	1.216	13.716	-1.1
2246	26.284	13.716	-1.1	2247	1.7	13.719	-1.1	2248	25.8	13.719	-1.1	2249	2.183	13.721	-1.1
2250	25.317	13.721	-1.1	2251	2.666	13.724	-1.1	2252	24.834	13.724	-1.1	2253	3.149	13.727	-1.1
2254	24.351	13.727	-1.1	2255	3.632	13.729	-1.1	2256	23.868	13.729	-1.1	2257	4.115	13.732	-1.1
2258	23.385	13.732	-1.1	2259	4.598	13.734	-1.1	2260	22.902	13.734	-1.1	2261	5.082	13.737	-1.1
2262	22.418	13.737	-1.1	2263	5.565	13.74	-1.1	2264	21.935	13.74	-1.1	2265	6.048	13.742	-1.1
2266	21.452	13.742	-1.1	2267	6.531	13.745	-1.1	2268	20.969	13.745	-1.1	2269	7.014	13.747	-1.1
2270	20.486	13.747	-1.1	2271	7.497	13.75	-1.1	2272	20.003	13.75	-1.1	2273	7.981	13.752	-1.1
2274	19.519	13.752	-1.1	2275	8.464	13.755	-1.1	2276	19.036	13.755	-1.1	2277	8.947	13.758	-1.1
2278	18.553	13.758	-1.1	2279	9.43	13.76	-1.1	2280	18.07	13.76	-1.1	2281	9.913	13.763	-1.1
2282	17.587	13.763	-1.1	2283	10.396	13.765	-1.1	2284	17.104	13.765	-1.1	2285	10.878	13.768	-1.1
2286	16.622	13.768	-1.1	2287	11.359	13.771	-1.1	2288	16.141	13.771	-1.1	2289	11.838	13.773	-1.1
2290	15.662	13.773	-1.1	2291	12.317	13.776	-1.1	2292	15.183	13.776	-1.1	2293	12.795	13.778	-1.1
2294	14.705	13.778	-1.1	2295	13.272	13.781	-1.1	2296	14.228	13.781	-1.1	2297	13.75	13.783	-1.1
2298	-0.5	14.214	-1.1	2299	-0.125	14.214	-1.1	2300	0.25	14.214	-1.1	2301	27.25	14.214	-1.1
2302	27.625	14.214	-1.1	2303	28	14.214	-1.1	2304	0.733	14.217	-1.1	2305	26.767	14.217	-1.1
2306	1.216	14.219	-1.1	2307	26.284	14.219	-1.1	2308	1.699	14.222	-1.1	2309	25.801	14.222	-1.1
2310	2.182	14.225	-1.1	2311	25.318	14.225	-1.1	2312	2.665	14.227	-1.1	2313	24.835	14.227	-1.1
2314	3.149	14.23	-1.1	2315	24.351	14.23	-1.1	2316	3.632	14.233	-1.1	2317	23.868	14.233	-1.1
2318	4.115	14.236	-1.1	2319	23.385	14.236	-1.1	2320	4.598	14.238	-1.1	2321	22.902	14.238	-1.1
2322	5.081	14.241	-1.1	2323	22.419	14.241	-1.1	2324	5.564	14.244	-1.1	2325	21.936	14.244	-1.1
2326	6.047	14.246	-1.1	2327	21.453	14.246	-1.1	2328	6.53	14.249	-1.1	2329	20.97	14.249	-1.1
2330	7.013	14.252	-1.1	2331	20.487	14.252	-1.1	2332	7.496	14.254	-1.1	2333	20.004	14.254	-1.1
2334	7.979	14.257	-1.1	2335	19.521	14.257	-1.1	2336	8.463	14.26	-1.1	2337	19.037	14.26	-1.1
2338	8.946	14.263	-1.1	2339	18.554	14.263	-1.1	2340	9.429	14.265	-1.1	2341	18.071	14.265	-1.1
2342	9.912	14.268	-1.1	2343	17.588	14.268	-1.1	2344	10.394	14.271	-1.1	2345	17.106	14.271	-1.1
2346	10.876	14.273	-1.1	2347	16.624	14.273	-1.1	2348	11.357	14.276	-1.1	2349	16.143	14.276	-1.1
2350	11.837	14.279	-1.1	2351	15.663	14.279	-1.1	2352	12.316	14.281	-1.1	2353	15.184	14.281	-1.1
2354	12.794	14.284	-1.1	2355	14.706	14.284	-1.1	2356	13.272	14.287	-1.1	2357	14.228	14.287	-1.1
2358	13.75	14.289	-1.1	2359	-0.5	14.717	-1.1	2360	-0.125	14.717	-1.1	2361	0.25	14.717	-1.1
2362	27.25	14.717	-1.1	2363	27.625	14.717	-1.1	2364	28	14.717	-1.1	2365	0.733	14.719	-1.1
2366	26.767	14.719	-1.1	2367	1.216	14.722	-1.1	2368	26.284	14.722	-1.1	2369	1.699	14.725	-1.1
2370	25.801	14.725	-1.1	2371	2.182	14.728	-1.1	2372	25.318	14.728	-1.1	2373	2.665	14.731	-1.1
2374	24.835	14.731	-1.1	2375	3.148	14.734	-1.1	2376	24.352	14.734	-1.1	2377	3.631	14.736	-1.1
2378	23.869	14.736	-1.1	2379	4.114	14.739	-1.1	2380	23.386	14.739	-1.1	2381	4.597	14.742	-1.1
2382	22.903	14.742	-1.1	2383	5.08	14.745	-1.1	2384	22.42	14.745	-1.1	2385	5.563	14.748	-1.1
2386	21.937	14.748	-1.1	2387	6.046	14.75	-1.1	2388	21.454	14.75	-1.1	2389	6.529	14.753	-1.1
2390	20.971	14.753	-1.1	2391	7.012	14.756	-1.1	2392	20.488	14.756	-1.1	2393	7.495	14.759	-1.1
2394	20.005	14.759	-1.1	2395	7.978	14.762	-1.1	2396	19.522	14.762	-1.1	2397	8.461	14.765	-1.1
2398	19.039	14.765	-1.1	2399	8.944	14.767	-1.1	2400	18.556	14.767	-1.1	2401	9.427	14.77	-1.1
2402	18.073	14.77	-1.1	2403	9.91	14.773	-1.1	2404	17.59	14.773	-1.1	2405	10.393	14.776	-1.1
2406	17.107	14.776	-1.1	2407	10.875	14.779	-1.1	2408	16.625	14.779	-1.1	2409	11.356	14.781	-1.1
2410	16.144	14.781	-1.1	2411	11.836	14.784	-1.1	2412	15.664	14.784	-1.1	2413	12.315	14.787	-1.1
2414	15.185	14.787	-1.1	2415	12.794	14.79	-1.1	2416	14.706	14.79	-1.1	2417	13.272	14.793	-1.1
2418	14.228	14.793	-1.1	2419	13.75	14.795	-1.1	2420	-0.5	15.219	-1.1	2421	-0.125	15.219	-1.1
2422	0.25	15.219	-1.1	2423	27.25	15.219	-1.1	2424	27.625	15.219	-1.1	2425	28	15.219	-1.1
2426	0.733	15.222	-1.1	2427	26.767	15.222	-1.1	2428	1.216	15.225	-1.1	2429	26.284	15.225	-1.1
2430	1.699	15.228	-1.1	2431	25.801	15.228	-1.1	2432	2.182	15.231	-1.1	2433	25.318	15.231	-1.1
2434	2.665	15.234	-1.1	2435	24.835	15.234	-1.1	2436	3.148	15.237	-1.1	2437	24.352	15.237	-1.1
2438	3.631	15.24	-1.1	2439	23.869	15.24	-1.1	2440	4.114	15.243	-1.1	2441	23.386	15.243	-1.1
2442	4.597	15.246	-1.1	2443	22.903	15.246	-1.1	2444	5.079	15.249	-1.1	2445	22.421	15.249	-1.1
2446	5.562	15.252	-1.1	2447	21.938	15.252	-1.1	2448	6.045	15.255	-1.1	2449	21.455	15.255	-1.1
2450	6.528	15.258	-1.1	2451	20.972	15.258	-1.1	2452	7.011	15.261	-1.1	2453	20.489	15.261	-1.1
2454	7.494	15.263	-1.1	2455	20.006	15.263	-1.1	2456	7.977	15.266	-1.1	2457	19.523	15.266	-1.1
2458	8.46	15.269	-1.1	2459	19.04	15.269	-1.1	2460	8.943	15.272	-1.1	2461	18.557	15.272	-1.1
2462	9.426	15.275	-1.1	2463	18.074	15.275	-1.1	2464	9.909	15.278	-1.1	2465	17.591	15.278	-1.1
2466	10.391	15.281	-1.1	2467	17.109	15.281	-1.1	2468	10.873	15.284	-1.1	2469	16.627	15.284	-1.1
2470	11.354	15.287	-1.1	2471	16.146	15.287	-1.1	2472	11.835	15.29	-1.1	2473	15.665	15.29	-1.1
2474	12.314	15.293	-1.1	2475	15.186	15.293	-1.1	2476	12.793	15.296	-1.1	2477	14.707	15.296	-1.1
2478	13.271	15.299	-1.1	2479	14.229	15.299	-1.1	2480	13.75	15.302	-1.1	2481	-0.5	15.722	-1.1
2482	-0.125	15.722	-1.1	2483	0.25	15.722	-1.1	2484	27.25	15.722	-1.1	2485	27.625	15.722	-1.1
2486	28	15.722	-1.1	2487	0.733	15.725	-1.1	2488	26.767	15.725	-1.1	2489	1.216	15.728	-1.1
2490	26.284	15.728	-1.1	2491	1.699	15.731	-1.1	2492	25.801	15.731	-1.1	2493	2.181	15.734	-1.1
2494	25.319	15.734	-1.1	2495	2.664	15.737	-1.1	2496	24.836	15.737	-1.1	2497	3.147	15.741	-1.1
2498	24.353	15.741	-1.1	2499	3.63	15.744	-1.1	2500	23.87	15.744	-1.1	2501	4.113	15.747	-1.1
2502	23.387	15.747	-1.1	2503	4.596	15.75	-1.1	2504	22.904	15.75	-1.1	2505	5.079	15.753	-1.1
2506	22.421	15.753	-1.1	2507	5.562	15.756	-1.1	2508	21.938	15.756	-1.1	2509	6.044	15.759	-1.1
2510	21.456	15.759	-1.1	2511	6.527	15.762	-1.1	2512	20.973	15.762	-1.1	2513	7.01	15.765	-1.1
2514	20.49	15.765	-1.1	2515	7.493	15.768	-1.1	2516	20.007	15.768	-1.1	2517	7.976	15.771	-1.1
2518	19.524	15.771	-1.1	2519	8.459	15.774	-1.1	2520	19.041	15.774	-1.1	2521	8.942	15.777	-1.1
2522	18.558	15.777	-1.1	2523	9.424	15.78	-1.1	2524	18.076	15.78	-1.1	2525	9.907	15.783	-1.1
2526	17.593	15.783	-1.1	2527	10.39	15.786	-1.1	2528	17.11	15.786	-1.1	2529	10.872	15.789	-1.1
2530	16.628	15.789	-1.1	2531	11.353	15.792	-1.1	2532	16.147	15.792	-1.1	2533	11.833	15.795	-1.1
2534	15.667	15.795	-1.1	2535	12.313	15.798	-1.1	2536	15.187	15.798	-1.1	2537	12.792	15.802	-1.1
2538	14.708	15.802	-1.1	2539	13.271	15.805	-1.1	25							

Indice	Posizione			Indice	Posizione			Indice	Posizione			Indice	Posizione		
	X	Y	Z		X	Y	Z		X	Y	Z		X	Y	Z
2622	23.871	16.751	-1.1	2623	4.112	16.754	-1.1	2624	23.388	16.754	-1.1	2625	4.595	16.757	-1.1
2626	22.905	16.757	-1.1	2627	5.077	16.761	-1.1	2628	22.423	16.761	-1.1	2629	5.56	16.764	-1.1
2630	21.94	16.764	-1.1	2631	6.043	16.767	-1.1	2632	21.457	16.767	-1.1	2633	6.525	16.777	-1.1
2634	20.975	16.77	-1.1	2635	7.008	16.774	-1.1	2636	20.492	16.774	-1.1	2637	7.491	16.777	-1.1
2638	20.009	16.777	-1.1	2639	7.974	16.78	-1.1	2640	19.526	16.78	-1.1	2641	8.456	16.784	-1.1
2642	19.044	16.784	-1.1	2643	8.939	16.787	-1.1	2644	18.561	16.787	-1.1	2645	9.422	16.79	-1.1
2646	18.078	16.79	-1.1	2647	9.904	16.793	-1.1	2648	17.596	16.793	-1.1	2649	10.387	16.797	-1.1
2650	17.113	16.797	-1.1	2651	10.869	16.8	-1.1	2652	16.631	16.8	-1.1	2653	11.35	16.803	-1.1
2654	16.15	16.803	-1.1	2655	11.831	16.807	-1.1	2656	15.669	16.807	-1.1	2657	12.311	16.81	-1.1
2658	15.189	16.81	-1.1	2659	12.791	16.813	-1.1	2660	14.709	16.813	-1.1	2661	13.27	16.816	-1.1
2662	14.23	16.816	-1.1	2663	13.75	16.82	-1.1	2664	-0.5	17.231	-1.1	2665	-0.125	17.231	-1.1
2666	0.25	17.231	-1.1	2667	27.25	17.231	-1.1	2668	27.625	17.231	-1.1	2669	28	17.231	-1.1
2670	0.733	17.234	-1.1	2671	26.767	17.234	-1.1	2672	1.215	17.237	-1.1	2673	26.285	17.237	-1.1
2674	1.698	17.241	-1.1	2675	25.802	17.241	-1.1	2676	2.181	17.244	-1.1	2677	25.319	17.244	-1.1
2678	2.663	17.248	-1.1	2679	24.837	17.248	-1.1	2680	3.146	17.251	-1.1	2681	24.354	17.251	-1.1
2682	3.629	17.254	-1.1	2683	23.871	17.254	-1.1	2684	4.111	17.258	-1.1	2685	23.389	17.258	-1.1
2686	4.594	17.261	-1.1	2687	22.906	17.261	-1.1	2688	5.077	17.264	-1.1	2689	22.423	17.264	-1.1
2690	5.559	17.268	-1.1	2691	21.941	17.268	-1.1	2692	6.042	17.271	-1.1	2693	21.458	17.271	-1.1
2694	6.524	17.275	-1.1	2695	20.976	17.275	-1.1	2696	7.007	17.278	-1.1	2697	20.493	17.278	-1.1
2698	7.49	17.281	-1.1	2699	20.01	17.281	-1.1	2700	7.972	17.285	-1.1	2701	19.528	17.285	-1.1
2702	8.455	17.288	-1.1	2703	19.045	17.288	-1.1	2704	8.938	17.292	-1.1	2705	18.562	17.292	-1.1
2706	9.42	17.295	-1.1	2707	18.08	17.295	-1.1	2708	9.903	17.298	-1.1	2709	17.597	17.298	-1.1
2710	10.385	17.302	-1.1	2711	17.115	17.302	-1.1	2712	10.867	17.305	-1.1	2713	16.633	17.305	-1.1
2714	11.349	17.309	-1.1	2715	16.151	17.309	-1.1	2716	11.83	17.312	-1.1	2717	15.67	17.312	-1.1
2718	12.31	17.315	-1.1	2719	15.19	17.315	-1.1	2720	12.79	17.319	-1.1	2721	14.71	17.319	-1.1
2722	13.27	17.322	-1.1	2723	14.23	17.322	-1.1	2724	13.75	17.326	-1.1	2725	-0.5	17.733	-1.1
2726	-0.125	17.733	-1.1	2727	0.25	17.733	-1.1	2728	27.25	17.733	-1.1	2729	27.625	17.733	-1.1
2730	28	17.733	-1.1	2731	0.733	17.737	-1.1	2732	26.767	17.737	-1.1	2733	1.215	17.74	-1.1
2734	26.285	17.74	-1.1	2735	1.698	17.744	-1.1	2736	25.802	17.744	-1.1	2737	2.18	17.747	-1.1
2738	25.32	17.747	-1.1	2739	2.663	17.751	-1.1	2740	24.837	17.751	-1.1	2741	3.145	17.754	-1.1
2742	24.355	17.754	-1.1	2743	3.628	17.758	-1.1	2744	23.872	17.758	-1.1	2745	4.111	17.761	-1.1
2746	23.389	17.761	-1.1	2747	4.593	17.765	-1.1	2748	22.907	17.765	-1.1	2749	5.076	17.768	-1.1
2750	22.424	17.768	-1.1	2751	5.558	17.772	-1.1	2752	21.942	17.772	-1.1	2753	6.041	17.775	-1.1
2754	21.459	17.775	-1.1	2755	6.523	17.778	-1.1	2756	20.977	17.778	-1.1	2757	7.006	17.782	-1.1
2758	20.494	17.782	-1.1	2759	7.489	17.785	-1.1	2760	20.011	17.785	-1.1	2761	7.971	17.789	-1.1
2762	19.529	17.789	-1.1	2763	8.454	17.792	-1.1	2764	19.046	17.792	-1.1	2765	8.936	17.796	-1.1
2766	18.564	17.796	-1.1	2767	9.419	17.799	-1.1	2768	18.081	17.799	-1.1	2769	9.901	17.803	-1.1
2770	17.599	17.803	-1.1	2771	10.384	17.806	-1.1	2772	17.116	17.806	-1.1	2773	10.866	17.81	-1.1
2774	16.634	17.81	-1.1	2775	11.347	17.813	-1.1	2776	16.153	17.813	-1.1	2777	11.829	17.817	-1.1
2778	15.671	17.817	-1.1	2779	12.309	17.82	-1.1	2780	15.191	17.82	-1.1	2781	12.79	17.824	-1.1
2782	14.71	17.824	-1.1	2783	13.27	17.828	-1.1	2784	14.23	17.828	-1.1	2785	13.75	17.832	-1.1
2786	-0.5	18.236	-1.1	2787	-0.125	18.236	-1.1	2788	0.25	18.236	-1.1	2789	27.25	18.236	-1.1
2790	27.625	18.236	-1.1	2791	28	18.236	-1.1	2792	0.733	18.24	-1.1	2793	26.767	18.24	-1.1
2794	1.215	18.243	-1.1	2795	26.285	18.243	-1.1	2796	1.698	18.247	-1.1	2797	25.802	18.247	-1.1
2798	2.18	18.25	-1.1	2799	25.32	18.25	-1.1	2800	2.663	18.253	-1.1	2801	24.837	18.253	-1.1
2802	3.145	18.257	-1.1	2803	24.355	18.257	-1.1	2804	3.628	18.26	-1.1	2805	23.872	18.26	-1.1
2806	4.11	18.264	-1.1	2807	23.39	18.264	-1.1	2808	4.593	18.267	-1.1	2809	22.907	18.267	-1.1
2810	5.075	18.271	-1.1	2811	22.425	18.271	-1.1	2812	5.558	18.274	-1.1	2813	21.942	18.274	-1.1
2814	6.04	18.278	-1.1	2815	21.46	18.278	-1.1	2816	6.523	18.281	-1.1	2817	20.977	18.281	-1.1
2818	7.005	18.285	-1.1	2819	20.495	18.285	-1.1	2820	7.488	18.288	-1.1	2821	20.012	18.288	-1.1
2822	7.97	18.292	-1.1	2823	19.53	18.292	-1.1	2824	8.453	18.295	-1.1	2825	19.047	18.295	-1.1
2826	8.935	18.299	-1.1	2827	18.565	18.299	-1.1	2828	9.417	18.302	-1.1	2829	18.083	18.302	-1.1
2830	9.9	18.306	-1.1	2831	17.6	18.306	-1.1	2832	10.382	18.309	-1.1	2833	17.118	18.309	-1.1
2834	10.864	18.313	-1.1	2835	16.636	18.313	-1.1	2836	11.346	18.316	-1.1	2837	16.154	18.316	-1.1
2838	11.827	18.319	-1.1	2839	15.673	18.319	-1.1	2840	12.308	18.323	-1.1	2841	15.192	18.323	-1.1
2842	12.789	18.327	-1.1	2843	14.711	18.327	-1.1	2844	13.269	18.332	-1.1	2845	14.231	18.332	-1.1
2846	13.75	18.338	-1.1	2847	-0.5	18.739	-1.1	2848	-0.125	18.739	-1.1	2849	0.25	18.739	-1.1
2850	27.25	18.739	-1.1	2851	27.625	18.739	-1.1	2852	28	18.739	-1.1	2853	0.732	18.742	-1.1
2854	26.768	18.742	-1.1	2855	1.215	18.745	-1.1	2856	26.285	18.745	-1.1	2857	1.697	18.749	-1.1
2858	25.803	18.749	-1.1	2859	2.18	18.752	-1.1	2860	25.32	18.752	-1.1	2861	2.662	18.755	-1.1
2862	24.838	18.755	-1.1	2863	3.145	18.759	-1.1	2864	24.355	18.759	-1.1	2865	3.627	18.762	-1.1
2866	23.873	18.762	-1.1	2867	4.109	18.765	-1.1	2868	23.391	18.765	-1.1	2869	4.592	18.769	-1.1
2870	22.908	18.769	-1.1	2871	5.074	18.772	-1.1	2872	22.426	18.772	-1.1	2873	5.557	18.775	-1.1
2874	21.943	18.775	-1.1	2875	6.039	18.779	-1.1	2876	21.461	18.779	-1.1	2877	6.522	18.782	-1.1
2878	20.978	18.782	-1.1	2879	7.004	18.785	-1.1	2880	20.496	18.785	-1.1	2881	7.486	18.788	-1.1
2882	20.014	18.788	-1.1	2883	7.969	18.792	-1.1	2884	19.531	18.792	-1.1	2885	8.451	18.795	-1.1
2886	19.049	18.795	-1.1	2887	8.934	18.798	-1.1	2888	18.566	18.798	-1.1	2889	9.416	18.802	-1.1
2890	18.084	18.802	-1.1	2891	9.898	18.805	-1.1	2892	17.602	18.805	-1.1	2893	10.381	18.808	-1.1
2894	17.119	18.808	-1.1	2895	10.863	18.812	-1.1	2896	16.637	18.812	-1.1	2897	11.345	18.815	-1.1
2898	16.155	18.815	-1.1	2899	11.826	18.818	-1.1	2900	15.674	18.818	-1.1	2901	12.307	18.822	-1.1
2902	15.193	18.822	-1.1	2903	12.788	18.826	-1.1	2904	14.712	18.826	-1.1	2905	13.269	18.833	-1.1
2906	14.231	18.833	-1.1	2907	13.75	18.844	-1.1	2908	-0.5	19.242	-1.1	2909	-0.125	19.242	-1.1
2910	0.25	19.242	-1.1	2911	27.25	19.242	-1.1	2912	27.625	19.242	-1.1	2913	28	19.242	-1.1
2914	0.732	19.245	-1.1	2915	26.768	19.245	-1.1	2916	1.215	19.247	-1.1	2917	26.285	19.247	-1.1
2918	1.697	19.25	-1.1	2919	25.803	19.25	-1.1	2920	2.179	19.253	-1.1	2921	25.321	19.253	-1.1
2922	2.662	19.256	-1.1	2923	24.838	19.256	-1.1	2924	3.144	19.259	-1.1	2925	24.356	19.259	-1.1
2926	3.627	19.262	-1.1	2927	23.873	19.262	-1.1	2928	4.109	19.265					

Indice	Posizione			Indice	Posizione			Indice	Posizione			Indice	Posizione		
	X	Y	Z		X	Y	Z		X	Y	Z		X	Y	Z
3010	18.569	19.783	-1.1	3011	9.413	19.785	-1.1	3012	18.087	19.785	-1.1	3013	9.896	19.787	-1.1
3014	17.604	19.787	-1.1	3015	10.378	19.789	-1.1	3016	17.122	19.789	-1.1	3017	10.86	19.791	-1.1
3018	16.64	19.791	-1.1	3019	11.342	19.794	-1.1	3020	16.158	19.794	-1.1	3021	11.824	19.796	-1.1
3022	15.676	19.796	-1.1	3023	12.305	19.798	-1.1	3024	15.195	19.798	-1.1	3025	12.787	19.802	-1.1
3026	14.713	19.802	-1.1	3027	13.268	19.807	-1.1	3028	14.232	19.807	-1.1	3029	13.75	19.817	-1.1
3030	-0.5	20.247	-1.1	3031	-0.125	20.247	-1.1	3032	0.25	20.247	-1.1	3033	27.25	20.247	-1.1
3034	27.625	20.247	-1.1	3035	28	20.247	-1.1	3036	0.732	20.248	-1.1	3037	26.768	20.248	-1.1
3038	1.214	20.249	-1.1	3039	26.286	20.249	-1.1	3040	1.697	20.251	-1.1	3041	25.803	20.251	-1.1
3042	2.179	20.252	-1.1	3043	25.321	20.252	-1.1	3044	2.661	20.253	-1.1	3045	24.839	20.253	-1.1
3046	3.143	20.254	-1.1	3047	24.357	20.254	-1.1	3048	3.626	20.255	-1.1	3049	23.874	20.255	-1.1
3050	4.108	20.256	-1.1	3051	23.392	20.256	-1.1	3052	4.59	20.257	-1.1	3053	22.91	20.257	-1.1
3054	5.072	20.259	-1.1	3055	22.428	20.259	-1.1	3056	5.554	20.26	-1.1	3057	21.946	20.26	-1.1
3058	6.037	20.261	-1.1	3059	21.463	20.261	-1.1	3060	6.519	20.262	-1.1	3061	20.981	20.262	-1.1
3062	7.001	20.263	-1.1	3063	20.499	20.263	-1.1	3064	7.483	20.264	-1.1	3065	20.017	20.264	-1.1
3066	7.965	20.265	-1.1	3067	19.535	20.265	-1.1	3068	8.448	20.267	-1.1	3069	19.052	20.267	-1.1
3070	8.93	20.268	-1.1	3071	18.57	20.268	-1.1	3072	9.412	20.269	-1.1	3073	18.088	20.269	-1.1
3074	9.894	20.27	-1.1	3075	17.606	20.27	-1.1	3076	10.376	20.271	-1.1	3077	17.124	20.271	-1.1
3078	10.859	20.272	-1.1	3079	16.641	20.272	-1.1	3080	11.341	20.273	-1.1	3081	16.159	20.273	-1.1
3082	11.823	20.275	-1.1	3083	15.677	20.275	-1.1	3084	12.304	20.276	-1.1	3085	15.196	20.276	-1.1
3086	12.786	20.277	-1.1	3087	14.714	20.277	-1.1	3088	13.268	20.28	-1.1	3089	14.232	20.28	-1.1
3090	13.75	20.283	-1.1	3091	-0.5	20.75	-1.1	3092	-0.125	20.75	-1.1	3093	0.25	20.75	-1.1
3094	0.732	20.75	-1.1	3095	1.214	20.75	-1.1	3096	1.696	20.75	-1.1	3097	2.179	20.75	-1.1
3098	2.661	20.75	-1.1	3099	3.143	20.75	-1.1	3100	3.625	20.75	-1.1	3101	4.107	20.75	-1.1
3102	4.589	20.75	-1.1	3103	5.071	20.75	-1.1	3104	5.554	20.75	-1.1	3105	6.036	20.75	-1.1
3106	6.518	20.75	-1.1	3107	7	20.75	-1.1	3108	7.482	20.75	-1.1	3109	7.964	20.75	-1.1
3110	8.446	20.75	-1.1	3111	8.929	20.75	-1.1	3112	9.411	20.75	-1.1	3113	9.893	20.75	-1.1
3114	10.375	20.75	-1.1	3115	10.857	20.75	-1.1	3116	11.339	20.75	-1.1	3117	11.821	20.75	-1.1
3118	12.304	20.75	-1.1	3119	12.786	20.75	-1.1	3120	13.268	20.75	-1.1	3121	13.75	20.75	-1.1
3122	14.232	20.75	-1.1	3123	14.714	20.75	-1.1	3124	15.196	20.75	-1.1	3125	15.679	20.75	-1.1
3126	16.161	20.75	-1.1	3127	16.643	20.75	-1.1	3128	17.125	20.75	-1.1	3129	17.607	20.75	-1.1
3130	18.089	20.75	-1.1	3131	18.571	20.75	-1.1	3132	19.054	20.75	-1.1	3133	19.536	20.75	-1.1
3134	20.018	20.75	-1.1	3135	20.5	20.75	-1.1	3136	20.982	20.75	-1.1	3137	21.464	20.75	-1.1
3138	21.946	20.75	-1.1	3139	22.429	20.75	-1.1	3140	22.911	20.75	-1.1	3141	23.393	20.75	-1.1
3142	23.875	20.75	-1.1	3143	24.357	20.75	-1.1	3144	24.839	20.75	-1.1	3145	25.321	20.75	-1.1
3146	25.804	20.75	-1.1	3147	26.286	20.75	-1.1	3148	26.768	20.75	-1.1	3149	27.25	20.75	-1.1
3150	27.625	20.75	-1.1	3151	28	20.75	-1.1	3152	2.889	20.967	-1.1	3153	10.623	20.967	-1.1
3154	16.482	21.061	-1.1	3155	24.028	21.061	-1.1	3156	2.265	21.083	-1.1	3157	11.245	21.083	-1.1
3158	1.738	21.114	-1.1	3159	11.77	21.114	-1.1	3160	15.965	21.114	-1.1	3161	24.544	21.114	-1.1
3162	12.271	21.122	-1.1	3163	1.238	21.122	-1.1	3164	15.468	21.123	-1.1	3165	25.04	21.123	-1.1
3166	12.765	21.124	-1.1	3167	0.743	21.124	-1.1	3168	14.971	21.125	-1.1	3169	25.532	21.125	-1.1
3170	13.257	21.125	-1.1	3171	26.03	21.125	-1.1	3172	14.445	21.125	-1.1	3173	26.556	21.125	-1.1
3174	-0.5	21.125	-1.1	3175	0.25	21.125	-1.1	3176	13.75	21.125	-1.1	3177	27.25	21.125	-1.1
3178	27.625	21.125	-1.1	3179	28	21.125	-1.1	3180	-0.031	21.125	-1.1	3181	-0.5	21.5	-1.1
3182	0.25	21.5	-1.1	3183	0.75	21.5	-1.1	3184	1.25	21.5	-1.1	3185	1.75	21.5	-1.1
3186	2.25	21.5	-1.1	3187	2.75	21.5	-1.1	3188	3.25	21.5	-1.1	3189	3.75	21.5	-1.1
3190	4.25	21.5	-1.1	3191	4.75	21.5	-1.1	3192	5.25	21.5	-1.1	3193	5.75	21.5	-1.1
3194	6.25	21.5	-1.1	3195	6.75	21.5	-1.1	3196	7.25	21.5	-1.1	3197	7.75	21.5	-1.1
3198	8.25	21.5	-1.1	3199	8.75	21.5	-1.1	3200	9.25	21.5	-1.1	3201	9.75	21.5	-1.1
3202	10.25	21.5	-1.1	3203	10.75	21.5	-1.1	3204	11.25	21.5	-1.1	3205	11.75	21.5	-1.1
3206	12.25	21.5	-1.1	3207	12.75	21.5	-1.1	3208	13.25	21.5	-1.1	3209	13.75	21.5	-1.1
3210	14.25	21.5	-1.1	3211	14.75	21.5	-1.1	3212	15.25	21.5	-1.1	3213	15.75	21.5	-1.1
3214	16.25	21.5	-1.1	3215	16.75	21.5	-1.1	3216	17.25	21.5	-1.1	3217	17.75	21.5	-1.1
3218	18.25	21.5	-1.1	3219	18.75	21.5	-1.1	3220	19.25	21.5	-1.1	3221	19.75	21.5	-1.1
3222	20.25	21.5	-1.1	3223	20.75	21.5	-1.1	3224	21.25	21.5	-1.1	3225	21.75	21.5	-1.1
3226	22.25	21.5	-1.1	3227	22.75	21.5	-1.1	3228	23.25	21.5	-1.1	3229	23.75	21.5	-1.1
3230	24.25	21.5	-1.1	3231	24.75	21.5	-1.1	3232	25.25	21.5	-1.1	3233	25.75	21.5	-1.1
3234	26.25	21.5	-1.1	3235	26.75	21.5	-1.1	3236	27.25	21.5	-1.1	3237	27.625	21.5	-1.1
3238	28	21.5	-1.1	3239	18.066	0.25	-1.096	3240	19.705	0.25	-1.087	3241	12.043	0.25	-1.086
3242	17.556	0.25	-1.079	3243	11.4	2.17	-1.076	3244	16.1	2.17	-1.076	3245	17.059	0.25	-1.063
3246	11.4	1.69	-1.062	3247	16.1	1.69	-1.062	3248	11.4	1.21	-1.052	3249	16.1	1.21	-1.052
3250	11.769	0.25	-1.051	3251	16.574	0.25	-1.049	3252	11.4	0.73	-1.043	3253	16.1	0.73	-1.043
3254	14.709	0.25	-1.041	3255	14.991	0.25	-1.041	3256	12.445	0.25	-1.036	3257	12.516	0.25	-1.034
3258	12.834	0.25	-1.034	3259	11.4	0.25	-1.034	3260	16.1	0.25	-1.034	3261	12.297	0.25	-1.034
3262	20.252	0.25	-1.029	3263	15.751	0.25	-1.016	3264	14.048	0.25	-1.006	3265	11.018	0.25	-0.998
3266	15.558	0.25	-0.996	3267	13.73	0.25	-0.986	3268	20.789	0.25	-0.976	3269	15.284	0.25	-0.965
3270	10.655	0.25	-0.962	3271	14.251	0.25	-0.952	3272	10.265	0.25	-0.938	3273	21.315	0.25	-0.932
3274	12.975	0.25	-0.928	3275	14.442	0.25	-0.924	3276	13.153	0.25	-0.919	3277	9.834	0.25	-0.913
3278	14.598	0.25	-0.909	3279	21.831	0.25	-0.901	3280	14.65	0.25	-0.9	3281	15.05	0.25	-0.9
3282	9.389	0.25	-0.899	3283	12.358	0.25	-0.898	3284	8.932	0.25	-0.886	3285	13.353	0.25	-0.884
3286	22.339	0.25	-0.878	3287	8.466	0.25	-0.876	3288	12.45	0.25	-0.875	3289	12.9	0.25	-0.875
3290	12.428	0.25	-0.874	3291	7.994	0.25	-0.873	3292	7.517	0.25	-0.872	3293	7.035	0.25	-0.868
3294	22.844	0.25	-0.866	3295	6.55	0.25	-0.858	3296	6.064	0.25	-0.853	3297	23.345	0.25	-0.852
3298	5.576	0.25	-0.849	3299	5.087	0.25	-0.839	3300	23.845	0.25	-0.838	3301	13.526	0.25	-0.833
3302	4.596	0.25	-0.832	3303	24.343	0.25	-0.826	3304	4.105	0.25	-0.823	3305	3.613	0.25	-0.816
3306	24.841	0.25	-0.815	3307	14.035	0.25	-0.81	3308	3.121	0.25	-0.809	3309	12.044	0.25	-0.808
3310	25.334	0.25	-0.804	3311	2.631	0.25	-0.799	3312	2.139	0.25	-0.795	3313	25.821	0.25	-0.792
3314	12.35	0.25	-0.785	3315	1.657	0.25	-0.784	3316	26.304	0.25	-0.781	3317	15.529	0.25	-0.779
3318	1.179	0.25	-0.775	3319	12.247	0.25	-0.774	3320	26.783	0.25	-0.771	3321	0.709		

Indice	Posizione			Indice	Posizione			Indice	Posizione			Indice	Posizione		
	X	Y	Z		X	Y	Z		X	Y	Z		X	Y	Z
3398	27.25	14.717	-0.65	3399	0.25	15.219	-0.65	3400	27.25	15.219	-0.65	3401	0.25	15.722	-0.65
3402	27.25	15.722	-0.65	3403	0.25	16.225	-0.65	3404	27.25	16.225	-0.65	3405	0.25	16.728	-0.65
3406	27.25	16.728	-0.65	3407	0.25	17.231	-0.65	3408	27.25	17.231	-0.65	3409	0.25	17.733	-0.65
3410	27.25	17.733	-0.65	3411	0.25	18.236	-0.65	3412	27.25	18.236	-0.65	3413	0.25	18.739	-0.65
3414	27.25	18.739	-0.65	3415	0.25	19.242	-0.65	3416	27.25	19.242	-0.65	3417	0.25	19.744	-0.65
3418	27.25	19.744	-0.65	3419	0.25	20.247	-0.65	3420	27.25	20.247	-0.65	3421	0.25	20.75	-0.65
3422	27.25	20.75	-0.65	3423	0.733	20.75	-0.649	3424	26.767	20.75	-0.649	3425	1.216	20.75	-0.648
3426	26.284	20.75	-0.648	3427	1.699	20.75	-0.647	3428	25.801	20.75	-0.647	3429	2.182	20.75	-0.646
3430	25.318	20.75	-0.646	3431	2.665	20.75	-0.645	3432	24.835	20.75	-0.645	3433	3.148	20.75	-0.644
3434	24.352	20.75	-0.644	3435	3.63	20.75	-0.643	3436	23.87	20.75	-0.643	3437	4.113	20.75	-0.641
3438	23.387	20.75	-0.641	3439	4.595	20.75	-0.639	3440	22.905	20.75	-0.639	3441	5.077	20.75	-0.635
3442	22.423	20.75	-0.635	3443	13.51	0.25	-0.63	3444	13.75	19.35	-0.629	3445	5.557	20.75	-0.628
3446	21.943	20.75	-0.628	3447	13.75	18.844	-0.627	3448	13.75	18.338	-0.625	3449	14.824	0.25	-0.624
3450	13.75	17.832	-0.623	3451	13.75	17.326	-0.621	3452	13.75	16.82	-0.619	3453	13.75	16.314	-0.618
3454	13.75	15.808	-0.616	3455	6.034	20.75	-0.616	3456	21.466	20.75	-0.616	3457	13.75	15.302	-0.614
3458	13.75	14.795	-0.612	3459	13.75	14.289	-0.61	3460	13.75	19.817	-0.609	3461	13.75	13.783	-0.609
3462	13.75	13.277	-0.607	3463	13.75	12.771	-0.605	3464	13.75	12.265	-0.603	3465	13.75	11.759	-0.601
3466	13.75	11.253	-0.599	3467	12.684	0.25	-0.598	3468	13.75	10.747	-0.598	3469	13.75	10.241	-0.596
3470	13.75	9.735	-0.594	3471	6.507	20.75	-0.594	3472	20.993	20.75	-0.594	3473	13.75	9.229	-0.592
3474	13.75	8.723	-0.59	3475	13.75	8.217	-0.589	3476	13.75	7.711	-0.587	3477	13.75	7.205	-0.585
3478	13.75	20.283	-0.584	3479	13.75	6.698	-0.583	3480	13.75	6.192	-0.581	3481	13.75	5.686	-0.579
3482	13.75	5.18	-0.578	3483	13.75	4.674	-0.576	3484	15.388	0.25	-0.575	3485	13.75	4.168	-0.574
3486	13.75	3.662	-0.572	3487	15.693	0.25	-0.572	3488	13.75	3.156	-0.57	3489	11.4	2.65	-0.569
3490	11.87	2.65	-0.569	3491	12.34	2.65	-0.569	3492	12.81	2.65	-0.569	3493	13.28	2.65	-0.569
3494	13.75	2.65	-0.569	3495	14.22	2.65	-0.569	3496	14.69	2.65	-0.569	3497	15.16	2.65	-0.569
3498	15.63	2.65	-0.569	3499	16.1	2.65	-0.569	3500	11.847	0.25	-0.566	3501	18.592	0.25	-0.565
3502	19.133	0.25	-0.563	3503	6.982	20.75	-0.562	3504	20.518	20.75	-0.562	3505	14.146	0.25	-0.562
3506	15.156	0.25	-0.56	3507	18.064	0.25	-0.558	3508	11.4	2.17	-0.553	3509	16.1	2.17	-0.553
3510	7.519	20.75	-0.553	3511	19.981	20.75	-0.553	3512	8.013	20.75	-0.551	3513	19.487	20.75	-0.551
3514	8.495	20.75	-0.55	3515	19.005	20.75	-0.55	3516	8.973	20.75	-0.55	3517	18.527	20.75	-0.55
3518	9.451	20.75	-0.55	3519	18.049	20.75	-0.55	3520	9.929	20.75	-0.55	3521	17.571	20.75	-0.55
3522	10.407	20.75	-0.55	3523	10.884	20.75	-0.55	3524	17.093	20.75	-0.55	3525	11.362	20.75	-0.55
3526	11.84	20.75	-0.55	3527	12.317	20.75	-0.55	3528	12.795	20.75	-0.55	3529	13.272	20.75	-0.55
3530	13.75	20.75	-0.55	3531	14.228	20.75	-0.55	3532	14.705	20.75	-0.55	3533	15.183	20.75	-0.55
3534	15.66	20.75	-0.55	3535	16.138	20.75	-0.55	3536	16.616	20.75	-0.55	3537	14.623	0.25	-0.55
3538	14.987	0.25	-0.549	3539	17.553	0.25	-0.548	3540	19.671	0.25	-0.543	3541	11.4	1.69	-0.541
3542	16.1	1.69	-0.541	3543	17.055	0.25	-0.538	3544	14.414	0.25	-0.533	3545	11.4	1.21	-0.531
3546	16.1	1.21	-0.531	3547	16.571	0.25	-0.526	3548	11.4	0.73	-0.521	3549	16.1	0.73	-0.521
3550	12.894	0.25	-0.519	3551	11.4	0.25	-0.512	3552	16.1	0.25	-0.512	3553	20.212	0.25	-0.511
3554	13.249	0.25	-0.51	3555	13.066	0.25	-0.502	3556	11.035	0.25	-0.49	3557	12.303	0.25	-0.472
3558	10.676	0.25	-0.472	3559	20.753	0.25	-0.469	3560	10.268	0.25	-0.448	3561	21.285	0.25	-0.437
3562	9.833	0.25	-0.425	3563	21.807	0.25	-0.461	3564	9.383	0.25	-0.404	3565	14.815	0.25	-0.396
3566	15.369	0.25	-0.392	3567	15.547	0.25	-0.391	3568	22.319	0.25	-0.39	3569	8.927	0.25	-0.388
3570	15.116	0.25	-0.385	3571	22.828	0.25	-0.38	3572	8.462	0.25	-0.377	3573	7.993	0.25	-0.375
3574	12.727	0.25	-0.371	3575	23.332	0.25	-0.369	3576	7.515	0.25	-0.369	3577	7.034	0.25	-0.365
3578	6.55	0.25	-0.363	3579	6.064	0.25	-0.36	3580	23.834	0.25	-0.357	3581	13.388	0.25	-0.354
3582	5.576	0.25	-0.353	3583	5.086	0.25	-0.351	3584	24.336	0.25	-0.349	3585	4.595	0.25	-0.347
3586	24.837	0.25	-0.342	3587	4.102	0.25	-0.34	3588	3.61	0.25	-0.335	3589	25.335	0.25	-0.335
3590	3.117	0.25	-0.329	3591	2.624	0.25	-0.327	3592	13.766	0.25	-0.326	3593	25.824	0.25	-0.325
3594	2.132	0.25	-0.323	3595	26.307	0.25	-0.316	3596	1.648	0.25	-0.314	3597	1.172	0.25	-0.307
3598	26.785	0.25	-0.306	3599	13.052	0.25	-0.305	3600	0.708	0.25	-0.299	3601	0.25	0.25	-0.292
3602	27.25	0.25	-0.292	3603	14.106	0.25	-0.29	3604	14.441	0.25	-0.29	3605	0.25	0.73	-0.275
3606	27.25	0.73	-0.275	3607	0.25	1.21	-0.257	3608	27.25	1.21	-0.257	3609	0.25	1.69	-0.24
3610	27.25	1.69	-0.24	3611	0.25	2.17	-0.22	3612	27.25	2.17	-0.22	3613	15.535	0.25	-0.201
3614	0.25	2.65	-0.2	3615	27.25	2.65	-0.2	3616	0.25	3.153	-0.2	3617	27.25	3.153	-0.2
3618	0.25	3.656	-0.2	3619	27.25	3.656	-0.2	3620	0.25	4.158	-0.2	3621	27.25	4.158	-0.2
3622	0.25	4.661	-0.2	3623	27.25	4.661	-0.2	3624	0.25	5.164	-0.2	3625	27.25	5.164	-0.2
3626	0.25	5.667	-0.2	3627	27.25	5.667	-0.2	3628	0.25	6.169	-0.2	3629	27.25	6.169	-0.2
3630	0.25	6.672	-0.2	3631	27.25	6.672	-0.2	3632	0.25	7.175	-0.2	3633	27.25	7.175	-0.2
3634	0.25	7.678	-0.2	3635	27.25	7.678	-0.2	3636	0.25	8.181	-0.2	3637	27.25	8.181	-0.2
3638	0.25	8.683	-0.2	3639	27.25	8.683	-0.2	3640	0.25	9.186	-0.2	3641	27.25	9.186	-0.2
3642	0.25	9.689	-0.2	3643	27.25	9.689	-0.2	3644	0.25	10.192	-0.2	3645	27.25	10.192	-0.2
3646	0.25	10.694	-0.2	3647	27.25	10.694	-0.2	3648	0.25	11.197	-0.2	3649	27.25	11.197	-0.2
3650	0.25	11.7	-0.2	3651	27.25	11.7	-0.2	3652	0.25	12.203	-0.2	3653	27.25	12.203	-0.2
3654	0.25	12.706	-0.2	3655	27.25	12.706	-0.2	3656	0.25	13.208	-0.2	3657	27.25	13.208	-0.2
3658	0.25	13.711	-0.2	3659	27.25	13.711	-0.2	3660	0.25	14.214	-0.2	3661	27.25	14.214	-0.2
3662	0.25	14.717	-0.2	3663	27.25	14.717	-0.2	3664	0.25	15.219	-0.2	3665	27.25	15.219	-0.2
3666	0.25	15.722	-0.2	3667	27.25	15.722	-0.2	3668	0.25	16.225	-0.2	3669	27.25	16.225	-0.2
3670	0.25	16.728	-0.2	3671	27.25	16.728	-0.2	3672	0.25	17.231	-0.2	3673	27.25	17.231	-0.2
3674	0.25	17.733	-0.2	3675	27.25	17.733	-0.2	3676	0.25	18.236	-0.2	3677	27.25	18.236	-0.2
3678	0.25	18.739	-0.2	3679	27.25	18.739	-0.2	3680	0.25	19.242	-0.2	3681	27.25	19.242	-0.2
3682	0.25	19.744	-0.2	3683	27.25	19.744	-0.2	3684	0.25	20.247	-0.2	3685	27.25	20.247	-0.2
3686	0.25	20.75	-0.2	3687	27.25	20.75	-0.2	3688	0.734	20.75	-0.198	3689	26.766	20.75	-0.198
3690	1.217	20.75	-0.197	3691	26.283	20.75	-0.197	3692	1.701	20.75	-0.195	3693	25.799	20.75	-0.195
3694	2.185	20.75	-0.193	3695	25.315	20.75	-0.193	3696	2.669	20.75	-0.192	3697	24.831	20.75	-0.192
3698	3.152	20.75	-0.19	3699	24.348	20.75	-0.19	3700	3.636	20.75	-0.188	3701	23.864	20.75	-0.188
3702	4.119	20.75	-0.185	3703	23.381	20.75	-0.185	3704	4.602	20.75					

Vano di equalizzazione e sedimentazione meccanica

Indice	Posizione			Indice	Posizione			Indice	Posizione			Indice	Posizione		
	X	Y	Z		X	Y	Z		X	Y	Z		X	Y	Z
3786	11.385	20.75	0	3787	11.858	20.75	0	3788	12.331	20.75	0	3789	12.804	20.75	0
3790	13.277	20.75	0	3791	13.75	20.75	0	3792	14.223	20.75	0	3793	14.696	20.75	0
3794	15.169	20.75	0	3795	15.642	20.75	0	3796	16.115	20.75	0	3797	16.588	20.75	0
3798	17.062	20.75	0	3799	17.535	20.75	0	3800	18.008	20.75	0	3801	18.481	20.75	0
3802	18.954	20.75	0	3803	19.427	20.75	0	3804	19.9	20.75	0	3805	20.6	20.75	0
3806	7.6	21	0	3807	19.9	21	0	3808	19.53	21.054	0	3809	15.857	21.057	0
3810	11.655	21.087	0	3811	7.319	21.092	0	3812	25.85	21.1	0	3813	26.35	21.1	0
3814	10.702	21.111	0	3815	18.247	21.118	0	3816	15.459	21.131	0	3817	12.073	21.135	0
3818	7.864	21.146	0	3819	16.24	21.157	0	3820	12.547	21.162	0	3821	14.976	21.164	0
3822	26.1	21.166	0	3823	8.232	21.173	0	3824	13.031	21.176	0	3825	14.488	21.177	0
3826	13.516	21.182	0	3827	14.001	21.182	0	3828	20.232	21.191	0	3829	8.711	21.205	0
3830	17.838	21.214	0	3831	18.652	21.225	0	3832	9.205	21.226	0	3833	25.85	21.233	0
3834	26.1	21.233	0	3835	9.71	21.246	0	3836	7.587	21.258	0	3837	17.325	21.267	0
3838	10.267	21.274	0	3839	6.9	21.292	0	3840	20.6	21.292	0	3841	11.189	21.305	0
3842	16.745	21.317	0	3843	19.139	21.336	0	3844	19.862	21.336	0	3845	19.528	21.451	0
3846	10.703	21.476	0	3847	26.35	21.477	0	3848	11.771	21.494	0	3849	15.829	21.494	0
3850	7.325	21.503	0	3851	7.828	21.545	0	3852	12.274	21.563	0	3853	16.299	21.57	0
3854	15.277	21.571	0	3855	20.202	21.577	0	3856	12.771	21.596	0	3857	14.766	21.602	0
3858	13.268	21.613	0	3859	14.264	21.616	0	3860	13.766	21.618	0	3861	8.371	21.642	0
3862	18.255	21.646	0	3863	25.85	21.665	0	3864	8.892	21.685	0	3865	9.406	21.716	0
3866	19.781	21.737	0	3867	18.839	21.742	0	3868	17.66	21.748	0	3869	9.925	21.756	0
3870	19.335	21.784	0	3871	17.11	21.815	0	3872	10.431	21.825	0	3873	6.9	21.833	0
3874	20.6	21.833	0	3875	26.35	21.853	0	3876	10.929	21.863	0	3877	11.453	21.9	0
3878	16.588	21.906	0	3879	16.089	21.971	0	3880	11.983	21.972	0	3881	14.214	21.984	0
3882	7.419	21.996	0	3883	15.574	21.998	0	3884	12.497	22.018	0	3885	15.051	22.033	0
3886	13.007	22.045	0	3887	14.536	22.052	0	3888	13.516	22.058	0	3889	14.025	22.06	0
3890	20.138	22.068	0	3891	7.997	22.095	0	3892	25.85	22.098	0	3893	26.1	22.098	0
3894	8.566	22.142	0	3895	9.097	22.172	0	3896	19.628	22.199	0	3897	9.612	22.209	0
3898	18.558	22.221	0	3899	19.102	22.227	0	3900	25.85	22.23	0	3901	26.1	22.23	0
3902	26.35	22.23	0	3903	17.995	22.24	0	3904	10.125	22.261	0	3905	17.438	22.293	0
3906	10.64	22.313	0	3907	16.9	22.351	0	3908	11.16	22.358	0	3909	6.9	22.375	0
3910	20.6	22.375	0	3911	11.687	22.405	0	3912	16.377	22.405	0	3913	15.858	22.445	0
3914	12.213	22.45	0	3915	15.335	22.474	0	3916	12.734	22.482	0	3917	14.812	22.496	0
3918	13.253	22.501	0	3919	14.291	22.507	0	3920	13.772	22.509	0	3921	7.562	22.62	0
3922	8.241	22.622	0	3923	8.799	22.63	0	3924	9.308	22.642	0	3925	20.019	22.679	0
3926	19.402	22.686	0	3927	9.812	22.7	0	3928	18.857	22.715	0	3929	18.306	22.742	0
3930	10.333	22.759	0	3931	17.753	22.776	0	3932	10.861	22.81	0	3933	17.208	22.817	0
3934	11.391	22.854	0	3935	16.673	22.859	0	3936	11.922	22.894	0	3937	16.146	22.896	0
3938	6.9	22.917	0	3939	20.6	22.917	0	3940	15.619	22.925	0	3941	12.452	22.927	0
3942	15.091	22.947	0	3943	12.98	22.951	0	3944	14.563	22.961	0	3945	13.508	22.964	0
3946	14.035	22.967	0	3947	9.045	23.015	0	3948	7.978	23.057	0	3949	19.647	23.109	0
3950	9.486	23.121	0	3951	19.167	23.175	0	3952	8.542	23.181	0	3953	10.01	23.206	0
3954	18.62	23.227	0	3955	18.063	23.262	0	3956	10.551	23.265	0	3957	7.498	23.274	0
3958	17.512	23.294	0	3959	11.091	23.311	0	3960	16.97	23.326	0	3961	11.627	23.35	0
3962	16.436	23.356	0	3963	12.163	23.382	0	3964	15.904	23.383	0	3965	20.127	23.395	0
3966	15.373	23.405	0	3967	12.698	23.408	0	3968	14.839	23.422	0	3969	13.234	23.425	0
3970	14.304	23.432	0	3971	13.769	23.433	0	3972	6.9	23.458	0	3973	20.6	23.458	0
3974	9.086	23.502	0	3975	8.049	23.589	0	3976	19.526	23.602	0	3977	9.651	23.662	0
3978	18.958	23.708	0	3979	10.227	23.732	0	3980	18.378	23.753	0	3981	10.783	23.778	0
3982	17.814	23.78	0	3983	17.265	23.803	0	3984	11.328	23.815	0	3985	16.726	23.826	0
3986	11.869	23.846	0	3987	8.59	23.847	0	3988	16.192	23.849	0	3989	15.657	23.87	0
3990	12.41	23.873	0	3991	15.12	23.889	0	3992	12.952	23.894	0	3993	14.579	23.903	0
3994	13.495	23.906	0	3995	14.037	23.909	0	3996	6.9	24	0	3997	7.6	24	0
3998	19.9	24	0	3999	20.6	24	0	4000	8.082	24.172	0	4001	9.201	24.186	0
4002	19.363	24.225	0	4003	9.887	24.228	0	4004	10.472	24.262	0	4005	18.706	24.266	0
4006	18.116	24.279	0	4007	11.026	24.292	0	4008	17.558	24.292	0	4009	17.015	24.307	0
4010	11.571	24.319	0	4011	16.479	24.324	0	4012	15.945	24.342	0	4013	12.115	24.345	0
4014	15.406	24.361	0	4015	12.662	24.369	0	4016	14.861	24.379	0	4017	13.212	24.388	0
4018	14.312	24.392	0	4019	13.762	24.396	0	4020	6.9	24.45	0	4021	7.6	24.45	0
4022	19.9	24.45	0	4023	20.6	24.45	0	4024	8.578	24.456	0	4025	8.07	24.694	0
4026	19.531	24.715	0	4027	20.25	24.75	0	4028	10.173	24.768	0	4029	9.592	24.77	0
4030	10.729	24.783	0	4031	17.842	24.792	0	4032	18.405	24.798	0	4033	17.299	24.798	0
4034	11.272	24.802	0	4035	16.765	24.808	0	4036	16.234	24.82	0	4037	11.813	24.823	0
4038	15.698	24.836	0	4039	19.026	24.838	0	4040	9.016	24.846	0	4041	12.363	24.848	0
4042	15.152	24.857	0	4043	12.922	24.875	0	4044	14.595	24.88	0	4045	13.481	24.893	0
4046	14.037	24.895	0	4047	6.9	24.9	0	4048	7.25	24.9	0	4049	7.6	24.9	0
4050	19.9	24.9	0	4051	20.6	24.9	0	4052	8.501	24.997	0	4053	20.25	25.05	0
4054	19.469	25.164	0	4055	8.053	25.195	0	4056	10.445	25.288	0	4057	9.905	25.288	0
4058	10.979	25.296	0	4059	17.573	25.298	0	4060	18.106	25.3	0	4061	17.046	25.301	0
4062	16.52	25.306	0	4063	11.51	25.306	0	4064	9.364	25.31	0	4065	15.993	25.314	0
4066	18.638	25.319	0	4067	12.048	25.322	0	4068	15.459	25.328	0	4069	6.9	25.35	0
4070	7.6	25.35	0	4071	19.9	25.35	0	4072	20.6	25.35	0	4073	12.617	25.36	0
4074	8.85	25.363	0	4075	14.892	25.363	0	4076	19.076	25.384	0	4077	13.197	25.4	0
4078	14.314	25.402	0	4079	13.756	25.413	0	4080	8.431	25.43	0	4081	6.9	25.8	0
4082	7.6	25.8	0	4083	8.117	25.8	0	4084	8.633	25.8	0	4085	9.15	25.8	0
4086	9.667	25.8	0	4087	10.183	25.8	0	4088	10.7	25.8	0	4089	11.217	25.8	0
4090	11.733	25.8	0	4091	12.25	25.8	0	4092	15.25	25.8	0	4093	15.767	25.8	0
4094	16.283	25.8	0	4095	16.8	25.8	0	4096	17.317	25.8	0	4097	17.833	25.8	0
4098	18.35	25.8	0	4099	18.867	25.8	0	4100	19.383	25.8	0	4101	19.9	25.8	0
4102	20.6	25.8	0	4103	12.925	25.917	0	4104	14.58	25.918	0	4105	13.483	25.945	0
4106	14.022	25.946	0	4107	6.9	26.5	0	4108	7.6	26.5	0	4109	8.117	26.5	0
4110	8.633	26.5	0	4111	9.15	26.									

Indice	Posizione			Indice	Posizione			Indice	Posizione			Indice	Posizione		
	X	Y	Z		X	Y	Z		X	Y	Z		X	Y	Z
4174	4.101	0.25	0.152	4175	3.608	0.25	0.153	4176	3.115	0.25	0.155	4177	26.307	0.25	0.155
4178	2.621	0.25	0.156	4179	2.126	0.25	0.158	4180	26.784	0.25	0.162	4181	1.643	0.25	0.162
4182	1.166	0.25	0.165	4183	0.701	0.25	0.167	4184	0.25	0.25	0.169	4185	27.25	0.25	0.169
4186	0.25	0.73	0.185	4187	27.25	0.73	0.185	4188	0.25	1.21	0.201	4189	27.25	1.21	0.201
4190	0.25	1.69	0.217	4191	27.25	1.69	0.217	4192	0.25	2.17	0.233	4193	27.25	2.17	0.233
4194	0.25	2.65	0.25	4195	27.25	2.65	0.25	4196	0.25	3.153	0.25	4197	27.25	3.153	0.25
4198	0.25	3.656	0.25	4199	27.25	3.656	0.25	4200	0.25	4.158	0.25	4201	27.25	4.158	0.25
4202	0.25	4.661	0.25	4203	27.25	4.661	0.25	4204	0.25	5.164	0.25	4205	27.25	5.164	0.25
4206	0.25	5.667	0.25	4207	27.25	5.667	0.25	4208	0.25	6.169	0.25	4209	27.25	6.169	0.25
4210	0.25	6.672	0.25	4211	27.25	6.672	0.25	4212	0.25	7.175	0.25	4213	27.25	7.175	0.25
4214	0.25	7.678	0.25	4215	27.25	7.678	0.25	4216	0.25	8.181	0.25	4217	27.25	8.181	0.25
4218	0.25	8.683	0.25	4219	27.25	8.683	0.25	4220	0.25	9.186	0.25	4221	27.25	9.186	0.25
4222	0.25	9.689	0.25	4223	27.25	9.689	0.25	4224	0.25	10.192	0.25	4225	27.25	10.192	0.25
4226	0.25	10.694	0.25	4227	27.25	10.694	0.25	4228	0.25	11.197	0.25	4229	27.25	11.197	0.25
4230	0.25	11.7	0.25	4231	27.25	11.7	0.25	4232	0.25	12.203	0.25	4233	27.25	12.203	0.25
4234	0.25	12.706	0.25	4235	27.25	12.706	0.25	4236	0.25	13.208	0.25	4237	27.25	13.208	0.25
4238	0.25	13.711	0.25	4239	27.25	13.711	0.25	4240	0.25	14.214	0.25	4241	27.25	14.214	0.25
4242	0.25	14.717	0.25	4243	27.25	14.717	0.25	4244	0.25	15.219	0.25	4245	27.25	15.219	0.25
4246	0.25	15.722	0.25	4247	27.25	15.722	0.25	4248	0.25	16.225	0.25	4249	27.25	16.225	0.25
4250	0.25	16.728	0.25	4251	27.25	16.728	0.25	4252	0.25	17.231	0.25	4253	27.25	17.231	0.25
4254	0.25	17.733	0.25	4255	27.25	17.733	0.25	4256	0.25	18.236	0.25	4257	27.25	18.236	0.25
4258	0.25	18.739	0.25	4259	27.25	18.739	0.25	4260	0.25	19.242	0.25	4261	27.25	19.242	0.25
4262	0.25	19.744	0.25	4263	27.25	19.744	0.25	4264	0.25	20.247	0.25	4265	27.25	20.247	0.25
4266	0.25	20.75	0.25	4267	27.25	20.75	0.25	4268	0.735	20.75	0.252	4269	26.765	20.75	0.252
4270	1.219	20.75	0.254	4271	26.281	20.75	0.254	4272	1.704	20.75	0.256	4273	25.796	20.75	0.256
4274	2.188	20.75	0.258	4275	25.312	20.75	0.258	4276	2.673	20.75	0.26	4277	24.827	20.75	0.26
4278	3.157	20.75	0.263	4279	24.343	20.75	0.263	4280	3.641	20.75	0.265	4281	23.859	20.75	0.265
4282	13.055	0.25	0.266	4283	4.126	20.75	0.269	4284	23.374	20.75	0.269	4285	4.61	20.75	0.273
4286	22.89	20.75	0.273	4287	14.004	0.25	0.276	4288	5.093	20.75	0.28	4289	22.407	20.75	0.28
4290	5.575	20.75	0.292	4291	21.925	20.75	0.292	4292	13.346	0.25	0.294	4293	13.703	0.25	0.299
4294	6.056	20.75	0.31	4295	21.444	20.75	0.31	4296	13.75	19.35	0.314	4297	13.75	18.844	0.32
4298	13.75	18.338	0.326	4299	13.75	17.832	0.331	4300	13.75	17.326	0.337	4301	6.536	20.75	0.34
4302	20.964	20.75	0.34	4303	13.75	16.82	0.342	4304	13.75	16.314	0.348	4305	13.75	19.817	0.349
4306	13.75	15.808	0.353	4307	13.75	15.302	0.358	4308	13.75	14.795	0.364	4309	13.75	14.289	0.369
4310	13.75	13.783	0.375	4311	13.75	13.277	0.38	4312	7.027	20.75	0.382	4313	20.473	20.75	0.382
4314	13.75	12.771	0.385	4315	13.75	12.263	0.389	4316	13.75	12.265	0.391	4317	13.75	11.759	0.396
4318	7.6	20.75	0.4	4319	19.9	20.75	0.4	4320	7.6	21	0.4	4321	19.9	21	0.4
4322	13.75	11.253	0.402	4323	8.073	20.75	0.405	4324	19.427	20.75	0.405	4325	13.75	10.747	0.407
4326	8.547	20.75	0.41	4327	18.953	20.75	0.41	4328	13.75	10.241	0.412	4329	9.02	20.75	0.414
4330	18.48	20.75	0.414	4331	13.75	9.735	0.418	4332	9.493	20.75	0.418	4333	18.007	20.75	0.418
4334	9.967	20.75	0.422	4335	17.533	20.75	0.422	4336	13.75	9.229	0.423	4337	10.44	20.75	0.426
4338	17.06	20.75	0.426	4339	13.75	8.723	0.429	4340	10.913	20.75	0.43	4341	16.587	20.75	0.43
4342	11.386	20.75	0.433	4343	16.114	20.75	0.433	4344	13.75	8.217	0.434	4345	11.859	20.75	0.435
4346	15.641	20.75	0.435	4347	12.332	20.75	0.437	4348	15.168	20.75	0.437	4349	12.805	20.75	0.438
4350	14.695	20.75	0.438	4351	13.277	20.75	0.439	4352	14.223	20.75	0.439	4353	13.75	7.711	0.439
4354	13.75	20.75	0.44	4355	13.75	7.205	0.445	4356	13.75	6.698	0.45	4357	13.75	6.192	0.455
4358	13.75	5.686	0.461	4359	13.75	5.18	0.466	4360	7.6	24	0.467	4361	19.9	24	0.467
4362	12.25	25.8	0.467	4363	15.25	25.8	0.467	4364	11.733	25.8	0.469	4365	15.767	25.8	0.469
4366	11.217	25.8	0.471	4367	16.283	25.8	0.471	4368	7.6	24.45	0.471	4369	19.9	24.45	0.471
4370	13.75	4.674	0.472	4371	10.7	25.8	0.473	4372	16.8	25.8	0.473	4373	10.183	25.8	0.475
4374	17.317	25.8	0.475	4375	7.6	24.9	0.476	4376	19.9	24.9	0.476	4377	13.75	4.168	0.477
4378	9.667	25.8	0.477	4379	17.833	25.8	0.477	4380	9.15	25.8	0.479	4381	18.35	25.8	0.479
4382	7.6	25.35	0.481	4383	19.9	25.35	0.481	4384	8.633	25.8	0.482	4385	18.867	25.8	0.482
4386	13.75	3.662	0.483	4387	8.117	25.8	0.484	4388	19.383	25.8	0.484	4389	7.6	25.8	0.486
4390	19.9	25.8	0.486	4391	13.75	3.156	0.488	4392	11.4	2.65	0.494	4393	11.87	2.65	0.494
4394	12.34	2.65	0.494	4395	12.81	2.65	0.494	4396	13.28	2.65	0.494	4397	13.75	2.65	0.494
4398	14.22	2.65	0.494	4399	14.69	2.65	0.494	4400	15.16	2.65	0.494	4401	15.63	2.65	0.494
4402	16.1	2.65	0.494	4403	11.4	2.17	0.502	4404	16.1	2.17	0.502	4405	12.81	0.25	0.503
4406	18.576	0.25	0.509	4407	18.057	0.25	0.51	4408	11.4	1.69	0.51	4409	16.1	1.69	0.51
4410	19.107	0.25	0.513	4411	17.542	0.25	0.515	4412	14.237	0.25	0.515	4413	11.4	1.21	0.517
4414	16.1	1.21	0.517	4415	17.044	0.25	0.52	4416	19.637	0.25	0.524	4417	11.4	0.73	0.525
4418	16.1	0.73	0.525	4419	16.561	0.25	0.527	4420	12.288	0.25	0.527	4421	11.83	0.25	0.528
4422	15.678	0.25	0.528	4423	11.4	0.25	0.532	4424	16.1	0.25	0.532	4425	14.79	0.25	0.539
4426	20.171	0.25	0.542	4427	11.046	0.25	0.544	4428	10.68	0.25	0.557	4429	15.277	0.25	0.558
4430	20.704	0.25	0.563	4431	10.272	0.25	0.574	4432	21.235	0.25	0.585	4433	9.835	0.25	0.593
4434	21.761	0.25	0.602	4435	9.384	0.25	0.611	4436	22.28	0.25	0.614	4437	22.792	0.25	0.618
4438	23.303	0.25	0.624	4439	23.81	0.25	0.626	4440	24.316	0.25	0.627	4441	8.926	0.25	0.627
4442	25.819	0.25	0.628	4443	25.325	0.25	0.628	4444	26.304	0.25	0.628	4445	24.822	0.25	0.628
4446	13.275	0.25	0.629	4447	26.783	0.25	0.63	4448	0.25	0.25	0.631	4449	27.25	0.25	0.631
4450	13.734	0.25	0.631	4451	0.701	0.25	0.635	4452	1.166	0.25	0.639	4453	8.461	0.25	0.639
4454	1.644	0.25	0.642	4455	2.126	0.25	0.645	4456	0.25	0.73	0.645	4457	27.25	0.73	0.645
4458	2.621	0.25	0.647	4459	7.992	0.25	0.648	4460	3.114	0.25	0.649	4461	3.608	0.25	0.651
4462	4.101	0.25	0.653	4463	7.515	0.25	0.653	4464	4.594	0.25	0.655	4465	5.086	0.25	0.656
4466	7.034	0.25	0.656	4467	5.577	0.25	0.658	4468	6.55	0.25	0.658	4469	0.25	1.21	0.658
4470	27.25	1.21	0.658	4471	6.064	0.25	0.659	4472	0.25	1.69	0.672	4473	27.25	1.69	0.672
4474	0.25	2.17	0.686	4475	27.25	2.17	0.686	4476	0.25	2.65	0.7	4477	27.25	2.65	0.7
4478	0.25	3.153	0.7	4479	27.25	3.153	0.7	4480	0.25	3.6					

Indice	Posizione			Indice	Posizione			Indice	Posizione			Indice	Posizione		
	X	Y	Z		X	Y	Z		X	Y	Z		X	Y	Z
4562	3.647	20.75	0.715	4563	23.853	20.75	0.715	4564	4.132	20.75	0.718	4565	23.368	20.75	0.718
4566	4.618	20.75	0.723	4567	22.882	20.75	0.723	4568	5.103	20.75	0.728	4569	22.397	20.75	0.728
4570	5.589	20.75	0.737	4571	21.911	20.75	0.737	4572	6.076	20.75	0.75	4573	21.424	20.75	0.75
4574	6.567	20.75	0.767	4575	20.933	20.75	0.767	4576	13.75	19.35	0.786	4577	7.071	20.75	0.786
4578	20.429	20.75	0.786	4579	13.75	18.844	0.795	4580	7.6	20.75	0.8	4581	19.9	20.75	0.8
4582	7.6	21	0.8	4583	19.9	21	0.8	4584	13.75	18.338	0.803	4585	8.074	20.75	0.81
4586	19.426	20.75	0.81	4587	13.75	17.832	0.811	4588	13.75	19.817	0.815	4589	13.75	17.326	0.818
4590	8.547	20.75	0.82	4591	18.953	20.75	0.82	4592	13.75	16.82	0.825	4593	9.021	20.75	0.829
4594	18.479	20.75	0.829	4595	13.75	16.314	0.832	4596	9.494	20.75	0.837	4597	18.006	20.75	0.837
4598	13.75	15.808	0.839	4599	9.968	20.75	0.845	4600	17.532	20.75	0.845	4601	13.75	20.283	0.846
4602	13.75	15.302	0.846	4603	10.442	20.75	0.852	4604	17.058	20.75	0.852	4605	13.75	14.795	0.853
4606	13.75	14.289	0.86	4607	10.915	20.75	0.86	4608	16.585	20.75	0.86	4609	11.388	20.75	0.867
4610	16.112	20.75	0.867	4611	13.75	13.783	0.867	4612	11.861	20.75	0.872	4613	15.639	20.75	0.872
4614	13.75	13.277	0.874	4615	12.334	20.75	0.875	4616	15.166	20.75	0.875	4617	12.806	20.75	0.877
4618	14.694	20.75	0.877	4619	13.278	20.75	0.879	4620	14.222	20.75	0.879	4621	13.75	20.75	0.88
4622	13.75	12.771	0.881	4623	13.75	12.265	0.888	4624	13.75	11.759	0.895	4625	13.75	11.253	0.902
4626	13.75	10.747	0.909	4627	13.75	10.241	0.916	4628	13.75	9.735	0.923	4629	13.75	9.229	0.93
4630	7.6	24	0.933	4631	19.9	24	0.933	4632	12.25	25.8	0.933	4633	15.25	25.8	0.933
4634	13.75	8.723	0.937	4635	11.733	25.8	0.938	4636	15.767	25.8	0.938	4637	11.217	25.8	0.942
4638	16.283	25.8	0.942	4639	7.6	24.45	0.943	4640	19.9	24.45	0.943	4641	13.75	8.217	0.944
4642	10.7	25.8	0.947	4643	16.8	25.8	0.947	4644	10.183	25.8	0.951	4645	17.317	25.8	0.951
4646	13.75	7.711	0.951	4647	7.6	24.9	0.953	4648	19.9	24.9	0.953	4649	9.667	25.8	0.955
4650	17.833	25.8	0.955	4651	13.75	7.205	0.958	4652	9.15	25.8	0.959	4653	18.35	25.8	0.959
4654	7.6	25.35	0.962	4655	19.9	25.35	0.962	4656	8.633	25.8	0.963	4657	18.867	25.8	0.963
4658	13.75	6.698	0.965	4659	8.117	25.8	0.967	4660	19.383	25.8	0.967	4661	7.6	25.8	0.971
4662	19.9	25.8	0.971	4663	13.75	6.192	0.972	4664	13.75	5.686	0.979	4665	13.75	5.18	0.986
4666	13.75	4.674	0.993	4667	13.75	4.168	1	4668	13.75	3.662	1.008	4669	13.75	3.156	1.016
4670	11.4	2.65	1.026	4671	11.87	2.65	1.026	4672	12.34	2.65	1.026	4673	12.81	2.65	1.026
4674	13.28	2.65	1.026	4675	13.75	2.65	1.026	4676	14.22	2.65	1.026	4677	14.69	2.65	1.026
4678	15.16	2.65	1.026	4679	15.63	2.65	1.026	4680	16.1	2.65	1.026	4681	18.575	0.25	1.031
4682	19.103	0.25	1.031	4683	11.4	2.17	1.031	4684	16.1	2.17	1.031	4685	18.049	0.25	1.037
4686	11.4	1.69	1.037	4687	16.1	1.69	1.037	4688	19.63	0.25	1.039	4689	17.539	0.25	1.041
4690	11.4	1.21	1.043	4691	16.1	1.21	1.043	4692	17.039	0.25	1.048	4693	11.4	0.73	1.048
4694	16.1	0.73	1.048	4695	12.258	0.25	1.049	4696	20.16	0.25	1.05	4697	11.811	0.25	1.051
4698	12.738	0.25	1.052	4699	15.669	0.25	1.053	4700	16.557	0.25	1.053	4701	11.4	0.25	1.054
4702	16.1	0.25	1.054	4703	14.742	0.25	1.058	4704	14.224	0.25	1.059	4705	11.062	0.25	1.06
4706	15.23	0.25	1.062	4707	20.689	0.25	1.065	4708	10.681	0.25	1.072	4709	21.216	0.25	1.082
4710	13.22	0.25	1.086	4711	10.275	0.25	1.088	4712	13.717	0.25	1.09	4713	0.25	0.25	1.092
4714	27.25	0.25	1.092	4715	21.74	0.25	1.096	4716	26.781	0.25	1.097	4717	26.3	0.25	1.1
4718	25.808	0.25	1.102	4719	0.25	0.73	1.104	4720	27.25	0.73	1.104	4721	0.702	0.25	1.104
4722	9.839	0.25	1.105	4723	25.312	0.25	1.106	4724	24.81	0.25	1.111	4725	22.259	0.25	1.112
4726	23.285	0.25	1.113	4727	24.303	0.25	1.114	4728	1.168	0.25	1.114	4729	22.774	0.25	1.115
4730	0.25	1.21	1.115	4731	27.25	1.21	1.115	4732	23.795	0.25	1.116	4733	1.646	0.25	1.122
4734	9.391	0.25	1.123	4735	0.25	1.69	1.127	4736	27.25	1.69	1.127	4737	2.131	0.25	1.129
4738	2.623	0.25	1.133	4739	0.25	2.17	1.138	4740	27.25	2.17	1.138	4741	3.116	0.25	1.138
4742	8.931	0.25	1.14	4743	3.609	0.25	1.144	4744	4.102	0.25	1.149	4745	0.25	2.65	1.15
4746	27.25	2.65	1.15	4747	0.25	3.153	1.15	4748	27.25	3.153	1.15	4749	0.25	3.656	1.15
4750	27.25	3.656	1.15	4751	0.25	4.158	1.15	4752	27.25	4.158	1.15	4753	0.25	4.661	1.15
4754	27.25	4.661	1.15	4755	0.25	5.164	1.15	4756	27.25	5.164	1.15	4757	0.25	5.667	1.15
4758	27.25	5.667	1.15	4759	0.25	6.169	1.15	4760	27.25	6.169	1.15	4761	0.25	6.672	1.15
4762	27.25	6.672	1.15	4763	0.25	7.175	1.15	4764	27.25	7.175	1.15	4765	0.25	7.678	1.15
4766	27.25	7.678	1.15	4767	0.25	8.181	1.15	4768	27.25	8.181	1.15	4769	0.25	8.683	1.15
4770	27.25	8.683	1.15	4771	0.25	9.186	1.15	4772	27.25	9.186	1.15	4773	0.25	9.689	1.15
4774	27.25	9.689	1.15	4775	0.25	10.192	1.15	4776	27.25	10.192	1.15	4777	0.25	10.694	1.15
4778	27.25	10.694	1.15	4779	0.25	11.197	1.15	4780	27.25	11.197	1.15	4781	0.25	11.7	1.15
4782	27.25	11.7	1.15	4783	0.25	12.203	1.15	4784	27.25	12.203	1.15	4785	0.25	12.706	1.15
4786	27.25	12.706	1.15	4787	0.25	13.208	1.15	4788	27.25	13.208	1.15	4789	0.25	13.711	1.15
4790	27.25	13.711	1.15	4791	0.25	14.214	1.15	4792	27.25	14.214	1.15	4793	0.25	14.717	1.15
4794	27.25	14.717	1.15	4795	0.25	15.219	1.15	4796	27.25	15.219	1.15	4797	0.25	15.722	1.15
4798	27.25	15.722	1.15	4799	0.25	16.225	1.15	4800	27.25	16.225	1.15	4801	0.25	16.728	1.15
4802	27.25	16.728	1.15	4803	0.25	17.231	1.15	4804	27.25	17.231	1.15	4805	0.25	17.733	1.15
4806	27.25	17.733	1.15	4807	0.25	18.236	1.15	4808	27.25	18.236	1.15	4809	0.25	18.739	1.15
4810	27.25	18.739	1.15	4811	0.25	19.242	1.15	4812	27.25	19.242	1.15	4813	0.25	19.744	1.15
4814	27.25	19.744	1.15	4815	0.25	20.247	1.15	4816	27.25	20.247	1.15	4817	0.25	20.75	1.15
4818	27.25	20.75	1.15	4819	8.464	0.25	1.152	4820	0.736	20.75	1.152	4821	26.764	20.75	1.152
4822	1.222	20.75	1.153	4823	26.278	20.75	1.153	4824	4.594	0.25	1.155	4825	1.708	20.75	1.155
4826	25.792	20.75	1.155	4827	2.194	20.75	1.157	4828	25.306	20.75	1.157	4829	2.68	20.75	1.159
4830	24.82	20.75	1.159	4831	5.086	0.25	1.159	4832	7.993	0.25	1.16	4833	3.167	20.75	1.161
4834	24.333	20.75	1.161	4835	3.653	20.75	1.163	4836	23.847	20.75	1.163	4837	5.575	0.25	1.163
4838	6.549	0.25	1.165	4839	4.139	20.75	1.165	4840	23.361	20.75	1.165	4841	6.063	0.25	1.166
4842	7.515	0.25	1.166	4843	4.626	20.75	1.168	4844	22.874	20.75	1.168	4845	7.034	0.25	1.17
4846	5.113	20.75	1.172	4847	22.387	20.75	1.172	4848	5.601	20.75	1.177	4849	21.899	20.75	1.177
4850	6.091	20.75	1.183	4851	21.409	20.75	1.183	4852	6.586	20.75	1.19	4853	20.914	20.75	1.19
4854	7.088	20.75	1.196	4855	20.412	20.75	1.196	4856	7.6	20.75	1.2	4857	19.9	20.75	1.2
4858	7.6	21	1.2	4859	19.9	21	1.2	4860	8.074	20.75	1.217	4861	19.426	20.75	1.217
4862	8.548	20.75	1.232	4863	18.952	20.75	1.232	4864	9.022	20.75	1.245	4865	18.478	20.75	1.245
4866	13.75	19.35	1.257	4867	9.496	20.75	1								

Indice	Posizione			Indice	Posizione			Indice	Posizione			Indice	Posizione		
	X	Y	Z		X	Y	Z		X	Y	Z		X	Y	Z
4950	18.576	0.25	1.541	4951	20.154	0.25	1.545	4952	18.054	0.25	1.549	4953	20.679	0.25	1.554
4954	0.25	0.25	1.554	4955	27.25	0.25	1.554	4956	11.4	2.65	1.557	4957	11.87	2.65	1.557
4958	12.34	2.65	1.557	4959	12.81	2.65	1.557	4960	13.28	2.65	1.557	4961	13.75	2.65	1.557
4962	14.22	2.65	1.557	4963	14.69	2.65	1.557	4964	15.16	2.65	1.557	4965	15.63	2.65	1.557
4966	16.1	2.65	1.557	4967	17.539	0.25	1.56	4968	11.4	2.17	1.561	4969	16.1	2.17	1.561
4970	14.694	0.25	1.562	4971	26.778	0.25	1.563	4972	0.25	0.73	1.563	4973	27.25	0.73	1.563
4974	11.4	1.69	1.565	4975	16.1	1.69	1.565	4976	12.21	0.25	1.565	4977	14.188	0.25	1.567
4978	12.682	0.25	1.567	4979	15.194	0.25	1.568	4980	11.4	1.21	1.568	4981	16.1	1.21	1.568
4982	21.202	0.25	1.568	4983	17.036	0.25	1.569	4984	15.654	0.25	1.569	4985	26.294	0.25	1.569
4986	11.776	0.25	1.571	4987	11.4	0.73	1.572	4988	16.1	0.73	1.572	4989	0.25	1.21	1.572
4990	27.25	1.21	1.572	4991	0.705	0.25	1.573	4992	11.077	0.25	1.573	4993	25.799	0.25	1.574
4994	11.4	0.25	1.576	4995	16.1	0.25	1.576	4996	16.551	0.25	1.576	4997	13.178	0.25	1.576
4998	21.723	0.25	1.577	4999	25.301	0.25	1.581	5000	0.25	1.69	1.582	5001	27.25	1.69	1.582
5002	13.68	0.25	1.583	5003	10.709	0.25	1.584	5004	1.174	0.25	1.586	5005	24.796	0.25	1.587
5006	22.24	0.25	1.588	5007	24.287	0.25	1.588	5008	0.25	2.17	1.591	5009	27.25	2.17	1.591
5010	23.778	0.25	1.592	5011	23.267	0.25	1.595	5012	22.755	0.25	1.597	5013	1.652	0.25	1.597
5014	10.296	0.25	1.598	5015	0.25	2.65	1.6	5016	27.25	2.65	1.6	5017	0.25	3.153	1.6
5018	27.25	3.153	1.6	5019	0.25	3.656	1.6	5020	27.25	3.656	1.6	5021	0.25	4.158	1.6
5022	27.25	4.158	1.6	5023	0.25	4.661	1.6	5024	27.25	4.661	1.6	5025	0.25	5.164	1.6
5026	27.25	5.164	1.6	5027	0.25	5.667	1.6	5028	27.25	5.667	1.6	5029	0.25	6.169	1.6
5030	27.25	6.169	1.6	5031	0.25	6.672	1.6	5032	27.25	6.672	1.6	5033	0.25	7.175	1.6
5034	27.25	7.175	1.6	5035	0.25	7.678	1.6	5036	27.25	7.678	1.6	5037	0.25	8.181	1.6
5038	27.25	8.181	1.6	5039	0.25	8.683	1.6	5040	27.25	8.683	1.6	5041	0.25	9.186	1.6
5042	27.25	9.186	1.6	5043	0.25	9.689	1.6	5044	27.25	9.689	1.6	5045	0.25	10.192	1.6
5046	27.25	10.192	1.6	5047	0.25	10.694	1.6	5048	27.25	10.694	1.6	5049	0.25	11.197	1.6
5050	27.25	11.197	1.6	5051	0.25	11.7	1.6	5052	27.25	11.7	1.6	5053	0.25	12.203	1.6
5054	27.25	12.203	1.6	5055	0.25	12.706	1.6	5056	27.25	12.706	1.6	5057	0.25	13.208	1.6
5058	27.25	13.208	1.6	5059	0.25	13.711	1.6	5060	27.25	13.711	1.6	5061	0.25	14.214	1.6
5062	27.25	14.214	1.6	5063	0.25	14.717	1.6	5064	27.25	14.717	1.6	5065	0.25	15.219	1.6
5066	27.25	15.219	1.6	5067	0.25	15.722	1.6	5068	27.25	15.722	1.6	5069	0.25	16.225	1.6
5070	27.25	16.225	1.6	5071	0.25	16.728	1.6	5072	27.25	16.728	1.6	5073	0.25	17.231	1.6
5074	27.25	17.231	1.6	5075	0.25	17.733	1.6	5076	27.25	17.733	1.6	5077	0.25	18.236	1.6
5078	27.25	18.236	1.6	5079	0.25	18.739	1.6	5080	27.25	18.739	1.6	5081	0.25	19.242	1.6
5082	27.25	19.242	1.6	5083	0.25	19.744	1.6	5084	27.25	19.744	1.6	5085	0.25	20.247	1.6
5086	27.25	20.247	1.6	5087	0.25	20.75	1.6	5088	7.6	20.75	1.6	5089	19.9	20.75	1.6
5090	27.25	20.75	1.6	5091	7.6	21	1.6	5092	19.9	21	1.6	5093	0.737	20.75	1.601
5094	26.763	20.75	1.601	5095	1.224	20.75	1.603	5096	26.276	20.75	1.603	5097	1.711	20.75	1.604
5098	25.789	20.75	1.604	5099	2.198	20.75	1.605	5100	25.302	20.75	1.605	5101	2.684	20.75	1.607
5102	24.816	20.75	1.607	5103	2.136	0.25	1.607	5104	3.171	20.75	1.608	5105	24.329	20.75	1.608
5106	7.097	20.75	1.609	5107	20.403	20.75	1.609	5108	3.658	20.75	1.609	5109	23.842	20.75	1.609
5110	4.146	20.75	1.611	5111	23.354	20.75	1.611	5112	4.633	20.75	1.613	5113	22.867	20.75	1.613
5114	6.598	20.75	1.614	5115	20.902	20.75	1.614	5116	5.122	20.75	1.614	5117	22.378	20.75	1.614
5118	9.857	0.25	1.615	5119	5.611	20.75	1.616	5120	21.889	20.75	1.616	5121	6.103	20.75	1.616
5122	21.397	20.75	1.616	5123	2.626	0.25	1.616	5124	3.118	0.25	1.624	5125	8.074	20.75	1.625
5126	19.426	20.75	1.625	5127	3.611	0.25	1.631	5128	9.403	0.25	1.633	5129	4.103	0.25	1.638
5130	4.595	0.25	1.645	5131	8.548	20.75	1.647	5132	18.952	20.75	1.647	5133	8.939	0.25	1.651
5134	5.086	0.25	1.652	5135	5.575	0.25	1.658	5136	8.469	0.25	1.66	5137	6.063	0.25	1.663
5138	9.022	20.75	1.664	5139	18.478	20.75	1.664	5140	7.033	0.25	1.666	5141	6.549	0.25	1.667
5142	7.996	0.25	1.668	5143	7.516	0.25	1.67	5144	9.497	20.75	1.68	5145	18.003	20.75	1.68
5146	9.971	20.75	1.694	5147	17.529	20.75	1.694	5148	23	21.233	1.7	5149	23	22.098	1.7
5150	10.445	20.75	1.709	5151	17.055	20.75	1.709	5152	10.92	20.75	1.727	5153	16.58	20.75	1.727
5154	13.75	19.35	1.729	5155	13.75	19.817	1.739	5156	11.394	20.75	1.746	5157	16.106	20.75	1.746
5158	13.75	20.283	1.749	5159	11.866	20.75	1.753	5160	15.634	20.75	1.753	5161	12.338	20.75	1.756
5162	15.162	20.75	1.756	5163	12.808	20.75	1.758	5164	14.692	20.75	1.758	5165	13.279	20.75	1.759
5166	14.221	20.75	1.759	5167	13.75	20.75	1.76	5168	13.75	18.844	1.761	5169	13.75	18.338	1.78
5170	13.75	17.832	1.793	5171	13.75	17.326	1.802	5172	13.75	16.82	1.811	5173	13.75	16.314	1.819
5174	13.75	15.808	1.828	5175	13.75	15.302	1.836	5176	13.75	14.795	1.844	5177	13.75	14.289	1.853
5178	13.75	13.783	1.861	5179	7.6	24	1.867	5180	19.9	24	1.867	5181	12.25	25.8	1.867
5182	15.25	25.8	1.867	5183	13.75	13.277	1.869	5184	13.75	12.771	1.877	5185	11.733	25.8	1.881
5186	15.767	25.8	1.881	5187	13.75	12.265	1.886	5188	7.6	24.45	1.89	5189	19.9	24.45	1.89
5190	11.217	25.8	1.893	5191	16.283	25.8	1.893	5192	13.75	11.759	1.894	5193	10.7	25.8	1.901
5194	16.8	25.8	1.901	5195	13.75	11.253	1.902	5196	10.183	25.8	1.908	5197	17.317	25.8	1.908
5198	7.6	24.9	1.91	5199	19.9	24.9	1.91	5200	13.75	10.747	1.911	5201	9.667	25.8	1.915
5202	17.833	25.8	1.915	5203	13.75	10.241	1.919	5204	9.15	25.8	1.922	5205	18.35	25.8	1.922
5206	7.6	25.35	1.927	5207	19.9	25.35	1.927	5208	13.75	9.735	1.927	5209	8.633	25.8	1.929
5210	18.867	25.8	1.929	5211	13.75	9.229	1.936	5212	8.117	25.8	1.936	5213	19.383	25.8	1.936
5214	7.6	25.8	1.943	5215	19.9	25.8	1.943	5216	13.75	8.723	1.944	5217	13.75	8.217	1.952
5218	13.75	7.711	1.961	5219	13.75	7.205	1.969	5220	13.75	6.698	1.977	5221	13.75	6.192	1.985
5222	13.75	5.686	1.994	5223	7.6	20.75	2	5224	19.9	20.75	2	5225	7.6	21	2
5226	19.9	21	2	5227	13.75	5.18	2.002	5228	13.75	4.674	2.011	5229	0.25	0.25	2.015
5230	27.25	0.25	2.015	5231	13.75	4.168	2.02	5232	19.109	0.25	2.021	5233	19.63	0.25	2.022
5234	0.25	0.73	2.022	5235	27.25	0.73	2.022	5236	7.102	20.75	2.025	5237	20.398	20.75	2.025
5238	26.769	0.25	2.025	5239	18.587	0.25	2.027	5240	0.25	1.21	2.029	5241	27.25	1.21	2.029
5242	20.15	0.25	2.03	5243	13.75	3.662	2.033	5244	20.671	0.25	2.036	5245	26.286	0.25	2.036
5246	0.25	1.69	2.036	5247	27.25	1.69	2.036	5248	8.074	20.75	2.037	5249	19.426	20.75	2.037
5250	0.711	0.25	2.037	5251	18.068	0.25	2.038	5252	6.606	20.75	2.042	5253	20.894	20.75	2.042
5254	25.788	0.25	2.042	5255	21.191	0.25	2.042	5256	0.25	2.17	2.043	5257	27.25	2.17	2.043
5258	21.														

Vano di equalizzazione e sedimentazione meccanica

Indice	Posizione			Indice	Posizione			Indice	Posizione			Indice	Posizione		
	X	Y	Z		X	Y	Z		X	Y	Z		X	Y	Z
5338	21.388	20.75	2.051	5339	1.225	20.75	2.052	5340	26.275	20.75	2.052	5341	1.713	20.75	2.052
5342	25.787	20.75	2.052	5343	1.182	0.25	2.053	5344	24.269	0.25	2.053	5345	14.144	0.25	2.053
5346	17.553	0.25	2.053	5347	2.201	20.75	2.053	5348	25.299	20.75	2.053	5349	13.75	3.156	2.054
5350	2.688	20.75	2.054	5351	24.812	20.75	2.054	5352	24.779	0.25	2.054	5353	3.176	20.75	2.055
5354	24.324	20.75	2.055	5355	5.62	20.75	2.055	5356	21.88	20.75	2.055	5357	3.664	20.75	2.056
5358	23.836	20.75	2.056	5359	23.76	0.25	2.056	5360	4.152	20.75	2.056	5361	23.348	20.75	2.056
5362	5.13	20.75	2.057	5363	22.37	20.75	2.057	5364	4.641	20.75	2.057	5365	22.859	20.75	2.057
5366	15.149	0.25	2.059	5367	22.224	0.25	2.059	5368	23.249	0.25	2.059	5369	13.637	0.25	2.06
5370	22.738	0.25	2.06	5371	10.726	0.25	2.064	5372	1.661	0.25	2.066	5373	8.549	20.75	2.066
5374	18.951	20.75	2.066	5375	11.091	0.25	2.068	5376	13.131	0.25	2.068	5377	12.158	0.25	2.068
5378	11.756	0.25	2.072	5379	12.628	0.25	2.073	5380	15.631	0.25	2.074	5381	17.042	0.25	2.078
5382	2.144	0.25	2.078	5383	10.316	0.25	2.082	5384	2.634	0.25	2.086	5385	9.023	20.75	2.088
5386	18.477	20.75	2.088	5387	11.4	2.65	2.089	5388	11.87	2.65	2.089	5389	12.34	2.65	2.089
5390	12.81	2.65	2.089	5391	13.28	2.65	2.089	5392	13.75	2.65	2.089	5393	14.22	2.65	2.089
5394	14.69	2.65	2.089	5395	15.16	2.65	2.089	5396	15.63	2.65	2.089	5397	16.1	2.65	2.089
5398	11.4	2.17	2.09	5399	16.1	2.17	2.09	5400	11.4	1.69	2.092	5401	16.1	1.69	2.092
5402	3.125	0.25	2.094	5403	11.4	1.21	2.094	5404	16.1	1.21	2.094	5405	16.548	0.25	2.094
5406	11.4	0.73	2.096	5407	16.1	0.73	2.096	5408	11.4	0.25	2.098	5409	16.1	0.25	2.098
5410	3.616	0.25	2.101	5411	9.498	20.75	2.105	5412	18.002	20.75	2.105	5413	9.877	0.25	2.106
5414	4.107	0.25	2.108	5415	9.972	20.75	2.12	5416	17.528	20.75	2.12	5417	4.597	0.25	2.122
5418	9.417	0.25	2.125	5419	5.087	0.25	2.132	5420	10.447	20.75	2.137	5421	17.053	20.75	2.137
5422	5.576	0.25	2.14	5423	8.949	0.25	2.145	5424	6.064	0.25	2.147	5425	8.475	0.25	2.148
5426	7.034	0.25	2.149	5427	6.55	0.25	2.151	5428	7.517	0.25	2.153	5429	7.998	0.25	2.155
5430	10.923	20.75	2.16	5431	16.577	20.75	2.16	5432	11.4	19.35	2.2	5433	11.55	19.35	2.2
5434	12.038	19.35	2.2	5435	12.525	19.35	2.2	5436	13.013	19.35	2.2	5437	13.5	19.35	2.2
5438	13.75	19.35	2.2	5439	14	19.35	2.2	5440	14.39	19.35	2.2	5441	14.78	19.35	2.2
5442	15.17	19.35	2.2	5443	15.56	19.35	2.2	5444	15.95	19.35	2.2	5445	16.1	19.35	2.2
5446	14.775	19.672	2.2	5447	15.138	19.676	2.2	5448	14.418	19.68	2.2	5449	15.484	19.696	2.2
5450	14.056	19.765	2.2	5451	15.791	19.773	2.2	5452	11.4	19.817	2.2	5453	11.731	19.817	2.2
5454	12.16	19.817	2.2	5455	12.624	19.817	2.2	5456	13.102	19.817	2.2	5457	13.583	19.817	2.2
5458	13.75	19.817	2.2	5459	16.1	19.817	2.2	5460	14.467	19.957	2.2	5461	15.407	19.969	2.2
5462	14.763	19.982	2.2	5463	15.119	19.991	2.2	5464	13.751	20.198	2.2	5465	14.222	20.213	2.2
5466	15.619	20.222	2.2	5467	11.4	20.283	2.2	5468	11.815	20.283	2.2	5469	12.258	20.283	2.2
5470	12.719	20.283	2.2	5471	13.191	20.283	2.2	5472	13.667	20.283	2.2	5473	13.75	20.283	2.2
5474	16.1	20.283	2.2	5475	14.705	20.315	2.2	5476	15.149	20.32	2.2	5477	11.4	20.75	2.2
5478	11.87	20.75	2.2	5479	12.34	20.75	2.2	5480	12.81	20.75	2.2	5481	13.28	20.75	2.2
5482	13.75	20.75	2.2	5483	14.22	20.75	2.2	5484	14.69	20.75	2.2	5485	15.16	20.75	2.2
5486	15.63	20.75	2.2	5487	16.1	20.75	2.2	5488	13.75	18.844	2.268	5489	13.75	18.338	2.296
5490	13.75	17.832	2.309	5491	13.75	17.326	2.318	5492	13.75	16.82	2.325	5493	13.75	16.314	2.332
5494	7.6	24	2.333	5495	19.9	24	2.333	5496	12.25	25.8	2.333	5497	15.25	25.8	2.333
5498	13.75	15.808	2.339	5499	13.75	15.302	2.346	5500	13.75	14.795	2.353	5501	13.75	14.289	2.36
5502	11.733	25.8	2.362	5503	15.767	25.8	2.362	5504	13.75	13.783	2.367	5505	7.6	24.45	2.37
5506	19.9	24.45	2.37	5507	13.75	13.277	2.374	5508	11.217	25.8	2.379	5509	16.283	25.8	2.379
5510	13.75	12.771	2.381	5511	13.75	12.265	2.388	5512	10.7	25.8	2.389	5513	16.8	25.8	2.389
5514	7.6	24.9	2.395	5515	19.9	24.9	2.395	5516	13.75	11.759	2.395	5517	10.183	25.8	2.396
5518	17.317	25.8	2.396	5519	7.6	20.75	2.4	5520	19.9	20.75	2.4	5521	7.6	21	2.4
5522	19.9	21	2.4	5523	13.75	11.253	2.402	5524	9.667	25.8	2.403	5525	17.833	25.8	2.403
5526	13.75	10.747	2.409	5527	9.15	25.8	2.409	5528	18.35	25.8	2.409	5529	7.6	25.35	2.413
5530	19.9	25.35	2.413	5531	8.633	25.8	2.416	5532	18.867	25.8	2.416	5533	13.75	10.241	2.416
5534	8.117	25.8	2.422	5535	19.383	25.8	2.422	5536	13.75	9.735	2.423	5537	7.6	25.8	2.429
5538	19.9	25.8	2.429	5539	13.75	9.229	2.43	5540	13.75	8.723	2.437	5541	13.75	8.217	2.444
5542	7.105	20.75	2.449	5543	20.395	20.75	2.449	5544	13.75	7.711	2.451	5545	8.075	20.75	2.457
5546	19.425	20.75	2.457	5547	13.75	7.205	2.458	5548	13.75	6.698	2.465	5549	13.75	6.192	2.472
5550	0.25	0.25	2.477	5551	27.25	0.25	2.477	5552	6.611	20.75	2.478	5553	20.889	20.75	2.478
5554	13.75	5.686	2.479	5555	0.25	0.73	2.482	5556	27.25	0.73	2.482	5557	13.75	5.18	2.486
5558	0.25	1.21	2.486	5559	27.25	1.21	2.486	5560	26.764	0.25	2.487	5561	0.25	1.69	2.491
5562	27.25	1.69	2.491	5563	6.119	20.75	2.492	5564	21.381	20.75	2.492	5565	19.634	0.25	2.493
5566	13.75	4.674	2.493	5567	8.549	20.75	2.494	5568	18.951	20.75	2.494	5569	19.116	0.25	2.495
5570	0.25	2.17	2.495	5571	27.25	2.17	2.495	5572	11.112	0.25	2.497	5573	18.601	0.25	2.497
5574	26.275	0.25	2.497	5575	11.736	0.25	2.498	5576	5.627	20.75	2.499	5577	21.873	20.75	2.499
5578	20.149	0.25	2.5	5579	0.25	2.65	2.5	5580	27.25	2.65	2.5	5581	0.25	3.153	2.5
5582	27.25	3.153	2.5	5583	0.25	3.656	2.5	5584	27.25	3.656	2.5	5585	0.25	4.158	2.5
5586	27.25	4.158	2.5	5587	0.25	4.661	2.5	5588	27.25	4.661	2.5	5589	0.25	5.164	2.5
5590	27.25	5.164	2.5	5591	0.25	5.667	2.5	5592	27.25	5.667	2.5	5593	0.25	6.169	2.5
5594	27.25	6.169	2.5	5595	0.25	6.672	2.5	5596	27.25	6.672	2.5	5597	0.25	7.175	2.5
5598	27.25	7.175	2.5	5599	0.25	7.678	2.5	5600	27.25	7.678	2.5	5601	0.25	8.181	2.5
5602	27.25	8.181	2.5	5603	0.25	8.683	2.5	5604	27.25	8.683	2.5	5605	0.25	9.186	2.5
5606	27.25	9.186	2.5	5607	0.25	9.689	2.5	5608	27.25	9.689	2.5	5609	0.25	10.192	2.5
5610	27.25	10.192	2.5	5611	0.25	10.694	2.5	5612	27.25	10.694	2.5	5613	0.25	11.197	2.5
5614	27.25	11.197	2.5	5615	0.25	11.7	2.5	5616	27.25	11.7	2.5	5617	0.25	12.203	2.5
5618	27.25	12.203	2.5	5619	0.25	12.706	2.5	5620	27.25	12.706	2.5	5621	0.25	13.208	2.5
5622	27.25	13.208	2.5	5623	0.25	13.711	2.5	5624	27.25	13.711	2.5	5625	0.25	14.214	2.5
5626	27.25	14.214	2.5	5627	0.25	14.717	2.5	5628	27.25	14.717	2.5	5629	0.25	15.219	2.5
5630	27.25	15.219	2.5	5631	0.25	15.722	2.5	5632	27.25	15.722	2.5	5633	0.25	16.225	2.5
5634	27.25	16.225	2.5	5635	0.25	16.728	2.5	5636	27.25	16.728	2.5	5637	0.25	17.231	2.5
5638	27.25	17.231	2.5	5639	0.25	17.733	2.5	5640	27.25	17.733	2.5	5641	0.25	18.236	2.5
5642	27.25	18.236	2.5	5643	0.25	18.739	2.5	5644	27.25	18.739	2.5	5645	0.25	19.242	2.5
5646	27.25	19.24													

Indice	Posizione			Indice	Posizione			Indice	Posizione			Indice	Posizione		
	X	Y	Z		X	Y	Z		X	Y	Z		X	Y	Z
5726	6.55	0.25	2.596	5727	11.4	20.75	2.6	5728	11.87	20.75	2.6	5729	12.34	20.75	2.6
5730	12.81	20.75	2.6	5731	13.28	20.75	2.6	5732	13.75	20.75	2.6	5733	14.22	20.75	2.6
5734	14.69	20.75	2.6	5735	15.16	20.75	2.6	5736	15.63	20.75	2.6	5737	16.1	20.75	2.6
5738	8.481	0.25	2.6	5739	8.959	0.25	2.601	5740	7.035	0.25	2.603	5741	8.001	0.25	2.604
5742	7.519	0.25	2.604	5743	11.4	0.25	2.62	5744	16.1	0.25	2.62	5745	11.4	0.73	2.62
5746	16.1	0.73	2.62	5747	11.4	1.21	2.62	5748	16.1	1.21	2.62	5749	11.4	1.69	2.62
5750	16.1	1.69	2.62	5751	11.4	2.17	2.62	5752	16.1	2.17	2.62	5753	11.4	2.65	2.62
5754	11.87	2.65	2.62	5755	12.34	2.65	2.62	5756	12.81	2.65	2.62	5757	13.28	2.65	2.62
5758	13.75	2.65	2.62	5759	14.22	2.65	2.62	5760	14.69	2.65	2.62	5761	15.16	2.65	2.62
5762	15.63	2.65	2.62	5763	16.1	2.65	2.62	5764	11.4	20.283	2.621	5765	16.1	20.283	2.621
5766	11.4	19.817	2.667	5767	16.1	19.817	2.667	5768	13.839	19.35	2.725	5769	11.696	0.25	2.764
5770	11.162	0.25	2.764	5771	11.4	19.35	2.8	5772	11.55	19.35	2.8	5773	12.083	19.35	2.8
5774	12.617	19.35	2.8	5775	13.15	19.35	2.8	5776	13.5	19.35	2.8	5777	13.75	19.35	2.8
5778	14	19.35	2.8	5779	14.35	19.35	2.8	5780	14.883	19.35	2.8	5781	15.417	19.35	2.8
5782	15.95	19.35	2.8	5783	16.1	19.35	2.8	5784	7.6	20.75	2.8	5785	19.9	20.75	2.8
5786	7.6	21	2.8	5787	19.9	21	2.8	5788	7.6	21.5	2.8	5789	19.9	21.549	2.8
5790	7.6	22	2.8	5791	19.9	22.098	2.8	5792	7.6	22.5	2.8	5793	19.9	22.573	2.8
5794	7.6	23	2.8	5795	19.9	23.049	2.8	5796	7.6	23.5	2.8	5797	19.9	23.524	2.8
5798	7.6	24	2.8	5799	19.9	24	2.8	5800	12.25	25.8	2.8	5801	12.75	25.8	2.8
5802	13.25	25.8	2.8	5803	13.75	25.8	2.8	5804	14.25	25.8	2.8	5805	14.75	25.8	2.8
5806	15.25	25.8	2.8	5807	11.419	0.25	2.813	5808	13.75	18.844	2.826	5809	13.75	18.338	2.84
5810	13.75	17.832	2.847	5811	13.75	17.326	2.852	5812	13.75	16.82	2.857	5813	11.733	25.8	2.86
5814	15.767	25.8	2.86	5815	13.75	16.314	2.861	5816	7.6	24.45	2.865	5817	19.9	24.45	2.865
5818	13.75	15.808	2.865	5819	13.75	15.302	2.869	5820	13.75	14.795	2.873	5821	13.641	19.35	2.875
5822	13.75	14.289	2.877	5823	11.217	25.8	2.88	5824	16.283	25.8	2.88	5825	13.75	13.783	2.881
5826	13.75	13.277	2.885	5827	13.75	12.771	2.889	5828	10.7	25.8	2.889	5829	16.8	25.8	2.889
5830	7.6	24.9	2.89	5831	19.9	24.9	2.89	5832	13.75	12.265	2.893	5833	7.108	20.75	2.894
5834	20.392	20.75	2.894	5835	10.183	25.8	2.894	5836	17.317	25.8	2.894	5837	13.75	11.759	2.897
5838	8.075	20.75	2.898	5839	19.425	20.75	2.898	5840	9.667	25.8	2.899	5841	17.833	25.8	2.899
5842	13.75	11.253	2.901	5843	9.15	25.8	2.903	5844	18.35	25.8	2.903	5845	7.6	25.35	2.904
5846	19.9	25.35	2.904	5847	13.75	10.747	2.905	5848	8.633	25.8	2.906	5849	18.867	25.8	2.906
5850	13.75	10.241	2.909	5851	8.117	25.8	2.91	5852	19.383	25.8	2.91	5853	13.75	9.735	2.913
5854	7.6	25.8	2.914	5855	19.9	25.8	2.914	5856	13.75	9.229	2.917	5857	13.75	8.723	2.921
5858	13.75	8.217	2.925	5859	6.616	20.75	2.928	5860	20.884	20.75	2.928	5861	13.75	7.711	2.929
5862	13.75	7.205	2.933	5863	8.55	20.75	2.937	5864	18.95	20.75	2.937	5865	13.75	6.698	2.937
5866	0.25	0.25	2.938	5867	27.25	0.25	2.938	5868	0.25	0.73	2.941	5869	27.25	0.73	2.941
5870	13.75	6.192	2.941	5871	6.125	20.75	2.942	5872	21.375	20.75	2.942	5873	0.25	1.21	2.943
5874	27.25	1.21	2.943	5875	26.756	0.25	2.945	5876	0.25	1.69	2.945	5877	27.25	1.69	2.945
5878	13.75	5.686	2.946	5879	5.634	20.75	2.947	5880	21.866	20.75	2.947	5881	0.25	2.17	2.948
5882	27.25	2.17	2.948	5883	13.75	5.18	2.95	5884	5.144	20.75	2.95	5885	22.356	20.75	2.95
5886	0.25	2.65	2.95	5887	27.25	2.65	2.95	5888	0.25	3.153	2.95	5889	27.25	3.153	2.95
5890	0.25	3.656	2.95	5891	27.25	3.656	2.95	5892	0.25	4.158	2.95	5893	27.25	4.158	2.95
5894	0.25	4.661	2.95	5895	27.25	4.661	2.95	5896	0.25	5.164	2.95	5897	27.25	5.164	2.95
5898	0.25	5.667	2.95	5899	27.25	5.667	2.95	5900	0.25	6.169	2.95	5901	27.25	6.169	2.95
5902	0.25	6.672	2.95	5903	27.25	6.672	2.95	5904	0.25	7.175	2.95	5905	27.25	7.175	2.95
5906	0.25	7.678	2.95	5907	27.25	7.678	2.95	5908	0.25	8.181	2.95	5909	27.25	8.181	2.95
5910	0.25	8.683	2.95	5911	27.25	8.683	2.95	5912	0.25	9.186	2.95	5913	27.25	9.186	2.95
5914	0.25	9.689	2.95	5915	27.25	9.689	2.95	5916	0.25	10.192	2.95	5917	27.25	10.192	2.95
5918	0.25	10.694	2.95	5919	27.25	10.694	2.95	5920	0.25	11.197	2.95	5921	27.25	11.197	2.95
5922	0.25	11.7	2.95	5923	27.25	11.7	2.95	5924	0.25	12.203	2.95	5925	27.25	12.203	2.95
5926	0.25	12.706	2.95	5927	27.25	12.706	2.95	5928	0.25	13.208	2.95	5929	27.25	13.208	2.95
5930	0.25	13.711	2.95	5931	27.25	13.711	2.95	5932	0.25	14.214	2.95	5933	27.25	14.214	2.95
5934	0.25	14.717	2.95	5935	27.25	14.717	2.95	5936	0.25	15.219	2.95	5937	27.25	15.219	2.95
5938	0.25	15.722	2.95	5939	27.25	15.722	2.95	5940	0.25	16.225	2.95	5941	27.25	16.225	2.95
5942	0.25	16.728	2.95	5943	27.25	16.728	2.95	5944	0.25	17.231	2.95	5945	27.25	17.231	2.95
5946	0.25	17.733	2.95	5947	27.25	17.733	2.95	5948	0.25	18.236	2.95	5949	27.25	18.236	2.95
5950	0.25	18.739	2.95	5951	27.25	18.739	2.95	5952	0.25	19.242	2.95	5953	27.25	19.242	2.95
5954	0.25	19.744	2.95	5955	27.25	19.744	2.95	5956	0.25	20.247	2.95	5957	27.25	20.247	2.95
5958	0.25	20.75	2.95	5959	27.25	20.75	2.95	5960	0.739	20.75	2.95	5961	26.761	20.75	2.95
5962	1.228	20.75	2.95	5963	26.272	20.75	2.95	5964	1.718	20.75	2.951	5965	25.782	20.75	2.951
5966	2.207	20.75	2.951	5967	25.293	20.75	2.951	5968	4.654	20.75	2.951	5969	22.846	20.75	2.951
5970	19.64	0.25	2.951	5971	2.696	20.75	2.951	5972	24.804	20.75	2.951	5973	3.185	20.75	2.951
5974	24.315	20.75	2.951	5975	4.164	20.75	2.951	5976	23.336	20.75	2.951	5977	3.675	20.75	2.951
5978	23.825	20.75	2.951	5979	26.261	0.25	2.954	5980	18.616	0.25	2.954	5981	13.75	4.674	2.954
5982	19.127	0.25	2.954	5983	9.024	20.75	2.954	5984	18.476	20.75	2.954	5985	20.663	0.25	2.955
5986	20.151	0.25	2.956	5987	18.106	0.25	2.958	5988	25.756	0.25	2.958	5989	24.23	0.25	2.959
5990	13.75	4.168	2.959	5991	24.739	0.25	2.96	5992	25.248	0.25	2.96	5993	21.174	0.25	2.961
5994	23.722	0.25	2.963	5995	0.721	0.25	2.963	5996	23.214	0.25	2.965	5997	9.499	20.75	2.965
5998	18.001	20.75	2.965	5999	21.685	0.25	2.966	6000	10.759	0.25	2.966	6001	10.946	0.25	2.966
6002	22.705	0.25	2.967	6003	11.937	0.25	2.967	6004	13.75	3.662	2.967	6005	22.196	0.25	2.968
6006	14.542	0.25	2.969	6007	14.046	0.25	2.97	6008	9.974	20.75	2.973	6009	17.526	20.75	2.973
6010	13.55	0.25	2.975	6011	12.529	0.25	2.975	6012	15.047	0.25	2.978	6013	1.197	0.25	2.98
6014	10.417	0.25	2.98	6015	13.048	0.25	2.98	6016	10.449	20.75	2.98	6017	17.051	20.75	2.98
6018	17.089	0.25	2.981	6019	13.75	3.156	2.982	6020	10.925	20.75	2.989	6021	16.575	20.75	2.989
6022	1.679	0.25	2.99	6023	9.929	0.25	2.991	6024	15.582	0.25	2.996	6025	16.588	0.25	2.997
6026	2.167	0.25	2.997	6027	11.4	20.75	3	6028	11.87	20.75	3	6029	12.34	20.75	3
6030	12.81	20.75	3	6031	13.28	20.75	3	6032	13.75	20.75	3	6033	14.22	20.75	3
6034	14.69	20.75	3	6035	15.16	20.75	3								

Indice	Posizione			Indice	Posizione			Indice	Posizione			Indice	Posizione		
	X	Y	Z		X	Y	Z		X	Y	Z		X	Y	Z
6114	21.168	0.25	3.4	6115	21.675	0.25	3.4	6116	22.182	0.25	3.4	6117	22.689	0.25	3.4
6118	23.195	0.25	3.4	6119	23.702	0.25	3.4	6120	24.209	0.25	3.4	6121	24.716	0.25	3.4
6122	25.223	0.25	3.4	6123	25.73	0.25	3.4	6124	26.236	0.25	3.4	6125	26.743	0.25	3.4
6126	27.25	0.25	3.4	6127	0.25	0.73	3.4	6128	11.4	0.73	3.4	6129	11.975	0.73	3.4
6130	12.55	0.73	3.4	6131	14.95	0.73	3.4	6132	15.525	0.73	3.4	6133	16.1	0.73	3.4
6134	27.25	0.73	3.4	6135	0.25	1.21	3.4	6136	11.4	1.21	3.4	6137	11.975	1.21	3.4
6138	12.55	1.21	3.4	6139	14.95	1.21	3.4	6140	15.525	1.21	3.4	6141	16.1	1.21	3.4
6142	27.25	1.21	3.4	6143	0.25	1.69	3.4	6144	11.4	1.69	3.4	6145	11.975	1.69	3.4
6146	12.55	1.69	3.4	6147	14.95	1.69	3.4	6148	15.525	1.69	3.4	6149	16.1	1.69	3.4
6150	27.25	1.69	3.4	6151	0.25	2.17	3.4	6152	11.4	2.17	3.4	6153	11.975	2.17	3.4
6154	12.55	2.17	3.4	6155	14.95	2.17	3.4	6156	15.525	2.17	3.4	6157	16.1	2.17	3.4
6158	27.25	2.17	3.4	6159	0.25	2.65	3.4	6160	11.4	2.65	3.4	6161	11.975	2.65	3.4
6162	12.55	2.65	3.4	6163	13.15	2.65	3.4	6164	13.75	2.65	3.4	6165	14.35	2.65	3.4
6166	14.95	2.65	3.4	6167	15.525	2.65	3.4	6168	16.1	2.65	3.4	6169	27.25	2.65	3.4
6170	0.25	3.153	3.4	6171	27.25	3.153	3.4	6172	13.15	3.156	3.4	6173	13.75	3.156	3.4
6174	14.35	3.156	3.4	6175	0.25	3.656	3.4	6176	27.25	3.656	3.4	6177	13.15	3.662	3.4
6178	13.75	3.662	3.4	6179	14.35	3.662	3.4	6180	0.25	4.158	3.4	6181	27.25	4.158	3.4
6182	13.15	4.168	3.4	6183	13.75	4.168	3.4	6184	14.35	4.168	3.4	6185	0.25	4.661	3.4
6186	27.25	4.661	3.4	6187	13.15	4.674	3.4	6188	13.75	4.674	3.4	6189	14.35	4.674	3.4
6190	0.25	5.164	3.4	6191	27.25	5.164	3.4	6192	13.15	5.18	3.4	6193	13.75	5.18	3.4
6194	14.35	5.18	3.4	6195	0.25	5.667	3.4	6196	27.25	5.667	3.4	6197	13.15	5.686	3.4
6198	13.75	5.686	3.4	6199	14.35	5.686	3.4	6200	0.25	6.169	3.4	6201	27.25	6.169	3.4
6202	13.15	6.192	3.4	6203	13.75	6.192	3.4	6204	14.35	6.192	3.4	6205	0.25	6.672	3.4
6206	27.25	6.672	3.4	6207	13.15	6.698	3.4	6208	13.75	6.698	3.4	6209	14.35	6.698	3.4
6210	0.25	7.175	3.4	6211	27.25	7.175	3.4	6212	13.15	7.205	3.4	6213	13.75	7.205	3.4
6214	14.35	7.205	3.4	6215	0.25	7.678	3.4	6216	27.25	7.678	3.4	6217	13.15	7.711	3.4
6218	13.75	7.711	3.4	6219	14.35	7.711	3.4	6220	0.25	8.181	3.4	6221	27.25	8.181	3.4
6222	13.15	8.217	3.4	6223	13.75	8.217	3.4	6224	14.35	8.217	3.4	6225	0.25	8.683	3.4
6226	27.25	8.683	3.4	6227	13.15	8.723	3.4	6228	13.75	8.723	3.4	6229	14.35	8.723	3.4
6230	0.25	9.186	3.4	6231	27.25	9.186	3.4	6232	13.15	9.229	3.4	6233	13.75	9.229	3.4
6234	14.35	9.229	3.4	6235	0.25	9.689	3.4	6236	27.25	9.689	3.4	6237	13.15	9.735	3.4
6238	13.75	9.735	3.4	6239	14.35	9.735	3.4	6240	0.25	10.192	3.4	6241	27.25	10.192	3.4
6242	13.15	10.241	3.4	6243	13.75	10.241	3.4	6244	14.35	10.241	3.4	6245	0.25	10.694	3.4
6246	27.25	10.694	3.4	6247	13.15	10.747	3.4	6248	13.75	10.747	3.4	6249	14.35	10.747	3.4
6250	0.25	11.197	3.4	6251	27.25	11.197	3.4	6252	13.15	11.253	3.4	6253	13.75	11.253	3.4
6254	14.35	11.253	3.4	6255	0.25	11.7	3.4	6256	27.25	11.7	3.4	6257	13.15	11.759	3.4
6258	13.75	11.759	3.4	6259	14.35	11.759	3.4	6260	0.25	12.203	3.4	6261	27.25	12.203	3.4
6262	13.15	12.265	3.4	6263	13.75	12.265	3.4	6264	14.35	12.265	3.4	6265	0.25	12.706	3.4
6266	27.25	12.706	3.4	6267	13.15	12.771	3.4	6268	13.75	12.771	3.4	6269	14.35	12.771	3.4
6270	0.25	13.208	3.4	6271	27.25	13.208	3.4	6272	13.15	13.277	3.4	6273	13.75	13.277	3.4
6274	14.35	13.277	3.4	6275	0.25	13.711	3.4	6276	27.25	13.711	3.4	6277	13.15	13.783	3.4
6278	13.75	13.783	3.4	6279	14.35	13.783	3.4	6280	0.25	14.214	3.4	6281	27.25	14.214	3.4
6282	13.15	14.289	3.4	6283	13.75	14.289	3.4	6284	14.35	14.289	3.4	6285	0.25	14.717	3.4
6286	27.25	14.717	3.4	6287	13.15	14.795	3.4	6288	13.75	14.795	3.4	6289	14.35	14.795	3.4
6290	0.25	15.219	3.4	6291	27.25	15.219	3.4	6292	13.15	15.302	3.4	6293	13.75	15.302	3.4
6294	14.35	15.302	3.4	6295	0.25	15.722	3.4	6296	27.25	15.722	3.4	6297	13.15	15.808	3.4
6298	13.75	15.808	3.4	6299	14.35	15.808	3.4	6300	0.25	16.225	3.4	6301	27.25	16.225	3.4
6302	13.15	16.314	3.4	6303	13.75	16.314	3.4	6304	14.35	16.314	3.4	6305	0.25	16.728	3.4
6306	27.25	16.728	3.4	6307	13.15	16.82	3.4	6308	13.75	16.82	3.4	6309	14.35	16.82	3.4
6310	0.25	17.231	3.4	6311	27.25	17.231	3.4	6312	13.15	17.326	3.4	6313	13.75	17.326	3.4
6314	14.35	17.326	3.4	6315	0.25	17.733	3.4	6316	27.25	17.733	3.4	6317	13.15	17.832	3.4
6318	13.75	17.832	3.4	6319	14.35	17.832	3.4	6320	0.25	18.236	3.4	6321	27.25	18.236	3.4
6322	13.15	18.338	3.4	6323	13.75	18.338	3.4	6324	14.35	18.338	3.4	6325	0.25	18.739	3.4
6326	27.25	18.739	3.4	6327	13.15	18.844	3.4	6328	13.75	18.844	3.4	6329	14.35	18.844	3.4
6330	0.25	19.242	3.4	6331	27.25	19.242	3.4	6332	11.4	19.35	3.4	6333	11.838	19.35	3.4
6334	12.275	19.35	3.4	6335	12.713	19.35	3.4	6336	13.15	19.35	3.4	6337	13.75	19.35	3.4
6338	14.35	19.35	3.4	6339	14.788	19.35	3.4	6340	15.225	19.35	3.4	6341	15.663	19.35	3.4
6342	16.1	19.35	3.4	6343	0.25	19.744	3.4	6344	27.25	19.744	3.4	6345	11.4	19.817	3.4
6346	16.1	19.817	3.4	6347	13.775	19.957	3.4	6348	0.25	20.247	3.4	6349	27.25	20.247	3.4
6350	11.4	20.283	3.4	6351	16.1	20.283	3.4	6352	0.25	20.75	3.4	6353	0.74	20.75	3.4
6354	1.23	20.75	3.4	6355	1.72	20.75	3.4	6356	2.21	20.75	3.4	6357	2.7	20.75	3.4
6358	3.19	20.75	3.4	6359	3.68	20.75	3.4	6360	4.17	20.75	3.4	6361	4.66	20.75	3.4
6362	5.15	20.75	3.4	6363	5.64	20.75	3.4	6364	6.13	20.75	3.4	6365	6.62	20.75	3.4
6366	7.11	20.75	3.4	6367	7.6	20.75	3.4	6368	8.075	20.75	3.4	6369	8.55	20.75	3.4
6370	9.025	20.75	3.4	6371	9.5	20.75	3.4	6372	9.975	20.75	3.4	6373	10.45	20.75	3.4
6374	10.925	20.75	3.4	6375	11.4	20.75	3.4	6376	11.87	20.75	3.4	6377	12.34	20.75	3.4
6378	12.81	20.75	3.4	6379	13.28	20.75	3.4	6380	13.75	20.75	3.4	6381	14.22	20.75	3.4
6382	14.69	20.75	3.4	6383	15.16	20.75	3.4	6384	15.63	20.75	3.4	6385	16.1	20.75	3.4
6386	16.575	20.75	3.4	6387	17.05	20.75	3.4	6388	17.525	20.75	3.4	6389	18	20.75	3.4
6390	18.475	20.75	3.4	6391	18.95	20.75	3.4	6392	19.425	20.75	3.4	6393	19.9	20.75	3.4
6394	20.39	20.75	3.4	6395	20.88	20.75	3.4	6396	21.37	20.75	3.4	6397	21.86	20.75	3.4
6398	22.35	20.75	3.4	6399	22.84	20.75	3.4	6400	23.33	20.75	3.4	6401	23.82	20.75	3.4
6402	24.31	20.75	3.4	6403	24.8	20.75	3.4	6404	25.29	20.75	3.4	6405	25.78	20.75	3.4
6406	26.27	20.75	3.4	6407	26.76	20.75	3.4	6408	27.25	20.75	3.4	6409	18.476	21.057	3.4
6410	18.051	21.067	3.4	6411	18.91	21.114	3.4	6412	17.661	21.121	3.4	6413	9.037	21.141	3.4
6414	9.478	21.152	3.4	6415	8.59	21.159	3.4	6416	13.748	21.161	3.4	6417	14.231	21.162	3.4
6418	13.265	21.164	3.4	6419	14.716	21.165	3.4	6420	12.781	21.166	3.4	6421	12.297	21.173	3.4
6422	15.206	21.18	3.4	6423	11.816	21.209	3.4	6424	7.6	21.214	3.4	6425	15.692	21.224	3.4
6426	19.9	21.233	3.4	6427	19.381	21.241	3.4	6428	11.339	21.251	3.4	6429	8.111	21.256	3.4
6430	9.866														

Indice	Posizione			Indice	Posizione			Indice	Posizione			Indice	Posizione		
	X	Y	Z		X	Y	Z		X	Y	Z		X	Y	Z
6502	17.618	22.406	3.4	6503	13.739	22.438	3.4	6504	13.224	22.442	3.4	6505	14.255	22.443	3.4
6506	14.782	22.461	3.4	6507	12.701	22.463	3.4	6508	18.378	22.478	3.4	6509	10.2	22.5	3.4
6510	10.8	22.5	3.4	6511	16.7	22.5	3.4	6512	17.3	22.5	3.4	6513	8.55	22.501	3.4
6514	12.15	22.501	3.4	6515	15.35	22.501	3.4	6516	18.95	22.501	3.4	6517	19.215	22.554	3.4
6518	19.548	22.571	3.4	6519	19.9	22.573	3.4	6520	15.785	22.576	3.4	6521	11.701	22.577	3.4
6522	8.263	22.581	3.4	6523	7.929	22.606	3.4	6524	7.6	22.607	3.4	6525	8.934	22.621	3.4
6526	16.252	22.662	3.4	6527	11.238	22.665	3.4	6528	9.271	22.682	3.4	6529	17.913	22.694	3.4
6530	9.59	22.714	3.4	6531	9.919	22.733	3.4	6532	17.599	22.74	3.4	6533	16.723	22.758	3.4
6534	10.772	22.761	3.4	6535	17.21	22.779	3.4	6536	10.293	22.781	3.4	6537	14.25	22.863	3.4
6538	13.736	22.868	3.4	6539	13.221	22.874	3.4	6540	14.762	22.877	3.4	6541	12.703	22.895	3.4
6542	15.286	22.922	3.4	6543	12.184	22.932	3.4	6544	18.175	22.937	3.4	6545	8.592	22.967	3.4
6546	15.775	22.98	3.4	6547	18.743	22.981	3.4	6548	8.921	22.985	3.4	6549	11.696	22.99	3.4
6550	19.153	23.015	3.4	6551	9.259	23.016	3.4	6552	8.295	23.026	3.4	6553	19.534	23.036	3.4
6554	16.255	23.039	3.4	6555	9.599	23.043	3.4	6556	11.226	23.046	3.4	6557	19.9	23.049	3.4
6558	17.664	23.064	3.4	6559	7.923	23.071	3.4	6560	7.6	23.071	3.4	6561	9.948	23.072	3.4
6562	16.224	23.09	3.4	6563	10.766	23.096	3.4	6564	17.191	23.102	3.4	6565	10.332	23.109	3.4
6566	8.63	23.262	3.4	6567	13.734	23.3	3.4	6568	14.248	23.302	3.4	6569	13.219	23.304	3.4
6570	14.76	23.313	3.4	6571	8.895	23.322	3.4	6572	12.703	23.324	3.4	6573	15.271	23.342	3.4
6574	9.24	23.347	3.4	6575	12.189	23.353	3.4	6576	9.593	23.361	3.4	6577	15.769	23.383	3.4
6578	9.944	23.388	3.4	6579	11.691	23.396	3.4	6580	16.254	23.428	3.4	6581	11.211	23.435	3.4
6582	18.19	23.446	3.4	6583	16.719	23.464	3.4	6584	18.684	23.464	3.4	6585	10.749	23.466	3.4
6586	17.686	23.474	3.4	6587	10.35	23.476	3.4	6588	17.15	23.476	3.4	6589	8.412	23.484	3.4
6590	19.11	23.488	3.4	6591	19.534	23.509	3.4	6592	7.975	23.522	3.4	6593	19.9	23.524	3.4
6594	7.6	23.536	3.4	6595	8.81	23.627	3.4	6596	9.894	23.634	3.4	6597	9.209	23.665	3.4
6598	9.589	23.665	3.4	6599	14.248	23.733	3.4	6600	13.733	23.737	3.4	6601	14.761	23.738	3.4
6602	13.217	23.738	3.4	6603	12.7	23.748	3.4	6604	15.272	23.754	3.4	6605	12.183	23.769	3.4
6606	15.775	23.79	3.4	6607	11.686	23.8	3.4	6608	16.263	23.831	3.4	6609	11.193	23.832	3.4
6610	10.149	23.849	3.4	6611	10.692	23.855	3.4	6612	16.74	23.862	3.4	6613	17.216	23.881	3.4
6614	17.716	23.893	3.4	6615	18.211	23.902	3.4	6616	18.672	23.922	3.4	6617	19.059	23.96	3.4
6618	9.654	23.971	3.4	6619	19.497	23.977	3.4	6620	8.354	23.98	3.4	6621	7.973	23.984	3.4
6622	7.6	24	3.4	6623	19.9	24	3.4	6624	9.203	24.017	3.4	6625	8.731	24.023	3.4
6626	15.293	24.141	3.4	6627	12.177	24.146	3.4	6628	12.697	24.155	3.4	6629	13.217	24.158	3.4
6630	14.767	24.164	3.4	6631	13.735	24.17	3.4	6632	14.25	24.175	3.4	6633	15.784	24.189	3.4
6634	11.681	24.193	3.4	6635	16.272	24.232	3.4	6636	11.184	24.239	3.4	6637	16.76	24.266	3.4
6638	10.681	24.269	3.4	6639	17.246	24.288	3.4	6640	10.169	24.293	3.4	6641	17.738	24.31	3.4
6642	18.225	24.333	3.4	6643	9.666	24.353	3.4	6644	18.627	24.363	3.4	6645	9.155	24.397	3.4
6646	8.31	24.416	3.4	6647	7.972	24.427	3.4	6648	19.444	24.435	3.4	6649	7.6	24.45	3.4
6650	19.9	24.45	3.4	6651	8.55	24.451	3.4	6652	12.15	24.451	3.4	6653	15.35	24.451	3.4
6654	18.95	24.451	3.4	6655	12.695	24.54	3.4	6656	14.787	24.547	3.4	6657	13.22	24.569	3.4
6658	14.258	24.574	3.4	6659	13.739	24.576	3.4	6660	11.679	24.583	3.4	6661	15.796	24.587	3.4
6662	16.281	24.636	3.4	6663	11.186	24.643	3.4	6664	16.774	24.665	3.4	6665	10.684	24.674	3.4
6666	17.269	24.694	3.4	6667	10.179	24.7	3.4	6668	17.763	24.72	3.4	6669	18.242	24.733	3.4
6670	9.679	24.735	3.4	6671	18.662	24.747	3.4	6672	9.188	24.764	3.4	6673	8.367	24.781	3.4
6674	8.713	24.787	3.4	6675	19.045	24.791	3.4	6676	8.024	24.854	3.4	6677	19.425	24.857	3.4
6678	7.6	24.9	3.4	6679	19.9	24.9	3.4	6680	12.197	24.971	3.4	6681	15.29	24.974	3.4
6682	14.773	24.98	3.4	6683	12.713	24.98	3.4	6684	14.257	24.986	3.4	6685	13.229	24.988	3.4
6686	13.743	24.99	3.4	6687	11.699	25.036	3.4	6688	16.28	25.052	3.4	6689	15.771	25.061	3.4
6690	8.426	25.062	3.4	6691	19.023	25.063	3.4	6692	16.784	25.065	3.4	6693	10.69	25.076	3.4
6694	11.198	25.077	3.4	6695	17.287	25.086	3.4	6696	10.183	25.088	3.4	6697	18.713	25.096	3.4
6698	8.745	25.107	3.4	6699	17.787	25.11	3.4	6700	18.27	25.111	3.4	6701	9.68	25.114	3.4
6702	9.193	25.126	3.4	6703	8.165	25.299	3.4	6704	19.311	25.301	3.4	6705	7.6	25.35	3.4
6706	19.9	25.35	3.4	6707	12.732	25.396	3.4	6708	13.239	25.396	3.4	6709	14.253	25.399	3.4
6710	13.746	25.4	3.4	6711	14.761	25.4	3.4	6712	12.224	25.4	3.4	6713	15.267	25.404	3.4
6714	18.801	25.416	3.4	6715	8.676	25.417	3.4	6716	11.717	25.429	3.4	6717	16.281	25.435	3.4
6718	16.792	25.437	3.4	6719	15.769	25.438	3.4	6720	17.302	25.448	3.4	6721	18.308	25.449	3.4
6722	9.173	25.45	3.4	6723	10.695	25.452	3.4	6724	10.183	25.452	3.4	6725	11.208	25.456	3.4
6726	17.808	25.456	3.4	6727	9.674	25.457	3.4	6728	7.6	25.8	3.4	6729	8.117	25.8	3.4
6730	8.633	25.8	3.4	6731	9.15	25.8	3.4	6732	9.667	25.8	3.4	6733	10.183	25.8	3.4
6734	10.7	25.8	3.4	6735	11.217	25.8	3.4	6736	11.733	25.8	3.4	6737	12.25	25.8	3.4
6738	12.75	25.8	3.4	6739	13.25	25.8	3.4	6740	13.75	25.8	3.4	6741	14.25	25.8	3.4
6742	14.75	25.8	3.4	6743	15.25	25.8	3.4	6744	15.767	25.8	3.4	6745	16.283	25.8	3.4
6746	16.8	25.8	3.4	6747	17.317	25.8	3.4	6748	17.833	25.8	3.4	6749	18.35	25.8	3.4
6750	18.867	25.8	3.4	6751	19.383	25.8	3.4	6752	19.9	25.8	3.4				

2.2 Aste

2.2.1 Carichi su aste

2.2.1.1 Carichi trapezoidali locali

Indice asta: indice dell'asta a cui si riferisce il carico trapezoidale.

Condizione: condizione elementare di carico a cui si riferisce il carico.

Posizione iniziale: posizione iniziale del carico sull'asse locale 1. [m]

F1 iniziale: componente del valore iniziale del carico lungo l'asse locale 1. [kN/m]

F2 iniziale: componente del valore iniziale del carico lungo l'asse locale 2. [kN/m]

F3 iniziale: componente del valore iniziale del carico lungo l'asse locale 3. [kN/m]

Posizione finale: posizione finale del carico sull'asse locale 1. [m]

F1 finale: componente del valore finale del carico lungo l'asse locale 1. [kN/m]

F2 finale: componente del valore finale del carico lungo l'asse locale 2. [kN/m]

F3 finale: componente del valore finale del carico lungo l'asse locale 3. [kN/m]

Indice asta	Condizione	Posizione iniziale	F1 iniziale	F2 iniziale	F3 iniziale	Posizione finale	F1 finale	F2 finale	F3 finale
5	Permanenti portati	0	0	-1.2	0	0.6	0	-1.2	0
5	Variabile folla	0	0	-2.4	0	0.6	0	-2.4	0
6	Permanenti portati	0	0	-1.2	0	0.6	0	-1.2	0
6	Variabile folla	0	0	-2.4	0	0.6	0	-2.4	0
7	Permanenti portati	0	0	-1.2	0	0.6	0	-1.2	0
7	Variabile folla	0	0	-2.4	0	0.6	0	-2.4	0
8	Permanenti portati	0	0	-1.2	0	0.6	0	-1.2	0
8	Variabile folla	0	0	-2.4	0	0.6	0	-2.4	0
11	Permanenti portati	0	0.208	-0.379	0	3.536	0.208	-0.379	0
11	Variabile folla	0	0.416	-0.758	0	3.536	0.416	-0.758	0
12	Permanenti portati	0	0.208	0.379	0	3.536	0.208	0.379	0
12	Variabile folla	0	0.416	0.758	0	3.536	0.416	0.758	0
14	Permanenti portati	0	0.208	0.379	0	3.536	0.208	0.379	0
14	Variabile folla	0	0.416	0.758	0	3.536	0.416	0.758	0
15	Permanenti portati	0	0.208	-0.379	0	3.536	0.208	-0.379	0
15	Variabile folla	0	0.416	-0.758	0	3.536	0.416	-0.758	0

2.2.2 Caratteristiche meccaniche aste

I seguenti dati si riferiscono alle caratteristiche meccaniche delle aste utilizzate dal solutore ad elementi finiti. Normalmente differiscono dalle caratteristiche inerziali delle sezioni definite nel database. Tengono conto dei moltiplicatori inerziali espressi nelle preferenze FEM e di indicazioni tratte dalla bibliografia (SAP 90 Volume I Figura X-8; Belluzzi Vol. 1).

I.: numero dell'elemento nell'insieme che lo contiene.

Area: area della sezione trasversale. [m²]

Area 2: area di taglio per sforzo di taglio nella direzione 2. [m²]

Area 3: area di taglio per sforzo di taglio nella direzione 3. [m²]

In.2: momento d'inerzia attorno all'asse locale 2. [m⁴]

In.3: momento d'inerzia attorno all'asse locale 3. [m⁴]

In.tors.: momento d'inerzia torsionale corretto con il fattore di torsione. [m⁴]

E: modulo di elasticità longitudinale. [kN/m²]

G: modulo di elasticità tangenziale. [kN/m²]

α: coefficiente di dilatazione termica longitudinale. [°C⁻¹]

P.unit.: peso per unità di lunghezza dell'elemento. [kN/m]

S.fibre: caratteristiche della sezione a fibre.

Sez.corr.: sezione degli elementi correlati.

Desc.: descrizione o nome assegnato all'elemento.

Mat.corr.: materiale degli elementi correlati.

Desc.: descrizione o nome assegnato all'elemento.

I.	Area	Area 2	Area 3	In.2	In.3	In.tors.	E	G	α	P.unit.	S.fibre	Sez.corr. Desc.	Mat.corr. Desc.
1	0.09	0.075	0.075	0.000675	0.000675	9.99E-06	32588108	14812776	0.00001	2.25		R 30x30	C28/35
2	0.06	0.05	0.05	0.00045	0.0002	4.64E-06	32588108	14812776	0.00001	1.5		R 30x20	C28/35
3	0.0024	0.0012	0.0014	8.50E-07	9.25E-06	6.61E-08	2.10E08	80769231	0.000012	0.189		UPN160	S235

2.2.3 Definizioni aste

Indice: numero dell'elemento nell'insieme che lo contiene.

Nodo I: nodo iniziale.

Nodo J: nodo finale.

Nodo K: nodo che definisce l'asse locale 2.

Sezione: caratteristiche inerziali-meccaniche della sezione.

Indice: numero dell'elemento nell'insieme che lo contiene.

Indice	Nodo I	Nodo J	Nodo K	Sezione	Indice	Indice	Nodo I	Nodo J	Nodo K	Sezione	Indice	Indice	Nodo I	Nodo J	Nodo K	Sezione	Indice		
1	5753	6160	6754	1	2	5763	6168	6754	1	3	6160	6161	6755	2	4	6161	6162	6755	2
5	6162	6163	6755	2	6	6163	6164	6755	2	7	6164	6165	6755	2	8	6165	6166	6755	2
9	6166	6167	6755	2	10	6167	6168	6755	2	11	6426	5148	6755	3	12	6484	5149	6757	3
13	5148	5149	6755	3	14	5149	3893	6756	3	15	5148	3834	6755	3					

2.3 Gusci

2.3.1 Caratteristiche meccaniche gusci

Indice: numero dell'elemento nell'insieme che lo contiene.

Comportamento: comportamento del materiale.

E1: modulo di elasticità longitudinale, lungo l'asse 1 del sistema di riferimento locale. [kN/m²]

v: modulo di Poisson. Il valore è adimensionale.

E2: modulo di elasticità longitudinale, lungo l'asse 2 del sistema di riferimento locale. [kN/m²]

G: modulo di elasticità tangenziale. [kN/m²]

α : coefficiente di dilatazione termica longitudinale. [°C⁻¹]

Peso unitario: peso per unità di volume, riferito allo spessore membranale. [kN/m³]

Indice	Comportamento	E1	v	E2	G	α	Peso unitario
1	Isotropo	32588108	0.1	0	0	0.00001	25

2.3.2 Definizioni gusci

In.: numero dell'elemento nell'insieme che lo contiene.

Nodo I: primo nodo di definizione dell'elemento.

Nodo J: secondo nodo di definizione dell'elemento.

Nodo L: terzo nodo di definizione dell'elemento; nel caso di elementi triangolari non è definito.

Nodo K: ultimo nodo di definizione dell'elemento.

Sp.mem.: spessore membranale dell'elemento. [m]

Sp.fless.: spessore flessionale dell'elemento. [m]

Tm: variazione termica nel piano medio dell'elemento. [°C]

Mat.: caratteristiche meccaniche dell'elemento.

Ind.: numero dell'elemento nell'insieme che lo contiene.

In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.	In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.
								Ind.									Ind.
1	157	156	550	575	0.5	0.5	0	1	2	156	155	552	550	0.5	0.5	0	1
3	155	154	554	552	0.5	0.5	0	1	4	154	153	596	554	0.5	0.5	0	1
5	152	585	596	153	0.5	0.5	0	1	6	585	712	734	596	0.5	0.5	0	1
7	712	836	870	734	0.5	0.5	0	1	8	892	3258	870	836	0.5	0.5	0	1
9	3258	3289	3274	870	0.5	0.5	0	1	10	3289	3335	3341	3274	0.5	0.5	0	1
11	3335	3348	3467	3341	0.5	0.5	0	1	12	3348	3334	3342	3467	0.5	0.5	0	1
13	3334	3288	3290	3342	0.5	0.5	0	1	14	3288	3257	3256	3290	0.5	0.5	0	1
15	3257	892	880	3256	0.5	0.5	0	1	16	892	836	834	880	0.5	0.5	0	1
17	836	712	702	834	0.5	0.5	0	1	18	712	585	593	702	0.5	0.5	0	1
19	152	151	593	585	0.5	0.5	0	1	20	151	150	678	593	0.5	0.5	0	1
21	149	674	678	150	0.5	0.5	0	1	22	674	814	817	678	0.5	0.5	0	1
23	814	3259	3250	817	0.5	0.5	0	1	24	3259	3551	3500	3250	0.5	0.5	0	1
25	3551	4139	4135	3500	0.5	0.5	0	1	26	4139	4423	4421	4135	0.5	0.5	0	1
27	4423	4701	4697	4421	0.5	0.5	0	1	28	4701	4994	4986	4697	0.5	0.5	0	1
29	4994	5408	5378	4986	0.5	0.5	0	1	30	5408	5743	5575	5378	0.5	0.5	0	1
31	5743	5408	5375	5572	0.5	0.5	0	1	32	5408	4994	4992	5375	0.5	0.5	0	1
33	4994	4701	4705	4992	0.5	0.5	0	1	34	4701	4423	4427	4705	0.5	0.5	0	1
35	4423	4139	4144	4427	0.5	0.5	0	1	36	4139	3551	3556	4144	0.5	0.5	0	1
37	3551	3259	3265	3556	0.5	0.5	0	1	38	3259	814	820	3265	0.5	0.5	0	1
39	814	674	677	820	0.5	0.5	0	1	40	149	148	677	674	0.5	0.5	0	1
41	148	147	587	677	0.5	0.5	0	1	42	147	146	566	587	0.5	0.5	0	1
43	146	145	562	566	0.5	0.5	0	1	44	145	144	556	562	0.5	0.5	0	1
45	144	143	558	556	0.5	0.5	0	1	46	143	142	557	558	0.5	0.5	0	1
47	142	141	559	557	0.5	0.5	0	1	48	141	140	560	559	0.5	0.5	0	1
49	140	139	563	560	0.5	0.5	0	1	50	139	138	564	563	0.5	0.5	0	1
51	138	137	567	564	0.5	0.5	0	1	52	137	136	569	567	0.5	0.5	0	1
53	136	135	572	569	0.5	0.5	0	1	54	135	134	577	572	0.5	0.5	0	1
55	134	133	579	577	0.5	0.5	0	1	56	133	132	580	579	0.5	0.5	0	1
57	132	131	582	580	0.5	0.5	0	1	58	131	130	584	582	0.5	0.5	0	1
59	130	129	586	584	0.5	0.5	0	1	60	129	128	588	586	0.5	0.5	0	1
61	128	127	590	588	0.5	0.5	0	1	62	126	594	590	127	0.5	0.5	0	1
63	594	729	727	590	0.5	0.5	0	1	64	729	872	871	727	0.5	0.5	0	1
65	872	3326	3321	871	0.5	0.5	0	1	66	3326	3601	3600	3321	0.5	0.5	0	1
67	3601	4184	4183	3600	0.5	0.5	0	1	68	4184	4448	4451	4183	0.5	0.5	0	1
69	4448	4713	4721	4451	0.5	0.5	0	1	70	4713	4954	4991	4721	0.5	0.5	0	1
71	4954	5229	5250	4991	0.5	0.5	0	1	72	5229	5550	5664	5250	0.5	0.5	0	1
73	5550	5866	5995	5664	0.5	0.5	0	1	74	6072	6073	5995	5866	0.5	0.5	0	1
75	6073	6074	6013	5995	0.5	0.5	0	1	76	6074	6075	6022	6013	0.5	0.5	0	1
77	6075	6076	6026	6022	0.5	0.5	0	1	78	6076	6077	6039	6026	0.5	0.5	0	1
79	6077	6078	6045	6039	0.5	0.5	0	1	80	6078	6079	6050	6045	0.5	0.5	0	1
81	6079	6080	6054	6050	0.5	0.5	0	1	82	6080	6081	6055	6054	0.5	0.5	0	1
83	6081	6082	6056	6055	0.5	0.5	0	1	84	6082	6083	6048	6056	0.5	0.5	0	1
85	6083	6084	6041	6048	0.5	0.5	0	1	86	6084	6085	6038	6041	0.5	0.5	0	1
87	6085	6086	6044	6038	0.5	0.5	0	1	88	6086	6087	6051	6044	0.5	0.5	0	1
89	6087	6088	6049	6051	0.5	0.5	0	1	90	6088	6089	6042	6049	0.5	0.5	0	1
91	6089	6090	6043	6042	0.5	0.5	0	1	92	6090	6091	6040	6043	0.5	0.5	0	1
93	6091	6092	6023	6040	0.5	0.5	0	1	94	6092	6093	6014	6023	0.5	0.5	0	1
95	6093	6094	6001	6014	0.5	0.5	0	1	96	6094	6095	6057	6001	0.5	0.5	0	1
97	6095	6096	6003	6057	0.5	0.5	0	1	98	6096	6097	6011	6003	0.5	0.5	0	1
99	6097	6098	6015	6011	0.5	0.5	0	1	100	6098	6099	6010	6015	0.5	0.5	0	1
101	6099	6100	6007	6010	0.5	0.5	0	1	102	6100	6101	6006	6007	0.5	0.5	0	1
103	6101	6102	6012	6006	0.5	0.5	0	1	104	6102	6103	6024	6012	0.5	0.5	0	1
105	6104	6046	6024	6103	0.5	0.5	0	1	106	6046	5744	5715	6024	0.5	0.5	0	1
107	5744	5409	5380	5715	0.5	0.5	0	1	108	5409	4995	4984	5380	0.5	0.5	0	1
109	4995	4702	4699	4984	0.5	0.5	0	1	110	4702	4424	4422	4699	0.5	0.5	0	1
111	4424	4140	3762	4422	0.5	0.5	0	1	112	4140	3552	3487	3762	0.5	0.5	0	1
113	3260	3263	3487	3552	0.5	0.5	0	1	114	3263	3266	3317	3487	0.5	0.5	0	1
115	3266	3269	3323	3317	0.5	0.5	0	1	116	3269	3281	3331	3323	0.5	0.5	0	1
117	3281	3325	3343	3331	0.5	0.5	0	1	118	3325	3337	3449	3343	0.5	0.5	0	1

Vano di equalizzazione e sedimentazione meccanica

In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.	In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.
								Ind.									Ind.
119	3337	3324	3336	3449	0.5	0.5	0	1	120	3324	3280	3278	3336	0.5	0.5	0	1
121	3280	3254	886	3278	0.5	0.5	0	1	122	3254	893	865	886	0.5	0.5	0	1
123	893	3255	877	865	0.5	0.5	0	1	124	3281	3269	877	3255	0.5	0.5	0	1
125	3269	3266	874	877	0.5	0.5	0	1	126	3266	3263	824	874	0.5	0.5	0	1
127	3260	815	824	3263	0.5	0.5	0	1	128	815	675	676	824	0.5	0.5	0	1
129	159	158	676	675	0.5	0.5	0	1	130	158	157	575	676	0.5	0.5	0	1
131	4154	4429	4422	3762	0.5	0.5	0	1	132	3566	3709	3613	3567	0.5	0.5	0	1
133	3762	3487	3567	3613	0.5	0.5	0	1	134	3709	4154	3762	3613	0.5	0.5	0	1
135	3487	3484	3566	3567	0.5	0.5	0	1	136	3487	3317	3323	3484	0.5	0.5	0	1
137	825	834	702	709	0.5	0.5	0	1	138	702	593	678	709	0.5	0.5	0	1
139	678	817	825	709	0.5	0.5	0	1	140	4145	4135	4421	4420	0.5	0.5	0	1
141	4420	4405	4146	4145	0.5	0.5	0	1	142	825	817	3250	3241	0.5	0.5	0	1
143	3261	3256	880	834	0.5	0.5	0	1	144	834	825	3241	3261	0.5	0.5	0	1
145	3500	4135	4145	3557	0.5	0.5	0	1	146	3319	3261	3241	3309	0.5	0.5	0	1
147	3241	3250	3500	3309	0.5	0.5	0	1	148	3500	3557	3319	3309	0.5	0.5	0	1
149	3290	3256	3261	3283	0.5	0.5	0	1	150	3261	3319	3314	3283	0.5	0.5	0	1
151	3314	3342	3290	3283	0.5	0.5	0	1	152	3557	4145	4146	3574	0.5	0.5	0	1
153	3342	3314	3319	3557	0.5	0.5	0	1	154	3557	3574	3467	3342	0.5	0.5	0	1
155	821	816	865	877	0.5	0.5	0	1	156	877	874	824	821	0.5	0.5	0	1
157	821	824	676	700	0.5	0.5	0	1	158	676	575	689	700	0.5	0.5	0	1
159	689	816	821	700	0.5	0.5	0	1	160	850	886	865	837	0.5	0.5	0	1
161	865	816	818	837	0.5	0.5	0	1	162	818	819	850	837	0.5	0.5	0	1
163	689	575	550	683	0.5	0.5	0	1	164	818	816	689	728	0.5	0.5	0	1
165	689	683	723	728	0.5	0.5	0	1	166	723	819	818	728	0.5	0.5	0	1
167	4143	4425	4429	4154	0.5	0.5	0	1	168	3709	3566	3570	3706	0.5	0.5	0	1
169	3570	3565	4143	3706	0.5	0.5	0	1	170	4143	4154	3709	3706	0.5	0.5	0	1
171	3484	3323	3331	3506	0.5	0.5	0	1	172	3506	3570	3566	3484	0.5	0.5	0	1
173	3343	3449	3565	3538	0.5	0.5	0	1	174	3565	3570	3506	3538	0.5	0.5	0	1
175	3506	3331	3343	3538	0.5	0.5	0	1	176	683	550	552	681	0.5	0.5	0	1
177	681	741	723	683	0.5	0.5	0	1	178	680	554	596	684	0.5	0.5	0	1
179	596	734	735	684	0.5	0.5	0	1	180	735	738	680	684	0.5	0.5	0	1
181	681	552	554	680	0.5	0.5	0	1	182	680	738	741	681	0.5	0.5	0	1
183	4138	4146	4405	4282	0.5	0.5	0	1	184	4405	4446	4292	4282	0.5	0.5	0	1
185	4292	3771	4138	4282	0.5	0.5	0	1	186	4293	3775	3771	4292	0.5	0.5	0	1
187	4292	4446	4450	4293	0.5	0.5	0	1	188	4412	4425	4143	4150	0.5	0.5	0	1
189	4141	3775	4293	4287	0.5	0.5	0	1	190	4293	4450	4412	4287	0.5	0.5	0	1
191	4412	4150	4141	4287	0.5	0.5	0	1	192	3574	4146	4138	3599	0.5	0.5	0	1
193	3599	4138	3771	3581	0.5	0.5	0	1	194	3581	3771	3775	3592	0.5	0.5	0	1
195	3555	3340	3341	3550	0.5	0.5	0	1	196	3341	3467	3574	3550	0.5	0.5	0	1
197	3574	3599	3555	3550	0.5	0.5	0	1	198	3581	3592	3347	3443	0.5	0.5	0	1
199	3555	3599	3581	3554	0.5	0.5	0	1	200	3581	3443	3344	3554	0.5	0.5	0	1
201	3344	3340	3555	3554	0.5	0.5	0	1	202	847	738	735	830	0.5	0.5	0	1
203	3285	3344	3443	3301	0.5	0.5	0	1	204	3443	3347	3267	3301	0.5	0.5	0	1
205	3267	891	3285	3301	0.5	0.5	0	1	206	3267	847	830	891	0.5	0.5	0	1
207	3340	3344	3285	3276	0.5	0.5	0	1	208	3276	3274	3341	3340	0.5	0.5	0	1
209	881	891	830	828	0.5	0.5	0	1	210	830	735	734	828	0.5	0.5	0	1
211	734	870	881	828	0.5	0.5	0	1	212	3276	3285	891	881	0.5	0.5	0	1
213	881	870	3274	3276	0.5	0.5	0	1	214	741	738	847	859	0.5	0.5	0	1
215	854	850	819	822	0.5	0.5	0	1	216	819	723	741	822	0.5	0.5	0	1
217	741	859	854	822	0.5	0.5	0	1	218	889	3275	3278	886	0.5	0.5	0	1
219	886	850	854	889	0.5	0.5	0	1	220	859	847	3267	3264	0.5	0.5	0	1
221	3271	3275	889	888	0.5	0.5	0	1	222	889	854	859	888	0.5	0.5	0	1
223	859	3264	3271	888	0.5	0.5	0	1	224	3336	3278	3275	3330	0.5	0.5	0	1
225	3604	4150	4143	3565	0.5	0.5	0	1	226	3544	3604	3565	3537	0.5	0.5	0	1
227	3565	3449	3336	3537	0.5	0.5	0	1	228	3336	3330	3544	3537	0.5	0.5	0	1
229	4141	4150	3604	3603	0.5	0.5	0	1	230	3603	3592	3775	4141	0.5	0.5	0	1
231	3603	3604	3544	3505	0.5	0.5	0	1	232	3505	3347	3592	3603	0.5	0.5	0	1
233	3264	3267	3347	3307	0.5	0.5	0	1	234	3347	3505	3322	3307	0.5	0.5	0	1
235	3322	3271	3264	3307	0.5	0.5	0	1	236	3330	3275	3271	3322	0.5	0.5	0	1
237	3322	3505	3544	3330	0.5	0.5	0	1	238	6003	6011	5710	5694	0.5	0.5	0	1
239	6011	6015	5708	5710	0.5	0.5	0	1	240	6015	6010	5701	5708	0.5	0.5	0	1
241	6010	6007	5696	5701	0.5	0.5	0	1	242	6007	6006	5693	5696	0.5	0.5	0	1
243	6006	6012	5700	5693	0.5	0.5	0	1	244	6012	6024	5715	5700	0.5	0.5	0	1
245	5694	5710	5379	5377	0.5	0.5	0	1	246	5710	5708	5376	5379	0.5	0.5	0	1
247	5708	5701	5369	5376	0.5	0.5	0	1	248	5701	5696	5345	5369	0.5	0.5	0	1
249	5696	5693	5259	5345	0.5	0.5	0	1	250	5693	5700	5366	5259	0.5	0.5	0	1
251	5700	5715	5380	5366	0.5	0.5	0	1	252	5377	5379	4978	4976	0.5	0.5	0	1
253	5379	5376	4997	4978	0.5	0.5	0	1	254	5376	5369	5002	4997	0.5	0.5	0	1
255	5369	5345	4977	5002	0.5	0.5	0	1	256	5345	5259	4970	4977	0.5	0.5	0	1
257	5259	5366	4979	4970	0.5	0.5	0	1	258	5366	5380	4984	4979	0.5	0.5	0	1
259	4976	4978	4698	4695	0.5	0.5	0	1	260	4978	4997	4710	4698	0.5	0.5	0	1
261	4997	5002	4712	4710	0.5	0.5	0	1	262	5002	4977	4704	4712	0.5	0.5	0	1
263	4977	4970	4703	4704	0.5	0.5	0	1	264	4970	4979	4706	4703	0.5	0.5	0	1
265	4979	4984	4699	4706	0.5	0.5	0	1	266	4695	4698	4405	4420	0.5	0.5	0	1
267	4698	4710	4446	4405	0.5	0.5	0	1	268	4710	4712	4450	4446	0.5	0.5	0	1
269	4712	4704	4412	4450	0.5	0.5	0	1	270	4704	4703	4425	4412	0.5	0.5	0	1
271	4703	4706	4429	4425	0.5	0.5	0	1	272	4706	4699	4422	4429	0.5	0.5	0	1
273	4695	4420	4421	4697	0.5	0.5	0	1	274	4697	4986	4976	4695	0.5	0.5	0	1
275	5807	6057	6003	5769	0.5	0.5	0	1	276	6003	5694	5575	5769	0.5	0.5	0	1
277	5575	5743	5807	5769	0.5	0.5	0	1	278	5377	4976	4986	5378	0.5	0.5	0	1
279	5378	5575	5694	5377	0.5	0.5	0	1	280	567	569	704	701	0.5	0.5	0	1
281	569	572	706	704	0.5	0.5	0	1	282	572	577	711	706	0.5	0.5	0	1
283	577	579	714	711	0.5	0.5</											

In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.	In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.
								Ind.									Ind.
313	3304	3305	3588	3587	0.5	0.5	0	1	314	3305	3308	3590	3588	0.5	0.5	0	1
315	3308	3311	3591	3590	0.5	0.5	0	1	316	3311	3312	3594	3591	0.5	0.5	0	1
317	3312	3315	3596	3594	0.5	0.5	0	1	318	3315	3318	3597	3596	0.5	0.5	0	1
319	3318	3321	3600	3597	0.5	0.5	0	1	320	3582	3583	4171	4169	0.5	0.5	0	1
321	3583	3585	4172	4171	0.5	0.5	0	1	322	3585	3587	4174	4172	0.5	0.5	0	1
323	3587	3588	4175	4174	0.5	0.5	0	1	324	3588	3590	4176	4175	0.5	0.5	0	1
325	3590	3591	4178	4176	0.5	0.5	0	1	326	3591	3594	4179	4178	0.5	0.5	0	1
327	3594	3596	4181	4179	0.5	0.5	0	1	328	3596	3597	4182	4181	0.5	0.5	0	1
329	3597	3600	4183	4182	0.5	0.5	0	1	330	4169	4171	4465	4467	0.5	0.5	0	1
331	4171	4172	4464	4465	0.5	0.5	0	1	332	4172	4174	4462	4464	0.5	0.5	0	1
333	4174	4175	4461	4462	0.5	0.5	0	1	334	4175	4176	4460	4461	0.5	0.5	0	1
335	4176	4178	4458	4460	0.5	0.5	0	1	336	4178	4179	4455	4458	0.5	0.5	0	1
337	4179	4181	4454	4455	0.5	0.5	0	1	338	4181	4182	4452	4454	0.5	0.5	0	1
339	4182	4183	4451	4452	0.5	0.5	0	1	340	4467	4465	4831	4837	0.5	0.5	0	1
341	4465	4464	4824	4831	0.5	0.5	0	1	342	4464	4462	4744	4824	0.5	0.5	0	1
343	4462	4461	4743	4744	0.5	0.5	0	1	344	4461	4460	4741	4743	0.5	0.5	0	1
345	4460	4458	4738	4741	0.5	0.5	0	1	346	4458	4455	4737	4738	0.5	0.5	0	1
347	4455	4454	4733	4737	0.5	0.5	0	1	348	4454	4452	4728	4733	0.5	0.5	0	1
349	4452	4451	4721	4728	0.5	0.5	0	1	350	4837	4831	5134	5135	0.5	0.5	0	1
351	4831	4824	5130	5134	0.5	0.5	0	1	352	4824	4744	5129	5130	0.5	0.5	0	1
353	4744	4743	5127	5129	0.5	0.5	0	1	354	4743	4741	5124	5127	0.5	0.5	0	1
355	4741	4738	5123	5124	0.5	0.5	0	1	356	4738	4737	5103	5123	0.5	0.5	0	1
357	4737	4733	5013	5103	0.5	0.5	0	1	358	4733	4728	5004	5013	0.5	0.5	0	1
359	4728	4721	4991	5004	0.5	0.5	0	1	360	5135	5134	5419	5422	0.5	0.5	0	1
361	5134	5130	5417	5419	0.5	0.5	0	1	362	5130	5129	5414	5417	0.5	0.5	0	1
363	5129	5127	5410	5414	0.5	0.5	0	1	364	5127	5124	5402	5410	0.5	0.5	0	1
365	5124	5123	5384	5402	0.5	0.5	0	1	366	5123	5103	5382	5384	0.5	0.5	0	1
367	5103	5013	5372	5382	0.5	0.5	0	1	368	5013	5004	5343	5372	0.5	0.5	0	1
369	5004	4991	5250	5343	0.5	0.5	0	1	370	5422	5419	5723	5722	0.5	0.5	0	1
371	5419	5417	5719	5723	0.5	0.5	0	1	372	5417	5414	5716	5719	0.5	0.5	0	1
373	5414	5410	5714	5716	0.5	0.5	0	1	374	5410	5402	5711	5714	0.5	0.5	0	1
375	5402	5384	5707	5711	0.5	0.5	0	1	376	5384	5382	5702	5707	0.5	0.5	0	1
377	5382	5372	5697	5702	0.5	0.5	0	1	378	5372	5343	5689	5697	0.5	0.5	0	1
379	5343	5250	5664	5689	0.5	0.5	0	1	380	5722	5723	6056	6048	0.5	0.5	0	1
381	5723	5719	6055	6056	0.5	0.5	0	1	382	5719	5716	6054	6055	0.5	0.5	0	1
383	5716	5714	6050	6054	0.5	0.5	0	1	384	5714	5711	6045	6050	0.5	0.5	0	1
385	5711	5707	6039	6045	0.5	0.5	0	1	386	5707	5702	6026	6039	0.5	0.5	0	1
387	5702	5697	6022	6026	0.5	0.5	0	1	388	5697	5689	6013	6022	0.5	0.5	0	1
389	5689	5664	5995	6013	0.5	0.5	0	1	390	557	559	692	693	0.5	0.5	0	1
391	559	560	694	692	0.5	0.5	0	1	392	560	563	696	694	0.5	0.5	0	1
393	563	564	698	696	0.5	0.5	0	1	394	564	567	701	698	0.5	0.5	0	1
395	693	692	840	841	0.5	0.5	0	1	396	692	694	842	840	0.5	0.5	0	1
397	694	696	843	842	0.5	0.5	0	1	398	696	698	844	843	0.5	0.5	0	1
399	698	701	846	844	0.5	0.5	0	1	400	841	840	3292	3291	0.5	0.5	0	1
401	840	842	3293	3292	0.5	0.5	0	1	402	842	843	3295	3293	0.5	0.5	0	1
403	843	844	3296	3295	0.5	0.5	0	1	404	844	846	3298	3296	0.5	0.5	0	1
405	3291	3292	3576	3573	0.5	0.5	0	1	406	3292	3293	3577	3576	0.5	0.5	0	1
407	3293	3295	3578	3577	0.5	0.5	0	1	408	3295	3296	3579	3578	0.5	0.5	0	1
409	3296	3298	3582	3579	0.5	0.5	0	1	410	3573	3576	4165	4163	0.5	0.5	0	1
411	3576	3577	4166	4165	0.5	0.5	0	1	412	3577	3578	4168	4166	0.5	0.5	0	1
413	3578	3579	4170	4168	0.5	0.5	0	1	414	3579	3582	4169	4170	0.5	0.5	0	1
415	4163	4165	4463	4459	0.5	0.5	0	1	416	4165	4166	4466	4463	0.5	0.5	0	1
417	4166	4168	4468	4466	0.5	0.5	0	1	418	4168	4170	4471	4468	0.5	0.5	0	1
419	4170	4169	4467	4471	0.5	0.5	0	1	420	4459	4463	4842	4832	0.5	0.5	0	1
421	4463	4466	4845	4842	0.5	0.5	0	1	422	4466	4468	4838	4845	0.5	0.5	0	1
423	4468	4471	4841	4838	0.5	0.5	0	1	424	4471	4467	4837	4841	0.5	0.5	0	1
425	4832	4842	5143	5142	0.5	0.5	0	1	426	4842	4845	5140	5143	0.5	0.5	0	1
427	4845	4838	5141	5140	0.5	0.5	0	1	428	4838	4841	5137	5141	0.5	0.5	0	1
429	4841	4837	5135	5137	0.5	0.5	0	1	430	5142	5143	5428	5429	0.5	0.5	0	1
431	5143	5140	5426	5428	0.5	0.5	0	1	432	5140	5141	5427	5426	0.5	0.5	0	1
433	5141	5137	5424	5427	0.5	0.5	0	1	434	5137	5135	5422	5424	0.5	0.5	0	1
435	5429	5428	5742	5741	0.5	0.5	0	1	436	5428	5426	5740	5742	0.5	0.5	0	1
437	5426	5427	5726	5740	0.5	0.5	0	1	438	5427	5424	5724	5726	0.5	0.5	0	1
439	5424	5422	5722	5724	0.5	0.5	0	1	440	5741	5742	6051	6049	0.5	0.5	0	1
441	5742	5740	6044	6051	0.5	0.5	0	1	442	5740	5726	6038	6044	0.5	0.5	0	1
443	5726	5724	6041	6038	0.5	0.5	0	1	444	5724	5722	6048	6041	0.5	0.5	0	1
445	556	558	691	687	0.5	0.5	0	1	446	558	557	693	691	0.5	0.5	0	1
447	687	691	838	835	0.5	0.5	0	1	448	691	693	841	838	0.5	0.5	0	1
449	835	838	3287	3284	0.5	0.5	0	1	450	838	841	3291	3287	0.5	0.5	0	1
451	3284	3287	3572	3569	0.5	0.5	0	1	452	3287	3291	3573	3572	0.5	0.5	0	1
453	3569	3572	4161	4158	0.5	0.5	0	1	454	3572	3573	4163	4161	0.5	0.5	0	1
455	4158	4161	4453	4441	0.5	0.5	0	1	456	4161	4163	4459	4453	0.5	0.5	0	1
457	3569	4158	4155	3564	0.5	0.5	0	1	458	4158	4441	4435	4155	0.5	0.5	0	1
459	3564	4155	4152	3562	0.5	0.5	0	1	460	4155	4435	4433	4152	0.5	0.5	0	1
461	3562	4152	4149	3560	0.5	0.5	0	1	462	4152	4433	4431	4149	0.5	0.5	0	1
463	3560	4149	4147	3558	0.5	0.5	0	1	464	4149	4431	4428	4147	0.5	0.5	0	1
465	3558	4147	4144	3556	0.5	0.5	0	1	466	4147	4428	4427	4144	0.5	0.5	0	1
467	562	556	687	688	0.5	0.5	0	1	468	688	687	835	833	0.5	0.5	0	1
469	833	835	3284	3282	0.5	0.5	0	1	470	3282	3284	3569	3564	0.5	0.5	0	1
471	688	833	831	690	0.5	0.5	0	1	472	690	566	562	688	0.5	0.5	0	1
473	697	829	826	707	0.5	0.5	0	1	474	826	820	677	707	0.5	0.5	0	1
475	677	587	697	707	0.5	0.5	0	1	476	690	831	829	697	0.5			

Vano di equalizzazione e sedimentazione meccanica

In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.	In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.
								Ind.									Ind.
507	5118	4722	4734	5128	0.5	0.5	0	1	508	4722	4433	4435	4734	0.5	0.5	0	1
509	5118	5128	5418	5413	0.5	0.5	0	1	510	5413	5418	5725	5720	0.5	0.5	0	1
511	5720	5725	6040	6023	0.5	0.5	0	1	512	5709	5720	6023	6014	0.5	0.5	0	1
513	5807	5743	5572	5770	0.5	0.5	0	1	514	5572	5695	6001	5770	0.5	0.5	0	1
515	6001	6057	5807	5770	0.5	0.5	0	1	516	5695	5709	6014	6001	0.5	0.5	0	1
517	5572	5375	5371	5695	0.5	0.5	0	1	518	5375	4992	5003	5371	0.5	0.5	0	1
519	5695	5371	5383	5709	0.5	0.5	0	1	520	5371	5003	5014	5383	0.5	0.5	0	1
521	5709	5383	5413	5720	0.5	0.5	0	1	522	5383	5014	5118	5413	0.5	0.5	0	1
523	180	179	583	589	0.5	0.5	0	1	524	179	178	581	583	0.5	0.5	0	1
525	178	177	578	581	0.5	0.5	0	1	526	177	176	576	578	0.5	0.5	0	1
527	176	175	573	576	0.5	0.5	0	1	528	175	174	574	573	0.5	0.5	0	1
529	174	173	571	574	0.5	0.5	0	1	530	173	172	570	571	0.5	0.5	0	1
531	172	171	565	570	0.5	0.5	0	1	532	171	170	561	565	0.5	0.5	0	1
533	170	169	555	561	0.5	0.5	0	1	534	169	168	553	555	0.5	0.5	0	1
535	168	167	551	553	0.5	0.5	0	1	536	167	166	549	551	0.5	0.5	0	1
537	166	165	568	549	0.5	0.5	0	1	538	165	164	592	568	0.5	0.5	0	1
539	164	163	601	592	0.5	0.5	0	1	540	163	162	604	601	0.5	0.5	0	1
541	162	161	607	604	0.5	0.5	0	1	542	161	160	669	607	0.5	0.5	0	1
543	159	675	669	160	0.5	0.5	0	1	544	675	815	811	669	0.5	0.5	0	1
545	815	3260	3251	811	0.5	0.5	0	1	546	3260	3552	3547	3251	0.5	0.5	0	1
547	3552	4140	4134	3547	0.5	0.5	0	1	548	4140	4424	4419	4134	0.5	0.5	0	1
549	4424	4702	4700	4419	0.5	0.5	0	1	550	4702	4995	4996	4700	0.5	0.5	0	1
551	4995	5409	5405	4996	0.5	0.5	0	1	552	5409	5744	5721	5405	0.5	0.5	0	1
553	5744	6046	6025	5721	0.5	0.5	0	1	554	6104	6105	6025	6046	0.5	0.5	0	1
555	6105	6106	6018	6025	0.5	0.5	0	1	556	6106	6107	6000	6018	0.5	0.5	0	1
557	6107	6108	5987	6000	0.5	0.5	0	1	558	6108	6109	5980	5987	0.5	0.5	0	1
559	6109	6110	5982	5980	0.5	0.5	0	1	560	6110	6111	5970	5982	0.5	0.5	0	1
561	6111	6112	5986	5970	0.5	0.5	0	1	562	6112	6113	5985	5986	0.5	0.5	0	1
563	6113	6114	5993	5985	0.5	0.5	0	1	564	6114	6115	5999	5993	0.5	0.5	0	1
565	6115	6116	6005	5999	0.5	0.5	0	1	566	6116	6117	6002	6005	0.5	0.5	0	1
567	6117	6118	5996	6002	0.5	0.5	0	1	568	6118	6119	5994	5996	0.5	0.5	0	1
569	6119	6120	5989	5994	0.5	0.5	0	1	570	6120	6121	5991	5989	0.5	0.5	0	1
571	6121	6122	5992	5991	0.5	0.5	0	1	572	6122	6123	5988	5992	0.5	0.5	0	1
573	6123	6124	5979	5988	0.5	0.5	0	1	574	6124	6125	5875	5979	0.5	0.5	0	1
575	6126	5867	5875	6125	0.5	0.5	0	1	576	5867	5551	5560	5875	0.5	0.5	0	1
577	5551	5230	5238	5560	0.5	0.5	0	1	578	5230	4955	4971	5238	0.5	0.5	0	1
579	4955	4714	4716	4971	0.5	0.5	0	1	580	4714	4449	4447	4716	0.5	0.5	0	1
581	4449	4185	4180	4447	0.5	0.5	0	1	582	4185	3602	3598	4180	0.5	0.5	0	1
583	3602	3327	3320	3598	0.5	0.5	0	1	584	3327	873	869	3320	0.5	0.5	0	1
585	873	730	726	869	0.5	0.5	0	1	586	730	595	591	726	0.5	0.5	0	1
587	182	181	591	595	0.5	0.5	0	1	588	181	180	589	591	0.5	0.5	0	1
589	5999	6005	5691	5684	0.5	0.5	0	1	590	6005	6002	5690	5691	0.5	0.5	0	1
591	6002	5996	5688	5690	0.5	0.5	0	1	592	5996	5994	5683	5688	0.5	0.5	0	1
593	5994	5989	5681	5683	0.5	0.5	0	1	594	5989	5991	5682	5681	0.5	0.5	0	1
595	5991	5992	5680	5682	0.5	0.5	0	1	596	5992	5988	5677	5680	0.5	0.5	0	1
597	5988	5979	5574	5677	0.5	0.5	0	1	598	5979	5875	5560	5574	0.5	0.5	0	1
599	5684	5691	5367	5258	0.5	0.5	0	1	600	5691	5690	5370	5367	0.5	0.5	0	1
601	5690	5688	5368	5370	0.5	0.5	0	1	602	5688	5683	5359	5368	0.5	0.5	0	1
603	5683	5681	5344	5359	0.5	0.5	0	1	604	5681	5682	5352	5344	0.5	0.5	0	1
605	5682	5680	5336	5352	0.5	0.5	0	1	606	5680	5677	5254	5336	0.5	0.5	0	1
607	5677	5574	5245	5254	0.5	0.5	0	1	608	5574	5560	5238	5245	0.5	0.5	0	1
609	5258	5367	5006	4998	0.5	0.5	0	1	610	5367	5370	5012	5006	0.5	0.5	0	1
611	5370	5368	5011	5012	0.5	0.5	0	1	612	5368	5359	5010	5011	0.5	0.5	0	1
613	5359	5344	5007	5010	0.5	0.5	0	1	614	5344	5352	5005	5007	0.5	0.5	0	1
615	5352	5336	4999	5005	0.5	0.5	0	1	616	5336	5254	4993	4999	0.5	0.5	0	1
617	5254	5245	4985	4993	0.5	0.5	0	1	618	5245	5238	4971	4985	0.5	0.5	0	1
619	4998	5006	4725	4715	0.5	0.5	0	1	620	5006	5012	4729	4725	0.5	0.5	0	1
621	5012	5011	4726	4729	0.5	0.5	0	1	622	5011	5010	4732	4726	0.5	0.5	0	1
623	5010	5007	4727	4732	0.5	0.5	0	1	624	5007	5005	4724	4727	0.5	0.5	0	1
625	5005	4999	4723	4724	0.5	0.5	0	1	626	4999	4993	4718	4723	0.5	0.5	0	1
627	4993	4985	4717	4718	0.5	0.5	0	1	628	4985	4971	4716	4717	0.5	0.5	0	1
629	4715	4725	4436	4434	0.5	0.5	0	1	630	4725	4729	4437	4436	0.5	0.5	0	1
631	4729	4726	4438	4437	0.5	0.5	0	1	632	4726	4732	4439	4438	0.5	0.5	0	1
633	4732	4727	4440	4439	0.5	0.5	0	1	634	4727	4724	4445	4440	0.5	0.5	0	1
635	4724	4723	4443	4445	0.5	0.5	0	1	636	4723	4718	4442	4443	0.5	0.5	0	1
637	4718	4717	4444	4442	0.5	0.5	0	1	638	4717	4716	4447	4444	0.5	0.5	0	1
639	4434	4436	4156	4153	0.5	0.5	0	1	640	4436	4437	4157	4156	0.5	0.5	0	1
641	4437	4438	4159	4157	0.5	0.5	0	1	642	4438	4439	4160	4159	0.5	0.5	0	1
643	4439	4440	4162	4160	0.5	0.5	0	1	644	4440	4445	4164	4162	0.5	0.5	0	1
645	4445	4443	4167	4164	0.5	0.5	0	1	646	4443	4442	4173	4167	0.5	0.5	0	1
647	4442	4444	4177	4173	0.5	0.5	0	1	648	4444	4447	4180	4177	0.5	0.5	0	1
649	4153	4156	3568	3563	0.5	0.5	0	1	650	4156	4157	3571	3568	0.5	0.5	0	1
651	4157	4159	3575	3571	0.5	0.5	0	1	652	4159	4160	3580	3575	0.5	0.5	0	1
653	4160	4162	3584	3580	0.5	0.5	0	1	654	4162	4164	3586	3584	0.5	0.5	0	1
655	4164	4167	3589	3586	0.5	0.5	0	1	656	4167	4173	3593	3589	0.5	0.5	0	1
657	4173	4177	3595	3593	0.5	0.5	0	1	658	4177	4180	3598	3595	0.5	0.5	0	1
659	3563	3568	3286	3279	0.5	0.5	0	1	660	3568	3571	3294	3286	0.5	0.5	0	1
661	3571	3575	3297	3294	0.5	0.5	0	1	662	3575	3580	3300	3297	0.5	0.5	0	1
663	3580	3584	3303	3300	0.5	0.5	0	1	664	3584	3586	3306	3303	0.5	0.5	0	1
665	3586	3589	3310	3306	0.5	0.5	0	1	666	3589	3593	3313	3310	0.5	0.5	0	1
667	3593	3595	3316	3313	0.5	0.5	0	1	668	3595	3598	3320	3316	0.5	0.5	0	1
669	3279	3286	845	839	0.5	0.5	0	1	670	3286	3294	848	845	0.5	0		

In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.	In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.
								Ind.									Ind.
701	4996	5405	5381	4983	0.5	0.5	0	1	702	5405	5721	5703	5381	0.5	0.5	0	1
703	5721	6025	6018	5703	0.5	0.5	0	1	704	4415	4692	4689	4411	0.5	0.5	0	1
705	4692	4983	4967	4689	0.5	0.5	0	1	706	4983	5381	5346	4967	0.5	0.5	0	1
707	5381	5703	5692	5346	0.5	0.5	0	1	708	5703	6018	6000	5692	0.5	0.5	0	1
709	4411	4689	4685	4407	0.5	0.5	0	1	710	4689	4967	4952	4685	0.5	0.5	0	1
711	4967	5346	5251	4952	0.5	0.5	0	1	712	5346	5692	5678	5251	0.5	0.5	0	1
713	5692	6000	5987	5678	0.5	0.5	0	1	714	4407	4685	4681	4406	0.5	0.5	0	1
715	4685	4952	4950	4681	0.5	0.5	0	1	716	4952	5251	5239	4950	0.5	0.5	0	1
717	5251	5678	5573	5239	0.5	0.5	0	1	718	5678	5987	5980	5573	0.5	0.5	0	1
719	4406	4681	4682	4410	0.5	0.5	0	1	720	4681	4950	4947	4682	0.5	0.5	0	1
721	4950	5239	5232	4947	0.5	0.5	0	1	722	5239	5573	5569	5232	0.5	0.5	0	1
723	5573	5980	5982	5569	0.5	0.5	0	1	724	4410	4682	4688	4416	0.5	0.5	0	1
725	4682	4947	4948	4688	0.5	0.5	0	1	726	4947	5232	5233	4948	0.5	0.5	0	1
727	5232	5569	5565	5233	0.5	0.5	0	1	728	5569	5982	5970	5565	0.5	0.5	0	1
729	4416	4688	4696	4426	0.5	0.5	0	1	730	4688	4948	4951	4696	0.5	0.5	0	1
731	4948	5233	5242	4951	0.5	0.5	0	1	732	5233	5565	5578	5242	0.5	0.5	0	1
733	5565	5970	5986	5578	0.5	0.5	0	1	734	4426	4696	4707	4430	0.5	0.5	0	1
735	4696	4951	4953	4707	0.5	0.5	0	1	736	4951	5242	5244	4953	0.5	0.5	0	1
737	5242	5578	5674	5244	0.5	0.5	0	1	738	5578	5986	5985	5674	0.5	0.5	0	1
739	4430	4707	4709	4432	0.5	0.5	0	1	740	4707	4953	4982	4709	0.5	0.5	0	1
741	4953	5244	5255	4982	0.5	0.5	0	1	742	5244	5674	5679	5255	0.5	0.5	0	1
743	5674	5985	5993	5679	0.5	0.5	0	1	744	4432	4709	4715	4434	0.5	0.5	0	1
745	4709	4982	4998	4715	0.5	0.5	0	1	746	4982	5255	5258	4998	0.5	0.5	0	1
747	5255	5679	5684	5258	0.5	0.5	0	1	748	5679	5993	5999	5684	0.5	0.5	0	1
749	568	592	733	717	0.5	0.5	0	1	750	592	601	742	733	0.5	0.5	0	1
751	601	604	745	742	0.5	0.5	0	1	752	604	607	805	745	0.5	0.5	0	1
753	607	669	811	805	0.5	0.5	0	1	754	717	733	890	887	0.5	0.5	0	1
755	733	742	3239	890	0.5	0.5	0	1	756	742	745	3242	3239	0.5	0.5	0	1
757	745	805	3245	3242	0.5	0.5	0	1	758	805	811	3251	3245	0.5	0.5	0	1
759	887	890	3501	3502	0.5	0.5	0	1	760	890	3239	3507	3501	0.5	0.5	0	1
761	3239	3242	3539	3507	0.5	0.5	0	1	762	3242	3245	3543	3539	0.5	0.5	0	1
763	3245	3251	3547	3543	0.5	0.5	0	1	764	3502	3501	3765	3767	0.5	0.5	0	1
765	3501	3507	3766	3765	0.5	0.5	0	1	766	3507	3539	3770	3766	0.5	0.5	0	1
767	3539	3543	3772	3770	0.5	0.5	0	1	768	3543	3547	4134	3772	0.5	0.5	0	1
769	3767	3765	4406	4410	0.5	0.5	0	1	770	3765	3766	4407	4406	0.5	0.5	0	1
771	3766	3770	4411	4407	0.5	0.5	0	1	772	3770	3772	4415	4411	0.5	0.5	0	1
773	3772	4134	4419	4415	0.5	0.5	0	1	774	3502	3767	3776	3540	0.5	0.5	0	1
775	3767	4410	4416	3776	0.5	0.5	0	1	776	3540	3776	4142	3553	0.5	0.5	0	1
777	3776	4416	4426	4142	0.5	0.5	0	1	778	3553	4142	4148	3559	0.5	0.5	0	1
779	4142	4426	4430	4148	0.5	0.5	0	1	780	3559	4148	4151	3561	0.5	0.5	0	1
781	4148	4430	4432	4151	0.5	0.5	0	1	782	3561	4151	4153	3563	0.5	0.5	0	1
783	4151	4432	4434	4153	0.5	0.5	0	1	784	3559	3561	3273	3268	0.5	0.5	0	1
785	3561	3563	3279	3273	0.5	0.5	0	1	786	3268	3273	832	827	0.5	0.5	0	1
787	3273	3279	839	832	0.5	0.5	0	1	788	827	832	695	686	0.5	0.5	0	1
789	832	839	699	695	0.5	0.5	0	1	790	686	695	561	555	0.5	0.5	0	1
791	695	699	565	561	0.5	0.5	0	1	792	887	3502	3540	3240	0.5	0.5	0	1
793	3240	3540	3553	3262	0.5	0.5	0	1	794	3262	3553	3559	3268	0.5	0.5	0	1
795	3262	3268	827	823	0.5	0.5	0	1	796	823	827	686	685	0.5	0.5	0	1
797	685	686	555	553	0.5	0.5	0	1	798	3240	3262	823	806	0.5	0.5	0	1
799	806	717	887	3240	0.5	0.5	0	1	800	549	568	717	679	0.5	0.5	0	1
801	717	806	682	679	0.5	0.5	0	1	802	682	551	549	679	0.5	0.5	0	1
803	685	553	551	682	0.5	0.5	0	1	804	682	806	823	685	0.5	0.5	0	1
805	3093	3421	3419	3032	0.5	0.5	0	1	806	3032	3419	3417	2971	0.5	0.5	0	1
807	2971	3417	3415	2910	0.5	0.5	0	1	808	2910	3415	3413	2849	0.5	0.5	0	1
809	2849	3413	3411	2788	0.5	0.5	0	1	810	2788	3411	3409	2727	0.5	0.5	0	1
811	2727	3409	3407	2666	0.5	0.5	0	1	812	2666	3407	3405	2605	0.5	0.5	0	1
813	2605	3405	3403	2544	0.5	0.5	0	1	814	2544	3403	3401	2483	0.5	0.5	0	1
815	2483	3401	3399	2422	0.5	0.5	0	1	816	2422	3399	3397	2361	0.5	0.5	0	1
817	2361	3397	3395	2300	0.5	0.5	0	1	818	2300	3395	3393	2239	0.5	0.5	0	1
819	2239	3393	3391	2178	0.5	0.5	0	1	820	2178	3391	3389	2117	0.5	0.5	0	1
821	2117	3389	3387	2056	0.5	0.5	0	1	822	2056	3387	3385	1994	0.5	0.5	0	1
823	1994	3385	3383	1933	0.5	0.5	0	1	824	1933	3383	3381	1872	0.5	0.5	0	1
825	1872	3381	3379	1811	0.5	0.5	0	1	826	1811	3379	3377	1750	0.5	0.5	0	1
827	1750	3377	3375	1689	0.5	0.5	0	1	828	1689	3375	3373	1628	0.5	0.5	0	1
829	1628	3373	3371	1567	0.5	0.5	0	1	830	1567	3371	3369	1506	0.5	0.5	0	1
831	1506	3369	3367	1445	0.5	0.5	0	1	832	1445	3367	3365	1384	0.5	0.5	0	1
833	1384	3365	3363	1323	0.5	0.5	0	1	834	1323	3363	3361	1262	0.5	0.5	0	1
835	1262	3361	3359	1201	0.5	0.5	0	1	836	1201	3359	3357	1140	0.5	0.5	0	1
837	1140	3357	3355	1079	0.5	0.5	0	1	838	1079	3355	3353	1018	0.5	0.5	0	1
839	1018	3353	3351	957	0.5	0.5	0	1	840	957	3351	3349	896	0.5	0.5	0	1
841	3421	3686	3684	3419	0.5	0.5	0	1	842	3419	3684	3682	3417	0.5	0.5	0	1
843	3417	3682	3680	3415	0.5	0.5	0	1	844	3415	3680	3678	3413	0.5	0.5	0	1
845	3413	3678	3676	3411	0.5	0.5	0	1	846	3411	3676	3674	3409	0.5	0.5	0	1
847	3409	3674	3672	3407	0.5	0.5	0	1	848	3407	3672	3670	3405	0.5	0.5	0	1
849	3405	3670	3668	3403	0.5	0.5	0	1	850	3403	3668	3666	3401	0.5	0.5	0	1
851	3401	3666	3664	3399	0.5	0.5	0	1	852	3399	3664	3662	3397	0.5	0.5	0	1
853	3397	3662	3660	3395	0.5	0.5	0	1	854	3395	3660	3658	3393	0.5	0.5	0	1
855	3393	3658	3656	3391	0.5	0.5	0	1	856	3391	3656	3654	3389	0.5	0.5	0	1
857	3389	3654	3652	3387	0.5	0.5	0	1	858	3387	3652	3650	3385	0.5	0.5	0	1
859	3385	3650	3648	3383	0.5	0.5	0	1	860	3383	3648	3646	3381	0.5	0.5	0	1
861	3381	3646	3644	3379	0.5	0.5	0	1	862	3379	3644	3642	3377	0.5	0.5	0	1
863	3377	3642	3640	3375	0.5	0.5	0	1	864	3375	3640	3638	3373				

Vano di equalizzazione e sedimentazione meccanica

In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.	In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.
								Ind.									Ind.
895	3650	4230	4228	3648	0.5	0.5	0	1	896	3648	4228	4226	3646	0.5	0.5	0	1
897	3646	4226	4224	3644	0.5	0.5	0	1	898	3644	4224	4222	3642	0.5	0.5	0	1
899	3642	4222	4220	3640	0.5	0.5	0	1	900	3640	4220	4218	3638	0.5	0.5	0	1
901	3638	4218	4216	3636	0.5	0.5	0	1	902	3636	4216	4214	3634	0.5	0.5	0	1
903	3634	4214	4212	3632	0.5	0.5	0	1	904	3632	4212	4210	3630	0.5	0.5	0	1
905	3630	4210	4208	3628	0.5	0.5	0	1	906	3628	4208	4206	3626	0.5	0.5	0	1
907	3626	4206	4204	3624	0.5	0.5	0	1	908	3624	4204	4202	3622	0.5	0.5	0	1
909	3622	4202	4200	3620	0.5	0.5	0	1	910	3620	4200	4198	3618	0.5	0.5	0	1
911	3618	4198	4196	3616	0.5	0.5	0	1	912	3616	4196	4194	3614	0.5	0.5	0	1
913	4266	4548	4546	4264	0.5	0.5	0	1	914	4264	4546	4544	4262	0.5	0.5	0	1
915	4262	4544	4542	4260	0.5	0.5	0	1	916	4260	4542	4540	4258	0.5	0.5	0	1
917	4258	4540	4538	4256	0.5	0.5	0	1	918	4256	4538	4536	4254	0.5	0.5	0	1
919	4254	4536	4534	4252	0.5	0.5	0	1	920	4252	4534	4532	4250	0.5	0.5	0	1
921	4250	4532	4530	4248	0.5	0.5	0	1	922	4248	4530	4528	4246	0.5	0.5	0	1
923	4246	4528	4526	4244	0.5	0.5	0	1	924	4244	4526	4524	4242	0.5	0.5	0	1
925	4242	4524	4522	4240	0.5	0.5	0	1	926	4240	4522	4520	4238	0.5	0.5	0	1
927	4238	4520	4518	4236	0.5	0.5	0	1	928	4236	4518	4516	4234	0.5	0.5	0	1
929	4234	4516	4514	4232	0.5	0.5	0	1	930	4232	4514	4512	4230	0.5	0.5	0	1
931	4230	4512	4510	4228	0.5	0.5	0	1	932	4228	4510	4508	4226	0.5	0.5	0	1
933	4226	4508	4506	4224	0.5	0.5	0	1	934	4224	4506	4504	4222	0.5	0.5	0	1
935	4222	4504	4502	4220	0.5	0.5	0	1	936	4220	4502	4500	4218	0.5	0.5	0	1
937	4218	4500	4498	4216	0.5	0.5	0	1	938	4216	4498	4496	4214	0.5	0.5	0	1
939	4214	4496	4494	4212	0.5	0.5	0	1	940	4212	4494	4492	4210	0.5	0.5	0	1
941	4210	4492	4490	4208	0.5	0.5	0	1	942	4208	4490	4488	4206	0.5	0.5	0	1
943	4206	4488	4486	4204	0.5	0.5	0	1	944	4204	4486	4484	4202	0.5	0.5	0	1
945	4202	4484	4482	4200	0.5	0.5	0	1	946	4200	4482	4480	4198	0.5	0.5	0	1
947	4198	4480	4478	4196	0.5	0.5	0	1	948	4196	4478	4476	4194	0.5	0.5	0	1
949	4548	4817	4815	4546	0.5	0.5	0	1	950	4546	4815	4813	4544	0.5	0.5	0	1
951	4544	4813	4811	4542	0.5	0.5	0	1	952	4542	4811	4809	4540	0.5	0.5	0	1
953	4540	4809	4807	4538	0.5	0.5	0	1	954	4538	4807	4805	4536	0.5	0.5	0	1
955	4536	4805	4803	4534	0.5	0.5	0	1	956	4534	4803	4801	4532	0.5	0.5	0	1
957	4532	4801	4799	4530	0.5	0.5	0	1	958	4530	4799	4797	4528	0.5	0.5	0	1
959	4528	4797	4795	4526	0.5	0.5	0	1	960	4526	4795	4793	4524	0.5	0.5	0	1
961	4524	4793	4791	4522	0.5	0.5	0	1	962	4522	4791	4789	4520	0.5	0.5	0	1
963	4520	4789	4787	4518	0.5	0.5	0	1	964	4518	4787	4785	4516	0.5	0.5	0	1
965	4516	4785	4783	4514	0.5	0.5	0	1	966	4514	4783	4781	4512	0.5	0.5	0	1
967	4512	4781	4779	4510	0.5	0.5	0	1	968	4510	4779	4777	4508	0.5	0.5	0	1
969	4508	4777	4775	4506	0.5	0.5	0	1	970	4506	4775	4773	4504	0.5	0.5	0	1
971	4504	4773	4771	4502	0.5	0.5	0	1	972	4502	4771	4769	4500	0.5	0.5	0	1
973	4500	4769	4767	4498	0.5	0.5	0	1	974	4498	4767	4765	4496	0.5	0.5	0	1
975	4496	4765	4763	4494	0.5	0.5	0	1	976	4494	4763	4761	4492	0.5	0.5	0	1
977	4492	4761	4759	4490	0.5	0.5	0	1	978	4490	4759	4757	4488	0.5	0.5	0	1
979	4488	4757	4755	4486	0.5	0.5	0	1	980	4486	4755	4753	4484	0.5	0.5	0	1
981	4484	4753	4751	4482	0.5	0.5	0	1	982	4482	4751	4749	4480	0.5	0.5	0	1
983	4480	4749	4747	4478	0.5	0.5	0	1	984	4478	4747	4745	4476	0.5	0.5	0	1
985	4817	5087	5085	4815	0.5	0.5	0	1	986	4815	5085	5083	4813	0.5	0.5	0	1
987	4813	5083	5081	4811	0.5	0.5	0	1	988	4811	5081	5079	4809	0.5	0.5	0	1
989	4809	5079	5077	4807	0.5	0.5	0	1	990	4807	5077	5075	4805	0.5	0.5	0	1
991	4805	5075	5073	4803	0.5	0.5	0	1	992	4803	5073	5071	4801	0.5	0.5	0	1
993	4801	5071	5069	4799	0.5	0.5	0	1	994	4799	5069	5067	4797	0.5	0.5	0	1
995	4797	5067	5065	4795	0.5	0.5	0	1	996	4795	5065	5063	4793	0.5	0.5	0	1
997	4793	5063	5061	4791	0.5	0.5	0	1	998	4791	5061	5059	4789	0.5	0.5	0	1
999	4789	5059	5057	4787	0.5	0.5	0	1	1000	4787	5057	5055	4785	0.5	0.5	0	1
1001	4785	5055	5053	4783	0.5	0.5	0	1	1002	4783	5053	5051	4781	0.5	0.5	0	1
1003	4781	5051	5049	4779	0.5	0.5	0	1	1004	4779	5049	5047	4777	0.5	0.5	0	1
1005	4777	5047	5045	4775	0.5	0.5	0	1	1006	4775	5045	5043	4773	0.5	0.5	0	1
1007	4773	5043	5041	4771	0.5	0.5	0	1	1008	4771	5041	5039	4769	0.5	0.5	0	1
1009	4769	5039	5037	4767	0.5	0.5	0	1	1010	4767	5037	5035	4765	0.5	0.5	0	1
1011	4765	5035	5033	4763	0.5	0.5	0	1	1012	4763	5033	5031	4761	0.5	0.5	0	1
1013	4761	5031	5029	4759	0.5	0.5	0	1	1014	4759	5029	5027	4757	0.5	0.5	0	1
1015	4757	5027	5025	4755	0.5	0.5	0	1	1016	4755	5025	5023	4753	0.5	0.5	0	1
1017	4753	5023	5021	4751	0.5	0.5	0	1	1018	4751	5021	5019	4749	0.5	0.5	0	1
1019	4749	5019	5017	4747	0.5	0.5	0	1	1020	4747	5017	5015	4745	0.5	0.5	0	1
1021	5087	5327	5325	5085	0.5	0.5	0	1	1022	5085	5325	5323	5083	0.5	0.5	0	1
1023	5083	5323	5321	5081	0.5	0.5	0	1	1024	5081	5321	5319	5079	0.5	0.5	0	1
1025	5079	5319	5317	5077	0.5	0.5	0	1	1026	5077	5317	5315	5075	0.5	0.5	0	1
1027	5075	5315	5313	5073	0.5	0.5	0	1	1028	5073	5313	5311	5071	0.5	0.5	0	1
1029	5071	5311	5309	5069	0.5	0.5	0	1	1030	5069	5309	5307	5067	0.5	0.5	0	1
1031	5067	5307	5305	5065	0.5	0.5	0	1	1032	5065	5305	5303	5063	0.5	0.5	0	1
1033	5063	5303	5301	5061	0.5	0.5	0	1	1034	5061	5301	5299	5059	0.5	0.5	0	1
1035	5059	5299	5297	5057	0.5	0.5	0	1	1036	5057	5297	5295	5055	0.5	0.5	0	1
1037	5055	5295	5293	5053	0.5	0.5	0	1	1038	5053	5293	5291	5051	0.5	0.5	0	1
1039	5051	5291	5289	5049	0.5	0.5	0	1	1040	5049	5289	5287	5047	0.5	0.5	0	1
1041	5047	5287	5285	5045	0.5	0.5	0	1	1042	5045	5285	5283	5043	0.5	0.5	0	1
1043	5043	5283	5281	5041	0.5	0.5	0	1	1044	5041	5281	5279	5039	0.5	0.5	0	1
1045	5039	5279	5277	5037	0.5	0.5	0	1	1046	5037	5277	5275	5035	0.5	0.5	0	1
1047	5035	5275	5273	5033	0.5	0.5	0	1	1048	5033	5273	5271	5031	0.5	0.5	0	1
1049	5031	5271	5269	5029	0.5	0.5	0	1	1050	5029	5269	5267	5027	0.5	0.5	0	1
1051	5027	5267	5265	5025	0.5	0.5	0	1	1052	5025	5265	5263	5023	0.5	0.5	0	1
1053	5023	5263	5261	5021	0.5	0.5	0	1	1054	5021	5261	5259	5019	0.5	0.5	0	1
1055	5019	5259	5257	5017	0.5	0.5	0	1	1056	5017	5257	5255					

In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.	In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.
								Ind.									Ind.
1089	5268	5587	5585	5266	0.5	0.5	0	1	1090	5266	5585	5583	5264	0.5	0.5	0	1
1091	5264	5583	5581	5262	0.5	0.5	0	1	1092	5262	5581	5579	5260	0.5	0.5	0	1
1093	5652	5958	5956	5650	0.5	0.5	0	1	1094	5650	5956	5954	5648	0.5	0.5	0	1
1095	5648	5954	5952	5645	0.5	0.5	0	1	1096	5645	5952	5950	5643	0.5	0.5	0	1
1097	5643	5950	5948	5641	0.5	0.5	0	1	1098	5641	5948	5946	5639	0.5	0.5	0	1
1099	5639	5946	5944	5637	0.5	0.5	0	1	1100	5637	5944	5942	5635	0.5	0.5	0	1
1101	5635	5942	5940	5633	0.5	0.5	0	1	1102	5633	5940	5938	5631	0.5	0.5	0	1
1103	5631	5938	5936	5629	0.5	0.5	0	1	1104	5629	5936	5934	5627	0.5	0.5	0	1
1105	5627	5934	5932	5625	0.5	0.5	0	1	1106	5625	5932	5930	5623	0.5	0.5	0	1
1107	5623	5930	5928	5621	0.5	0.5	0	1	1108	5621	5928	5926	5619	0.5	0.5	0	1
1109	5619	5926	5924	5617	0.5	0.5	0	1	1110	5617	5924	5922	5615	0.5	0.5	0	1
1111	5615	5922	5920	5613	0.5	0.5	0	1	1112	5613	5920	5918	5611	0.5	0.5	0	1
1113	5611	5918	5916	5609	0.5	0.5	0	1	1114	5609	5916	5914	5607	0.5	0.5	0	1
1115	5607	5914	5912	5605	0.5	0.5	0	1	1116	5605	5912	5910	5603	0.5	0.5	0	1
1117	5603	5910	5908	5601	0.5	0.5	0	1	1118	5601	5908	5906	5599	0.5	0.5	0	1
1119	5599	5906	5904	5597	0.5	0.5	0	1	1120	5597	5904	5902	5595	0.5	0.5	0	1
1121	5595	5902	5900	5593	0.5	0.5	0	1	1122	5593	5900	5898	5591	0.5	0.5	0	1
1123	5591	5898	5896	5589	0.5	0.5	0	1	1124	5589	5896	5894	5587	0.5	0.5	0	1
1125	5587	5894	5892	5585	0.5	0.5	0	1	1126	5585	5892	5890	5583	0.5	0.5	0	1
1127	5583	5890	5888	5581	0.5	0.5	0	1	1128	5581	5888	5886	5579	0.5	0.5	0	1
1129	5958	6352	6348	5956	0.5	0.5	0	1	1130	5956	6348	6343	5954	0.5	0.5	0	1
1131	5954	6343	6330	5952	0.5	0.5	0	1	1132	5952	6330	6325	5950	0.5	0.5	0	1
1133	5950	6325	6320	5948	0.5	0.5	0	1	1134	5948	6320	6315	5946	0.5	0.5	0	1
1135	5946	6315	6310	5944	0.5	0.5	0	1	1136	5944	6310	6305	5942	0.5	0.5	0	1
1137	5942	6305	6300	5940	0.5	0.5	0	1	1138	5940	6300	6295	5938	0.5	0.5	0	1
1139	5938	6295	6290	5936	0.5	0.5	0	1	1140	5936	6290	6285	5934	0.5	0.5	0	1
1141	5934	6285	6280	5932	0.5	0.5	0	1	1142	5932	6280	6275	5930	0.5	0.5	0	1
1143	5930	6275	6270	5928	0.5	0.5	0	1	1144	5928	6270	6265	5926	0.5	0.5	0	1
1145	5926	6265	6260	5924	0.5	0.5	0	1	1146	5924	6260	6255	5922	0.5	0.5	0	1
1147	5922	6255	6250	5920	0.5	0.5	0	1	1148	5920	6250	6245	5918	0.5	0.5	0	1
1149	5918	6245	6240	5916	0.5	0.5	0	1	1150	5916	6240	6235	5914	0.5	0.5	0	1
1151	5914	6235	6230	5912	0.5	0.5	0	1	1152	5912	6230	6225	5910	0.5	0.5	0	1
1153	5910	6225	6220	5908	0.5	0.5	0	1	1154	5908	6220	6215	5906	0.5	0.5	0	1
1155	5906	6215	6210	5904	0.5	0.5	0	1	1156	5904	6210	6205	5902	0.5	0.5	0	1
1157	5902	6205	6200	5900	0.5	0.5	0	1	1158	5900	6200	6195	5898	0.5	0.5	0	1
1159	5898	6195	6190	5896	0.5	0.5	0	1	1160	5896	6190	6185	5894	0.5	0.5	0	1
1161	5894	6185	6180	5892	0.5	0.5	0	1	1162	5892	6180	6175	5890	0.5	0.5	0	1
1163	5890	6175	6170	5888	0.5	0.5	0	1	1164	5888	6170	6159	5886	0.5	0.5	0	1
1165	6169	5887	5882	6158	0.5	0.5	0	1	1166	6158	5882	5877	6150	0.5	0.5	0	1
1167	6150	5877	5874	6142	0.5	0.5	0	1	1168	6142	5874	5869	6134	0.5	0.5	0	1
1169	6134	5869	5867	6126	0.5	0.5	0	1	1170	5877	5880	5874	5882	0.5	0.5	0	1
1171	5882	5877	5874	5882	0.5	0.5	0	1	1172	5877	5862	5859	5874	0.5	0.5	0	1
1173	5874	5859	5856	5869	0.5	0.5	0	1	1174	5869	5856	5851	5867	0.5	0.5	0	1
1175	5880	5261	5257	5871	0.5	0.5	0	1	1176	5871	5257	5247	5862	0.5	0.5	0	1
1177	5862	5247	5241	5859	0.5	0.5	0	1	1178	5859	5241	5235	5856	0.5	0.5	0	1
1179	5856	5235	5230	5851	0.5	0.5	0	1	1180	5261	5016	5009	5257	0.5	0.5	0	1
1181	5257	5009	5001	5247	0.5	0.5	0	1	1182	5247	5001	4990	5241	0.5	0.5	0	1
1183	5241	4990	4973	5235	0.5	0.5	0	1	1184	5235	4973	4955	5230	0.5	0.5	0	1
1185	5016	4746	4740	5009	0.5	0.5	0	1	1186	5009	4740	4736	5001	0.5	0.5	0	1
1187	5001	4736	4731	4990	0.5	0.5	0	1	1188	4990	4731	4720	4973	0.5	0.5	0	1
1189	4973	4720	4714	4955	0.5	0.5	0	1	1190	4746	4477	4475	4740	0.5	0.5	0	1
1191	4740	4475	4473	4736	0.5	0.5	0	1	1192	4736	4473	4470	4731	0.5	0.5	0	1
1193	4731	4470	4457	4720	0.5	0.5	0	1	1194	4720	4457	4449	4714	0.5	0.5	0	1
1195	4477	4195	4193	4475	0.5	0.5	0	1	1196	4475	4193	4191	4473	0.5	0.5	0	1
1197	4473	4191	4189	4470	0.5	0.5	0	1	1198	4470	4189	4187	4457	0.5	0.5	0	1
1199	4457	4187	4185	4449	0.5	0.5	0	1	1200	4195	3615	3612	4193	0.5	0.5	0	1
1201	4193	3612	3610	4191	0.5	0.5	0	1	1202	4191	3610	3608	4189	0.5	0.5	0	1
1203	4189	3608	3606	4187	0.5	0.5	0	1	1204	4187	3606	3602	4185	0.5	0.5	0	1
1205	3615	3350	3346	3612	0.5	0.5	0	1	1206	3612	3346	3339	3610	0.5	0.5	0	1
1207	3610	3339	3333	3608	0.5	0.5	0	1	1208	3608	3333	3329	3606	0.5	0.5	0	1
1209	3606	3329	3327	3602	0.5	0.5	0	1	1210	3350	952	885	3346	0.5	0.5	0	1
1211	3346	885	883	3339	0.5	0.5	0	1	1212	3339	883	879	3333	0.5	0.5	0	1
1213	3333	879	876	3329	0.5	0.5	0	1	1214	3329	876	873	3327	0.5	0.5	0	1
1215	952	802	744	885	0.5	0.5	0	1	1216	885	744	740	883	0.5	0.5	0	1
1217	883	740	737	879	0.5	0.5	0	1	1218	879	737	732	876	0.5	0.5	0	1
1219	876	732	730	873	0.5	0.5	0	1	1220	802	664	606	744	0.5	0.5	0	1
1221	744	606	603	740	0.5	0.5	0	1	1222	740	603	600	737	0.5	0.5	0	1
1223	737	600	598	732	0.5	0.5	0	1	1224	732	598	595	730	0.5	0.5	0	1
1225	664	488	427	606	0.5	0.5	0	1	1226	606	427	366	603	0.5	0.5	0	1
1227	603	366	304	600	0.5	0.5	0	1	1228	600	304	243	598	0.5	0.5	0	1
1229	598	243	182	595	0.5	0.5	0	1	1230	3093	3094	3423	3421	0.5	0.5	0	1
1231	3421	3423	3688	3686	0.5	0.5	0	1	1232	3686	3688	4268	4266	0.5	0.5	0	1
1233	4266	4268	4550	4548	0.5	0.5	0	1	1234	4548	4550	4820	4817	0.5	0.5	0	1
1235	4817	4820	5093	5087	0.5	0.5	0	1	1236	5087	5093	5334	5332	0.5	0.5	0	1
1237	5332	5334	5654	5652	0.5	0.5	0	1	1238	5652	5654	5960	5958	0.5	0.5	0	1
1239	5958	5960	6353	6352	0.5	0.5	0	1	1240	3094	3095	3425	3423	0.5	0.5	0	1
1241	3423	3425	3690	3688	0.5	0.5	0	1	1242	3688	3690	4270	4268	0.5	0.5	0	1
1243	4268	4270	4552	4550	0.5	0.5	0	1	1244	4550	4552	4822	4820	0.5	0.5	0	1
1245	4820	4822	5095	5093	0.5	0.5	0	1	1246	5093	5095	5339	5334	0.5	0.5	0	1
1247	5334	5339	5656	5654	0.5	0.5	0	1	1248	5654	5656	5962	5960	0.5	0.5	0	1
1249	5960	5962	6354	6353	0.5	0.5	0	1	1250								

Vano di equalizzazione e sedimentazione meccanica

In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.	In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.
								Ind.									Ind.
1283	4276	4278	4560	4558	0.5	0.5	0	1	1284	4558	4560	4833	4829	0.5	0.5	0	1
1285	4829	4833	5104	5101	0.5	0.5	0	1	1286	5101	5104	5353	5350	0.5	0.5	0	1
1287	5350	5353	5668	5665	0.5	0.5	0	1	1288	5665	5668	5973	5971	0.5	0.5	0	1
1289	5971	5973	6358	6357	0.5	0.5	0	1	1290	3099	3100	3435	3433	0.5	0.5	0	1
1291	3433	3435	3700	3698	0.5	0.5	0	1	1292	3698	3700	4280	4278	0.5	0.5	0	1
1293	4278	4280	4562	4560	0.5	0.5	0	1	1294	4560	4562	4835	4833	0.5	0.5	0	1
1295	4833	4835	5108	5104	0.5	0.5	0	1	1296	5104	5108	5357	5353	0.5	0.5	0	1
1297	5353	5357	5670	5668	0.5	0.5	0	1	1298	5668	5670	5977	5973	0.5	0.5	0	1
1299	5973	5977	6359	6358	0.5	0.5	0	1	1300	3100	3101	3437	3435	0.5	0.5	0	1
1301	3435	3437	3702	3700	0.5	0.5	0	1	1302	3700	3702	4283	4280	0.5	0.5	0	1
1303	4280	4283	4564	4562	0.5	0.5	0	1	1304	4562	4564	4839	4835	0.5	0.5	0	1
1305	4835	4839	5110	5108	0.5	0.5	0	1	1306	5108	5110	5360	5357	0.5	0.5	0	1
1307	5357	5360	5675	5670	0.5	0.5	0	1	1308	5670	5675	5975	5977	0.5	0.5	0	1
1309	5977	5975	6360	6359	0.5	0.5	0	1	1310	3101	3102	3439	3437	0.5	0.5	0	1
1311	3437	3439	3704	3702	0.5	0.5	0	1	1312	3702	3704	4285	4283	0.5	0.5	0	1
1313	4283	4285	4566	4564	0.5	0.5	0	1	1314	4564	4566	4843	4839	0.5	0.5	0	1
1315	4839	4843	5112	5110	0.5	0.5	0	1	1316	5110	5112	5364	5360	0.5	0.5	0	1
1317	5360	5364	5672	5675	0.5	0.5	0	1	1318	5675	5672	5968	5975	0.5	0.5	0	1
1319	5975	5968	6361	6360	0.5	0.5	0	1	1320	3102	3103	3441	3439	0.5	0.5	0	1
1321	3439	3441	3707	3704	0.5	0.5	0	1	1322	3704	3707	4288	4285	0.5	0.5	0	1
1323	4285	4288	4568	4566	0.5	0.5	0	1	1324	4566	4568	4846	4843	0.5	0.5	0	1
1325	4843	4846	5116	5112	0.5	0.5	0	1	1326	5112	5116	5362	5364	0.5	0.5	0	1
1327	5364	5362	5662	5672	0.5	0.5	0	1	1328	5672	5662	5884	5968	0.5	0.5	0	1
1329	5968	5884	6362	6361	0.5	0.5	0	1	1330	3103	3104	3445	3441	0.5	0.5	0	1
1331	3441	3445	3710	3707	0.5	0.5	0	1	1332	3707	3710	4290	4288	0.5	0.5	0	1
1333	4288	4290	4570	4568	0.5	0.5	0	1	1334	4568	4570	4848	4846	0.5	0.5	0	1
1335	4846	4848	5119	5116	0.5	0.5	0	1	1336	5116	5119	5355	5362	0.5	0.5	0	1
1337	5362	5355	5576	5662	0.5	0.5	0	1	1338	5662	5576	5879	5884	0.5	0.5	0	1
1339	5884	5879	6363	6362	0.5	0.5	0	1	1340	3104	3105	3455	3445	0.5	0.5	0	1
1341	3445	3455	3717	3710	0.5	0.5	0	1	1342	3710	3717	4294	4290	0.5	0.5	0	1
1343	4290	4294	4572	4570	0.5	0.5	0	1	1344	4570	4572	4850	4848	0.5	0.5	0	1
1345	4848	4850	5121	5119	0.5	0.5	0	1	1346	5119	5121	5337	5355	0.5	0.5	0	1
1347	5355	5337	5563	5576	0.5	0.5	0	1	1348	5576	5563	5871	5879	0.5	0.5	0	1
1349	5879	5871	6364	6363	0.5	0.5	0	1	1350	3105	3106	3471	3455	0.5	0.5	0	1
1351	3455	3471	3732	3717	0.5	0.5	0	1	1352	3717	3732	4301	4294	0.5	0.5	0	1
1353	4294	4301	4574	4572	0.5	0.5	0	1	1354	4572	4574	4852	4850	0.5	0.5	0	1
1355	4850	4852	5114	5121	0.5	0.5	0	1	1356	5121	5114	5252	5337	0.5	0.5	0	1
1357	5337	5252	5552	5563	0.5	0.5	0	1	1358	5563	5552	5859	5871	0.5	0.5	0	1
1359	5871	5859	6365	6364	0.5	0.5	0	1	1360	3106	3107	3503	3471	0.5	0.5	0	1
1361	3471	3503	3777	3732	0.5	0.5	0	1	1362	3732	3777	4312	4301	0.5	0.5	0	1
1363	4301	4312	4577	4574	0.5	0.5	0	1	1364	4574	4577	4854	4852	0.5	0.5	0	1
1365	4852	4854	5106	5114	0.5	0.5	0	1	1366	5114	5106	5236	5252	0.5	0.5	0	1
1367	5252	5236	5542	5552	0.5	0.5	0	1	1368	5552	5542	5833	5859	0.5	0.5	0	1
1369	5859	5833	6366	6365	0.5	0.5	0	1	1370	3107	3108	3510	3503	0.5	0.5	0	1
1371	3503	3510	3778	3777	0.5	0.5	0	1	1372	3777	3778	4318	4312	0.5	0.5	0	1
1373	4312	4318	4580	4577	0.5	0.5	0	1	1374	4577	4580	4856	4854	0.5	0.5	0	1
1375	4854	4856	5088	5106	0.5	0.5	0	1	1376	5106	5088	5223	5236	0.5	0.5	0	1
1377	5236	5223	5519	5542	0.5	0.5	0	1	1378	5542	5519	5784	5833	0.5	0.5	0	1
1379	5833	5784	6367	6366	0.5	0.5	0	1	1380	3108	3109	3512	3510	0.5	0.5	0	1
1381	3510	3512	3779	3778	0.5	0.5	0	1	1382	3109	3110	3514	3512	0.5	0.5	0	1
1383	3512	3514	3780	3779	0.5	0.5	0	1	1384	3110	3111	3516	3514	0.5	0.5	0	1
1385	3514	3516	3781	3780	0.5	0.5	0	1	1386	3111	3112	3518	3516	0.5	0.5	0	1
1387	3516	3518	3782	3781	0.5	0.5	0	1	1388	3112	3113	3520	3518	0.5	0.5	0	1
1389	3518	3520	3783	3782	0.5	0.5	0	1	1390	3113	3114	3522	3520	0.5	0.5	0	1
1391	3520	3522	3784	3783	0.5	0.5	0	1	1392	3114	3115	3523	3522	0.5	0.5	0	1
1393	3522	3523	3785	3784	0.5	0.5	0	1	1394	3115	3116	3525	3523	0.5	0.5	0	1
1395	3523	3525	3786	3785	0.5	0.5	0	1	1396	3116	3117	3526	3525	0.5	0.5	0	1
1397	3525	3526	3787	3786	0.5	0.5	0	1	1398	3117	3118	3527	3526	0.5	0.5	0	1
1399	3526	3527	3788	3787	0.5	0.5	0	1	1400	3118	3119	3528	3527	0.5	0.5	0	1
1401	3527	3528	3789	3788	0.5	0.5	0	1	1402	3119	3120	3529	3528	0.5	0.5	0	1
1403	3528	3529	3790	3789	0.5	0.5	0	1	1404	3120	3121	3530	3529	0.5	0.5	0	1
1405	3529	3530	3791	3790	0.5	0.5	0	1	1406	3121	3122	3531	3530	0.5	0.5	0	1
1407	3530	3531	3792	3791	0.5	0.5	0	1	1408	3122	3123	3532	3531	0.5	0.5	0	1
1409	3531	3532	3793	3792	0.5	0.5	0	1	1410	3123	3124	3533	3532	0.5	0.5	0	1
1411	3532	3533	3794	3793	0.5	0.5	0	1	1412	3124	3125	3534	3533	0.5	0.5	0	1
1413	3533	3534	3795	3794	0.5	0.5	0	1	1414	3125	3126	3535	3534	0.5	0.5	0	1
1415	3534	3535	3796	3795	0.5	0.5	0	1	1416	3126	3127	3536	3535	0.5	0.5	0	1
1417	3535	3536	3797	3796	0.5	0.5	0	1	1418	3127	3128	3537	3536	0.5	0.5	0	1
1419	3536	3537	3798	3797	0.5	0.5	0	1	1420	3128	3129	3538	3537	0.5	0.5	0	1
1421	3537	3538	3799	3798	0.5	0.5	0	1	1422	3129	3130	3539	3538	0.5	0.5	0	1
1423	3538	3539	3800	3799	0.5	0.5	0	1	1424	3130	3131	3540	3539	0.5	0.5	0	1
1425	3539	3540	3801	3800	0.5	0.5	0	1	1426	3131	3132	3541	3540	0.5	0.5	0	1
1427	3540	3541	3802	3801	0.5	0.5	0	1	1428	3132	3133	3542	3541	0.5	0.5	0	1
1429	3541	3542	3803	3802	0.5	0.5	0	1	1430	3133	3134	3543	3542	0.5	0.5	0	1
1431	3542	3543	3804	3803	0.5	0.5	0	1	1432	3134	3135	3544	3543	0.5	0.5	0	1
1433	3543	3544	3805	3804	0.5	0.5	0	1	1434	3135	3136	3545	3544	0.5	0.5	0	1
1435	3544	3545	3806	3805	0.5	0.5	0	1	1436	3136	3137	3546	3545	0.5	0.5	0	1
1437	3545	3546	3807	3806	0.5	0.5	0	1	1438	3137	3138	3547	3546	0.5	0.5	0	1
1439	3546	3547	3808	3807	0.5	0.5	0	1	1440	3138	3139	3548	3547	0.5	0.5	0	1
1441	3547	3548	3809	3808	0.5	0.5	0	1	1442	3139	3140	3549	3548				

In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.	In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.
								Ind.									Ind.
1477	4849	4847	5117	5120	0.5	0.5	0	1	1478	5120	5117	5363	5356	0.5	0.5	0	1
1479	5356	5363	5663	5577	0.5	0.5	0	1	1480	5577	5663	5885	5880	0.5	0.5	0	1
1481	5880	5885	6398	6397	0.5	0.5	0	1	1482	3139	3140	3440	3442	0.5	0.5	0	1
1483	3442	3440	3705	3708	0.5	0.5	0	1	1484	3708	3705	4286	4289	0.5	0.5	0	1
1485	4289	4286	4567	4569	0.5	0.5	0	1	1486	4569	4567	4844	4847	0.5	0.5	0	1
1487	4847	4844	5113	5117	0.5	0.5	0	1	1488	5117	5113	5365	5363	0.5	0.5	0	1
1489	5363	5365	5673	5663	0.5	0.5	0	1	1490	5663	5673	5969	5885	0.5	0.5	0	1
1491	5885	5969	6399	6398	0.5	0.5	0	1	1492	3140	3141	3438	3440	0.5	0.5	0	1
1493	3440	3438	3703	3705	0.5	0.5	0	1	1494	3705	3703	4284	4286	0.5	0.5	0	1
1495	4286	4284	4565	4567	0.5	0.5	0	1	1496	4567	4565	4840	4844	0.5	0.5	0	1
1497	4844	4840	5111	5113	0.5	0.5	0	1	1498	5113	5111	5361	5365	0.5	0.5	0	1
1499	5365	5361	5676	5673	0.5	0.5	0	1	1500	5673	5676	5976	5969	0.5	0.5	0	1
1501	5969	5976	6400	6399	0.5	0.5	0	1	1502	3141	3142	3436	3438	0.5	0.5	0	1
1503	3438	3436	3701	3703	0.5	0.5	0	1	1504	3703	3701	4281	4284	0.5	0.5	0	1
1505	4284	4281	4563	4565	0.5	0.5	0	1	1506	4565	4563	4836	4840	0.5	0.5	0	1
1507	4840	4836	5109	5111	0.5	0.5	0	1	1508	5111	5109	5358	5361	0.5	0.5	0	1
1509	5361	5358	5671	5676	0.5	0.5	0	1	1510	5676	5671	5978	5976	0.5	0.5	0	1
1511	5976	5978	6401	6400	0.5	0.5	0	1	1512	3142	3143	3434	3436	0.5	0.5	0	1
1513	3436	3434	3699	3701	0.5	0.5	0	1	1514	3701	3699	4279	4281	0.5	0.5	0	1
1515	4281	4279	4561	4563	0.5	0.5	0	1	1516	4563	4561	4834	4836	0.5	0.5	0	1
1517	4836	4834	5105	5109	0.5	0.5	0	1	1518	5109	5105	5354	5358	0.5	0.5	0	1
1519	5358	5354	5669	5671	0.5	0.5	0	1	1520	5671	5669	5974	5978	0.5	0.5	0	1
1521	5978	5974	6402	6401	0.5	0.5	0	1	1522	3143	3144	3432	3434	0.5	0.5	0	1
1523	3434	3432	3697	3699	0.5	0.5	0	1	1524	3699	3697	4277	4279	0.5	0.5	0	1
1525	4279	4277	4559	4561	0.5	0.5	0	1	1526	4561	4559	4830	4834	0.5	0.5	0	1
1527	4834	4830	5102	5105	0.5	0.5	0	1	1528	5105	5102	5351	5354	0.5	0.5	0	1
1529	5354	5351	5666	5669	0.5	0.5	0	1	1530	5669	5666	5972	5974	0.5	0.5	0	1
1531	5974	5972	6403	6402	0.5	0.5	0	1	1532	3144	3145	3430	3432	0.5	0.5	0	1
1533	3432	3430	3695	3697	0.5	0.5	0	1	1534	3697	3695	4275	4277	0.5	0.5	0	1
1535	4277	4275	4557	4559	0.5	0.5	0	1	1536	4559	4557	4828	4830	0.5	0.5	0	1
1537	4830	4828	5100	5102	0.5	0.5	0	1	1538	5102	5100	5348	5351	0.5	0.5	0	1
1539	5351	5348	5661	5666	0.5	0.5	0	1	1540	5666	5661	5967	5972	0.5	0.5	0	1
1541	5972	5967	6404	6403	0.5	0.5	0	1	1542	3145	3146	3428	3430	0.5	0.5	0	1
1543	3430	3428	3693	3695	0.5	0.5	0	1	1544	3695	3693	4273	4275	0.5	0.5	0	1
1545	4275	4273	4555	4557	0.5	0.5	0	1	1546	4557	4555	4826	4828	0.5	0.5	0	1
1547	4828	4826	5098	5100	0.5	0.5	0	1	1548	5100	5098	5342	5348	0.5	0.5	0	1
1549	5348	5342	5659	5661	0.5	0.5	0	1	1550	5661	5659	5965	5967	0.5	0.5	0	1
1551	5967	5965	6405	6404	0.5	0.5	0	1	1552	3146	3147	3426	3428	0.5	0.5	0	1
1553	3428	3426	3691	3693	0.5	0.5	0	1	1554	3693	3691	4271	4273	0.5	0.5	0	1
1555	4273	4271	4553	4555	0.5	0.5	0	1	1556	4555	4553	4823	4826	0.5	0.5	0	1
1557	4826	4823	5096	5098	0.5	0.5	0	1	1558	5098	5096	5340	5342	0.5	0.5	0	1
1559	5342	5340	5657	5659	0.5	0.5	0	1	1560	5659	5657	5963	5965	0.5	0.5	0	1
1561	5965	5963	6406	6405	0.5	0.5	0	1	1562	3147	3148	3424	3426	0.5	0.5	0	1
1563	3426	3424	3689	3691	0.5	0.5	0	1	1564	3691	3689	4269	4271	0.5	0.5	0	1
1565	4271	4269	4551	4553	0.5	0.5	0	1	1566	4553	4551	4821	4823	0.5	0.5	0	1
1567	4823	4821	5094	5096	0.5	0.5	0	1	1568	5096	5094	5335	5340	0.5	0.5	0	1
1569	5340	5335	5655	5657	0.5	0.5	0	1	1570	5657	5655	5961	5963	0.5	0.5	0	1
1571	5963	5961	6407	6406	0.5	0.5	0	1	1572	3148	3149	3422	3424	0.5	0.5	0	1
1573	3424	3422	3687	3689	0.5	0.5	0	1	1574	3689	3687	4267	4269	0.5	0.5	0	1
1575	4269	4267	4549	4551	0.5	0.5	0	1	1576	4551	4549	4818	4821	0.5	0.5	0	1
1577	4821	4818	5090	5094	0.5	0.5	0	1	1578	5094	5090	5333	5335	0.5	0.5	0	1
1579	5335	5333	5653	5655	0.5	0.5	0	1	1580	5655	5653	5959	5961	0.5	0.5	0	1
1581	5961	5959	6408	6407	0.5	0.5	0	1	1582	6393	6392	5839	5785	0.5	0.5	0	1
1583	5785	5839	5546	5520	0.5	0.5	0	1	1584	5520	5546	5249	5224	0.5	0.5	0	1
1585	5224	5249	5126	5089	0.5	0.5	0	1	1586	5089	5126	4861	4857	0.5	0.5	0	1
1587	4857	4861	4586	4581	0.5	0.5	0	1	1588	4581	4586	4324	4319	0.5	0.5	0	1
1589	4319	4324	3803	3804	0.5	0.5	0	1	1590	6392	6391	5864	5839	0.5	0.5	0	1
1591	5839	5864	5568	5546	0.5	0.5	0	1	1592	5546	5568	5374	5249	0.5	0.5	0	1
1593	5249	5374	5132	5126	0.5	0.5	0	1	1594	5126	5132	4863	4861	0.5	0.5	0	1
1595	4861	4863	4591	4586	0.5	0.5	0	1	1596	4586	4591	4327	4324	0.5	0.5	0	1
1597	4324	4327	3802	3803	0.5	0.5	0	1	1598	6391	6390	5984	5864	0.5	0.5	0	1
1599	5864	5984	5687	5568	0.5	0.5	0	1	1600	5568	5687	5386	5374	0.5	0.5	0	1
1601	5374	5386	5139	5132	0.5	0.5	0	1	1602	5132	5139	4865	4863	0.5	0.5	0	1
1603	4863	4865	4594	4591	0.5	0.5	0	1	1604	4591	4594	4330	4327	0.5	0.5	0	1
1605	4327	4330	3801	3802	0.5	0.5	0	1	1606	6390	6389	5998	5984	0.5	0.5	0	1
1607	5984	5998	5699	5687	0.5	0.5	0	1	1608	5687	5699	5412	5386	0.5	0.5	0	1
1609	5386	5412	5145	5139	0.5	0.5	0	1	1610	5139	5145	4868	4865	0.5	0.5	0	1
1611	4865	4868	4597	4594	0.5	0.5	0	1	1612	4594	4597	4333	4330	0.5	0.5	0	1
1613	4330	4333	3800	3801	0.5	0.5	0	1	1614	6389	6388	6009	5998	0.5	0.5	0	1
1615	5998	6009	5706	5699	0.5	0.5	0	1	1616	5699	5706	5416	5412	0.5	0.5	0	1
1617	5412	5416	5147	5145	0.5	0.5	0	1	1618	5145	5147	4870	4868	0.5	0.5	0	1
1619	4868	4870	4600	4597	0.5	0.5	0	1	1620	4597	4600	4335	4333	0.5	0.5	0	1
1621	4333	4335	3799	3800	0.5	0.5	0	1	1622	6388	6387	6017	6009	0.5	0.5	0	1
1623	6009	6017	5713	5706	0.5	0.5	0	1	1624	5706	5713	5421	5416	0.5	0.5	0	1
1625	5416	5421	5151	5147	0.5	0.5	0	1	1626	5147	5151	4874	4870	0.5	0.5	0	1
1627	4870	4874	4604	4600	0.5	0.5	0	1	1628	4600	4604	4338	4335	0.5	0.5	0	1
1629	4335	4338	3798	3799	0.5	0.5	0	1	1630	6387	6386	6021	6017	0.5	0.5	0	1
1631	6017	6021	5718	5713	0.5	0.5	0	1	1632	5713	5718	5431	5421	0.5	0.5	0	1
1633	5421	5431	5153	5151	0.5	0.5	0	1	1634	5151	5153	4877	4874	0.5	0.5	0	1
1635	4874	4877	4608	4604	0.5	0.5	0	1	1636	4604	4608	4341	4338	0.5	0.5	0	1
1637																	

Vano di equalizzazione e sedimentazione meccanica

In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.	In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.
								Ind.									Ind.
1671	6385	6384	6036	6037	0.5	0.5	0	1	1672	6037	6036	5736	5737	0.5	0.5	0	1
1673	5737	5736	5486	5487	0.5	0.5	0	1	1674	6384	6383	6035	6036	0.5	0.5	0	1
1675	6036	6035	5735	5736	0.5	0.5	0	1	1676	5736	5735	5485	5486	0.5	0.5	0	1
1677	6383	6382	6034	6035	0.5	0.5	0	1	1678	6035	6034	5734	5735	0.5	0.5	0	1
1679	5735	5734	5484	5485	0.5	0.5	0	1	1680	6382	6381	6033	6034	0.5	0.5	0	1
1681	6034	6033	5733	5734	0.5	0.5	0	1	1682	5734	5733	5483	5484	0.5	0.5	0	1
1683	6381	6380	6032	6033	0.5	0.5	0	1	1684	6033	6032	5732	5733	0.5	0.5	0	1
1685	5733	5732	5482	5483	0.5	0.5	0	1	1686	6380	6379	6031	6032	0.5	0.5	0	1
1687	6032	6031	5731	5732	0.5	0.5	0	1	1688	5732	5731	5481	5482	0.5	0.5	0	1
1689	6379	6378	6030	6031	0.5	0.5	0	1	1690	6031	6030	5730	5731	0.5	0.5	0	1
1691	5731	5730	5480	5481	0.5	0.5	0	1	1692	6378	6377	6029	6030	0.5	0.5	0	1
1693	6030	6029	5729	5730	0.5	0.5	0	1	1694	5730	5729	5479	5480	0.5	0.5	0	1
1695	6377	6376	6028	6029	0.5	0.5	0	1	1696	6029	6028	5728	5729	0.5	0.5	0	1
1697	5729	5728	5478	5479	0.5	0.5	0	1	1698	6376	6375	6027	6028	0.5	0.5	0	1
1699	6028	6027	5727	5728	0.5	0.5	0	1	1700	5728	5727	5477	5478	0.5	0.5	0	1
1701	5482	5481	5165	5167	0.5	0.5	0	1	1702	5167	5165	4890	4892	0.5	0.5	0	1
1703	4892	4890	4619	4621	0.5	0.5	0	1	1704	4621	4619	4351	4354	0.5	0.5	0	1
1705	4354	4351	3790	3791	0.5	0.5	0	1	1706	5481	5480	5163	5165	0.5	0.5	0	1
1707	5165	5163	4888	4890	0.5	0.5	0	1	1708	4890	4888	4617	4619	0.5	0.5	0	1
1709	4619	4617	4349	4351	0.5	0.5	0	1	1710	4351	4349	3789	3790	0.5	0.5	0	1
1711	5480	5479	5161	5163	0.5	0.5	0	1	1712	5163	5161	4886	4888	0.5	0.5	0	1
1713	4888	4886	4615	4617	0.5	0.5	0	1	1714	4617	4615	4347	4349	0.5	0.5	0	1
1715	4349	4347	3788	3789	0.5	0.5	0	1	1716	5479	5478	5159	5161	0.5	0.5	0	1
1717	5161	5159	4883	4886	0.5	0.5	0	1	1718	4886	4883	4612	4615	0.5	0.5	0	1
1719	4615	4612	4345	4347	0.5	0.5	0	1	1720	4347	4345	3787	3788	0.5	0.5	0	1
1721	5478	5477	5156	5159	0.5	0.5	0	1	1722	5159	5156	4880	4883	0.5	0.5	0	1
1723	4883	4880	4609	4612	0.5	0.5	0	1	1724	4612	4609	4342	4345	0.5	0.5	0	1
1725	4345	4342	3786	3787	0.5	0.5	0	1	1726	6375	6374	6020	6027	0.5	0.5	0	1
1727	6027	6020	5717	5727	0.5	0.5	0	1	1728	5727	5717	5430	5477	0.5	0.5	0	1
1729	5477	5430	5152	5156	0.5	0.5	0	1	1730	5156	5152	4876	4880	0.5	0.5	0	1
1731	4880	4876	4607	4609	0.5	0.5	0	1	1732	4609	4607	4340	4342	0.5	0.5	0	1
1733	4342	4340	3785	3786	0.5	0.5	0	1	1734	6374	6373	6016	6020	0.5	0.5	0	1
1735	6020	6016	5712	5717	0.5	0.5	0	1	1736	5717	5712	5420	5430	0.5	0.5	0	1
1737	5430	5420	5150	5152	0.5	0.5	0	1	1738	5152	5150	4873	4876	0.5	0.5	0	1
1739	4876	4873	4603	4607	0.5	0.5	0	1	1740	4607	4603	4337	4340	0.5	0.5	0	1
1741	4340	4337	3784	3785	0.5	0.5	0	1	1742	6373	6372	6008	6016	0.5	0.5	0	1
1743	6016	6008	5705	5712	0.5	0.5	0	1	1744	5712	5705	5415	5420	0.5	0.5	0	1
1745	5420	5415	5146	5150	0.5	0.5	0	1	1746	5150	5146	4869	4873	0.5	0.5	0	1
1747	4873	4869	4599	4603	0.5	0.5	0	1	1748	4603	4599	4334	4337	0.5	0.5	0	1
1749	4337	4334	3783	3784	0.5	0.5	0	1	1750	6372	6371	5997	6008	0.5	0.5	0	1
1751	6008	5997	5698	5705	0.5	0.5	0	1	1752	5705	5698	5411	5415	0.5	0.5	0	1
1753	5415	5411	5144	5146	0.5	0.5	0	1	1754	5146	5144	4867	4869	0.5	0.5	0	1
1755	4869	4867	4596	4599	0.5	0.5	0	1	1756	4599	4596	4332	4334	0.5	0.5	0	1
1757	4334	4332	3782	3783	0.5	0.5	0	1	1758	6371	6370	5983	5997	0.5	0.5	0	1
1759	5997	5983	5686	5698	0.5	0.5	0	1	1760	5698	5686	5385	5411	0.5	0.5	0	1
1761	5411	5385	5138	5144	0.5	0.5	0	1	1762	5144	5138	4864	4867	0.5	0.5	0	1
1763	4867	4864	4593	4596	0.5	0.5	0	1	1764	4596	4593	4329	4332	0.5	0.5	0	1
1765	4332	4329	3781	3782	0.5	0.5	0	1	1766	6370	6369	5863	5983	0.5	0.5	0	1
1767	5983	5863	5567	5686	0.5	0.5	0	1	1768	5686	5567	5373	5385	0.5	0.5	0	1
1769	5385	5373	5131	5138	0.5	0.5	0	1	1770	5138	5131	4862	4864	0.5	0.5	0	1
1771	4864	4862	4590	4593	0.5	0.5	0	1	1772	4593	4590	4326	4329	0.5	0.5	0	1
1773	4329	4326	3780	3781	0.5	0.5	0	1	1774	6369	6368	5838	5863	0.5	0.5	0	1
1775	5863	5838	5545	5567	0.5	0.5	0	1	1776	5567	5545	5248	5373	0.5	0.5	0	1
1777	5373	5248	5125	5131	0.5	0.5	0	1	1778	5131	5125	4860	4862	0.5	0.5	0	1
1779	4862	4860	4585	4590	0.5	0.5	0	1	1780	4590	4585	4323	4326	0.5	0.5	0	1
1781	4326	4323	3779	3780	0.5	0.5	0	1	1782	6368	6367	5784	5838	0.5	0.5	0	1
1783	5838	5784	5519	5545	0.5	0.5	0	1	1784	5545	5519	5223	5248	0.5	0.5	0	1
1785	5248	5223	5088	5125	0.5	0.5	0	1	1786	5125	5088	4856	4860	0.5	0.5	0	1
1787	4860	4856	4580	4585	0.5	0.5	0	1	1788	4856	4580	4318	4323	0.5	0.5	0	1
1789	4323	4318	3778	3779	0.5	0.5	0	1	1790	6336	6327	6328	6337	0.2	0.2	0	1
1791	6327	6322	6323	6328	0.2	0.2	0	1	1792	6322	6317	6318	6323	0.2	0.2	0	1
1793	6317	6312	6313	6318	0.2	0.2	0	1	1794	6312	6307	6308	6313	0.2	0.2	0	1
1795	6307	6302	6303	6308	0.2	0.2	0	1	1796	6302	6297	6298	6303	0.2	0.2	0	1
1797	6297	6292	6293	6298	0.2	0.2	0	1	1798	6292	6287	6288	6293	0.2	0.2	0	1
1799	6287	6282	6283	6288	0.2	0.2	0	1	1800	6282	6277	6278	6283	0.2	0.2	0	1
1801	6277	6272	6273	6278	0.2	0.2	0	1	1802	6272	6267	6268	6273	0.2	0.2	0	1
1803	6267	6262	6263	6268	0.2	0.2	0	1	1804	6262	6257	6258	6263	0.2	0.2	0	1
1805	6257	6252	6253	6258	0.2	0.2	0	1	1806	6252	6247	6248	6253	0.2	0.2	0	1
1807	6247	6242	6243	6248	0.2	0.2	0	1	1808	6242	6237	6238	6243	0.2	0.2	0	1
1809	6237	6232	6233	6238	0.2	0.2	0	1	1810	6232	6227	6228	6233	0.2	0.2	0	1
1811	6227	6222	6223	6228	0.2	0.2	0	1	1812	6222	6217	6218	6223	0.2	0.2	0	1
1813	6217	6212	6213	6218	0.2	0.2	0	1	1814	6212	6207	6208	6213	0.2	0.2	0	1
1815	6207	6202	6203	6208	0.2	0.2	0	1	1816	6202	6197	6198	6203	0.2	0.2	0	1
1817	6197	6192	6193	6198	0.2	0.2	0	1	1818	6192	6187	6188	6193	0.2	0.2	0	1
1819	6187	6182	6183	6188	0.2	0.2	0	1	1820	6182	6177	6178	6183	0.2	0.2	0	1
1821	6177	6172	6173	6178	0.2	0.2	0	1	1822	6172	6167	6168	6173	0.2	0.2	0	1
1823	6167	6165	6174	6173	0.2	0.2	0	1	1824	6173	6174	6179	6178	0.2	0.2	0	1
1825	6178	6179	6184	6183	0.2	0.2	0	1	1826	6183	6184	6189	6188	0.2	0.2	0	1
1827	6188	6189	6194	6193	0.2	0.2	0	1	1828	6193	6194	6199	6198	0.2	0.2	0	1
1829	6198	6199	6204	6203	0.2	0.2	0	1	1830	6203	6204	6209	6208	0.2	0.2	0	1
18																	

In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.	In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.
								Ind.									Ind.
1865	674	672	210	149	0.3	0.3	0	1	1866	5745	5747	5403	5406	0.3	0.3	0	1
1867	5406	5403	4980	4987	0.3	0.3	0	1	1868	4987	4980	4690	4693	0.3	0.3	0	1
1869	4693	4690	4413	4417	0.3	0.3	0	1	1870	4417	4413	3773	4136	0.3	0.3	0	1
1871	4136	3773	3545	3548	0.3	0.3	0	1	1872	3548	3545	3248	3252	0.3	0.3	0	1
1873	3252	3248	809	812	0.3	0.3	0	1	1874	812	809	670	672	0.3	0.3	0	1
1875	672	670	271	210	0.3	0.3	0	1	1876	5747	5749	5400	5403	0.3	0.3	0	1
1877	5403	5400	4974	4980	0.3	0.3	0	1	1878	4980	4974	4686	4690	0.3	0.3	0	1
1879	4690	4686	4408	4413	0.3	0.3	0	1	1880	4413	4408	3768	3773	0.3	0.3	0	1
1881	3773	3768	3541	3545	0.3	0.3	0	1	1882	3545	3541	3246	3248	0.3	0.3	0	1
1883	3248	3246	807	809	0.3	0.3	0	1	1884	809	807	667	670	0.3	0.3	0	1
1885	670	667	333	271	0.3	0.3	0	1	1886	5749	5751	5398	5400	0.3	0.3	0	1
1887	5400	5398	4968	4974	0.3	0.3	0	1	1888	4974	4968	4683	4686	0.3	0.3	0	1
1889	4686	4683	4403	4408	0.3	0.3	0	1	1890	4408	4403	3763	3768	0.3	0.3	0	1
1891	3768	3763	3508	3541	0.3	0.3	0	1	1892	3541	3508	3243	3246	0.3	0.3	0	1
1893	3246	3243	803	807	0.3	0.3	0	1	1894	807	803	665	667	0.3	0.3	0	1
1895	667	665	394	333	0.3	0.3	0	1	1896	5751	5753	5387	5398	0.3	0.3	0	1
1897	5398	5387	4956	4968	0.3	0.3	0	1	1898	4968	4956	4670	4683	0.3	0.3	0	1
1899	4683	4670	4392	4403	0.3	0.3	0	1	1900	4403	4392	3751	3763	0.3	0.3	0	1
1901	3763	3751	3489	3508	0.3	0.3	0	1	1902	3508	3489	3243	3246	0.3	0.3	0	1
1903	3243	3243	919	803	0.3	0.3	0	1	1904	803	769	631	665	0.3	0.3	0	1
1905	665	631	455	394	0.3	0.3	0	1	1906	5744	5409	5407	5746	0.3	0.3	0	1
1907	5746	5407	5404	5748	0.3	0.3	0	1	1908	5748	5404	5401	5750	0.3	0.3	0	1
1909	5750	5401	5399	5752	0.3	0.3	0	1	1910	5752	5399	5397	5763	0.3	0.3	0	1
1911	5409	4995	4988	5407	0.3	0.3	0	1	1912	5407	4988	4981	5404	0.3	0.3	0	1
1913	5404	4981	4975	5401	0.3	0.3	0	1	1914	5401	4975	4969	5399	0.3	0.3	0	1
1915	5399	4969	4966	5397	0.3	0.3	0	1	1916	4995	4702	4694	4988	0.3	0.3	0	1
1917	4988	4694	4691	4981	0.3	0.3	0	1	1918	4981	4691	4687	4975	0.3	0.3	0	1
1919	4975	4687	4684	4969	0.3	0.3	0	1	1920	4969	4684	4680	4666	0.3	0.3	0	1
1921	4702	4424	4418	4694	0.3	0.3	0	1	1922	4694	4418	4414	4691	0.3	0.3	0	1
1923	4691	4414	4409	4687	0.3	0.3	0	1	1924	4687	4409	4404	4684	0.3	0.3	0	1
1925	4684	4404	4402	4680	0.3	0.3	0	1	1926	4424	4140	4137	4418	0.3	0.3	0	1
1927	4418	4137	3774	4414	0.3	0.3	0	1	1928	4414	3774	3769	4409	0.3	0.3	0	1
1929	4409	3769	3764	4404	0.3	0.3	0	1	1930	4404	3764	3761	4402	0.3	0.3	0	1
1931	4140	3552	3549	4137	0.3	0.3	0	1	1932	4137	3549	3546	3774	0.3	0.3	0	1
1933	3774	3546	3542	3769	0.3	0.3	0	1	1934	3769	3542	3509	3764	0.3	0.3	0	1
1935	3764	3509	3499	3761	0.3	0.3	0	1	1936	3552	3260	3253	3549	0.3	0.3	0	1
1937	3549	3253	3249	3546	0.3	0.3	0	1	1938	3546	3249	3247	3542	0.3	0.3	0	1
1939	3542	3247	3244	3509	0.3	0.3	0	1	1940	3509	3244	929	3499	0.3	0.3	0	1
1941	3260	815	813	3253	0.3	0.3	0	1	1942	3253	813	810	3249	0.3	0.3	0	1
1943	3249	810	808	3247	0.3	0.3	0	1	1944	3247	808	804	3244	0.3	0.3	0	1
1945	3244	804	779	929	0.3	0.3	0	1	1946	815	675	673	813	0.3	0.3	0	1
1947	813	673	671	810	0.3	0.3	0	1	1948	810	671	668	808	0.3	0.3	0	1
1949	808	668	666	804	0.3	0.3	0	1	1950	804	666	641	779	0.3	0.3	0	1
1951	675	159	220	673	0.3	0.3	0	1	1952	673	220	281	671	0.3	0.3	0	1
1953	671	281	343	668	0.3	0.3	0	1	1954	668	343	404	666	0.3	0.3	0	1
1955	666	404	465	641	0.3	0.3	0	1	1956	929	928	3498	3499	0.3	0.3	0	1
1957	3499	3498	3760	3761	0.3	0.3	0	1	1958	3761	3760	4401	4402	0.3	0.3	0	1
1959	4402	4401	4679	4680	0.3	0.3	0	1	1960	4680	4679	4965	4966	0.3	0.3	0	1
1961	4966	4965	5396	5397	0.3	0.3	0	1	1962	5397	5396	5762	5763	0.3	0.3	0	1
1963	928	927	3497	3498	0.3	0.3	0	1	1964	3498	3497	3759	3760	0.3	0.3	0	1
1965	3760	3759	4400	4401	0.3	0.3	0	1	1966	4401	4400	4678	4679	0.3	0.3	0	1
1967	4679	4678	4964	4965	0.3	0.3	0	1	1968	4965	4964	5395	5396	0.3	0.3	0	1
1969	5396	5395	5761	5762	0.3	0.3	0	1	1970	927	926	3496	3497	0.3	0.3	0	1
1971	3497	3496	3758	3759	0.3	0.3	0	1	1972	3759	3758	4399	4400	0.3	0.3	0	1
1973	4400	4399	4677	4678	0.3	0.3	0	1	1974	4678	4677	4963	4964	0.3	0.3	0	1
1975	4964	4963	5394	5395	0.3	0.3	0	1	1976	5395	5394	5760	5761	0.3	0.3	0	1
1977	926	925	3495	3496	0.3	0.3	0	1	1978	3496	3495	3757	3758	0.3	0.3	0	1
1979	3758	3757	4398	4399	0.3	0.3	0	1	1980	4399	4398	4676	4677	0.3	0.3	0	1
1981	4677	4676	4962	4963	0.3	0.3	0	1	1982	4963	4962	5393	5394	0.3	0.3	0	1
1983	5394	5393	5759	5760	0.3	0.3	0	1	1984	925	924	3494	3495	0.3	0.3	0	1
1985	3495	3494	3756	3757	0.3	0.3	0	1	1986	3757	3756	4397	4398	0.3	0.3	0	1
1987	4398	4397	4675	4676	0.3	0.3	0	1	1988	4676	4675	4961	4962	0.3	0.3	0	1
1989	4962	4961	5392	5393	0.3	0.3	0	1	1990	5393	5392	5758	5759	0.3	0.3	0	1
1991	924	923	3493	3494	0.3	0.3	0	1	1992	3494	3493	3755	3756	0.3	0.3	0	1
1993	3756	3755	4396	4397	0.3	0.3	0	1	1994	4397	4396	4674	4675	0.3	0.3	0	1
1995	4675	4674	4960	4961	0.3	0.3	0	1	1996	4961	4960	5391	5392	0.3	0.3	0	1
1997	5392	5391	5757	5758	0.3	0.3	0	1	1998	923	922	3492	3493	0.3	0.3	0	1
1999	3493	3492	3754	3755	0.3	0.3	0	1	2000	3755	3754	4395	4396	0.3	0.3	0	1
2001	4396	4395	4673	4674	0.3	0.3	0	1	2002	4674	4673	4959	4960	0.3	0.3	0	1
2003	4960	4959	5390	5391	0.3	0.3	0	1	2004	5391	5390	5756	5757	0.3	0.3	0	1
2005	922	921	3491	3492	0.3	0.3	0	1	2006	3492	3491	3753	3754	0.3	0.3	0	1
2007	3754	3753	4394	4395	0.3	0.3	0	1	2008	4395	4394	4672	4673	0.3	0.3	0	1
2009	4673	4672	4958	4959	0.3	0.3	0	1	2010	4959	4958	5389	5390	0.3	0.3	0	1
2011	5390	5389	5755	5756	0.3	0.3	0	1	2012	921	920	3490	3491	0.3	0.3	0	1
2013	3491	3490	3752	3753	0.3	0.3	0	1	2014	3753	3752	4393	4394	0.3	0.3	0	1
2015	4394	4393	4671	4672	0.3	0.3	0	1	2016	4672	4671	4957	4958	0.3	0.3	0	1
2017	4958	4957	5388	5389	0.3	0.3	0	1	2018	5389	5388	5754	5755	0.3	0.3	0	1
2019	920	919	3489	3490	0.3	0.3	0	1	2020	3490	3489	3751	3752	0.3	0.3	0	1
2021	3752	3751	4392	4393	0.3	0.3	0	1	2022	4393	4392	4670	4671	0.3	0.3	0	1
2023	4671	4670	4956	4957	0.3	0.3	0	1	2024	4957	4956	5387	5388	0.3	0.3	0	1
2025	5388	5387	5753	5754	0.3	0.3	0	1	2026	6162	6161	6153	6154	0.2			

Vano di equalizzazione e sedimentazione meccanica

In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.	In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.
								Ind.									Ind.
2059	5767	6059	6053	5765	0.3	0.3	0	1	2060	5765	6053	6037	5737	0.3	0.3	0	1
2061	6071	6342	6346	6059	0.3	0.3	0	1	2062	6059	6346	6351	6053	0.3	0.3	0	1
2063	6053	6351	6385	6037	0.3	0.3	0	1	2064	5821	5437	5647	5647	0.3	0.3	0	1
2065	5821	5647		5776	0.3	0.3	0	1	2066	5776	6065	5821	5821	0.3	0.3	0	1
2067	6337	5821		6065	0.3	0.3	0	1	2068	6342	6071	6070	6341	0.3	0.3	0	1
2069	6341	6070	6069	6340	0.3	0.3	0	1	2070	6340	6069	6068	6339	0.3	0.3	0	1
2071	6339	6068	6067	6338	0.3	0.3	0	1	2072	6071	5783	5782	6070	0.3	0.3	0	1
2073	6070	5782	5781	6069	0.3	0.3	0	1	2074	6069	5781	5780	6068	0.3	0.3	0	1
2075	6068	5780	5779	6067	0.3	0.3	0	1	2076	5783	5445	5444	5782	0.3	0.3	0	1
2077	6067	5779	5778	6066	0.3	0.3	0	1	2078	6338	6067	6066	6337	0.3	0.3	0	1
2079	5821	6337	6066	5768	0.3	0.3	0	1	2080	6066	5778	5439	5768	0.3	0.3	0	1
2081	5439	5437	5821	5768	0.3	0.3	0	1	2082	6065	5776	5775	6064	0.3	0.3	0	1
2083	6337	6065	6064	6336	0.3	0.3	0	1	2084	5775	5774	6063	6064	0.3	0.3	0	1
2085	6064	6063	6335	6336	0.3	0.3	0	1	2086	5774	5773	6062	6063	0.3	0.3	0	1
2087	6063	6062	6334	6335	0.3	0.3	0	1	2088	5773	5772	6061	6062	0.3	0.3	0	1
2089	6062	6061	6333	6334	0.3	0.3	0	1	2090	5772	5771	6060	6061	0.3	0.3	0	1
2091	6061	6060	6332	6333	0.3	0.3	0	1	2092	5772	5433	5432	5771	0.3	0.3	0	1
2093	2968	3444	3447	2907	0.5	0.5	0	1	2094	2907	3447	3448	2846	0.5	0.5	0	1
2095	2846	3448	3450	2785	0.5	0.5	0	1	2096	2785	3450	3451	2724	0.5	0.5	0	1
2097	2724	3451	3452	2663	0.5	0.5	0	1	2098	2663	3452	3453	2602	0.5	0.5	0	1
2099	2602	3453	3454	2541	0.5	0.5	0	1	2100	2541	3454	3457	2480	0.5	0.5	0	1
2101	2480	3457	3458	2419	0.5	0.5	0	1	2102	2419	3458	3459	2358	0.5	0.5	0	1
2103	2358	3459	3461	2297	0.5	0.5	0	1	2104	2297	3461	3462	2236	0.5	0.5	0	1
2105	2236	3462	3463	2175	0.5	0.5	0	1	2106	2175	3463	3464	2114	0.5	0.5	0	1
2107	2114	3464	3465	2052	0.5	0.5	0	1	2108	2052	3465	3466	1991	0.5	0.5	0	1
2109	1991	3466	3468	1930	0.5	0.5	0	1	2110	1930	3468	3469	1869	0.5	0.5	0	1
2111	1869	3469	3470	1808	0.5	0.5	0	1	2112	1808	3470	3473	1747	0.5	0.5	0	1
2113	1747	3473	3474	1686	0.5	0.5	0	1	2114	1686	3474	3475	1625	0.5	0.5	0	1
2115	1625	3475	3476	1564	0.5	0.5	0	1	2116	1564	3476	3477	1503	0.5	0.5	0	1
2117	1503	3477	3479	1442	0.5	0.5	0	1	2118	1442	3479	3480	1381	0.5	0.5	0	1
2119	1381	3480	3481	1320	0.5	0.5	0	1	2120	1320	3481	3482	1259	0.5	0.5	0	1
2121	1259	3482	3483	1198	0.5	0.5	0	1	2122	1198	3483	3485	1137	0.5	0.5	0	1
2123	1137	3485	3486	1076	0.5	0.5	0	1	2124	1076	3486	3488	1015	0.5	0.5	0	1
2125	1015	3488	3494	924	0.5	0.5	0	1	2126	3444	3712	3713	3447	0.5	0.5	0	1
2127	3447	3713	3714	3448	0.5	0.5	0	1	2128	3448	3714	3715	3450	0.5	0.5	0	1
2129	3450	3715	3716	3451	0.5	0.5	0	1	2130	3451	3716	3719	3452	0.5	0.5	0	1
2131	3452	3719	3720	3453	0.5	0.5	0	1	2132	3453	3720	3721	3454	0.5	0.5	0	1
2133	3454	3721	3722	3457	0.5	0.5	0	1	2134	3457	3722	3723	3458	0.5	0.5	0	1
2135	3458	3723	3725	3459	0.5	0.5	0	1	2136	3459	3725	3726	3461	0.5	0.5	0	1
2137	3461	3726	3727	3462	0.5	0.5	0	1	2138	3462	3727	3728	3463	0.5	0.5	0	1
2139	3463	3728	3729	3464	0.5	0.5	0	1	2140	3464	3729	3730	3465	0.5	0.5	0	1
2141	3465	3730	3731	3466	0.5	0.5	0	1	2142	3466	3731	3734	3468	0.5	0.5	0	1
2143	3468	3734	3735	3469	0.5	0.5	0	1	2144	3469	3735	3736	3470	0.5	0.5	0	1
2145	3470	3736	3737	3473	0.5	0.5	0	1	2146	3473	3737	3738	3474	0.5	0.5	0	1
2147	3474	3738	3740	3475	0.5	0.5	0	1	2148	3475	3740	3741	3476	0.5	0.5	0	1
2149	3476	3741	3742	3477	0.5	0.5	0	1	2150	3477	3742	3743	3479	0.5	0.5	0	1
2151	3479	3743	3744	3480	0.5	0.5	0	1	2152	3480	3744	3745	3481	0.5	0.5	0	1
2153	3481	3745	3746	3482	0.5	0.5	0	1	2154	3482	3746	3747	3483	0.5	0.5	0	1
2155	3483	3747	3748	3485	0.5	0.5	0	1	2156	3485	3748	3749	3486	0.5	0.5	0	1
2157	3486	3749	3750	3488	0.5	0.5	0	1	2158	3488	3750	3756	3494	0.5	0.5	0	1
2159	3712	4296	4297	3713	0.5	0.5	0	1	2160	3713	4297	4298	3714	0.5	0.5	0	1
2161	3714	4298	4299	3715	0.5	0.5	0	1	2162	3715	4299	4300	3716	0.5	0.5	0	1
2163	3716	4300	4303	3719	0.5	0.5	0	1	2164	3719	4303	4304	3720	0.5	0.5	0	1
2165	3720	4304	4306	3721	0.5	0.5	0	1	2166	3721	4306	4307	3722	0.5	0.5	0	1
2167	3722	4307	4308	3723	0.5	0.5	0	1	2168	3723	4308	4309	3725	0.5	0.5	0	1
2169	3725	4309	4310	3726	0.5	0.5	0	1	2170	3726	4310	4311	3727	0.5	0.5	0	1
2171	3727	4311	4314	3728	0.5	0.5	0	1	2172	3728	4314	4316	3729	0.5	0.5	0	1
2173	3729	4316	4317	3730	0.5	0.5	0	1	2174	3730	4317	4322	3731	0.5	0.5	0	1
2175	3731	4322	4325	3734	0.5	0.5	0	1	2176	3734	4325	4328	3735	0.5	0.5	0	1
2177	3735	4328	4331	3736	0.5	0.5	0	1	2178	3736	4331	4336	3737	0.5	0.5	0	1
2179	3737	4336	4339	3738	0.5	0.5	0	1	2180	3738	4339	4344	3740	0.5	0.5	0	1
2181	3740	4344	4353	3741	0.5	0.5	0	1	2182	3741	4353	4355	3742	0.5	0.5	0	1
2183	3742	4355	4356	3743	0.5	0.5	0	1	2184	3743	4356	4357	3744	0.5	0.5	0	1
2185	3744	4357	4358	3745	0.5	0.5	0	1	2186	3745	4358	4359	3746	0.5	0.5	0	1
2187	3746	4359	4370	3747	0.5	0.5	0	1	2188	3747	4370	4377	3748	0.5	0.5	0	1
2189	3748	4377	4386	3749	0.5	0.5	0	1	2190	3749	4386	4391	3750	0.5	0.5	0	1
2191	3750	4391	4397	3756	0.5	0.5	0	1	2192	4296	4576	4579	4297	0.5	0.5	0	1
2193	4297	4579	4584	4298	0.5	0.5	0	1	2194	4298	4584	4587	4299	0.5	0.5	0	1
2195	4299	4587	4589	4300	0.5	0.5	0	1	2196	4300	4589	4592	4303	0.5	0.5	0	1
2197	4303	4592	4595	4304	0.5	0.5	0	1	2198	4304	4595	4598	4306	0.5	0.5	0	1
2199	4306	4598	4602	4307	0.5	0.5	0	1	2200	4307	4602	4605	4308	0.5	0.5	0	1
2201	4308	4605	4606	4309	0.5	0.5	0	1	2202	4309	4606	4611	4310	0.5	0.5	0	1
2203	4310	4611	4614	4311	0.5	0.5	0	1	2204	4311	4614	4622	4314	0.5	0.5	0	1
2205	4314	4622	4623	4316	0.5	0.5	0	1	2206	4316	4623	4624	4317	0.5	0.5	0	1
2207	4317	4624	4625	4322	0.5	0.5	0	1	2208	4322	4625	4626	4325	0.5	0.5	0	1
2209	4325	4626	4627	4328	0.5	0.5	0	1	2210	4328	4627	4628	4331	0.5	0.5	0	1
2211	4331	4628	4629	4336	0.5	0.5	0	1	2212	4336	4629	4634	4339	0.5	0.5	0	1
2213	4339	4634	4641	4344	0.5	0.5	0	1	2214	4344	4641	4646	4353	0.5	0.5	0	1
2215	4353	4646	4651	4355	0.5	0.5	0	1	2216	4355	4651	4658	4356	0.5	0.5	0	1
2217	4356	4658	4663	4357	0.5	0.5	0	1	2218	4357	4663	4664	4358	0.5	0.5	0	1
2219	4358																

In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.	In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.
								Ind.									Ind.
2253	4665	4943	4944	4666	0.5	0.5	0	1	2254	4666	4944	4945	4667	0.5	0.5	0	1
2255	4667	4945	4946	4668	0.5	0.5	0	1	2256	4668	4946	4949	4669	0.5	0.5	0	1
2257	4669	4949	4951	4675	0.5	0.5	0	1	2258	4866	5154	5168	4871	0.5	0.5	0	1
2259	4871	5168	5169	4875	0.5	0.5	0	1	2260	4875	5169	5170	4878	0.5	0.5	0	1
2261	4878	5170	5171	4882	0.5	0.5	0	1	2262	4882	5171	5172	4885	0.5	0.5	0	1
2263	4885	5172	5173	4893	0.5	0.5	0	1	2264	4893	5173	5174	4894	0.5	0.5	0	1
2265	4894	5174	5175	4895	0.5	0.5	0	1	2266	4895	5175	5176	4896	0.5	0.5	0	1
2267	4896	5176	5177	4897	0.5	0.5	0	1	2268	4897	5177	5178	4898	0.5	0.5	0	1
2269	4898	5178	5183	4899	0.5	0.5	0	1	2270	4899	5183	5184	4900	0.5	0.5	0	1
2271	4900	5184	5187	4901	0.5	0.5	0	1	2272	4901	5187	5192	4902	0.5	0.5	0	1
2273	4902	5192	5195	4907	0.5	0.5	0	1	2274	4907	5195	5200	4910	0.5	0.5	0	1
2275	4910	5200	5203	4915	0.5	0.5	0	1	2276	4915	5203	5208	4918	0.5	0.5	0	1
2277	4918	5208	5211	4925	0.5	0.5	0	1	2278	4925	5211	5216	4928	0.5	0.5	0	1
2279	4928	5216	5217	4933	0.5	0.5	0	1	2280	4933	5217	5218	4938	0.5	0.5	0	1
2281	4938	5218	5219	4939	0.5	0.5	0	1	2282	4939	5219	5220	4940	0.5	0.5	0	1
2283	4940	5220	5221	4941	0.5	0.5	0	1	2284	4941	5221	5222	4942	0.5	0.5	0	1
2285	4942	5222	5227	4943	0.5	0.5	0	1	2286	4943	5227	5228	4944	0.5	0.5	0	1
2287	4944	5228	5231	4945	0.5	0.5	0	1	2288	4945	5231	5243	4946	0.5	0.5	0	1
2289	4946	5243	5349	4949	0.5	0.5	0	1	2290	4949	5349	5392	4961	0.5	0.5	0	1
2291	5154	5438	5488	5168	0.5	0.5	0	1	2292	5168	5488	5489	5169	0.5	0.5	0	1
2293	5169	5489	5490	5170	0.5	0.5	0	1	2294	5170	5490	5491	5171	0.5	0.5	0	1
2295	5171	5491	5492	5172	0.5	0.5	0	1	2296	5172	5492	5493	5173	0.5	0.5	0	1
2297	5173	5493	5498	5174	0.5	0.5	0	1	2298	5174	5498	5499	5175	0.5	0.5	0	1
2299	5175	5499	5500	5176	0.5	0.5	0	1	2300	5176	5500	5501	5177	0.5	0.5	0	1
2301	5177	5501	5504	5178	0.5	0.5	0	1	2302	5178	5504	5507	5183	0.5	0.5	0	1
2303	5183	5507	5510	5184	0.5	0.5	0	1	2304	5184	5510	5511	5187	0.5	0.5	0	1
2305	5187	5511	5516	5192	0.5	0.5	0	1	2306	5192	5516	5523	5195	0.5	0.5	0	1
2307	5195	5523	5526	5200	0.5	0.5	0	1	2308	5200	5526	5533	5203	0.5	0.5	0	1
2309	5203	5533	5536	5208	0.5	0.5	0	1	2310	5208	5536	5539	5211	0.5	0.5	0	1
2311	5211	5539	5540	5216	0.5	0.5	0	1	2312	5216	5540	5541	5217	0.5	0.5	0	1
2313	5217	5541	5544	5218	0.5	0.5	0	1	2314	5218	5544	5547	5219	0.5	0.5	0	1
2315	5219	5547	5548	5220	0.5	0.5	0	1	2316	5220	5548	5549	5221	0.5	0.5	0	1
2317	5221	5549	5554	5222	0.5	0.5	0	1	2318	5222	5554	5557	5227	0.5	0.5	0	1
2319	5227	5557	5566	5228	0.5	0.5	0	1	2320	5228	5566	5667	5231	0.5	0.5	0	1
2321	5231	5667	5685	5243	0.5	0.5	0	1	2322	5243	5685	5704	5349	0.5	0.5	0	1
2323	5349	5704	5758	5392	0.5	0.5	0	1	2324	5438	5777	5808	5488	0.5	0.5	0	1
2325	5488	5808	5809	5489	0.5	0.5	0	1	2326	5489	5809	5810	5490	0.5	0.5	0	1
2327	5490	5810	5811	5491	0.5	0.5	0	1	2328	5491	5811	5812	5492	0.5	0.5	0	1
2329	5492	5812	5815	5493	0.5	0.5	0	1	2330	5493	5815	5818	5498	0.5	0.5	0	1
2331	5498	5818	5819	5499	0.5	0.5	0	1	2332	5499	5819	5820	5500	0.5	0.5	0	1
2333	5500	5820	5822	5501	0.5	0.5	0	1	2334	5501	5822	5825	5504	0.5	0.5	0	1
2335	5504	5825	5826	5507	0.5	0.5	0	1	2336	5507	5826	5827	5510	0.5	0.5	0	1
2337	5510	5827	5832	5511	0.5	0.5	0	1	2338	5511	5832	5837	5516	0.5	0.5	0	1
2339	5516	5837	5842	5523	0.5	0.5	0	1	2340	5523	5842	5847	5526	0.5	0.5	0	1
2341	5526	5847	5850	5533	0.5	0.5	0	1	2342	5533	5850	5853	5536	0.5	0.5	0	1
2343	5536	5853	5856	5539	0.5	0.5	0	1	2344	5539	5856	5857	5540	0.5	0.5	0	1
2345	5540	5857	5858	5541	0.5	0.5	0	1	2346	5541	5858	5861	5544	0.5	0.5	0	1
2347	5544	5861	5862	5547	0.5	0.5	0	1	2348	5547	5862	5865	5548	0.5	0.5	0	1
2349	5548	5865	5870	5549	0.5	0.5	0	1	2350	5549	5870	5878	5554	0.5	0.5	0	1
2351	5554	5878	5883	5557	0.5	0.5	0	1	2352	5557	5883	5981	5566	0.5	0.5	0	1
2353	5566	5981	5990	5667	0.5	0.5	0	1	2354	5667	5990	6004	5685	0.5	0.5	0	1
2355	5685	6004	6019	5704	0.5	0.5	0	1	2356	5704	6019	6047	5758	0.5	0.5	0	1
2357	5777	6337	6328	5808	0.5	0.5	0	1	2358	5808	6328	6323	5809	0.5	0.5	0	1
2359	5809	6323	6318	5810	0.5	0.5	0	1	2360	5810	6318	6313	5811	0.5	0.5	0	1
2361	5811	6313	6308	5812	0.5	0.5	0	1	2362	5812	6308	6303	5815	0.5	0.5	0	1
2363	5815	6303	6298	5818	0.5	0.5	0	1	2364	5818	6298	6293	5819	0.5	0.5	0	1
2365	5819	6293	6288	5820	0.5	0.5	0	1	2366	5820	6288	6283	5822	0.5	0.5	0	1
2367	5822	6283	6278	5825	0.5	0.5	0	1	2368	5825	6278	6273	5826	0.5	0.5	0	1
2369	5826	6273	6268	5827	0.5	0.5	0	1	2370	5827	6268	6263	5832	0.5	0.5	0	1
2371	5832	6263	6258	5837	0.5	0.5	0	1	2372	5837	6258	6253	5842	0.5	0.5	0	1
2373	5842	6253	6248	5847	0.5	0.5	0	1	2374	5847	6248	6243	5850	0.5	0.5	0	1
2375	5850	6243	6238	5853	0.5	0.5	0	1	2376	5853	6238	6233	5856	0.5	0.5	0	1
2377	5856	6233	6228	5857	0.5	0.5	0	1	2378	5857	6228	6223	5858	0.5	0.5	0	1
2379	5858	6223	6218	5861	0.5	0.5	0	1	2380	5861	6218	6213	5862	0.5	0.5	0	1
2381	5862	6213	6208	5865	0.5	0.5	0	1	2382	5865	6208	6203	5870	0.5	0.5	0	1
2383	5870	6203	6198	5878	0.5	0.5	0	1	2384	5878	6198	6193	5883	0.5	0.5	0	1
2385	5883	6193	6188	5981	0.5	0.5	0	1	2386	5981	6188	6183	5990	0.5	0.5	0	1
2387	5990	6183	6178	6004	0.5	0.5	0	1	2388	6004	6178	6173	6019	0.5	0.5	0	1
2389	6019	6173	6164	6047	0.5	0.5	0	1	2390	5784	5519	5521	5786	0.4	0.4	0	1
2391	5519	5223	5225	5521	0.4	0.4	0	1	2392	5223	5088	5091	5225	0.4	0.4	0	1
2393	5088	4856	4858	5091	0.4	0.4	0	1	2394	4856	4580	4582	4858	0.4	0.4	0	1
2395	4580	4318	4320	4582	0.4	0.4	0	1	2396	4318	3778	3806	4320	0.4	0.4	0	1
2397	5784	5786	6424	6367	0.4	0.4	0	1	2398	5786	5788	6455	6424	0.4	0.4	0	1
2399	5788	5790	6489	6455	0.4	0.4	0	1	2400	5790	5792	6524	6489	0.4	0.4	0	1
2401	5792	5794	6560	6524	0.4	0.4	0	1	2402	5794	5796	6594	6560	0.4	0.4	0	1
2403	5796	5798	6622	6594	0.4	0.4	0	1	2404	6622	5798	5816	6649	0.4	0.4	0	1
2405	6649	5816	5830	6678	0.4	0.4	0	1	2406	6678	5830	5845	6705	0.4	0.4	0	1
2407	6705	5845	5854	6728	0.4	0.4	0	1	2408	5798	5494	5505	5816	0.4	0.4	0	1
2409	5816	5505	5514	5830	0.4	0.4	0	1	2410	5830	5514	5529	5845	0.4	0.4	0	1
2411	5845	5529	5537	5854	0.4	0.4	0	1	2412	5494	5179	5188	5505	0.4	0.4	0	1
2413																	

Vano di equalizzazione e sedimentazione meccanica

In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.	In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.
								Ind.									Ind.
2447	5189	4914	4904	5180	0.4	0.4	0	1	2448	4937	4662	4655	4930	0.4	0.4	0	1
2449	4930	4655	4648	4922	0.4	0.4	0	1	2450	4922	4648	4640	4914	0.4	0.4	0	1
2451	4914	4640	4631	4904	0.4	0.4	0	1	2452	4662	4390	4383	4655	0.4	0.4	0	1
2453	4655	4383	4376	4648	0.4	0.4	0	1	2454	4648	4376	4369	4640	0.4	0.4	0	1
2455	4640	4369	4361	4631	0.4	0.4	0	1	2456	4390	4101	4071	4383	0.4	0.4	0	1
2457	4383	4071	4050	4376	0.4	0.4	0	1	2458	4376	4050	4022	4369	0.4	0.4	0	1
2459	4369	4022	3998	4361	0.4	0.4	0	1	2460	5799	5797	6593	6623	0.4	0.4	0	1
2461	5797	5795	6557	6593	0.4	0.4	0	1	2462	5795	5793	6519	6557	0.4	0.4	0	1
2463	5793	5791	6484	6519	0.4	0.4	0	1	2464	5789	5787	6426	6454	0.4	0.4	0	1
2465	5791	5789	6454	6484	0.4	0.4	0	1	2466	5787	5522	5520	5785	0.4	0.4	0	1
2467	5522	5226	5224	5520	0.4	0.4	0	1	2468	5226	5092	5089	5224	0.4	0.4	0	1
2469	5092	4859	4857	5089	0.4	0.4	0	1	2470	4859	4583	4581	4857	0.4	0.4	0	1
2471	4583	4321	4319	4581	0.4	0.4	0	1	2472	4321	3807	3804	4319	0.4	0.4	0	1
2473	6426	5787	5785	6393	0.4	0.4	0	1	2474	6728	5854	5851	6729	0.4	0.4	0	1
2475	6729	5851	5848	6730	0.4	0.4	0	1	2476	6730	5848	5843	6731	0.4	0.4	0	1
2477	6731	5843	5840	6732	0.4	0.4	0	1	2478	6732	5840	5835	6733	0.4	0.4	0	1
2479	6733	5835	5828	6734	0.4	0.4	0	1	2480	6734	5828	5823	6735	0.4	0.4	0	1
2481	6735	5823	5813	6736	0.4	0.4	0	1	2482	6736	5813	5800	6737	0.4	0.4	0	1
2483	5854	5537	5534	5851	0.4	0.4	0	1	2484	5851	5534	5531	5848	0.4	0.4	0	1
2485	5848	5531	5527	5843	0.4	0.4	0	1	2486	5843	5527	5524	5840	0.4	0.4	0	1
2487	5840	5524	5517	5835	0.4	0.4	0	1	2488	5835	5517	5512	5828	0.4	0.4	0	1
2489	5828	5512	5508	5823	0.4	0.4	0	1	2490	5823	5508	5502	5813	0.4	0.4	0	1
2491	5813	5502	5496	5800	0.4	0.4	0	1	2492	5537	5214	5212	5534	0.4	0.4	0	1
2493	5534	5212	5209	5531	0.4	0.4	0	1	2494	5531	5209	5204	5527	0.4	0.4	0	1
2495	5527	5204	5201	5524	0.4	0.4	0	1	2496	5524	5201	5196	5517	0.4	0.4	0	1
2497	5517	5196	5193	5512	0.4	0.4	0	1	2498	5512	5193	5190	5508	0.4	0.4	0	1
2499	5508	5190	5185	5502	0.4	0.4	0	1	2500	5502	5185	5181	5496	0.4	0.4	0	1
2501	5214	4936	4934	5212	0.4	0.4	0	1	2502	5212	4934	4931	5209	0.4	0.4	0	1
2503	5209	4931	4926	5204	0.4	0.4	0	1	2504	5204	4926	4923	5201	0.4	0.4	0	1
2505	5201	4923	4919	5196	0.4	0.4	0	1	2506	5196	4919	4916	5193	0.4	0.4	0	1
2507	5193	4916	4911	5190	0.4	0.4	0	1	2508	5190	4911	4908	5185	0.4	0.4	0	1
2509	5185	4908	4905	5181	0.4	0.4	0	1	2510	4936	4661	4659	4934	0.4	0.4	0	1
2511	4934	4659	4656	4931	0.4	0.4	0	1	2512	4931	4656	4652	4926	0.4	0.4	0	1
2513	4926	4652	4649	4923	0.4	0.4	0	1	2514	4923	4649	4644	4919	0.4	0.4	0	1
2515	4919	4644	4642	4916	0.4	0.4	0	1	2516	4916	4642	4637	4911	0.4	0.4	0	1
2517	4911	4637	4635	4908	0.4	0.4	0	1	2518	4908	4635	4632	4905	0.4	0.4	0	1
2519	4661	4389	4387	4659	0.4	0.4	0	1	2520	4659	4387	4384	4656	0.4	0.4	0	1
2521	4656	4384	4380	4652	0.4	0.4	0	1	2522	4652	4380	4378	4649	0.4	0.4	0	1
2523	4649	4378	4373	4644	0.4	0.4	0	1	2524	4644	4373	4371	4642	0.4	0.4	0	1
2525	4642	4371	4366	4637	0.4	0.4	0	1	2526	4637	4366	4364	4635	0.4	0.4	0	1
2527	4635	4364	4362	4632	0.4	0.4	0	1	2528	4389	4082	4083	4387	0.4	0.4	0	1
2529	4387	4083	4084	4384	0.4	0.4	0	1	2530	4384	4084	4085	4380	0.4	0.4	0	1
2531	4380	4085	4086	4378	0.4	0.4	0	1	2532	4378	4086	4087	4373	0.4	0.4	0	1
2533	4373	4087	4088	4371	0.4	0.4	0	1	2534	4371	4088	4089	4366	0.4	0.4	0	1
2535	4366	4089	4090	4364	0.4	0.4	0	1	2536	4364	4090	4091	4362	0.4	0.4	0	1
2537	5800	5801	6738	6737	0.4	0.4	0	1	2538	5801	5802	6739	6738	0.4	0.4	0	1
2539	5802	5803	6740	6739	0.4	0.4	0	1	2540	5803	5804	6741	6740	0.4	0.4	0	1
2541	5804	5805	6742	6741	0.4	0.4	0	1	2542	5805	5806	6743	6742	0.4	0.4	0	1
2543	6743	5806	5814	6744	0.4	0.4	0	1	2544	6744	5814	5824	6745	0.4	0.4	0	1
2545	6745	5824	5829	6746	0.4	0.4	0	1	2546	6746	5829	5836	6747	0.4	0.4	0	1
2547	6747	5836	5841	6748	0.4	0.4	0	1	2548	6748	5841	5844	6749	0.4	0.4	0	1
2549	6749	5844	5849	6750	0.4	0.4	0	1	2550	6750	5849	5852	6751	0.4	0.4	0	1
2551	6751	5852	5855	6752	0.4	0.4	0	1	2552	5806	5497	5503	5814	0.4	0.4	0	1
2553	5814	5503	5509	5824	0.4	0.4	0	1	2554	5824	5509	5513	5829	0.4	0.4	0	1
2555	5829	5513	5518	5836	0.4	0.4	0	1	2556	5836	5518	5525	5841	0.4	0.4	0	1
2557	5841	5525	5528	5844	0.4	0.4	0	1	2558	5844	5528	5532	5849	0.4	0.4	0	1
2559	5849	5532	5535	5852	0.4	0.4	0	1	2560	5852	5535	5538	5855	0.4	0.4	0	1
2561	5497	5182	5186	5503	0.4	0.4	0	1	2562	5503	5186	5191	5509	0.4	0.4	0	1
2563	5509	5191	5194	5513	0.4	0.4	0	1	2564	5513	5194	5197	5518	0.4	0.4	0	1
2565	5518	5197	5202	5525	0.4	0.4	0	1	2566	5525	5202	5205	5528	0.4	0.4	0	1
2567	5528	5205	5210	5532	0.4	0.4	0	1	2568	5532	5210	5213	5535	0.4	0.4	0	1
2569	5535	5213	5215	5538	0.4	0.4	0	1	2570	5182	4906	4909	5186	0.4	0.4	0	1
2571	5186	4909	4912	5191	0.4	0.4	0	1	2572	5191	4912	4917	5194	0.4	0.4	0	1
2573	5194	4917	4920	5197	0.4	0.4	0	1	2574	5197	4920	4924	5202	0.4	0.4	0	1
2575	5202	4924	4927	5205	0.4	0.4	0	1	2576	5205	4927	4932	5210	0.4	0.4	0	1
2577	5210	4932	4935	5213	0.4	0.4	0	1	2578	5213	4935	4937	5215	0.4	0.4	0	1
2579	4906	4633	4636	4909	0.4	0.4	0	1	2580	4909	4636	4638	4912	0.4	0.4	0	1
2581	4912	4638	4643	4917	0.4	0.4	0	1	2582	4917	4643	4645	4920	0.4	0.4	0	1
2583	4920	4645	4650	4924	0.4	0.4	0	1	2584	4924	4650	4653	4927	0.4	0.4	0	1
2585	4927	4653	4657	4932	0.4	0.4	0	1	2586	4932	4657	4660	4935	0.4	0.4	0	1
2587	4935	4660	4662	4937	0.4	0.4	0	1	2588	4633	4363	4365	4636	0.4	0.4	0	1
2589	4636	4365	4367	4638	0.4	0.4	0	1	2590	4638	4367	4372	4643	0.4	0.4	0	1
2591	4643	4372	4374	4645	0.4	0.4	0	1	2592	4645	4374	4379	4650	0.4	0.4	0	1
2593	4650	4379	4381	4653	0.4	0.4	0	1	2594	4653	4381	4385	4657	0.4	0.4	0	1
2595	4657	4385	4388	4660	0.4	0.4	0	1	2596	4660	4388	4390	4662	0.4	0.4	0	1
2597	4363	4092	4093	4365	0.4	0.4	0	1	2598	4365	4093	4094	4367	0.4	0.4	0	1
2599	4367	4094	4095	4372	0.4	0.4	0	1	2600	4372	4095	4096	4374	0.4	0.4	0	1
2601	4374	4096	4097	4379	0.4	0.4	0	1	2602	4379	4097	4098	4381	0.4	0.4	0	1
2603	4381	4098	4099	4385	0.4	0.4	0	1	2604	4385	4099	4100	4388	0.4	0.4	0	1
2605	4388	4100	4101	4390	0.4	0.4	0	1	2606	6454	6484	6486	6457				

In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.	In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.
								Ind.									Ind.
2641	6622	6594	6592	6621	0.3	0.3	0	1	2642	6594	6560	6559	6592	0.3	0.3	0	1
2643	6560	6524	6523	6559	0.3	0.3	0	1	2644	6524	6489	6492	6523	0.3	0.3	0	1
2645	6489	6455	6460	6492	0.3	0.3	0	1	2646	6455	6424	6429	6460	0.3	0.3	0	1
2647	6367	6368	6429	6424	0.3	0.3	0	1	2648	6368	6369	6415	6429	0.3	0.3	0	1
2649	6369	6370	6413	6415	0.3	0.3	0	1	2650	6370	6371	6414	6413	0.3	0.3	0	1
2651	6371	6372	6430	6414	0.3	0.3	0	1	2652	6372	6373	6433	6430	0.3	0.3	0	1
2653	6374	6432	6433	6373	0.3	0.3	0	1	2654	6469	6468	6433	6432	0.3	0.3	0	1
2655	6468	6466	6430	6433	0.3	0.3	0	1	2656	6468	6509	6498	6466	0.3	0.3	0	1
2657	6509	6536	6531	6498	0.3	0.3	0	1	2658	6509	6510	6534	6536	0.3	0.3	0	1
2659	6510	6495	6527	6534	0.3	0.3	0	1	2660	6510	6469	6463	6495	0.3	0.3	0	1
2661	6469	6432	6428	6463	0.3	0.3	0	1	2662	6374	6375	6428	6432	0.3	0.3	0	1
2663	6375	6376	6423	6428	0.3	0.3	0	1	2664	6376	6377	6421	6423	0.3	0.3	0	1
2665	6377	6378	6420	6421	0.3	0.3	0	1	2666	6378	6379	6418	6420	0.3	0.3	0	1
2667	6379	6380	6416	6418	0.3	0.3	0	1	2668	6380	6381	6417	6416	0.3	0.3	0	1
2669	6381	6382	6419	6417	0.3	0.3	0	1	2670	6382	6383	6422	6419	0.3	0.3	0	1
2671	6383	6384	6425	6422	0.3	0.3	0	1	2672	6384	6385	6431	6425	0.3	0.3	0	1
2673	6386	6434	6431	6385	0.3	0.3	0	1	2674	6434	6470	6464	6431	0.3	0.3	0	1
2675	6470	6511	6496	6464	0.3	0.3	0	1	2676	6511	6533	6526	6496	0.3	0.3	0	1
2677	6511	6512	6535	6533	0.3	0.3	0	1	2678	6512	6502	6532	6535	0.3	0.3	0	1
2679	6512	6471	6473	6502	0.3	0.3	0	1	2680	6471	6435	6445	6473	0.3	0.3	0	1
2681	6470	6434	6435	6471	0.3	0.3	0	1	2682	6386	6387	6435	6434	0.3	0.3	0	1
2683	6387	6388	6412	6435	0.3	0.3	0	1	2684	6388	6389	6410	6412	0.3	0.3	0	1
2685	6389	6390	6409	6410	0.3	0.3	0	1	2686	6390	6391	6411	6409	0.3	0.3	0	1
2687	6391	6392	6427	6411	0.3	0.3	0	1	2688	6393	6426	6427	6392	0.3	0.3	0	1
2689	6426	6454	6457	6427	0.3	0.3	0	1	2690	6437	6453	6445	6436	0.3	0.3	0	1
2691	6445	6435	6412	6436	0.3	0.3	0	1	2692	6412	6410	6437	6436	0.3	0.3	0	1
2693	6453	6477	6473	6445	0.3	0.3	0	1	2694	6482	6477	6453	6459	0.3	0.3	0	1
2695	6459	6453	6437	6438	0.3	0.3	0	1	2696	6438	6437	6410	6409	0.3	0.3	0	1
2697	6439	6411	6427	6440	0.3	0.3	0	1	2698	6427	6457	6461	6440	0.3	0.3	0	1
2699	6461	6462	6439	6440	0.3	0.3	0	1	2700	6439	6462	6459	6438	0.3	0.3	0	1
2701	6438	6409	6411	6439	0.3	0.3	0	1	2702	6457	6486	6487	6461	0.3	0.3	0	1
2703	6461	6487	6483	6462	0.3	0.3	0	1	2704	6462	6483	6482	6459	0.3	0.3	0	1
2705	6502	6473	6477	6501	0.3	0.3	0	1	2706	6501	6477	6482	6508	0.3	0.3	0	1
2707	6508	6482	6483	6516	0.3	0.3	0	1	2708	6516	6483	6487	6517	0.3	0.3	0	1
2709	6517	6487	6486	6518	0.3	0.3	0	1	2710	6516	6517	6550	6547	0.3	0.3	0	1
2711	6517	6518	6553	6550	0.3	0.3	0	1	2712	6547	6550	6590	6584	0.3	0.3	0	1
2713	6550	6553	6591	6590	0.3	0.3	0	1	2714	6547	6584	6582	6544	0.3	0.3	0	1
2715	6544	6508	6516	6547	0.3	0.3	0	1	2716	6564	6535	6532	6558	0.3	0.3	0	1
2717	6558	6586	6588	6564	0.3	0.3	0	1	2718	6501	6508	6544	6529	0.3	0.3	0	1
2719	6544	6558	6532	6529	0.3	0.3	0	1	2720	6532	6502	6501	6529	0.3	0.3	0	1
2721	6544	6582	6586	6558	0.3	0.3	0	1	2722	6726	6720	6695	6699	0.3	0.3	0	1
2723	6699	6695	6666	6668	0.3	0.3	0	1	2724	6668	6666	6639	6641	0.3	0.3	0	1
2725	6641	6639	6613	6614	0.3	0.3	0	1	2726	6614	6613	6588	6586	0.3	0.3	0	1
2727	6700	6721	6726	6699	0.3	0.3	0	1	2728	6699	6668	6669	6700	0.3	0.3	0	1
2729	6697	6671	6675	6691	0.3	0.3	0	1	2730	6675	6677	6704	6691	0.3	0.3	0	1
2731	6704	6714	6697	6691	0.3	0.3	0	1	2732	6700	6669	6671	6697	0.3	0.3	0	1
2733	6697	6714	6721	6700	0.3	0.3	0	1	2734	6668	6641	6642	6669	0.3	0.3	0	1
2735	6641	6614	6615	6642	0.3	0.3	0	1	2736	6614	6586	6582	6615	0.3	0.3	0	1
2737	6669	6642	6644	6671	0.3	0.3	0	1	2738	6642	6615	6616	6644	0.3	0.3	0	1
2739	6615	6582	6584	6616	0.3	0.3	0	1	2740	6671	6644	6654	6675	0.3	0.3	0	1
2741	6644	6616	6617	6654	0.3	0.3	0	1	2742	6616	6584	6590	6617	0.3	0.3	0	1
2743	6675	6654	6648	6677	0.3	0.3	0	1	2744	6654	6617	6619	6648	0.3	0.3	0	1
2745	6617	6590	6591	6619	0.3	0.3	0	1	2746	6525	6548	6545	6513	0.3	0.3	0	1
2747	6513	6545	6552	6522	0.3	0.3	0	1	2748	6522	6552	6559	6523	0.3	0.3	0	1
2749	6497	6525	6513	6494	0.3	0.3	0	1	2750	6494	6513	6522	6493	0.3	0.3	0	1
2751	6493	6522	6523	6492	0.3	0.3	0	1	2752	6472	6497	6494	6467	0.3	0.3	0	1
2753	6467	6494	6493	6465	0.3	0.3	0	1	2754	6465	6493	6492	6460	0.3	0.3	0	1
2755	6443	6472	6467	6441	0.3	0.3	0	1	2756	6441	6415	6413	6443	0.3	0.3	0	1
2757	6441	6467	6465	6444	0.3	0.3	0	1	2758	6465	6460	6429	6444	0.3	0.3	0	1
2759	6429	6415	6441	6444	0.3	0.3	0	1	2760	6443	6413	6414	6442	0.3	0.3	0	1
2761	6414	6430	6466	6442	0.3	0.3	0	1	2762	6466	6472	6443	6442	0.3	0.3	0	1
2763	6500	6499	6488	6485	0.3	0.3	0	1	2764	6472	6466	6485	6488	0.3	0.3	0	1
2765	6499	6497	6472	6488	0.3	0.3	0	1	2766	6466	6498	6500	6485	0.3	0.3	0	1
2767	6498	6531	6530	6500	0.3	0.3	0	1	2768	6500	6530	6528	6499	0.3	0.3	0	1
2769	6499	6528	6525	6497	0.3	0.3	0	1	2770	6531	6536	6565	6561	0.3	0.3	0	1
2771	6561	6555	6530	6531	0.3	0.3	0	1	2772	6555	6551	6528	6530	0.3	0.3	0	1
2773	6551	6548	6525	6528	0.3	0.3	0	1	2774	6640	6667	6670	6643	0.3	0.3	0	1
2775	6667	6696	6701	6670	0.3	0.3	0	1	2776	6696	6724	6727	6701	0.3	0.3	0	1
2777	6561	6565	6587	6578	0.3	0.3	0	1	2778	6578	6576	6555	6561	0.3	0.3	0	1
2779	6598	6576	6578	6596	0.3	0.3	0	1	2780	6578	6587	6610	6596	0.3	0.3	0	1
2781	6610	6618	6598	6596	0.3	0.3	0	1	2782	6610	6640	6643	6618	0.3	0.3	0	1
2783	6624	6618	6643	6645	0.3	0.3	0	1	2784	6645	6643	6670	6672	0.3	0.3	0	1
2785	6672	6670	6701	6702	0.3	0.3	0	1	2786	6702	6701	6727	6722	0.3	0.3	0	1
2787	6647	6621	6620	6646	0.3	0.3	0	1	2788	6646	6620	6625	6651	0.3	0.3	0	1
2789	6651	6625	6624	6645	0.3	0.3	0	1	2790	6676	6647	6646	6673	0.3	0.3	0	1
2791	6673	6646	6651	6674	0.3	0.3	0	1	2792	6674	6651	6645	6672	0.3	0.3	0	1
2793	6673	6674	6698	6690	0.3	0.3	0	1	2794	6698	6715	6703	6690	0.3	0.3	0	1
2795	6703	6676	6673	6690	0.3	0.3	0	1	2796	6698	6674	6672	6702	0.3	0.3	0	1
2797	6702	6722	6715	6698	0.3	0.3	0	1	2798	6592	6559	6552	6589	0.3	0.3	0	1
2799	6589	6620	6621	6592	0.3	0.3	0	1	2800	6595	6625	6620	6589	0.3	0.3	0	1
2801																	

Vano di equalizzazione e sedimentazione meccanica

In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.	In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.
								Ind.									Ind.
2835	6680	6712	6716	6687	0.3	0.3	0	1	2836	6634	6660	6663	6636	0.3	0.3	0	1
2837	6660	6687	6694	6663	0.3	0.3	0	1	2838	6687	6716	6725	6694	0.3	0.3	0	1
2839	6636	6609	6607	6634	0.3	0.3	0	1	2840	6609	6581	6579	6607	0.3	0.3	0	1
2841	6581	6556	6549	6579	0.3	0.3	0	1	2842	6556	6527	6521	6549	0.3	0.3	0	1
2843	6527	6495	6490	6521	0.3	0.3	0	1	2844	6495	6463	6456	6490	0.3	0.3	0	1
2845	6463	6428	6423	6456	0.3	0.3	0	1	2846	6634	6607	6605	6627	0.3	0.3	0	1
2847	6607	6579	6575	6605	0.3	0.3	0	1	2848	6579	6549	6543	6575	0.3	0.3	0	1
2849	6549	6521	6514	6543	0.3	0.3	0	1	2850	6521	6490	6480	6514	0.3	0.3	0	1
2851	6490	6456	6451	6480	0.3	0.3	0	1	2852	6456	6423	6421	6451	0.3	0.3	0	1
2853	6627	6605	6603	6628	0.3	0.3	0	1	2854	6605	6575	6572	6603	0.3	0.3	0	1
2855	6575	6543	6541	6572	0.3	0.3	0	1	2856	6543	6514	6507	6541	0.3	0.3	0	1
2857	6514	6480	6478	6507	0.3	0.3	0	1	2858	6480	6451	6449	6478	0.3	0.3	0	1
2859	6451	6421	6420	6449	0.3	0.3	0	1	2860	6628	6603	6602	6629	0.3	0.3	0	1
2861	6603	6572	6569	6602	0.3	0.3	0	1	2862	6572	6541	6539	6569	0.3	0.3	0	1
2863	6541	6507	6504	6539	0.3	0.3	0	1	2864	6507	6478	6475	6504	0.3	0.3	0	1
2865	6478	6449	6447	6475	0.3	0.3	0	1	2866	6449	6420	6418	6447	0.3	0.3	0	1
2867	6629	6602	6600	6631	0.3	0.3	0	1	2868	6602	6569	6567	6600	0.3	0.3	0	1
2869	6569	6539	6538	6567	0.3	0.3	0	1	2870	6539	6504	6503	6538	0.3	0.3	0	1
2871	6504	6475	6474	6503	0.3	0.3	0	1	2872	6475	6447	6446	6474	0.3	0.3	0	1
2873	6447	6418	6416	6446	0.3	0.3	0	1	2874	6526	6533	6562	6554	0.3	0.3	0	1
2875	6533	6535	6564	6562	0.3	0.3	0	1	2876	6554	6562	6583	6580	0.3	0.3	0	1
2877	6562	6564	6588	6583	0.3	0.3	0	1	2878	6580	6583	6612	6608	0.3	0.3	0	1
2879	6583	6588	6613	6612	0.3	0.3	0	1	2880	6608	6612	6637	6635	0.3	0.3	0	1
2881	6612	6613	6639	6637	0.3	0.3	0	1	2882	6635	6637	6664	6662	0.3	0.3	0	1
2883	6637	6639	6666	6664	0.3	0.3	0	1	2884	6662	6664	6692	6688	0.3	0.3	0	1
2885	6664	6666	6695	6692	0.3	0.3	0	1	2886	6688	6692	6718	6717	0.3	0.3	0	1
2887	6692	6695	6720	6718	0.3	0.3	0	1	2888	6717	6719	6689	6688	0.3	0.3	0	1
2889	6719	6713	6681	6689	0.3	0.3	0	1	2890	6713	6711	6682	6681	0.3	0.3	0	1
2891	6711	6709	6684	6682	0.3	0.3	0	1	2892	6709	6710	6686	6684	0.3	0.3	0	1
2893	6688	6689	6661	6662	0.3	0.3	0	1	2894	6689	6681	6653	6661	0.3	0.3	0	1
2895	6681	6682	6656	6653	0.3	0.3	0	1	2896	6682	6684	6658	6656	0.3	0.3	0	1
2897	6684	6686	6659	6658	0.3	0.3	0	1	2898	6662	6661	6633	6635	0.3	0.3	0	1
2899	6661	6653	6626	6633	0.3	0.3	0	1	2900	6653	6656	6630	6626	0.3	0.3	0	1
2901	6656	6658	6632	6630	0.3	0.3	0	1	2902	6658	6659	6631	6632	0.3	0.3	0	1
2903	6635	6633	6606	6608	0.3	0.3	0	1	2904	6633	6626	6604	6606	0.3	0.3	0	1
2905	6626	6630	6601	6604	0.3	0.3	0	1	2906	6630	6632	6599	6601	0.3	0.3	0	1
2907	6632	6631	6600	6599	0.3	0.3	0	1	2908	6608	6606	6577	6580	0.3	0.3	0	1
2909	6606	6604	6573	6577	0.3	0.3	0	1	2910	6604	6601	6570	6573	0.3	0.3	0	1
2911	6601	6599	6568	6570	0.3	0.3	0	1	2912	6599	6600	6567	6568	0.3	0.3	0	1
2913	6580	6577	6546	6554	0.3	0.3	0	1	2914	6577	6573	6542	6546	0.3	0.3	0	1
2915	6573	6570	6540	6542	0.3	0.3	0	1	2916	6570	6568	6537	6540	0.3	0.3	0	1
2917	6568	6567	6538	6537	0.3	0.3	0	1	2918	6554	6546	6520	6526	0.3	0.3	0	1
2919	6546	6542	6515	6520	0.3	0.3	0	1	2920	6542	6540	6506	6515	0.3	0.3	0	1
2921	6540	6537	6505	6506	0.3	0.3	0	1	2922	6537	6538	6503	6505	0.3	0.3	0	1
2923	6526	6520	6491	6496	0.3	0.3	0	1	2924	6520	6515	6481	6491	0.3	0.3	0	1
2925	6515	6506	6479	6481	0.3	0.3	0	1	2926	6506	6505	6476	6479	0.3	0.3	0	1
2927	6505	6503	6474	6476	0.3	0.3	0	1	2928	6496	6491	6458	6464	0.3	0.3	0	1
2929	6491	6481	6452	6458	0.3	0.3	0	1	2930	6481	6479	6450	6452	0.3	0.3	0	1
2931	6479	6476	6448	6450	0.3	0.3	0	1	2932	6476	6474	6446	6448	0.3	0.3	0	1
2933	6464	6458	6425	6431	0.3	0.3	0	1	2934	6458	6452	6422	6425	0.3	0.3	0	1
2935	6452	6450	6419	6422	0.3	0.3	0	1	2936	6450	6448	6417	6419	0.3	0.3	0	1
2937	6448	6446	6416	6417	0.3	0.3	0	1	2938	488	664	663	487	0.4	0.4	0	1
2939	487	663	662	486	0.4	0.4	0	1	2940	486	662	661	485	0.4	0.4	0	1
2941	485	661	660	484	0.4	0.4	0	1	2942	484	660	659	483	0.4	0.4	0	1
2943	483	659	658	482	0.4	0.4	0	1	2944	482	658	657	481	0.4	0.4	0	1
2945	481	657	656	480	0.4	0.4	0	1	2946	480	656	655	479	0.4	0.4	0	1
2947	479	655	654	478	0.4	0.4	0	1	2948	478	654	653	477	0.4	0.4	0	1
2949	477	653	652	476	0.4	0.4	0	1	2950	476	652	651	475	0.4	0.4	0	1
2951	475	651	650	474	0.4	0.4	0	1	2952	474	650	649	473	0.4	0.4	0	1
2953	473	649	648	472	0.4	0.4	0	1	2954	472	648	647	471	0.4	0.4	0	1
2955	471	647	646	470	0.4	0.4	0	1	2956	470	646	645	469	0.4	0.4	0	1
2957	469	645	644	468	0.4	0.4	0	1	2958	468	644	643	467	0.4	0.4	0	1
2959	467	643	642	466	0.4	0.4	0	1	2960	466	642	641	465	0.4	0.4	0	1
2961	664	802	801	663	0.4	0.4	0	1	2962	663	801	800	662	0.4	0.4	0	1
2963	662	800	799	661	0.4	0.4	0	1	2964	661	799	798	660	0.4	0.4	0	1
2965	660	798	797	659	0.4	0.4	0	1	2966	659	797	796	658	0.4	0.4	0	1
2967	658	796	795	657	0.4	0.4	0	1	2968	657	795	794	656	0.4	0.4	0	1
2969	656	794	793	655	0.4	0.4	0	1	2970	655	793	792	654	0.4	0.4	0	1
2971	654	792	791	653	0.4	0.4	0	1	2972	653	791	790	652	0.4	0.4	0	1
2973	652	790	789	651	0.4	0.4	0	1	2974	651	789	788	650	0.4	0.4	0	1
2975	650	788	787	649	0.4	0.4	0	1	2976	649	787	786	648	0.4	0.4	0	1
2977	648	786	785	647	0.4	0.4	0	1	2978	647	785	784	646	0.4	0.4	0	1
2979	646	784	783	645	0.4	0.4	0	1	2980	645	783	782	644	0.4	0.4	0	1
2981	644	782	781	643	0.4	0.4	0	1	2982	643	781	780	642	0.4	0.4	0	1
2983	642	780	779	641	0.4	0.4	0	1	2984	802	952	951	801	0.4	0.4	0	1
2985	801	951	950	800	0.4	0.4	0	1	2986	800	950	949	799	0.4	0.4	0	1
2987	799	949	948	798	0.4	0.4	0	1	2988	798	948	947	797	0.4	0.4	0	1
2989	797	947	946	796	0.4	0.4	0	1	2990	796	946	945	795	0.4	0.4	0	1
2991	795	945	944	794	0.4	0.4	0	1	2992	794	944	943	793	0.4	0.4	0	1
2993	793	943	942	792	0.4	0.4	0	1	2994	792	942	941	791	0.4	0.4	0	1
2995	791	941	940	790	0.4	0.4	0	1	2996	790	940	939	789	0.4	0.4	0	1
2997	789	939	938	788	0.4	0.4	0	1	2998	788	9						

In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.	In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.
								Ind.									Ind.
3029	772	771	633	634	0.4	0.4	0	1	3030	634	633	457	458	0.4	0.4	0	1
3031	921	920	770	771	0.4	0.4	0	1	3032	771	770	632	633	0.4	0.4	0	1
3033	633	632	456	457	0.4	0.4	0	1	3034	920	919	769	770	0.4	0.4	0	1
3035	770	769	631	632	0.4	0.4	0	1	3036	632	631	455	456	0.4	0.4	0	1
3037	919	918	768	769	0.4	0.4	0	1	3038	769	768	630	631	0.4	0.4	0	1
3039	631	630	454	455	0.4	0.4	0	1	3040	918	917	767	768	0.4	0.4	0	1
3041	768	767	629	630	0.4	0.4	0	1	3042	630	629	453	454	0.4	0.4	0	1
3043	917	916	766	767	0.4	0.4	0	1	3044	767	766	628	629	0.4	0.4	0	1
3045	629	628	452	453	0.4	0.4	0	1	3046	916	915	765	766	0.4	0.4	0	1
3047	766	765	627	628	0.4	0.4	0	1	3048	628	627	451	452	0.4	0.4	0	1
3049	915	914	764	765	0.4	0.4	0	1	3050	765	764	626	627	0.4	0.4	0	1
3051	627	626	450	451	0.4	0.4	0	1	3052	914	913	763	764	0.4	0.4	0	1
3053	764	763	625	626	0.4	0.4	0	1	3054	626	625	449	450	0.4	0.4	0	1
3055	913	912	762	763	0.4	0.4	0	1	3056	763	762	624	625	0.4	0.4	0	1
3057	625	624	448	449	0.4	0.4	0	1	3058	912	911	761	762	0.4	0.4	0	1
3059	762	761	623	624	0.4	0.4	0	1	3060	624	623	447	448	0.4	0.4	0	1
3061	911	910	760	761	0.4	0.4	0	1	3062	761	760	622	623	0.4	0.4	0	1
3063	623	622	446	447	0.4	0.4	0	1	3064	910	909	759	760	0.4	0.4	0	1
3065	760	759	621	622	0.4	0.4	0	1	3066	622	621	445	446	0.4	0.4	0	1
3067	909	908	758	759	0.4	0.4	0	1	3068	759	758	620	621	0.4	0.4	0	1
3069	621	620	444	445	0.4	0.4	0	1	3070	908	907	757	758	0.4	0.4	0	1
3071	758	757	619	620	0.4	0.4	0	1	3072	620	619	443	444	0.4	0.4	0	1
3073	907	906	756	757	0.4	0.4	0	1	3074	757	756	618	619	0.4	0.4	0	1
3075	619	618	442	443	0.4	0.4	0	1	3076	906	905	755	756	0.4	0.4	0	1
3077	756	755	617	618	0.4	0.4	0	1	3078	618	617	441	442	0.4	0.4	0	1
3079	905	904	754	755	0.4	0.4	0	1	3080	755	754	616	617	0.4	0.4	0	1
3081	617	616	440	441	0.4	0.4	0	1	3082	904	903	753	754	0.4	0.4	0	1
3083	754	753	615	616	0.4	0.4	0	1	3084	616	615	439	440	0.4	0.4	0	1
3085	903	902	752	753	0.4	0.4	0	1	3086	753	752	614	615	0.4	0.4	0	1
3087	615	614	438	439	0.4	0.4	0	1	3088	902	901	751	752	0.4	0.4	0	1
3089	752	751	613	614	0.4	0.4	0	1	3090	614	613	437	438	0.4	0.4	0	1
3091	901	900	750	751	0.4	0.4	0	1	3092	751	750	612	613	0.4	0.4	0	1
3093	613	612	436	437	0.4	0.4	0	1	3094	900	899	749	750	0.4	0.4	0	1
3095	750	749	611	612	0.4	0.4	0	1	3096	612	611	435	436	0.4	0.4	0	1
3097	899	898	748	749	0.4	0.4	0	1	3098	749	748	610	611	0.4	0.4	0	1
3099	611	610	434	435	0.4	0.4	0	1	3100	898	897	747	748	0.4	0.4	0	1
3101	748	747	609	610	0.4	0.4	0	1	3102	610	609	433	434	0.4	0.4	0	1
3103	897	896	746	747	0.4	0.4	0	1	3104	747	746	608	609	0.4	0.4	0	1
3105	609	608	432	433	0.4	0.4	0	1	3106	6159	6151	5881	5886	0.5	0.5	0	1
3107	5886	5881	5570	5579	0.5	0.5	0	1	3108	5579	5570	5256	5260	0.5	0.5	0	1
3109	5260	5256	5008	5015	0.5	0.5	0	1	3110	5015	5008	4739	4745	0.5	0.5	0	1
3111	4745	4739	4474	4476	0.5	0.5	0	1	3112	4476	4474	4192	4194	0.5	0.5	0	1
3113	4194	4192	3611	3614	0.5	0.5	0	1	3114	3614	3611	3345	3349	0.5	0.5	0	1
3115	3349	3345	884	896	0.5	0.5	0	1	3116	896	884	743	746	0.5	0.5	0	1
3117	746	743	605	608	0.5	0.5	0	1	3118	608	605	371	432	0.5	0.5	0	1
3119	6151	6143	5876	5881	0.5	0.5	0	1	3120	5881	5876	5561	5570	0.5	0.5	0	1
3121	5570	5561	5246	5256	0.5	0.5	0	1	3122	5256	5246	5000	5008	0.5	0.5	0	1
3123	5008	5000	4735	4739	0.5	0.5	0	1	3124	4739	4735	4472	4474	0.5	0.5	0	1
3125	4474	4472	4190	4192	0.5	0.5	0	1	3126	4192	4190	3609	3611	0.5	0.5	0	1
3127	3611	3609	3338	3345	0.5	0.5	0	1	3128	3345	3338	882	884	0.5	0.5	0	1
3129	884	882	739	743	0.5	0.5	0	1	3130	743	739	602	605	0.5	0.5	0	1
3131	605	602	310	371	0.5	0.5	0	1	3132	6143	6135	5873	5876	0.5	0.5	0	1
3133	5876	5873	5558	5561	0.5	0.5	0	1	3134	5561	5558	5240	5246	0.5	0.5	0	1
3135	5246	5240	4989	5000	0.5	0.5	0	1	3136	5000	4989	4730	4735	0.5	0.5	0	1
3137	4735	4730	4469	4472	0.5	0.5	0	1	3138	4472	4469	4188	4190	0.5	0.5	0	1
3139	4190	4188	3607	3609	0.5	0.5	0	1	3140	3609	3607	3332	3338	0.5	0.5	0	1
3141	3338	3332	878	882	0.5	0.5	0	1	3142	882	878	736	739	0.5	0.5	0	1
3143	739	736	599	602	0.5	0.5	0	1	3144	602	599	248	310	0.5	0.5	0	1
3145	6135	6127	5868	5873	0.5	0.5	0	1	3146	5873	5868	5555	5558	0.5	0.5	0	1
3147	5558	5555	5234	5240	0.5	0.5	0	1	3148	5240	5234	4972	4989	0.5	0.5	0	1
3149	4989	4972	4719	4730	0.5	0.5	0	1	3150	4730	4719	4456	4469	0.5	0.5	0	1
3151	4469	4456	4186	4188	0.5	0.5	0	1	3152	4188	4186	3605	3607	0.5	0.5	0	1
3153	3607	3605	3328	3332	0.5	0.5	0	1	3154	3332	3328	875	878	0.5	0.5	0	1
3155	878	875	731	736	0.5	0.5	0	1	3156	736	731	597	599	0.5	0.5	0	1
3157	599	597	187	248	0.5	0.5	0	1	3158	6127	6072	5866	5868	0.5	0.5	0	1
3159	5868	5866	5550	5555	0.5	0.5	0	1	3160	5555	5550	5229	5234	0.5	0.5	0	1
3161	5234	5229	4954	4972	0.5	0.5	0	1	3162	4972	4954	4713	4719	0.5	0.5	0	1
3163	4719	4713	4448	4456	0.5	0.5	0	1	3164	4456	4448	4184	4186	0.5	0.5	0	1
3165	4186	4184	3601	3605	0.5	0.5	0	1	3166	3605	3601	3326	3328	0.5	0.5	0	1
3167	3328	3326	872	875	0.5	0.5	0	1	3168	875	872	729	731	0.5	0.5	0	1
3169	731	729	594	597	0.5	0.5	0	1	3170	597	594	126	187	0.5	0.5	0	1
3171	3149	3033	3420	3422	0.5	0.5	0	1	3172	3422	3420	3685	3687	0.5	0.5	0	1
3173	3687	3685	4265	4267	0.5	0.5	0	1	3174	4267	4265	4547	4549	0.5	0.5	0	1
3175	4549	4547	4816	4818	0.5	0.5	0	1	3176	4818	4816	5086	5090	0.5	0.5	0	1
3177	5090	5086	5331	5333	0.5	0.5	0	1	3178	5333	5331	5651	5653	0.5	0.5	0	1
3179	5653	5651	5957	5959	0.5	0.5	0	1	3180	5959	5957	6349	6408	0.5	0.5	0	1
3181	3033	2972	3418	3420	0.5	0.5	0	1	3182	3420	3418	3683	3685	0.5	0.5	0	1
3183	3685	3683	4263	4265	0.5	0.5	0	1	3184	4265	4263	4545	4547	0.5	0.5	0	1
3185	4547	4545	4814	4816	0.5	0.5	0	1	3186	4816	4814	5084	5086	0.5	0.5	0	1
3187	5086	5084	5329	5331	0.5	0.5	0	1	3188	5331	5329	5649	5651	0.5	0.5	0	1
3189	5651	5649	5955	5957	0.5	0.5	0	1	3190	5957	5955	6344	6349	0.5	0.5	0	1
3191	2972	2911	3416	3418	0.5	0.5	0	1	3192	3418	3416	3681	3683	0.5	0.5	0	1
3193	3683	3681	4261	4263	0.5	0.5	0	1	3194	4							

Vano di equalizzazione e sedimentazione meccanica

In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.	In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.
								Ind.									Ind.
3223	3677	3675	4255	4257	0.5	0.5	0	1	3224	4257	4255	4537	4539	0.5	0.5	0	1
3225	4539	4537	4806	4808	0.5	0.5	0	1	3226	4808	4806	5076	5078	0.5	0.5	0	1
3227	5078	5076	5321	5323	0.5	0.5	0	1	3228	5323	5321	5640	5642	0.5	0.5	0	1
3229	5642	5640	5947	5949	0.5	0.5	0	1	3230	5949	5947	6316	6321	0.5	0.5	0	1
3231	2728	2667	3408	3410	0.5	0.5	0	1	3232	3410	3408	3673	3675	0.5	0.5	0	1
3233	3675	3673	4253	4255	0.5	0.5	0	1	3234	4255	4253	4535	4537	0.5	0.5	0	1
3235	4537	4535	4804	4806	0.5	0.5	0	1	3236	4806	4804	5074	5076	0.5	0.5	0	1
3237	5076	5074	5319	5321	0.5	0.5	0	1	3238	5321	5319	5638	5640	0.5	0.5	0	1
3239	5640	5638	5945	5947	0.5	0.5	0	1	3240	5947	5945	6311	6316	0.5	0.5	0	1
3241	2667	2606	3406	3408	0.5	0.5	0	1	3242	3408	3406	3671	3673	0.5	0.5	0	1
3243	3673	3671	4251	4253	0.5	0.5	0	1	3244	4253	4251	4533	4535	0.5	0.5	0	1
3245	4535	4533	4802	4804	0.5	0.5	0	1	3246	4804	4802	5072	5074	0.5	0.5	0	1
3247	5074	5072	5317	5319	0.5	0.5	0	1	3248	5319	5317	5636	5638	0.5	0.5	0	1
3249	5638	5636	5943	5945	0.5	0.5	0	1	3250	5945	5943	6306	6311	0.5	0.5	0	1
3251	2606	2545	3404	3406	0.5	0.5	0	1	3252	3406	3404	3669	3671	0.5	0.5	0	1
3253	3671	3669	4249	4251	0.5	0.5	0	1	3254	4251	4249	4531	4533	0.5	0.5	0	1
3255	4533	4531	4800	4802	0.5	0.5	0	1	3256	4802	4800	5070	5072	0.5	0.5	0	1
3257	5072	5070	5315	5317	0.5	0.5	0	1	3258	5317	5315	5634	5636	0.5	0.5	0	1
3259	5636	5634	5941	5943	0.5	0.5	0	1	3260	5943	5941	6301	6306	0.5	0.5	0	1
3261	2545	2484	3402	3404	0.5	0.5	0	1	3262	3404	3402	3667	3669	0.5	0.5	0	1
3263	3669	3667	4247	4249	0.5	0.5	0	1	3264	4249	4247	4529	4531	0.5	0.5	0	1
3265	4531	4529	4798	4800	0.5	0.5	0	1	3266	4800	4798	5068	5070	0.5	0.5	0	1
3267	5070	5068	5313	5315	0.5	0.5	0	1	3268	5315	5313	5632	5634	0.5	0.5	0	1
3269	5634	5632	5939	5941	0.5	0.5	0	1	3270	5941	5939	6296	6301	0.5	0.5	0	1
3271	2484	2423	3400	3402	0.5	0.5	0	1	3272	3402	3400	3665	3667	0.5	0.5	0	1
3273	3667	3665	4245	4247	0.5	0.5	0	1	3274	4247	4245	4527	4529	0.5	0.5	0	1
3275	4529	4527	4796	4798	0.5	0.5	0	1	3276	4798	4796	5066	5068	0.5	0.5	0	1
3277	5068	5066	5311	5313	0.5	0.5	0	1	3278	5313	5311	5630	5632	0.5	0.5	0	1
3279	5632	5630	5937	5939	0.5	0.5	0	1	3280	5939	5937	6291	6296	0.5	0.5	0	1
3281	2423	2362	3398	3400	0.5	0.5	0	1	3282	3400	3398	3663	3665	0.5	0.5	0	1
3283	3665	3663	4243	4245	0.5	0.5	0	1	3284	4245	4243	4525	4527	0.5	0.5	0	1
3285	4527	4525	4794	4796	0.5	0.5	0	1	3286	4796	4794	5064	5066	0.5	0.5	0	1
3287	5066	5064	5309	5311	0.5	0.5	0	1	3288	5311	5309	5628	5630	0.5	0.5	0	1
3289	5630	5628	5935	5937	0.5	0.5	0	1	3290	5937	5935	6286	6291	0.5	0.5	0	1
3291	2362	2301	3396	3398	0.5	0.5	0	1	3292	3398	3396	3661	3663	0.5	0.5	0	1
3293	3663	3661	4241	4243	0.5	0.5	0	1	3294	4243	4241	4523	4525	0.5	0.5	0	1
3295	4525	4523	4792	4794	0.5	0.5	0	1	3296	4794	4792	5062	5064	0.5	0.5	0	1
3297	5064	5062	5307	5309	0.5	0.5	0	1	3298	5309	5307	5626	5628	0.5	0.5	0	1
3299	5628	5626	5933	5935	0.5	0.5	0	1	3300	5935	5933	6281	6286	0.5	0.5	0	1
3301	2301	2240	3394	3396	0.5	0.5	0	1	3302	3396	3394	3659	3661	0.5	0.5	0	1
3303	3661	3659	4239	4241	0.5	0.5	0	1	3304	4241	4239	4521	4523	0.5	0.5	0	1
3305	4523	4521	4790	4792	0.5	0.5	0	1	3306	4792	4790	5060	5062	0.5	0.5	0	1
3307	5062	5060	5305	5307	0.5	0.5	0	1	3308	5307	5305	5624	5626	0.5	0.5	0	1
3309	5626	5624	5931	5933	0.5	0.5	0	1	3310	5933	5931	6276	6281	0.5	0.5	0	1
3311	2240	2179	3392	3394	0.5	0.5	0	1	3312	3394	3392	3657	3659	0.5	0.5	0	1
3313	3659	3657	4237	4239	0.5	0.5	0	1	3314	4239	4237	4519	4521	0.5	0.5	0	1
3315	4521	4519	4788	4790	0.5	0.5	0	1	3316	4790	4788	5058	5060	0.5	0.5	0	1
3317	5060	5058	5303	5305	0.5	0.5	0	1	3318	5305	5303	5622	5624	0.5	0.5	0	1
3319	5624	5622	5929	5931	0.5	0.5	0	1	3320	5931	5929	6271	6276	0.5	0.5	0	1
3321	2179	2118	3390	3392	0.5	0.5	0	1	3322	3392	3390	3655	3657	0.5	0.5	0	1
3323	3657	3655	4235	4237	0.5	0.5	0	1	3324	4237	4235	4517	4519	0.5	0.5	0	1
3325	4519	4517	4786	4788	0.5	0.5	0	1	3326	4788	4786	5056	5058	0.5	0.5	0	1
3327	5058	5056	5301	5303	0.5	0.5	0	1	3328	5303	5301	5620	5622	0.5	0.5	0	1
3329	5622	5620	5927	5929	0.5	0.5	0	1	3330	5929	5927	6266	6271	0.5	0.5	0	1
3331	2118	2057	3388	3390	0.5	0.5	0	1	3332	3390	3388	3653	3655	0.5	0.5	0	1
3333	3655	3653	4233	4235	0.5	0.5	0	1	3334	4235	4233	4515	4517	0.5	0.5	0	1
3335	4517	4515	4784	4786	0.5	0.5	0	1	3336	4786	4784	5054	5056	0.5	0.5	0	1
3337	5056	5054	5299	5301	0.5	0.5	0	1	3338	5301	5299	5618	5620	0.5	0.5	0	1
3339	5620	5618	5925	5927	0.5	0.5	0	1	3340	5927	5925	6261	6266	0.5	0.5	0	1
3341	2057	1995	3386	3388	0.5	0.5	0	1	3342	3388	3386	3651	3653	0.5	0.5	0	1
3343	3653	3651	4231	4233	0.5	0.5	0	1	3344	4233	4231	4513	4515	0.5	0.5	0	1
3345	4515	4513	4782	4784	0.5	0.5	0	1	3346	4784	4782	5052	5054	0.5	0.5	0	1
3347	5054	5052	5297	5299	0.5	0.5	0	1	3348	5299	5297	5616	5618	0.5	0.5	0	1
3349	5618	5616	5923	5925	0.5	0.5	0	1	3350	5925	5923	6256	6261	0.5	0.5	0	1
3351	1995	1934	3384	3386	0.5	0.5	0	1	3352	3386	3384	3649	3651	0.5	0.5	0	1
3353	3651	3649	4229	4231	0.5	0.5	0	1	3354	4231	4229	4511	4513	0.5	0.5	0	1
3355	4513	4511	4780	4782	0.5	0.5	0	1	3356	4782	4780	5050	5052	0.5	0.5	0	1
3357	5052	5050	5295	5297	0.5	0.5	0	1	3358	5297	5295	5614	5616	0.5	0.5	0	1
3359	5616	5614	5921	5923	0.5	0.5	0	1	3360	5923	5921	6251	6256	0.5	0.5	0	1
3361	1934	1873	3382	3384	0.5	0.5	0	1	3362	3384	3382	3647	3649	0.5	0.5	0	1
3363	3649	3647	4227	4229	0.5	0.5	0	1	3364	4229	4227	4509	4511	0.5	0.5	0	1
3365	4511	4509	4778	4780	0.5	0.5	0	1	3366	4780	4778	5048	5050	0.5	0.5	0	1
3367	5050	5048	5293	5295	0.5	0.5	0	1	3368	5295	5293	5612	5614	0.5	0.5	0	1
3369	5614	5612	5919	5921	0.5	0.5	0	1	3370	5921	5919	6246	6251	0.5	0.5	0	1
3371	1873	1812	3380	3382	0.5	0.5	0	1	3372	3382	3380	3645	3647	0.5	0.5	0	1
3373	3647	3645	4225	4227	0.5	0.5	0	1	3374	4227	4225	4507	4509	0.5	0.5	0	1
3375	4509	4507	4776	4778	0.5	0.5	0	1	3376	4778	4776	5046	5048	0.5	0.5	0	1
3377	5048	5046	5291	5293	0.5	0.5	0	1	3378	5293	5291	5610	5612	0.5	0.5	0	1
3379	5612	5610	5917	5919	0.5	0.5	0	1	3380	5919	5917	6241	6246	0.5	0.5	0	1
3381	1812	1751	3378	3380	0.5	0.5	0	1	3382	3380	3378	3643	3645				

In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.	In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.
								Ind.									Ind.
3417	5040	5038	5283	5285	0.5	0.5	0	1	3418	5285	5283	5602	5604	0.5	0.5	0	1
3419	5604	5602	5909	5911	0.5	0.5	0	1	3420	5911	5909	6221	6226	0.5	0.5	0	1
3421	1568	1507	3370	3372	0.5	0.5	0	1	3422	3372	3370	3635	3637	0.5	0.5	0	1
3423	3637	3635	4215	4217	0.5	0.5	0	1	3424	4217	4215	4497	4499	0.5	0.5	0	1
3425	4499	4497	4766	4768	0.5	0.5	0	1	3426	4768	4766	5036	5038	0.5	0.5	0	1
3427	5038	5036	5281	5283	0.5	0.5	0	1	3428	5283	5281	5600	5602	0.5	0.5	0	1
3429	5602	5600	5907	5909	0.5	0.5	0	1	3430	5909	5907	6216	6221	0.5	0.5	0	1
3431	1507	1446	3368	3370	0.5	0.5	0	1	3432	3370	3368	3633	3635	0.5	0.5	0	1
3433	3635	3633	4213	4215	0.5	0.5	0	1	3434	4215	4213	4495	4497	0.5	0.5	0	1
3435	4497	4495	4764	4766	0.5	0.5	0	1	3436	4766	4764	5034	5036	0.5	0.5	0	1
3437	5036	5034	5279	5281	0.5	0.5	0	1	3438	5281	5279	5598	5600	0.5	0.5	0	1
3439	5600	5598	5905	5907	0.5	0.5	0	1	3440	5907	5905	6211	6216	0.5	0.5	0	1
3441	1446	1385	3366	3368	0.5	0.5	0	1	3442	3368	3366	3631	3633	0.5	0.5	0	1
3443	3633	3631	4211	4213	0.5	0.5	0	1	3444	4213	4211	4493	4495	0.5	0.5	0	1
3445	4495	4493	4762	4764	0.5	0.5	0	1	3446	4764	4762	5032	5034	0.5	0.5	0	1
3447	5034	5032	5277	5279	0.5	0.5	0	1	3448	5279	5277	5596	5598	0.5	0.5	0	1
3449	5598	5596	5903	5905	0.5	0.5	0	1	3450	5905	5903	6206	6211	0.5	0.5	0	1
3451	1385	1324	3364	3366	0.5	0.5	0	1	3452	3366	3364	3629	3631	0.5	0.5	0	1
3453	3631	3629	4209	4211	0.5	0.5	0	1	3454	4211	4209	4491	4493	0.5	0.5	0	1
3455	4493	4491	4760	4762	0.5	0.5	0	1	3456	4762	4760	5030	5032	0.5	0.5	0	1
3457	5032	5030	5275	5277	0.5	0.5	0	1	3458	5277	5275	5594	5596	0.5	0.5	0	1
3459	5596	5594	5901	5903	0.5	0.5	0	1	3460	5903	5901	6201	6206	0.5	0.5	0	1
3461	1324	1263	3362	3364	0.5	0.5	0	1	3462	3364	3362	3627	3629	0.5	0.5	0	1
3463	3629	3627	4207	4209	0.5	0.5	0	1	3464	4209	4207	4489	4491	0.5	0.5	0	1
3465	4491	4489	4758	4760	0.5	0.5	0	1	3466	4760	4758	5028	5030	0.5	0.5	0	1
3467	5030	5028	5273	5275	0.5	0.5	0	1	3468	5275	5273	5592	5594	0.5	0.5	0	1
3469	5594	5592	5899	5901	0.5	0.5	0	1	3470	5901	5899	6196	6201	0.5	0.5	0	1
3471	1263	1202	3360	3362	0.5	0.5	0	1	3472	3362	3360	3625	3627	0.5	0.5	0	1
3473	3627	3625	4205	4207	0.5	0.5	0	1	3474	4207	4205	4487	4489	0.5	0.5	0	1
3475	4489	4487	4756	4758	0.5	0.5	0	1	3476	4758	4756	5026	5028	0.5	0.5	0	1
3477	5028	5026	5271	5273	0.5	0.5	0	1	3478	5273	5271	5590	5592	0.5	0.5	0	1
3479	5592	5590	5897	5899	0.5	0.5	0	1	3480	5899	5897	6191	6196	0.5	0.5	0	1
3481	1202	1141	3358	3360	0.5	0.5	0	1	3482	3360	3358	3623	3625	0.5	0.5	0	1
3483	3625	3623	4203	4205	0.5	0.5	0	1	3484	4205	4203	4485	4487	0.5	0.5	0	1
3485	4487	4485	4754	4756	0.5	0.5	0	1	3486	4756	4754	5024	5026	0.5	0.5	0	1
3487	5026	5024	5269	5271	0.5	0.5	0	1	3488	5271	5269	5588	5590	0.5	0.5	0	1
3489	5590	5588	5895	5897	0.5	0.5	0	1	3490	5897	5895	6186	6191	0.5	0.5	0	1
3491	1141	1080	3356	3358	0.5	0.5	0	1	3492	3358	3356	3621	3623	0.5	0.5	0	1
3493	3623	3621	4201	4203	0.5	0.5	0	1	3494	4203	4201	4483	4485	0.5	0.5	0	1
3495	4485	4483	4752	4754	0.5	0.5	0	1	3496	4754	4752	5022	5024	0.5	0.5	0	1
3497	5024	5022	5267	5269	0.5	0.5	0	1	3498	5269	5267	5586	5588	0.5	0.5	0	1
3499	5588	5586	5893	5895	0.5	0.5	0	1	3500	5895	5893	6181	6186	0.5	0.5	0	1
3501	1080	1019	3354	3356	0.5	0.5	0	1	3502	3356	3354	3619	3621	0.5	0.5	0	1
3503	3621	3619	4199	4201	0.5	0.5	0	1	3504	4201	4199	4481	4483	0.5	0.5	0	1
3505	4483	4481	4750	4752	0.5	0.5	0	1	3506	4752	4750	5020	5022	0.5	0.5	0	1
3507	5022	5020	5265	5267	0.5	0.5	0	1	3508	5267	5265	5584	5586	0.5	0.5	0	1
3509	5586	5584	5891	5893	0.5	0.5	0	1	3510	5893	5891	6176	6181	0.5	0.5	0	1
3511	1019	958	3352	3354	0.5	0.5	0	1	3512	3354	3352	3617	3619	0.5	0.5	0	1
3513	3619	3617	4197	4199	0.5	0.5	0	1	3514	4199	4197	4479	4481	0.5	0.5	0	1
3515	4481	4479	4748	4750	0.5	0.5	0	1	3516	4750	4748	5018	5020	0.5	0.5	0	1
3517	5020	5018	5263	5265	0.5	0.5	0	1	3518	5265	5263	5582	5584	0.5	0.5	0	1
3519	5584	5582	5889	5891	0.5	0.5	0	1	3520	5891	5889	6171	6176	0.5	0.5	0	1
3521	958	952	3350	3352	0.5	0.5	0	1	3522	3352	3350	3615	3617	0.5	0.5	0	1
3523	3617	3615	4195	4197	0.5	0.5	0	1	3524	4197	4195	4477	4479	0.5	0.5	0	1
3525	4479	4477	4746	4748	0.5	0.5	0	1	3526	4748	4746	5016	5018	0.5	0.5	0	1
3527	5018	5016	5261	5263	0.5	0.5	0	1	3528	5263	5261	5580	5582	0.5	0.5	0	1
3529	5582	5580	5887	5889	0.5	0.5	0	1	3530	5889	5887	6169	6171	0.5	0.5	0	1
3531	5482	5473	5158	5167	0.5	0.5	0	1	3532	5167	5158	4879	4892	0.5	0.5	0	1
3533	4892	4879	4601	4621	0.5	0.5	0	1	3534	4621	4601	4315	4354	0.5	0.5	0	1
3535	4354	4315	3739	3791	0.5	0.5	0	1	3536	3791	3739	3478	3530	0.5	0.5	0	1
3537	3530	3478	3090	3121	0.5	0.5	0	1	3538	5473	5458	5155	5158	0.5	0.5	0	1
3539	5158	5155	4872	4879	0.5	0.5	0	1	3540	4879	4872	4588	4601	0.5	0.5	0	1
3541	4601	4588	4305	4315	0.5	0.5	0	1	3542	4315	4305	3724	3739	0.5	0.5	0	1
3543	3739	3724	3460	3478	0.5	0.5	0	1	3544	3478	3460	3029	3090	0.5	0.5	0	1
3545	5458	5438	5154	5155	0.5	0.5	0	1	3546	5155	5154	4866	4872	0.5	0.5	0	1
3547	4872	4866	4576	4588	0.5	0.5	0	1	3548	4588	4576	4296	4305	0.5	0.5	0	1
3549	4305	4296	3712	3724	0.5	0.5	0	1	3550	3724	3712	3444	3460	0.5	0.5	0	1
3551	3460	3444	2968	3029	0.5	0.5	0	1	3552	5437	5457	5456	5436	0.3	0.3	0	1
3553	5457	5472	5471	5456	0.3	0.3	0	1	3554	5472	5482	5481	5471	0.3	0.3	0	1
3555	5436	5456	5455	5435	0.3	0.3	0	1	3556	5456	5471	5470	5455	0.3	0.3	0	1
3557	5471	5481	5480	5470	0.3	0.3	0	1	3558	5435	5455	5454	5434	0.3	0.3	0	1
3559	5455	5470	5469	5454	0.3	0.3	0	1	3560	5470	5480	5479	5469	0.3	0.3	0	1
3561	5434	5454	5453	5433	0.3	0.3	0	1	3562	5454	5469	5468	5453	0.3	0.3	0	1
3563	5469	5479	5478	5468	0.3	0.3	0	1	3564	5433	5453	5452	5432	0.3	0.3	0	1
3565	5453	5468	5467	5452	0.3	0.3	0	1	3566	5468	5478	5477	5467	0.3	0.3	0	1
3567	5485	5484	5475	5476	0.3	0.3	0	1	3568	5484	5483	5465	5475	0.3	0.3	0	1
3569	5482	5472	5465	5483	0.3	0.3	0	1	3570	5472	5457	5450	5465	0.3	0.3	0	1
3571	5437	5439	5450	5457	0.3	0.3	0	1	3572	5439	5440	5448	5450	0.3	0.3	0	1
3573	5440	5441	5446	5448	0.3	0.3	0	1	3574	5441	5442	5447	5446	0.3	0.3	0	1
3575	5442	5443	5449	5447	0.3	0.3	0	1	3576	5443	5444	5451	5449	0.3	0.3	0	1
3577	5																

Vano di equalizzazione e sedimentazione meccanica

In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.	In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.
								Ind.									Ind.
3611	3168	3172		3123	0.5	0.5	0	1	3612	3172	3122		3123	0.5	0.5	0	1
3613	3172	3176		3122	0.5	0.5	0	1	3614	3122	3176		3121	0.5	0.5	0	1
3615	3176	3210		3209	0.5	0.5	0	1	3616	3128	3154		3127	0.5	0.5	0	1
3617	3131	3218		3130	0.5	0.5	0	1	3618	3218	3131		3219	0.5	0.5	0	1
3619	3219	3132		3220	0.5	0.5	0	1	3620	3220	3133		3221	0.5	0.5	0	1
3621	3221	3134		3222	0.5	0.5	0	1	3622	3222	3135		3223	0.5	0.5	0	1
3623	3223	3136		3224	0.5	0.5	0	1	3624	3224	3137		3225	0.5	0.5	0	1
3625	3225	3138		3226	0.5	0.5	0	1	3626	3226	3139		3227	0.5	0.5	0	1
3627	3227	3140		3228	0.5	0.5	0	1	3628	3141	3228		3140	0.5	0.5	0	1
3629	3228	3141		3229	0.5	0.5	0	1	3630	3155	3141		3142	0.5	0.5	0	1
3631	3230	3229		3155	0.5	0.5	0	1	3632	3155	3143		3161	0.5	0.5	0	1
3633	3231	3230		3161	0.5	0.5	0	1	3634	3161	3144		3165	0.5	0.5	0	1
3635	3232	3231		3165	0.5	0.5	0	1	3636	3165	3145		3169	0.5	0.5	0	1
3637	3233	3232		3169	0.5	0.5	0	1	3638	3146	3169		3145	0.5	0.5	0	1
3639	3234	3233		3171	0.5	0.5	0	1	3640	3147	3171		3146	0.5	0.5	0	1
3641	3235	3234		3173	0.5	0.5	0	1	3642	3148	3173		3147	0.5	0.5	0	1
3643	3177	3173		3148	0.5	0.5	0	1	3644	3235	3177		3236	0.5	0.5	0	1
3645	3148	3149		3177	0.5	0.5	0	1	3646	3211	3210		3172	0.5	0.5	0	1
3647	3176	3172		3210	0.5	0.5	0	1	3648	3173	3171		3147	0.5	0.5	0	1
3649	3173	3177		3235	0.5	0.5	0	1	3650	3212	3211		3168	0.5	0.5	0	1
3651	3172	3168		3211	0.5	0.5	0	1	3652	3171	3169		3146	0.5	0.5	0	1
3653	3171	3173		3234	0.5	0.5	0	1	3654	3213	3212		3164	0.5	0.5	0	1
3655	3168	3164		3212	0.5	0.5	0	1	3656	3145	3165		3144	0.5	0.5	0	1
3657	3169	3171		3233	0.5	0.5	0	1	3658	3214	3213		3160	0.5	0.5	0	1
3659	3164	3160		3213	0.5	0.5	0	1	3660	3144	3161		3143	0.5	0.5	0	1
3661	3165	3169		3232	0.5	0.5	0	1	3662	3215	3214		3154	0.5	0.5	0	1
3663	3160	3154		3214	0.5	0.5	0	1	3664	3143	3155		3142	0.5	0.5	0	1
3665	3161	3165		3231	0.5	0.5	0	1	3666	3141	3155		3229	0.5	0.5	0	1
3667	3155	3161		3230	0.5	0.5	0	1	3668	3152	3098		3099	0.5	0.5	0	1
3669	3100	3152		3099	0.5	0.5	0	1	3670	3195	3107		3196	0.5	0.5	0	1
3671	3153	3113		3114	0.5	0.5	0	1	3672	3115	3153		3114	0.5	0.5	0	1
3673	3182	3180		3175	0.5	0.5	0	1	3674	954	960	959	953	0.5	0.5	0	1
3675	953	959	958	952	0.5	0.5	0	1	3676	960	1021	1020	959	0.5	0.5	0	1
3677	959	1020	1019	958	0.5	0.5	0	1	3678	1021	1082	1081	1020	0.5	0.5	0	1
3679	1020	1081	1080	1019	0.5	0.5	0	1	3680	1082	1143	1142	1081	0.5	0.5	0	1
3681	1081	1142	1141	1080	0.5	0.5	0	1	3682	1143	1204	1203	1142	0.5	0.5	0	1
3683	1142	1203	1202	1141	0.5	0.5	0	1	3684	1204	1265	1264	1203	0.5	0.5	0	1
3685	1203	1264	1263	1202	0.5	0.5	0	1	3686	1265	1326	1325	1264	0.5	0.5	0	1
3687	1264	1325	1324	1263	0.5	0.5	0	1	3688	1326	1387	1386	1325	0.5	0.5	0	1
3689	1325	1386	1385	1324	0.5	0.5	0	1	3690	1387	1448	1447	1386	0.5	0.5	0	1
3691	1386	1447	1446	1385	0.5	0.5	0	1	3692	1448	1509	1508	1447	0.5	0.5	0	1
3693	1447	1508	1507	1446	0.5	0.5	0	1	3694	1509	1570	1569	1508	0.5	0.5	0	1
3695	1508	1569	1568	1507	0.5	0.5	0	1	3696	1570	1631	1630	1569	0.5	0.5	0	1
3697	1569	1630	1629	1568	0.5	0.5	0	1	3698	1631	1692	1691	1630	0.5	0.5	0	1
3699	1630	1691	1690	1629	0.5	0.5	0	1	3700	1692	1753	1752	1691	0.5	0.5	0	1
3701	1691	1752	1751	1690	0.5	0.5	0	1	3702	1753	1814	1813	1752	0.5	0.5	0	1
3703	1752	1813	1812	1751	0.5	0.5	0	1	3704	1814	1875	1874	1813	0.5	0.5	0	1
3705	1813	1874	1873	1812	0.5	0.5	0	1	3706	1875	1936	1935	1874	0.5	0.5	0	1
3707	1874	1935	1934	1873	0.5	0.5	0	1	3708	1936	1997	1996	1935	0.5	0.5	0	1
3709	1935	1996	1995	1934	0.5	0.5	0	1	3710	1997	2059	2058	1996	0.5	0.5	0	1
3711	1996	2058	2057	1995	0.5	0.5	0	1	3712	2059	2120	2119	2058	0.5	0.5	0	1
3713	2058	2119	2118	2057	0.5	0.5	0	1	3714	2120	2181	2180	2119	0.5	0.5	0	1
3715	2119	2180	2179	2118	0.5	0.5	0	1	3716	2181	2242	2241	2180	0.5	0.5	0	1
3717	2180	2241	2240	2179	0.5	0.5	0	1	3718	2242	2303	2302	2241	0.5	0.5	0	1
3719	2241	2302	2301	2240	0.5	0.5	0	1	3720	2303	2364	2363	2302	0.5	0.5	0	1
3721	2302	2363	2362	2301	0.5	0.5	0	1	3722	2364	2425	2424	2363	0.5	0.5	0	1
3723	2363	2424	2423	2362	0.5	0.5	0	1	3724	2425	2486	2485	2424	0.5	0.5	0	1
3725	2424	2485	2484	2423	0.5	0.5	0	1	3726	2486	2547	2546	2485	0.5	0.5	0	1
3727	2485	2546	2545	2484	0.5	0.5	0	1	3728	2547	2608	2607	2546	0.5	0.5	0	1
3729	2546	2607	2606	2545	0.5	0.5	0	1	3730	2608	2669	2668	2607	0.5	0.5	0	1
3731	2607	2668	2667	2606	0.5	0.5	0	1	3732	2669	2730	2729	2668	0.5	0.5	0	1
3733	2668	2729	2728	2667	0.5	0.5	0	1	3734	2730	2791	2790	2729	0.5	0.5	0	1
3735	2729	2790	2789	2728	0.5	0.5	0	1	3736	2791	2852	2851	2790	0.5	0.5	0	1
3737	2790	2851	2850	2789	0.5	0.5	0	1	3738	2852	2913	2912	2851	0.5	0.5	0	1
3739	2851	2912	2911	2850	0.5	0.5	0	1	3740	2913	2974	2973	2912	0.5	0.5	0	1
3741	2912	2973	2972	2911	0.5	0.5	0	1	3742	2974	3035	3034	2973	0.5	0.5	0	1
3743	2973	3034	3033	2972	0.5	0.5	0	1	3744	3035	3151	3150	3034	0.5	0.5	0	1
3745	3034	3150	3149	3033	0.5	0.5	0	1	3746	3151	3179	3178	3150	0.5	0.5	0	1
3747	3150	3178	3177	3149	0.5	0.5	0	1	3748	3179	3238	3237	3178	0.5	0.5	0	1
3749	3178	3237	3236	3177	0.5	0.5	0	1	3750	3170	3176	3209	3208	0.5	0.5	0	1
3751	3182	3175	3167	3183	0.5	0.5	0	1	3752	3093	3094	3167	3175	0.5	0.5	0	1
3753	3121	3176	3170	3120	0.5	0.5	0	1	3754	3166	3170	3208	3207	0.5	0.5	0	1
3755	3163	3167	3094	3095	0.5	0.5	0	1	3756	3183	3167	3163	3184	0.5	0.5	0	1
3757	3120	3170	3166	3119	0.5	0.5	0	1	3758	3162	3166	3207	3206	0.5	0.5	0	1
3759	3158	3163	3095	3096	0.5	0.5	0	1	3760	3184	3163	3158	3185	0.5	0.5	0	1
3761	3119	3166	3162	3118	0.5	0.5	0	1	3762	3159	3162	3206	3205	0.5	0.5	0	1
3763	3156	3158	3096	3097	0.5	0.5	0	1	3764	3185	3158	3156	3186	0.5	0.5	0	1
3765	3118	3162	3159	3117	0.5	0.5	0	1	3766	3157	3159	3205	3204	0.5	0.5	0	1
3767	3152	3156	3097	3098	0.5	0.5	0	1	3768	3186	3156	3152	3187	0.5	0.5	0	1
3769	3117	3159	3157	3116	0.5	0.5	0	1	3770	3153	3157	3204	3203	0.5	0.5	0	1
3771	3187	3152	3100	3188	0.5	0.5	0	1	3772	3116	3157	3153	3115	0.5	0.5	0	1
3773	3113	3153	3203	3202	0.5	0.5	0	1	3774	3188	3100	3101	3189	0.5	0.5	0	1
3775	3112	3113															

In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.	In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.
								Ind.									Ind.
3805	2665	2604	2605	2666	0.5	0.5	0	1	3806	2603	2542	2543	2604	0.5	0.5	0	1
3807	2604	2543	2544	2605	0.5	0.5	0	1	3808	2542	2481	2482	2543	0.5	0.5	0	1
3809	2543	2482	2483	2544	0.5	0.5	0	1	3810	2481	2420	2421	2482	0.5	0.5	0	1
3811	2482	2421	2422	2483	0.5	0.5	0	1	3812	2420	2359	2360	2421	0.5	0.5	0	1
3813	2421	2360	2361	2422	0.5	0.5	0	1	3814	2359	2298	2299	2360	0.5	0.5	0	1
3815	2360	2299	2300	2361	0.5	0.5	0	1	3816	2298	2237	2238	2299	0.5	0.5	0	1
3817	2299	2238	2239	2300	0.5	0.5	0	1	3818	2237	2176	2177	2238	0.5	0.5	0	1
3819	2238	2177	2178	2239	0.5	0.5	0	1	3820	2176	2115	2116	2177	0.5	0.5	0	1
3821	2177	2116	2117	2178	0.5	0.5	0	1	3822	2115	2054	2055	2116	0.5	0.5	0	1
3823	2116	2055	2056	2117	0.5	0.5	0	1	3824	2054	1992	1993	2055	0.5	0.5	0	1
3825	2055	1993	1994	2056	0.5	0.5	0	1	3826	1992	1931	1932	1993	0.5	0.5	0	1
3827	1993	1932	1933	1994	0.5	0.5	0	1	3828	1931	1870	1871	1932	0.5	0.5	0	1
3829	1932	1871	1872	1933	0.5	0.5	0	1	3830	1870	1809	1810	1871	0.5	0.5	0	1
3831	1871	1810	1811	1872	0.5	0.5	0	1	3832	1809	1748	1749	1810	0.5	0.5	0	1
3833	1810	1749	1750	1811	0.5	0.5	0	1	3834	1748	1687	1688	1749	0.5	0.5	0	1
3835	1749	1688	1689	1750	0.5	0.5	0	1	3836	1687	1626	1627	1688	0.5	0.5	0	1
3837	1688	1627	1628	1689	0.5	0.5	0	1	3838	1626	1565	1566	1627	0.5	0.5	0	1
3839	1627	1566	1567	1628	0.5	0.5	0	1	3840	1565	1504	1505	1566	0.5	0.5	0	1
3841	1566	1505	1506	1567	0.5	0.5	0	1	3842	1504	1443	1444	1505	0.5	0.5	0	1
3843	1505	1444	1445	1506	0.5	0.5	0	1	3844	1443	1382	1383	1444	0.5	0.5	0	1
3845	1444	1383	1384	1445	0.5	0.5	0	1	3846	1382	1321	1322	1383	0.5	0.5	0	1
3847	1383	1322	1323	1384	0.5	0.5	0	1	3848	1321	1260	1261	1322	0.5	0.5	0	1
3849	1322	1261	1262	1323	0.5	0.5	0	1	3850	1260	1199	1200	1261	0.5	0.5	0	1
3851	1261	1200	1201	1262	0.5	0.5	0	1	3852	1199	1138	1139	1200	0.5	0.5	0	1
3853	1200	1139	1140	1201	0.5	0.5	0	1	3854	1138	1077	1078	1139	0.5	0.5	0	1
3855	1139	1078	1079	1140	0.5	0.5	0	1	3856	1077	1016	1017	1078	0.5	0.5	0	1
3857	1078	1017	1018	1079	0.5	0.5	0	1	3858	1016	955	956	1017	0.5	0.5	0	1
3859	1017	956	957	1018	0.5	0.5	0	1	3860	955	894	895	956	0.5	0.5	0	1
3861	956	895	896	957	0.5	0.5	0	1	3862	894	833	834	895	0.5	0.5	0	1
3863	895	834	835	896	0.5	0.5	0	1	3864	833	772	773	834	0.5	0.5	0	1
3865	834	773	774	835	0.5	0.5	0	1	3866	772	711	712	773	0.5	0.5	0	1
3867	773	712	713	774	0.5	0.5	0	1	3868	711	650	651	712	0.5	0.5	0	1
3869	712	651	652	713	0.5	0.5	0	1	3870	650	589	590	651	0.5	0.5	0	1
3871	651	590	591	652	0.5	0.5	0	1	3872	589	528	529	590	0.5	0.5	0	1
3873	590	529	530	591	0.5	0.5	0	1	3874	528	467	468	529	0.5	0.5	0	1
3875	529	468	469	530	0.5	0.5	0	1	3876	467	406	407	468	0.5	0.5	0	1
3877	468	407	408	469	0.5	0.5	0	1	3878	406	345	346	407	0.5	0.5	0	1
3879	407	346	347	408	0.5	0.5	0	1	3880	345	284	285	346	0.5	0.5	0	1
3881	346	285	286	347	0.5	0.5	0	1	3882	284	223	224	285	0.5	0.5	0	1
3883	285	224	225	286	0.5	0.5	0	1	3884	223	162	163	224	0.5	0.5	0	1
3885	224	163	164	225	0.5	0.5	0	1	3886	162	101	102	163	0.5	0.5	0	1
3887	163	102	103	164	0.5	0.5	0	1	3888	101	40	41	102	0.5	0.5	0	1
3889	102	40	41	103	0.5	0.5	0	1	3890	40	0	0	41	0.5	0.5	0	1
3891	41	0	0	42	0.5	0.5	0	1	3892	0	0	0	43	0.5	0.5	0	1
3893	0	0	0	43	0.5	0.5	0	1	3894	0	0	0	44	0.5	0.5	0	1
3895	0	0	0	44	0.5	0.5	0	1	3896	0	0	0	45	0.5	0.5	0	1
3897	0	0	0	45	0.5	0.5	0	1	3898	0	0	0	46	0.5	0.5	0	1
3899	0	0	0	46	0.5	0.5	0	1	3900	0	0	0	47	0.5	0.5	0	1
3901	0	0	0	47	0.5	0.5	0	1	3902	0	0	0	48	0.5	0.5	0	1
3903	0	0	0	48	0.5	0.5	0	1	3904	0	0	0	49	0.5	0.5	0	1
3905	0	0	0	49	0.5	0.5	0	1	3906	0	0	0	50	0.5	0.5	0	1
3907	0	0	0	50	0.5	0.5	0	1	3908	0	0	0	51	0.5	0.5	0	1
3909	0	0	0	51	0.5	0.5	0	1	3910	0	0	0	52	0.5	0.5	0	1
3911	0	0	0	52	0.5	0.5	0	1	3912	0	0	0	53	0.5	0.5	0	1
3913	0	0	0	53	0.5	0.5	0	1	3914	0	0	0	54	0.5	0.5	0	1
3915	0	0	0	54	0.5	0.5	0	1	3916	0	0	0	55	0.5	0.5	0	1
3917	0	0	0	55	0.5	0.5	0	1	3918	0	0	0	56	0.5	0.5	0	1
3919	0	0	0	56	0.5	0.5	0	1	3920	0	0	0	57	0.5	0.5	0	1
3921	0	0	0	57	0.5	0.5	0	1	3922	0	0	0	58	0.5	0.5	0	1
3923	0	0	0	58	0.5	0.5	0	1	3924	0	0	0	59	0.5	0.5	0	1
3925	0	0	0	59	0.5	0.5	0	1	3926	0	0	0	60	0.5	0.5	0	1
3927	0	0	0	60	0.5	0.5	0	1	3928	0	0	0	61	0.5	0.5	0	1
3929	0	0	0	61	0.5	0.5	0	1	3930	0	0	0	62	0.5	0.5	0	1
3931	0	0	0	62	0.5	0.5	0	1	3932	0	0	0	63	0.5	0.5	0	1
3933	0	0	0	63	0.5	0.5	0	1	3934	0	0	0	64	0.5	0.5	0	1
3935	0	0	0	64	0.5	0.5	0	1	3936	0	0	0	65	0.5	0.5	0	1
3937	0	0	0	65	0.5	0.5	0	1	3938	0	0	0	66	0.5	0.5	0	1
3939	0	0	0	66	0.5	0.5	0	1	3940	0	0	0	67	0.5	0.5	0	1
3941	0	0	0	67	0.5	0.5	0	1	3942	0	0	0	68	0.5	0.5	0	1
3943	0	0	0	68	0.5	0.5	0	1	3944	0	0	0	69	0.5	0.5	0	1
3945	0	0	0	69	0.5	0.5	0	1	3946	0	0	0	70	0.5	0.5	0	1
3947	0	0	0	70	0.5	0.5	0	1	3948	0	0	0	71	0.5	0.5	0	1
3949	0	0	0	71	0.5	0.5	0	1	3950	0	0	0	72	0.5	0.5	0	1
3951	0	0	0	72	0.5	0.5	0	1	3952	0	0	0	73	0.5	0.5	0	1
3953	0	0	0	73	0.5	0.5	0	1	3954	0	0	0	74	0.5	0.5	0	1
3955	0	0	0	74	0.5	0.5	0	1	3956	0	0	0	75	0.5	0.5	0	1
3957	0	0	0	75	0.5	0.5	0	1	3958	0	0	0	76	0.5	0.5	0	1
3959	0	0	0	76	0.5	0.5	0	1	3960	0	0	0	77	0.5	0.5	0	1
3961	0	0	0	77	0.5	0.5	0	1	3962	0	0	0	78	0.5	0.5	0	1
3963	0	0	0	78	0.5	0.5	0	1	3964	0	0	0	79	0.5	0.5	0	1
3965	0	0	0	79	0.5	0.5	0	1	3966	0	0	0	80	0.5	0.5	0	1
3967	0	0	0	80	0.5	0.5	0	1	3968	0	0	0	81	0.5	0.5	0	1
3969	0	0	0	81	0.5	0.5	0	1	3970	0	0	0	82	0.5	0.5	0	1
3971	0	0	0	82	0.5	0.5	0	1	3972	0	0	0	83	0.5	0.5	0	1
3973	0	0	0	83	0.5	0.5	0	1	3974	0	0	0	84	0.5	0.5	0	1
3975	0	0	0	84	0.5	0.5	0	1	3976	0	0	0	85	0.5	0.5	0	1
3977	0	0	0	85	0.5	0.5	0	1	3978	0	0	0	86	0.5	0.5	0	1
3979	0	0	0	86	0.5	0.5	0										

Vano di equalizzazione e sedimentazione meccanica

In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.	In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.
								Ind.									Ind.
3999	2674	2676	2737	2735	0.5	0.5	0	1	4000	2735	2737	2798	2796	0.5	0.5	0	1
4001	2796	2798	2859	2857	0.5	0.5	0	1	4002	2857	2859	2920	2918	0.5	0.5	0	1
4003	2918	2920	2981	2979	0.5	0.5	0	1	4004	2979	2981	3042	3040	0.5	0.5	0	1
4005	3040	3042	3097	3096	0.5	0.5	0	1	4006	900	901	969	967	0.5	0.5	0	1
4007	967	969	1030	1028	0.5	0.5	0	1	4008	1028	1030	1091	1089	0.5	0.5	0	1
4009	1089	1091	1152	1150	0.5	0.5	0	1	4010	1150	1152	1213	1211	0.5	0.5	0	1
4011	1211	1213	1274	1272	0.5	0.5	0	1	4012	1272	1274	1335	1333	0.5	0.5	0	1
4013	1333	1335	1396	1394	0.5	0.5	0	1	4014	1394	1396	1457	1455	0.5	0.5	0	1
4015	1455	1457	1518	1516	0.5	0.5	0	1	4016	1516	1518	1579	1577	0.5	0.5	0	1
4017	1577	1579	1640	1638	0.5	0.5	0	1	4018	1638	1640	1701	1699	0.5	0.5	0	1
4019	1699	1701	1762	1760	0.5	0.5	0	1	4020	1760	1762	1823	1821	0.5	0.5	0	1
4021	1821	1823	1884	1882	0.5	0.5	0	1	4022	1882	1884	1945	1943	0.5	0.5	0	1
4023	1943	1945	2006	2004	0.5	0.5	0	1	4024	2004	2006	2068	2066	0.5	0.5	0	1
4025	2066	2068	2129	2127	0.5	0.5	0	1	4026	2127	2129	2190	2188	0.5	0.5	0	1
4027	2188	2190	2251	2249	0.5	0.5	0	1	4028	2249	2251	2312	2310	0.5	0.5	0	1
4029	2310	2312	2373	2371	0.5	0.5	0	1	4030	2371	2373	2434	2432	0.5	0.5	0	1
4031	2432	2434	2495	2493	0.5	0.5	0	1	4032	2493	2495	2556	2554	0.5	0.5	0	1
4033	2554	2556	2617	2615	0.5	0.5	0	1	4034	2615	2617	2678	2676	0.5	0.5	0	1
4035	2676	2678	2739	2737	0.5	0.5	0	1	4036	2737	2739	2800	2798	0.5	0.5	0	1
4037	2798	2800	2861	2859	0.5	0.5	0	1	4038	2859	2861	2922	2920	0.5	0.5	0	1
4039	2920	2922	2983	2981	0.5	0.5	0	1	4040	2981	2983	3044	3042	0.5	0.5	0	1
4041	3042	3044	3098	3097	0.5	0.5	0	1	4042	901	902	971	969	0.5	0.5	0	1
4043	969	971	1032	1030	0.5	0.5	0	1	4044	1030	1032	1093	1091	0.5	0.5	0	1
4045	1091	1093	1154	1152	0.5	0.5	0	1	4046	1152	1154	1215	1213	0.5	0.5	0	1
4047	1213	1215	1276	1274	0.5	0.5	0	1	4048	1274	1276	1337	1335	0.5	0.5	0	1
4049	1335	1337	1398	1396	0.5	0.5	0	1	4050	1396	1398	1459	1457	0.5	0.5	0	1
4051	1457	1459	1520	1518	0.5	0.5	0	1	4052	1518	1520	1581	1579	0.5	0.5	0	1
4053	1579	1581	1642	1640	0.5	0.5	0	1	4054	1640	1642	1703	1701	0.5	0.5	0	1
4055	1701	1703	1764	1762	0.5	0.5	0	1	4056	1762	1764	1825	1823	0.5	0.5	0	1
4057	1823	1825	1886	1884	0.5	0.5	0	1	4058	1884	1886	1947	1945	0.5	0.5	0	1
4059	1945	1947	2008	2006	0.5	0.5	0	1	4060	2006	2008	2070	2068	0.5	0.5	0	1
4061	2068	2070	2131	2129	0.5	0.5	0	1	4062	2129	2131	2192	2190	0.5	0.5	0	1
4063	2190	2192	2253	2251	0.5	0.5	0	1	4064	2251	2253	2314	2312	0.5	0.5	0	1
4065	2312	2314	2375	2373	0.5	0.5	0	1	4066	2373	2375	2436	2434	0.5	0.5	0	1
4067	2434	2436	2497	2495	0.5	0.5	0	1	4068	2495	2497	2558	2556	0.5	0.5	0	1
4069	2556	2558	2619	2617	0.5	0.5	0	1	4070	2617	2619	2680	2678	0.5	0.5	0	1
4071	2678	2680	2741	2739	0.5	0.5	0	1	4072	2739	2741	2802	2800	0.5	0.5	0	1
4073	2800	2802	2863	2861	0.5	0.5	0	1	4074	2861	2863	2924	2922	0.5	0.5	0	1
4075	2922	2924	2985	2983	0.5	0.5	0	1	4076	2983	2985	3046	3044	0.5	0.5	0	1
4077	3044	3046	3099	3098	0.5	0.5	0	1	4078	902	903	973	971	0.5	0.5	0	1
4079	971	973	1034	1032	0.5	0.5	0	1	4080	1032	1034	1095	1093	0.5	0.5	0	1
4081	1093	1095	1156	1154	0.5	0.5	0	1	4082	1154	1156	1217	1215	0.5	0.5	0	1
4083	1215	1217	1278	1276	0.5	0.5	0	1	4084	1276	1278	1339	1337	0.5	0.5	0	1
4085	1337	1339	1400	1398	0.5	0.5	0	1	4086	1398	1400	1461	1459	0.5	0.5	0	1
4087	1459	1461	1522	1520	0.5	0.5	0	1	4088	1520	1522	1583	1581	0.5	0.5	0	1
4089	1581	1583	1644	1642	0.5	0.5	0	1	4090	1642	1644	1705	1703	0.5	0.5	0	1
4091	1703	1705	1766	1764	0.5	0.5	0	1	4092	1764	1766	1827	1825	0.5	0.5	0	1
4093	1825	1827	1888	1886	0.5	0.5	0	1	4094	1886	1888	1949	1947	0.5	0.5	0	1
4095	1947	1949	2010	2008	0.5	0.5	0	1	4096	2008	2010	2072	2070	0.5	0.5	0	1
4097	2070	2072	2133	2131	0.5	0.5	0	1	4098	2131	2133	2194	2192	0.5	0.5	0	1
4099	2192	2194	2255	2253	0.5	0.5	0	1	4100	2253	2255	2316	2314	0.5	0.5	0	1
4101	2314	2316	2377	2375	0.5	0.5	0	1	4102	2375	2377	2438	2436	0.5	0.5	0	1
4103	2436	2438	2499	2497	0.5	0.5	0	1	4104	2497	2499	2560	2558	0.5	0.5	0	1
4105	2558	2560	2621	2619	0.5	0.5	0	1	4106	2619	2621	2682	2680	0.5	0.5	0	1
4107	2680	2682	2743	2741	0.5	0.5	0	1	4108	2741	2743	2804	2802	0.5	0.5	0	1
4109	2802	2804	2865	2863	0.5	0.5	0	1	4110	2863	2865	2926	2924	0.5	0.5	0	1
4111	2924	2926	2987	2985	0.5	0.5	0	1	4112	2985	2987	3048	3046	0.5	0.5	0	1
4113	3046	3048	3109	3107	0.5	0.5	0	1	4114	903	904	975	973	0.5	0.5	0	1
4115	973	975	1036	1034	0.5	0.5	0	1	4116	1034	1036	1097	1095	0.5	0.5	0	1
4117	1095	1097	1158	1156	0.5	0.5	0	1	4118	1156	1158	1219	1217	0.5	0.5	0	1
4119	1217	1219	1280	1278	0.5	0.5	0	1	4120	1278	1280	1341	1339	0.5	0.5	0	1
4121	1339	1341	1402	1400	0.5	0.5	0	1	4122	1400	1402	1463	1461	0.5	0.5	0	1
4123	1461	1463	1524	1522	0.5	0.5	0	1	4124	1522	1524	1585	1583	0.5	0.5	0	1
4125	1583	1585	1646	1644	0.5	0.5	0	1	4126	1644	1646	1707	1705	0.5	0.5	0	1
4127	1705	1707	1768	1766	0.5	0.5	0	1	4128	1766	1768	1829	1827	0.5	0.5	0	1
4129	1827	1829	1890	1888	0.5	0.5	0	1	4130	1888	1890	1951	1949	0.5	0.5	0	1
4131	1949	1951	2012	2010	0.5	0.5	0	1	4132	2010	2012	2074	2072	0.5	0.5	0	1
4133	2072	2074	2135	2133	0.5	0.5	0	1	4134	2133	2135	2196	2194	0.5	0.5	0	1
4135	2194	2196	2257	2255	0.5	0.5	0	1	4136	2255	2257	2318	2316	0.5	0.5	0	1
4137	2316	2318	2379	2377	0.5	0.5	0	1	4138	2377	2379	2440	2438	0.5	0.5	0	1
4139	2438	2440	2501	2499	0.5	0.5	0	1	4140	2499	2501	2562	2560	0.5	0.5	0	1
4141	2560	2562	2623	2621	0.5	0.5	0	1	4142	2621	2623	2684	2682	0.5	0.5	0	1
4143	2682	2684	2745	2743	0.5	0.5	0	1	4144	2743	2745	2806	2804	0.5	0.5	0	1
4145	2804	2806	2867	2865	0.5	0.5	0	1	4146	2865	2867	2928	2926	0.5	0.5	0	1
4147	2926	2928	2989	2987	0.5	0.5	0	1	4148	2987	2989	3050	3048	0.5	0.5	0	1
4149	3048	3050	3101	3100	0.5	0.5	0	1	4150	904	905	977	975	0.5	0.5	0	1
4151	975	977	1038	1036	0.5	0.5	0	1	4152	1036	1038	1099	1097	0.5	0.5	0	1
4153	1097	1099	1160	1158	0.5	0.5	0	1	4154	1158	1160	1221	1219	0.5	0.5	0	1
4155	1219	1221	1282	1280	0.5	0.5	0	1	4156	1280	1282	1343	1341	0.5	0.5	0	1
4157	1341	1343	1404	1402	0.5	0.5	0	1	4158	1402	1404	1465	1463	0.5	0.5	0	1
4159	1463	1465	1526</														

In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.	In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.
								Ind.									Ind.
4193	1343	1345	1406	1404	0.5	0.5	0	1	4194	1404	1406	1467	1465	0.5	0.5	0	1
4195	1465	1467	1528	1526	0.5	0.5	0	1	4196	1526	1528	1589	1587	0.5	0.5	0	1
4197	1587	1589	1650	1648	0.5	0.5	0	1	4198	1648	1650	1711	1709	0.5	0.5	0	1
4199	1709	1711	1772	1770	0.5	0.5	0	1	4200	1770	1772	1833	1831	0.5	0.5	0	1
4201	1831	1833	1894	1892	0.5	0.5	0	1	4202	1892	1894	1955	1953	0.5	0.5	0	1
4203	1953	1955	2016	2014	0.5	0.5	0	1	4204	2014	2016	2078	2076	0.5	0.5	0	1
4205	2076	2078	2139	2137	0.5	0.5	0	1	4206	2137	2139	2200	2198	0.5	0.5	0	1
4207	2198	2200	2261	2259	0.5	0.5	0	1	4208	2259	2261	2322	2320	0.5	0.5	0	1
4209	2320	2322	2383	2381	0.5	0.5	0	1	4210	2381	2383	2444	2442	0.5	0.5	0	1
4211	2442	2444	2505	2503	0.5	0.5	0	1	4212	2503	2505	2566	2564	0.5	0.5	0	1
4213	2564	2566	2627	2625	0.5	0.5	0	1	4214	2625	2627	2688	2686	0.5	0.5	0	1
4215	2686	2688	2749	2747	0.5	0.5	0	1	4216	2747	2749	2810	2808	0.5	0.5	0	1
4217	2808	2810	2871	2869	0.5	0.5	0	1	4218	2869	2871	2932	2930	0.5	0.5	0	1
4219	2930	2932	2993	2991	0.5	0.5	0	1	4220	2991	2993	3054	3052	0.5	0.5	0	1
4221	3052	3054	3103	3102	0.5	0.5	0	1	4222	906	907	981	979	0.5	0.5	0	1
4223	979	981	1042	1040	0.5	0.5	0	1	4224	1040	1042	1103	1101	0.5	0.5	0	1
4225	1101	1103	1164	1162	0.5	0.5	0	1	4226	1162	1164	1225	1223	0.5	0.5	0	1
4227	1223	1225	1286	1284	0.5	0.5	0	1	4228	1284	1286	1347	1345	0.5	0.5	0	1
4229	1345	1347	1408	1406	0.5	0.5	0	1	4230	1406	1408	1469	1467	0.5	0.5	0	1
4231	1467	1469	1530	1528	0.5	0.5	0	1	4232	1528	1530	1591	1589	0.5	0.5	0	1
4233	1589	1591	1652	1650	0.5	0.5	0	1	4234	1650	1652	1713	1711	0.5	0.5	0	1
4235	1711	1713	1774	1772	0.5	0.5	0	1	4236	1772	1774	1835	1833	0.5	0.5	0	1
4237	1833	1835	1896	1894	0.5	0.5	0	1	4238	1894	1896	1957	1955	0.5	0.5	0	1
4239	1955	1957	2018	2016	0.5	0.5	0	1	4240	2016	2018	2080	2078	0.5	0.5	0	1
4241	2078	2080	2141	2139	0.5	0.5	0	1	4242	2139	2141	2202	2200	0.5	0.5	0	1
4243	2200	2202	2263	2261	0.5	0.5	0	1	4244	2261	2263	2324	2322	0.5	0.5	0	1
4245	2322	2324	2385	2383	0.5	0.5	0	1	4246	2383	2385	2446	2444	0.5	0.5	0	1
4247	2444	2446	2507	2505	0.5	0.5	0	1	4248	2505	2507	2568	2566	0.5	0.5	0	1
4249	2566	2568	2629	2627	0.5	0.5	0	1	4250	2627	2629	2690	2688	0.5	0.5	0	1
4251	2688	2690	2751	2749	0.5	0.5	0	1	4252	2749	2751	2812	2810	0.5	0.5	0	1
4253	2810	2812	2873	2871	0.5	0.5	0	1	4254	2871	2873	2934	2932	0.5	0.5	0	1
4255	2932	2934	2995	2993	0.5	0.5	0	1	4256	2993	2995	3056	3054	0.5	0.5	0	1
4257	3054	3056	3104	3103	0.5	0.5	0	1	4258	907	908	983	981	0.5	0.5	0	1
4259	981	983	1044	1042	0.5	0.5	0	1	4260	1042	1044	1105	1103	0.5	0.5	0	1
4261	1103	1105	1166	1164	0.5	0.5	0	1	4262	1164	1166	1227	1225	0.5	0.5	0	1
4263	1225	1227	1288	1286	0.5	0.5	0	1	4264	1286	1288	1349	1347	0.5	0.5	0	1
4265	1347	1349	1410	1408	0.5	0.5	0	1	4266	1408	1410	1471	1469	0.5	0.5	0	1
4267	1469	1471	1532	1530	0.5	0.5	0	1	4268	1530	1532	1593	1591	0.5	0.5	0	1
4269	1591	1593	1654	1652	0.5	0.5	0	1	4270	1652	1654	1715	1713	0.5	0.5	0	1
4271	1713	1715	1776	1774	0.5	0.5	0	1	4272	1774	1776	1837	1835	0.5	0.5	0	1
4273	1835	1837	1898	1896	0.5	0.5	0	1	4274	1896	1898	1959	1957	0.5	0.5	0	1
4275	1957	1959	2020	2018	0.5	0.5	0	1	4276	2018	2020	2082	2080	0.5	0.5	0	1
4277	2080	2082	2143	2141	0.5	0.5	0	1	4278	2141	2143	2204	2202	0.5	0.5	0	1
4279	2202	2204	2265	2263	0.5	0.5	0	1	4280	2263	2265	2326	2324	0.5	0.5	0	1
4281	2324	2326	2387	2385	0.5	0.5	0	1	4282	2385	2387	2448	2446	0.5	0.5	0	1
4283	2446	2448	2509	2507	0.5	0.5	0	1	4284	2507	2509	2570	2568	0.5	0.5	0	1
4285	2568	2570	2631	2629	0.5	0.5	0	1	4286	2629	2631	2692	2690	0.5	0.5	0	1
4287	2690	2692	2753	2751	0.5	0.5	0	1	4288	2751	2753	2814	2812	0.5	0.5	0	1
4289	2812	2814	2875	2873	0.5	0.5	0	1	4290	2873	2875	2936	2934	0.5	0.5	0	1
4291	2934	2936	2997	2995	0.5	0.5	0	1	4292	2995	2997	3058	3056	0.5	0.5	0	1
4293	3056	3058	3105	3104	0.5	0.5	0	1	4294	908	909	985	983	0.5	0.5	0	1
4295	983	985	1046	1044	0.5	0.5	0	1	4296	1044	1046	1107	1105	0.5	0.5	0	1
4297	1105	1107	1168	1166	0.5	0.5	0	1	4298	1166	1168	1229	1227	0.5	0.5	0	1
4299	1227	1229	1290	1288	0.5	0.5	0	1	4300	1288	1290	1351	1349	0.5	0.5	0	1
4301	1349	1351	1412	1410	0.5	0.5	0	1	4302	1410	1412	1473	1471	0.5	0.5	0	1
4303	1471	1473	1534	1532	0.5	0.5	0	1	4304	1532	1534	1595	1593	0.5	0.5	0	1
4305	1593	1595	1656	1654	0.5	0.5	0	1	4306	1654	1656	1717	1715	0.5	0.5	0	1
4307	1715	1717	1778	1776	0.5	0.5	0	1	4308	1776	1778	1839	1837	0.5	0.5	0	1
4309	1837	1839	1900	1898	0.5	0.5	0	1	4310	1898	1900	1961	1959	0.5	0.5	0	1
4311	1959	1961	2022	2020	0.5	0.5	0	1	4312	2020	2022	2084	2082	0.5	0.5	0	1
4313	2082	2084	2145	2143	0.5	0.5	0	1	4314	2143	2145	2206	2204	0.5	0.5	0	1
4315	2204	2206	2267	2265	0.5	0.5	0	1	4316	2265	2267	2328	2326	0.5	0.5	0	1
4317	2326	2328	2389	2387	0.5	0.5	0	1	4318	2387	2389	2450	2448	0.5	0.5	0	1
4319	2448	2450	2511	2509	0.5	0.5	0	1	4320	2509	2511	2572	2570	0.5	0.5	0	1
4321	2570	2572	2633	2631	0.5	0.5	0	1	4322	2631	2633	2694	2692	0.5	0.5	0	1
4323	2692	2694	2755	2753	0.5	0.5	0	1	4324	2753	2755	2816	2814	0.5	0.5	0	1
4325	2814	2816	2877	2875	0.5	0.5	0	1	4326	2875	2877	2938	2936	0.5	0.5	0	1
4327	2936	2938	2999	2997	0.5	0.5	0	1	4328	2997	2999	3060	3058	0.5	0.5	0	1
4329	3058	3060	3106	3105	0.5	0.5	0	1	4330	909	910	987	985	0.5	0.5	0	1
4331	985	987	1048	1046	0.5	0.5	0	1	4332	1046	1048	1109	1107	0.5	0.5	0	1
4333	1107	1109	1170	1168	0.5	0.5	0	1	4334	1168	1170	1231	1229	0.5	0.5	0	1
4335	1229	1231	1292	1290	0.5	0.5	0	1	4336	1290	1292	1353	1351	0.5	0.5	0	1
4337	1351	1353	1414	1412	0.5	0.5	0	1	4338	1412	1414	1475	1473	0.5	0.5	0	1
4339	1473	1475	1536	1534	0.5	0.5	0	1	4340	1534	1536	1597	1595	0.5	0.5	0	1
4341	1595	1597	1658	1656	0.5	0.5	0	1	4342	1656	1658	1719	1717	0.5	0.5	0	1
4343	1717	1719	1780	1778	0.5	0.5	0	1	4344	1778	1780	1841	1839	0.5	0.5	0	1
4345	1839	1841	1902	1900	0.5	0.5	0	1	4346	1900	1902	1963	1961	0.5	0.5	0	1
4347	1961	1963	2024	2022	0.5	0.5	0	1	4348	2022	2024	2086	2084	0.5	0.5	0	1
4349	2084	2086	2147	2145	0.5	0.5	0	1	4350	2145	2147	2208	2206	0.5	0.5	0	1
4351	2206	2208	2269	2267	0.5	0.5	0	1	4352	2267	2269	2330	2328	0.5	0.5	0	1
4353	2328	2330	2391														

Vano di equalizzazione e sedimentazione meccanica

In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.	In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.
								Ind.									Ind.
4387	2208	2210	2271	2269	0.5	0.5	0	1	4388	2269	2271	2332	2330	0.5	0.5	0	1
4389	2330	2332	2393	2391	0.5	0.5	0	1	4390	2391	2393	2454	2452	0.5	0.5	0	1
4391	2452	2454	2515	2513	0.5	0.5	0	1	4392	2513	2515	2576	2574	0.5	0.5	0	1
4393	2574	2576	2637	2635	0.5	0.5	0	1	4394	2635	2637	2698	2696	0.5	0.5	0	1
4395	2696	2698	2759	2757	0.5	0.5	0	1	4396	2757	2759	2820	2818	0.5	0.5	0	1
4397	2818	2820	2881	2879	0.5	0.5	0	1	4398	2879	2881	2942	2940	0.5	0.5	0	1
4399	2940	2942	3003	3001	0.5	0.5	0	1	4400	3001	3003	3064	3062	0.5	0.5	0	1
4401	3062	3064	3108	3107	0.5	0.5	0	1	4402	911	912	991	989	0.5	0.5	0	1
4403	989	991	1052	1050	0.5	0.5	0	1	4404	1050	1052	1113	1111	0.5	0.5	0	1
4405	1111	1113	1174	1172	0.5	0.5	0	1	4406	1172	1174	1235	1233	0.5	0.5	0	1
4407	1233	1235	1296	1294	0.5	0.5	0	1	4408	1294	1296	1357	1355	0.5	0.5	0	1
4409	1355	1357	1418	1416	0.5	0.5	0	1	4410	1416	1418	1479	1477	0.5	0.5	0	1
4411	1477	1479	1540	1538	0.5	0.5	0	1	4412	1538	1540	1601	1599	0.5	0.5	0	1
4413	1599	1601	1662	1660	0.5	0.5	0	1	4414	1660	1662	1723	1721	0.5	0.5	0	1
4415	1721	1723	1784	1782	0.5	0.5	0	1	4416	1782	1784	1845	1843	0.5	0.5	0	1
4417	1843	1845	1906	1904	0.5	0.5	0	1	4418	1904	1906	1967	1965	0.5	0.5	0	1
4419	1965	1967	2028	2026	0.5	0.5	0	1	4420	2026	2028	2090	2088	0.5	0.5	0	1
4421	2088	2090	2151	2149	0.5	0.5	0	1	4422	2149	2151	2212	2210	0.5	0.5	0	1
4423	2210	2212	2273	2271	0.5	0.5	0	1	4424	2271	2273	2334	2332	0.5	0.5	0	1
4425	2332	2334	2395	2393	0.5	0.5	0	1	4426	2393	2395	2456	2454	0.5	0.5	0	1
4427	2454	2456	2517	2515	0.5	0.5	0	1	4428	2515	2517	2578	2576	0.5	0.5	0	1
4429	2576	2578	2639	2637	0.5	0.5	0	1	4430	2637	2639	2700	2698	0.5	0.5	0	1
4431	2698	2700	2761	2759	0.5	0.5	0	1	4432	2759	2761	2822	2820	0.5	0.5	0	1
4433	2820	2822	2883	2881	0.5	0.5	0	1	4434	2881	2883	2944	2942	0.5	0.5	0	1
4435	2942	2944	3005	3003	0.5	0.5	0	1	4436	3003	3005	3066	3064	0.5	0.5	0	1
4437	3064	3066	3109	3108	0.5	0.5	0	1	4438	912	913	993	991	0.5	0.5	0	1
4439	991	993	1054	1052	0.5	0.5	0	1	4440	1052	1054	1115	1113	0.5	0.5	0	1
4441	1113	1115	1176	1174	0.5	0.5	0	1	4442	1174	1176	1237	1235	0.5	0.5	0	1
4443	1235	1237	1298	1296	0.5	0.5	0	1	4444	1296	1298	1359	1357	0.5	0.5	0	1
4445	1357	1359	1420	1418	0.5	0.5	0	1	4446	1418	1420	1481	1479	0.5	0.5	0	1
4447	1479	1481	1542	1540	0.5	0.5	0	1	4448	1540	1542	1603	1601	0.5	0.5	0	1
4449	1601	1603	1664	1662	0.5	0.5	0	1	4450	1662	1664	1725	1723	0.5	0.5	0	1
4451	1723	1725	1786	1784	0.5	0.5	0	1	4452	1784	1786	1847	1845	0.5	0.5	0	1
4453	1845	1847	1908	1906	0.5	0.5	0	1	4454	1906	1908	1969	1967	0.5	0.5	0	1
4455	1967	1969	2030	2028	0.5	0.5	0	1	4456	2028	2030	2092	2090	0.5	0.5	0	1
4457	2090	2092	2153	2151	0.5	0.5	0	1	4458	2151	2153	2214	2212	0.5	0.5	0	1
4459	2212	2214	2275	2273	0.5	0.5	0	1	4460	2273	2275	2336	2334	0.5	0.5	0	1
4461	2334	2336	2397	2395	0.5	0.5	0	1	4462	2395	2397	2458	2456	0.5	0.5	0	1
4463	2456	2458	2519	2517	0.5	0.5	0	1	4464	2517	2519	2580	2578	0.5	0.5	0	1
4465	2578	2580	2641	2639	0.5	0.5	0	1	4466	2639	2641	2702	2700	0.5	0.5	0	1
4467	2700	2702	2763	2761	0.5	0.5	0	1	4468	2761	2763	2824	2822	0.5	0.5	0	1
4469	2822	2824	2885	2883	0.5	0.5	0	1	4470	2883	2885	2946	2944	0.5	0.5	0	1
4471	2944	2946	3007	3005	0.5	0.5	0	1	4472	3005	3007	3068	3066	0.5	0.5	0	1
4473	3066	3068	3110	3109	0.5	0.5	0	1	4474	913	914	995	993	0.5	0.5	0	1
4475	993	995	1056	1054	0.5	0.5	0	1	4476	1054	1056	1117	1115	0.5	0.5	0	1
4477	1115	1117	1178	1176	0.5	0.5	0	1	4478	1176	1178	1239	1237	0.5	0.5	0	1
4479	1237	1239	1300	1298	0.5	0.5	0	1	4480	1298	1300	1361	1359	0.5	0.5	0	1
4481	1359	1361	1422	1420	0.5	0.5	0	1	4482	1420	1422	1483	1481	0.5	0.5	0	1
4483	1481	1483	1544	1542	0.5	0.5	0	1	4484	1542	1544	1605	1603	0.5	0.5	0	1
4485	1603	1605	1666	1664	0.5	0.5	0	1	4486	1664	1666	1727	1725	0.5	0.5	0	1
4487	1725	1727	1788	1786	0.5	0.5	0	1	4488	1786	1788	1849	1847	0.5	0.5	0	1
4489	1847	1849	1910	1908	0.5	0.5	0	1	4490	1908	1910	1971	1969	0.5	0.5	0	1
4491	1969	1971	2032	2030	0.5	0.5	0	1	4492	2030	2032	2094	2092	0.5	0.5	0	1
4493	2092	2094	2155	2153	0.5	0.5	0	1	4494	2153	2155	2216	2214	0.5	0.5	0	1
4495	2214	2216	2277	2275	0.5	0.5	0	1	4496	2275	2277	2338	2336	0.5	0.5	0	1
4497	2336	2338	2399	2397	0.5	0.5	0	1	4498	2397	2399	2460	2458	0.5	0.5	0	1
4499	2458	2460	2521	2519	0.5	0.5	0	1	4500	2519	2521	2582	2580	0.5	0.5	0	1
4501	2580	2582	2643	2641	0.5	0.5	0	1	4502	2641	2643	2704	2702	0.5	0.5	0	1
4503	2702	2704	2765	2763	0.5	0.5	0	1	4504	2763	2765	2826	2824	0.5	0.5	0	1
4505	2824	2826	2887	2885	0.5	0.5	0	1	4506	2885	2887	2948	2946	0.5	0.5	0	1
4507	2946	2948	3009	3007	0.5	0.5	0	1	4508	3007	3009	3070	3068	0.5	0.5	0	1
4509	3068	3070	3111	3110	0.5	0.5	0	1	4510	914	915	997	995	0.5	0.5	0	1
4511	995	997	1058	1056	0.5	0.5	0	1	4512	1056	1058	1119	1117	0.5	0.5	0	1
4513	1117	1119	1180	1178	0.5	0.5	0	1	4514	1178	1180	1241	1239	0.5	0.5	0	1
4515	1239	1241	1302	1300	0.5	0.5	0	1	4516	1300	1302	1363	1361	0.5	0.5	0	1
4517	1361	1363	1424	1422	0.5	0.5	0	1	4518	1422	1424	1485	1483	0.5	0.5	0	1
4519	1483	1485	1546	1544	0.5	0.5	0	1	4520	1544	1546	1607	1605	0.5	0.5	0	1
4521	1605	1607	1668	1666	0.5	0.5	0	1	4522	1666	1668	1729	1727	0.5	0.5	0	1
4523	1727	1729	1790	1788	0.5	0.5	0	1	4524	1788	1790	1851	1849	0.5	0.5	0	1
4525	1849	1851	1912	1910	0.5	0.5	0	1	4526	1910	1912	1973	1971	0.5	0.5	0	1
4527	1971	1973	2034	2032	0.5	0.5	0	1	4528	2032	2034	2096	2094	0.5	0.5	0	1
4529	2094	2096	2157	2155	0.5	0.5	0	1	4530	2155	2157	2218	2216	0.5	0.5	0	1
4531	2216	2218	2279	2277	0.5	0.5	0	1	4532	2277	2279	2340	2338	0.5	0.5	0	1
4533	2338	2340	2401	2399	0.5	0.5	0	1	4534	2399	2401	2462	2460	0.5	0.5	0	1
4535	2460	2462	2523	2521	0.5	0.5	0	1	4536	2521	2523	2584	2582	0.5	0.5	0	1
4537	2582	2584	2645	2643	0.5	0.5	0	1	4538	2643	2645	2706	2704	0.5	0.5	0	1
4539	2704	2706	2767	2765	0.5	0.5	0	1	4540	2765	2767	2828	2826	0.5	0.5	0	1
4541	2826	2828	2889	2887	0.5	0.5	0	1	4542	2887	2889	2950	2948	0.5	0.5	0	1
4543	2948	2950	3011	3009	0.5	0.5	0	1	4544	3009	3011	3072	3070	0.5	0.5	0	1
4545	3070	3072	3112	3111	0.5	0.5	0	1	4546	915	916	999	997	0.5	0.5	0	1
4547	997	999	1060</														

In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.	In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.
								Ind.									Ind.
4581	3072	3074	3113	3112	0.5	0.5	0	1	4582	916	917	1001	999	0.5	0.5	0	1
4583	999	1001	1062	1060	0.5	0.5	0	1	4584	1060	1062	1123	1121	0.5	0.5	0	1
4585	1121	1123	1184	1182	0.5	0.5	0	1	4586	1182	1184	1245	1243	0.5	0.5	0	1
4587	1243	1245	1306	1304	0.5	0.5	0	1	4588	1304	1306	1367	1365	0.5	0.5	0	1
4589	1365	1367	1428	1426	0.5	0.5	0	1	4590	1426	1428	1489	1487	0.5	0.5	0	1
4591	1487	1489	1550	1548	0.5	0.5	0	1	4592	1548	1550	1611	1609	0.5	0.5	0	1
4593	1609	1611	1672	1670	0.5	0.5	0	1	4594	1670	1672	1733	1731	0.5	0.5	0	1
4595	1731	1733	1794	1792	0.5	0.5	0	1	4596	1792	1794	1855	1853	0.5	0.5	0	1
4597	1853	1855	1916	1914	0.5	0.5	0	1	4598	1914	1916	1977	1975	0.5	0.5	0	1
4599	1975	1977	2038	2036	0.5	0.5	0	1	4600	2036	2038	2100	2098	0.5	0.5	0	1
4601	2098	2100	2161	2159	0.5	0.5	0	1	4602	2159	2161	2222	2220	0.5	0.5	0	1
4603	2220	2222	2283	2281	0.5	0.5	0	1	4604	2281	2283	2344	2342	0.5	0.5	0	1
4605	2342	2344	2405	2403	0.5	0.5	0	1	4606	2403	2405	2466	2464	0.5	0.5	0	1
4607	2464	2466	2527	2525	0.5	0.5	0	1	4608	2525	2527	2588	2586	0.5	0.5	0	1
4609	2586	2588	2649	2647	0.5	0.5	0	1	4610	2647	2649	2710	2708	0.5	0.5	0	1
4611	2708	2710	2771	2769	0.5	0.5	0	1	4612	2769	2771	2832	2830	0.5	0.5	0	1
4613	2830	2832	2893	2891	0.5	0.5	0	1	4614	2891	2893	2954	2952	0.5	0.5	0	1
4615	2952	2954	3015	3013	0.5	0.5	0	1	4616	3013	3015	3076	3074	0.5	0.5	0	1
4617	3074	3076	3114	3113	0.5	0.5	0	1	4618	917	918	1003	1001	0.5	0.5	0	1
4619	1001	1003	1064	1062	0.5	0.5	0	1	4620	1062	1064	1125	1123	0.5	0.5	0	1
4621	1123	1125	1186	1184	0.5	0.5	0	1	4622	1184	1186	1247	1245	0.5	0.5	0	1
4623	1245	1247	1308	1306	0.5	0.5	0	1	4624	1306	1308	1369	1367	0.5	0.5	0	1
4625	1367	1369	1430	1428	0.5	0.5	0	1	4626	1428	1430	1491	1489	0.5	0.5	0	1
4627	1489	1491	1552	1550	0.5	0.5	0	1	4628	1550	1552	1613	1611	0.5	0.5	0	1
4629	1611	1613	1674	1672	0.5	0.5	0	1	4630	1672	1674	1735	1733	0.5	0.5	0	1
4631	1733	1735	1796	1794	0.5	0.5	0	1	4632	1794	1796	1857	1855	0.5	0.5	0	1
4633	1855	1857	1918	1916	0.5	0.5	0	1	4634	1916	1918	1979	1977	0.5	0.5	0	1
4635	1977	1979	2040	2038	0.5	0.5	0	1	4636	2038	2040	2102	2100	0.5	0.5	0	1
4637	2100	2102	2163	2161	0.5	0.5	0	1	4638	2161	2163	2224	2222	0.5	0.5	0	1
4639	2222	2224	2285	2283	0.5	0.5	0	1	4640	2283	2285	2346	2344	0.5	0.5	0	1
4641	2344	2346	2407	2405	0.5	0.5	0	1	4642	2405	2407	2468	2466	0.5	0.5	0	1
4643	2466	2468	2529	2527	0.5	0.5	0	1	4644	2527	2529	2590	2588	0.5	0.5	0	1
4645	2588	2590	2651	2649	0.5	0.5	0	1	4646	2649	2651	2712	2710	0.5	0.5	0	1
4647	2710	2712	2773	2771	0.5	0.5	0	1	4648	2771	2773	2834	2832	0.5	0.5	0	1
4649	2832	2834	2895	2893	0.5	0.5	0	1	4650	2893	2895	2956	2954	0.5	0.5	0	1
4651	2954	2956	3017	3015	0.5	0.5	0	1	4652	3015	3017	3078	3076	0.5	0.5	0	1
4653	3076	3078	3115	3114	0.5	0.5	0	1	4654	918	919	1005	1003	0.5	0.5	0	1
4655	1003	1005	1066	1064	0.5	0.5	0	1	4656	1064	1066	1127	1125	0.5	0.5	0	1
4657	1125	1127	1188	1186	0.5	0.5	0	1	4658	1186	1188	1249	1247	0.5	0.5	0	1
4659	1247	1249	1310	1308	0.5	0.5	0	1	4660	1308	1310	1371	1369	0.5	0.5	0	1
4661	1369	1371	1432	1430	0.5	0.5	0	1	4662	1430	1432	1493	1491	0.5	0.5	0	1
4663	1491	1493	1554	1552	0.5	0.5	0	1	4664	1552	1554	1615	1613	0.5	0.5	0	1
4665	1613	1615	1676	1674	0.5	0.5	0	1	4666	1674	1676	1737	1735	0.5	0.5	0	1
4667	1735	1737	1798	1796	0.5	0.5	0	1	4668	1796	1798	1859	1857	0.5	0.5	0	1
4669	1857	1859	1920	1918	0.5	0.5	0	1	4670	1918	1920	1981	1979	0.5	0.5	0	1
4671	1979	1981	2042	2040	0.5	0.5	0	1	4672	2040	2042	2104	2102	0.5	0.5	0	1
4673	2102	2104	2165	2163	0.5	0.5	0	1	4674	2163	2165	2226	2224	0.5	0.5	0	1
4675	2224	2226	2287	2285	0.5	0.5	0	1	4676	2285	2287	2348	2346	0.5	0.5	0	1
4677	2346	2348	2409	2407	0.5	0.5	0	1	4678	2407	2409	2470	2468	0.5	0.5	0	1
4679	2468	2470	2531	2529	0.5	0.5	0	1	4680	2529	2531	2592	2590	0.5	0.5	0	1
4681	2590	2592	2653	2651	0.5	0.5	0	1	4682	2651	2653	2714	2712	0.5	0.5	0	1
4683	2712	2714	2775	2773	0.5	0.5	0	1	4684	2773	2775	2836	2834	0.5	0.5	0	1
4685	2834	2836	2897	2895	0.5	0.5	0	1	4686	2895	2897	2958	2956	0.5	0.5	0	1
4687	2956	2958	3019	3017	0.5	0.5	0	1	4688	3017	3019	3080	3078	0.5	0.5	0	1
4689	3078	3080	3116	3115	0.5	0.5	0	1	4690	919	920	1007	1005	0.5	0.5	0	1
4691	1005	1007	1068	1066	0.5	0.5	0	1	4692	1066	1068	1129	1127	0.5	0.5	0	1
4693	1127	1129	1190	1188	0.5	0.5	0	1	4694	1188	1190	1251	1249	0.5	0.5	0	1
4695	1249	1251	1312	1310	0.5	0.5	0	1	4696	1310	1312	1373	1371	0.5	0.5	0	1
4697	1371	1373	1434	1432	0.5	0.5	0	1	4698	1432	1434	1495	1493	0.5	0.5	0	1
4699	1493	1495	1556	1554	0.5	0.5	0	1	4700	1554	1556	1617	1615	0.5	0.5	0	1
4701	1615	1617	1678	1676	0.5	0.5	0	1	4702	1676	1678	1739	1737	0.5	0.5	0	1
4703	1737	1739	1800	1798	0.5	0.5	0	1	4704	1798	1800	1861	1859	0.5	0.5	0	1
4705	1859	1861	1922	1920	0.5	0.5	0	1	4706	1920	1922	1983	1981	0.5	0.5	0	1
4707	1981	1983	2044	2042	0.5	0.5	0	1	4708	2042	2044	2106	2104	0.5	0.5	0	1
4709	2104	2106	2167	2165	0.5	0.5	0	1	4710	2165	2167	2228	2226	0.5	0.5	0	1
4711	2226	2228	2289	2287	0.5	0.5	0	1	4712	2287	2289	2350	2348	0.5	0.5	0	1
4713	2348	2350	2411	2409	0.5	0.5	0	1	4714	2409	2411	2472	2470	0.5	0.5	0	1
4715	2470	2472	2533	2531	0.5	0.5	0	1	4716	2531	2533	2594	2592	0.5	0.5	0	1
4717	2592	2594	2655	2653	0.5	0.5	0	1	4718	2653	2655	2716	2714	0.5	0.5	0	1
4719	2714	2716	2777	2775	0.5	0.5	0	1	4720	2775	2777	2838	2836	0.5	0.5	0	1
4721	2836	2838	2899	2897	0.5	0.5	0	1	4722	2897	2899	2960	2958	0.5	0.5	0	1
4723	2958	2960	3021	3019	0.5	0.5	0	1	4724	3019	3021	3082	3080	0.5	0.5	0	1
4725	3080	3082	3117	3116	0.5	0.5	0	1	4726	920	921	1009	1007	0.5	0.5	0	1
4727	1007	1009	1070	1068	0.5	0.5	0	1	4728	1068	1070	1131	1129	0.5	0.5	0	1
4729	1129	1131	1192	1190	0.5	0.5	0	1	4730	1190	1192	1253	1251	0.5	0.5	0	1
4731	1251	1253	1314	1312	0.5	0.5	0	1	4732	1312	1314	1375	1373	0.5	0.5	0	1
4733	1373	1375	1436	1434	0.5	0.5	0	1	4734	1434	1436	1497	1495	0.5	0.5	0	1
4735	1495	1497	1558	1556	0.5	0.5	0	1	4736	1556	1558	1619	1617	0.5	0.5	0	1
4737	1617	1619	1680	1678	0.5	0.5	0	1	4738	1678	1680	1741	1739	0.5	0.5	0	1
4739	1739	1741	1802	1800	0.5	0.5	0	1	4740	1800	1802	1863	1861	0.5	0.5	0	1
4741	1861	1															

In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.	In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.
								Ind.									Ind.
4775	1741	1743	1804	1802	0.5	0.5	0	1	4776	1802	1804	1865	1863	0.5	0.5	0	1
4777	1863	1865	1926	1924	0.5	0.5	0	1	4778	1924	1926	1987	1985	0.5	0.5	0	1
4779	1985	1987	2048	2046	0.5	0.5	0	1	4780	2046	2048	2110	2108	0.5	0.5	0	1
4781	2108	2110	2171	2169	0.5	0.5	0	1	4782	2169	2171	2232	2230	0.5	0.5	0	1
4783	2230	2232	2293	2291	0.5	0.5	0	1	4784	2291	2293	2354	2352	0.5	0.5	0	1
4785	2352	2354	2415	2413	0.5	0.5	0	1	4786	2413	2415	2476	2474	0.5	0.5	0	1
4787	2474	2476	2537	2535	0.5	0.5	0	1	4788	2535	2537	2598	2596	0.5	0.5	0	1
4789	2596	2598	2659	2657	0.5	0.5	0	1	4790	2657	2659	2720	2718	0.5	0.5	0	1
4791	2718	2720	2781	2779	0.5	0.5	0	1	4792	2779	2781	2842	2840	0.5	0.5	0	1
4793	2840	2842	2903	2901	0.5	0.5	0	1	4794	2901	2903	2964	2962	0.5	0.5	0	1
4795	2962	2964	3025	3023	0.5	0.5	0	1	4796	3023	3025	3086	3084	0.5	0.5	0	1
4797	3084	3086	3119	3118	0.5	0.5	0	1	4798	922	923	1013	1011	0.5	0.5	0	1
4799	1011	1013	1074	1072	0.5	0.5	0	1	4800	1072	1074	1135	1133	0.5	0.5	0	1
4801	1133	1135	1196	1194	0.5	0.5	0	1	4802	1194	1196	1257	1255	0.5	0.5	0	1
4803	1255	1257	1318	1316	0.5	0.5	0	1	4804	1316	1318	1379	1377	0.5	0.5	0	1
4805	1377	1379	1440	1438	0.5	0.5	0	1	4806	1438	1440	1501	1499	0.5	0.5	0	1
4807	1499	1501	1562	1560	0.5	0.5	0	1	4808	1560	1562	1623	1621	0.5	0.5	0	1
4809	1621	1623	1684	1682	0.5	0.5	0	1	4810	1682	1684	1745	1743	0.5	0.5	0	1
4811	1743	1745	1806	1804	0.5	0.5	0	1	4812	1804	1806	1867	1865	0.5	0.5	0	1
4813	1865	1867	1928	1926	0.5	0.5	0	1	4814	1926	1928	1989	1987	0.5	0.5	0	1
4815	1987	1989	2050	2048	0.5	0.5	0	1	4816	2048	2050	2112	2110	0.5	0.5	0	1
4817	2110	2112	2173	2171	0.5	0.5	0	1	4818	2171	2173	2234	2232	0.5	0.5	0	1
4819	2232	2234	2295	2293	0.5	0.5	0	1	4820	2293	2295	2356	2354	0.5	0.5	0	1
4821	2354	2356	2417	2415	0.5	0.5	0	1	4822	2415	2417	2478	2476	0.5	0.5	0	1
4823	2476	2478	2539	2537	0.5	0.5	0	1	4824	2537	2539	2600	2598	0.5	0.5	0	1
4825	2598	2600	2661	2659	0.5	0.5	0	1	4826	2659	2661	2722	2720	0.5	0.5	0	1
4827	2720	2722	2783	2781	0.5	0.5	0	1	4828	2781	2783	2844	2842	0.5	0.5	0	1
4829	2842	2844	2905	2903	0.5	0.5	0	1	4830	2903	2905	2966	2964	0.5	0.5	0	1
4831	2964	2966	3027	3025	0.5	0.5	0	1	4832	3025	3027	3088	3086	0.5	0.5	0	1
4833	3086	3088	3120	3119	0.5	0.5	0	1	4834	923	924	1015	1013	0.5	0.5	0	1
4835	1013	1015	1076	1074	0.5	0.5	0	1	4836	1074	1076	1137	1135	0.5	0.5	0	1
4837	1135	1137	1198	1196	0.5	0.5	0	1	4838	1196	1198	1259	1257	0.5	0.5	0	1
4839	1257	1259	1320	1318	0.5	0.5	0	1	4840	1318	1320	1381	1379	0.5	0.5	0	1
4841	1379	1381	1442	1440	0.5	0.5	0	1	4842	1440	1442	1503	1501	0.5	0.5	0	1
4843	1501	1503	1564	1562	0.5	0.5	0	1	4844	1562	1564	1625	1623	0.5	0.5	0	1
4845	1623	1625	1686	1684	0.5	0.5	0	1	4846	1684	1686	1747	1745	0.5	0.5	0	1
4847	1745	1747	1808	1806	0.5	0.5	0	1	4848	1806	1808	1869	1867	0.5	0.5	0	1
4849	1867	1869	1930	1928	0.5	0.5	0	1	4850	1928	1930	1991	1989	0.5	0.5	0	1
4851	1989	1991	2052	2050	0.5	0.5	0	1	4852	2050	2052	2114	2112	0.5	0.5	0	1
4853	2112	2114	2175	2173	0.5	0.5	0	1	4854	2173	2175	2236	2234	0.5	0.5	0	1
4855	2234	2236	2297	2295	0.5	0.5	0	1	4856	2295	2297	2358	2356	0.5	0.5	0	1
4857	2356	2358	2419	2417	0.5	0.5	0	1	4858	2417	2419	2480	2478	0.5	0.5	0	1
4859	2478	2480	2541	2539	0.5	0.5	0	1	4860	2539	2541	2602	2600	0.5	0.5	0	1
4861	2600	2602	2663	2661	0.5	0.5	0	1	4862	2661	2663	2724	2722	0.5	0.5	0	1
4863	2722	2724	2785	2783	0.5	0.5	0	1	4864	2783	2785	2846	2844	0.5	0.5	0	1
4865	2844	2846	2907	2905	0.5	0.5	0	1	4866	2905	2907	2968	2966	0.5	0.5	0	1
4867	2966	2968	3029	3027	0.5	0.5	0	1	4868	3027	3029	3090	3088	0.5	0.5	0	1
4869	3088	3090	3121	3120	0.5	0.5	0	1	4870	924	925	1014	1012	0.5	0.5	0	1
4871	1015	1014	1075	1076	0.5	0.5	0	1	4872	1076	1075	1136	1137	0.5	0.5	0	1
4873	1137	1136	1197	1198	0.5	0.5	0	1	4874	1198	1197	1258	1259	0.5	0.5	0	1
4875	1259	1258	1319	1320	0.5	0.5	0	1	4876	1320	1319	1380	1381	0.5	0.5	0	1
4877	1381	1380	1441	1442	0.5	0.5	0	1	4878	1442	1441	1502	1503	0.5	0.5	0	1
4879	1503	1502	1563	1564	0.5	0.5	0	1	4880	1564	1563	1624	1625	0.5	0.5	0	1
4881	1625	1624	1685	1686	0.5	0.5	0	1	4882	1686	1685	1746	1747	0.5	0.5	0	1
4883	1747	1746	1807	1808	0.5	0.5	0	1	4884	1808	1807	1868	1869	0.5	0.5	0	1
4885	1869	1868	1929	1930	0.5	0.5	0	1	4886	1930	1929	1990	1991	0.5	0.5	0	1
4887	1991	1990	2051	2052	0.5	0.5	0	1	4888	2052	2051	2113	2114	0.5	0.5	0	1
4889	2114	2113	2174	2175	0.5	0.5	0	1	4890	2175	2174	2235	2236	0.5	0.5	0	1
4891	2236	2235	2296	2297	0.5	0.5	0	1	4892	2297	2296	2357	2358	0.5	0.5	0	1
4893	2358	2357	2418	2419	0.5	0.5	0	1	4894	2419	2418	2479	2480	0.5	0.5	0	1
4895	2480	2479	2540	2541	0.5	0.5	0	1	4896	2541	2540	2601	2602	0.5	0.5	0	1
4897	2602	2601	2662	2663	0.5	0.5	0	1	4898	2663	2662	2723	2724	0.5	0.5	0	1
4899	2724	2723	2784	2785	0.5	0.5	0	1	4900	2785	2784	2845	2846	0.5	0.5	0	1
4901	2846	2845	2906	2907	0.5	0.5	0	1	4902	2907	2906	2967	2968	0.5	0.5	0	1
4903	2968	2967	3028	3029	0.5	0.5	0	1	4904	3029	3028	3089	3090	0.5	0.5	0	1
4905	3090	3089	3122	3121	0.5	0.5	0	1	4906	925	926	1012	1014	0.5	0.5	0	1
4907	1014	1012	1073	1075	0.5	0.5	0	1	4908	1075	1073	1134	1136	0.5	0.5	0	1
4909	1136	1134	1195	1197	0.5	0.5	0	1	4910	1197	1195	1256	1258	0.5	0.5	0	1
4911	1258	1256	1317	1319	0.5	0.5	0	1	4912	1319	1317	1378	1380	0.5	0.5	0	1
4913	1380	1378	1439	1441	0.5	0.5	0	1	4914	1441	1439	1500	1502	0.5	0.5	0	1
4915	1502	1500	1561	1563	0.5	0.5	0	1	4916	1563	1561	1622	1624	0.5	0.5	0	1
4917	1624	1622	1683	1685	0.5	0.5	0	1	4918	1685	1683	1744	1746	0.5	0.5	0	1
4919	1746	1744	1805	1807	0.5	0.5	0	1	4920	1807	1805	1866	1868	0.5	0.5	0	1
4921	1868	1866	1927	1929	0.5	0.5	0	1	4922	1929	1927	1988	1990	0.5	0.5	0	1
4923	1990	1988	2049	2051	0.5	0.5	0	1	4924	2051	2049	2111	2113	0.5	0.5	0	1
4925	2113	2111	2172	2174	0.5	0.5	0	1	4926	2174	2172	2233	2235	0.5	0.5	0	1
4927	2235	2233	2294	2296	0.5	0.5	0	1	4928	2296	2294	2355	2357	0.5	0.5	0	1
4929	2357	2355	2416	2418	0.5	0.5	0	1	4930	2418	2416	2477	2479	0.5	0.5	0	1
4931	2479	2477	2538	2540	0.5	0.5	0	1	4932	2540	2538	2599	2601	0.5	0.5	0	1
4933	2601	2599	2660	2662	0.5	0.5	0	1	4934	2662	2660	2721	2723	0.5	0.5	0	1
4935	2723																

In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.	In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.
								Ind.									Ind.
4969	2599	2597	2658	2660	0.5	0.5	0	1	4970	2660	2658	2719	2721	0.5	0.5	0	1
4971	2721	2719	2780	2782	0.5	0.5	0	1	4972	2782	2780	2841	2843	0.5	0.5	0	1
4973	2843	2841	2902	2904	0.5	0.5	0	1	4974	2904	2902	2963	2965	0.5	0.5	0	1
4975	2965	2963	3024	3026	0.5	0.5	0	1	4976	3026	3024	3085	3087	0.5	0.5	0	1
4977	3087	3085	3124	3123	0.5	0.5	0	1	4978	927	928	1008	1010	0.5	0.5	0	1
4979	1010	1008	1069	1071	0.5	0.5	0	1	4980	1071	1069	1130	1132	0.5	0.5	0	1
4981	1132	1130	1191	1193	0.5	0.5	0	1	4982	1193	1191	1252	1254	0.5	0.5	0	1
4983	1254	1252	1313	1315	0.5	0.5	0	1	4984	1315	1313	1374	1376	0.5	0.5	0	1
4985	1376	1374	1435	1437	0.5	0.5	0	1	4986	1437	1435	1496	1498	0.5	0.5	0	1
4987	1498	1496	1557	1559	0.5	0.5	0	1	4988	1559	1557	1618	1620	0.5	0.5	0	1
4989	1620	1618	1679	1681	0.5	0.5	0	1	4990	1681	1679	1740	1742	0.5	0.5	0	1
4991	1742	1740	1801	1803	0.5	0.5	0	1	4992	1803	1801	1862	1864	0.5	0.5	0	1
4993	1864	1862	1923	1925	0.5	0.5	0	1	4994	1925	1923	1984	1986	0.5	0.5	0	1
4995	1986	1984	2045	2047	0.5	0.5	0	1	4996	2047	2045	2107	2109	0.5	0.5	0	1
4997	2109	2107	2168	2170	0.5	0.5	0	1	4998	2170	2168	2229	2231	0.5	0.5	0	1
4999	2231	2229	2290	2292	0.5	0.5	0	1	5000	2292	2290	2351	2353	0.5	0.5	0	1
5001	2353	2351	2412	2414	0.5	0.5	0	1	5002	2414	2412	2473	2475	0.5	0.5	0	1
5003	2475	2473	2534	2536	0.5	0.5	0	1	5004	2536	2534	2595	2597	0.5	0.5	0	1
5005	2597	2595	2656	2658	0.5	0.5	0	1	5006	2658	2656	2717	2719	0.5	0.5	0	1
5007	2719	2717	2778	2780	0.5	0.5	0	1	5008	2780	2778	2839	2841	0.5	0.5	0	1
5009	2841	2839	2900	2902	0.5	0.5	0	1	5010	2902	2900	2961	2963	0.5	0.5	0	1
5011	2963	2961	3022	3024	0.5	0.5	0	1	5012	3024	3022	3083	3085	0.5	0.5	0	1
5013	3085	3083	3125	3124	0.5	0.5	0	1	5014	928	929	1006	1008	0.5	0.5	0	1
5015	1008	1006	1067	1069	0.5	0.5	0	1	5016	1069	1067	1128	1130	0.5	0.5	0	1
5017	1130	1128	1189	1191	0.5	0.5	0	1	5018	1191	1189	1250	1252	0.5	0.5	0	1
5019	1252	1250	1311	1313	0.5	0.5	0	1	5020	1313	1311	1372	1374	0.5	0.5	0	1
5021	1374	1372	1433	1435	0.5	0.5	0	1	5022	1435	1433	1494	1496	0.5	0.5	0	1
5023	1496	1494	1555	1557	0.5	0.5	0	1	5024	1557	1555	1616	1618	0.5	0.5	0	1
5025	1618	1616	1677	1679	0.5	0.5	0	1	5026	1679	1677	1738	1740	0.5	0.5	0	1
5027	1740	1738	1799	1801	0.5	0.5	0	1	5028	1801	1799	1860	1862	0.5	0.5	0	1
5029	1862	1860	1921	1923	0.5	0.5	0	1	5030	1923	1921	1982	1984	0.5	0.5	0	1
5031	1984	1982	2043	2045	0.5	0.5	0	1	5032	2045	2043	2105	2107	0.5	0.5	0	1
5033	2107	2105	2166	2168	0.5	0.5	0	1	5034	2168	2166	2227	2229	0.5	0.5	0	1
5035	2229	2227	2288	2290	0.5	0.5	0	1	5036	2290	2288	2349	2351	0.5	0.5	0	1
5037	2351	2349	2410	2412	0.5	0.5	0	1	5038	2412	2410	2471	2473	0.5	0.5	0	1
5039	2473	2471	2532	2534	0.5	0.5	0	1	5040	2534	2532	2593	2595	0.5	0.5	0	1
5041	2595	2593	2654	2656	0.5	0.5	0	1	5042	2656	2654	2715	2717	0.5	0.5	0	1
5043	2717	2715	2776	2778	0.5	0.5	0	1	5044	2778	2776	2837	2839	0.5	0.5	0	1
5045	2839	2837	2898	2900	0.5	0.5	0	1	5046	2900	2898	2959	2961	0.5	0.5	0	1
5047	2961	2959	3020	3022	0.5	0.5	0	1	5048	3022	3020	3081	3083	0.5	0.5	0	1
5049	3083	3081	3126	3125	0.5	0.5	0	1	5050	929	930	1004	1006	0.5	0.5	0	1
5051	1006	1004	1065	1067	0.5	0.5	0	1	5052	1067	1065	1126	1128	0.5	0.5	0	1
5053	1128	1126	1187	1189	0.5	0.5	0	1	5054	1189	1187	1248	1250	0.5	0.5	0	1
5055	1250	1248	1309	1311	0.5	0.5	0	1	5056	1311	1309	1370	1372	0.5	0.5	0	1
5057	1372	1370	1431	1433	0.5	0.5	0	1	5058	1433	1431	1492	1494	0.5	0.5	0	1
5059	1494	1492	1553	1555	0.5	0.5	0	1	5060	1555	1553	1614	1616	0.5	0.5	0	1
5061	1616	1614	1675	1677	0.5	0.5	0	1	5062	1677	1675	1736	1738	0.5	0.5	0	1
5063	1738	1736	1797	1799	0.5	0.5	0	1	5064	1799	1797	1858	1860	0.5	0.5	0	1
5065	1860	1858	1919	1921	0.5	0.5	0	1	5066	1921	1919	1980	1982	0.5	0.5	0	1
5067	1982	1980	2041	2043	0.5	0.5	0	1	5068	2043	2041	2103	2105	0.5	0.5	0	1
5069	2105	2103	2164	2166	0.5	0.5	0	1	5070	2166	2164	2225	2227	0.5	0.5	0	1
5071	2227	2225	2286	2288	0.5	0.5	0	1	5072	2288	2286	2347	2349	0.5	0.5	0	1
5073	2349	2347	2408	2410	0.5	0.5	0	1	5074	2410	2408	2469	2471	0.5	0.5	0	1
5075	2471	2469	2530	2532	0.5	0.5	0	1	5076	2532	2530	2591	2593	0.5	0.5	0	1
5077	2593	2591	2652	2654	0.5	0.5	0	1	5078	2654	2652	2713	2715	0.5	0.5	0	1
5079	2715	2713	2774	2776	0.5	0.5	0	1	5080	2776	2774	2835	2837	0.5	0.5	0	1
5081	2837	2835	2896	2898	0.5	0.5	0	1	5082	2898	2896	2957	2959	0.5	0.5	0	1
5083	2959	2957	3018	3020	0.5	0.5	0	1	5084	3020	3018	3079	3081	0.5	0.5	0	1
5085	3081	3079	3127	3126	0.5	0.5	0	1	5086	930	931	1002	1004	0.5	0.5	0	1
5087	1004	1002	1063	1065	0.5	0.5	0	1	5088	1065	1063	1124	1126	0.5	0.5	0	1
5089	1126	1124	1185	1187	0.5	0.5	0	1	5090	1187	1185	1246	1248	0.5	0.5	0	1
5091	1248	1246	1307	1309	0.5	0.5	0	1	5092	1309	1307	1368	1370	0.5	0.5	0	1
5093	1370	1368	1429	1431	0.5	0.5	0	1	5094	1431	1429	1490	1492	0.5	0.5	0	1
5095	1492	1490	1551	1553	0.5	0.5	0	1	5096	1553	1551	1612	1614	0.5	0.5	0	1
5097	1614	1612	1673	1675	0.5	0.5	0	1	5098	1675	1673	1734	1736	0.5	0.5	0	1
5099	1736	1734	1795	1797	0.5	0.5	0	1	5100	1797	1795	1856	1858	0.5	0.5	0	1
5101	1858	1856	1917	1919	0.5	0.5	0	1	5102	1919	1917	1978	1980	0.5	0.5	0	1
5103	1980	1978	2039	2041	0.5	0.5	0	1	5104	2041	2039	2101	2103	0.5	0.5	0	1
5105	2103	2101	2162	2164	0.5	0.5	0	1	5106	2164	2162	2223	2225	0.5	0.5	0	1
5107	2225	2223	2284	2286	0.5	0.5	0	1	5108	2286	2284	2345	2347	0.5	0.5	0	1
5109	2347	2345	2406	2408	0.5	0.5	0	1	5110	2408	2406	2467	2469	0.5	0.5	0	1
5111	2469	2467	2528	2530	0.5	0.5	0	1	5112	2530	2528	2589	2591	0.5	0.5	0	1
5113	2591	2589	2650	2652	0.5	0.5	0	1	5114	2652	2650	2711	2713	0.5	0.5	0	1
5115	2713	2711	2772	2774	0.5	0.5	0	1	5116	2774	2772	2833	2835	0.5	0.5	0	1
5117	2835	2833	2894	2896	0.5	0.5	0	1	5118	2896	2894	2955	2957	0.5	0.5	0	1
5119	2957	2955	3016	3018	0.5	0.5	0	1	5120	3018	3016	3077	3079	0.5	0.5	0	1
5121	3079	3077	3128	3127	0.5	0.5	0	1	5122	931	932	1000	1002	0.5	0.5	0	1
5123	1002	1000	1061	1063	0.5	0.5	0	1	5124	1063	1061	1122	1124	0.5	0.5	0	1
5125	1124	1122	1183	1185	0.5	0.5	0	1	5126	1185	1183	1244	1246	0.5	0.5	0	1
5127	1246	1244	1305	1307	0.5	0.5	0	1	5128	1307	1305	1366	1368	0.5	0.5	0	1
5129	1368																

Vano di equalizzazione e sedimentazione meccanica

In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.	In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.
								Ind.									Ind.
5163	1244	1242	1303	1305	0.5	0.5	0	1	5164	1305	1303	1364	1366	0.5	0.5	0	1
5165	1366	1364	1425	1427	0.5	0.5	0	1	5166	1427	1425	1486	1488	0.5	0.5	0	1
5167	1488	1486	1547	1549	0.5	0.5	0	1	5168	1549	1547	1608	1610	0.5	0.5	0	1
5169	1610	1608	1669	1671	0.5	0.5	0	1	5170	1671	1669	1730	1732	0.5	0.5	0	1
5171	1732	1730	1791	1793	0.5	0.5	0	1	5172	1793	1791	1852	1854	0.5	0.5	0	1
5173	1854	1852	1913	1915	0.5	0.5	0	1	5174	1915	1913	1974	1976	0.5	0.5	0	1
5175	1976	1974	2035	2037	0.5	0.5	0	1	5176	2037	2035	2097	2099	0.5	0.5	0	1
5177	2099	2097	2158	2160	0.5	0.5	0	1	5178	2160	2158	2219	2221	0.5	0.5	0	1
5179	2221	2219	2280	2282	0.5	0.5	0	1	5180	2282	2280	2341	2343	0.5	0.5	0	1
5181	2343	2341	2402	2404	0.5	0.5	0	1	5182	2404	2402	2463	2465	0.5	0.5	0	1
5183	2465	2463	2524	2526	0.5	0.5	0	1	5184	2526	2524	2585	2587	0.5	0.5	0	1
5185	2587	2585	2646	2648	0.5	0.5	0	1	5186	2648	2646	2707	2709	0.5	0.5	0	1
5187	2709	2707	2768	2770	0.5	0.5	0	1	5188	2770	2768	2829	2831	0.5	0.5	0	1
5189	2831	2829	2890	2892	0.5	0.5	0	1	5190	2892	2890	2951	2953	0.5	0.5	0	1
5191	2953	2951	3012	3014	0.5	0.5	0	1	5192	3014	3012	3073	3075	0.5	0.5	0	1
5193	3075	3073	3130	3129	0.5	0.5	0	1	5194	933	934	996	998	0.5	0.5	0	1
5195	998	996	1057	1059	0.5	0.5	0	1	5196	1059	1057	1118	1120	0.5	0.5	0	1
5197	1120	1118	1179	1181	0.5	0.5	0	1	5198	1181	1179	1240	1242	0.5	0.5	0	1
5199	1242	1240	1301	1303	0.5	0.5	0	1	5200	1303	1301	1362	1364	0.5	0.5	0	1
5201	1364	1362	1423	1425	0.5	0.5	0	1	5202	1425	1423	1484	1486	0.5	0.5	0	1
5203	1486	1484	1545	1547	0.5	0.5	0	1	5204	1547	1545	1606	1608	0.5	0.5	0	1
5205	1608	1606	1667	1669	0.5	0.5	0	1	5206	1669	1667	1728	1730	0.5	0.5	0	1
5207	1730	1728	1789	1791	0.5	0.5	0	1	5208	1791	1789	1850	1852	0.5	0.5	0	1
5209	1852	1850	1911	1913	0.5	0.5	0	1	5210	1913	1911	1972	1974	0.5	0.5	0	1
5211	1974	1972	2033	2035	0.5	0.5	0	1	5212	2035	2033	2095	2097	0.5	0.5	0	1
5213	2097	2095	2156	2158	0.5	0.5	0	1	5214	2158	2156	2217	2219	0.5	0.5	0	1
5215	2219	2217	2278	2280	0.5	0.5	0	1	5216	2280	2278	2339	2341	0.5	0.5	0	1
5217	2341	2339	2400	2402	0.5	0.5	0	1	5218	2402	2400	2461	2463	0.5	0.5	0	1
5219	2463	2461	2522	2524	0.5	0.5	0	1	5220	2524	2522	2583	2585	0.5	0.5	0	1
5221	2585	2583	2644	2646	0.5	0.5	0	1	5222	2646	2644	2705	2707	0.5	0.5	0	1
5223	2707	2705	2766	2768	0.5	0.5	0	1	5224	2768	2766	2827	2829	0.5	0.5	0	1
5225	2829	2827	2888	2890	0.5	0.5	0	1	5226	2890	2888	2949	2951	0.5	0.5	0	1
5227	2951	2949	3010	3012	0.5	0.5	0	1	5228	3012	3010	3071	3073	0.5	0.5	0	1
5229	3073	3071	3131	3130	0.5	0.5	0	1	5230	934	935	994	996	0.5	0.5	0	1
5231	996	994	1055	1057	0.5	0.5	0	1	5232	1057	1055	1116	1118	0.5	0.5	0	1
5233	1118	1116	1177	1179	0.5	0.5	0	1	5234	1179	1177	1238	1240	0.5	0.5	0	1
5235	1240	1238	1299	1301	0.5	0.5	0	1	5236	1301	1299	1360	1362	0.5	0.5	0	1
5237	1362	1360	1421	1423	0.5	0.5	0	1	5238	1423	1421	1482	1484	0.5	0.5	0	1
5239	1484	1482	1543	1545	0.5	0.5	0	1	5240	1545	1543	1604	1606	0.5	0.5	0	1
5241	1606	1604	1665	1667	0.5	0.5	0	1	5242	1667	1665	1726	1728	0.5	0.5	0	1
5243	1728	1726	1787	1789	0.5	0.5	0	1	5244	1789	1787	1848	1850	0.5	0.5	0	1
5245	1850	1848	1909	1911	0.5	0.5	0	1	5246	1911	1909	1970	1972	0.5	0.5	0	1
5247	1972	1970	2031	2033	0.5	0.5	0	1	5248	2033	2031	2093	2095	0.5	0.5	0	1
5249	2095	2093	2154	2156	0.5	0.5	0	1	5250	2156	2154	2215	2217	0.5	0.5	0	1
5251	2217	2215	2276	2278	0.5	0.5	0	1	5252	2278	2276	2337	2339	0.5	0.5	0	1
5253	2339	2337	2398	2400	0.5	0.5	0	1	5254	2400	2398	2459	2461	0.5	0.5	0	1
5255	2461	2459	2520	2522	0.5	0.5	0	1	5256	2522	2520	2581	2583	0.5	0.5	0	1
5257	2583	2581	2642	2644	0.5	0.5	0	1	5258	2644	2642	2703	2705	0.5	0.5	0	1
5259	2705	2703	2764	2766	0.5	0.5	0	1	5260	2766	2764	2825	2827	0.5	0.5	0	1
5261	2827	2825	2886	2888	0.5	0.5	0	1	5262	2888	2886	2947	2949	0.5	0.5	0	1
5263	2949	2947	3008	3010	0.5	0.5	0	1	5264	3010	3008	3069	3071	0.5	0.5	0	1
5265	3071	3069	3132	3131	0.5	0.5	0	1	5266	935	936	992	994	0.5	0.5	0	1
5267	994	992	1053	1055	0.5	0.5	0	1	5268	1055	1053	1114	1116	0.5	0.5	0	1
5269	1116	1114	1175	1177	0.5	0.5	0	1	5270	1177	1175	1236	1238	0.5	0.5	0	1
5271	1238	1236	1297	1299	0.5	0.5	0	1	5272	1299	1297	1358	1360	0.5	0.5	0	1
5273	1360	1358	1419	1421	0.5	0.5	0	1	5274	1421	1419	1480	1482	0.5	0.5	0	1
5275	1482	1480	1541	1543	0.5	0.5	0	1	5276	1543	1541	1602	1604	0.5	0.5	0	1
5277	1604	1602	1663	1665	0.5	0.5	0	1	5278	1665	1663	1724	1726	0.5	0.5	0	1
5279	1726	1724	1785	1787	0.5	0.5	0	1	5280	1787	1785	1846	1848	0.5	0.5	0	1
5281	1848	1846	1907	1909	0.5	0.5	0	1	5282	1909	1907	1968	1970	0.5	0.5	0	1
5283	1970	1968	2029	2031	0.5	0.5	0	1	5284	2031	2029	2091	2093	0.5	0.5	0	1
5285	2093	2091	2152	2154	0.5	0.5	0	1	5286	2154	2152	2213	2215	0.5	0.5	0	1
5287	2215	2213	2274	2276	0.5	0.5	0	1	5288	2276	2274	2335	2337	0.5	0.5	0	1
5289	2337	2335	2396	2398	0.5	0.5	0	1	5290	2398	2396	2457	2459	0.5	0.5	0	1
5291	2459	2457	2518	2520	0.5	0.5	0	1	5292	2520	2518	2579	2581	0.5	0.5	0	1
5293	2581	2579	2640	2642	0.5	0.5	0	1	5294	2642	2640	2701	2703	0.5	0.5	0	1
5295	2703	2701	2762	2764	0.5	0.5	0	1	5296	2764	2762	2823	2825	0.5	0.5	0	1
5297	2825	2823	2884	2886	0.5	0.5	0	1	5298	2886	2884	2945	2947	0.5	0.5	0	1
5299	2947	2945	3006	3008	0.5	0.5	0	1	5300	3008	3006	3067	3069	0.5	0.5	0	1
5301	3069	3067	3133	3132	0.5	0.5	0	1	5302	936	937	990	992	0.5	0.5	0	1
5303	992	990	1051	1053	0.5	0.5	0	1	5304	1053	1051	1112	1114	0.5	0.5	0	1
5305	1114	1112	1173	1175	0.5	0.5	0	1	5306	1175	1173	1234	1236	0.5	0.5	0	1
5307	1236	1234	1295	1297	0.5	0.5	0	1	5308	1297	1295	1356	1358	0.5	0.5	0	1
5309	1358	1356	1417	1419	0.5	0.5	0	1	5310	1419	1417	1478	1480	0.5	0.5	0	1
5311	1480	1478	1539	1541	0.5	0.5	0	1	5312	1541	1539	1600	1602	0.5	0.5	0	1
5313	1602	1600	1661	1663	0.5	0.5	0	1	5314	1663	1661	1722	1724	0.5	0.5	0	1
5315	1724	1722	1783	1785	0.5	0.5	0	1	5316	1785	1783	1844	1846	0.5	0.5	0	1
5317	1846	1844	1905	1907	0.5	0.5	0	1	5318	1907	1905	1966	1968	0.5	0.5	0	1
5319	1968	1966	2027	2029	0.5	0.5	0	1	5320	2029	2027	2089	2091	0.5	0.5	0	1
5321	2091	2089	2150	2152	0.5	0.5	0	1	5322	2152	2150	2211	2213	0.5	0.5	0	1
5323	2213	2211															

In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.	In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.
								Ind.									Ind.
5357	2089	2087	2148	2150	0.5	0.5	0	1	5358	2150	2148	2209	2211	0.5	0.5	0	1
5359	2211	2209	2270	2272	0.5	0.5	0	1	5360	2272	2270	2331	2333	0.5	0.5	0	1
5361	2333	2331	2392	2394	0.5	0.5	0	1	5362	2394	2392	2453	2455	0.5	0.5	0	1
5363	2455	2453	2514	2516	0.5	0.5	0	1	5364	2516	2514	2575	2577	0.5	0.5	0	1
5365	2577	2575	2636	2638	0.5	0.5	0	1	5366	2638	2636	2697	2699	0.5	0.5	0	1
5367	2699	2697	2758	2760	0.5	0.5	0	1	5368	2760	2758	2819	2821	0.5	0.5	0	1
5369	2821	2819	2880	2882	0.5	0.5	0	1	5370	2882	2880	2941	2943	0.5	0.5	0	1
5371	2943	2941	3002	3004	0.5	0.5	0	1	5372	3004	3002	3063	3065	0.5	0.5	0	1
5373	3065	3063	3135	3134	0.5	0.5	0	1	5374	938	939	986	988	0.5	0.5	0	1
5375	988	986	1047	1049	0.5	0.5	0	1	5376	1049	1047	1108	1110	0.5	0.5	0	1
5377	1110	1108	1169	1171	0.5	0.5	0	1	5378	1171	1169	1230	1232	0.5	0.5	0	1
5379	1232	1230	1291	1293	0.5	0.5	0	1	5380	1293	1291	1352	1354	0.5	0.5	0	1
5381	1354	1352	1413	1415	0.5	0.5	0	1	5382	1415	1413	1474	1476	0.5	0.5	0	1
5383	1476	1474	1535	1537	0.5	0.5	0	1	5384	1537	1535	1596	1598	0.5	0.5	0	1
5385	1598	1596	1657	1659	0.5	0.5	0	1	5386	1659	1657	1718	1720	0.5	0.5	0	1
5387	1720	1718	1779	1781	0.5	0.5	0	1	5388	1781	1779	1840	1842	0.5	0.5	0	1
5389	1842	1840	1901	1903	0.5	0.5	0	1	5390	1903	1901	1962	1964	0.5	0.5	0	1
5391	1964	1962	2023	2025	0.5	0.5	0	1	5392	2025	2023	2085	2087	0.5	0.5	0	1
5393	2087	2085	2146	2148	0.5	0.5	0	1	5394	2148	2146	2207	2209	0.5	0.5	0	1
5395	2209	2207	2268	2270	0.5	0.5	0	1	5396	2270	2268	2329	2331	0.5	0.5	0	1
5397	2331	2329	2390	2392	0.5	0.5	0	1	5398	2392	2390	2451	2453	0.5	0.5	0	1
5399	2453	2451	2512	2514	0.5	0.5	0	1	5400	2514	2512	2573	2575	0.5	0.5	0	1
5401	2575	2573	2634	2636	0.5	0.5	0	1	5402	2636	2634	2695	2697	0.5	0.5	0	1
5403	2697	2695	2756	2758	0.5	0.5	0	1	5404	2758	2756	2817	2819	0.5	0.5	0	1
5405	2819	2817	2878	2880	0.5	0.5	0	1	5406	2880	2878	2939	2941	0.5	0.5	0	1
5407	2941	2939	3000	3002	0.5	0.5	0	1	5408	3002	3000	3061	3063	0.5	0.5	0	1
5409	3063	3061	3136	3135	0.5	0.5	0	1	5410	939	940	984	986	0.5	0.5	0	1
5411	986	984	1045	1047	0.5	0.5	0	1	5412	1047	1045	1106	1108	0.5	0.5	0	1
5413	1108	1106	1167	1169	0.5	0.5	0	1	5414	1169	1167	1228	1230	0.5	0.5	0	1
5415	1230	1228	1289	1291	0.5	0.5	0	1	5416	1291	1289	1350	1352	0.5	0.5	0	1
5417	1352	1350	1411	1413	0.5	0.5	0	1	5418	1413	1411	1472	1474	0.5	0.5	0	1
5419	1474	1472	1533	1535	0.5	0.5	0	1	5420	1535	1533	1594	1596	0.5	0.5	0	1
5421	1596	1594	1655	1657	0.5	0.5	0	1	5422	1657	1655	1716	1718	0.5	0.5	0	1
5423	1718	1716	1777	1779	0.5	0.5	0	1	5424	1779	1777	1838	1840	0.5	0.5	0	1
5425	1840	1838	1899	1901	0.5	0.5	0	1	5426	1901	1899	1960	1962	0.5	0.5	0	1
5427	1962	1960	2021	2023	0.5	0.5	0	1	5428	2023	2021	2083	2085	0.5	0.5	0	1
5429	2085	2083	2144	2146	0.5	0.5	0	1	5430	2146	2144	2205	2207	0.5	0.5	0	1
5431	2207	2205	2266	2268	0.5	0.5	0	1	5432	2268	2266	2327	2329	0.5	0.5	0	1
5433	2329	2327	2388	2390	0.5	0.5	0	1	5434	2390	2388	2449	2451	0.5	0.5	0	1
5435	2451	2449	2510	2512	0.5	0.5	0	1	5436	2512	2510	2571	2573	0.5	0.5	0	1
5437	2573	2571	2632	2634	0.5	0.5	0	1	5438	2634	2632	2693	2695	0.5	0.5	0	1
5439	2695	2693	2754	2756	0.5	0.5	0	1	5440	2756	2754	2815	2817	0.5	0.5	0	1
5441	2817	2815	2876	2878	0.5	0.5	0	1	5442	2878	2876	2937	2939	0.5	0.5	0	1
5443	2939	2937	2998	3000	0.5	0.5	0	1	5444	3000	2998	3059	3061	0.5	0.5	0	1
5445	3061	3059	3137	3136	0.5	0.5	0	1	5446	940	941	982	984	0.5	0.5	0	1
5447	984	982	1043	1045	0.5	0.5	0	1	5448	1045	1043	1104	1106	0.5	0.5	0	1
5449	1106	1104	1165	1167	0.5	0.5	0	1	5450	1167	1165	1226	1228	0.5	0.5	0	1
5451	1228	1226	1287	1289	0.5	0.5	0	1	5452	1289	1287	1348	1350	0.5	0.5	0	1
5453	1350	1348	1409	1411	0.5	0.5	0	1	5454	1411	1409	1470	1472	0.5	0.5	0	1
5455	1472	1470	1531	1533	0.5	0.5	0	1	5456	1533	1531	1592	1594	0.5	0.5	0	1
5457	1594	1592	1653	1655	0.5	0.5	0	1	5458	1655	1653	1714	1716	0.5	0.5	0	1
5459	1716	1714	1775	1777	0.5	0.5	0	1	5460	1777	1775	1836	1838	0.5	0.5	0	1
5461	1838	1836	1897	1899	0.5	0.5	0	1	5462	1899	1897	1958	1960	0.5	0.5	0	1
5463	1960	1958	2019	2021	0.5	0.5	0	1	5464	2021	2019	2081	2083	0.5	0.5	0	1
5465	2083	2081	2142	2144	0.5	0.5	0	1	5466	2144	2142	2203	2205	0.5	0.5	0	1
5467	2205	2203	2264	2266	0.5	0.5	0	1	5468	2266	2264	2325	2327	0.5	0.5	0	1
5469	2327	2325	2386	2388	0.5	0.5	0	1	5470	2388	2386	2447	2449	0.5	0.5	0	1
5471	2449	2447	2508	2510	0.5	0.5	0	1	5472	2510	2508	2569	2571	0.5	0.5	0	1
5473	2571	2569	2630	2632	0.5	0.5	0	1	5474	2632	2630	2691	2693	0.5	0.5	0	1
5475	2693	2691	2752	2754	0.5	0.5	0	1	5476	2754	2752	2813	2815	0.5	0.5	0	1
5477	2815	2813	2874	2876	0.5	0.5	0	1	5478	2876	2874	2935	2937	0.5	0.5	0	1
5479	2937	2935	2996	2998	0.5	0.5	0	1	5480	2998	2996	3057	3059	0.5	0.5	0	1
5481	3059	3057	3138	3137	0.5	0.5	0	1	5482	941	942	980	982	0.5	0.5	0	1
5483	982	980	1041	1043	0.5	0.5	0	1	5484	1043	1041	1102	1104	0.5	0.5	0	1
5485	1104	1102	1163	1165	0.5	0.5	0	1	5486	1165	1163	1224	1226	0.5	0.5	0	1
5487	1226	1224	1285	1287	0.5	0.5	0	1	5488	1287	1285	1346	1348	0.5	0.5	0	1
5489	1348	1346	1407	1409	0.5	0.5	0	1	5490	1409	1407	1468	1470	0.5	0.5	0	1
5491	1470	1468	1529	1531	0.5	0.5	0	1	5492	1531	1529	1590	1592	0.5	0.5	0	1
5493	1592	1590	1651	1653	0.5	0.5	0	1	5494	1653	1651	1712	1714	0.5	0.5	0	1
5495	1714	1712	1773	1775	0.5	0.5	0	1	5496	1775	1773	1834	1836	0.5	0.5	0	1
5497	1836	1834	1895	1897	0.5	0.5	0	1	5498	1897	1895	1956	1958	0.5	0.5	0	1
5499	1958	1956	2017	2019	0.5	0.5	0	1	5500	2019	2017	2079	2081	0.5	0.5	0	1
5501	2081	2079	2140	2142	0.5	0.5	0	1	5502	2142	2140	2201	2203	0.5	0.5	0	1
5503	2203	2201	2262	2264	0.5	0.5	0	1	5504	2264	2262	2323	2325	0.5	0.5	0	1
5505	2325	2323	2384	2386	0.5	0.5	0	1	5506	2386	2384	2445	2447	0.5	0.5	0	1
5507	2447	2445	2506	2508	0.5	0.5	0	1	5508	2508	2506	2567	2569	0.5	0.5	0	1
5509	2569	2567	2628	2630	0.5	0.5	0	1	5510	2630	2628	2689	2691	0.5	0.5	0	1
5511	2691	2689	2750	2752	0.5	0.5	0	1	5512	2752	2750	2811	2813	0.5	0.5	0	1
5513	2813	2811	2872	2874	0.5	0.5	0	1	5514	2874	2872	2933	2935	0.5	0.5	0	1
5515	2935	2933	2994	2996	0.5	0.5	0	1	5516	2996	2994	3055	3057	0.5	0.5	0	1
5517	3057	3055	3139														

In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.	In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.
								Ind.									Ind.
5551	2933	2931	2992	2994	0.5	0.5	0	1	5552	2994	2992	3053	3055	0.5	0.5	0	1
5553	3055	3053	3140	3139	0.5	0.5	0	1	5554	943	944	976	978	0.5	0.5	0	1
5555	978	976	1037	1039	0.5	0.5	0	1	5556	1039	1037	1098	1100	0.5	0.5	0	1
5557	1100	1098	1159	1161	0.5	0.5	0	1	5558	1161	1159	1220	1222	0.5	0.5	0	1
5559	1222	1220	1281	1283	0.5	0.5	0	1	5560	1283	1281	1342	1344	0.5	0.5	0	1
5561	1344	1342	1403	1405	0.5	0.5	0	1	5562	1405	1403	1464	1466	0.5	0.5	0	1
5563	1466	1464	1525	1527	0.5	0.5	0	1	5564	1527	1525	1586	1588	0.5	0.5	0	1
5565	1588	1586	1647	1649	0.5	0.5	0	1	5566	1649	1647	1708	1710	0.5	0.5	0	1
5567	1710	1708	1769	1771	0.5	0.5	0	1	5568	1771	1769	1830	1832	0.5	0.5	0	1
5569	1832	1830	1891	1893	0.5	0.5	0	1	5570	1893	1891	1952	1954	0.5	0.5	0	1
5571	1954	1952	2013	2015	0.5	0.5	0	1	5572	2015	2013	2075	2077	0.5	0.5	0	1
5573	2077	2075	2136	2138	0.5	0.5	0	1	5574	2138	2136	2197	2199	0.5	0.5	0	1
5575	2199	2197	2258	2260	0.5	0.5	0	1	5576	2260	2258	2319	2321	0.5	0.5	0	1
5577	2321	2319	2380	2382	0.5	0.5	0	1	5578	2382	2380	2441	2443	0.5	0.5	0	1
5579	2443	2441	2502	2504	0.5	0.5	0	1	5580	2504	2502	2563	2565	0.5	0.5	0	1
5581	2565	2563	2624	2626	0.5	0.5	0	1	5582	2626	2624	2685	2687	0.5	0.5	0	1
5583	2687	2685	2746	2748	0.5	0.5	0	1	5584	2748	2746	2807	2809	0.5	0.5	0	1
5585	2809	2807	2868	2870	0.5	0.5	0	1	5586	2870	2868	2929	2931	0.5	0.5	0	1
5587	2931	2929	2990	2992	0.5	0.5	0	1	5588	2992	2990	3051	3053	0.5	0.5	0	1
5589	3053	3051	3141	3140	0.5	0.5	0	1	5590	944	945	974	976	0.5	0.5	0	1
5591	976	974	1035	1037	0.5	0.5	0	1	5592	1037	1035	1096	1098	0.5	0.5	0	1
5593	1098	1096	1157	1159	0.5	0.5	0	1	5594	1159	1157	1218	1220	0.5	0.5	0	1
5595	1220	1218	1279	1281	0.5	0.5	0	1	5596	1281	1279	1340	1342	0.5	0.5	0	1
5597	1342	1340	1401	1403	0.5	0.5	0	1	5598	1403	1401	1462	1464	0.5	0.5	0	1
5599	1464	1462	1523	1525	0.5	0.5	0	1	5600	1525	1523	1584	1586	0.5	0.5	0	1
5601	1586	1584	1645	1647	0.5	0.5	0	1	5602	1647	1645	1706	1708	0.5	0.5	0	1
5603	1708	1706	1767	1769	0.5	0.5	0	1	5604	1769	1767	1828	1830	0.5	0.5	0	1
5605	1830	1828	1889	1891	0.5	0.5	0	1	5606	1891	1889	1950	1952	0.5	0.5	0	1
5607	1952	1950	2011	2013	0.5	0.5	0	1	5608	2013	2011	2073	2075	0.5	0.5	0	1
5609	2075	2073	2134	2136	0.5	0.5	0	1	5610	2136	2134	2195	2197	0.5	0.5	0	1
5611	2197	2195	2256	2258	0.5	0.5	0	1	5612	2258	2256	2317	2319	0.5	0.5	0	1
5613	2319	2317	2378	2380	0.5	0.5	0	1	5614	2380	2378	2439	2441	0.5	0.5	0	1
5615	2441	2439	2500	2502	0.5	0.5	0	1	5616	2502	2500	2561	2563	0.5	0.5	0	1
5617	2563	2561	2622	2624	0.5	0.5	0	1	5618	2624	2622	2683	2685	0.5	0.5	0	1
5619	2685	2683	2744	2746	0.5	0.5	0	1	5620	2746	2744	2805	2807	0.5	0.5	0	1
5621	2807	2805	2866	2868	0.5	0.5	0	1	5622	2868	2866	2927	2929	0.5	0.5	0	1
5623	2929	2927	2988	2990	0.5	0.5	0	1	5624	2990	2988	3049	3051	0.5	0.5	0	1
5625	3051	3049	3142	3141	0.5	0.5	0	1	5626	945	946	972	974	0.5	0.5	0	1
5627	974	972	1033	1035	0.5	0.5	0	1	5628	1035	1033	1094	1096	0.5	0.5	0	1
5629	1096	1094	1155	1157	0.5	0.5	0	1	5630	1157	1155	1216	1218	0.5	0.5	0	1
5631	1218	1216	1277	1279	0.5	0.5	0	1	5632	1279	1277	1338	1340	0.5	0.5	0	1
5633	1340	1338	1399	1401	0.5	0.5	0	1	5634	1401	1399	1460	1462	0.5	0.5	0	1
5635	1462	1460	1521	1523	0.5	0.5	0	1	5636	1523	1521	1582	1584	0.5	0.5	0	1
5637	1584	1582	1643	1645	0.5	0.5	0	1	5638	1645	1643	1704	1706	0.5	0.5	0	1
5639	1706	1704	1765	1767	0.5	0.5	0	1	5640	1767	1765	1826	1828	0.5	0.5	0	1
5641	1828	1826	1887	1889	0.5	0.5	0	1	5642	1889	1887	1948	1950	0.5	0.5	0	1
5643	1950	1948	2009	2011	0.5	0.5	0	1	5644	2011	2009	2071	2073	0.5	0.5	0	1
5645	2073	2071	2132	2134	0.5	0.5	0	1	5646	2134	2132	2193	2195	0.5	0.5	0	1
5647	2195	2193	2254	2256	0.5	0.5	0	1	5648	2256	2254	2315	2317	0.5	0.5	0	1
5649	2317	2315	2376	2378	0.5	0.5	0	1	5650	2378	2376	2437	2439	0.5	0.5	0	1
5651	2439	2437	2498	2500	0.5	0.5	0	1	5652	2500	2498	2559	2561	0.5	0.5	0	1
5653	2561	2559	2620	2622	0.5	0.5	0	1	5654	2622	2620	2681	2683	0.5	0.5	0	1
5655	2683	2681	2742	2744	0.5	0.5	0	1	5656	2744	2742	2803	2805	0.5	0.5	0	1
5657	2805	2803	2864	2866	0.5	0.5	0	1	5658	2866	2864	2925	2927	0.5	0.5	0	1
5659	2927	2925	2986	2988	0.5	0.5	0	1	5660	2988	2986	3047	3049	0.5	0.5	0	1
5661	3049	3047	3143	3142	0.5	0.5	0	1	5662	946	947	970	972	0.5	0.5	0	1
5663	972	970	1031	1033	0.5	0.5	0	1	5664	1033	1031	1092	1094	0.5	0.5	0	1
5665	1094	1092	1153	1155	0.5	0.5	0	1	5666	1155	1153	1214	1216	0.5	0.5	0	1
5667	1216	1214	1275	1277	0.5	0.5	0	1	5668	1277	1275	1336	1338	0.5	0.5	0	1
5669	1338	1336	1397	1399	0.5	0.5	0	1	5670	1399	1397	1458	1460	0.5	0.5	0	1
5671	1460	1458	1519	1521	0.5	0.5	0	1	5672	1521	1519	1580	1582	0.5	0.5	0	1
5673	1582	1580	1641	1643	0.5	0.5	0	1	5674	1643	1641	1702	1704	0.5	0.5	0	1
5675	1704	1702	1763	1765	0.5	0.5	0	1	5676	1765	1763	1824	1826	0.5	0.5	0	1
5677	1826	1824	1885	1887	0.5	0.5	0	1	5678	1887	1885	1946	1948	0.5	0.5	0	1
5679	1948	1946	2007	2009	0.5	0.5	0	1	5680	2009	2007	2069	2071	0.5	0.5	0	1
5681	2071	2069	2130	2132	0.5	0.5	0	1	5682	2132	2130	2191	2193	0.5	0.5	0	1
5683	2193	2191	2252	2254	0.5	0.5	0	1	5684	2254	2252	2313	2315	0.5	0.5	0	1
5685	2315	2313	2374	2376	0.5	0.5	0	1	5686	2376	2374	2435	2437	0.5	0.5	0	1
5687	2437	2435	2496	2498	0.5	0.5	0	1	5688	2498	2496	2557	2559	0.5	0.5	0	1
5689	2559	2557	2618	2620	0.5	0.5	0	1	5690	2620	2618	2679	2681	0.5	0.5	0	1
5691	2681	2679	2740	2742	0.5	0.5	0	1	5692	2742	2740	2801	2803	0.5	0.5	0	1
5693	2803	2801	2862	2864	0.5	0.5	0	1	5694	2864	2862	2923	2925	0.5	0.5	0	1
5695	2925	2923	2984	2986	0.5	0.5	0	1	5696	2986	2984	3045	3047	0.5	0.5	0	1
5697	3047	3045	3144	3143	0.5	0.5	0	1	5698	947	948	968	970	0.5	0.5	0	1
5699	970	968	1029	1031	0.5	0.5	0	1	5700	1031	1029	1090	1092	0.5	0.5	0	1
5701	1092	1090	1151	1153	0.5	0.5	0	1	5702	1153	1151	1212	1214	0.5	0.5	0	1
5703	1214	1212	1273	1275	0.5	0.5	0	1	5704	1275	1273	1334	1336	0.5	0.5	0	1
5705	1336	1334	1395	1397	0.5	0.5	0	1	5706	1397	1395	1456	1458	0.5	0.5	0	1
5707	1458	1456	1517	1519	0.5	0.5	0	1	5708	1519	1517	1578	1580	0.5	0.5	0	1
5709	1580	1578	1639	1641	0.5	0.5	0	1	5710	1641	1639	1700	1702	0.5	0.5	0	1
5711	1702	1700	1761</														

In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.	In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.
								Ind.									Ind.
5745	1578	1576	1637	1639	0.5	0.5	0	1	5746	1639	1637	1698	1700	0.5	0.5	0	1
5747	1700	1698	1759	1761	0.5	0.5	0	1	5748	1761	1759	1820	1822	0.5	0.5	0	1
5749	1822	1820	1881	1883	0.5	0.5	0	1	5750	1883	1881	1942	1944	0.5	0.5	0	1
5751	1944	1942	2003	2005	0.5	0.5	0	1	5752	2005	2003	2065	2067	0.5	0.5	0	1
5753	2067	2065	2126	2128	0.5	0.5	0	1	5754	2128	2126	2187	2189	0.5	0.5	0	1
5755	2189	2187	2248	2250	0.5	0.5	0	1	5756	2250	2248	2309	2311	0.5	0.5	0	1
5757	2311	2309	2370	2372	0.5	0.5	0	1	5758	2372	2370	2431	2433	0.5	0.5	0	1
5759	2433	2431	2492	2494	0.5	0.5	0	1	5760	2494	2492	2553	2555	0.5	0.5	0	1
5761	2555	2553	2614	2616	0.5	0.5	0	1	5762	2616	2614	2675	2677	0.5	0.5	0	1
5763	2677	2675	2736	2738	0.5	0.5	0	1	5764	2738	2736	2797	2799	0.5	0.5	0	1
5765	2799	2797	2858	2860	0.5	0.5	0	1	5766	2860	2858	2919	2921	0.5	0.5	0	1
5767	2921	2919	2980	2982	0.5	0.5	0	1	5768	2982	2980	3041	3043	0.5	0.5	0	1
5769	3043	3041	3146	3145	0.5	0.5	0	1	5770	949	950	964	966	0.5	0.5	0	1
5771	966	964	1025	1027	0.5	0.5	0	1	5772	1027	1025	1086	1088	0.5	0.5	0	1
5773	1088	1086	1147	1149	0.5	0.5	0	1	5774	1149	1147	1208	1210	0.5	0.5	0	1
5775	1210	1208	1269	1271	0.5	0.5	0	1	5776	1271	1269	1330	1332	0.5	0.5	0	1
5777	1332	1330	1391	1393	0.5	0.5	0	1	5778	1393	1391	1452	1454	0.5	0.5	0	1
5779	1454	1452	1513	1515	0.5	0.5	0	1	5780	1515	1513	1574	1576	0.5	0.5	0	1
5781	1576	1574	1635	1637	0.5	0.5	0	1	5782	1637	1635	1696	1698	0.5	0.5	0	1
5783	1698	1696	1757	1759	0.5	0.5	0	1	5784	1759	1757	1818	1820	0.5	0.5	0	1
5785	1820	1818	1879	1881	0.5	0.5	0	1	5786	1881	1879	1940	1942	0.5	0.5	0	1
5787	1942	1940	2001	2003	0.5	0.5	0	1	5788	2003	2001	2063	2065	0.5	0.5	0	1
5789	2065	2063	2124	2126	0.5	0.5	0	1	5790	2126	2124	2185	2187	0.5	0.5	0	1
5791	2187	2185	2246	2248	0.5	0.5	0	1	5792	2248	2246	2307	2309	0.5	0.5	0	1
5793	2309	2307	2368	2370	0.5	0.5	0	1	5794	2370	2368	2429	2431	0.5	0.5	0	1
5795	2431	2429	2490	2492	0.5	0.5	0	1	5796	2492	2490	2551	2553	0.5	0.5	0	1
5797	2553	2551	2612	2614	0.5	0.5	0	1	5798	2614	2612	2673	2675	0.5	0.5	0	1
5799	2675	2673	2734	2736	0.5	0.5	0	1	5800	2736	2734	2795	2797	0.5	0.5	0	1
5801	2797	2795	2856	2858	0.5	0.5	0	1	5802	2858	2856	2917	2919	0.5	0.5	0	1
5803	2919	2917	2978	2980	0.5	0.5	0	1	5804	2980	2978	3039	3041	0.5	0.5	0	1
5805	3041	3039	3147	3146	0.5	0.5	0	1	5806	950	951	962	964	0.5	0.5	0	1
5807	964	962	1023	1025	0.5	0.5	0	1	5808	1025	1023	1084	1086	0.5	0.5	0	1
5809	1086	1084	1145	1147	0.5	0.5	0	1	5810	1147	1145	1206	1208	0.5	0.5	0	1
5811	1208	1206	1267	1269	0.5	0.5	0	1	5812	1269	1267	1328	1330	0.5	0.5	0	1
5813	1330	1328	1389	1391	0.5	0.5	0	1	5814	1391	1389	1450	1452	0.5	0.5	0	1
5815	1452	1450	1511	1513	0.5	0.5	0	1	5816	1513	1511	1572	1574	0.5	0.5	0	1
5817	1574	1572	1633	1635	0.5	0.5	0	1	5818	1635	1633	1694	1696	0.5	0.5	0	1
5819	1696	1694	1755	1757	0.5	0.5	0	1	5820	1757	1755	1816	1818	0.5	0.5	0	1
5821	1818	1816	1877	1879	0.5	0.5	0	1	5822	1879	1877	1938	1940	0.5	0.5	0	1
5823	1940	1938	1999	2001	0.5	0.5	0	1	5824	2001	1999	2061	2063	0.5	0.5	0	1
5825	2063	2061	2122	2124	0.5	0.5	0	1	5826	2124	2122	2183	2185	0.5	0.5	0	1
5827	2185	2183	2244	2246	0.5	0.5	0	1	5828	2246	2244	2305	2307	0.5	0.5	0	1
5829	2307	2305	2366	2368	0.5	0.5	0	1	5830	2368	2366	2427	2429	0.5	0.5	0	1
5831	2429	2427	2488	2490	0.5	0.5	0	1	5832	2490	2488	2549	2551	0.5	0.5	0	1
5833	2551	2549	2610	2612	0.5	0.5	0	1	5834	2612	2610	2671	2673	0.5	0.5	0	1
5835	2673	2671	2732	2734	0.5	0.5	0	1	5836	2734	2732	2793	2795	0.5	0.5	0	1
5837	2795	2793	2854	2856	0.5	0.5	0	1	5838	2856	2854	2915	2917	0.5	0.5	0	1
5839	2917	2915	2976	2978	0.5	0.5	0	1	5840	2978	2976	3037	3039	0.5	0.5	0	1
5841	3039	3037	3148	3147	0.5	0.5	0	1	5842	951	952	958	962	0.5	0.5	0	1
5843	962	958	1019	1023	0.5	0.5	0	1	5844	1023	1019	1080	1084	0.5	0.5	0	1
5845	1084	1080	1141	1145	0.5	0.5	0	1	5846	1145	1141	1202	1206	0.5	0.5	0	1
5847	1206	1202	1263	1267	0.5	0.5	0	1	5848	1267	1263	1324	1328	0.5	0.5	0	1
5849	1328	1324	1385	1389	0.5	0.5	0	1	5850	1389	1385	1446	1450	0.5	0.5	0	1
5851	1450	1446	1507	1511	0.5	0.5	0	1	5852	1511	1507	1568	1572	0.5	0.5	0	1
5853	1572	1568	1629	1633	0.5	0.5	0	1	5854	1633	1629	1690	1694	0.5	0.5	0	1
5855	1694	1690	1751	1755	0.5	0.5	0	1	5856	1755	1751	1812	1816	0.5	0.5	0	1
5857	1816	1812	1873	1877	0.5	0.5	0	1	5858	1877	1873	1934	1938	0.5	0.5	0	1
5859	1938	1934	1995	1999	0.5	0.5	0	1	5860	1999	1995	2057	2061	0.5	0.5	0	1
5861	2061	2057	2118	2122	0.5	0.5	0	1	5862	2122	2118	2179	2183	0.5	0.5	0	1
5863	2183	2179	2240	2244	0.5	0.5	0	1	5864	2244	2240	2301	2305	0.5	0.5	0	1
5865	2305	2301	2362	2366	0.5	0.5	0	1	5866	2366	2362	2423	2427	0.5	0.5	0	1
5867	2427	2423	2484	2488	0.5	0.5	0	1	5868	2488	2484	2545	2549	0.5	0.5	0	1
5869	2549	2545	2606	2610	0.5	0.5	0	1	5870	2610	2606	2667	2671	0.5	0.5	0	1
5871	2671	2667	2728	2732	0.5	0.5	0	1	5872	2732	2728	2789	2793	0.5	0.5	0	1
5873	2793	2789	2850	2854	0.5	0.5	0	1	5874	2854	2850	2911	2915	0.5	0.5	0	1
5875	2915	2911	2972	2976	0.5	0.5	0	1	5876	2976	2972	3033	3037	0.5	0.5	0	1
5877	3037	3033	3149	3148	0.5	0.5	0	1	5878	4127	4096	4128	4128	0.5	0.5	0	1
5879	4096	4127		4095	0.5	0.5	0	1	5880	4126	4095	4127	4127	0.5	0.5	0	1
5881	4095	4126		4094	0.5	0.5	0	1	5882	4125	4094	4126	4126	0.5	0.5	0	1
5883	4094	4125		4093	0.5	0.5	0	1	5884	4124	4093	4125	4125	0.5	0.5	0	1
5885	4093	4124		4092	0.5	0.5	0	1	5886	4092	4124	4123	4123	0.5	0.5	0	1
5887	4100	4101		4132	0.5	0.5	0	1	5888	4097	4128	4096	4096	0.5	0.5	0	1
5889	4128	4097		4129	0.5	0.5	0	1	5890	4098	4129	4097	4097	0.5	0.5	0	1
5891	4129	4098		4130	0.5	0.5	0	1	5892	4099	4130	4098	4098	0.5	0.5	0	1
5893	4130	4099		4131	0.5	0.5	0	1	5894	4100	4131	4099	4099	0.5	0.5	0	1
5895	4131	4100		4132	0.5	0.5	0	1	5896	4089	4088	4058	4058	0.5	0.5	0	1
5897	4045	4077		4043	0.5	0.5	0	1	5898	4077	4045	4079	4079	0.5	0.5	0	1
5899	4091	4103		4118	0.5	0.5	0	1	5900	4103	4091	4073	4073	0.5	0.5	0	1
5901	4091	4118		4117	0.5	0.5	0	1	5902	3957	3938	3921	3921	0.5	0.5	0	1
5903	3839	3850		3873	0.5	0.5	0	1	5904	4000	4021	3997	3997	0.5	0.5	0	1
5905	4085	4064		4086	0.5	0.5	0	1	5906	4084	4074						

Vano di equalizzazione e sedimentazione meccanica

In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.	In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.
								Ind.									Ind.
5939	3966	3991		3968	0.5	0.5	0	1	5940	3842	3797		3798	0.5	0.5	0	1
5941	4066	4099		4098	0.5	0.5	0	1	5942	4060	4098		4097	0.5	0.5	0	1
5943	3815	3800		3801	0.5	0.5	0	1	5944	3910	3890		3874	0.5	0.5	0	1
5945	3855	3840		3874	0.5	0.5	0	1	5946	3808	3802		3803	0.5	0.5	0	1
5947	3828	3805		3840	0.5	0.5	0	1	5948	3805	3828		3807	0.5	0.5	0	1
5949	3890	3910		3925	0.5	0.5	0	1	5950	3925	3910		3939	0.5	0.5	0	1
5951	3965	3939		3973	0.5	0.5	0	1	5952	3954	3955		3929	0.5	0.5	0	1
5953	3965	3999		3998	0.5	0.5	0	1	5954	4022	4002		3998	0.5	0.5	0	1
5955	3862	3815		3831	0.5	0.5	0	1	5956	4050	4026		4022	0.5	0.5	0	1
5957	4099	4066		4076	0.5	0.5	0	1	5958	4100	4076		4054	0.5	0.5	0	1
5959	4071	4101		4100	0.5	0.5	0	1	5960	4100	4054		4071	0.5	0.5	0	1
5961	4002	4022		4026	0.5	0.5	0	1	5962	3966	3968		3942	0.5	0.5	0	1
5963	4094	4065		4062	0.5	0.5	0	1	5964	3797	3819		3796	0.5	0.5	0	1
5965	4043	4073		4041	0.5	0.5	0	1	5966	3792	3793		3825	0.5	0.5	0	1
5967	4092	4122		4104	0.5	0.5	0	1	5968	4118	4103		4119	0.5	0.5	0	1
5969	3811	3836		3850	0.5	0.5	0	1	5970	3778	3779		3806	0.5	0.5	0	1
5971	3808	3804		3807	0.5	0.5	0	1	5972	3805	3807		3804	0.5	0.5	0	1
5973	3790	3791		3826	0.5	0.5	0	1	5974	4073	4091		4067	0.5	0.5	0	1
5975	4093	4092		4068	0.5	0.5	0	1	5976	3794	3795		3816	0.5	0.5	0	1
5977	4091	4090		4067	0.5	0.5	0	1	5978	4063	4067		4090	0.5	0.5	0	1
5979	3783	3784		3838	0.5	0.5	0	1	5980	4010	3986		4013	0.5	0.5	0	1
5981	3798	3799		3837	0.5	0.5	0	1	5982	3799	3830		3837	0.5	0.5	0	1
5983	4087	4056		4088	0.5	0.5	0	1	5984	4087	4086		4057	0.5	0.5	0	1
5985	4097	4096		4059	0.5	0.5	0	1	5986	4096	4061		4059	0.5	0.5	0	1
5987	3819	3809		3796	0.5	0.5	0	1	5988	4019	4045		4017	0.5	0.5	0	1
5989	3786	3787		3810	0.5	0.5	0	1	5990	3820	3817		3788	0.5	0.5	0	1
5991	3780	3781		3829	0.5	0.5	0	1	5992	3959	3956		3932	0.5	0.5	0	1
5993	3801	3802		3831	0.5	0.5	0	1	5994	3843	3802		3808	0.5	0.5	0	1
5995	3934	3932		3908	0.5	0.5	0	1	5996	4045	4043		4017	0.5	0.5	0	1
5997	4073	4067		4041	0.5	0.5	0	1	5998	4037	4063		4034	0.5	0.5	0	1
5999	4017	4043		4015	0.5	0.5	0	1	6000	4104	4121		4106	0.5	0.5	0	1
6001	3992	3990		3967	0.5	0.5	0	1	6002	4043	4041		4015	0.5	0.5	0	1
6003	3967	3990		3963	0.5	0.5	0	1	6004	4041	4013		4015	0.5	0.5	0	1
6005	3918	3943		3916	0.5	0.5	0	1	6006	4019	4017		3994	0.5	0.5	0	1
6007	4015	4013		3990	0.5	0.5	0	1	6008	3936	3963		3961	0.5	0.5	0	1
6009	3990	4013		3986	0.5	0.5	0	1	6010	3941	3936		3914	0.5	0.5	0	1
6011	3909	3921		3938	0.5	0.5	0	1	6012	3927	3924		3897	0.5	0.5	0	1
6013	3939	3965		3925	0.5	0.5	0	1	6014	3951	3954		3928	0.5	0.5	0	1
6015	3997	3975		4000	0.5	0.5	0	1	6016	4028	4030		4056	0.5	0.5	0	1
6017	3962	3964		3937	0.5	0.5	0	1	6018	3999	3965		3973	0.5	0.5	0	1
6019	3941	3943		3967	0.5	0.5	0	1	6020	3990	3986		3963	0.5	0.5	0	1
6021	3963	3986		3961	0.5	0.5	0	1	6022	3984	3981		3959	0.5	0.5	0	1
6023	3824	3856		3820	0.5	0.5	0	1	6024	3994	3969		3971	0.5	0.5	0	1
6025	3961	3986		3984	0.5	0.5	0	1	6026	4010	3984		3986	0.5	0.5	0	1
6027	3927	3930		3953	0.5	0.5	0	1	6028	3959	3961		3984	0.5	0.5	0	1
6029	3967	3963		3941	0.5	0.5	0	1	6030	3936	3941		3963	0.5	0.5	0	1
6031	3994	3992		3969	0.5	0.5	0	1	6032	3884	3856		3886	0.5	0.5	0	1
6033	4004	3981		4007	0.5	0.5	0	1	6034	4004	4030		4028	0.5	0.5	0	1
6035	3956	3959		3981	0.5	0.5	0	1	6036	3924	3927		3950	0.5	0.5	0	1
6037	3974	3987		3952	0.5	0.5	0	1	6038	3981	3979		3956	0.5	0.5	0	1
6039	3904	3927		3897	0.5	0.5	0	1	6040	3956	3979		3953	0.5	0.5	0	1
6041	4105	4079		4106	0.5	0.5	0	1	6042	4042	4044		4016	0.5	0.5	0	1
6043	3991	3966		3989	0.5	0.5	0	1	6044	4018	4046		4019	0.5	0.5	0	1
6045	4061	4095		4062	0.5	0.5	0	1	6046	4094	4062		4095	0.5	0.5	0	1
6047	3989	4014		3991	0.5	0.5	0	1	6048	3795	3796		3809	0.5	0.5	0	1
6049	3797	3842		3819	0.5	0.5	0	1	6050	3930	3927		3904	0.5	0.5	0	1
6051	3908	3906		3876	0.5	0.5	0	1	6052	3953	3979		3977	0.5	0.5	0	1
6053	3977	3974		3950	0.5	0.5	0	1	6054	3953	3977		3950	0.5	0.5	0	1
6055	3947	3923		3924	0.5	0.5	0	1	6056	3884	3914		3880	0.5	0.5	0	1
6057	3788	3789		3820	0.5	0.5	0	1	6058	3984	4010		4007	0.5	0.5	0	1
6059	3979	4004		4003	0.5	0.5	0	1	6060	3953	3950		3927	0.5	0.5	0	1
6061	3835	3838		3869	0.5	0.5	0	1	6062	3997	3957		3975	0.5	0.5	0	1
6063	3894	3895		3923	0.5	0.5	0	1	6064	4078	4104		4106	0.5	0.5	0	1
6065	4045	4019		4046	0.5	0.5	0	1	6066	4044	4042		4075	0.5	0.5	0	1
6067	4019	3995		4018	0.5	0.5	0	1	6068	3946	3944		3970	0.5	0.5	0	1
6069	3946	3970		3971	0.5	0.5	0	1	6070	4018	3995		3993	0.5	0.5	0	1
6071	3917	3915		3942	0.5	0.5	0	1	6072	3915	3917		3885	0.5	0.5	0	1
6073	3995	3970		3993	0.5	0.5	0	1	6074	3935	3912		3907	0.5	0.5	0	1
6075	3993	3970		3968	0.5	0.5	0	1	6076	3968	3970		3944	0.5	0.5	0	1
6077	3888	3918		3886	0.5	0.5	0	1	6078	3940	3915		3913	0.5	0.5	0	1
6079	3968	3944		3942	0.5	0.5	0	1	6080	4011	4009		4035	0.5	0.5	0	1
6081	3964	3966		3940	0.5	0.5	0	1	6082	3942	3940		3966	0.5	0.5	0	1
6083	3912	3935		3937	0.5	0.5	0	1	6084	3988	3962		3985	0.5	0.5	0	1
6085	3962	3988		3964	0.5	0.5	0	1	6086	3964	3940		3937	0.5	0.5	0	1
6087	3912	3878		3907	0.5	0.5	0	1	6088	3853	3842		3878	0.5	0.5	0	1
6089	3960	3983		3985	0.5	0.5	0	1	6090	3905	3931		3933	0.5	0.5	0	1
6091	3937	3935		3962	0.5	0.5	0	1	6092	3983	3958		3982	0.5	0.5	0	1
6093	3962	3935		3960	0.5	0.5	0	1	6094	3815	3862		3830	0.5	0.5	0	1
6095	3935	3933		3960	0.5	0.5	0	1	6096	4008	3982		4006	0.5	0.5	0	1
6097	3960	3933		3958	0.5	0.5	0	1	6098	3958	3933		3931	0.5	0.5	0	1
6099	3929	3931		3903	0.5	0.5	0	1	6100	4031	4006		4032	0.5	0.5	0	1
6101	3958	3931		3955	0.5	0.5	0	1	6102	3931	3929		3955	0.5	0.5	0	1
6103	3804	3808		3803	0.5	0.5	0	1	6104	3958	3955		3982	0.5	0.5	0	1
6105	4076	4039		4054	0.5	0.5	0	1	6106	3962	3960		3985	0.5	0.5	0	1
6107	4061	4033		4059	0.5	0.5	0	1	6108	3923	3947		3952	0.5	0.5	0	1
6109	3987	3974		4001	0.5	0.5	0	1	6110	3899	3926						

In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.	In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.
								Ind.									Ind.
6133	3933	3935		3907	0.5	0.5	0	1	6134	3895	3897		3924	0.5	0.5	0	1
6135	3841	3848		3877	0.5	0.5	0	1	6136	3987	4001		4024	0.5	0.5	0	1
6137	4000	3975		3987	0.5	0.5	0	1	6138	4040	4001		4029	0.5	0.5	0	1
6139	3977	3979		4003	0.5	0.5	0	1	6140	4045	4046		4079	0.5	0.5	0	1
6141	4120	4106		4121	0.5	0.5	0	1	6142	3982	3955		3980	0.5	0.5	0	1
6143	3928	3954		3929	0.5	0.5	0	1	6144	3982	3980		4006	0.5	0.5	0	1
6145	4039	4005		4002	0.5	0.5	0	1	6146	4044	4078		4046	0.5	0.5	0	1
6147	4018	3993		4016	0.5	0.5	0	1	6148	4009	4008		4033	0.5	0.5	0	1
6149	3983	3960		3958	0.5	0.5	0	1	6150	4088	4056		4058	0.5	0.5	0	1
6151	4090	4089		4063	0.5	0.5	0	1	6152	3895	3865		3897	0.5	0.5	0	1
6153	3924	3923		3895	0.5	0.5	0	1	6154	3952	3922		3923	0.5	0.5	0	1
6155	3779	3818		3806	0.5	0.5	0	1	6156	3864	3895		3894	0.5	0.5	0	1
6157	3948	3921		3922	0.5	0.5	0	1	6158	3955	3954		3980	0.5	0.5	0	1
6159	3929	3898		3928	0.5	0.5	0	1	6160	3896	3926		3899	0.5	0.5	0	1
6161	3867	3898		3862	0.5	0.5	0	1	6162	3953	3930		3956	0.5	0.5	0	1
6163	3869	3897		3865	0.5	0.5	0	1	6164	4079	4046		4078	0.5	0.5	0	1
6165	4068	4092		4075	0.5	0.5	0	1	6166	3917	3944		3919	0.5	0.5	0	1
6167	3944	3946		3919	0.5	0.5	0	1	6168	3821	3825		3793	0.5	0.5	0	1
6169	3918	3916		3886	0.5	0.5	0	1	6170	3920	3919		3946	0.5	0.5	0	1
6171	3824	3858		3856	0.5	0.5	0	1	6172	4049	4025		4055	0.5	0.5	0	1
6173	4000	3987		4024	0.5	0.5	0	1	6174	3967	3943		3969	0.5	0.5	0	1
6175	3918	3945		3943	0.5	0.5	0	1	6176	3887	3885		3917	0.5	0.5	0	1
6177	3917	3919		3887	0.5	0.5	0	1	6178	3885	3887		3857	0.5	0.5	0	1
6179	3883	3854		3849	0.5	0.5	0	1	6180	3895	3864		3865	0.5	0.5	0	1
6181	3832	3864		3829	0.5	0.5	0	1	6182	3862	3898		3903	0.5	0.5	0	1
6183	3868	3862		3903	0.5	0.5	0	1	6184	3823	3780		3829	0.5	0.5	0	1
6185	3882	3909		3873	0.5	0.5	0	1	6186	3866	3890		3896	0.5	0.5	0	1
6187	3802	3843		3831	0.5	0.5	0	1	6188	3977	4003		4001	0.5	0.5	0	1
6189	4074	4040		4064	0.5	0.5	0	1	6190	4043	4077		4073	0.5	0.5	0	1
6191	4119	4105		4120	0.5	0.5	0	1	6192	3842	3798		3837	0.5	0.5	0	1
6193	3837	3830		3868	0.5	0.5	0	1	6194	4039	4026		4054	0.5	0.5	0	1
6195	4050	4071		4054	0.5	0.5	0	1	6196	4055	4083		4070	0.5	0.5	0	1
6197	4070	4049		4055	0.5	0.5	0	1	6198	3882	3851		3891	0.5	0.5	0	1
6199	3894	3923		3922	0.5	0.5	0	1	6200	3861	3864		3894	0.5	0.5	0	1
6201	3922	3921		3891	0.5	0.5	0	1	6202	4001	4003		4029	0.5	0.5	0	1
6203	4028	4029		4003	0.5	0.5	0	1	6204	4029	4028		4057	0.5	0.5	0	1
6205	4004	3979		3981	0.5	0.5	0	1	6206	4006	3980		4005	0.5	0.5	0	1
6207	4002	3978		3976	0.5	0.5	0	1	6208	3949	3925		3965	0.5	0.5	0	1
6209	3926	3951		3928	0.5	0.5	0	1	6210	3987	3975		3952	0.5	0.5	0	1
6211	3948	3952		3975	0.5	0.5	0	1	6212	4105	4119		4103	0.5	0.5	0	1
6213	4079	4078		4106	0.5	0.5	0	1	6214	4121	4104		4122	0.5	0.5	0	1
6215	4075	4104		4078	0.5	0.5	0	1	6216	3926	3896		3925	0.5	0.5	0	1
6217	3831	3867		3862	0.5	0.5	0	1	6218	3866	3844		3855	0.5	0.5	0	1
6219	3808	3807		3844	0.5	0.5	0	1	6220	3844	3866		3845	0.5	0.5	0	1
6221	3896	3899		3870	0.5	0.5	0	1	6222	4060	4032		4066	0.5	0.5	0	1
6223	4006	4005		4032	0.5	0.5	0	1	6224	3806	3818		3836	0.5	0.5	0	1
6225	3851	3823		3861	0.5	0.5	0	1	6226	3921	3948		3957	0.5	0.5	0	1
6227	3957	3997		3972	0.5	0.5	0	1	6228	3965	3998		3976	0.5	0.5	0	1
6229	3925	3949		3926	0.5	0.5	0	1	6230	4104	4075		4092	0.5	0.5	0	1
6231	4016	4044		4018	0.5	0.5	0	1	6232	3862	3868		3830	0.5	0.5	0	1
6233	3830	3799		3800	0.5	0.5	0	1	6234	3837	3868		3871	0.5	0.5	0	1
6235	3905	3871		3868	0.5	0.5	0	1	6236	4039	4066		4032	0.5	0.5	0	1
6237	4005	4039		4032	0.5	0.5	0	1	6238	3861	3894		3891	0.5	0.5	0	1
6239	3818	3851		3836	0.5	0.5	0	1	6240	3974	3947		3950	0.5	0.5	0	1
6241	3974	3977		4001	0.5	0.5	0	1	6242	4079	4105		4077	0.5	0.5	0	1
6243	4103	4073		4077	0.5	0.5	0	1	6244	4029	4057		4064	0.5	0.5	0	1
6245	4086	4064		4057	0.5	0.5	0	1	6246	4056	4087		4057	0.5	0.5	0	1
6247	4057	4028		4056	0.5	0.5	0	1	6248	4037	4034		4010	0.5	0.5	0	1
6249	4058	4056		4030	0.5	0.5	0	1	6250	4058	4063		4089	0.5	0.5	0	1
6251	4007	4034		4030	0.5	0.5	0	1	6252	4013	4037		4010	0.5	0.5	0	1
6253	4034	4007		4010	0.5	0.5	0	1	6254	3952	3948		3922	0.5	0.5	0	1
6255	3975	3957		3948	0.5	0.5	0	1	6256	4060	4097		4059	0.5	0.5	0	1
6257	4031	4033		4008	0.5	0.5	0	1	6258	4009	3983		4008	0.5	0.5	0	1
6259	4033	4031		4059	0.5	0.5	0	1	6260	3978	4002		4005	0.5	0.5	0	1
6261	4005	3980		3978	0.5	0.5	0	1	6262	4078	4044		4075	0.5	0.5	0	1
6263	4046	4018		4044	0.5	0.5	0	1	6264	3925	3896		3890	0.5	0.5	0	1
6265	3845	3866		3870	0.5	0.5	0	1	6266	4033	4035		4009	0.5	0.5	0	1
6267	4035	4036		4011	0.5	0.5	0	1	6268	3964	3988		3989	0.5	0.5	0	1
6269	4061	4096		4095	0.5	0.5	0	1	6270	4009	4011		3985	0.5	0.5	0	1
6271	4038	4065		4068	0.5	0.5	0	1	6272	4012	3988		4011	0.5	0.5	0	1
6273	4036	4035		4062	0.5	0.5	0	1	6274	4012	4011		4036	0.5	0.5	0	1
6275	4038	4014		4012	0.5	0.5	0	1	6276	3851	3850		3836	0.5	0.5	0	1
6277	3891	3921		3882	0.5	0.5	0	1	6278	3970	3995		3971	0.5	0.5	0	1
6279	3995	3994		3971	0.5	0.5	0	1	6280	4036	4038		4012	0.5	0.5	0	1
6281	4068	4075		4042	0.5	0.5	0	1	6282	4016	3993		3991	0.5	0.5	0	1
6283	3968	3991		3993	0.5	0.5	0	1	6284	4017	4015		3992	0.5	0.5	0	1
6285	3990	3992		4015	0.5	0.5	0	1	6286	3992	3994		4017	0.5	0.5	0	1
6287	3994	3995		4019	0.5	0.5	0	1	6288	3954	3951		3978	0.5	0.5	0	1
6289	3978	3980		3954	0.5	0.5	0	1	6290	4059	4031		4060	0.5	0.5	0	1
6291	4032	4060		4031	0.5	0.5	0	1	6292	3971	3945		3946	0.5	0.5	0	1
6293	3918	3888		3920	0.5	0.5	0	1	6294	3867	3843		3870	0.5	0.5	0	1
6295	3870	3899		3867	0.5	0.5	0	1	6296	3934	3936		3961	0.5	0.5	0	1
6297	3936	3911		3914	0.5	0.5	0	1	6298	3848	3817		3852	0.5	0.5	0	1
6299	3934	3911		3936	0.5	0.5	0	1	6300	3914	3911		3880	0.5	0.5	0	1
6301	3877	3880		3911	0.5	0.5	0	1	6302	3841	3786		3810	0.5	0.5	0	1
6303	3880	3877		3848	0.5	0.5	0	1	6304	3877	3911		390				

Vano di equalizzazione e sedimentazione meccanica

In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.	In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.
								Ind.									Ind.
6327	3821	3816		3854	0.5	0.5	0	1	6328	4030	4004		4007	0.5	0.5	0	1
6329	4028	4003		4004	0.5	0.5	0	1	6330	3982	4008		3983	0.5	0.5	0	1
6331	3983	4009		3985	0.5	0.5	0	1	6332	3945	3971		3969	0.5	0.5	0	1
6333	3969	3943		3945	0.5	0.5	0	1	6334	3932	3934		3959	0.5	0.5	0	1
6335	3911	3934		3908	0.5	0.5	0	1	6336	4077	4105		4103	0.5	0.5	0	1
6337	4106	4120		4105	0.5	0.5	0	1	6338	3906	3930		3904	0.5	0.5	0	1
6339	3932	3956		3930	0.5	0.5	0	1	6340	3930	3906		3932	0.5	0.5	0	1
6341	3872	3906		3904	0.5	0.5	0	1	6342	3872	3846		3876	0.5	0.5	0	1
6343	3906	3872		3876	0.5	0.5	0	1	6344	3841	3877		3876	0.5	0.5	0	1
6345	3846	3872		3838	0.5	0.5	0	1	6346	3838	3872		3869	0.5	0.5	0	1
6347	3869	3904		3897	0.5	0.5	0	1	6348	3869	3865		3859	0.5	0.5	0	1
6349	3782	3832		3781	0.5	0.5	0	1	6350	3913	3879		3912	0.5	0.5	0	1
6351	3878	3912		3879	0.5	0.5	0	1	6352	3886	3916		3884	0.5	0.5	0	1
6353	3914	3884		3916	0.5	0.5	0	1	6354	4093	4068		4065	0.5	0.5	0	1
6355	4065	4038		4036	0.5	0.5	0	1	6356	3864	3861		3829	0.5	0.5	0	1
6357	3864	3832		3865	0.5	0.5	0	1	6358	4001	4040		4024	0.5	0.5	0	1
6359	4029	4064		4040	0.5	0.5	0	1	6360	3882	3873		3850	0.5	0.5	0	1
6361	3777	3811		3839	0.5	0.5	0	1	6362	3889	3920		3888	0.5	0.5	0	1
6363	3920	3945		3918	0.5	0.5	0	1	6364	4014	4042		4016	0.5	0.5	0	1
6365	4016	3991		4014	0.5	0.5	0	1	6366	3857	3854		3885	0.5	0.5	0	1
6367	3816	3809		3849	0.5	0.5	0	1	6368	3837	3871		3842	0.5	0.5	0	1
6369	3878	3842		3871	0.5	0.5	0	1	6370	3876	3846		3841	0.5	0.5	0	1
6371	3814	3841		3846	0.5	0.5	0	1	6372	3924	3950		3947	0.5	0.5	0	1
6373	3947	3974		3952	0.5	0.5	0	1	6374	3887	3919		3889	0.5	0.5	0	1
6375	3920	3889		3919	0.5	0.5	0	1	6376	3887	3889		3859	0.5	0.5	0	1
6377	3889	3860		3859	0.5	0.5	0	1	6378	4068	4042		4038	0.5	0.5	0	1
6379	4014	4038		4042	0.5	0.5	0	1	6380	3826	3860		3858	0.5	0.5	0	1
6381	3888	3886		3858	0.5	0.5	0	1	6382	3856	3852		3820	0.5	0.5	0	1
6383	3848	3852		3880	0.5	0.5	0	1	6384	4037	4013		4041	0.5	0.5	0	1
6385	4041	4067		4037	0.5	0.5	0	1	6386	3858	3824		3826	0.5	0.5	0	1
6387	3858	3886		3856	0.5	0.5	0	1	6388	3888	3858		3860	0.5	0.5	0	1
6389	3860	3827		3859	0.5	0.5	0	1	6390	4025	4049		4021	0.5	0.5	0	1
6391	4000	4024		4025	0.5	0.5	0	1	6392	3949	3976		3951	0.5	0.5	0	1
6393	3951	3926		3949	0.5	0.5	0	1	6394	3827	3825		3859	0.5	0.5	0	1
6395	3827	3860		3826	0.5	0.5	0	1	6396	3820	3789		3824	0.5	0.5	0	1
6397	3790	3824		3789	0.5	0.5	0	1	6398	4039	4076		4066	0.5	0.5	0	1
6399	4076	4100		4099	0.5	0.5	0	1	6400	4080	4083		4055	0.5	0.5	0	1
6401	4055	4052		4080	0.5	0.5	0	1	6402	3825	3857		3859	0.5	0.5	0	1
6403	3825	3827		3792	0.5	0.5	0	1	6404	3857	3825		3821	0.5	0.5	0	1
6405	3854	3857		3821	0.5	0.5	0	1	6406	3787	3788		3817	0.5	0.5	0	1
6407	3817	3820		3852	0.5	0.5	0	1	6408	4025	4024		4052	0.5	0.5	0	1
6409	4052	4040		4074	0.5	0.5	0	1	6410	4063	4058		4034	0.5	0.5	0	1
6411	4063	4037		4067	0.5	0.5	0	1	6412	3878	3879		3853	0.5	0.5	0	1
6413	3853	3849		3819	0.5	0.5	0	1	6414	4026	4050		4054	0.5	0.5	0	1
6415	4026	4039		4002	0.5	0.5	0	1	6416	3816	3849		3854	0.5	0.5	0	1
6417	3816	3821		3794	0.5	0.5	0	1	6418	3865	3832		3835	0.5	0.5	0	1
6419	3829	3781		3832	0.5	0.5	0	1	6420	3800	3815		3830	0.5	0.5	0	1
6421	3801	3831		3815	0.5	0.5	0	1	6422	3861	3891		3851	0.5	0.5	0	1
6423	3851	3882		3850	0.5	0.5	0	1	6424	3809	3819		3849	0.5	0.5	0	1
6425	3809	3816		3795	0.5	0.5	0	1	6426	3843	3845		3870	0.5	0.5	0	1
6427	3843	3867		3831	0.5	0.5	0	1	6428	3848	3841		3810	0.5	0.5	0	1
6429	3817	3848		3810	0.5	0.5	0	1	6430	3829	3861		3823	0.5	0.5	0	1
6431	3823	3851		3818	0.5	0.5	0	1	6432	3784	3785		3814	0.5	0.5	0	1
6433	3841	3814		3785	0.5	0.5	0	1	6434	3840	3855		3828	0.5	0.5	0	1
6435	3855	3844		3828	0.5	0.5	0	1	6436	3845	3843		3808	0.5	0.5	0	1
6437	3808	3844		3845	0.5	0.5	0	1	6438	3890	3866		3855	0.5	0.5	0	1
6439	3896	3870		3866	0.5	0.5	0	1	6440	3836	3811		3806	0.5	0.5	0	1
6441	3850	3839		3811	0.5	0.5	0	1	6442	4112	4086		4113	0.5	0.5	0	1
6443	4086	4112		4085	0.5	0.5	0	1	6444	4111	4085		4112	0.5	0.5	0	1
6445	4085	4111		4084	0.5	0.5	0	1	6446	4110	4084		4111	0.5	0.5	0	1
6447	4084	4110		4083	0.5	0.5	0	1	6448	4109	4083		4110	0.5	0.5	0	1
6449	4083	4109		4082	0.5	0.5	0	1	6450	4082	4109		4108	0.5	0.5	0	1
6451	4090	4091		4117	0.5	0.5	0	1	6452	4087	4113		4086	0.5	0.5	0	1
6453	4113	4087		4114	0.5	0.5	0	1	6454	4088	4114		4087	0.5	0.5	0	1
6455	4114	4088		4115	0.5	0.5	0	1	6456	4089	4115		4088	0.5	0.5	0	1
6457	4115	4089		4116	0.5	0.5	0	1	6458	4090	4116		4089	0.5	0.5	0	1
6459	4116	4090		4117	0.5	0.5	0	1	6460	4082	4107		4081	0.5	0.5	0	1
6461	4107	4082		4108	0.5	0.5	0	1	6462	4048	4021		4049	0.5	0.5	0	1
6463	4048	4020		4021	0.5	0.5	0	1	6464	4021	4020		3997	0.5	0.5	0	1
6465	3997	4020		3996	0.5	0.5	0	1	6466	4020	4048		4047	0.5	0.5	0	1
6467	4070	4048		4049	0.5	0.5	0	1	6468	4069	4070		4081	0.5	0.5	0	1
6469	4081	4070		4082	0.5	0.5	0	1	6470	4048	4070		4069	0.5	0.5	0	1
6471	4069	4047		4048	0.5	0.5	0	1	6472	4072	4071		4053	0.5	0.5	0	1
6473	4071	4102		4101	0.5	0.5	0	1	6474	4102	4071		4072	0.5	0.5	0	1
6475	4053	4027		4051	0.5	0.5	0	1	6476	3998	4023		4022	0.5	0.5	0	1
6477	4023	3998		3999	0.5	0.5	0	1	6478	4071	4050		4053	0.5	0.5	0	1
6479	4027	4053		4050	0.5	0.5	0	1	6480	4051	4072		4053	0.5	0.5	0	1
6481	4050	4022		4027	0.5	0.5	0	1	6482	4022	4023		4027	0.5	0.5	0	1
6483	4023	4051		4027	0.5	0.5	0	1	6484	4133	4101		4102	0.5	0.5	0	1
6485	4101	4133		4132	0.5	0.5	0	1	6486	489	547		488	0.5	0.5	0	1
6487	477	536		476	0.5	0.5	0	1	6488	444	504		443	0.5	0.5	0	1
6489	430	369	370	431	0.5	0.5	0	1	6490	431	370	371	432	0.5	0.5	0	1
6491	369	308	309	370	0.5	0.5	0	1	6492	370	309	310	371	0.5	0.5	0	1
6493	308	246	247	309	0.5	0.5	0	1	6494	309	247	248	310	0.5	0.5	0	1
6495	246	185	186	247	0.5	0.5	0	1	6496	247	186	187	248	0.5	0.5	0	1
6497	185	124	125	186	0.5	0.5	0	1	6498	186	125	126</					

In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.	In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.
								Ind.									Ind.
6521	13	14	75	74	0.5	0.5	0	1	6522	74	75	136	135	0.5	0.5	0	1
6523	14	15	76	75	0.5	0.5	0	1	6524	75	76	137	136	0.5	0.5	0	1
6525	15	16	77	76	0.5	0.5	0	1	6526	76	77	138	137	0.5	0.5	0	1
6527	16	17	78	77	0.5	0.5	0	1	6528	77	78	139	138	0.5	0.5	0	1
6529	17	18	79	78	0.5	0.5	0	1	6530	78	79	140	139	0.5	0.5	0	1
6531	18	19	80	79	0.5	0.5	0	1	6532	79	80	141	140	0.5	0.5	0	1
6533	19	20	81	80	0.5	0.5	0	1	6534	80	81	142	141	0.5	0.5	0	1
6535	20	21	82	81	0.5	0.5	0	1	6536	81	82	143	142	0.5	0.5	0	1
6537	21	22	83	82	0.5	0.5	0	1	6538	82	83	144	143	0.5	0.5	0	1
6539	22	23	84	83	0.5	0.5	0	1	6540	83	84	145	144	0.5	0.5	0	1
6541	23	24	85	84	0.5	0.5	0	1	6542	84	85	146	145	0.5	0.5	0	1
6543	24	25	86	85	0.5	0.5	0	1	6544	85	86	147	146	0.5	0.5	0	1
6545	25	26	87	86	0.5	0.5	0	1	6546	86	87	148	147	0.5	0.5	0	1
6547	26	27	88	87	0.5	0.5	0	1	6548	87	88	149	148	0.5	0.5	0	1
6549	149	210	209	148	0.5	0.5	0	1	6550	148	209	208	147	0.5	0.5	0	1
6551	147	208	207	146	0.5	0.5	0	1	6552	146	207	206	145	0.5	0.5	0	1
6553	145	206	205	144	0.5	0.5	0	1	6554	144	205	204	143	0.5	0.5	0	1
6555	143	204	203	142	0.5	0.5	0	1	6556	142	203	202	141	0.5	0.5	0	1
6557	141	202	201	140	0.5	0.5	0	1	6558	140	201	200	139	0.5	0.5	0	1
6559	139	200	199	138	0.5	0.5	0	1	6560	138	199	198	137	0.5	0.5	0	1
6561	137	198	197	136	0.5	0.5	0	1	6562	136	197	196	135	0.5	0.5	0	1
6563	135	196	195	134	0.5	0.5	0	1	6564	134	195	194	133	0.5	0.5	0	1
6565	133	194	193	132	0.5	0.5	0	1	6566	132	193	192	131	0.5	0.5	0	1
6567	131	192	191	130	0.5	0.5	0	1	6568	130	191	190	129	0.5	0.5	0	1
6569	129	190	189	128	0.5	0.5	0	1	6570	128	189	188	127	0.5	0.5	0	1
6571	127	188	187	126	0.5	0.5	0	1	6572	210	271	270	209	0.5	0.5	0	1
6573	209	270	269	208	0.5	0.5	0	1	6574	208	269	268	207	0.5	0.5	0	1
6575	207	268	267	206	0.5	0.5	0	1	6576	206	267	266	205	0.5	0.5	0	1
6577	205	266	265	204	0.5	0.5	0	1	6578	204	265	264	203	0.5	0.5	0	1
6579	203	264	263	202	0.5	0.5	0	1	6580	202	263	262	201	0.5	0.5	0	1
6581	201	262	261	200	0.5	0.5	0	1	6582	200	261	260	199	0.5	0.5	0	1
6583	199	260	259	198	0.5	0.5	0	1	6584	198	259	258	197	0.5	0.5	0	1
6585	197	258	257	196	0.5	0.5	0	1	6586	196	257	256	195	0.5	0.5	0	1
6587	195	256	255	194	0.5	0.5	0	1	6588	194	255	254	193	0.5	0.5	0	1
6589	193	254	253	192	0.5	0.5	0	1	6590	192	253	252	191	0.5	0.5	0	1
6591	191	252	251	190	0.5	0.5	0	1	6592	190	251	250	189	0.5	0.5	0	1
6593	189	250	249	188	0.5	0.5	0	1	6594	188	249	248	187	0.5	0.5	0	1
6595	271	333	332	270	0.5	0.5	0	1	6596	270	332	331	269	0.5	0.5	0	1
6597	269	331	330	268	0.5	0.5	0	1	6598	268	330	329	267	0.5	0.5	0	1
6599	267	329	328	266	0.5	0.5	0	1	6600	266	328	327	265	0.5	0.5	0	1
6601	265	327	326	264	0.5	0.5	0	1	6602	264	326	325	263	0.5	0.5	0	1
6603	263	325	324	262	0.5	0.5	0	1	6604	262	324	323	261	0.5	0.5	0	1
6605	261	323	322	260	0.5	0.5	0	1	6606	260	322	321	259	0.5	0.5	0	1
6607	259	321	320	258	0.5	0.5	0	1	6608	258	320	319	257	0.5	0.5	0	1
6609	257	319	318	256	0.5	0.5	0	1	6610	256	318	317	255	0.5	0.5	0	1
6611	255	317	316	254	0.5	0.5	0	1	6612	254	316	315	253	0.5	0.5	0	1
6613	253	315	314	252	0.5	0.5	0	1	6614	252	314	313	251	0.5	0.5	0	1
6615	251	313	312	250	0.5	0.5	0	1	6616	250	312	311	249	0.5	0.5	0	1
6617	249	311	310	248	0.5	0.5	0	1	6618	333	394	393	332	0.5	0.5	0	1
6619	332	393	392	331	0.5	0.5	0	1	6620	331	392	391	330	0.5	0.5	0	1
6621	330	391	390	329	0.5	0.5	0	1	6622	329	390	389	328	0.5	0.5	0	1
6623	328	389	388	327	0.5	0.5	0	1	6624	327	388	387	326	0.5	0.5	0	1
6625	326	387	386	325	0.5	0.5	0	1	6626	325	386	385	324	0.5	0.5	0	1
6627	324	385	384	323	0.5	0.5	0	1	6628	323	384	383	322	0.5	0.5	0	1
6629	322	383	382	321	0.5	0.5	0	1	6630	321	382	381	320	0.5	0.5	0	1
6631	320	381	380	319	0.5	0.5	0	1	6632	319	380	379	318	0.5	0.5	0	1
6633	318	379	378	317	0.5	0.5	0	1	6634	317	378	377	316	0.5	0.5	0	1
6635	316	377	376	315	0.5	0.5	0	1	6636	315	376	375	314	0.5	0.5	0	1
6637	314	375	374	313	0.5	0.5	0	1	6638	313	374	373	312	0.5	0.5	0	1
6639	312	373	372	311	0.5	0.5	0	1	6640	311	372	371	310	0.5	0.5	0	1
6641	394	455	454	393	0.5	0.5	0	1	6642	393	454	453	392	0.5	0.5	0	1
6643	392	453	452	391	0.5	0.5	0	1	6644	391	452	451	390	0.5	0.5	0	1
6645	390	451	450	389	0.5	0.5	0	1	6646	389	450	449	388	0.5	0.5	0	1
6647	388	449	448	387	0.5	0.5	0	1	6648	387	448	447	386	0.5	0.5	0	1
6649	386	447	446	385	0.5	0.5	0	1	6650	385	446	445	384	0.5	0.5	0	1
6651	384	445	444	383	0.5	0.5	0	1	6652	383	444	443	382	0.5	0.5	0	1
6653	382	443	442	381	0.5	0.5	0	1	6654	381	442	441	380	0.5	0.5	0	1
6655	380	441	440	379	0.5	0.5	0	1	6656	379	440	439	378	0.5	0.5	0	1
6657	378	439	438	377	0.5	0.5	0	1	6658	377	438	437	376	0.5	0.5	0	1
6659	376	437	436	375	0.5	0.5	0	1	6660	375	436	435	374	0.5	0.5	0	1
6661	374	435	434	373	0.5	0.5	0	1	6662	373	434	433	372	0.5	0.5	0	1
6663	372	433	432	371	0.5	0.5	0	1	6664	455	456	516	515	0.5	0.5	0	1
6665	456	457	517	516	0.5	0.5	0	1	6666	457	458	518	517	0.5	0.5	0	1
6667	458	459	519	518	0.5	0.5	0	1	6668	459	460	520	519	0.5	0.5	0	1
6669	460	461	521	520	0.5	0.5	0	1	6670	461	462	522	521	0.5	0.5	0	1
6671	462	463	523	522	0.5	0.5	0	1	6672	463	464	524	523	0.5	0.5	0	1
6673	464	465	525	524	0.5	0.5	0	1	6674	465	404	405	466	0.5	0.5	0	1
6675	466	405	406	467	0.5	0.5	0	1	6676	467	406	407	468	0.5	0.5	0	1
6677	468	407	408	469	0.5	0.5	0	1	6678	469	408	409	470	0.5	0.5	0	1
6679	470	409	410	471	0.5	0.5	0	1	6680	471	410	411	472	0.5	0.5	0	1
6681	472	411	412	473	0.5	0.5	0	1	6682	473	412	413	474	0.5	0.5	0	1
6683	474	413	414	475	0.5	0.5	0	1	6684	475	414	415	476	0.5	0.5	0	1
6685	476	415	416	477	0.5	0.5	0	1	6686	477	416	417	478	0.5	0.5	0	1
6687	478	417	418	479	0.5	0.5	0	1	6688	479	418	419	480	0.5	0.5	0	1
6689	480	419	420	481	0.5	0.5	0	1	6690	481	420	421	482	0.5	0.5	0	1
6691	482																

Vano di equalizzazione e sedimentazione meccanica

In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.	In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.
								Ind.									Ind.
6715	422	361	362	423	0.5	0.5	0	1	6716	423	362	363	424	0.5	0.5	0	1
6717	424	363	364	425	0.5	0.5	0	1	6718	425	364	365	426	0.5	0.5	0	1
6719	426	365	366	427	0.5	0.5	0	1	6720	343	281	282	344	0.5	0.5	0	1
6721	344	282	283	345	0.5	0.5	0	1	6722	345	283	284	346	0.5	0.5	0	1
6723	346	284	285	347	0.5	0.5	0	1	6724	347	285	286	348	0.5	0.5	0	1
6725	348	286	287	349	0.5	0.5	0	1	6726	349	287	288	350	0.5	0.5	0	1
6727	350	288	289	351	0.5	0.5	0	1	6728	351	289	290	352	0.5	0.5	0	1
6729	352	290	291	353	0.5	0.5	0	1	6730	353	291	292	354	0.5	0.5	0	1
6731	354	292	293	355	0.5	0.5	0	1	6732	355	293	294	356	0.5	0.5	0	1
6733	356	294	295	357	0.5	0.5	0	1	6734	357	295	296	358	0.5	0.5	0	1
6735	358	296	297	359	0.5	0.5	0	1	6736	359	297	298	360	0.5	0.5	0	1
6737	360	298	299	361	0.5	0.5	0	1	6738	361	299	300	362	0.5	0.5	0	1
6739	362	300	301	363	0.5	0.5	0	1	6740	363	301	302	364	0.5	0.5	0	1
6741	364	302	303	365	0.5	0.5	0	1	6742	365	303	304	366	0.5	0.5	0	1
6743	281	220	221	282	0.5	0.5	0	1	6744	282	221	222	283	0.5	0.5	0	1
6745	283	222	223	284	0.5	0.5	0	1	6746	284	223	224	285	0.5	0.5	0	1
6747	285	224	225	286	0.5	0.5	0	1	6748	286	225	226	287	0.5	0.5	0	1
6749	287	226	227	288	0.5	0.5	0	1	6750	288	227	228	289	0.5	0.5	0	1
6751	289	228	229	290	0.5	0.5	0	1	6752	290	229	230	291	0.5	0.5	0	1
6753	291	230	231	292	0.5	0.5	0	1	6754	292	231	232	293	0.5	0.5	0	1
6755	293	232	233	294	0.5	0.5	0	1	6756	294	233	234	295	0.5	0.5	0	1
6757	295	234	235	296	0.5	0.5	0	1	6758	296	235	236	297	0.5	0.5	0	1
6759	297	236	237	298	0.5	0.5	0	1	6760	298	237	238	299	0.5	0.5	0	1
6761	299	238	239	300	0.5	0.5	0	1	6762	300	239	240	301	0.5	0.5	0	1
6763	301	240	241	302	0.5	0.5	0	1	6764	302	241	242	303	0.5	0.5	0	1
6765	303	242	243	304	0.5	0.5	0	1	6766	220	159	160	221	0.5	0.5	0	1
6767	221	160	161	222	0.5	0.5	0	1	6768	222	161	162	223	0.5	0.5	0	1
6769	223	162	163	224	0.5	0.5	0	1	6770	224	163	164	225	0.5	0.5	0	1
6771	225	164	165	226	0.5	0.5	0	1	6772	226	165	166	227	0.5	0.5	0	1
6773	227	166	167	228	0.5	0.5	0	1	6774	228	167	168	229	0.5	0.5	0	1
6775	229	168	169	230	0.5	0.5	0	1	6776	230	169	170	231	0.5	0.5	0	1
6777	231	170	171	232	0.5	0.5	0	1	6778	232	171	172	233	0.5	0.5	0	1
6779	233	172	173	234	0.5	0.5	0	1	6780	234	173	174	235	0.5	0.5	0	1
6781	235	174	175	236	0.5	0.5	0	1	6782	236	175	176	237	0.5	0.5	0	1
6783	237	176	177	238	0.5	0.5	0	1	6784	238	177	178	239	0.5	0.5	0	1
6785	239	178	179	240	0.5	0.5	0	1	6786	240	179	180	241	0.5	0.5	0	1
6787	241	180	181	242	0.5	0.5	0	1	6788	242	181	182	243	0.5	0.5	0	1
6789	159	98	99	160	0.5	0.5	0	1	6790	160	99	100	161	0.5	0.5	0	1
6791	161	100	101	162	0.5	0.5	0	1	6792	162	101	102	163	0.5	0.5	0	1
6793	163	102	103	164	0.5	0.5	0	1	6794	164	103	104	165	0.5	0.5	0	1
6795	165	104	105	166	0.5	0.5	0	1	6796	166	105	106	167	0.5	0.5	0	1
6797	167	106	107	168	0.5	0.5	0	1	6798	168	107	108	169	0.5	0.5	0	1
6799	169	108	109	170	0.5	0.5	0	1	6800	170	109	110	171	0.5	0.5	0	1
6801	171	110	111	172	0.5	0.5	0	1	6802	172	111	112	173	0.5	0.5	0	1
6803	173	112	113	174	0.5	0.5	0	1	6804	174	113	114	175	0.5	0.5	0	1
6805	175	114	115	176	0.5	0.5	0	1	6806	176	115	116	177	0.5	0.5	0	1
6807	177	116	117	178	0.5	0.5	0	1	6808	178	117	118	179	0.5	0.5	0	1
6809	179	118	119	180	0.5	0.5	0	1	6810	180	119	120	181	0.5	0.5	0	1
6811	181	120	121	182	0.5	0.5	0	1	6812	98	37	38	99	0.5	0.5	0	1
6813	99	38	39	100	0.5	0.5	0	1	6814	100	39	40	101	0.5	0.5	0	1
6815	101	40	41	102	0.5	0.5	0	1	6816	102	41	42	103	0.5	0.5	0	1
6817	103	42	43	104	0.5	0.5	0	1	6818	104	43	44	105	0.5	0.5	0	1
6819	105	44	45	106	0.5	0.5	0	1	6820	106	45	46	107	0.5	0.5	0	1
6821	107	46	47	108	0.5	0.5	0	1	6822	108	47	48	109	0.5	0.5	0	1
6823	109	48	49	110	0.5	0.5	0	1	6824	110	49	50	111	0.5	0.5	0	1
6825	111	50	51	112	0.5	0.5	0	1	6826	112	51	52	113	0.5	0.5	0	1
6827	113	52	53	114	0.5	0.5	0	1	6828	114	53	54	115	0.5	0.5	0	1
6829	115	54	55	116	0.5	0.5	0	1	6830	116	55	56	117	0.5	0.5	0	1
6831	117	56	57	118	0.5	0.5	0	1	6832	118	57	58	119	0.5	0.5	0	1
6833	119	58	59	120	0.5	0.5	0	1	6834	120	59	60	121	0.5	0.5	0	1
6835	60	61	122	121	0.5	0.5	0	1	6836	121	122	183	182	0.5	0.5	0	1
6837	61	62	123	122	0.5	0.5	0	1	6838	122	123	184	183	0.5	0.5	0	1
6839	184	245	244	183	0.5	0.5	0	1	6840	183	244	243	182	0.5	0.5	0	1
6841	245	306	305	244	0.5	0.5	0	1	6842	244	305	304	243	0.5	0.5	0	1
6843	306	368	367	305	0.5	0.5	0	1	6844	305	367	366	304	0.5	0.5	0	1
6845	368	429	428	367	0.5	0.5	0	1	6846	367	428	427	366	0.5	0.5	0	1
6847	429	490	489	428	0.5	0.5	0	1	6848	428	489	488	427	0.5	0.5	0	1
6849	490	489	490	548	0.5	0.5	0	1	6850	465	466	526	525	0.5	0.5	0	1
6851	546	487	488	547	0.5	0.5	0	1	6852	545	486	487	546	0.5	0.5	0	1
6853	466	467	527	526	0.5	0.5	0	1	6854	467	468	528	527	0.5	0.5	0	1
6855	544	485	486	545	0.5	0.5	0	1	6856	468	469	529	528	0.5	0.5	0	1
6857	543	484	485	544	0.5	0.5	0	1	6858	469	470	530	529	0.5	0.5	0	1
6859	542	483	484	543	0.5	0.5	0	1	6860	470	471	531	530	0.5	0.5	0	1
6861	541	482	483	542	0.5	0.5	0	1	6862	471	472	532	531	0.5	0.5	0	1
6863	540	481	482	541	0.5	0.5	0	1	6864	472	473	533	532	0.5	0.5	0	1
6865	539	480	481	540	0.5	0.5	0	1	6866	473	474	534	533	0.5	0.5	0	1
6867	538	479	480	539	0.5	0.5	0	1	6868	474	475	535	534	0.5	0.5	0	1
6869	537	478	479	538	0.5	0.5	0	1	6870	475	476	536	535	0.5	0.5	0	1
6871	536	477	478	537	0.5	0.5	0	1	6872	432	433	494	493	0.5	0.5	0	1
6873	514	454	455	515	0.5	0.5	0	1	6874	513	453	454	514	0.5	0.5	0	1
6875	433	434	495	494	0.5	0.5	0	1	6876	434	435	496	495	0.5	0.5	0	1
6877	512	452	453	513	0.5	0.5	0	1	6878	435	436	497	496	0.5	0.5	0	1
6879	511	451	452	512	0.5	0.5	0	1	6880	436	437	498	497	0.5	0.5	0	1
6881	510	450	451	511	0.5	0.5	0	1	6882	437	438	499	498	0.5	0.5	0	1
6883	509	449	450	510	0.5	0.5	0	1	6884	438	439	500	499	0.5	0.5		

In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.	In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.
								Ind.									Ind.
6909	95	156	155	94	0.5	0.5	0	1	6910	94	155	154	93	0.5	0.5	0	1
6911	93	154	153	92	0.5	0.5	0	1	6912	92	153	152	91	0.5	0.5	0	1
6913	91	152	151	90	0.5	0.5	0	1	6914	90	151	150	89	0.5	0.5	0	1
6915	89	150	149	88	0.5	0.5	0	1	6916	159	220	219	158	0.5	0.5	0	1
6917	158	219	218	157	0.5	0.5	0	1	6918	157	218	217	156	0.5	0.5	0	1
6919	156	217	216	155	0.5	0.5	0	1	6920	155	216	215	154	0.5	0.5	0	1
6921	154	215	214	153	0.5	0.5	0	1	6922	153	214	213	152	0.5	0.5	0	1
6923	152	213	212	151	0.5	0.5	0	1	6924	151	212	211	150	0.5	0.5	0	1
6925	150	211	210	149	0.5	0.5	0	1	6926	220	281	280	219	0.5	0.5	0	1
6927	219	280	279	218	0.5	0.5	0	1	6928	218	279	278	217	0.5	0.5	0	1
6929	217	278	277	216	0.5	0.5	0	1	6930	216	277	276	215	0.5	0.5	0	1
6931	215	276	275	214	0.5	0.5	0	1	6932	214	275	274	213	0.5	0.5	0	1
6933	213	274	273	212	0.5	0.5	0	1	6934	212	273	272	211	0.5	0.5	0	1
6935	211	272	271	210	0.5	0.5	0	1	6936	281	343	342	280	0.5	0.5	0	1
6937	280	342	341	279	0.5	0.5	0	1	6938	279	341	340	278	0.5	0.5	0	1
6939	278	340	339	277	0.5	0.5	0	1	6940	277	339	338	276	0.5	0.5	0	1
6941	276	338	337	275	0.5	0.5	0	1	6942	275	337	336	274	0.5	0.5	0	1
6943	274	336	335	273	0.5	0.5	0	1	6944	273	335	334	272	0.5	0.5	0	1
6945	272	334	333	271	0.5	0.5	0	1	6946	343	404	403	342	0.5	0.5	0	1
6947	342	403	402	341	0.5	0.5	0	1	6948	341	402	401	340	0.5	0.5	0	1
6949	340	401	400	339	0.5	0.5	0	1	6950	339	400	399	338	0.5	0.5	0	1
6951	338	399	398	337	0.5	0.5	0	1	6952	337	398	397	336	0.5	0.5	0	1
6953	336	397	396	335	0.5	0.5	0	1	6954	335	396	395	334	0.5	0.5	0	1
6955	334	395	394	333	0.5	0.5	0	1	6956	404	465	464	403	0.5	0.5	0	1
6957	403	464	463	402	0.5	0.5	0	1	6958	402	463	462	401	0.5	0.5	0	1
6959	401	462	461	400	0.5	0.5	0	1	6960	400	461	460	399	0.5	0.5	0	1
6961	399	460	459	398	0.5	0.5	0	1	6962	398	459	458	397	0.5	0.5	0	1
6963	397	458	457	396	0.5	0.5	0	1	6964	396	457	456	395	0.5	0.5	0	1
6965	395	456	455	394	0.5	0.5	0	1	6966	3822	3863		3833	0.3	0.3	0	1
6967	3892	3901		3900	0.3	0.3	0	1	6968	3875	3892		3863	0.3	0.3	0	1
6969	3847	3822		3813	0.3	0.3	0	1	6970	3822	3847		3863	0.3	0.3	0	1
6971	3875	3863		3847	0.3	0.3	0	1	6972	3892	3875		3901	0.3	0.3	0	1
6973	3901	3875		3902	0.3	0.3	0	1	6974	3833	3812		3822	0.3	0.3	0	1
6975	3812	3813		3822	0.3	0.3	0	1									

RISULTATI DI CALCOLO

1 Risultati numerici

1.1 Risposta modale

Modo: identificativo del modo di vibrare.

Periodo: periodo. [s]

Massa X: massa partecipante in direzione globale X. Il valore è adimensionale.

Massa Y: massa partecipante in direzione globale Y. Il valore è adimensionale.

Massa Z: massa partecipante in direzione globale Z. Il valore è adimensionale.

Massa rot. X: massa rotazionale partecipante attorno la direzione globale X. Il valore è adimensionale.

Massa rot. Y: massa rotazionale partecipante attorno la direzione globale Y. Il valore è adimensionale.

Massa rot. Z: massa rotazionale partecipante attorno la direzione globale Z. Il valore è adimensionale.

Massa sX: massa partecipante in direzione Sisma X. Il valore è adimensionale.

Massa sY: massa partecipante in direzione Sisma Y. Il valore è adimensionale.

Totale masse partecipanti:

Traslazione X: 0.983892

Traslazione Y: 0.912837

Traslazione Z: 0

Rotazione X: 0.658249

Rotazione Y: 0.661488

Rotazione Z: 0.681499

Modo	Periodo	Massa X	Massa Y	Massa Z	Massa rot. X	Massa rot. Y	Massa rot. Z	Massa sX	Massa sY
1	0.445947422	0.000000002	0.001252916	0	0.000876829	0.00000001	0.001313139	0.000000002	0.001252916
2	0.089840861	0.562385841	0.000008845	0	0.000010962	0.469531313	0.167251803	0.562385841	0.000008845
3	0.075847275	0.00000318	0.911573578	0	0.657357497	0.000002024	0.342058078	0.00000318	0.911573578
4	0.05398378	0.421502743	0.000002074	0	0.000003963	0.191954953	0.170876231	0.421502743	0.000002074

1.2 Spostamenti nodali SLU

Nodo: nodo interessato dallo spostamento.

Ind.: indice del nodo.

Cont.: condizione o combinazione di carico a cui si riferisce lo spostamento.

N.br.: nome breve della condizione o combinazione di carico.

Spostamento: spostamento traslazionale del nodo.

ux: componente X dello spostamento del nodo. [m]

uy: componente Y dello spostamento del nodo. [m]

uz: componente Z dello spostamento del nodo. [m]

Rotazione: spostamento rotazionale del nodo.

rx: componente X della rotazione del nodo. [deg]

ry: componente Y della rotazione del nodo. [deg]

rz: componente Z della rotazione del nodo. [deg]

Spostamenti nodali con componente Ux minima

Vengono mostrati i soli 20 nodi più sollecitati.

Nodo Ind.	Cont. N.br.	Spostamento			Rotazione		
		ux	uy	uz	rx	ry	rz
5149	SLU 4	-0.0054419	-0.0001594	-0.0126089	-0.0041	0.0614	0.0013
5148	SLU 4	-0.0054212	-0.0001594	-0.012912	-0.0052	0.0603	0.0013
6245	SLU 3	-0.00421	-0.0000346	-0.0046473	0.0038	-0.0473	-0.0007
6240	SLU 3	-0.0042045	-0.0000399	-0.0046808	0.0039	-0.047	0.002
6250	SLU 3	-0.0041925	-0.0000298	-0.0046143	0.0038	-0.0472	-0.0033
6235	SLU 3	-0.0041755	-0.0000459	-0.004715	0.004	-0.0465	0.0047
6255	SLU 3	-0.0041522	-0.0000256	-0.0045816	0.0037	-0.0467	-0.0059
6230	SLU 3	-0.0041226	-0.0000526	-0.00475	0.0041	-0.0456	0.0074
6260	SLU 3	-0.0040894	-0.000022	-0.0045493	0.0037	-0.046	-0.0084
6225	SLU 3	-0.0040451	-0.00006	-0.0047859	0.0042	-0.0444	0.0102
6265	SLU 3	-0.0040041	-0.0000189	-0.0045171	0.0037	-0.045	-0.011
6220	SLU 3	-0.0039426	-0.0000681	-0.004823	0.0043	-0.0429	0.0131
6270	SLU 3	-0.0038964	-0.0000162	-0.0044849	0.0037	-0.0436	-0.0135
5918	SLU 3	-0.0038391	-0.0000043	-0.0046467	0.0038	-0.0473	-0.0007
5916	SLU 3	-0.0038353	-0.0000091	-0.0046802	0.0039	-0.047	0.0016
5920	SLU 3	-0.0038224	0	-0.0046138	0.0038	-0.0472	-0.0031
6215	SLU 3	-0.0038145	-0.0000769	-0.0048614	0.0045	-0.041	0.0161
5914	SLU 3	-0.0038107	-0.0000145	-0.0047143	0.004	-0.0465	0.004
5922	SLU 3	-0.0037854	0.0000038	-0.0045812	0.0037	-0.0468	-0.0054
6275	SLU 3	-0.0037663	-0.0000139	-0.0044528	0.0037	-0.042	-0.0161

Spostamenti nodali con componente Ux massima

Vengono mostrati i soli 20 nodi più sollecitati.

Nodo Ind.	Cont. N.br.	Spostamento			Rotazione		
		ux	uy	uz	rx	ry	rz
6246	SLU 3	0.0037376	-0.0000208	-0.0046106	0.0037	0.0468	0.0007
6241	SLU 3	0.0037322	-0.0000254	-0.0046431	0.0038	0.0465	-0.0019
6251	SLU 3	0.0037202	-0.0000167	-0.0045785	0.0037	0.0467	0.0033
6236	SLU 3	0.0037037	-0.0000307	-0.0046762	0.0038	0.046	-0.0046
6256	SLU 3	0.0036803	-0.0000133	-0.0045466	0.0036	0.0463	0.0058
6231	SLU 3	0.0036516	-0.0000366	-0.0047101	0.0039	0.0451	-0.0073
6261	SLU 3	0.0036181	-0.0000104	-0.004515	0.0036	0.0455	0.0083
6226	SLU 3	0.0035752	-0.0000433	-0.0047448	0.004	0.0439	-0.0101
6266	SLU 3	0.0035338	-0.0000008	-0.0044833	0.0036	0.0445	0.0109
6221	SLU 3	0.003474	-0.0000507	-0.0047805	0.0042	0.0424	-0.013
6271	SLU 3	0.0034274	-0.000006	-0.0044517	0.0036	0.0432	0.0134
5919	SLU 3	0.0033706	0.0000087	-0.0046101	0.0037	0.0468	0.0008
5917	SLU 3	0.0033671	0.0000045	-0.0046426	0.0038	0.0465	-0.0016
5921	SLU 3	0.0033539	0.0000123	-0.004578	0.0037	0.0467	0.003
6216	SLU 3	0.0033475	-0.0000588	-0.0048174	0.0043	0.0405	-0.0159
5915	SLU 3	0.0033429	-0.0000002	-0.0046757	0.0039	0.046	-0.0039
5923	SLU 3	0.0033173	0.0000155	-0.0045463	0.0037	0.0463	0.0053
6276	SLU 3	0.0032988	-0.0000044	-0.0044199	0.0036	0.0416	0.0159
5913	SLU 3	0.0032976	-0.0000054	-0.0047094	0.004	0.0451	-0.0064
5925	SLU 3	0.0032608	0.0000183	-0.0045146	0.0036	0.0455	0.0076

Spostamenti nodali con componente Uy minima

Vengono mostrati i soli 20 nodi più sollecitati.

Nodo Ind.	Cont. N.br.	Spostamento			Rotazione		
		ux	uy	uz	rx	ry	rz
6086	SLU 1	-0.0002213	-0.0028075	-0.005681	0.0238	-0.0001	0.0003
6085	SLU 1	-0.0002227	-0.0027876	-0.0056817	0.0233	-0.0001	-0.005
6087	SLU 1	-0.0002202	-0.0027842	-0.0056804	0.024	-0.0001	0.0052
6113	SLU 1	-0.0002257	-0.0027257	-0.005631	0.0228	-0.0001	0.0014
6084	SLU 1	-0.0002243	-0.0027228	-0.0056825	0.0226	-0.0001	-0.0103
6088	SLU 1	-0.0002192	-0.0027209	-0.0056799	0.0239	-0.0001	0.0097
6112	SLU 1	-0.0002278	-0.0027142	-0.0056323	0.023	-0.0001	-0.0039
6114	SLU 1	-0.0002234	-0.0026894	-0.0056298	0.0222	-0.0001	0.0069
6111	SLU 1	-0.0002299	-0.0026578	-0.0056338	0.0228	-0.0002	-0.0087
6044	SLU 1	-0.0002207	-0.0026455	-0.0056808	0.0236	-0.0001	0.0005
6038	SLU 1	-0.000222	-0.0026266	-0.0056815	0.0231	-0.0001	-0.0045
6051	SLU 1	-0.0002196	-0.0026238	-0.0056803	0.0238	-0.0001	0.0052
6089	SLU 1	-0.0002186	-0.0026225	-0.0056793	0.0235	-0.0001	0.0135
6083	SLU 1	-0.0002259	-0.0026129	-0.0056835	0.0216	-0.0001	-0.0156
6115	SLU 1	-0.0002211	-0.0026038	-0.0056289	0.0214	-0.0001	0.0124
6041	SLU 1	-0.0002234	-0.0025679	-0.0056823	0.0224	-0.0001	-0.0096
6110	SLU 1	-0.0002318	-0.0025616	-0.0056354	0.0224	-0.0002	-0.0129
6049	SLU 1	-0.0002187	-0.0025609	-0.0056798	0.0237	-0.0001	0.0095
5985	SLU 1	-0.0002247	-0.0025501	-0.0056307	0.0225	-0.0001	0.0011
5986	SLU 1	-0.0002267	-0.0025371	-0.0056321	0.0228	-0.0002	-0.004

Spostamenti nodali con componente Uy massima

Vengono mostrati i soli 20 nodi più sollecitati.

Nodo Ind.	Cont. N.br.	Spostamento			Rotazione		
		ux	uy	uz	rx	ry	rz
156	SLU 10	-0.0002057	0.0009218	-0.0056433	0.0267	-0.0004	0
95	SLU 10	-0.0002064	0.0009216	-0.0058172	0.0265	-0.0004	-0.0001
217	SLU 10	-0.0002049	0.0009216	-0.0054198	0.0266	-0.0005	-0.0001
155	SLU 10	-0.000205	0.0009215	-0.0056468	0.0267	-0.0004	0.0001
34	SLU 10	-0.0002067	0.0009214	-0.0059903	0.0264	-0.0003	0
216	SLU 10	-0.0002053	0.0009213	-0.0054238	0.0265	-0.0004	0.0001
94	SLU 10	-0.0002048	0.0009213	-0.0058203	0.0264	-0.0004	0.0001
278	SLU 10	-0.0002038	0.0009213	-0.0051976	0.0264	-0.0007	-0.0001
157	SLU 10	-0.0002066	0.0009212	-0.0056395	0.0268	-0.0005	-0.0002
33	SLU 10	-0.0002044	0.0009211	-0.005993	0.0264	-0.0003	0.0001
277	SLU 10	-0.0002054	0.000921	-0.0052027	0.0263	-0.0005	0
96	SLU 10	-0.0002082	0.000921	-0.005814	0.0266	-0.0004	-0.0002
340	SLU 10	-0.0002025	0.0009209	-0.0049765	0.0264	-0.0009	-0.0001
218	SLU 10	-0.0002047	0.0009208	-0.0054149	0.0268	-0.0007	-0.0002
35	SLU 10	-0.0002095	0.0009207	-0.0059882	0.0266	-0.0002	-0.0002
339	SLU 10	-0.0002054	0.0009206	-0.0049829	0.0262	-0.0007	0
279	SLU 10	-0.0002024	0.0009205	-0.005191	0.0267	-0.0009	-0.0002
401	SLU 10	-0.0002009	0.0009204	-0.0047551	0.0265	-0.0011	-0.0001
154	SLU 10	-0.0002044	0.0009204	-0.0056498	0.0267	-0.0003	0.0002
215	SLU 10	-0.0002058	0.0009202	-0.005427	0.0265	-0.0003	0.0002

Spostamenti nodali con componente Uz minima

Vengono mostrati i soli 20 nodi più sollecitati.

Nodo Ind.	Cont. N.br.	Spostamento			Rotazione		
		ux	uy	uz	rx	ry	rz
5148	SLU 7	-0.00539	-0.0000479	-0.0130313	-0.0032	0.0584	-0.0012
5149	SLU 7	-0.0053721	-0.0000479	-0.0127568	-0.0023	0.059	-0.0013
18	SLU 3	-0.0001836	0.0007288	-0.0061545	0.0362	0	0.0011
17	SLU 3	-0.0001847	0.0007197	-0.0061523	0.036	0.0005	0.001
19	SLU 3	-0.0001827	0.000739	-0.0061522	0.0359	-0.0005	0.0013
20	SLU 3	-0.0001821	0.0007502	-0.0061456	0.0354	-0.001	0.0014
16	SLU 3	-0.0001858	0.0007118	-0.0061455	0.0355	0.0011	0.0009
21	SLU 3	-0.0001818	0.0007621	-0.0061353	0.0346	-0.0014	0.0014
15	SLU 3	-0.0001869	0.0007051	-0.006134	0.0347	0.0016	0.0007
22	SLU 3	-0.0001819	0.0007746	-0.0061219	0.0335	-0.0017	0.0015
14	SLU 3	-0.0001879	0.0006997	-0.006118	0.0335	0.0022	0.0006
23	SLU 3	-0.0001825	0.0007874	-0.0061065	0.0323	-0.0019	0.0015
46	SLU 3	-0.0002346	0.0007448	-0.0061003	0.0358	-0.0002	-0.0012
45	SLU 3	-0.0002349	0.0007555	-0.0061002	0.0356	0.0003	-0.0013
13	SLU 3	-0.0001886	0.0006955	-0.0060976	0.032	0.0027	0.0004
44	SLU 3	-0.0002348	0.000767	-0.0060961	0.0351	0.0007	-0.0014
47	SLU 3	-0.0002341	0.000735	-0.0060961	0.0357	-0.0008	-0.0011
24	SLU 3	-0.0001838	0.0008001	-0.0060905	0.031	-0.0019	0.0015
43	SLU 3	-0.0002342	0.0007792	-0.0060884	0.0343	0.0011	-0.0015
48	SLU 3	-0.0002335	0.0007263	-0.0060873	0.0352	-0.0013	-0.001

Spostamenti nodali con componente Uz massima

Vengono mostrati i soli 20 nodi più sollecitati.

Nodo Ind.	Cont. N.br.	Spostamento			Rotazione		
		ux	uy	uz	rx	ry	rz
3902	SLU 4	0.0006828	0.0000166	0.0001484	0.0159	-0.3393	0.0034
3875	SLU 4	0.0007048	0.0000166	0.0000442	0.0159	-0.3393	0.0034
6757	SLU 1	0	0	0	0	0	0
6756	SLU 1	0	0	0	0	0	0
1	SLU 1	0	0	0	0	0	0
6755	SLU 1	0	0	0	0	0	0
6753	SLU 1	0	0	0	0	0	0
6754	SLU 1	0	0	0	0	0	0
3847	SLU 4	0.0007271	0.0000167	-0.0000612	0.0162	-0.3393	0.0034
3813	SLU 4	0.0007496	0.0000167	-0.0001677	0.0163	-0.3394	0.0034
3901	SLU 1	0.000846	0.0000019	-0.0009247	0.0096	-0.1547	0.0073
3893	SLU 1	0.000863	0.0000018	-0.0009472	0.0096	-0.1546	0.0073
3834	SLU 1	0.0009739	0.0000019	-0.0010946	0.01	-0.1547	0.0074
3822	SLU 1	0.0009822	0.0000019	-0.0011057	0.0099	-0.1548	0.0074
4120	SLU 1	-0.0001836	0.0001656	-0.0015931	0.0061	-0.0004	-0.0003
3900	SLU 1	0.000846	-0.00003	-0.0015995	0.0096	-0.1546	0.0073
4121	SLU 1	-0.0001896	0.0001632	-0.0016005	0.0061	0.002	-0.0002
4119	SLU 1	-0.0001776	0.0001692	-0.0016073	0.0061	-0.0028	-0.0005
3892	SLU 1	0.000863	-0.00003	-0.0016217	0.0096	-0.1546	0.0073
4122	SLU 1	-0.0001953	0.000162	-0.001626	0.006	0.0036	-0.0002

1.3 Spostamenti nodali SLV

Nodo: nodo interessato dallo spostamento.

Ind.: indice del nodo.

Cont.: condizione o combinazione di carico a cui si riferisce lo spostamento.

N.br.: nome breve della condizione o combinazione di carico.

Spostamento: spostamento traslazionale del nodo.

ux: componente X dello spostamento del nodo. [m]

uy: componente Y dello spostamento del nodo. [m]

uz: componente Z dello spostamento del nodo. [m]

Rotazione: spostamento rotazionale del nodo.

rx: componente X della rotazione del nodo. [deg]

ry: componente Y della rotazione del nodo. [deg]

rz: componente Z della rotazione del nodo. [deg]

Spostamenti nodali con componente Ux minima

Vengono mostrati i soli 20 nodi più sollecitati.

Nodo Ind.	Cont. N.br.	Spostamento			Rotazione		
		ux	uy	uz	rx	ry	rz
5149	SLV 1	-0.0055051	-0.0137968	-0.0113259	0.0065	0.0587	0.0024
5148	SLV 3	-0.0054978	0.013851	-0.0115676	-0.0189	0.0578	-0.0022
6245	SLV 1	-0.0042265	-0.0002153	-0.0033686	0.0026	-0.0523	-0.0001
6240	SLV 1	-0.0042172	-0.0002217	-0.0033926	0.0027	-0.0521	0.0026
6250	SLV 1	-0.0042102	-0.0002097	-0.0033462	0.0025	-0.0522	-0.0034
6235	SLV 1	-0.004182	-0.0002292	-0.0034158	0.0028	-0.0515	0.0056
6255	SLV 1	-0.0041684	-0.0002051	-0.0033244	0.0024	-0.0516	-0.0063
6230	SLV 1	-0.0041208	-0.0002375	-0.0034408	0.0029	-0.0506	0.0086
6260	SLV 1	-0.0041016	-0.0002013	-0.0033031	0.0023	-0.0508	-0.0092
6225	SLV 1	-0.0040338	-0.0002466	-0.0034669	0.003	-0.0493	0.0116
6265	SLV 1	-0.0040102	-0.0001983	-0.0032823	0.0022	-0.0497	-0.012
6220	SLV 1	-0.0039211	-0.0002564	-0.0034942	0.0031	-0.0476	0.0146
6270	SLV 1	-0.0038948	-0.0001959	-0.0032619	0.0021	-0.0481	-0.0147
5918	SLV 1	-0.0038179	-0.0001945	-0.0033681	0.0026	-0.0522	-0.0002
5916	SLV 1	-0.0038102	-0.0001999	-0.0033921	0.0027	-0.052	0.0022
5920	SLV 1	-0.0038028	-0.0001897	-0.0033457	0.0025	-0.0521	-0.0031
6215	SLV 1	-0.0037831	-0.0002669	-0.0035228	0.0032	-0.0456	0.0175
5914	SLV 1	-0.0037796	-0.0002061	-0.0034153	0.0028	-0.0514	0.0049
5922	SLV 1	-0.0037651	-0.0001855	-0.0033239	0.0024	-0.0516	-0.0057
6275	SLV 1	-0.0037639	-0.000194	-0.0032419	0.002	-0.0462	-0.0174

Spostamenti nodali con componente Ux massima

Vengono mostrati i soli 20 nodi più sollecitati.

Nodo Ind.	Cont. N.br.	Spostamento			Rotazione		
		ux	uy	uz	rx	ry	rz
6246	SLV 13	0.0086313	-0.0001847	-0.0037515	0.0024	0.1123	0.0008
6241	SLV 13	0.0086167	-0.0001855	-0.0037742	0.0024	0.112	-0.0045
6251	SLV 13	0.008597	-0.0001847	-0.0037303	0.0024	0.1119	0.0068
6236	SLV 13	0.0085531	-0.0001873	-0.003793	0.0023	0.111	-0.0101
6256	SLV 13	0.0085138	-0.0001856	-0.0037086	0.0024	0.1108	0.0124
6231	SLV 13	0.0084404	-0.0001901	-0.0038134	0.0023	0.1094	-0.0158
6261	SLV 13	0.008382	-0.0001873	-0.0036864	0.0025	0.1089	0.018
6226	SLV 13	0.0082783	-0.0001939	-0.003834	0.0023	0.107	-0.0215
6266	SLV 13	0.0082015	-0.0001895	-0.0036636	0.0025	0.1067	0.0236
6221	SLV 13	0.008067	-0.0001985	-0.0038547	0.0023	0.104	-0.0272
6271	SLV 13	0.0079723	-0.0001923	-0.0036402	0.0025	0.1035	0.0291
6216	SLV 13	0.0078062	-0.0002039	-0.0038759	0.0023	0.1002	-0.0328
5919	SLV 13	0.0077519	-0.0001655	-0.0037515	0.0024	0.1122	0.0009
5917	SLV 13	0.0077395	-0.0001663	-0.0037742	0.0024	0.1119	-0.0039
5921	SLV 13	0.0077209	-0.0001653	-0.0037303	0.0025	0.1118	0.0061
6276	SLV 13	0.0077112	-0.0001953	-0.003616	0.0025	0.0996	0.0347
5915	SLV 13	0.0076836	-0.0001678	-0.0037928	0.0024	0.111	-0.009
5923	SLV 13	0.0076466	-0.0001657	-0.0037087	0.0025	0.1107	0.0111
5913	SLV 13	0.007584	-0.0001701	-0.0038133	0.0024	0.1093	-0.014
5925	SLV 13	0.007529	-0.0001667	-0.0036865	0.0025	0.1089	0.016

Spostamenti nodali con componente Uy minima

Vengono mostrati i soli 20 nodi più sollecitati.

Nodo Ind.	Cont. N.br.	Spostamento			Rotazione		
		ux	uy	uz	rx	ry	rz
5149	SLV 9	-0.002597	-0.0461534	-0.006816	0.0397	0.0279	0.0076
5148	SLV 9	-0.0024668	-0.0461534	-0.0069246	0.0393	0.0252	0.0076
6113	SLV 5	-0.0002763	-0.0023577	-0.0040944	0.0199	-0.0004	0.0009
6112	SLV 5	-0.0002773	-0.0023528	-0.0040983	0.02	-0.0004	-0.002
6088	SLV 5	-0.0002569	-0.0023404	-0.0041893	0.0193	-0.0003	0.0029
6114	SLV 5	-0.0002752	-0.0023363	-0.0040907	0.0197	-0.0004	0.0039
6087	SLV 9	-0.0000424	-0.0023104	-0.0041486	0.0197	0.0001	0.0009
6115	SLV 1	-0.0005848	-0.002309	-0.0038408	0.0211	-0.0017	0.0031
6086	SLV 9	-0.0000444	-0.0023066	-0.0041481	0.0195	0	-0.0018
6089	SLV 5	-0.0002562	-0.002288	-0.0041868	0.0197	-0.0003	0.0051
6085	SLV 9	-0.0000466	-0.0022792	-0.0041448	0.0191	0	-0.0046
6116	SLV 1	-0.0005876	-0.0022645	-0.003826	0.0208	-0.0017	0.0069
6111	SLV 5	-0.0002782	-0.0022513	-0.0041024	0.0198	-0.0005	-0.0047
6084	SLV 9	-0.000049	-0.0022277	-0.0041481	0.0186	0	-0.0075
6090	SLV 5	-0.0002557	-0.0022194	-0.0041844	0.0191	-0.0003	0.0069
6110	SLV 5	-0.0002789	-0.002219	-0.0041066	0.0194	-0.0005	-0.007
6049	SLV 5	-0.0002547	-0.0022054	-0.0041892	0.0193	-0.0003	0.0028
5985	SLV 5	-0.0002731	-0.0022035	-0.0040942	0.0198	-0.0004	0.0008
5986	SLV 5	-0.0002739	-0.0021986	-0.0040982	0.0199	-0.0005	-0.0019
6117	SLV 1	-0.0005905	-0.0021862	-0.0038108	0.0203	-0.0018	0.0107

Spostamenti nodali con componente Uy massima

Vengono mostrati i soli 20 nodi più sollecitati.

Nodo Ind.	Cont. N.br.	Spostamento			Rotazione		
		ux	uy	uz	rx	ry	rz
5148	SLV 7	-0.003941	0.0460524	-0.0092453	-0.046	0.0398	-0.0077
5149	SLV 7	-0.0038108	0.0460524	-0.008984	-0.0449	0.0383	-0.0077
6399	SLV 7	-0.0001109	0.0017065	-0.0026597	-0.0067	0.0026	0.0016
6400	SLV 7	-0.0001047	0.0017011	-0.0026832	-0.0066	0.0028	-0.0028
6361	SLV 11	-0.0002212	0.0016858	-0.0027107	-0.0059	-0.0031	0.0007
6398	SLV 7	-0.000118	0.0016753	-0.0026369	-0.0064	0.0027	0.0057
6362	SLV 11	-0.0002122	0.0016739	-0.0026838	-0.0058	-0.0031	-0.0035
6360	SLV 11	-0.0002293	0.0016608	-0.0027385	-0.0057	-0.0033	-0.0051
6401	SLV 7	-0.0000995	0.0016576	-0.0027072	-0.0062	0.0027	-0.0073
5969	SLV 7	-0.0001313	0.0016548	-0.0026594	-0.0066	0.0027	0.0014
5976	SLV 7	-0.0001258	0.0016496	-0.002683	-0.0065	0.0026	-0.0027
5968	SLV 11	-0.0001969	0.00164	-0.0027102	-0.0059	-0.0032	0.0007
5884	SLV 11	-0.0001889	0.0016294	-0.0026833	-0.0058	-0.0029	-0.0032
6363	SLV 11	-0.000202	0.0016282	-0.0026581	-0.0052	-0.0028	-0.0059
5885	SLV 7	-0.0001377	0.0016263	-0.0026365	-0.0064	0.0024	0.0052
5975	SLV 11	-0.0002041	0.0016165	-0.0027381	-0.0056	-0.0031	0.0048
6397	SLV 7	-0.0001263	0.0016119	-0.0026149	-0.0056	0.0024	0.008
5978	SLV 7	-0.000121	0.001609	-0.0027069	-0.0061	0.0028	-0.0068
5673	SLV 7	-0.0001502	0.0016013	-0.0026591	-0.0072	0.0024	0.0014
6359	SLV 11	-0.0002364	0.0015982	-0.002767	-0.0051	-0.0033	0.0094

Spostamenti nodali con componente Uz minima

Vengono mostrati i soli 20 nodi più sollecitati.

Nodo Ind.	Cont. N.br.	Spostamento			Rotazione		
		ux	uy	uz	rx	ry	rz
5148	SLV 3	-0.0054978	0.013851	-0.0115676	-0.0189	0.0578	-0.0022
5149	SLV 3	-0.0054592	0.013851	-0.0113568	-0.0183	0.0573	-0.0022
1631	SLV 13	0.0002482	0.000027	-0.0047977	0.0002	0.0738	0.0001
1570	SLV 13	0.00025	0.0000288	-0.004797	-0.0005	0.0722	0.0001
1692	SLV 13	0.0002466	0.0000257	-0.0047929	0.0008	0.075	0.0001
1509	SLV 13	0.0002522	0.0000313	-0.004791	-0.0011	0.0701	0.0002
1753	SLV 13	0.0002452	0.000025	-0.0047829	0.0015	0.0757	0.0001
1448	SLV 13	0.0002549	0.0000344	-0.0047794	-0.0018	0.0676	0.0002
1814	SLV 13	0.0002438	0.0000247	-0.0047718	0.0021	0.076	0.0001
1387	SLV 13	0.0002584	0.0000383	-0.0047623	-0.0024	0.0646	0.0003
1875	SLV 13	0.0002425	0.0000249	-0.0047461	0.0027	0.076	0.0001
1326	SLV 13	0.0002629	0.000043	-0.0047398	-0.0031	0.0611	0.0004
1936	SLV 15	0.0002372	0.0003636	-0.004722	0.0025	0.0754	0.0002
1265	SLV 13	0.0002687	0.0000485	-0.0047121	-0.0037	0.0572	0.0005
1997	SLV 15	0.0002354	0.0003649	-0.0046955	0.0026	0.0747	0.0002
1204	SLV 13	0.0002761	0.0000549	-0.0046795	-0.0042	0.0528	0.0006
2059	SLV 15	0.0002334	0.0003665	-0.0046635	0.0027	0.0736	0.0002
1143	SLV 13	0.0002857	0.0000619	-0.0046429	-0.0047	0.048	0.0013
2120	SLV 15	0.0002311	0.0003683	-0.0046261	0.0029	0.0722	0.0003
1082	SLV 13	0.000298	0.0000694	-0.0046035	-0.0049	0.0431	0.0016

Spostamenti nodali con componente Uz massima

Vengono mostrati i soli 20 nodi più sollecitati.

Nodo Ind.	Cont. N.br.	Spostamento			Rotazione		
		ux	uy	uz	rx	ry	rz
3902	SLV 1	-0.000029	-0.0001863	0.0003649	0.0158	-0.2973	0.0074
3875	SLV 1	0.0000051	-0.0001863	0.0002616	0.0157	-0.2973	0.0072
3847	SLV 1	0.0000189	-0.0001862	0.0001852	0.0159	-0.2973	0.0074
3813	SLV 3	-0.0000017	0.0002109	0.0001232	0.0094	-0.2982	-0.0025
6757	SLV 1	0	0	0	0	0	0
6756	SLV 1	0	0	0	0	0	0
1	SLV 1	0	0	0	0	0	0
6754	SLV 1	0	0	0	0	0	0
6755	SLV 1	0	0	0	0	0	0
6753	SLV 1	0	0	0	0	0	0
3901	SLV 5	0.0002242	-0.0007314	-0.0008072	0.0214	-0.2332	0.0184
3893	SLV 5	0.0002637	-0.0007267	-0.0008543	0.0216	-0.2331	0.0195
3822	SLV 7	0.0003117	0.0007345	-0.0009581	-0.0004	-0.2359	-0.0149
3834	SLV 7	0.0003277	0.0007284	-0.0009611	-0.0007	-0.236	-0.0165
4133	SLV 5	-0.0002259	-0.0005591	-0.0010776	0.0123	-0.0002	-0.0003
4132	SLV 5	-0.0002259	-0.0005553	-0.0010811	0.0119	-0.0005	-0.0003
4131	SLV 5	-0.0002258	-0.0005525	-0.0010877	0.0115	-0.0009	-0.0003
4130	SLV 5	-0.0002256	-0.0005495	-0.0010978	0.0108	-0.0013	-0.0003
4107	SLV 9	-0.0000126	-0.000501	-0.0011027	0.012	0.0002	-0.0003
4108	SLV 9	-0.0000127	-0.0005045	-0.0011059	0.0116	0.0005	-0.0003

1.4 Spostamenti nodali SLD

Nodo: nodo interessato dallo spostamento.

Ind.: indice del nodo.

Cont.: condizione o combinazione di carico a cui si riferisce lo spostamento.

N.br.: nome breve della condizione o combinazione di carico.

Spostamento: spostamento traslazionale del nodo.

ux: componente X dello spostamento del nodo. [m]

uy: componente Y dello spostamento del nodo. [m]

uz: componente Z dello spostamento del nodo. [m]

Rotazione: spostamento rotazionale del nodo.

rx: componente X della rotazione del nodo. [deg]

ry: componente Y della rotazione del nodo. [deg]

rz: componente Z della rotazione del nodo. [deg]

Spostamenti nodali con componente Ux minima

Vengono mostrati i soli 20 nodi più sollecitati.

Nodo Ind.	Cont. N.br.	Spostamento			Rotazione		
		ux	uy	uz	rx	ry	rz
5149	SLD 1	-0.0043775	-0.0066069	-0.009638	0.0016	0.0461	0.0011
5148	SLD 3	-0.0043733	0.0065787	-0.0098513	-0.0109	0.0453	-0.0011
6245	SLD 1	-0.0037043	-0.0001085	-0.0033345	0.0026	-0.0442	-0.0003
6240	SLD 1	-0.0036979	-0.0001138	-0.0033576	0.0026	-0.044	0.002
6250	SLD 1	-0.0036893	-0.000104	-0.0033123	0.0025	-0.0441	-0.003
6235	SLD 1	-0.0036698	-0.0001197	-0.0033806	0.0027	-0.0436	0.0045
6255	SLD 1	-0.003653	-0.0001001	-0.0032907	0.0024	-0.0437	-0.0054
6230	SLD 1	-0.0036198	-0.0001263	-0.0034048	0.0028	-0.0428	0.007
6260	SLD 1	-0.0035956	-0.0000968	-0.0032694	0.0024	-0.0429	-0.0078
6225	SLD 1	-0.0035477	-0.0001336	-0.0034299	0.0029	-0.0417	0.0096
6265	SLD 1	-0.0035176	-0.000094	-0.0032485	0.0023	-0.042	-0.0102
6220	SLD 1	-0.0034535	-0.0001415	-0.003456	0.003	-0.0403	0.0121
6270	SLD 1	-0.003419	-0.0000917	-0.0032278	0.0022	-0.0407	-0.0125
5918	SLD 1	-0.0033582	-0.0000881	-0.003334	0.0026	-0.0442	-0.0004
5916	SLD 1	-0.0033532	-0.0000926	-0.0033571	0.0027	-0.044	0.0017
5920	SLD 1	-0.0033442	-0.0000841	-0.0033119	0.0025	-0.0441	-0.0027
6215	SLD 1	-0.0033372	-0.0001499	-0.0034833	0.0031	-0.0386	0.0147
5914	SLD 1	-0.0033289	-0.0000977	-0.0033801	0.0027	-0.0435	0.0039
5922	SLD 1	-0.0033112	-0.0000806	-0.0032903	0.0024	-0.0436	-0.0049
6275	SLD 1	-0.0033044	-0.0000898	-0.0032074	0.0022	-0.0391	-0.0148

Spostamenti nodali con componente Ux massima

Vengono mostrati i soli 20 nodi più sollecitati.

Nodo Ind.	Cont. N.br.	Spostamento			Rotazione		
		ux	uy	uz	rx	ry	rz
6246	SLD 13	0.005507	-0.00009	-0.0034931	0.0024	0.0709	0.0007
6241	SLD 13	0.0054983	-0.0000924	-0.0035153	0.0025	0.0707	-0.0028
6251	SLD 13	0.0054839	-0.0000882	-0.0034718	0.0024	0.0707	0.0045
6236	SLD 13	0.0054576	-0.0000955	-0.0035359	0.0025	0.07	-0.0065
6256	SLD 13	0.0054292	-0.0000871	-0.0034505	0.0024	0.07	0.0081
6231	SLD 13	0.0053848	-0.0000994	-0.0035576	0.0025	0.0689	-0.0102
6261	SLD 13	0.0053429	-0.0000865	-0.003429	0.0024	0.0688	0.0117
6226	SLD 13	0.0052795	-0.000104	-0.0035798	0.0025	0.0674	-0.014
6266	SLD 13	0.0052252	-0.0000864	-0.0034074	0.0024	0.0674	0.0153
6221	SLD 13	0.0051415	-0.0001092	-0.0036025	0.0026	0.0653	-0.0177
6271	SLD 13	0.0050761	-0.0000867	-0.0033855	0.0024	0.0654	0.0189
6216	SLD 13	0.0049707	-0.0001152	-0.0036259	0.0027	0.0629	-0.0215
5919	SLD 13	0.0049515	-0.0000705	-0.0034929	0.0025	0.0709	0.0007
5917	SLD 13	0.0049444	-0.0000727	-0.0035151	0.0025	0.0707	-0.0024
5921	SLD 13	0.0049303	-0.0000689	-0.0034716	0.0024	0.0706	0.004
5915	SLD 13	0.004909	-0.0000754	-0.0035356	0.0025	0.07	-0.0057
6276	SLD 13	0.0049041	-0.0000873	-0.0033632	0.0024	0.0629	0.0225
5923	SLD 13	0.004881	-0.0000676	-0.0034503	0.0024	0.0699	0.0073
5913	SLD 13	0.0048449	-0.0000787	-0.0035573	0.0025	0.0689	-0.009
5925	SLD 13	0.0048037	-0.0000668	-0.0034289	0.0024	0.0688	0.0105

Spostamenti nodali con componente Uy minima

Vengono mostrati i soli 20 nodi più sollecitati.

Nodo Ind.	Cont. N.br.	Spostamento			Rotazione		
		ux	uy	uz	rx	ry	rz
5149	SLD 9	-0.002893	-0.0220373	-0.0073508	0.0176	0.0305	0.0036
5148	SLD 9	-0.0028297	-0.0220373	-0.0074972	0.017	0.0288	0.0036
6086	SLD 9	-0.0000914	-0.0021351	-0.0040788	0.0185	0	-0.0009
6087	SLD 9	-0.0000901	-0.0021298	-0.0040789	0.0187	0	0.0021
6113	SLD 5	-0.0002171	-0.0021272	-0.0040359	0.0183	-0.0003	0.0011
6112	SLD 5	-0.0002184	-0.0021225	-0.0040383	0.0184	-0.0003	-0.0021
6088	SLD 5	-0.0002033	-0.0021214	-0.0041008	0.0184	-0.0002	0.0046
6085	SLD 9	-0.0000929	-0.0021137	-0.0040788	0.0182	0	-0.0041
6114	SLD 5	-0.0002158	-0.0021024	-0.0040337	0.018	-0.0002	0.0045
6084	SLD 9	-0.0000945	-0.0020649	-0.0040791	0.0177	0	-0.0074
6089	SLD 5	-0.0002028	-0.0020629	-0.0040994	0.0185	-0.0002	0.007
6111	SLD 5	-0.0002195	-0.0020537	-0.0040409	0.0183	-0.0003	-0.0051
6115	SLD 5	-0.0002144	-0.0020472	-0.0040317	0.0175	-0.0002	0.0079
6044	SLD 9	-0.0000913	-0.0020087	-0.0040786	0.0184	0	-0.0007
6110	SLD 5	-0.0002205	-0.0020063	-0.0040436	0.0179	-0.0003	-0.0077
6051	SLD 9	-0.0000901	-0.0020047	-0.0040788	0.0185	0	0.0022
6049	SLD 5	-0.000202	-0.0019951	-0.0041007	0.0183	-0.0002	0.0045
6083	SLD 9	-0.0000962	-0.0019887	-0.0040796	0.017	-0.0001	-0.0106
6038	SLD 9	-0.0000927	-0.0019879	-0.0040786	0.0181	0	-0.0038
6090	SLD 5	-0.0002024	-0.0019864	-0.0040979	0.018	-0.0002	0.0089

Spostamenti nodali con componente Uy massima

Vengono mostrati i soli 20 nodi più sollecitati.

Nodo Ind.	Cont. N.br.	Spostamento			Rotazione		
		ux	uy	uz	rx	ry	rz
5148	SLD 7	-0.003578	0.0219364	-0.0086727	-0.0237	0.0362	-0.0037
5149	SLD 7	-0.0035148	0.0219364	-0.0084493	-0.0229	0.0358	-0.0037
6361	SLD 11	-0.000257	0.0009146	-0.0026648	-0.0009	-0.0029	0.0004
5968	SLD 11	-0.0002346	0.0009079	-0.0026644	-0.0008	-0.0029	0.0004
6362	SLD 11	-0.0002493	0.0009058	-0.002664	-0.0008	-0.0029	-0.0024
5672	SLD 11	-0.0002135	0.0009002	-0.002664	-0.0012	-0.0027	0.0003
5884	SLD 11	-0.0002277	0.0009	-0.0026396	-0.0008	-0.0027	-0.0022
6360	SLD 11	-0.0002639	0.0008989	-0.0026903	-0.0008	-0.0031	0.0033
5975	SLD 11	-0.0002408	0.0008931	-0.00269	-0.0007	-0.0029	0.0031
5662	SLD 11	-0.0002075	0.0008926	-0.0026392	-0.0012	-0.0028	-0.0021
6399	SLD 7	-0.0000593	0.0008911	-0.00263	-0.001	0.0026	0.0011
6400	SLD 7	-0.000053	0.0008888	-0.0026533	-0.001	0.0028	-0.0018
5364	SLD 11	-0.0001933	0.0008878	-0.0026637	-0.002	-0.0028	0.0002
5675	SLD 11	-0.0002188	0.0008865	-0.0026897	-0.001	-0.0029	0.0029
5969	SLD 7	-0.0000796	0.0008835	-0.0026297	-0.001	0.0027	0.001
5976	SLD 7	-0.000074	0.0008806	-0.0026531	-0.0009	0.0026	-0.0017
5362	SLD 11	-0.0001885	0.0008801	-0.0026388	-0.0021	-0.0026	-0.002
5360	SLD 11	-0.0001978	0.0008758	-0.0026893	-0.0017	-0.0028	0.0026
5673	SLD 7	-0.0000986	0.0008749	-0.0026293	-0.0013	0.0025	0.001
6363	SLD 11	-0.0002406	0.0008743	-0.0026162	-0.0005	-0.0026	-0.0042

Spostamenti nodali con componente Uz minima

Vengono mostrati i soli 20 nodi più sollecitati.

Nodo Ind.	Cont. N.br.	Spostamento			Rotazione		
		ux	uy	uz	rx	ry	rz
5148	SLD 3	-0.0043733	0.0065787	-0.0098513	-0.0109	0.0453	-0.0011
5149	SLD 3	-0.0043548	0.0065787	-0.0096533	-0.0102	0.0454	-0.0011
18	SLD 5	-0.0001583	0.000344	-0.0044163	0.0247	0	0.0007
17	SLD 5	-0.0001571	0.0003375	-0.0044156	0.0246	0.0002	0.0007
19	SLD 5	-0.0001595	0.0003508	-0.0044146	0.0247	-0.0004	0.0008
16	SLD 5	-0.0001559	0.0003313	-0.0044122	0.0242	0.0005	0.0006
20	SLD 5	-0.0001607	0.0003579	-0.0044105	0.0245	-0.0006	0.0008
15	SLD 5	-0.0001547	0.0003254	-0.0044062	0.0236	0.0009	0.0006
21	SLD 5	-0.0001621	0.0003651	-0.0044043	0.024	-0.0008	0.0008
14	SLD 5	-0.0001533	0.0003199	-0.0043977	0.0228	0.0011	0.0006
22	SLD 5	-0.0001635	0.0003723	-0.0043965	0.0235	-0.001	0.0008
46	SLD 9	-0.0001231	0.0003594	-0.0043881	0.0245	-0.0001	-0.0008
23	SLD 5	-0.0001651	0.0003794	-0.0043876	0.0229	-0.0011	0.0008
45	SLD 9	-0.0001212	0.0003667	-0.0043872	0.0245	0.0002	-0.0008
13	SLD 5	-0.0001519	0.0003147	-0.0043869	0.0218	0.0014	0.0005
47	SLD 9	-0.0001249	0.0003522	-0.0043866	0.0243	-0.0003	-0.0008
44	SLD 9	-0.0001192	0.0003741	-0.0043842	0.0243	0.0005	-0.0008
48	SLD 9	-0.0001267	0.0003451	-0.0043827	0.0239	-0.0006	-0.0007
43	SLD 9	-0.0001171	0.0003815	-0.0043792	0.0239	0.0007	-0.0008
24	SLD 5	-0.0001668	0.0003861	-0.0043785	0.0222	-0.0011	0.0007

Spostamenti nodali con componente Uz massima

Vengono mostrati i soli 20 nodi più sollecitati.

Nodo Ind.	Cont. N.br.	Spostamento			Rotazione		
		ux	uy	uz	rx	ry	rz
3902	SLD 1	0.0002712	-0.0000867	0.0001813	0.0126	-0.2529	0.0043
3875	SLD 1	0.0002921	-0.0000867	0.0000985	0.0126	-0.2529	0.0042
3847	SLD 1	0.0003038	-0.0000866	0.0000287	0.0128	-0.253	0.0043
6757	SLD 1	0	0	0	0	0	0
6756	SLD 1	0	0	0	0	0	0
1	SLD 1	0	0	0	0	0	0
6754	SLD 1	0	0	0	0	0	0
6753	SLD 1	0	0	0	0	0	0
6755	SLD 1	0	0	0	0	0	0
3813	SLD 3	0.0002989	0.0001063	-0.0000343	0.0096	-0.2534	-0.0004
3901	SLD 5	0.0004053	-0.0003545	-0.0008607	0.0154	-0.2204	0.0096
3893	SLD 5	0.0004259	-0.0003523	-0.000895	0.0154	-0.2204	0.0101
3834	SLD 7	0.0004695	0.0003543	-0.0010204	0.0046	-0.2219	-0.0072
3822	SLD 7	0.0004627	0.0003571	-0.0010246	0.0047	-0.2218	-0.0064
4120	SLD 9	-0.0000614	-0.0001956	-0.0013329	0.0036	-0.0005	-0.0003
4121	SLD 9	-0.000063	-0.0001979	-0.0013357	0.0037	0.0011	-0.0003
4119	SLD 5	-0.0001802	-0.000191	-0.0013402	0.0036	-0.0016	-0.0002
4122	SLD 9	-0.0000643	-0.0002	-0.0013506	0.0037	0.0022	-0.0003
4118	SLD 5	-0.0001788	-0.0001889	-0.0013593	0.0037	-0.0026	-0.0002
4132	SLD 5	-0.0001892	-0.0002039	-0.0013631	0.0078	-0.0001	-0.0001

1.5 Sollecitazioni estreme platee e solette

Shell: elemento guscio a cui si riferiscono le sollecitazioni.

Ind: indice del guscio.

Cont.: contesto a cui si riferiscono le sollecitazioni.

N.br.: nome breve della condizione o combinazione di carico.

Nodo: nodo su cui si basa il guscio a cui si riferisce la sollecitazione.

Ind: indice del nodo.

Sollecitazione: valori della sollecitazione.

Mxx: componente Mxx della sollecitazione del guscio nel nodo indicato. [kN*m/m]

Mxy: componente Mxy della sollecitazione del guscio nel nodo indicato. [kN*m/m]

Myy: componente Myy della sollecitazione del guscio nel nodo indicato. [kN*m/m]

Fxx: componente Fxx della sollecitazione del guscio nel nodo indicato. [kN/m]

Fxy: componente Fxy della sollecitazione del guscio nel nodo indicato. [kN/m]

Fyy: componente Fyy della sollecitazione del guscio nel nodo indicato. [kN/m]

Vx: componente Vo della sollecitazione del guscio nel nodo indicato. [kN/m]

Vy: componente Vz della sollecitazione del guscio nel nodo indicato. [kN/m]

Sollecitazioni con momento Mxx minimo

Vengono mostrati i soli 200 gusci più sollecitati.

Shell Ind	Cont. N.br.	Nodo Ind	Sollecitazione								
			Mxx	Mxy	Myy	Fxx	Fxy	Fyy	Vx	Vy	
3675	SLV 13	952	-246.78	-91.25	-101.5	-276	-186	-503	-579	-374	
5859	SLV 13	1934	-208.79	7.43	-21.02	186	4	-15	39	-5	
5858	SLV 13	1934	-208.51	4.14	-19.28	185	3	-26	39	-4	
5857	SLV 13	1873	-208.16	1.74	-19.26	185	2	-38	38	-3	
5860	SLV 13	1995	-207.63	11.07	-20.65	186	4	-5	39	-5	
5856	SLV 13	1812	-206.39	-2.02	-19.11	185	2	-50	36	-2	
5861	SLV 13	2057	-205.08	14.71	-20.15	185	5	5	39	-6	
5855	SLV 13	1751	-203.2	-5.91	-18.87	184	2	-62	34	-1	
5862	SLV 13	2118	-201.11	18.38	-19.52	184	7	15	38	-7	
5854	SLV 15	1690	-198.65	-10.72	-19.62	183	21	-53	32	4	
5863	SLV 13	2179	-195.72	22.1	-18.78	182	8	23	37	-8	
5853	SLV 15	1629	-192.94	-14.95	-19.17	181	21	-65	29	5	
5864	SLV 13	2240	-188.91	25.88	-17.93	179	9	31	35	-9	
5821	SLV 13	1877	-188.32	2.51	-22.22	185	10	-32	46	2	
5822	SLV 13	1938	-188.26	4.55	-21.98	186	10	-23	47	0	
5823	SLV 13	1938	-188.22	4.85	-21.46	186	11	-17	47	-1	
5820	SLV 13	1816	-187.2	-0.2	-22.39	184	10	-41	45	3	
5824	SLV 13	1999	-187.13	9.17	-21.26	186	12	-9	47	-2	
5852	SLV 15	1568	-185.97	-19.4	-18.62	179	22	-77	26	6	
5819	SLV 13	1755	-184.93	-3.04	-22.51	183	11	-51	43	4	
5825	SLV 13	2061	-184.65	11.74	-20.98	185	12	0	46	-3	
5818	SLV 13	1694	-181.53	-6.07	-22.58	181	12	-61	41	5	
5826	SLV 13	2122	-181.05	14.35	-20.63	184	13	7	45	-5	
5865	SLV 13	2301	-180.7	29.73	-16.96	176	10	39	33	-9	
5851	SLV 15	1507	-177.83	-24.09	-18.01	176	22	-90	22	7	
5817	SLV 13	1633	-177.03	-9.34	-22.61	179	12	-71	38	6	
5827	SLV 13	2183	-176.28	17.02	-20.21	182	14	15	44	-6	
5816	SLV 13	1572	-171.48	-12.89	-22.6	177	14	-81	35	7	
5866	SLV 13	2362	-171.13	33.64	-15.88	172	10	46	30	-10	
5828	SLV 13	2244	-170.35	19.76	-19.7	180	14	21	42	-7	
5850	SLV 15	1446	-168.68	-29.05	-17.32	173	23	-102	18	8	
5815	SLV 13	1511	-164.96	-16.79	-22.54	174	15	-90	32	8	
5786	SLV 13	1879	-164.88	3.97	-22.12	185	18	-24	49	-1	
5785	SLV 13	1879	-164.88	3.02	-22.08	184	19	-29	49	0	
5787	SLV 13	1940	-164.57	4.96	-21.82	185	18	-17	50	-2	
5784	SLV 13	1818	-164.26	1.19	-22.37	183	19	-36	48	0	
5788	SLV 13	2001	-163.57	5.34	-21.52	185	18	-10	50	-3	
5829	SLV 13	2305	-163.27	22.59	-19.11	176	15	27	40	-8	
5783	SLV 13	1757	-162.71	-0.8	-22.68	182	20	-44	47	1	
5789	SLV 13	2063	-161.25	9.16	-21.25	185	17	-4	49	-3	
5782	SLV 13	1696	-160.26	-2.99	-23.03	180	21	-51	45	2	
5867	SLV 13	2423	-160.23	37.58	-14.7	167	11	51	26	-11	
5849	SLV 15	1385	-158.74	-34.25	-16.58	170	23	-115	14	8	
5790	SLV 13	2124	-158.03	10.89	-20.94	183	17	2	48	-4	
5814	SLV 15	1450	-157.62	-21.75	-21.97	172	37	-82	29	8	
5781	SLV 13	1635	-156.9	-5.44	-23.43	178	22	-58	43	2	
5830	SLV 13	2366	-155.05	25.51	-18.42	172	15	32	37	-10	
5791	SLV 13	2185	-153.9	12.67	-20.61	181	17	8	47	-5	
3861	SLV 3	896	-153.78	64.79	-84.9	-128	124	-429	377	-281	
5780	SLV 13	1574	-152.68	-8.21	-23.87	175	23	-65	40	3	
5813	SLV 15	1389	-149.55	-26.43	-21.77	170	36	-89	26	8	
5792	SLV 13	2246	-148.85	14.55	-20.25	179	17	12	45	-6	
5848	SLV 15	1324	-148.3	-39.69	-15.8	167	22	-126	10	8	
5868	SLV 13	2484	-148.08	41.52	-13.43	161	11	56	23	-12	
5779	SLV 13	1513	-147.62	-11.37	-24.36	173	24	-71	38	3	
5831	SLV 13	2427	-145.75	28.51	-17.62	167	15	36	34	-11	
5793	SLV 13	2307	-142.88	16.52	-19.83	175	16	16	42	-7	
5778	SLV 13	1452	-141.75	-14.98	-24.87	171	24	-76	35	4	
5812	SLV 15	1328	-140.89	-31.54	-21.48	168	33	-96	23	9	
5749	SLV 13	1881	-140.28	3.19	-21.35	183	24	-25	49	-1	
5750	SLV 13	1881	-140.27	3.78	-21.24	183	23	-22	49	-1	
5748	SLV 13	1820	-140.03	2.05	-21.8	182	25	-30	48	0	
5751	SLV 13	1942	-139.79	4.62	-20.87	184	23	-16	49	-2	
5747	SLV 13	1759	-139.05	0.75	-22.35	180	26	-36	47	0	
5752	SLV 13	2003	-138.58	5.03	-20.57	184	22	-11	49	-2	
5847	SLV 15	1263	-137.8	-45.25	-14.99	164	19	-136	7	9	
5746	SLV 13	1698	-137.35	-0.75	-23.01	179	27	-40	46	1	
5753	SLV 13	2065	-136.64	5.32	-20.33	183	21	-7	49	-3	
5794	SLV 13	2368	-135.98	18.61	-19.35	170	15	20	40	-7	
5832	SLV 13	2488	-135.41	31.57	-16.69	160	14	39	30	-12	
5777	SLV 13	1391	-135.1	-19.1	-25.38	169	22	-80	32	5	

Shell	Cont.	Nodo	Sollecitazione								
			Ind	Mxx	Mxy	Myy	Fxx	Fxy	Fyy	Vx	Vy
5745	SLV 13	1637	-134.92	-2.52	-23.8	177	28	-45	44	1	
5843	SLV 15	958	-134.88	-70.14	11.43	251	-56	-186	93	28	
5869	SLV 13	2545	-134.78	45.37	-12.06	153	11	59	19	-12	
5754	SLV 13	2126	-133.97	5.62	-20.13	182	21	-2	48	-3	
5842	SLV 15	958	-133.95	-88.08	20.2	297	-112	-380	107	-169	
5811	SLV 15	1267	-131.82	-37.09	-21.04	168	28	-101	21	10	
5744	SLV 13	1576	-131.76	-4.61	-24.72	174	28	-49	42	1	
5755	SLV 13	2187	-130.74	9.02	-19.98	180	20	2	46	-4	
5795	SLV 13	2429	-128.19	20.82	-18.76	165	14	22	37	-8	
5846	SLV 15	1202	-127.97	-50.87	-14.08	163	14	-143	5	9	
5743	SLV 13	1515	-127.86	-7.08	-25.76	173	28	-52	40	2	
5776	SLV 13	1330	-127.7	-23.75	-25.82	169	19	-84	29	6	
5756	SLV 13	2248	-126.53	10.2	-19.83	177	19	5	44	-4	
5833	SLV 13	2549	-124.11	34.66	-15.61	152	13	40	26	-13	
5742	SLV 13	1454	-123.18	-9.99	-26.9	171	27	-55	37	3	
5810	SLV 15	1206	-122.62	-43.05	-20.32	171	18	-104	20	12	
5757	SLV 13	2309	-121.56	11.49	-19.67	173	18	8	42	-5	
5870	SLV 13	2606	-120.5	49.02	-10.63	143	11	61	-5	-12	
5775	SLV 13	1269	-119.53	-28.94	-26.06	171	13	-86	27	8	
5796	SLV 13	2490	-119.53	23.13	-18.05	157	12	23	33	-9	
5845	SLV 15	1141	-119.2	-56.15	-12.87	166	3	-148	6	9	
5741	SLV 13	1393	-117.68	-13.37	-28.07	171	25	-57	35	3	
5712	SLV 13	1822	-116.1	2.55	-20.46	180	28	-25	46	-1	
5713	SLV 13	1822	-116.1	2.92	-20.4	180	28	-22	46	-1	
5714	SLV 13	1883	-116.08	3.46	-19.81	181	27	-19	47	-1	
5758	SLV 13	2370	-115.86	12.9	-19.42	168	16	10	40	-6	
5711	SLV 13	1761	-115.55	1.8	-21.22	179	30	-28	45	-1	
5715	SLV 13	1944	-115.52	3.91	-19.36	182	26	-16	47	-1	
5710	SLV 13	1700	-114.44	0.86	-22.16	177	30	-31	44	-1	
5844	SLV 15	1080	-114.43	-61.75	-10.51	183	-14	-159	17	8	
5716	SLV 13	2005	-114.4	4.29	-19.05	182	24	-12	46	-1	
5809	SLV 15	1145	-113.4	-49.24	-19.02	180	5	-111	22	14	
5709	SLV 13	1639	-112.73	-0.32	-23.31	175	31	-34	43	-1	
5717	SLV 13	2067	-112.73	4.62	-18.86	181	24	-9	46	-1	
5834	SLV 13	2610	-111.98	37.69	-14.37	141	11	40	22	-14	
5740	SLV 13	1332	-111.27	-17.22	-29.18	172	21	-58	33	5	
5774	SLV 13	1208	-110.57	-34.59	-25.94	179	5	-89	27	11	
5718	SLV 13	2128	-110.5	4.9	-18.75	180	23	-6	45	-1	
5708	SLV 13	1578	-110.41	-1.81	-24.67	174	31	-36	41	0	
5797	SLV 13	2551	-110.05	25.53	-17.17	148	10	24	30	-11	
5759	SLV 13	2431	-109.44	14.44	-19.12	162	14	11	37	-7	
5719	SLV 13	2189	-107.72	5.18	-18.72	177	22	-3	44	-3	
5707	SLV 13	1517	-107.43	-3.63	-26.22	173	31	-37	39	0	
5871	SLV 13	2667	-105.48	52.31	-9.15	131	10	61	-4	-12	
5808	SLV 13	1084	-105.11	-56.25	-17.25	203	-24	-143	24	23	
5720	SLV 13	2250	-104.36	5.47	-18.74	174	20	-1	42	-3	
5739	SLV 13	1271	-103.79	-21.49	-30.04	177	14	-59	31	7	
5706	SLV 13	1456	-103.71	-5.83	-27.92	172	29	-38	37	0	
5760	SLV 13	2492	-102.3	16.11	-18.71	154	11	11	34	-8	
5773	SLV 13	1147	-100.59	-40.58	-24.89	191	-4	-94	28	15	
5721	SLV 13	2311	-100.42	5.81	-18.8	170	19	0	40	-4	
5798	SLV 13	2612	-99.79	27.95	-16.05	137	6	24	27	-12	
5705	SLV 13	1395	-99.3	-8.41	-29.69	173	26	-38	35	2	
5835	SLV 13	2671	-99.17	40.56	-12.93	129	8	40	19	-16	
5807	SLV 13	1023	-97.92	-65.43	-10.66	232	-14	-180	35	12	
5806	SLV 13	962	-97.25	-75.08	-13.91	224	-49	-166	119	-70	
5722	SLV 13	2372	-95.87	8.25	-18.82	165	17	2	38	-4	
5738	SLV 13	1210	-95.01	-26.01	-30.31	186	6	-60	30	11	
5761	SLV 13	2553	-94.43	17.89	-18.1	144	8	11	31	-9	
5704	SLV 13	1334	-93.68	-11.32	-31.36	177	21	-38	33	3	
5676	SLV 13	1824	-93.63	2.79	-18.75	179	30	-20	42	-2	
5677	SLV 13	1824	-93.62	2.94	-18.69	179	29	-18	42	-2	
5675	SLV 13	1763	-93.58	2.47	-19.7	178	31	-21	41	-2	
5678	SLV 13	1885	-93.44	3.08	-17.97	179	28	-17	42	-1	
5674	SLV 13	1702	-92.85	1.99	-20.9	176	32	-23	40	-2	
5679	SLV 13	1946	-92.84	3.15	-17.47	180	27	-15	42	-1	
5680	SLV 13	2007	-91.85	3.2	-17.15	180	26	-13	42	-1	
5673	SLV 13	1641	-91.65	1.29	-22.37	175	32	-24	39	-2	
5723	SLV 13	2433	-90.74	9.24	-18.8	158	14	2	36	-5	
5681	SLV 13	2069	-90.45	3.26	-17	179	25	-11	41	-1	
5872	SLV 13	2728	-90.07	54.98	-7.7	117	8	59	-3	-11	
5672	SLV 13	1580	-89.97	0.34	-24.11	174	32	-24	38	-2	
5772	SLV 13	1086	-89.59	-47.01	-22.33	215	-19	-99	33	20	
5799	SLV 13	2673	-88.81	30.32	-14.62	124	2	21	23	-13	
5682	SLV 13	2130	-88.65	3.35	-16.98	177	24	-9	41	0	
5671	SLV 13	1519	-87.73	-0.88	-26.1	174	31	-24	36	-2	
5703	SLV 13	1273	-86.9	-14.45	-32.66	183	2	-37	31	6	
5683	SLV 15	2191	-86.45	2.39	-16.84	172	35	7	39	0	
5836	SLV 13	2732	-85.88	43.09	-11.24	113	4	35	16	-17	
5762	SLV 13	2614	-85.83	19.71	-17.19	132	4	9	28	-11	
5724	SLV 13	2494	-84.98	10.35	-18.66	149	11	2	33	-6	
5670	SLV 13	1458	-84.82	-2.4	-28.27	174	29	-23	34	-1	
5737	SLV 13	1149	-84.46	-30.47	-29.5	202	-12	-59	30	17	
5684	SLV 15	2252	-83.88	2.53	-16.98	168	33	8	38	0	
5669	SLV 13	1397	-81.11	-4.18	-30.5	177	25	-22	33	0	
5685	SLV 15	2313	-80.89	2.76	-17.18	163	30	9	36	0	
3880	SLO 1	1994	-79.93	-6.8	-9.16	86	0	-20	0	-4	
3879	SLO 1	1933	-79.88	-4.98	-9.32	86	0	-29	1	-3	
3878	SLO 3	1933	-79.76	-3.18	-8.14	85	-9	-31	1	-1	
3914	SLO 3	1937	-79.56	-3.65	-10.25	82	-17	-29	-7	0	
3915	SLO 3	1937	-79.53	-3.89	-10.12	83	-16	-22	-7	-1	
3877	SLO 3	1876	-79.26	-2.35	-10.41	85	-15	-35	2	1	
3913	SLO 3	1876	-79.26	-2.58	-10.41	82	-19	-37	-6	1	
3881	SLO 1	2056	-79.22	-8.6	-8.94	85	1	-11	0	-5	
3916	SLO 1	1998	-79.21	-6.14	-9.9	83	-4	-20	-8	-1	
5702	SLV 13	1212	-78.65	-17.56	-33.16	196	-6	-36	29	11	
5725	SLV 13	2555	-78.56	11.56	-18.3	139	6	1	30	-7	
3912	SLO 3	1815	-78.38	-1.19	-10.55	81	-21	-45	-5	1	
3876	SLO 3	1815	-78.38	-0.69	-10.55	84	-16	-43	4	2	

Shell	Cont.	Nodo	Sollecitazione										
			Ind	N.br.	Ind	Mxx	Mxy	Myy	Fxx	Fxy	Fyy	Vx	Vy
3917	SLO 1	2060				-78.32	-7.38	-9.72	82	-3	-13	-8	-1
3882	SLO 1	2117				-77.75	-10.41	-8.65	85	1	-3	0	-5
5686	SLV 15	2374				-77.46	3.11	-17.48	156	27	10	34	0
5800	SLV 13	2734				-77.17	32.44	-12.74	107	-3	16	21	-15
3911	SLO 3	1754				-76.92	0.32	-10.67	81	-22	-54	-4	2
3875	SLO 3	1754				-76.92	1.07	-10.67	84	-18	-51	5	2
3918	SLO 1	2121				-76.82	-8.63	-9.51	82	-2	-6	-8	-2
5763	SLV 13	2675				-76.47	21.49	-15.86	118	-2	7	25	-13
5668	SLV 13	1336				-76.45	-6.15	-32.56	182	5	-21	31	2
3950	SLO 3	1878				-75.58	-3.46	-11.25	79	-22	-25	-12	-1
3949	SLO 3	1878				-75.57	-2.98	-11.22	78	-23	-30	-12	0
3951	SLO 3	1939				-75.53	-3.99	-11	79	-20	-19	-13	-1
3883	SLO 1	2178				-75.53	-12.24	-8.29	84	2	5	0	-6
3948	SLO 3	1817				-75.15	-2.03	-11.49	78	-25	-37	-11	0
3952	SLO 1	2000				-75	-4.6	-10.86	79	-10	-17	-13	-1
5771	SLV 13	1025				-74.94	-52.44	-18.7	223	-26	-87	44	22
3910	SLO 3	1693				-74.89	1.98	-10.77	80	-24	-62	-2	2
3874	SLO 3	1693				-74.89	2.97	-10.77	83	-20	-60	7	3
5873	SLV 13	2789				-74.81	56.68	-6.29	99	6	54	-3	-10
3919	SLO 1	2182				-74.71	-9.91	-9.27	81	-1	0	-7	-2
3947	SLO 3	1756				-74.27	-0.95	-11.8	77	-27	-43	-10	0
3953	SLO 1	2062				-74	-6.26	-10.66	79	-8	-11	-13	-2
5687	SLV 15	2435				-73.58	3.58	-17.75	147	24	11	32	-3
5640	SLV 13	1826				-73.5	2.83	-16.84	177	30	-15	37	-2
5641	SLV 13	1826				-73.5	2.82	-16.79	177	29	-15	37	-2
5639	SLV 13	1765				-73.41	2.81	-17.95	176	31	-16	36	-3
5642	SLV 13	1887				-73.04	2.66	-15.97	178	28	-14	37	-1
5638	SLV 13	1704				-73.03	2.54	-19.37	175	32	-16	36	-3
3946	SLO 3	1695				-72.94	0.29	-12.15	76	-29	-50	-9	0
3884	SLO 1	2239				-72.56	-14.11	-7.87	82	2	12	1	-6

Sollecitazioni con momento Mxx massimo

Vengono mostrati i soli 200 gusci più sollecitati.

Shell	Cont.	Nodo	Sollecitazione										
			Ind	N.br.	Ind	Mxx	Mxy	Myy	Fxx	Fxy	Fyy	Vx	Vy
5842	SLV 3	952				156.07	7.13	-12.12	-569	73	-251	-303	-39
4841	SLU 7	1442				134.28	7.37	12.47	78	-19	-73	-85	-9
4842	SLU 7	1503				133.99	6.59	12.8	73	-20	-67	-82	-9
4840	SLU 7	1381				133.59	8.14	12.08	81	-16	-81	-89	-10
4843	SLU 7	1503				133.56	6.12	8.39	75	-21	-47	-81	-9
4844	SLU 7	1564				132.49	5.37	8.26	69	-23	-39	-78	-9
4839	SLU 7	1320				131.65	8.88	11.64	83	-15	-88	-93	-12
4845	SLU 7	1625				130.88	4.63	8.1	63	-25	-31	-75	-9
5843	SLV 1	958				129.9	10.51	11.19	-36	-5	-176	-179	-1
4846	SLU 7	1686				128.87	3.9	7.94	57	-26	-23	-72	-10
4838	SLU 7	1259				128.08	9.53	11.07	83	-12	-100	-98	-15
5854	SLV 1	1690				126.87	6.77	11.42	-49	-8	-57	-66	-5
5855	SLV 3	1690				126.86	5.44	10.46	-48	10	-31	-66	0
5853	SLV 1	1629				126.78	7.7	11.19	-48	-7	-68	-68	-5
5856	SLV 3	1751				126.69	4.35	10.45	-49	9	-21	-65	0
4847	SLU 7	1747				126.57	3.18	7.77	50	-27	-15	-69	-10
5852	SLV 1	1568				126.23	8.5	10.91	-46	-6	-79	-69	-5
5857	SLV 3	1812				126.07	3.17	10.41	-49	7	-12	-64	0
5851	SLV 1	1507				125.22	9.14	10.58	-44	-5	-89	-70	-4
5858	SLV 3	1873				125	2	10.33	-49	6	-3	-63	0
4848	SLU 7	1808				124.08	2.47	7.6	43	-28	-8	-67	-10
5850	SLV 1	1446				123.73	9.63	10.22	-42	-4	-98	-70	-4
5859	SLV 3	1934				123.62	0.62	10.21	-49	5	5	-61	1
4837	SLU 7	1198				122.32	9.92	10.14	82	-10	-117	-106	-21
5849	SLV 1	1385				121.77	9.94	9.83	-39	-5	-106	-71	-4
5860	SLV 3	1995				121.61	-0.71	10.06	-49	4	13	-60	1
4849	SLU 7	1869				121.45	1.77	7.45	36	-28	0	-65	-10
5848	SLV 1	1324				119.33	10.1	9.44	-35	-6	-113	-72	-4
5861	SLV 3	2057				119.18	-2.06	9.88	-48	2	20	-59	1
4850	SLU 7	1930				118.71	1.07	7.3	28	-29	7	-63	-10
5847	SLV 1	1263				116.53	10.13	9.12	-30	-9	-118	-73	-3
5862	SLV 3	2118				116.31	-3.41	9.66	-47	1	26	-57	1
4851	SLU 7	1991				115.87	0.37	7.16	21	-29	15	-61	-10
5844	SLV 1	1019				114.78	10.52	11.52	-16	-25	-137	-111	0
5846	SLV 1	1202				113.61	10.05	8.99	-24	-13	-121	-74	-2
4836	SLU 7	1137				113.15	9.73	7.61	75	-7	-145	-116	-34
5863	SLV 3	2179				112.97	-4.75	9.4	-46	0	31	-55	2
4852	SLU 7	2052				112.93	-0.34	7.02	14	-29	22	-59	-10
5845	SLV 1	1141				111.24	9.94	9.29	-15	-18	-126	-77	0
4853	SLU 7	2114				109.88	-1.04	6.89	7	-29	29	-57	-10
5864	SLV 3	2240				109.17	-6.05	9.1	-45	-1	35	-54	2
4854	SLU 7	2175				106.69	-1.75	6.75	-1	-29	35	-56	-10
5865	SLV 3	2301				104.92	-7.31	8.77	-43	-3	39	-52	2
4855	SLU 7	2236				103.33	-2.47	6.61	-8	-29	42	-54	-9
5866	SLV 3	2362				100.23	-8.5	8.41	-41	-4	40	-50	3
4856	SLU 7	2297				99.75	-3.19	6.44	-15	-28	49	-52	-9
4835	SLU 7	1076				97.07	7.89	0.14	62	0	-187	-129	-68
4857	SLU 7	2358				95.89	-3.92	6.25	-22	-27	56	-51	-8
4808	SLU 7	1562				95.44	5.46	8.32	68	-30	-42	-66	2
4807	SLU 7	1562				95.3	5.66	7.05	67	-29	-43	-66	1
4809	SLU 7	1623				95.19	5.12	8.55	62	-33	-36	-64	3
5867	SLV 3	2423				95.12	-9.6	8.01	-39	-5	43	-48	3
5819	SLV 3	1755				94.97	4.93	8.47	-49	15	-23	-56	-1
5820	SLV 3	1755				94.95	4.5	8.36	-48	14	-16	-55	0
4806	SLU 7	1501				94.92	5.82	6.86	73	-26	-50	-68	0
5821	SLV 3	1816				94.81	3.68	8.54	-49	12	-8	-55	0
5818	SLV 3	1694				94.71	5.62	8.27	-48	17	-31	-56	-2
4810	SLU 7	1684				94.46	4.68	8.71	55	-35	-29	-62	3
5822	SLV 3	1877				94.28	2.83	8.68	-49	11	-1	-54	1
5817	SLV 3	1633				94.05	6.2	8.02	-47	18	-39	-57	-2
4805	SLU 7	1440				93.68	5.79	6.59	77	-23	-57	-70	-1
4811	SLU 7	1745				93.36	4.18	8.82	49	-36	-22	-60	4
5823	SLV 3	1938				93.35	3.54	8.74	-49	9	6	-53	1

Shell	Cont.	Nodo	Sollecitazione								
			Ind	Mxx	Mxy	Myy	Fxx	Fxy	Fyy	Vx	Vy
5816	SLV 3	1572	92.98	6.65	7.72	-45	19	-47	-57	-3	
5824	SLV 3	1999	92.16	0.82	8.78	-48	7	12	-52	2	
4812	SLU 7	1806	91.97	3.64	8.9	42	-38	-15	-58	4	
4858	SLU 7	2419	91.7	-4.64	6.04	-29	-26	63	-49	-8	
5815	SLV 3	1511	91.48	6.95	7.37	-43	19	-55	-58	-3	
4804	SLU 7	1379	91.34	5.5	6.19	80	-20	-65	-73	-3	
3877	SLV X	1872	90.46	-0.59	8.63	-45	3	59	27	0	
3878	SLV X	1872	90.44	0.19	8.54	-45	3	59	27	0	
5825	SLV 3	2061	90.36	-0.17	8.75	-48	6	18	-51	2	
4813	SLU 7	1867	90.35	3.07	8.94	35	-39	-9	-56	4	
3876	SLV X	1811	90.25	-2.15	8.58	-45	3	59	27	-1	
3879	SLV X	1933	90	1.84	8.45	-45	3	59	27	1	
5868	SLV 3	2484	89.63	-10.59	7.59	-37	-7	43	-45	3	
5814	SLV 1	1450	89.62	7.76	6.54	-40	-3	-80	-59	-3	
3875	SLV X	1750	89.42	-3.71	8.47	-44	3	58	27	-1	
3880	SLV X	1994	88.9	3.39	8.3	-45	3	58	26	1	
4814	SLU 7	1928	88.56	2.48	8.95	28	-39	-2	-54	5	
5826	SLV 3	2122	88.22	-1.17	8.67	-47	4	23	-49	3	
3874	SLV X	1689	87.96	-5.27	8.31	-44	3	58	26	-2	
4803	SLU 7	1318	87.53	4.82	5.58	82	-15	-74	-75	-6	
5813	SLU 1	1389	87.33	7.69	6.14	-37	-4	-88	-60	-3	
3881	SLV X	2056	87.16	4.93	8.1	-44	3	57	26	2	
4859	SLU 7	2480	87.12	-5.35	5.8	-36	-26	70	-47	-7	
4815	SLU 7	1989	86.61	1.89	8.93	-40	5	5	-53	5	
3873	SLV X	1628	85.91	-6.84	8.11	-42	4	57	25	-2	
5827	SLV 3	2183	85.7	-2.15	8.53	-46	2	27	-48	3	
3882	SLV X	2117	84.78	6.46	7.85	-43	4	56	25	2	
5812	SLV 1	1328	84.58	7.48	5.77	-32	-6	-95	-60	-4	
4816	SLU 7	2050	84.51	1.3	8.89	14	-40	11	-51	5	
5869	SLV 3	2545	83.78	-11.43	7.15	-35	-9	43	-43	4	
3872	SLV X	1567	83.28	-8.4	7.86	-41	4	55	24	-2	
5828	SLV 3	2244	82.79	-3.11	8.34	-44	0	31	-46	3	
4817	SLU 7	2112	82.26	0.73	8.83	7	-40	18	-50	5	
4860	SLU 7	2541	82.08	-6.03	5.54	-43	-24	78	-45	-6	
3883	SLV X	2178	81.76	7.97	7.54	-42	4	54	24	3	
4802	SLU 7	1257	81.7	3.51	4.56	82	-11	-84	-78	-10	
5811	SLV 1	1267	81.38	7.18	5.5	-26	-8	-102	-61	-4	
3871	SLV X	1506	80.13	-9.95	7.57	-39	5	54	23	-3	
4818	SLU 7	2173	79.86	0.17	8.73	0	-40	25	-48	5	
5829	SLV 3	2305	79.49	-4.03	8.09	-43	-2	34	-45	4	
3884	SLV X	2239	78.11	9.45	7.18	-40	4	52	22	3	
5810	SLV 1	1206	77.73	6.9	5.47	-17	-11	-110	-62	-4	
5870	SLV 3	2606	77.65	-12.07	6.69	-32	-11	41	-22	4	
4819	SLU 7	2234	77.26	-0.37	8.62	-7	-39	31	-47	6	
3913	SLV X	1876	76.73	-0.54	8.75	-44	5	52	27	0	
3914	SLV X	1876	76.72	0.01	8.72	-44	5	52	27	0	
3912	SLV X	1815	76.56	-1.62	8.76	-43	5	52	27	-1	
4861	SLU 7	2602	76.53	-6.64	5.3	-50	-23	86	-43	-5	
3870	SLV X	1445	76.5	-11.48	7.25	-37	5	53	22	-3	
3915	SLV X	1937	76.39	-0.6	8.67	-44	5	52	27	1	
3911	SLV X	1754	75.87	-2.72	8.72	-43	5	51	27	-1	
5830	SLV 3	2366	75.82	-4.9	7.79	-41	-4	36	-43	4	
3916	SLV X	1998	75.5	2.24	8.61	-43	5	51	26	1	
3910	SLV X	1693	74.67	-3.83	8.64	-42	6	51	26	-2	
4820	SLU 7	2295	74.46	-0.87	8.47	-14	-38	38	-45	6	
3917	SLV X	2060	74.09	3.3	8.48	-43	5	50	26	2	
3885	SLV X	2300	73.86	10.9	6.77	-38	4	50	21	4	
5809	SLV 1	1145	73.59	6.77	5.84	-11	-10	-125	-66	-4	
4801	SLU 7	1196	73.04	1.08	2.64	78	-2	-99	-80	-17	
3909	SLV X	1632	72.98	-4.96	8.52	-41	6	50	25	-2	
3861	SLV X	896	72.84	-24.04	21.66	109	-56	127	-163	89	
3869	SLV X	1384	72.47	-13	6.91	-35	6	52	21	-3	
3918	SLV X	2121	72.16	4.35	8.31	-42	5	49	25	3	
5831	SLV 3	2427	71.79	-5.69	7.42	-39	-6	38	-41	5	
4821	SLU 7	2356	71.41	-1.35	8.29	-21	-37	45	-44	6	
5871	SLV 3	2667	71.32	-12.48	6.22	-30	-13	38	-25	5	
3908	SLV X	1571	70.83	-6.11	8.37	-39	7	49	24	-3	
4862	SLU 7	2663	70.46	-7.15	5.1	-56	-21	95	-40	-4	
3919	SLV X	2182	69.72	5.4	8.09	-41	5	48	24	3	
4872	SLU 7	1137	69.68	12.56	3.26	148	3	-137	90	-23	
4873	SLU 7	1137	69.35	12.25	-0.08	151	3	-107	87	-11	
3886	SLV X	2361	69.05	12.29	6.31	-36	4	47	19	4	
4874	SLU 7	1198	68.74	10.7	1.52	166	4	-88	76	-6	
5808	SLV 3	1084	68.65	7.23	7.09	-9	5	-128	-69	-7	
3907	SLV X	1510	68.23	-7.29	8.18	-37	8	48	23	-3	
3868	SLV X	1323	68.16	-14.48	6.54	-32	6	51	19	-3	
4822	SLU 7	2417	68.06	-1.78	8.07	-28	-36	52	-42	6	
5784	SLV 3	1818	68.03	4.14	6.75	-49	16	-11	-46	-1	
5785	SLV 3	1818	68.01	3.84	6.65	-48	15	-6	-46	-1	
5786	SLV 3	1879	67.87	3.29	6.87	-48	14	0	-45	0	
5783	SLV 3	1757	67.82	4.62	6.45	-48	17	-17	-46	-1	
5832	SLV 3	2488	67.42	-6.39	6.99	-37	-9	38	-39	5	
5787	SLV 3	1940	67.4	3.38	7.01	-48	12	6	-44	0	
5782	SLV 3	1696	67.27	5	6.08	-47	18	-23	-47	-2	
5788	SLV 3	2001	66.84	4.02	7.09	-48	10	11	-43	1	
3920	SLV X	2243	66.77	6.43	7.82	-39	5	46	22	4	
5781	SLV 3	1635	66.37	5.25	5.65	-45	19	-30	-47	-2	
4875	SLU 7	1259	66.02	9.31	1.73	174	5	-74	68	-4	
5789	SLV 3	2063	65.57	1.2	7.14	-47	9	16	-42	1	
3906	SLV X	1449	65.24	-8.5	7.95	-35	8	46	22	-4	
5780	SLV 3	1574	65.11	5.36	5.15	-43	19	-36	-47	-3	
4773	SLU 7	1682	65.04	5.18	5.57	55	-25	-26	-51	-2	
4774	SLU 7	1682	65.02	5.07	5.28	55	-26	-19	-50	-1	
5872	SLV 3	2728	64.88	-12.59	5.77	-27	-15	34	-27	5	
4772	SLU 7	1621	64.85	5.18	5.23	61	-23	-32	-52	-2	
4871	SLU 7	1076	64.85	14.22	-3.08	122	0	-180	103	-56	
4775	SLU 7	1743	64.8	4.85	5.52	49	-27	-13	-49	-1	
4823	SLU 7	2478	64.4	-2.16	7.82	-35	-34	60	-40	7	
4776	SLU 7	1804	64.26	4.53	5.7	43	-29	-7	-47	-1	

Shell Ind	Cont. N.br.	Nodo Ind	Sollecitazione								
			Mxx	Mxy	Myy	Fxx	Fxy	Fyy	Vx	Vy	
4771	SLU 7	1560	64.15	4.96	4.8	67	-21	-38	-54	-3	
5790	SLV 3	2124	64.01	0.51	7.1	-46	7	20	-41	1	
4863	SLU 7	2724	63.94	-7.51	5.02	-62	-19	105	-38	-3	
3867	SLV X	1262	63.71	-15.9	6.18	-30	7	50	18	-3	
3887	SLV X	2422	63.69	13.62	5.81	-33	5	44	17	4	
3862	SLO 13	896	63.59	30.92	-42.02	-282	-33	-342	201	-103	
5779	SLV 3	1513	63.47	5.31	4.6	-41	19	-43	-48	-3	
4777	SLU 7	1865	63.46	4.15	5.83	36	-29	-1	-46	0	
3921	SLV X	2304	63.35	7.46	7.5	-37	6	44	21	4	
3949	SLV X	1878	63.34	-0.5	8.43	-42	5	45	25	0	
3950	SLV X	1878	63.33	-0.14	8.39	-42	5	45	25	0	
3948	SLV X	1817	63.18	-1.19	8.44	-42	6	45	25	-1	
3951	SLV X	1939	63.07	-0.2	8.33	-42	5	45	25	1	
4770	SLU 7	1499	62.79	4.46	4.25	72	-18	-44	-55	-4	
5833	SLV 3	2549	62.73	-6.98	6.49	-35	-12	38	-37	6	
3947	SLV X	1756	62.61	-1.9	8.42	-41	6	45	25	-1	
4778	SLU 7	1926	62.44	3.72	5.92	29	-30	6	-45	0	
3952	SLV X	2000	62.4	-0.83	8.25	-42	5	44	25	1	
4876	SLU 7	1320	62.24	8.01	1.43	178	7	-64	61	-3	
5791	SLV 3	2185	62.17	-0.17	7.01	-45	5	24	-40	2	
5807	SLV 3	1023	62	7.36	7.81	-26	20	-176	-83	-20	
3905	SLV X	1388	61.88	-9.74	7.69	-33	9	45	21	-4	
3946	SLV X	1695	61.64	-2.64	8.37	-40	7	44	25	-1	
5778	SLV 3	1452	61.44	5.09	4.02	-37	18	-49	-48	-3	
3953	SLV X	2062	61.28	1.98	8.16	-41	5	44	24	1	
4779	SLU 7	1987	61.23	3.27	5.97	22	-30	12	-43	0	
3863	SLV X	957	61.22	-21.62	-1.79	-54	-14	53	58	-9	
4834	SLU 7	1015	60.66	1.94	-28.5	25	9	-193	-101	-130	
4769	SLU 7	1438	60.58	3.58	3.56	76	-16	-49	-57	-5	
4824	SLU 7	2539	60.36	-2.47	7.53	-41	-32	68	-39	7	
3945	SLV X	1634	60.27	-3.41	8.3	-39	7	43	24	-2	
4800	SLU 7	1135	60.07	-3.58	-1.42	71	6	-117	-80	-32	
5792	SLV 3	2246	60.01	-0.83	6.87	-44	3	27	-39	2	
4780	SLU 7	2048	59.85	2.82	5.99	16	-31	18	-42	0	
3954	SLV X	2123	59.77	2.66	8.01	-40	5	43	23	2	
3922	SLV X	2365	59.46	8.46	7.13	-35	6	42	19	5	
3866	SLV X	1201	59.42	-17.24	5.82	-28	6	49	17	-3	
5777	SLV 3	1391	58.99	4.69	3.45	-32	17	-55	-48	-3	

Sollecitazioni con momento Myy minimo

Vengono mostrati i soli 200 gusci più sollecitati.

Shell Ind	Cont. N.br.	Nodo Ind	Sollecitazione								
			Mxx	Mxy	Myy	Fxx	Fxy	Fyy	Vx	Vy	
3675	SLV 13	952	-246.78	-91.25	-101.5	-276	-186	-503	-579	-374	
6062	SLV 11	3997	-33.3	-1.03	-97.76	4	-68	76	-34	77	
6227	SLV 11	3997	-17.93	-0.4	-97.21	12	-14	54	16	60	
5904	SLV 11	3997	-30.01	4.34	-95.8	-29	-74	25	-45	-133	
6464	SLV 11	3997	-19.6	-3.78	-94.82	-17	6	23	-17	-133	
6228	SLV 7	3998	-30.91	-0.23	-93.52	4	62	84	24	81	
6015	SLV 11	3997	-29.31	3.05	-91.17	4	-75	30	-94	-3	
5953	SLV 7	3998	-17.23	4.37	-90.14	-1	11	29	-40	44	
4834	SLU 7	923	-0.65	-17.36	-89.99	-48	19	-156	-3	-136	
4798	SLU 7	923	1.24	-22.92	-89.81	-35	15	-149	-23	-112	
5954	SLV 7	3998	-25.4	-4.34	-89.05	-31	79	18	30	-123	
6476	SLV 7	3998	-18.07	3.76	-88.46	-18	-3	15	14	-125	
3861	SLU 7	896	-152.9	65.42	-87.7	-153	139	-487	377	-285	
6111	SLV 7	3998	-25.8	-4.7	-87.65	1	81	20	91	5	
5916	SLV 11	3997	-18.23	-3.15	-87.59	-3	-10	27	32	6	
5842	SLV 13	952	-84.97	-89.47	-85.52	169	-31	-483	-28	-195	
4690	SLU 1	919	-2.34	-19.95	-84.53	74	21	541	-26	-66	
4762	SLU 7	922	-0.4	-28.39	-84.25	-25	8	-83	-19	-69	
6465	SLV 11	3997	-17.83	0.77	-83	-14	-1	34	24	-85	
4654	SLU 1	919	38.34	0.11	-79.74	139	-217	546	-97	-53	
6477	SLV 7	3998	-17.02	0.24	-79.08	-17	4	25	-23	-87	
4870	SLU 7	924	-9.18	15.17	-78.4	-85	-5	-205	-21	-117	
4726	SLU 10	921	1.51	-28.27	-77.86	-9	1	-53	-20	-42	
6207	SLV 7	3976	-9.11	0.22	-75.86	-8	84	17	24	-14	
6137	SLV 11	3975	-12.42	-0.13	-75.29	-7	-80	26	-23	-12	
6018	SLV 7	3999	-3.99	2.1	-73.91	-1	13	17	-31	20	
5918	SLV 11	3972	-3.57	-5.09	-73.36	-6	-20	-5	9	57	
4906	SLU 7	925	-4.2	29.96	-72.4	-34	-12	-166	-3	-77	
5951	SLV 7	3973	1.46	2.53	-72.04	-6	20	-17	-13	52	
5908	SLV 11	4000	-11.24	7.76	-70.99	-31	-85	-4	3	-78	
6391	SLV 11	4000	-7.39	11.99	-70.36	-12	-68	10	4	-69	
3862	SLU 7	896	42.84	58.71	-68.11	-273	-35	-522	216	-161	
6255	SLV 11	3975	-10.34	-4.33	-67.72	-2	-63	7	-8	44	
6211	SLV 11	3975	-12.34	-7.12	-67.07	-14	-77	18	-5	40	
6312	SLV 7	3976	-11.19	4.78	-66.85	-3	65	-2	1	42	
6037	SLV 11	3987	-8.39	-2.45	-66.31	-22	-75	0	-9	21	
6392	SLV 7	3976	-13.64	6.56	-66.02	-12	84	13	5	39	
6136	SLV 11	3987	-6.4	4.77	-65.58	-28	-65	6	-2	-20	
6210	SLV 11	3987	2.06	-1.32	-65.46	-12	-78	-2	-23	18	
6173	SLV 11	3987	0.43	3.18	-64.94	2	-72	6	-9	-16	
6026	SLU 7	3986	-6.87	3.35	-64.49	-36	-15	14	2	-14	
6009	SLU 7	3986	-6.68	3.72	-64.26	-39	-15	16	4	-14	
6208	SLV 7	3965	-11.82	4.15	-64.15	-4	67	-30	-1	54	
6260	SLV 7	4002	-3.93	-6.34	-64.14	-20	86	7	9	-4	
5961	SLV 7	4002	-5.46	-9.5	-64.01	-31	91	-21	-6	-74	
6319	SLU 7	3989	-8.3	-3.85	-63.99	-40	34	19	-2	-16	
5980	SLU 7	3986	-7.76	3.56	-63.98	-47	-17	20	3	-16	
6047	SLU 7	3989	-8.1	-4.13	-63.66	-42	32	22	-3	-15	
5936	SLU 7	3989	-9.39	-4.07	-63.43	-50	34	26	-3	-18	
3898	SLU 1	897	-25.93	35.62	-63.36	-5	29	-192	-16	-140	
5926	SLU 7	3984	-6.98	1.82	-63.26	-32	-18	15	2	-13	
4942	SLU 7	926	-4.59	31.53	-63.21	-1	-5	-95	-6	-39	
6007	SLU 7	3990	-10.79	4.98	-63.18	-52	-14	21	9	-15	
6021	SLU 7	3986	-9.49	3.34	-63.17	-33	-17	14	1	7	
6058	SLU 7	3984	-8.11	1.73	-63.14	-42	-20	20	-1	-15	

Shell	Cont.	Nodo	Sollecitazione										
			Ind	N.br.	Ind	Mxx	Mxy	Myy	Fxx	Fxy	Fyy	Vx	Vy
5014	SLU 1	929				5.04	17.42	-62.96	130	-8	461	0	-39
6318	SLU 7	3988				-8.28	-2.23	-62.79	-35	38	18	-2	-15
6003	SLU 7	3990				-10.98	4.75	-62.76	-37	-13	13	2	7
6365	SLU 7	3991				-12.27	-5.54	-62.7	-53	29	26	-9	-16
6285	SLU 7	3990				-8.94	4.33	-62.69	-43	-11	13	4	-11
6116	SLU 7	3989				-10.52	-3.92	-62.65	-38	37	20	-1	4
6288	SLV 7	3978				-11.14	1.74	-62.6	-18	89	-8	6	25
6261	SLV 7	3978				-4.57	-0.13	-62.6	-21	79	-3	7	-14
6028	SLU 7	3984				-9.42	1.6	-62.59	-30	-20	14	1	7
6272	SLU 7	3988				-9.65	-2.17	-62.56	-44	38	25	0	-17
6025	SLU 7	3986				-6.57	2.41	-62.52	-40	-19	19	1	6
6013	SLV 7	3965				-9.04	-0.24	-62.46	9	27	-12	-1	45
6031	SLU 7	3992				-13.52	3.74	-62.44	-52	-5	23	4	10
6001	SLU 7	3990				-9	5.43	-62.35	-49	-13	21	6	8
5939	SLU 7	3991				-11.94	-5.37	-62.34	-42	30	19	-1	6
6020	SLU 7	3990				-8.91	4.09	-62.29	-45	-15	20	3	5
6073	SLU 7	3993				-14.43	-4.24	-62.27	-54	20	28	-3	10
6279	SLU 7	3994				-16.86	0.24	-62.19	-55	5	25	0	11
6282	SLU 7	3991				-10.25	-4.8	-62.15	-45	25	18	-4	-12
6022	SLU 7	3984				-6.74	0.9	-62.13	-35	-22	19	0	7
6283	SLU 7	3991				-10.3	-5.87	-62.06	-51	29	29	-5	6
6085	SLU 7	3988				-10.28	-2.11	-62.03	-34	42	20	-1	4
6268	SLU 7	3989				-8.02	-2.99	-61.93	-44	39	26	-1	3
6313	SLV 7	3976				-7.32	2.48	-61.88	-8	94	-6	14	23
6043	SLU 7	3991				-10.23	-4.71	-61.84	-48	33	27	-3	3
5929	SLU 7	3992				-13.45	4.26	-61.78	-42	-7	13	-2	9
6226	SLV 11	3957				-11.77	-5.88	-61.56	-7	-65	-12	-2	66
6075	SLU 7	3993				-14.11	-4.89	-61.52	-45	21	18	-1	8
6084	SLU 7	3988				-8.07	-1.4	-61.5	-38	43	23	0	4
6033	SLU 7	3981				-9.92	0.44	-61.43	-35	-22	19	-1	-13
6035	SLU 7	3981				-10.17	0.4	-61.28	-27	-23	14	1	8
6205	SLU 7	3981				-8.27	0.93	-61.15	-27	-22	13	2	-11
6038	SLU 7	3981				-8.14	0.12	-61.15	-30	-25	18	0	9
6024	SLU 7	3994				-15.28	1.5	-60.95	-45	1	14	-1	10
6415	SLV 7	4002				-19.01	-13.19	-60.93	-7	71	4	-45	-72
6278	SLU 7	3995				-15.52	-2.14	-60.86	-46	11	16	0	9
6284	SLU 7	3992				-16.69	4.34	-60.85	-55	-7	21	10	-9
6270	SLU 7	3985				-11.36	-0.79	-60.81	-38	41	22	0	-16
6331	SLU 7	3985				-9.45	-1.17	-60.72	-30	43	14	-2	-14
6106	SLU 7	3985				-10.89	-0.83	-60.62	-30	46	17	-1	5
5902	SLV 11	3957				-9.36	-2.46	-60.6	-2	-25	1	2	61
6147	SLU 7	3993				-17.68	-4.97	-60.55	-56	21	25	-9	-9
6289	SLV 7	3978				-4.58	-1.22	-60.45	-19	91	-7	8	19
6089	SLU 7	3985				-9.34	-0.45	-60.34	-33	47	20	-1	4
6252	SLU 7	4013				-4.82	5.03	-60.17	-52	-10	14	4	-36
5806	SLU 7	951				-31.95	-43.56	-60.13	17	-25	-214	23	-102
5050	SLU 1	929				28.38	0.07	-60.01	237	192	467	76	-35
6052	SLU 7	3979				-9.8	0.16	-59.75	-24	-30	17	1	11
6082	SLU 7	3966				-14.78	-4.2	-59.63	-27	37	24	0	25
6040	SLU 7	3979				-11.09	-0.01	-59.57	-24	-28	13	1	10
6004	SLU 7	4013				-4.4	4.55	-59.51	-56	-10	12	8	-35
6286	SLU 7	3992				-13.16	2.65	-59.45	-46	-4	11	3	-8
6069	SLU 7	3970				-13.38	-3.09	-59.38	-40	16	36	0	29
6079	SLU 7	3968				-15.59	-4.29	-59.37	-31	29	25	0	26
6086	SLU 7	3964				-14.45	-3.24	-59.35	-24	43	23	0	25
6384	SLU 7	4013				-8.49	4.87	-59.32	-66	-13	19	8	-40
6030	SLU 7	3963				-13.67	3.48	-59.3	-22	-17	16	0	28
6332	SLU 7	3971				-13.94	-0.38	-59.29	-39	4	34	2	29
6059	SLU 7	3979				-11.95	0.05	-59.29	-28	-26	17	1	-11
6076	SLU 7	3968				-11.5	-5.16	-59.25	-39	27	36	-2	27
6019	SLU 7	3967				-14.7	3.5	-59.19	-26	-12	18	1	28
6275	SLU 7	4014				-6.21	-5.44	-59.19	-55	24	16	-5	-37
6006	SLU 7	3994				-21.13	1.48	-59.16	-58	2	22	4	-5
6174	SLU 7	3969				-12.66	1.81	-59.13	-37	-6	29	3	29
6070	SLU 7	3993				-14.09	-3.23	-59.09	-47	17	15	-2	-8
6053	SLU 3	3977				-9.12	-0.14	-59.08	-20	-37	18	0	17
6067	SLU 7	3995				-21.47	-2.17	-59.06	-59	11	24	-3	-5
5962	SLU 7	3968				-11.32	-3.37	-59.03	-37	32	33	-2	25
6109	SLV 11	3987				-4.2	1.93	-59	-17	-74	4	-7	3
6081	SLU 7	3966				-9.53	-2.9	-58.96	-34	39	31	-1	24
6253	SLU 7	4010				-3.82	2.17	-58.96	-45	-13	14	2	-35
6029	SLU 7	3967				-10.12	2.65	-58.96	-33	-13	24	2	27
6068	SLU 7	3970				-16.38	-2.9	-58.92	-34	19	25	1	28
6054	SLU 3	3977				-11.59	-0.47	-58.91	-22	-32	14	1	15
6248	SLU 7	4010				-7.79	1.47	-58.87	-56	-14	20	-1	-37
6333	SLU 7	3969				-15.87	2.06	-58.85	-31	-4	20	1	29
6296	SLU 7	3961				-13.42	2.63	-58.77	-19	-20	15	0	28
6008	SLU 7	3963				-7.94	2.26	-58.75	-30	-18	21	1	27
6139	SLU 7	3979				-9.87	0.86	-58.73	-23	-27	10	4	-10
6292	SLU 7	3971				-16.53	-0.43	-58.69	-34	6	23	1	29
6017	SLU 7	3964				-8.91	-1.97	-58.69	-31	44	28	0	24
6092	SLU 7	3983				-10.88	-0.21	-58.63	-27	51	15	-3	4
6149	SLU 7	3983				-11.65	-0.22	-58.62	-27	51	13	-3	5
6258	SLU 7	3983				-13.27	-0.14	-58.53	-31	45	17	-1	-15
6091	SLU 7	3962				-14.56	-2.3	-58.46	-22	47	21	0	25
6364	SLU 7	4014				-5.79	-4.84	-58.31	-58	23	17	-8	-35
6379	SLU 7	4014				-10.01	-5.35	-58.26	-66	27	23	-9	-40
6330	SLU 7	3983				-10.9	-0.76	-58.23	-26	47	9	-4	-13
6240	SLU 3	3974				-10.92	-0.77	-58.22	-18	-38	16	4	25
6305	SLU 7	3961				-7.26	1.38	-58.19	-27	-21	20	0	28
6241	SLU 3	3974				-8.41	0.28	-58.17	-17	-34	13	3	-8
6373	SLU 3	3974				-7.65	0.61	-58.16	-13	-43	18	2	21
6093	SLU 7	3962				-9.27	-1.27	-57.98	-27	46	25	0	25
6274	SLU 7	4012				-5.07	-2.52	-57.85	-48	29	16	-2	-36
6188	SLU 3	3977				-11.19	-0.2	-57.77	-22	-32	17	0	-7
6280	SLU 7	4012				-9.07	-1.95	-57.61	-57	29	23	0	-38
4978	SLU 10	927				-2.66	28.35	-57.6	34	6	-55	-6	-20
6334	SLU 7	3959				-13.86	1.65	-57.5	-18	-22	15	0	29
6287	SLU 7	3994				-16.36	-0.65	-57.46	-48	4	12	0	-7

Shell	Cont.	Nodo	Sollecitazione										
			Ind	N.br.	Ind	Mxx	Mxy	Myy	Fxx	Fxy	Fyy	Vx	Vy
5992	SLV 7	3959				-7.75	0.65	-57.1	-24	-24	20	-1	29
6158	SLV 7	3980				-8.46	0.22	-57.08	-28	87	-9	4	14
6251	SLV 7	4007				-10.56	-1.01	-57.08	-47	-16	19	-3	-34
6142	SLV 3	3982				-10.51	-0.42	-56.96	-23	56	12	-3	6
6095	SLV 7	3960				-15.15	-1.76	-56.88	-20	52	18	-1	25
6104	SLV 3	3982				-11.06	-0.28	-56.82	-25	55	10	-2	6
6206	SLV 7	3980				-6.63	-0.69	-56.77	-30	78	-1	0	-5
6138	SLV 11	4001				-12.5	3.8	-56.71	-44	-55	8	2	-26
4691	SLV 10	1007				-7.57	-24.35	-56.63	7	-6	83	14	-29
6358	SLV 11	4001				-3.44	3.58	-56.62	-25	-59	1	1	-20
6097	SLV 7	3960				-10.26	-0.99	-56.57	-24	53	22	-1	25
6096	SLV 3	3982				-13.17	-0.32	-56.56	-27	48	13	-3	-13
6328	SLV 7	4007				-5.53	0.32	-56.51	-38	-16	12	1	-32
6002	SLV 7	4015				-16.23	7.13	-56.43	-72	-9	17	23	-31
6144	SLV 7	3980				-4.41	-0.13	-56.31	-30	77	0	0	-6
4727	SLV 10	1007				-3.48	-26.71	-56.24	45	22	75	1	-32
6339	SLV 7	3956				-14.39	1.04	-55.89	-17	-26	15	1	31
6162	SLV 7	3956				-8.51	0.41	-55.74	-21	-28	20	0	31
6042	SLV 7	4016				-17.47	-7.54	-55.72	-73	22	21	-22	-31
6267	SLV 7	4011				-11.47	0.65	-55.56	-48	32	21	2	-35
6080	SLV 7	4011				-6.5	-0.48	-55.21	-41	33	13	-1	-34
4763	SLV 10	1009				-2.47	-27.35	-55.21	31	24	-37	-14	-46
6034	SLV 7	4004				-13.48	-2.14	-55.18	-39	-19	16	-2	-31
6466	SLV 11	4020				-15.66	-0.03	-55.05	4	-8	42	6	-104
6098	SLV 7	3958				-15.51	-1.67	-55.02	-20	57	13	-2	25
6101	SLV 7	3958				-11	-1.13	-54.91	-21	57	17	-2	26
5999	SLV 7	4015				-10.57	4.75	-54.57	-60	-6	8	8	-25
6329	SLV 7	4004				-7.88	-0.56	-54.36	-32	-21	9	2	-30
6203	SLV 7	4003				-11.63	0.95	-54.21	-57	-58	9	-1	-20
6231	SLV 7	4016				-11.73	-5.04	-53.76	-61	17	12	-7	-25
6060	SLV 7	3953				-9.27	0.52	-53.66	-17	-33	20	1	33
6027	SLV 7	3953				-15	0.75	-53.6	-16	-30	15	1	33
6483	SLV 7	4023				-12.37	1.31	-53.27	3	5	45	32	-90
6266	SLV 7	4009				-14.04	2.11	-53.26	-40	36	17	1	-34
6202	SLV 7	4003				-6.64	2.42	-53.24	-42	-58	-1	3	-19
6102	SLV 3	3955				-15.35	-0.69	-53.18	-20	63	11	-1	28
6237	SLV 7	4005				-14.65	-5.03	-52.99	-36	66	2	-1	-29
5952	SLV 7	3955				-10.85	-1.43	-52.97	-17	63	10	-4	25
6154	SLV 3	3952				-16.15	-0.99	-52.85	-15	-48	18	2	42
5996	SLV 7	4017				-25.64	4.55	-52.82	-77	-2	17	13	-20
6148	SLV 7	4009				-8.59	0.74	-52.66	-34	38	9	-2	-32
6263	SLV 7	4018				-26.29	-5.02	-52.49	-78	13	19	-12	-20
6143	SLV 3	3954				-14.69	-0.09	-52.34	-19	69	6	-4	30
6257	SLV 11	4008				-11.58	-0.41	-52.25	-59	68	9	0	-21
4655	SLV 10	1005				-11.44	-19.94	-52.14	6	-107	113	28	-16
6145	SLV 7	4002				-2.34	-3.34	-52.04	-13	70	-4	-6	-36

Sollecitazioni con momento Myy massimo

Vengono mostrati i soli 200 gusci più sollecitati.

Shell	Cont.	Nodo	Sollecitazione										
			Ind	N.br.	Ind	Mxx	Mxy	Myy	Fxx	Fxy	Fyy	Vx	Vy
6361	SLV 11	3777				46.29	-1.23	244.24	26	-7	-485	69	272
5947	SLV 7	3805				55.56	-2.72	222.75	-3	-42	-613	-30	264
5948	SLV 7	3805				4.87	-23.57	213.38	-11	127	-563	-62	195
5917	SLV 11	3777				1.33	36.19	198.8	-41	-144	-334	83	82
5935	SLV 3	3791				52.55	2.23	180.64	40	30	178	4	205
5973	SLV 3	3791				13.55	-9.88	173.61	49	-35	120	-11	173
6131	SLV 3	3791				13.65	15.57	172.59	133	24	132	17	170
5931	SLV 3	3790				43.22	-2.26	167.08	30	1	56	-15	161
6224	SLV 11	3806				44.32	5.49	165.99	-49	-75	-100	95	258
6397	SLV 3	3790				16.42	-8.91	164.85	18	-28	48	-12	163
6440	SLV 11	3806				19.57	6.41	163.71	-66	-91	-77	-59	208
6396	SLV 3	3789				40.01	-1.1	162.32	26	-7	13	-9	156
5919	SLV 11	3811				3.51	5.16	162.06	-3	-14	-27	-63	-23
6403	SLV 3	3792				40.79	5.94	161.42	40	26	117	20	152
5990	SLV 3	3788				38.37	-0.06	160.7	24	-8	10	-6	159
5912	SLV 1	3779				12.34	10.57	159.88	31	-20	26	27	135
6057	SLV 3	3789				14.91	-8.17	159.73	18	-12	18	-4	161
5932	SLV 3	3787				36.93	0.39	159.72	26	-8	16	-6	162
5915	SLV 1	3779				29.96	10.3	159.14	-6	-17	42	20	136
6155	SLV 1	3779				1.54	6.16	159.1	-15	-36	28	113	163
5966	SLV 3	3792				15.01	13.08	158.9	73	63	102	12	157
5928	SLV 3	3786				19.11	-6.7	158.72	35	-7	24	-12	169
6406	SLV 3	3787				14.38	5.67	157.95	24	-6	11	1	160
5991	SLV 1	3780				15.63	9.11	157.82	30	-19	30	28	150
6302	SLV 3	3786				33.2	-7.74	157.42	27	-7	24	15	142
5989	SLV 3	3787				15.4	-5.87	156.95	31	-6	18	-31	140
5970	SLV 1	3778				34.87	11.06	155.7	21	-2	39	82	58
6184	SLV 1	3780				29.35	11.19	155.53	6	-19	44	14	138
5979	SLV 3	3784				18.26	-4.53	155.45	38	-12	35	-24	160
5971	SLV 7	3807				40.89	-8.17	155.15	-116	17	-98	-159	70
6168	SLV 3	3793				36.99	3.62	154.58	51	33	49	10	149
5924	SLV 3	3784				32.72	-6.1	154.02	28	-10	35	8	139
6349	SLV 4	3781				13.56	8.34	153.67	33	-18	31	17	148
6433	SLV 3	3785				37.01	3.83	153.53	26	-12	29	-30	143
6419	SLV 4	3781				34.34	7.52	153.08	14	-17	42	6	144
6103	SLV 7	3804				26.99	-15.77	152.08	3	76	-102	-48	97
6417	SLV 3	3794				34.95	1.18	151.94	44	35	31	5	152
5972	SLV 7	3805				-0.26	-31.58	151.93	-33	204	-192	0	-29
5934	SLV 3	3794				12.57	-1.66	151.69	42	43	14	0	157
5922	SLV 3	3782				37.09	5.15	150.82	20	-16	41	2	144
6425	SLV 3	3795				33.72	0.72	150.55	40	34	30	21	162
6307	SLV 4	3782				12.56	7.83	150.35	34	-17	31	8	148
6219	SLV 7	3807				40.29	-9.07	150.12	-69	117	-92	-130	210
6432	SLV 3	3785				8.03	-4.35	149.92	38	-8	30	-8	123
5976	SLV 3	3795				14.24	-2.58	149.62	44	36	12	-7	155
5921	SLV 3	3783				38.65	1.38	149.6	22	-14	39	-8	141
5964	SLV 3	3796				16.46	5.32	149.42	55	37	42	40	152

Shell	Cont.	Nodo	Sollecitazione									
			Ind	Mxx	Mxy	Myy	Fxx	Fxy	Fyy	Vx	Vy	
5987	SLU 3	3796		30.36	5.8	149.04	46	31	31	31	-16	153
5946	SLU 1	3803		20.56	-6.97	148.29	32	19	1	1	-55	152
6048	SLU 3	3795		11.12	8.29	147.47	56	34	46	46	11	150
5940	SLU 3	3797		15.38	5.24	146.43	53	39	41	41	19	156
6308	SLV 7	3807		12.2	-14.45	146.33	-87	133	-83	-83	-12	167
6049	SLU 3	3797		30.3	7.39	145.22	43	33	33	33	-7	136
5994	SLU 1	3802		2.75	-2.91	143.93	1	46	27	27	-14	118
6187	SLU 1	3802		34.77	-1.78	143.36	12	31	22	22	-9	137
5969	SLV 11	3811		12.49	-0.43	143	-44	-92	-172	-172	-30	134
6233	SLU 4	3800		15.79	-6.42	142.13	37	42	13	13	-26	141
6420	SLU 3	3800		31.97	-6.18	141.92	20	37	29	29	16	142
6421	SLU 4	3801		32.27	-1.31	141.78	25	31	25	25	-26	138
6441	SLV 11	3811		-0.02	4.94	141.6	-41	-68	-157	-157	-1	134
5993	SLU 4	3801		11.51	0.99	140.76	43	38	34	34	3	137
5981	SLU 3	3799		13.19	-6.72	140.35	43	42	18	18	-14	145
5982	SLU 3	3799		34.8	-5.06	140.22	26	37	34	34	2	136
6192	SLU 3	3798		37.66	-0.72	139.24	30	36	34	34	12	135
5943	SLU 4	3801		10.3	-8.03	139.06	34	42	4	4	-11	136
6239	SLV 11	3818		12.68	0.68	129.66	-55	-88	-49	-49	45	169
6431	SLV 11	3818		10.07	0.35	129.46	-38	-82	-58	-58	42	170
6435	SLV 7	3828		10.39	-0.37	125.3	-75	130	-232	-232	-1	143
6434	SLV 7	3828		2.22	-1.63	124.39	-35	95	-231	-231	34	154
6436	SLV 7	3808		18.43	1.43	123.86	-29	76	-46	-46	-18	134
6437	SLV 7	3808		12.98	-7.17	123.25	-55	94	-35	-35	-28	129
5903	SLV 11	3839		3.55	-10.32	122.29	-30	-64	-239	-239	0	130
6429	SLU 3	3810		10.2	4.51	113.17	25	-9	17	17	9	156
5945	SLV 7	3840		4.48	12.86	112.92	-38	71	-310	-310	2	113
6428	SLU 3	3810		14.75	6.25	112.29	21	-12	19	19	9	134
6367	SLU 3	3809		8.17	0.05	112.1	43	42	32	32	-2	152
6424	SLU 3	3809		8.52	-1.09	111.98	35	45	29	29	-1	144
6430	SLV 11	3823		4.16	6.54	109.37	-15	-70	-22	-22	18	121
6225	SLV 11	3823		15.99	8.26	108.58	-40	-69	-14	-14	27	111
5925	SLU 4	3814		9.51	2.38	108.43	18	-17	27	27	0	142
6371	SLU 4	3814		8.92	-1.76	108.41	21	-11	29	29	-3	140
6276	SLV 11	3836		22.74	4.27	108.07	-37	-73	-103	-103	12	134
6298	SLU 3	3817		27.38	2.65	103.51	21	-11	16	16	-11	134
6407	SLU 3	3817		7.23	5.8	102.62	25	-11	14	14	-2	137
6171	SLU 3	3824		31.54	1.58	101.36	21	-12	38	38	-5	135
6380	SLU 3	3826		32.93	1.17	101.08	18	-2	91	91	-1	137
6382	SLU 3	3820		29.42	1.59	100.99	21	-11	17	17	-7	132
6094	SLV 7	3815		7.31	-2.64	99.7	16	79	-12	-12	-6	111
6389	SLU 3	3827		32.01	0.64	99.58	21	25	117	117	4	135
5955	SLV 7	3815		5.65	-3.11	99.47	-11	82	-17	-17	-7	115
6023	SLU 3	3820		7.18	6.26	99.32	27	-20	21	21	-6	134
6386	SLU 3	3824		8.12	7.2	99.16	26	-29	48	48	-6	136
6395	SLU 3	3826		10.46	7.02	98.77	19	-5	82	82	3	135
6327	SLU 3	3816		5.16	-3.73	97.22	45	48	34	34	3	135
6402	SLU 3	3825		29.28	0.18	97.19	28	46	74	74	7	130
6394	SLU 3	3827		10.62	6.72	97.1	32	47	74	74	11	133
6416	SLU 3	3816		23.29	-2.75	96.86	32	45	33	33	0	124
6181	SLV 11	3829		3.79	7.14	95.84	1	-65	-9	-9	11	109
6356	SLV 11	3829		20.34	6.5	95.61	-21	-64	-6	-6	11	105
6405	SLU 3	3821		26.73	-0.1	95.03	30	47	42	42	8	126
6404	SLU 3	3825		7.65	7.25	93.94	47	53	47	47	8	129
6325	SLU 4	3819		4.16	-0.29	93.8	26	48	27	27	4	122
6220	SLV 7	3844		10.51	0.08	93.29	-53	113	-113	-113	-17	123
6413	SLU 4	3819		15.67	4.6	93.1	26	43	34	34	14	132
6218	SLV 7	3844		13.25	-3.05	92.1	-48	94	-98	-98	-8	117
6357	SLU 1	3832		23.38	3.66	88.36	0	-28	40	40	3	113
6418	SLU 1	3832		3.3	5.63	88.12	14	-25	34	34	3	116
6348	SLU 1	3835		24.96	2.88	85.05	5	-24	38	38	0	113
6423	SLV 11	3850		5.91	0.23	84.68	-40	-86	-121	-121	12	127
6061	SLU 1	3835		3.53	5.71	84.24	17	-21	32	32	5	110
6360	SLV 11	3850		11.64	3.11	83.73	-13	-30	-124	-124	13	113
6217	SLV 7	3831		20.08	0.14	82.96	-21	80	-14	-14	-3	92
6427	SLV 7	3831		1.11	1.11	82.74	-29	89	-19	-19	-10	101
5733	SLV 13	3145		6.43	9.04	82.57	-111	-25	-31	-31	-2	-78
5769	SLV 13	3145		3.72	9.84	82.31	-97	-25	-30	-30	2	-78
6345	SLU 1	3838		4.27	2.3	82.15	15	-16	29	29	-4	102
6346	SLU 1	3838		23.79	4.21	81.09	8	-21	33	33	2	112
6193	SLU 1	3830		2.46	-4.92	80.74	23	52	29	29	1	113
5805	SLV 13	3146		2.28	12.14	80.72	-103	-21	-37	-37	12	-87
6232	SLU 1	3830		19.13	-5.31	80.2	5	54	30	30	-3	104
5697	SLV 13	3144		6.54	6.47	79.84	-109	-25	-22	-22	-4	-69
6294	SLV 7	3843		19.9	0.67	78.96	-38	85	-30	-30	-11	100
6344	SLU 1	3841		29.02	0.66	78.24	10	-14	22	22	-8	115
6426	SLV 7	3843		-1.55	3.69	77.95	-44	98	-32	-32	-41	111
6370	SLU 1	3841		1.89	-3.94	76.72	17	-13	20	20	10	100
6135	SLU 1	3841		1.25	5.1	76.55	17	-11	17	17	-15	101
5661	SLV 13	3143		3.33	3.04	74.92	-103	-24	-13	-13	-5	-60
6234	SLU 1	3837		22.97	-2.55	73.88	9	52	32	32	5	106
6265	SLV 7	3845		17.02	-1.03	73.21	-50	91	-55	-55	-13	104
6368	SLU 1	3837		1.37	-5.12	72.96	26	50	31	31	-1	102
5841	SLV 13	3147		-1.54	13.84	70.86	-112	-12	-42	-42	33	-89
6422	SLV 11	3851		4.24	0.36	70.17	-35	-87	-52	-52	12	103
6088	SLU 1	3842		2.41	-0.87	69.86	19	44	29	29	9	93
6198	SLV 11	3851		21.43	1.12	69.75	-38	-62	-60	-60	8	105
5625	SLV 13	3142		6.46	0.95	68.8	-103	-21	-4	-4	-8	-51
6369	SLU 1	3842		21.19	-3.88	68.62	14	50	32	32	2	103
6438	SLV 7	3855		6.04	3.4	68.05	-42	100	-171	-171	-5	104
6309	SLV 7	3855		5.01	-0.66	66.81	-13	38	-165	-165	-12	95
5589	SLV 9	3141		6.38	-2.19	66.45	-37	-28	-35	-35	-4	-39
5553	SLV 9	3140		5.9	-2.2	64.57	-35	-26	-33	-33	-5	-37
5517	SLV 9	3139		5.85	-3.43	62.36	-33	-24	-31	-31	-5	-34
5481	SLV 9	3138		5.84	-1.81	60.18	-33	-22	-30	-30	-4	-32
6303	SLU 1	3848		20.73	2.21	58.6	9	-12	16	16	0	100
4113	SLV 5	3099		6.25	0.68	58.47	-28	20	-32	-32	2	-41
4077	SLV 5	3099		4.52	0.32	58.29	-16	22	-31	-31	-1	-41
4149	SLV 5	3100		5.6	0.99	58.07	-24	20	-33	-33	1	-37

Shell	Cont.	Nodo	Sollecitazione							
			Mxx	Mxy	Myy	Fxx	Fxy	Fyy	Vx	Vy
5445	SLV 9	3137	5.68	-1.31	57.98	-15	-23	-28	-6	-31
4185	SLV 5	3101	5.72	0.98	57.76	-23	20	-31	2	-36
3569	SLV 9	5482	-0.26	2.65	57.73	215	-77	-322	-16	-158
6383	SLU 1	3848	0.42	5.22	57.54	16	-12	12	-8	100
3554	SLV 9	5482	-5.18	2.34	57.46	205	44	-435	20	-145
4041	SLV 5	3098	4.71	0	56.84	-19	20	-34	-3	-42
4221	SLV 5	3102	5.69	0.91	56.58	-22	19	-28	3	-34
6342	SLU 1	3846	15.5	1.8	56.21	6	-17	28	-4	83
5409	SLV 9	3136	5.34	-0.61	55.37	-20	-22	-24	-7	-29
4257	SLV 5	3103	5.23	2.26	54.95	-21	19	-26	4	-33
6238	SLV 11	3861	17.42	0.5	54.4	-29	-73	-15	8	94
4005	SLV 5	3097	4.02	-0.62	54.15	-22	17	-33	-5	-45
6200	SLV 11	3861	-0.41	2.24	53.82	-23	-80	-21	8	92
4293	SLV 5	3104	5.27	0.38	52.87	-21	18	-22	5	-31
6129	SLU 1	3852	19.34	2.45	52.19	9	-12	16	-3	98
5373	SLV 9	3135	4.62	-0.08	52.16	-22	-21	-17	-7	-27
6324	SLU 1	3849	19.14	-0.28	52.08	13	43	31	7	98
5930	SLU 1	3852	1.82	5.67	51.14	16	-16	14	-5	100
6326	SLU 1	3849	0.86	3.92	50.61	23	43	28	-1	95
6185	SLV 11	3873	3.84	-8.92	50.48	-8	-41	-124	4	108
6179	SLU 1	3849	-0.32	4.52	50.33	25	45	26	10	95
4329	SLV 5	3105	5.04	0.01	50.02	-4	20	-16	6	-29
6032	SLU 1	3856	19.88	2.14	49.75	8	-12	27	-3	99
3969	SLV 5	3096	3.12	-1.44	49.31	-27	19	-30	-9	-46
5337	SLV 9	3134	4.34	0.4	48.75	-25	-18	-8	-8	-25
6387	SLU 1	3856	2.79	5.81	48.49	14	-19	27	-3	100
6381	SLU 1	3858	20.46	1.54	48.38	4	-6	52	-1	100
6121	SLU 1	3854	17.99	-1.07	47.79	12	42	36	4	97
6126	SLU 1	3860	20.3	0.24	47.32	1	10	74	1	100
5732	SLV 13	3045	-1.68	6.94	47.28	-64	-37	-20	6	-54
5696	SLV 13	3045	-1.9	4.93	47.24	-58	-34	-20	2	-52
5660	SLV 9	3049	3.2	-1.86	47.2	-17	-39	-36	3	-36
5624	SLV 9	3051	3.36	-2.77	47.19	-17	-39	-35	2	-34
6388	SLU 1	3858	4.22	5.27	47.18	4	-10	46	0	100
5588	SLV 9	3051	3.04	-2.97	47.14	-11	-37	-34	1	-33
6376	SLU 1	3859	19.16	-0.94	46.53	3	28	71	3	98
5552	SLV 9	3053	3.24	-3.32	46.46	-11	-34	-32	1	-31
6366	SLU 1	3854	-0.4	-4.68	46.43	23	46	32	6	96
6439	SLV 7	3866	3.42	0.22	46.17	-47	107	-74	-9	97
6178	SLU 1	3857	17.77	-1.35	46.1	9	39	51	3	95
4365	SLV 5	3106	4.7	-0.14	46.09	-10	21	-5	7	-26
6377	SLU 1	3860	4.43	4.29	45.92	5	15	57	4	99
6186	SLV 7	3866	13.38	-0.18	45.81	-41	79	-90	-4	90
5768	SLV 13	3043	-2.73	12.49	45.49	-62	-36	-26	10	-58
5516	SLV 9	3055	3.38	-3.63	45.46	-11	-31	-30	0	-29
5301	SLV 9	3133	3.7	0.67	45.29	-28	-15	1	-7	-22
5933	SLU 1	3857	0.84	-4.76	44.99	16	43	46	6	97
6156	SLV 11	3864	15.88	1.4	44.84	-20	-71	-2	8	85
6180	SLV 11	3864	-0.41	3.29	44.38	-10	-73	-9	6	86
5480	SLV 9	3057	3.44	-3.31	44.16	-11	-30	-28	0	-28
4401	Pesi	3107	3.3	1.81	43.69	-39	2	-26	0	-39
5944	SLV 7	3874	5.14	9.41	43.66	-9	45	-166	-5	92
5662	SLV 15	947	-1.93	-7.02	43.21	444	-59	19	-25	74
4437	Pesi	3108	3.67	1.95	43.1	-41	4	-25	2	-39

Sollecitazioni con sforzo Fxx minimo

Vengono mostrati i soli 200 gusci più sollecitati.

Shell	Cont.	Nodo	Sollecitazione							
			Mxx	Mxy	Myy	Fxx	Fxy	Fyy	Vx	Vy
3552	SLV 9	5436	-3.27	-10.29	-4.97	-1159	447	-99	68	-21
5842	SLV 3	951	13.23	7.9	-38.66	-627	128	-213	-303	-71
1823	SLU 3	6164	-6.37	2.14	3.62	-568	397	-748	1	-2
3572	SLV 9	5440	3.95	13.95	-9.61	-552	74	-45	-45	-66
3571	SLV 9	5437	-7.95	1.2	20.28	-552	-76	-737	13	37
3555	SLV 9	5456	-6.15	-7.65	2.38	-423	213	-56	22	-20
1822	SLU 3	6164	-5.43	-1.23	3.71	-418	-219	-654	3	0
3556	SLV 9	5456	-5.98	-6.9	2.76	-406	277	-330	22	-14
3862	SLU 7	897	-60.38	51.02	-62.2	-372	-101	-281	216	-98
6191	SLV 11	4120	-36.52	2.83	-2.98	-337	4	3	19	-10
2036	SLU 3	6167	2.29	-0.29	11.48	-335	273	-700	3	-35
6141	SLV 11	4120	-35.84	-1.74	-2.65	-335	-2	2	-9	-11
5806	SLV 3	951	15.66	4.31	-37.56	-326	24	-159	-54	-79
5968	SLV 11	4118	-5.09	2.67	6.67	-320	-11	2	56	-15
6214	SLV 7	4122	-6.55	-3.42	5.9	-313	13	5	-54	-15
3675	SLV 13	953	-42.98	-52.69	20.32	-304	-194	-45	-579	-44
2026	SLU 3	6161	1.02	-0.43	9.32	-300	-238	-573	-5	-27
5899	SLV 11	4118	-8.48	-4.81	1.24	-290	-26	-7	103	2
5967	SLV 7	4122	-7.8	3.14	1.18	-288	26	-5	-98	-1
6212	SLV 11	4119	-23.28	1.5	-1.25	-287	-5	-11	31	-5
5901	SLV 11	4117	23.01	2.11	3.67	-287	-24	-18	70	32
1824	SLU 1	6179	-0.28	0.65	-1.95	-285	53	452	-3	8
6337	SLV 11	4120	-29.12	0.35	-1.56	-284	1	-13	3	-7
5900	SLV 11	4103	-28.32	14.05	-2.25	-284	-4	19	100	-62
6000	SLV 7	4121	-23.38	-2.07	-1.35	-282	7	-10	-31	-5
5937	SLV 7	4123	23.29	-3.58	-1.72	-281	29	-8	-68	35
6890	SLU 3	502	-13.27	6.9	0.26	-281	-2	-2	-4	4
6230	SLV 7	4104	-28.1	-13.72	-3.23	-281	6	18	-99	-62
3570	SLV 5	5450	-3.15	1.07	7.94	-280	-272	-278	-64	30
6888	SLU 3	501	-13.76	7.35	0.17	-277	-7	0	-6	5
6892	SLU 3	504	-12.72	6.08	-0.13	-274	8	2	-2	3
6336	SLV 11	4105	-32.55	6.71	-12.42	-274	3	6	40	-30
6041	SLV 11	4105	-30.77	-0.14	-11.52	-270	-1	4	4	-18
6064	SLV 7	4106	-32.64	-7.1	-12.65	-269	1	7	-39	-29
6893	SLU 3	505	-12.29	5.71	0.38	-268	14	-1	3	4
6886	SLU 3	500	-14.17	7.78	0.11	-266	-14	-1	-7	6
3585	SLV 5	5450	1.83	3.48	5.71	-263	-209	-204	13	4
3586	SLV 5	5448	0.37	6.92	3.97	-259	-116	-58	-7	-11
6869	SLU 3	538	-13.29	-7.32	0.24	-259	3	-2	6	4

Shell	Cont.	Nodo	Sollecitazione										
			Ind	N.br.	Ind	Mxx	Mxy	Myy	Fxx	Fxy	Fyy	Vx	Vy
6867	SLU 3	539				-13.73	-7.76	0.16	-257	9	0	7	5
6488	SLU 3	504				-12.18	6.15	-0.24	-255	12	-4	-3	2
6871	SLU 3	537				-12.74	-6.89	0.22	-251	-4	-1	3	4
6891	SLU 4	506				-11.82	5.46	0.35	-249	20	-1	5	3
6865	SLU 3	540				-14.1	-8.18	0.1	-247	15	0	8	6
6884	SLU 3	499				-14.44	8.18	0.04	-245	-21	0	-9	7
6655	SLU 3	440				-13.38	7.99	-31.47	-245	28	89	9	-14
6459	SLV 11	4116				21.1	5.68	-0.42	-244	-22	-21	-4	48
3573	SLV 5	5440				2.04	7.13	-7.74	-244	-30	-19	-12	-42
2038	SLU 1	6147				0.23	0.2	2.49	-243	18	672	1	0
6654	SLU 3	441				-14.37	7.5	-33.45	-243	21	91	5	-14
6870	SLU 3	536				-12.43	-6.56	-0.16	-242	-11	3	-1	2
6966	SLV 11	3863				0.08	-4.81	-6.91	-242	-105	-94	47	56
6656	SLU 3	439				-12.11	8.42	-28.59	-241	38	86	14	-14
6653	SLU 3	442				-15.18	6.98	-34.62	-239	13	91	0	-15
5886	SLV 7	4124				23.51	-7.02	5.16	-238	41	-10	-19	42
6652	SLU 3	443				-15.79	6.53	-35.04	-234	7	92	-4	-15
6487	SLU 3	536				-11.88	-6.46	-0.3	-233	-9	-4	0	2
6657	SLU 3	438				-10.51	8.73	-24.81	-232	50	82	20	-14
3559	SLV 9	5455				2.9	-8.99	0.7	-231	170	-30	0	-19
6688	SLU 3	480				-12.36	-8.24	-29.51	-229	-38	85	-12	-14
6863	SLU 3	541				-14.32	-8.56	0.03	-228	22	0	10	7
6687	SLU 3	479				-13.3	-7.75	-31.36	-227	-31	87	-7	-15
6689	SLU 3	481				-11.15	-8.66	-26.81	-226	-47	83	-16	-14
6243	SLV 11	4103				-2.79	7.63	0.6	-226	-3	-8	38	-40
6242	SLV 11	4105				2.77	2.77	-10.03	-225	1	-11	18	-13
6213	SLV 11	4106				-21.9	-1.51	-10.6	-223	7	-11	-10	-13
6215	SLV 7	4104				-3.81	-7.57	-0.59	-223	7	-6	-37	-38
6868	SLU 1	534				-11.33	-5.83	0.4	-222	-18	-1	-4	2
6686	SLU 3	478				-14.07	-7.23	-32.44	-222	-25	87	-2	-15
6889	SLU 1	507				-11.22	5.3	0.28	-222	25	0	6	4
6882	SLU 3	437				-6.14	8.24	3.84	-218	-8	-4	21	4
6690	SLU 3	482				-9.62	-8.96	-23.25	-218	-57	78	-22	-14
6658	SLU 3	437				-8.35	8.84	-20.06	-217	63	74	27	-14
6685	SLU 3	477				-14.67	-6.76	-32.82	-216	-19	88	1	-16
5898	SLV 11	4079				-28.86	6.05	-27.09	-213	6	10	14	-21
6190	SLV 11	4077				-22.82	12.8	-25.69	-213	-3	7	27	-28
6651	SLU 3	445				-12.56	5.79	-33.82	-212	0	85	-7	-17
6164	SLV 11	4079				-28.49	-3.82	-27.05	-211	7	9	-8	-20
6262	SLV 7	4078				-22.94	-12.9	-25.9	-211	8	8	-27	-28
3861	SLV 1	895				-21.33	34.19	15.7	-209	161	-36	310	-5
6691	SLV 15	483				-12.32	-8.79	-24.24	-205	-66	71	-19	5
6861	SLU 3	483				-5.48	-8.54	3.58	-205	7	-4	-23	4
3553	SLV 9	5456				-4.83	-0.94	0.18	-204	294	-373	48	-28
6692	SLV 15	484				-10.78	-8.82	-20.64	-204	-85	67	-26	7
6457	SLV 11	4115				9.55	3.49	0.03	-203	-15	-16	-38	26
5884	SLV 7	4125				7.75	-4.05	3.57	-203	42	-20	25	36
3558	SLV 9	5454				4.73	-7.71	3	-201	49	-27	2	-7
6859	SLV 15	484				-8.73	-7.74	2.27	-200	-1	-2	-21	3
2027	SLU 1	6146				0.19	-0.45	2.48	-200	-20	511	-1	1
5974	SLV 11	4091				33.66	9.45	14.49	-198	14	11	22	-119
1821	SLV Y	6173				-0.26	-0.31	1.37	-196	-123	-75	0	4
6165	SLV 7	4092				32.2	-9.1	13.91	-196	-10	10	-22	-117
6650	SLU 1	446				-10.98	5.56	-32.24	-195	-4	82	-12	-17
6684	SLU 1	476				-14.43	-6.27	-32.38	-195	-14	85	4	-17
6659	SLU 3	436				-5.02	8.7	-14.06	-195	79	63	36	-14
6866	SLU 1	533				-10.85	-5.54	0.32	-194	-22	-1	-4	3
6880	SLU 3	436				-3.33	8.1	4.21	-194	-10	-6	29	4
6693	SLV 13	485				-4.43	-9.02	-0.33	-192	-123	50	-44	3
6632	SLU 3	380				-14.88	9.55	-40.59	-191	36	78	1	-6
3637	SLV 13	3232				-0.74	9.48	1.22	-191	-12	6	7	8
3639	SLV 13	3233				-3.5	9.93	0.86	-190	-7	13	10	6
6631	SLU 3	381				-15.05	8.28	-41.98	-190	27	79	0	-6
5997	SLV 11	4073				2.88	12.16	-20.48	-189	-13	7	16	-56
6633	SLU 3	379				-14.52	10.84	-38.44	-188	45	75	1	-5
6630	SLU 4	381				-15.26	7.79	-41.94	-188	21	80	0	-6
6887	SLU 1	508				-10.56	5.16	0.22	-187	31	-1	7	4
6451	SLV 11	4117				13.26	6.35	1.75	-187	-48	9	-12	38
6281	SLV 7	4075				2.05	-12.19	-20.66	-187	19	8	-15	-56
5885	SLV 7	4124				14.93	-1.59	-1.06	-186	34	-13	-4	39
3622	SLV 11	3223				-3.92	-8.76	0.21	-186	0	2	-4	0
6857	SLV 15	485				-3.65	-7.75	3.2	-185	2	-2	-35	3
5977	SLV 11	4090				19.61	1.35	4.5	-182	4	20	-24	-97
6629	SLU 1	382				-14.82	6.66	-42.46	-181	15	79	0	-8
6634	SLU 3	378				-14.02	12.12	-35.47	-181	57	70	1	-4
3623	SLV 11	3224				-0.73	-9.08	2.37	-180	12	-2	-12	1
6711	SLU 3	418				-14.31	-9.78	-38.66	-179	-48	75	0	-6
3621	SLV 11	3221				-5.15	-7.94	-0.29	-179	-11	-4	2	1
6710	SLU 2	417				-14.43	-8.58	-39.89	-178	-40	76	0	-7
5975	SLV 7	4093				19.9	-2.05	4.48	-177	2	22	17	-94
6140	SLV 11	4079				-15.5	1.07	-23.69	-177	6	-8	3	-20
6683	SLU 1	475				-14.91	-5.92	-31.88	-177	-11	82	8	-16
6712	SLU 3	419				-13.97	-11.03	-36.61	-177	-56	72	0	-5
3635	SLV 13	3231				1.95	8.18	1.56	-176	-13	5	4	9
6829	SLV 13	55				-3.79	-17.4	-0.03	-175	-1	1	6	-9
3560	SLV 5	5469				1.73	-5.46	5.97	-175	294	-132	-11	2
6828	SLV 13	54				-1.87	-16.9	-0.03	-175	0	1	4	-11
3750	SLV 5	3209				-3.2	0.01	0.04	-175	-5	9	1	-2
6649	SLU 1	447				-9.45	5.31	-30.37	-174	-8	77	-15	-18
5897	SLV 11	4077				-9.3	8.36	-22.89	-174	-3	-8	12	-27
6709	SLU 1	416				-14.48	-7.45	-40.49	-174	-35	76	0	-8
6146	SLV 7	4078				-9.53	-8.37	-23.02	-174	8	-7	-12	-26
6830	SLV 13	55				-3.27	-17.32	0.03	-172	-2	2	7	-9
1855	SLV Y	6337				2.09	0.69	-0.68	-172	-20	-90	1	2
3574	SLV 5	5446				4.34	6.57	1.46	-172	-54	-15	-1	3
6628	SLU 1	383				-14.38	5.62	-42.47	-171	11	79	0	-8
6455	SLV 11	4114				2.72	-0.65	0.57	-170	-12	-12	-25	17
6713	SLU 3	420				-13.48	-12.28	-33.76	-170	-67	68	0	-5
5882	SLV 7	4126				0.93	-0.17	4.63	-169	34	-18	23	9

Shell	Cont.	Nodo	Sollecitazione										
			Ind	N.br.	Ind	Mxx	Mxy	Myy	Fxx	Fxy	Fyy	Vx	Vy
6827	SLV 13	53				-0.47	-15.65	-0.03	-168	1	1	3	-13
6635	SLU 3	377				-13.35	13.36	-31.55	-168	70	64	1	-4
6714	SLV 13	421				-13.16	-11.48	-21.45	-167	-94	42	3	11
1790	SLV Y	6337				1.89	-0.2	-0.7	-166	21	-84	-1	2
6708	SLU 1	416				-14.61	-6.97	-40.5	-166	-30	76	1	-8
6065	SLV 11	4045				-20.52	0.57	-41.71	-166	2	17	2	-12
3620	SLV 11	3220				-4.71	-6.94	0.19	-165	-14	-8	3	3
3615	SLV 5	3209				-3.35	-0.33	0.2	-163	8	5	-2	-2
3641	SLV 13	3234				-9	9.77	0.7	-163	12	12	11	2
5996	SLV 11	4045				-20.98	7.57	-41.29	-163	-4	18	11	-14
6263	SLV 7	4046				-20.95	-7.81	-41.4	-163	10	16	-11	-14
6826	SLV 13	52				0.54	-13.89	-0.03	-163	1	1	3	-14
3786	SLV 7	3197				-3.91	8.09	-0.32	-162	9	-5	-2	3
6831	SLV 13	56				-5.77	-16.53	0.03	-162	-5	2	8	-6
5965	SLV 11	4073				4.39	14.21	-23.02	-162	-6	-4	12	-44
6066	SLV 7	4075				3.91	-14.01	-23.09	-162	12	-3	-12	-44
3785	SLV 7	3194				-1.55	9.35	-0.45	-162	-13	-2	5	6
2040	SLU 1	6148				0.78	0.86	2.21	-162	7	173	-1	4
3593	SLV 11	3223				-3.92	-8.3	-1.17	-161	5	-6	-6	2
3624	SLV 11	3225				3.44	-8.62	4.38	-160	19	-10	-16	8
3670	SLV 7	3196				-3.97	8.9	0.07	-160	2	2	2	3
6805	SLV 13	114				-1.23	-17.15	5.41	-160	8	3	1	-31
3633	SLV 13	3230				2.64	6.31	1.99	-160	-11	3	4	9
6660	SLU 3	435				1.36	8.16	-6.71	-159	94	45	49	-15
6806	SLV 13	115				-2.23	-18	4.53	-159	7	4	2	-30
6864	SLU 1	532				-10.28	-5.31	0.26	-159	-28	-1	-5	3
6715	SLV 13	422				-13.62	-13.06	-18.51	-159	-116	39	2	11
6804	SLV 13	113				-0.5	-15.79	6.03	-158	8	3	0	-32
6812	SLU 1	38				-6.59	9.63	0	-157	-4	3	2	1
3594	SLV 11	3222				-4.52	-8.51	-1.13	-157	-7	-6	-3	1
3588	SLV 5	5446				4.45	6.45	2.48	-157	-91	-21	-1	-4
6627	SLU 1	384				-13.67	4.63	-41.83	-157	7	77	0	-9
6825	SLV 13	51				1.26	-11.82	-0.03	-156	1	1	2	-15
3657	SLV 13	3233				-5.08	8.91	0.08	-156	-3	-7	9	7
6707	SLU 1	415				-14.21	-5.95	-40.53	-156	-27	76	1	-9
6878	SLU 3	435				2.5	7.58	5.56	-156	-12	-7	41	5
6783	SLV 13	176				3.02	-17.82	37.64	-155	-51	-8	10	59
6803	SLV 13	112				0.03	-13.29	6.46	-155	8	2	-1	-33
6782	SLV 13	175				3.08	-16.37	34.19	-155	-47	-1	8	57
3584	SLV 5	5460				0.77	3.41	3.14	-154	-193	-116	-36	-23
6896	SLU 1	37				-5.86	6.65	0	-154	2	4	5	3
6807	SLV 13	116				-3.59	-18.17	3.32	-153	5	5	4	-28
6682	SLU 1	474				-14.79	-5.56	-30.82	-153	-9	81	11	-16
6784	SLV 13	177				2.46	-18.78	39.27	-153	-56	-14	12	60
2037	SLU 3	6167				3.09	-9.11	11.56	-153	-24	-564	38	-30
3653	SLV 13	3234				-9.47	9.06	-0.07	-153	13	-9	15	6
6781	SLV 13	174				2.87	-14.57	29.84	-152	-44	5	6	54
6042	SLV 7	4044				-12.6	-9.95	-41.24	-152	27	16	-19	-24
6002	SLV 11	4043				-12.33	9.73	-41.34	-152	-19	15	19	-23
3595	SLV 11	3221				-4.75	-7.79	-1.15	-152	-14	-6	-2	2
6735	SLV 13	358				-10.72	-9.35	-20.33	-152	-56	29	-1	21
6734	SLV 13	358				-10.51	-8.48	-20.32	-151	-50	29	-1	21
6802	SLV 13	111				0.43	-11.02	6.74	-151	8	2	-1	-33
3646	SLV 5	3210				-2.99	-0.52	-0.15	-151	9	6	-2	0
3661	SLV 13	3232				-3.2	8.12	0.21	-151	-4	-5	4	8
6824	SLV 13	50				1.78	-9.55	-0.02	-150	1	1	2	-16
5807	SLV 3	964				10.09	-1.41	-5.56	-150	52	-99	-77	-35
3631	SLV 15	3229				8.1	5.42	5.87	-150	-6	-1	14	9
3619	SLV 11	3219				-4.01	-6.19	0.49	-150	-14	-9	3	4
5978	SLV 11	4090				25.73	1.05	1.94	-150	6	14	-15	-73
6736	SLV 13	359				-11.24	-11.08	-18.98	-149	-66	25	-1	23
6780	SLV 13	173				2.51	-12.51	25.19	-149	-40	10	5	50

Sollecitazioni con sforzo Fxx massimo

Vengono mostrati i soli 200 gusci più sollecitati.

Shell	Cont.	Nodo	Sollecitazione										
			Ind	N.br.	Ind	Mxx	Mxy	Myy	Fxx	Fxy	Fyy	Vx	Vy
1823	SLU 1	6174				0.58	1.62	-1.19	946	-1079	1957	-1	-3
3572	SLV 7	5440				-1.69	-10.35	10.09	812	117	-57	-2	56
1822	SLU 1	6172				-0.09	0.48	-1.01	704	796	1395	-1	-2
2036	SLU 1	6155				-0.78	-2.5	3.52	670	-790	1978	-9	16
1824	SLU 1	6173				-3.02	0.12	-4	648	-427	239	-7	-10
3571	SLV 7	5439				-0.83	8.34	-36.52	604	352	370	-12	-104
2026	SLU 1	6154				-0.71	1.63	3.02	550	634	1549	6	13
3552	SLV Y	5436				1.87	6.34	2.43	541	-194	21	-38	12
1821	SLU 1	6173				-2.35	1.06	-3.94	517	291	213	5	-10
5626	SLV 13	946				-3.55	-3.37	38.15	461	-57	15	-23	67
5590	SLV 13	945				-5.15	-0.06	35.5	459	-47	13	-18	60
5662	SLV 13	947				-1.78	-8.37	39.12	455	-68	12	-28	74
5554	SLV 13	944				-6.55	2.03	31.79	452	-37	10	-14	53
5518	SLV 13	943				-7.6	3.25	27.5	440	-27	6	-10	47
5698	SLV 13	948				-0.09	-15.99	37.52	438	-74	13	-31	83
5482	SLV 13	942				-8.63	3.84	22.96	425	-17	2	-6	42
2038	SLU 1	6156				3.03	-0.47	-3.16	415	-414	281	-4	11
5734	SLV 13	949				-1.53	-26.93	30.96	413	-83	2	-27	89
5446	SLU 3	941				-9.33	-0.8	21.03	413	-1	-5	0	46
5770	SLV 13	950				-7.16	-44.9	14.82	406	-71	6	-20	86
5410	SLU 3	939				-7.03	-0.51	16.26	406	16	-9	5	42
4186	SLU 3	905				-7.45	1.61	28.3	404	17	1	7	54
4150	SLU 3	904				-5.84	3.19	29.14	403	31	1	13	57
4222	SLU 3	906				-8.95	0.57	26.64	400	3	1	1	52
5374	SLU 3	938				-5.52	-0.5	13.65	396	28	-11	10	41
4114	SLU 3	903				-4.08	5.51	28.87	395	46	-1	19	59
4258	SLU 3	908				-7.18	-0.4	22.11	394	-15	-2	-5	48
5591	SLV 13	976				-12.23	3.4	6.2	388	-53	24	7	39
5555	SLV 13	978				-11.25	5.35	4.39	388	-43	21	5	35
5627	SLV 13	974				-13.53	0.06	7.29	386	-62	27	10	44
4294	SLU 3	909				-5.55	-0.72	19.34	384	-29	-5	-10	46

Shell	Cont.	Nodo	Sollecitazione										
			Ind	N.br.	Ind	Mxx	Mxy	Myy	Fxx	Fxy	Fyy	Vx	Vy
5519	SLV 13	978				-12.09	5.9	4.38	383	-34	20	3	34
5338	SLU 3	937				-3.99	-0.46	10.92	382	40	-15	15	40
5483	SLV 13	980				-10.88	6.61	2.17	377	-24	16	2	30
4078	SLU 3	902				-2.13	8.76	27.13	377	58	-4	25	60
5663	SLV 13	972				-15.22	-5.16	7.25	374	-70	27	13	49
4330	SLU 3	910				-3.92	-0.97	16.25	370	-42	-7	-16	44
5447	SLV 13	982				-9.93	6.69	-0.27	369	-14	11	0	27
5302	SLU 3	936				-2.4	-0.28	8.05	365	51	-17	20	39
5411	SLV 13	984				-9.18	6.41	-2.81	359	-5	6	-1	24
3586	SLV 11	5448				0.66	-3.67	-2.7	358	158	105	-2	3
5699	SLV 13	970				-17.55	-13.88	5.55	358	-77	25	19	54
5806	SLV 13	950				-29.4	-53.52	12.78	357	-79	2	83	84
4366	SLU 3	911				-2.27	-1.29	12.86	352	-55	-11	-21	43
3573	SLV 7	5448				-0.11	-5.04	-5.63	349	83	-7	4	43
4042	SLU 3	901				-0.17	13.18	23.49	348	71	-11	31	60
5375	SLV 13	986				-8.58	5.96	-9.09	347	4	1	-2	22
5266	SLU 3	935				-0.76	0.12	4.99	343	62	-22	25	38
2027	SLU 1	6153				1.67	0.15	-1.87	339	334	213	3	9
5339	SLU 3	988				-9.56	1.19	-6.66	337	36	3	-5	27
4187	SLU 3	979				-12.43	-0.18	1.18	335	14	19	-3	36
4223	SLU 3	981				-12.19	-1.3	0.01	335	0	17	0	35
5520	SLV 13	1041				-12.95	7.67	-16.97	334	-29	26	4	21
5556	SLV 13	1039				-14.98	6.26	-16.83	334	-35	30	5	24
5735	SLV 13	968				-21.45	-24.84	-10.5	333	-77	16	28	56
5484	SLV 13	1041				-12.84	8.01	-16.95	332	-24	26	3	20
4259	SLU 3	981				-11.75	-1.67	0.06	332	-12	17	2	34
5592	SLV 13	1037				-17.71	3.76	-16.92	331	-40	34	7	27
4151	SLU 3	977				-12.79	1.51	1.82	331	28	19	-5	38
4402	SLU 3	912				-0.58	-1.76	9.13	330	-67	-14	-26	42
5448	SLV 13	1043				-11.47	8.28	-17.29	327	-18	20	2	18
4295	SLU 3	983				-10.9	-2.26	-1.48	326	-26	15	4	33
5303	SLU 3	990				-8.99	1.31	-8.73	324	47	-1	-7	26
5628	SLV 13	1035				-21.28	-0.34	-17.25	321	-43	35	9	30
5412	SLV 13	1045				-10.54	8.11	-17.82	321	-12	15	1	15
4115	SLU 3	975				-13.27	3.99	1.83	320	40	18	-7	40
2687	SLU 1	6392				2.98	3.35	2.12	320	-87	-46	-17	-13
5230	SLU 3	934				1.01	0.83	1.62	318	71	-24	30	37
4331	SLU 3	985				-10.15	-2.69	-3.4	315	-40	11	6	31
2688	SLU 1	6393				6.87	1.56	3.84	315	-58	-253	-26	-11
5376	SLV 15	1047				-9.18	7.53	-14.48	312	-5	18	1	14
5842	SLV 13	958				-132.58	-90	22.93	310	-121	-446	97	-195
5050	Port.	930				-4.1	-6.66	-0.05	308	179	97	-30	34
5664	SLV 13	1033				-25.92	-6.52	-17.87	308	-46	34	12	33
5267	SLU 3	992				-8.47	1.63	-10.98	308	59	-5	-8	25
4006	SLU 3	900				1.52	19.13	17.29	307	76	-16	35	57
2686	SLU 1	6391				4	2.95	2.56	302	-88	18	-19	-5
4438	SLU 3	913				1.17	-2.44	4.97	302	-80	-20	-31	40
4079	SLU 3	973				-13.84	7.47	1.07	302	51	14	-10	40
4367	SLU 3	987				-9.5	-3.11	-5.66	301	-54	8	7	30
5340	SLV 15	1049				-8.83	6.95	-15.39	301	-1	13	0	12
3553	SLV 7	5457				4.15	-0.2	9.57	296	-144	316	-4	35
5485	SLV 15	1104				-11.74	8.82	-20.68	295	-17	36	5	11
5521	SLV 15	1102				-13.83	8.17	-20.77	295	-19	41	7	13
5449	SLV 15	1104				-11.72	8.89	-20.68	294	-14	36	3	11
5771	SLV 13	966				-28.86	-42.05	-13.79	293	-74	13	54	49
5557	SLV 13	1100				-17.76	6.36	-24.66	293	-29	36	9	15
2648	SLU 1	6368				3.03	-2.97	1.5	292	85	-57	17	-16
5843	SLV 13	962				-86.21	-74.64	-11.02	291	-92	-176	83	-11
2647	SLU 1	6367				5.56	-2.44	4.35	291	54	-267	23	-17
5413	SLV 15	1106				-10.3	8.74	-20.79	290	-12	31	2	9
6671	SLU 3	523				4.87	-0.9	0.01	290	-3	-5	-3	2
5304	SLV 15	1051				-8.69	6.46	-16.51	289	4	8	0	11
5700	SLV 13	1031				-32.06	-15.63	-18.92	289	-44	28	17	34
5231	SLU 4	994				-7.96	2.22	-13.65	289	69	-10	-9	24
6672	SLU 3	524				5.46	-1.29	0.07	287	-11	-8	-3	0
2039	SLU 1	6156				2.61	1.44	-3.2	286	-75	167	2	10
5194	SLU 1	933				2.61	1.75	-3.12	286	83	-34	33	35
2685	SLU 1	6390				2.98	2.31	0.41	286	-86	17	-19	-7
5593	SLV 13	1098				-21.9	3.47	-25.18	286	-31	39	12	17
5377	SLV 15	1108				-9.38	8.33	-21.08	285	-11	25	1	8
6670	SLU 3	522				4.38	-0.67	0.01	285	1	-4	-2	3
4403	SLU 3	989				-8.91	-3.64	-8.24	284	-66	3	9	28
6669	SLU 3	521				3.96	-0.42	0.02	278	2	-2	-1	2
4224	SLU 3	1042				-14.8	-2.16	-16.84	278	-2	30	-2	22
5341	SLV 15	1110				-8.85	7.81	-21.54	278	-7	20	0	6
6666	SLU 3	517				5.92	0.88	0.03	277	8	-6	4	2
4260	SLU 3	1044				-13.81	-3.23	-17.71	277	-11	28	-2	21
6667	SLU 3	518				5.09	0.51	0.02	277	3	-5	3	2
5268	SLV 15	1053				-8.72	6.14	-17.81	277	7	1	0	10
4043	SLU 3	971				-14.52	12.2	-0.61	277	59	7	-12	40
5629	SLV 13	1096				-27.35	-0.87	-25.98	276	-32	40	15	19
2649	SLU 1	6369				3.44	-2.64	2.47	276	83	12	18	-6
3585	SLV 11	5450				-2.56	-0.46	-2.78	276	202	180	-14	0
6668	SLU 3	519				4.28	0.15	0.03	276	2	-2	1	2
4188	SLU 3	1040				-16.1	-0.65	-16.31	275	6	31	-3	24
4296	SLU 3	1044				-14.07	-3.62	-17.73	272	-18	27	-1	21
2684	SLU 1	6389				1.76	1.51	-2.52	271	-74	7	-15	-10
4474	SLU 3	914				3.03	-3.4	0.29	271	-89	-23	-36	39
5305	SLV 15	1112				-8.66	7.33	-22.12	270	-4	15	-1	5
6665	SLU 3	516				6.7	1.44	0.09	269	17	-8	5	0
5195	SLU 1	996				-7.45	3.16	-16.59	269	79	-16	-10	22
1790	SLV 9	6337				-2.74	0.79	1.42	269	-54	143	-1	-4
6673	SLU 3	525				5.26	-2.41	0.27	268	-26	-10	-3	-2
4152	SLU 3	1038				-17.73	1.48	-16.14	268	13	30	-3	25
5450	SLV 15	1167				-10.74	8.9	-25.13	266	-14	36	5	4
5486	SLV 15	1165				-12.58	8.7	-25.53	266	-14	41	7	6
5736	SLV 13	1029				-40.7	-27.83	-20.66	265	-40	20	25	32
4332	SLU 3	1046				-13.54	-4.37	-18.94	265	-27	24	-1	20
5414	SLV 15	1167				-10.74	8.83	-25.13	264	-13	36	3	4

Shell	Cont.	Nodo	Sollecitazione										
			Ind	N.br.	Ind	Mxx	Mxy	Myy	Fxx	Fxy	Fyy	Vx	Vy
5232	SLV 15	1055				-8.88	6.11	-19.22	264	10	-3	0	9
5665	SLV 13	1094				-34.41	-7.2	-27.05	263	-30	36	19	20
5522	SLV 15	1163				-15.41	7.89	-26.15	263	-14	45	9	7
4439	SLU 3	991				-8.35	-4.39	-11.15	263	-78	-2	11	27
5378	SLV 15	1169				-9.6	8.52	-24.91	261	-13	31	2	3
5269	SLV 15	1114				-8.74	7.01	-22.79	260	-2	6	-1	4
3570	SLV 11	5450				-0.95	0.29	-3.43	259	230	255	46	-15
5558	SLV 15	1161				-19.48	6.24	-26.98	259	-13	48	12	9
2683	SLU 1	6388				0.24	0.76	-5.16	258	-71	-1	-13	-14
5342	SLV 15	1171				-8.98	8.07	-24.85	257	-11	25	1	2
2650	SLU 1	6370				2.62	-2.04	0.5	256	79	13	17	-8
4116	SLU 3	1036				-19.7	4.41	-16.34	256	19	27	-3	25
3556	SLV 7	5456				2.75	2.77	-3.39	255	-139	90	-8	3
5158	SLU 1	932				4.75	3.37	-7.01	254	88	-29	38	34
4368	SLU 3	1048				-13.25	-5.08	-20.43	254	-36	20	-1	18
5594	SLV 15	1159				-25.01	3.45	-28.01	252	-12	50	15	10
5306	SLV 15	1173				-8.8	7.63	-24.9	251	-10	13	0	1
5233	SLV 15	1116				-9.06	6.94	-23.5	251	0	3	-2	3
5086	SLU 1	1004				-8.31	7.06	-37.01	250	220	77	-8	61
3970	SLU 3	899				0.78	26.67	6.65	250	82	-35	33	47
5159	SLU 1	998				-6.87	4.63	-19.52	249	93	-18	-12	21
5701	SLV 13	1092				-43.55	-15.95	-28.15	248	-28	30	24	21
6664	SLU 3	515				6.86	2.57	0.32	247	31	-8	5	-2
5196	SLU 1	1057				-12.41	5.41	-27.08	246	54	-4	1	12
4654	Port.	918				-6.63	7.38	-4.5	246	-204	104	16	38
2651	SLU 1	6371				1.55	-1.21	-2.86	245	65	4	14	-11
5270	SLV 15	1175				-9.01	7.3	-25.02	244	-9	10	-1	0
5451	SLV 15	1228				-11.01	8.5	-26.96	243	-12	39	6	0
5415	SLV 15	1230				-9.65	8.39	-26.34	243	-14	34	4	-1
5630	SLV 15	1157				-32.23	-0.74	-29.16	243	-9	49	19	12
4007	SLU 3	969				-15.37	18.48	-3.34	243	64	-3	-15	38
2682	SLU 1	6387				-0.39	0.1	-6.08	243	-59	7	-7	-11
5379	SLV 15	1230				-9.65	8.24	-26.33	242	-13	34	2	-2
5487	SLV 15	1226				-13.25	8.22	-27.75	242	-11	44	9	1
5807	SLV 13	1025				-76.47	-59.12	-18.85	241	-18	-73	35	17
2037	SLU 1	6157				1.06	-0.71	0.93	241	187	74	20	91
5122	SLU 1	1002				-11.05	7.23	-26.14	241	135	-37	-14	31
4404	SLU 3	1050				-13.14	-5.89	-22.2	240	-45	15	0	17
5343	SLV 15	1232				-8.92	7.85	-25.85	239	-13	29	1	-2
4475	SLU 4	993				-7.77	-5.4	-14.62	239	-90	-8	12	25
4080	SLU 3	1034				-22	8.35	-16.89	239	22	21	-3	25
3555	SLV 7	5456				2.85	3.87	-1.06	238	-49	-27	-9	8
6962	SLU 3	458				4.96	0.17	7.07	238	-15	-9	-5	-10
5523	SLV 15	1224				-16.77	7.37	-28.72	238	-9	48	12	2
6963	SLU 3	457				4.38	0.1	2.69	238	-22	-2	-9	-4
5772	SLV 13	1027				-54.41	-42.86	-22.12	238	-25	-52	38	25
5808	SLV 13	1023				-97.86	-60.45	-10.09	237	-20	-149	36	23
6959	SLU 3	462				3.98	-0.26	4.78	237	19	-1	6	-7
6961	SLU 3	459				5.58	0	10.27	237	-5	-14	-1	-15
5234	SLV 15	1177				-9.56	7.17	-25.14	236	-9	6	-1	-1
1855	SLV 5	6337				-3.72	-0.54	1.39	236	0	115	-6	-5
6960	SLU 3	461				4.98	-0.21	8.92	236	10	-10	3	-13
6958	SLU 3	463				3.2	-0.01	0	236	23	6	9	0
5307	SLV 15	1234				-8.72	7.43	-25.48	236	-13	16	0	-2
5087	SLU 1	1002				-5.63	8.43	-26.27	236	162	9	-10	19
5123	SLU 1	1000				-6.19	6.51	-22.64	235	107	-28	-13	19
6850	SLU 3	526				3.31	-4.63	0.41	235	-41	1	-5	-1
5559	SLV 15	1222				-21.87	5.73	-29.82	234	-7	50	15	4
2673	SLU 1	6386				-0.01	-0.49	-7.74	234	-42	25	-9	-14
6964	SLU 3	456				4.26	0.26	-1.1	234	-31	-2	-11	0
4261	SLU 3	1105				-15.97	-3.87	-27.83	233	-12	37	-2	12
4225	SLU 3	1103				-17.23	-2.62	-27.42	233	-6	39	-3	13
5666	SLV 15	1155				-41.41	-7.78	-30.24	232	-5	46	23	13
5160	SLU 1	1061				-11.54	8.07	-30.97	232	69	1	1	8
6957	SLU 3	464				3.28	-0.01	-3.5	232	29	4	9	3
4510	SLU 1	915				4.7	-4.49	-5.99	231	-101	-35	-40	35
4297	SLU 3	1105				-15.89	-4.37	-27.82	231	-17	37	-1	12
5271	SLV 15	1236				-9.01	7.08	-25.16	231	-14	13	-1	-3
6966	SLV 5	3863				-2.83	1.52	0.55	231	103	98	-26	-30
5737	SLV 15	1090				-53.97	-25.77	-26.24	230	-6	-23	30	20

Sollecitazioni con sforzo Fyy minimo

Vengono mostrati i soli 200 gusci più sollecitati.

Shell	Cont.	Nodo	Sollecitazione										
			Ind	N.br.	Ind	Mxx	Mxy	Myy	Fxx	Fxy	Fyy	Vx	Vy
3552	SLV 5	5457				-18.69	3.19	5.24	-136	268	-811	22	23
1823	SLU 1	6164				-3.99	1.96	3.74	-567	397	-751	3	-2
3571	SLV 5	5437				-7.88	0.32	21.31	-544	-77	-750	16	40
2036	SLU 1	6167				1.7	-0.56	10.19	-333	274	-702	1	-33
5947	SLV 11	3840				-6.82	-2	97.63	-69	134	-665	-30	258
1822	SLU 1	6164				-3.04	-1.05	3.83	-417	-219	-657	0	0
5948	SLV 11	3805				2.92	-22.91	207.79	-3	131	-608	-55	192
6361	SLV 7	3839				-2.32	-2.78	95.44	-79	-157	-596	66	264
2026	SLV Y	6154				-0.02	0.08	0.05	-209	-245	-588	0	-1
2037	SLU 1	6167				2.26	-8.51	10.24	-151	-23	-565	30	-30
2689	SLV 7	6454				-0.29	8.35	12.97	-41	-27	-526	-21	4
3862	SLU 7	896				42.84	58.71	-68.11	-273	-35	-522	216	-161
5842	SLU 7	952				43.74	-58.38	-68.71	-269	31	-517	-219	-163
3554	SLV 9	5472				-22.41	-3.2	-7.96	3	124	-515	51	-153
2646	SLV 11	6455				-3.05	-7.23	15.25	-33	47	-507	1	-7
3553	SLV 9	5457				-23.28	2.12	-19.06	-197	214	-506	43	-68
3861	SLV 1	896				-124.61	54.62	-79.27	-189	145	-505	310	-249
3675	SLV 13	952				-246.78	-91.25	-101.5	-276	-186	-503	-579	-374
2031	SLU 1	6161				0.87	6.57	8.08	-137	21	-462	-30	-20
3570	SLV 9	5457				-34.27	0	-19.11	-204	-162	-448	-81	-42
1790	SLV 5	6327				0.38	-0.03	-1.08	-153	145	-428	-1	15
3569	SLV 9	5472				-28.32	1.71	-10.34	20	-139	-419	-70	-145
2688	SLV 7	6426				-4.84	2.71	14.14	-33	-19	-413	5	-22

Shell Ind	Cont. N.br.	Nodo Ind	Sollecitazione							
			Mxx	Mxy	Myy	Fxx	Fxy	Fyy	Vx	Vy
2039	SLU 7	6157	1.31	3.01	0.07	137	11	-409	2	7
2647	SLV 11	6424	2.99	-4.43	14.66	-19	43	-407	13	-23
5917	SLV 7	3777	-0.77	36.21	191.53	-52	-175	-394	73	83
2606	SLV 7	6484	-19.75	5	9.37	-4	-50	-392	47	14
3556	SLV 5	5471	0.56	-6.97	6.78	-63	298	-382	8	-12
2645	SLV 11	6489	-9.19	-6.62	5.8	-20	63	-371	-16	3
5945	SLV 11	3840	4.17	12.35	109.32	-38	72	-349	2	112
2045	SLV Y	6133	0.14	0.09	-0.74	-69	113	-326	0	-3
2035	SLV Y	6128	0.16	-0.11	-0.74	-69	-112	-325	0	-3
2032	SLU 7	6152	1.99	-2.49	0.61	108	-15	-320	1	6
3680	SLV 13	1082	-0.09	-53.64	2.41	-3	2	-295	11	-9
3557	SLV 9	5471	0.42	-8.77	6.63	1	259	-294	-8	-74
1806	SLV X	6247	0	-0.06	-0.26	-8	5	-292	1	0
3859	SLV 1	957	0.61	25.88	14.19	25	71	-292	-66	13
1855	SLV X	6329	0.16	1.17	0.19	-71	-103	-291	9	28
1805	SLV X	6257	0	0.24	-0.25	-8	-7	-290	1	0
1807	SLV X	6242	0	-0.25	-0.25	-8	7	-290	1	0
1804	SLV X	6262	0	0.43	-0.25	-8	-8	-285	1	0
1808	SLV X	6237	0	-0.44	-0.25	-8	8	-285	1	0
3677	SLU 7	958	2.55	-31.93	16.39	0	-66	-284	80	12
3852	SLV 1	1199	-0.01	25.47	1.42	-2	-2	-283	-15	-2
3678	SLV 13	1082	0.06	-52.5	3.3	-9	-1	-282	16	-20
3682	SLV 13	1143	-0.05	-52.17	3.83	2	4	-281	19	-5
3850	SLV 1	1199	-0.02	24.46	1.22	-1	-2	-280	-15	-1
5903	SLV 7	3839	3.46	-8.93	117.24	-38	-75	-279	0	127
3863	SLV 1	957	-0.3	34.48	14.54	88	35	-278	55	17
1803	SLV X	6267	0	0.62	-0.23	-8	-10	-276	1	0
1809	SLV X	6232	0	-0.63	-0.23	-8	10	-275	1	0
3848	SLV 1	1260	0	22.08	1.6	0	-3	-272	-16	-1
3854	SLV 1	1138	0	26.92	1.03	3	3	-271	-13	-3
2607	SLV 7	6519	-11.78	5.77	-6.14	-22	-74	-270	12	31
3899	SLU 7	961	-38.13	46.45	-5.7	53	-9	-269	-12	-6
5807	SLU 7	962	-38.06	-45.83	-5.64	58	2	-269	12	-6
6434	SLV 11	3840	-8.37	-0.15	90.43	-30	79	-266	31	153
1802	SLV X	6272	0	0.8	-0.22	-7	-12	-263	0	0
1810	SLV X	6227	0	-0.8	-0.22	-7	12	-262	0	0
2644	SLV 11	6524	-13.28	-3.45	-5.76	-12	81	-262	-22	27
6435	SLV 11	3828	10.16	-0.8	122.07	-74	131	-261	-2	143
3846	SLV 1	1321	0	19.45	1.9	-1	-4	-260	-17	1
3684	SLV 13	1204	-0.03	-48.37	5.48	0	6	-260	24	-3
5843	SLU 7	1019	1.78	-37.49	2.93	125	-27	-257	-75	20
5014	SLV Y	929	8.97	-2.17	40.78	-70	21	-253	-18	52
4690	SLV Y	919	8.99	2.18	40.76	-69	-21	-251	18	51
5050	SLV Y	929	4.54	5.09	40.07	-87	-76	-250	15	51
4654	SLV Y	919	4.55	-5.05	40.04	-87	76	-248	-15	51
3844	SLV 1	1382	0	16.72	2.09	-1	-4	-247	-17	0
3898	SLU 7	961	-38.16	50.33	-5.98	43	-12	-246	-35	-100
5806	SLU 7	962	-38.1	-49.87	-6.08	48	6	-246	34	-102
3851	SLV 1	1261	6.92	23.63	0.18	-2	-13	-246	-32	0
1801	SLV X	6277	0	0.96	-0.2	-7	-13	-246	0	0
1811	SLV X	6222	0	-0.97	-0.2	-7	13	-245	0	0
3853	SLV 1	1139	5.4	27.12	0.42	4	1	-245	-29	-1
3676	SLV 13	1020	-7.94	-47.6	4.7	42	-67	-244	-3	-26
3849	SLV 1	1322	7.16	21.01	0.33	-3	-17	-241	-32	0
3857	SLV 1	1018	5.41	31.52	2.16	46	42	-240	-29	-6
3686	SLU 7	1265	-0.01	-23.85	2.77	1	3	-238	20	0
3855	SLV 1	1078	4.1	28.65	0.94	12	34	-236	-29	-1
3842	SLV 1	1443	-0.01	14	2.22	-1	-4	-234	-17	0
3847	SLV 1	1383	7.21	18.22	0.47	-4	-19	-234	-32	1
3864	SLV 1	1079	-1.52	30.76	0	65	19	-231	40	6
3681	SLV 13	1142	8.55	-55.18	2.36	0	12	-231	44	-5
3683	SLV 13	1203	10.73	-51.48	2.94	-1	23	-229	48	-2
3856	SLV 1	1077	0.01	26.58	1.47	-5	11	-227	-12	-10
2038	SLV Y	6155	-0.01	-0.05	0.08	-35	74	-225	0	0
6309	SLV 11	3874	1.66	5.69	40.69	-20	42	-225	-12	94
2027	SLV Y	6154	-0.01	0.05	0.08	-35	-74	-225	0	0
1812	SLV X	6217	0	-1.11	-0.18	-7	15	-225	0	0
1800	SLV X	6282	0	1.11	-0.18	-7	-15	-224	0	0
3845	SLV 1	1444	7.13	15.46	0.58	-4	-20	-224	-31	1
3858	SLV 1	1017	-2.99	23.67	3.25	32	66	-222	0	-20
1841	SLV 1	6259	0.02	-0.33	-0.2	-7	-7	-222	-3	1
6441	SLV 7	3839	-2.85	-1.89	105.93	-38	-66	-222	0	131
3679	SLU 7	1019	9.46	-37.58	2.07	53	-44	-221	28	-7
1791	SLV 5	6322	-0.11	-0.9	-0.9	26	17	-221	1	0
3840	SLV 1	1504	-0.01	11.33	2.29	-1	-4	-221	-16	0
1842	SLV 1	6264	0.02	-0.5	-0.18	-7	-7	-220	-3	1
1840	SLV 1	6254	0.01	-0.16	-0.22	-8	-9	-220	-3	1
3688	SLU 7	1326	-0.01	-20.4	2.84	1	4	-219	21	0
3900	SLV 1	1022	-20.5	31	-0.62	85	-4	-218	26	10
3572	SLV 9	5450	0.08	-0.56	-3.9	-344	-291	-218	23	78
3865	SLV 1	1140	-5.59	28.14	-2.15	49	9	-218	41	6
3685	SLU 7	1264	8.93	-25.73	0.81	2	11	-217	40	0
3866	SLV 1	1201	-10.99	25.53	-3.18	42	-1	-217	38	5
3867	SLV 1	1201	-11.09	24.15	-4.17	44	-2	-216	38	4
1843	SLV 1	6269	0.01	-0.66	-0.16	-7	-9	-214	-3	1
1839	SLV 1	6249	0.01	0.02	-0.23	-8	-11	-214	-3	1
3843	SLV 1	1505	6.99	12.75	0.68	-4	-20	-214	-31	1
3868	SLV 1	1262	-16.87	21.19	-5.03	42	-5	-213	35	3
3585	SLV 9	5450	2.78	3.73	5.82	-253	-216	-213	14	4
5972	SLV 11	3805	-2.7	-31.52	147.83	-23	220	-210	7	-21
5844	SLU 7	1080	-7.02	-36.56	-0.69	126	-24	-209	-45	7
3869	SLV 1	1323	-23.1	18.21	-5.76	42	-7	-208	31	2
3838	SLV 1	1565	-0.01	8.75	2.33	-1	-4	-207	-16	0
3687	SLU 7	1325	8.99	-22.18	0.81	1	16	-207	39	0
2754	SLV 11	6460	-2.14	-8.69	10.32	-68	46	-206	-6	12
2702	SLV 7	6457	-4.78	8.53	10.22	-74	-31	-206	7	13
4834	SLU 7	924	-3.28	-2.26	-77.81	-49	8	-205	-3	-130
1838	SLV 1	6244	0.01	0.19	-0.24	-8	-12	-205	-3	1
4870	SLU 7	924	-9.18	15.17	-78.4	-85	-5	-205	-21	-117

Shell	Cont.	Nodo	Sollecitazione								
			Ind	Mxx	Mxy	Myy	Fxx	Fxy	Fyy	Vx	Vy
1844	SLV 1	6279		-0.01	-0.88	-0.4	-6	7	-204	-2	1
5969	SLV 7	3811		12.53	0.72	137.87	-59	-107	-204	-29	134
3568	SLV 9	5483		2.77	3.73	32.71	120	-170	-203	7	-51
3841	SLV 1	1566		6.81	10.12	0.77	-4	-19	-203	-30	1
3870	SLV 1	1384		-29.46	15.3	-6.36	44	-6	-201	28	2
5808	SLV 7	1023		-27.55	-37.55	-2.25	153	-5	-200	-27	11
1813	SLV X	6212		0	-1.24	-0.15	-6	16	-200	0	0
5944	SLV 11	3874		4.96	8.57	40.73	-9	46	-200	-5	90
1799	SLV X	6287		0	1.24	-0.15	-6	-17	-199	0	0
3690	SLV 7	1387		-0.01	-16.99	2.8	1	4	-197	20	0
6438	SLV 11	3855		5.45	2.76	65.07	-44	102	-197	-5	103
3901	SLV 1	1083		-21.44	26.85	-5.03	67	8	-196	25	7
1845	SLV 5	6279		0.02	-0.67	0.06	-3	-6	-195	-2	1
3836	SLV 1	1626		-0.01	6.27	2.35	-1	-4	-195	-15	0
3560	SLV 9	5470		3.24	-7.29	9.66	-70	256	-193	-15	-19
3871	SLV 1	1445		-35.71	12.52	-6.9	45	-5	-192	24	1
5845	SLV 7	1141		-10.42	-32.58	-3.03	109	-11	-192	-47	6
3689	SLV 7	1386		8.81	-18.66	0.81	0	19	-192	38	1
1837	SLV 1	6239		0.01	0.36	-0.24	-8	-14	-192	-3	1
3839	SLV 1	1627		6.62	7.59	0.85	-4	-19	-192	-29	1
4835	SLV 10	1015		60.4	3.39	-22.13	34	7	-191	-102	-68
1846	SLV 5	6284		0.02	-0.74	0.08	-3	-3	-190	-2	1
4871	SLV 10	1015		41.11	17.57	-24.06	71	-5	-189	82	-55
5846	SLV 9	1202		-40.55	-28.97	-4.3	97	-21	-186	-28	-2
3902	SLV 1	1144		-23.93	23.47	-7.24	58	-1	-184	24	6
2667	SLV 9	6380		-6.28	0	-50.3	121	4	-184	4	-44
3872	SLV 1	1567		-46.82	8.66	-5.39	48	-3	-184	18	0
2668	SLV 9	6380		-6.5	-1.45	-50.22	124	-7	-183	-6	-44
3834	SLV 1	1687		-0.01	3.89	2.37	-1	-3	-182	-15	0
2608	SLV 7	6557		-21.63	3.75	-1.67	-8	-62	-182	29	23
3837	SLV 1	1688		6.43	5.17	0.93	-4	-18	-181	-29	1
5847	SLV 7	1202		-15.37	-26.81	-4.72	103	4	-180	-44	4
3903	SLV 1	1205		-27.94	20.11	-8.43	48	-6	-180	23	5
1847	SLV 5	6289		0.02	-0.79	0.09	-2	0	-179	-2	1
1854	SLV X	6329		0.1	2.31	-0.38	3	-32	-179	5	1
3904	SLV 1	1266		-32.34	16.86	-9.02	43	-11	-176	21	5
6360	SLV 7	3873		1.13	-3.98	50.17	-18	-39	-176	12	110
1836	SLV 1	6234		0.01	0.53	-0.25	-8	-15	-176	-3	1
2666	SLV 9	6379		-7.42	2.56	-49.59	117	29	-175	12	-43
3873	SLV 1	1628		-51.61	6.25	-5.62	49	-1	-175	15	-1
3692	SLV 7	1448		-0.01	-13.74	2.68	1	4	-175	20	0
3691	SLV 7	1447		8.51	-15.28	0.79	0	20	-175	37	1
1824	SLV X	6174		-0.76	-1.35	0.37	-4	48	-175	3	1
3905	SLV 1	1327		-36.98	13.8	-9.3	41	-13	-173	18	5
5809	SLV 7	1084		-28.27	-32.09	-7.22	133	-8	-172	-27	7
5848	SLV 7	1263		-20.62	-22.81	-5.52	99	8	-171	-42	4
1814	SLV X	6207		0	-1.35	-0.11	-5	17	-171	0	0
2643	SLV 7	6560		-20.88	-3.26	-2.43	-3	77	-170	-28	20
3832	SLV 1	1748		-0.01	1.6	2.4	-1	-3	-170	-15	0
3835	SLV 1	1749		6.26	2.85	1.01	-4	-17	-170	-28	1
3906	SLV 1	1388		-41.64	10.98	-9.44	41	-13	-169	15	5
1798	SLV X	6292		0	1.35	-0.12	-5	-18	-168	0	0
3936	SLV 1	1085		-31.74	27.3	-10.18	73	-1	-168	9	6
6974	SLV Y	3822		1.21	4.18	-3.29	-32	32	-167	2	61
4906	SLV 7	925		-4.2	29.96	-72.4	-34	-12	-166	-3	-77
3874	SLV 1	1689		-55.71	3.98	-5.8	50	1	-166	12	-1
3907	SLV 1	1449		-46.17	8.43	-9.49	42	-12	-164	13	4
1848	SLV 5	6299		-0.01	-0.81	-0.15	-1	7	-164	-2	0
2709	SLV 7	6486		-5.96	7.27	4.5	-40	-47	-164	13	2
1835	Sisma liquame X_SLV	6229		0	0.46	-0.13	-3	-5	-163	0	0
4836	SLV 9	1137		93.61	7.1	10.17	52	-42	-163	-97	-39
2751	SLV 11	6492		-4.71	-7.45	4.96	-34	59	-161	-13	6
3937	SLV 1	1146		-34.08	22.52	-12.13	60	-6	-160	12	7
5849	SLV 7	1324		-26.36	-18.96	-6.17	98	11	-159	-39	3
3833	SLV 1	1810		6.09	0.61	1.08	-4	-16	-159	-28	1
2669	SLV 9	6381		-7	-3.63	-47.69	125	-29	-159	-12	-41
3908	SLV 1	1510		-50.44	6.13	-9.49	43	-10	-159	10	4
3830	SLV 1	1809		-0.01	-0.6	2.43	-1	-3	-158	-14	-1
1834	Sisma liquame X_SLV	6224		0	0.55	-0.12	-3	-5	-158	0	0
3693	SLV 9	1508		7.78	-13.1	1.06	-2	25	-158	34	3
3875	SLV 1	1750		-59.03	1.82	-5.94	51	3	-157	10	-2
6218	SLV 11	3855		3.55	0.52	64.78	-53	96	-156	-7	116
3566	SLV 5	5477		-0.02	-0.83	-14.34	-33	69	-156	-4	33
4872	SLV 9	1137		62.48	8.5	7.06	109	26	-154	78	-31
5810	SLV 7	1145		-30.99	-27.5	-9.53	124	3	-154	-27	6
3938	SLV 1	1146		-34.08	20.55	-12.27	60	-6	-153	11	5
4907	SLV 10	1014		7.23	28.05	-36.36	56	-19	-153	29	-51
3694	SLV 9	1509		-0.03	-11.34	3.11	0	4	-153	18	-1

Sollecitazioni con sforzo Fyy massimo

Vengono mostrati i soli 200 gusci più sollecitati.

Shell	Cont.	Nodo	Sollecitazione								
			Ind	Mxx	Mxy	Myy	Fxx	Fxy	Fyy	Vx	Vy
2036	SLV 1	6155		-0.78	-2.5	3.52	670	-790	1978	-9	16
1823	SLV 1	6174		0.58	1.62	-1.19	946	-1079	1957	-1	-3
2026	SLV 1	6154		-0.71	1.63	3.02	550	634	1549	6	13
1822	SLV 1	6172		-0.09	0.48	-1.01	704	796	1395	-1	-2
2045	SLV 2	6133		-0.4	0.31	5.85	170	-313	876	0	5
2038	SLV 1	6155		-0.9	-0.93	2.28	112	-235	820	-4	0
2035	SLV 3	6128		-0.27	-0.52	4.17	137	244	685	0	-2
2027	SLV 1	6154		-0.81	0.34	2.04	90	188	632	3	1
4654	SLV 1	919		38.34	0.11	-79.74	139	-217	546	-97	-53
4690	SLV 1	919		-2.34	-19.95	-84.53	74	21	541	-26	-66
5014	Sisma liquame Y_SLV	929		-6.77	-1.53	-41.55	146	-72	541	9	-67

Shell	Cont.	Nodo	Sollecitazione										
			Ind	N.br.	Ind	Mxx	Mxy	Myy	Fxx	Fxy	Fyy	Vx	Vy
5050	Sisma liquame Y_SLV	929				-9.25	-11.27	-41.43	164	119	533	-38	-69
1824	SLU 4	6174	0.95	0.43	1.57				166	-354	514	-9	7
2040	SLU 10	6139	-0.08	0.71	4.69				124	-218	456	-1	4
3552	SLV Y	5457	9.92	-2.08	-5.58				153	-170	419	-9	-2
1855	SLV 7	6329	-0.27	0.23	1.08				136	156	401	-6	-19
3571	SLV Y	5437	5.53	0.26	-10.16				411	45	380	-7	-15
2641	SLV 11	6594	-25.96	2.81	-11.57				-10	62	378	-47	31
2610	SLV 7	6593	-25.62	-2.5	-11.62				-13	-61	361	44	25
2043	SLU 1	6133	-0.42	1.04	6.1				51	-111	352	2	3
2028	SLU 10	6138	-0.07	-0.72	4.05				102	172	349	1	3
1807	SLV 3	6247	-0.01	0.16	0.01				7	6	347	1	0
1808	SLV 3	6242	-0.01	0.33	0				7	4	345	1	0
1806	SLV 3	6252	-0.01	-0.02	0.01				8	7	344	1	0
3554	SLV 7	5472	10.47	1.89	4.61				110	-100	343	-26	93
1809	SLV 3	6232	0.01	0.58	0.1				7	-7	341	2	0
1805	SLV 3	6257	-0.01	-0.19	0.01				8	9	338	1	0
5935	SLV 11	3827	6.32	-4.79	76.49				28	18	338	3	138
1810	SLV 3	6232	-0.01	0.65	-0.03				6	6	333	1	0
1804	SLV 3	6262	-0.01	-0.37	0.01				8	11	328	1	0
3572	SLV 7	5450	-2.15	1.31	5.01				333	331	328	-35	-87
1811	SLU 8	6227	-0.01	0.64	-0.23				4	6	325	2	0
1812	SLU 8	6222	-0.01	0.75	-0.25				3	4	324	2	0
1813	SLU 8	6217	-0.01	0.84	-0.27				3	2	320	3	0
3553	SLV 7	5457	4.15	-0.2	9.57				296	-144	316	-4	35
1825	SLU 8	6184	-0.01	0.98	-0.9				105	-109	315	-3	0
1803	SLV 3	6267	-0.01	-0.53	0.01				7	12	315	1	0
1814	SLU 8	6207	0.01	0.93	-0.14				2	-7	310	3	0
1802	SLV 3	6272	-0.01	-0.69	0				7	14	298	1	0
1815	SLU 8	6202	0.01	0.96	-0.2				2	-9	296	3	0
3570	SLV 7	5457	21.49	0.05	10.55				186	117	293	56	26
1839	SLV X	6249	0	-0.06	0.26				8	5	292	1	0
1840	SLV X	6259	0	0.24	0.25				8	-7	291	1	0
1838	SLV X	6244	0	-0.25	0.25				8	7	290	1	0
1841	SLV X	6264	0	0.43	0.25				8	-8	285	1	0
1837	SLV X	6239	0	-0.44	0.25				8	8	285	1	0
2041	SLU 1	6148	0.98	1.28	2.23				16	-101	282	2	4
3569	SLV 7	5472	13.47	0.06	5.51				55	104	280	38	90
1801	SLV 3	6277	-0.01	-0.84	-0.01				7	15	277	2	0
1842	SLV X	6269	0	0.62	0.24				8	-10	276	1	0
1836	SLV X	6234	0	-0.63	0.23				8	10	276	1	0
2034	SLU 4	6128	-0.3	-1.08	4.4				45	86	275	-1	-1
1816	SLU 8	6197	0.01	0.97	-0.25				2	-13	275	3	0
1790	SLV X	6327	-0.15	1.32	-0.24				66	-97	275	9	-25
1843	SLV X	6274	0	0.79	0.22				7	-12	263	0	0
1835	SLV X	6229	0	-0.8	0.22				7	12	263	0	0
6403	SLV 11	3827	6.75	4.7	78.7				71	69	260	7	108
5015	Sisma liquame Y_SLV	1006	-8.3	-1.04	-7.98				-19	-28	255	3	-8
4691	Sisma liquame Y_SLV	1005	-8.28	1.04	-7.98				-19	28	255	-3	-8
1821	SLO 13	6172	0.54	0.09	1.2				119	215	254	6	6
1800	SLV 7	6282	0	-0.67	-0.03				3	7	253	2	0
5051	Sisma liquame Y_SLV	1006	-7.77	0.85	-7.96				-18	48	250	-18	-6
4655	Sisma liquame Y_SLV	1005	-7.75	-0.85	-7.96				-18	-48	250	18	-6
1817	SLU 8	6192	0.01	0.94	-0.3				1	-13	247	3	0
2042	SLU 1	6140	0.55	1	4.55				74	-209	246	-1	1
1844	SLV X	6279	0	0.96	0.2				7	-13	246	0	0
1834	SLV X	6224	0	-0.97	0.2				7	13	246	0	0
6131	SLV 7	3791	6.57	9.29	120.76				202	45	243	-4	119
1799	SLV 7	6287	0	-0.75	-0.05				3	8	240	2	0
2039	SLU 1	6148	1	1.08	2.42				92	-198	238	1	10
5973	SLV 7	3791	10.62	-6.28	122.79				154	-50	235	-3	123
2640	SLV 11	6649	-19.76	5.16	-7.92				4	-39	226	-31	-27
1833	SLV X	6219	0	-1.11	0.17				7	15	225	0	0
1845	SLV X	6284	0	1.11	0.18				7	-15	225	0	0
1798	SLV 7	6292	0	-0.82	-0.08				3	10	223	2	0
2033	SLU 1	6145	0.68	-1.07	2.36				14	77	216	-2	3
2611	SLV 7	6650	-19.27	-5.31	-8				4	36	215	29	-32
6389	SLV 11	3827	21.25	0.17	72.57				39	33	213	1	98
1818	SLU 8	6187	0.01	0.88	-0.32				4	-21	212	3	0
5931	SLV 7	3826	7.17	-3.63	79.56				55	-44	210	-4	114
1820	SLU 8	6183	-2.02	0.71	0.29				-33	2	209	3	-6
4979	Sisma liquame Y_SLV	1008	-6.1	-1.42	-12.26				61	-84	208	8	-15
4727	Sisma liquame Y_SLV	1007	-6.1	1.42	-12.26				61	83	208	-8	-15
1826	SLU 8	6184	0.05	0.85	-0.31				-3	-59	206	-3	0
1797	SLV 7	6297	0	-0.86	-0.12				2	12	202	2	0
1832	SLV X	6214	0	-1.24	0.15				6	16	200	0	0
1846	SLV X	6289	0	1.24	0.15				6	-16	199	0	0
6380	SLV 7	3826	21.8	0.52	72.98				28	-17	197	1	99
3556	SLV Y	5471	-0.44	4.31	-4.93				87	-169	194	-5	9
3585	SLV 7	5450	-3.52	-0.7	-2.88				266	209	189	-15	0
4978	Sisma liquame Y_SLV	1008	-6.14	-0.91	-12.66				88	-118	188	13	-26
4726	Sisma liquame Y_SLV	1007	-6.13	0.91	-12.65				88	118	188	-13	-26
1819	SLU 8	6183	-2.14	0.74	-0.92				30	13	185	3	-2
2029	SLU 1	6137	0.39	-0.91	3.96				62	164	184	1	0
1854	SLV 7	6329	-0.27	-0.93	0.99				34	60	182	-2	-1
2037	SLV Y	6167	0.33	0.94	-1.05				50	7	178	-4	3
2032	SLU 1	6145	0.7	-0.88	2.49				75	155	177	-1	8
2031	SLV Y	6161	0.33	-0.93	-1.04				50	-7	177	4	3
1791	SLV X	6327	-0.13	2.36	-0.04				-1	-29	177	4	0
6361	SLV 9	3839	-1.99	-1.98	11.55				35	56	177	17	88
1827	SLU 8	6193	-1.54	0.9	-0.24				0	-19	177	-3	-1
1796	SLV 7	6302	-0.01	-0.89	-0.17				2	15	176	2	0

Shell	Cont.	Nodo	Sollecitazione								
			Mxx	Mxy	Myy	Fxx	Fxy	Fyy	Vx	Vy	
5966	SLV 11	3792	14.93	4.66	115.75	134	95	173	13	116	
5052	Sisma liquame Y_SLV	1067	-3.9	0.19	-4.44	-1	24	172	-4	-6	
4656	Sisma liquame Y_SLV	1066	-3.89	-0.19	-4.44	-2	-24	172	4	-6	
5016	Sisma liquame Y_SLV	1067	-3.88	-0.16	-4.43	-6	-4	172	-2	-6	
4692	Sisma liquame Y_SLV	1066	-3.87	0.16	-4.43	-6	4	172	2	-6	
1831	SLV X	6209	0	-1.35	0.11	5	17	171	0	0	
5087	Sisma liquame Y_SLV	1004	0.42	-1.29	-9.84	69	89	171	-6	-10	
4619	Sisma liquame Y_SLV	1003	0.42	1.29	-9.84	69	-89	171	6	-10	
1828	SLU 8	6198	-1.64	0.94	-0.3	8	-11	170	-3	-1	
1847	SLV X	6294	0	1.35	0.12	5	-18	169	0	0	
6974	SLV 9	3822	-1.51	-3.78	3.15	28	-30	168	2	-76	
1829	SLU 8	6203	-1.73	0.96	-0.31	5	-9	166	-3	-1	
3557	SLV Y	5471	-0.44	5.42	-4.88	48	-151	165	5	47	
6395	SLV 7	3827	4.82	-4.11	70.86	36	15	164	4	99	
3579	SLV 7	5487	1.08	-0.54	8.69	191	97	164	-12	-15	
1830	SLU 8	6208	-1.8	0.93	-0.28	6	-7	161	-3	-1	
3810	SLV 15	2420	0.01	-9.67	2.27	0	0	160	-9	1	
3812	SLV 15	2359	0.01	-8.38	1.93	0	0	159	-8	1	
3808	SLV 15	2481	0.01	-11.12	2.59	0	0	159	-9	0	
6126	SLV 7	3860	13.4	-0.54	33.54	-3	8	157	0	78	
3814	SLV 15	2298	0.01	-7.24	1.59	0	-1	157	-8	1	
4980	Sisma liquame Y_SLV	1069	-4.86	-1.14	-4.53	9	-43	156	3	-7	
4728	Sisma liquame Y_SLV	1068	-4.85	1.14	-4.53	9	42	155	-3	-7	
3806	SLV 15	2542	0.02	-12.7	2.87	0	1	155	-9	0	
4902	SLU 4	2907	9.47	-8.77	4.09	-28	7	155	16	-1	
4901	SLU 1	2846	4.65	-8.95	2.35	-21	13	155	10	-8	
3816	SLV 15	2237	0	-6.25	1.28	0	-1	153	-8	0	
3804	SLV 15	2603	0.02	-14.37	3.05	0	2	150	-9	0	
4900	SLU 1	2785	2.06	-9.12	0.72	-7	18	149	8	-11	
4866	SLU 4	2907	38.77	-7.61	7.02	-86	-4	149	-30	7	
3584	SLV 7	5465	-4.44	-3.62	-3.42	141	184	148	-1	9	
4865	SLU 1	2846	41.7	-7.9	6.05	-87	-10	148	-26	0	
3818	SLV 15	2176	0	-5.39	0.99	0	-1	148	-8	0	
1795	SLV 11	6307	-0.01	-0.46	-0.28	0	14	147	2	0	
4903	SLU 3	2968	12.97	-8.34	5.54	-32	2	143	24	10	
3820	SLV 15	2176	0	-5	0.97	0	-1	142	-8	0	
3802	SLV 13	2664	0.01	-16.47	3.23	0	1	142	-9	1	
4864	SLU 1	2785	47.21	-7.85	5.23	-80	-15	142	-26	-3	
3813	SLV 15	2421	3.79	-8.98	1.59	0	4	141	-17	-1	
3811	SLV 15	2482	3.95	-10.37	1.81	0	6	141	-17	0	
3815	SLV 15	2360	3.61	-7.76	1.35	0	2	140	-17	-1	
3885	SLV 15	2361	-21.23	-7.39	-2.38	79	-10	140	14	0	
4899	SLU 1	2724	-0.16	-9.03	-0.58	7	21	140	6	-13	
3568	SLV 7	5483	-3.29	-1.65	-24.32	29	145	140	-6	39	
3884	SLV 15	2300	-21.74	-6.43	-2.45	79	-11	140	14	1	
3886	SLV 15	2422	-20.34	-8.52	-2.28	79	-9	139	14	0	
4797	SLU 3	3118	-6.15	7.19	-27.81	-66	-9	139	0	26	
6719	SLV 13	366	34.21	-13.13	9.99	-66	-116	139	-58	-37	
3809	SLV 15	2543	4.06	-11.92	2	0	8	139	-17	-1	
4867	SLU 4	3029	26	-6.13	2.37	-80	8	138	-35	18	
6376	SLV 11	3859	12.92	-0.78	33.74	10	44	138	0	78	
4725	SLU 3	3117	-4.14	7.32	-21.78	-73	-6	138	1	15	
4761	SLU 3	3117	-5.52	7.26	-21.92	-70	-7	138	1	15	
3817	SLV 15	2299	3.45	-6.7	1.12	0	0	138	-17	-1	
6397	SLV 7	3790	15.97	-2.57	119.13	83	-71	138	-13	120	
3883	SLV 15	2239	-21.92	-5.61	-2.49	78	-12	137	15	1	
6394	SLV 11	3827	5.95	4.28	71.13	63	74	137	1	100	
3887	SLV 15	2483	-19.03	-9.81	-2.16	79	-8	137	13	0	
5088	Sisma liquame Y_SLV	1065	-1.44	0.22	-4.33	11	54	136	-4	-4	
4689	SLU 1	3116	-4.23	6.93	-19.16	-90	-3	136	2	10	
4620	Sisma liquame Y_SLV	1064	-1.43	-0.22	-4.32	11	-54	136	4	-4	
4653	SLU 1	3115	-4.55	6.79	-15.09	-91	0	136	2	7	
6967	SLV 11	3901	-4.93	2.5	1.09	15	2	136	15	46	
3800	SLV 13	2725	0.01	-17.95	2.88	0	2	136	-8	2	
4581	SLU 1	3113	-4.94	6.47	-9.08	-97	6	135	4	2	
4617	SLU 1	3114	-4.03	6.85	-11.58	-93	2	135	2	3	
3822	SLV 15	2115	0	-4.29	0.73	0	-1	135	-8	0	
4833	SLU 3	3086	-2.15	6.17	-15.24	-65	-23	135	-12	41	
3807	SLV 15	2604	4.09	-13.59	2.14	0	11	134	-17	-1	
1848	SLV X	6299	0	1.43	0.09	5	-20	134	0	0	
4545	SLU 1	3112	-4.96	6.35	-6.55	-99	11	134	4	0	
3819	SLV 15	2238	3.3	-5.78	0.9	0	-1	134	-17	-1	
4829	SLU 4	2905	24.75	-2.94	5.12	-76	-12	134	-23	7	
4796	SLU 3	3084	-3.6	8.53	-16.07	-75	-11	134	-4	21	
3882	SLV 15	2178	-21.83	-4.91	-2.52	78	-12	134	16	1	
1853	SLV 3	6319	0	-1.63	-0.17	15	30	133	-2	1	
4724	SLU 3	3082	-4.37	9.84	-14.93	-74	-6	133	2	14	
4760	SLU 3	3084	-4.02	9.15	-16.11	-73	-9	133	0	19	
3888	SLV 15	2544	-17.23	-11.27	-2.02	78	-7	133	13	0	
4830	SLU 4	2905	24.83	-2.57	5.83	-76	-6	133	-24	10	
2688	SLV 9	6426	-5.03	1.23	-2.23	90	-64	132	9	6	
4509	SLU 1	3111	-5.34	6.18	-4.4	-101	18	132	6	-1	
4937	SLU 4	2906	1.44	-7.96	3.47	-22	17	132	11	0	
1792	SLV X	6317	-0.01	1.83	-0.23	16	-37	132	0	1	
4863	SLU 1	2724	53.11	-7.63	4.75	-73	-19	132	-28	-5	
2787	SLV 11	6621	-9.93	5.68	-14.88	57	-16	132	-30	-11	
5017	Sisma liquame Y_SLV	1128	-2.84	-0.32	-1.64	-5	-1	132	-1	-4	
4688	SLU 4	3080	-4.53	9.51	-13.35	-80	-1	132	2	9	

Shell	Cont.	Nodo	Sollecitazione										
			Ind	N.br.	Ind	Mxx	Mxy	Myy	Fxx	Fxy	Fyy	Vx	Vy
4693	Sisma liquame Y_SLV	1127				-2.83	0.32	-1.64	-5	1	132	1	-4
6402	SLV 11	3825				20.22	-1.71	72.5	47	70	131	0	97
5917	SLV 9	3777				1.94	6.7	48.14	37	54	131	15	48
5053	Sisma liquame Y_SLV	1128				-2.81	-0.02	-1.64	-5	18	131	-3	-4
4657	Sisma liquame Y_SLV	1127				-2.8	0.02	-1.64	-5	-18	130	3	-4
4898	SLU 1	2663				-1.92	-8.73	-1.57	21	24	130	6	-14
6386	SLV 7	3826				6.46	-3.03	72.06	54	-60	130	1	101
4652	SLU 1	3078				-4.5	8.97	-11.98	-88	4	130	2	7
4936	SLU 1	2845				-0.65	-7.5	2.71	-16	21	130	8	-1
4977	SLU 3	3124				-4.97	-6.82	-10.78	-67	15	130	-4	9

1.6 Sollecitazioni estreme pareti

Shell: elemento guscio a cui si riferiscono le sollecitazioni.

Ind: indice del guscio.

Cont.: contesto a cui si riferiscono le sollecitazioni.

N.br.: nome breve della condizione o combinazione di carico.

Nodo: nodo su cui si basa il guscio a cui si riferisce la sollecitazione.

Ind: indice del nodo.

Sollecitazione: valori della sollecitazione.

Moo: componente Moo della sollecitazione del guscio nel nodo indicato. [kN*m/m]

Moz: componente Moz della sollecitazione del guscio nel nodo indicato. [kN*m/m]

Mzz: componente Mzz della sollecitazione del guscio nel nodo indicato. [kN*m/m]

Foo: componente Foo della sollecitazione del guscio nel nodo indicato. [kN/m]

Foz: componente Foz della sollecitazione del guscio nel nodo indicato. [kN/m]

Fzz: componente Fzz della sollecitazione del guscio nel nodo indicato. [kN/m]

Vo: componente Vo della sollecitazione del guscio nel nodo indicato. [kN/m]

Vz: componente Vz della sollecitazione del guscio nel nodo indicato. [kN/m]

Sollecitazioni con momento Moo minimo

Vengono mostrati i soli 200 gusci più sollecitati.

Shell Ind	Cont. N.br.	Nodo Ind	Sollecitazione								
			Moo	Moz	Mzz	Foo	Foz	Fzz	Vo	Vz	
1581	SLV 15	6408	-235.7	-29.82	-7.19	517	54	16	153	24	
1580	SLV 15	5959	-213.61	-36.47	-8.42	207	6	0	124	-5	
3545	SLV 7	5438	-192.9	21.84	-36.15	1022	99	205	-564	143	
1579	SLV 15	5653	-189.8	-38.67	-15.51	121	-21	-47	105	8	
2291	SLV 5	5438	-186.72	-14.1	-48.51	-1213	-168	-401	400	147	
3158	SLU 3	6072	-183.41	-7.88	-1	51	24	-3	-92	-31	
3159	SLU 3	5866	-177.65	-7.76	-15.43	140	37	-5	-97	-4	
1578	SLV 15	5333	-168.47	-38.9	-12.8	112	-32	-43	91	3	
3160	SLU 4	5550	-167.87	-7.24	-13.07	108	60	-12	-87	-8	
2324	SLV 5	5438	-164.12	45.61	10.03	-1069	191	-428	267	-33	
1571	SLV 15	6407	-158.75	-16.63	1.81	383	19	8	98	-22	
3161	SLU 4	5229	-158.65	-5.83	-11.7	102	81	12	-83	-10	
3162	SLU 4	4954	-151.09	-4.63	-9.82	105	95	53	-86	-10	
1570	SLV 15	5961	-150.9	-20.66	-10.72	283	11	35	97	5	
1577	SLV 15	5090	-150.58	-38.83	-10.21	105	-38	7	87	1	
3163	SLU 4	4713	-143.58	-3.53	-8.26	110	101	107	-91	-8	
3145	SLU 3	6127	-139.31	-16.06	0.12	146	31	-6	-81	-18	
1569	SLV 15	5655	-138.23	-22.99	-14.82	180	-33	26	89	18	
3164	SLU 1	4448	-134.44	-2.62	-6.72	115	100	165	-95	-3	
1576	SLV 15	4818	-133.63	-37.85	-7.77	106	-43	21	86	2	
3146	SLU 3	5868	-131.48	-14.84	-12.61	150	67	-11	-77	3	
1239	SLV 7	6352	-129.97	0.26	-2.2	96	-2	-1	-98	-12	
1129	SLV 7	6352	-129.82	4.28	-2.09	83	0	0	68	-18	
3147	SLU 3	5555	-125.48	-13.97	-16.33	149	101	8	-77	15	
1568	SLV 15	5335	-124.21	-24.1	-14.27	141	-52	8	83	25	
1093	SLV 7	5958	-123.43	4.52	-15.01	112	5	-3	68	11	
1238	SLV 7	5958	-123.27	1.13	-11.35	88	2	-4	-96	4	
3165	SLU 1	4184	-122.14	-2.03	-5.23	106	83	218	-96	4	
3148	SLU 3	5234	-118.13	-12.83	-15.37	129	130	18	-77	19	
1575	SLV 15	4549	-115.9	-35.64	-5.2	105	-46	47	87	4	
1057	SLV 7	5652	-114.98	4.36	-14.63	95	5	-14	59	15	
1237	SLV 7	5652	-114.83	0.6	-11.18	60	9	-20	-89	6	
3149	SLU 4	4972	-109.54	-12	-13.62	124	152	31	-77	21	
1379	SLV 7	6367	-109.17	18.12	2.82	540	39	-12	171	89	
1567	SLV 15	5094	-109.15	-23.99	-11.53	127	-63	4	77	28	
1561	SLV 15	6406	-108.9	-9.29	-0.45	353	1	3	77	-12	
1021	SLV 7	5332	-107.18	2.97	-13.99	98	3	-2	56	18	
1236	SLV 7	5332	-106.93	-0.46	-9.82	56	14	-14	-86	5	
3166	SLU 1	3601	-105.56	-1.74	-3.71	95	61	256	-90	11	
1560	SLV 15	5963	-102.23	-11.34	-9.21	296	-5	10	75	2	
985	SLV 11	5087	-101.06	-3.16	-13.04	104	23	23	65	21	
1235	SLV 11	5087	-100.67	-5.94	-7.58	68	39	-8	-89	1	
3150	SLU 4	4719	-99.96	-11.97	-11.39	119	164	48	-78	23	
3132	SLU 3	6135	-99.7	-22.68	-0.05	221	24	0	-66	-13	
1441	SLV 11	6393	-98.04	-16.43	3.16	663	-43	-7	-155	83	
1574	SLV 15	4267	-96.05	-31.89	-2.27	103	-47	77	87	9	
1130	SLV 7	6348	-95.58	11.74	0.46	99	-1	-6	55	-16	
949	SLV 11	4817	-94.89	-4.03	-11.88	110	26	38	68	25	
1234	SLV 11	4817	-94.45	-7.69	-6.06	73	45	5	90	2	
1559	SLV 15	5657	-94.13	-12.26	-11.54	229	-29	17	72	12	
3133	SLU 3	5873	-94.1	-21.07	-8.61	192	67	-10	-65	-2	
1566	SLV 15	4821	-93.27	-22.35	-8.2	119	-70	0	73	30	
1094	SLV 7	5956	-89.45	11.14	-9.05	101	3	-10	52	-2	
3151	SLU 4	4456	-89.21	-12.74	-8.8	109	163	67	-78	25	
3134	SLU 3	5558	-88.04	-20.5	-12.03	176	102	-17	-65	7	
913	SLV 11	4548	-86.11	-4.61	-10.27	113	29	61	70	29	
1233	SLV 11	4548	-85.63	-9.63	-4.29	77	49	41	-89	5	
3167	SLU 1	3326	-84.53	-1.53	-2.77	60	14	255	-74	17	
1058	SLV 7	5650	-84.51	10.79	-11.82	102	1	-5	51	6	
1558	SLV 15	5340	-84.07	-12.24	-9.96	178	-52	8	68	18	
2071	SLV 7	6338	-83.15	2.11	-9.26	-78	0	-11	-158	64	
3180	SLV 1	6408	-82.97	20.13	0.6	41	19	14	76	-31	
1249	SLV 7	6353	-81.75	-6.06	0.48	101	3	-4	-78	-12	
3135	SLU 3	5240	-81.19	-20.32	-11.37	159	128	-18	-64	13	
1022	SLV 7	5330	-78.46	10.02	-10.99	99	-1	-6	49	8	
1210	SLU 8	952	-78.16	57.32	-30.18	-697	24	-719	139	-88	
1582	SLV 7	6393	-77.99	5.13	5.87	453	-69	-29	86	95	
3152	SLU 1	4186	-77.12	-14.15	-5.79	88	143	85	-75	24	
1248	SLU 7	5960	-77.05	8.85	-5.07	119	4	6	-56	0	
1565	SLV 15	4551	-76.32	-18.84	-4.33	113	-72	2	69	34	
1551	SLV 13	6405	-75.45	-11.35	0.08	348	-3	0	47	-12	

Shell	Cont.	Nodo	Sollecitazione								
			Ind	Moo	Moz	Mzz	Foo	Foz	Fzz	Vo	Vz
1782	SLV 11	6367	-74.28	-3.27	6.3	484	73	-19	-85	100	
96	SLV Y	6095	-73.85	6	-0.62	-40	-22	-2	99	40	
74	SLV X	6072	-73.71	14.93	-3.34	-245	33	-7	-55	18	
3037	SLU 1	919	-73.65	2.28	-24.2	70	-141	-82	211	14	
877	SLV 11	4266	-73.53	-4.65	-7.93	110	29	86	70	34	
1232	SLV 11	4266	-73.06	-11.41	-2.11	79	52	67	-84	11	
3136	SLU 3	4989	-73.05	-20.58	-8.8	143	148	-27	-63	15	
1247	SLU 7	5654	-72.51	9.61	-7.45	91	25	5	-55	8	
1557	SLV 15	5096	-72.49	-11.12	-6.18	149	-63	-8	63	21	
3521	SLU 1	952	-72.35	61.83	-32.24	-465	-86	-690	-140	-65	
554	SLV Y	6104	-72.26	-7.04	-1.79	-38	19	-3	-91	40	
1573	SLV 15	3687	-71.55	-26.13	1.13	95	-47	120	77	24	
986	SLV 7	5085	-71.14	9.28	-9.42	104	-2	-10	47	10	
3546	SLV 5	5154	-71	2.99	-8.95	-503	-244	-324	-187	37	
1550	SLV 13	5965	-70.38	-12.66	-7.73	301	-11	2	46	0	
3179	SLV 1	5959	-67.75	22.57	-16.42	-37	4	12	58	28	
3538	SLV 7	5458	-67.69	-1.77	2.89	545	233	85	-209	0	
1246	SLU 3	5334	-67.63	10.51	-7.02	83	50	0	-56	12	
1131	SLV 7	6343	-67.51	17.03	-0.12	104	-1	-1	44	-10	
3420	SLV 15	6226	-67.11	30.86	0	178	-7	-2	-3	-17	
3410	SLV 15	6226	-67.1	27.18	0	165	-7	-3	-3	-17	
3400	SLV 15	6231	-67.07	19.75	0	150	-6	-3	-2	-17	
3119	SLU 3	6143	-67.05	-27.85	0	285	23	-2	-54	-10	
3430	SLV 15	6221	-67.02	38.15	0	195	-8	-2	-4	-17	
3390	SLV 15	6236	-66.98	12.27	0	136	-5	-3	-2	-17	
3380	SLV 15	6241	-66.89	4.75	0	123	-4	-3	0	-17	
3340	SLV 15	6261	-66.83	-25.27	0	78	-2	-3	2	-17	
3370	SLV 15	6246	-66.82	-2.8	0	110	-4	-3	0	-17	
3350	SLV 15	6256	-66.82	-17.82	0	88	-2	-3	1	-17	
3360	SLV 15	6256	-66.81	-14.08	0	97	-4	-2	1	-17	
3330	SLV 15	6266	-66.78	-32.64	0	69	-1	-3	2	-17	
3440	SLV 13	6216	-66.72	45.24	0	218	-10	-1	-4	-17	
3320	SLV 15	6271	-66.61	-39.88	0	62	-2	-3	3	-17	
3310	SLV 15	6276	-66.19	-46.94	0	57	-2	-3	3	-16	
3450	SLV 13	6211	-66.16	52.16	0	239	-11	-1	-4	-16	
85	SLU 3	6084	-65.63	10.34	-0.02	51	-2	-3	4	-11	
86	SLU 3	6084	-65.53	8.82	0.01	47	-2	-3	0	-11	
564	SLU 3	6114	-65.53	-7.93	-0.05	70	1	-3	-2	-12	
563	SLU 3	6114	-65.45	-6.26	0.01	68	1	-4	3	-12	
3300	SLV 15	6281	-65.37	-53.75	0	51	-1	-3	3	-16	
87	SLU 3	6085	-65.3	5.74	0	41	-2	-4	-5	-11	
3460	SLV 13	6206	-65.11	58.81	0	261	-11	-1	-4	-16	
565	SLU 3	6115	-64.78	-11.15	-0.05	71	0	-4	-6	-12	
3006	SLU 1	929	-64.52	-1.11	-14.75	156	113	-51	-184	3	
1549	SLV 13	5659	-64.25	-13.19	-10.69	247	-26	3	45	10	
3290	SLV 15	6286	-63.96	-60.22	0	47	-1	-3	3	-16	
1444	SLV 11	3805	-63.92	-51.64	-139.83	-82	-101	-55	-259	-538	
562	SLU 3	6113	-63.81	-2.91	-0.02	64	2	-4	8	-12	
3153	SLU 1	3605	-63.79	-15.82	-2.69	44	92	96	-68	20	
3137	SLU 3	4730	-63.69	-21.47	-5.6	130	161	-34	-62	17	
84	SLU 3	6083	-63.68	13.23	-0.03	54	-1	-3	9	-11	
443	SLU 3	6041	-63.48	8.92	-5.66	44	-5	-11	-1	-15	
3470	SLV 13	6201	-63.37	65.09	0	284	-12	-1	-3	-15	
1095	SLV 7	5954	-63.36	16.16	-6.71	105	-3	-6	43	-2	
444	SLU 3	6041	-63.35	10.41	-5.66	47	-5	-11	4	-15	
442	SLU 3	6038	-63.07	5.87	-5.82	39	-6	-11	-5	-15	
743	SLU 3	5993	-63.03	-6.47	-6.59	62	3	-12	3	-15	
748	SLU 3	5993	-63	-8.09	-6.65	64	3	-12	-1	-16	
88	SLU 3	6086	-62.86	2.66	-0.01	34	-2	-3	-10	-11	
950	SLV 7	4815	-62.55	9	-7.46	107	1	-2	46	12	
3120	SLU 3	5876	-62.46	-26.55	-6.92	239	63	-13	-54	0	
589	SLU 3	5999	-62.37	-11.28	-6.32	66	1	-12	-6	-15	
1245	SLU 3	5093	-61.9	9.25	-5.41	83	64	0	-57	14	
3280	SLV 15	6291	-61.68	-66.24	0	44	-1	-3	-8	-15	
380	SLU 3	6048	-61.53	13.27	-5.28	50	-3	-11	8	-15	
566	SLU 3	6116	-61.52	-14.1	-0.01	71	0	-4	-11	-11	
439	SLU 3	5724	-61.4	10.6	-13.08	45	-9	-19	4	-18	
738	SLU 3	5985	-61.3	-3.15	-6.76	60	4	-12	8	-16	
438	SLU 3	5724	-61.26	9.08	-13.06	42	-10	-19	0	-18	
1962	SLU 1	5763	-61.07	-4.1	-56.94	33	-43	-129	96	94	
3419	SLV 15	5909	-60.94	34.58	-10.76	155	-20	-8	-3	-7	
3429	SLV 15	5909	-60.94	38.21	-10.76	164	-21	-7	-3	-7	
3409	SLV 15	5911	-60.93	27.23	-10.87	143	-19	-8	-3	-6	
437	SLU 3	5726	-60.93	5.95	-13.11	36	-11	-19	-5	-18	
73	SLV X	5866	-60.89	17.69	-3.07	-62	16	-8	-35	6	
3399	SLV 15	5913	-60.83	19.78	-10.94	131	-17	-8	-2	-6	
3439	SLV 13	5907	-60.78	45.32	-10.59	181	-29	-7	-4	-7	
3389	SLV 15	5915	-60.69	12.29	-10.98	120	-15	-8	-2	-6	
742	SLU 3	5679	-60.69	-6.73	-15.06	58	6	-20	3	-18	
747	SLU 3	5679	-60.67	-8.39	-15.13	60	5	-20	-1	-18	
3480	SLV 13	6196	-60.66	70.85	-0.01	306	-12	-1	9	-14	
441	SLU 3	6044	-60.62	2.85	-5.67	32	-7	-10	-9	-15	
3339	SLV 15	5927	-60.62	-29.02	-10.83	71	-8	-7	2	-6	
3329	SLV 15	5927	-60.62	-32.7	-10.83	66	-7	-7	2	-6	
3349	SLV 15	5925	-60.59	-21.59	-10.92	79	-9	-7	1	-6	
3379	SLV 15	5917	-60.58	4.76	-11	109	-13	-7	0	-6	
3319	SLV 15	5929	-60.56	-39.96	-10.69	61	-6	-7	3	-7	
2081	SLV 7	5437	-60.55	9.93	10.49	599	-92	66	-141	51	
3359	SLV 15	5923	-60.53	-14.1	-10.96	87	-10	-7	1	-6	
3168	SLU 1	872	-60.5	-1.25	-2.93	29	-20	229	-52	24	
3369	SLV 15	5919	-60.5	-2.8	-11	99	-11	-7	0	-6	
3449	SLV 13	5905	-60.4	52.28	-10.36	197	-31	-7	-4	-7	
3309	SLV 15	5931	-60.31	-47.05	-10.48	56	-5	-8	3	-7	
599	SLU 3	5684	-60.13	-11.71	-14.58	62	3	-21	-6	-18	
1215	SLV 3	952	-60.07	9.38	-110.81	-286	-17	-84	133	166	
561	SLU 3	6112	-59.72	0.42	-0.02	59	2	-4	13	-12	
3299	SLV 15	5933	-59.71	-53.89	-10.18	52	-4	-8	3	-7	
1556	SLV 15	4823	-59.66	-8.6	-1.08	132	-68	-24	58	24	
370	SLU 3	5722	-59.66	13.57	-12.63	48	-6	-20	9	-18	

Shell	Cont.	Nodo	Sollecitazione								
			Ind	Moo	Moz	Mzz	Foo	Foz	Fzz	Vo	Vz
3459	SLV 13	5903	-59.59	58.96	-10.02	214	-32	-7	-3	-8	
83	SLU 3	6082	-59.37	15.83	-0.02	55	0	-3	14	-10	
590	SLU 3	6005	-59.32	-14.18	-5.76	66	-1	-12	-11	-15	
434	SLU 3	5424	-59.17	10.94	-22.33	43	-13	-28	4	-18	
433	SLU 3	5424	-59.06	9.32	-22.31	40	-14	-29	-1	-18	
737	SLU 3	5674	-59.01	-3.33	-15.27	55	7	-20	8	-18	
1059	SLV 7	5648	-58.86	16.06	-9.8	105	-4	-10	41	5	
432	SLU 3	5427	-58.78	5.98	-22.4	35	-16	-28	-5	-18	
436	SLU 3	5740	-58.66	2.95	-12.81	31	-12	-18	-9	-18	
3289	SLV 15	5935	-58.6	-60.39	-9.74	48	-3	-8	3	-8	
746	SLU 3	5255	-58.24	-8.76	-25.26	56	8	-29	-1	-18	
741	SLU 3	5255	-58.21	-6.97	-25.16	54	9	-30	3	-18	
3270	SLV 15	6296	-58.19	-71.67	-0.01	42	0	-3	-11	-14	
3469	SLV 13	5901	-58.18	65.28	-9.52	230	-32	-7	-3	-8	
89	SLU 3	6087	-58.12	-0.34	-0.01	25	-3	-4	-14	-11	
1564	SLV 15	4269	-58.04	-13.26	0.72	108	-70	-2	63	40	
2085	SLV X	6336	-57.78	-5.54	-10.37	183	30	33	102	65	
609	SLU 3	5258	-57.67	-12.42	-24.58	59	6	-30	-6	-18	
360	SLU 3	5422	-57.64	14.18	-21.76	48	-10	-29	8	-19	
381	SLU 3	6056	-57.59	15.79	-4.57	52	-1	-11	14	-14	
600	SLU 3	5691	-57.29	-14.75	-13.59	64	1	-21	-11	-18	
733	SLU 3	5986	-57.27	0.05	-6.62	56	5	-12	13	-16	
3121	SLU 3	5561	-57.12	-26.39	-9.52	208	97	-28	-53	9	
1548	SLV 13	5342	-56.83	-13.07	-9.58	199	-42	-3	43	17	
1688	SLV 7	5482	-56.79	-0.46	-114.45	-17	-38	99	90	-168	
3279	SLV 15	5937	-56.72	-66.44	-9.13	46	-2	-8	-7	-8	
3490	SLV 13	6191	-56.66	75.94	-0.01	327	-11	-1	12	-13	
736	SLU 3	5244	-56.65	-3.33	-25.28	51	10	-29	8	-18	
841	SLU 3	3686	-56.61	14.79	-5.62	105	26	109	67	50	
431	SLU 3	5426	-56.49	2.8	-22.14	30	-17	-27	-9	-18	

Sollecitazioni con momento Moo massimo

Vengono mostrati i soli 200 gusci più sollecitati.

Shell	Cont.	Nodo	Sollecitazione								
			Ind	Moo	Moz	Mzz	Foo	Foz	Fzz	Vo	Vz
575	SLV 13	6126	252.96	27.16	8.61	493	68	16	-153	-19	
1169	SLV 13	6126	252.1	38.93	-1.02	-79	56	-30	174	73	
3180	SLV 15	6408	234.34	-40.49	0.34	-121	-42	-27	-159	74	
576	SLV 15	5867	229.98	33	18.62	190	45	0	-124	-18	
1174	SLV 15	5867	229.52	43.23	35.27	152	41	-31	155	-33	
3179	SLV 15	5959	214.17	-45.95	41.02	124	3	-27	-149	-50	
577	SLV 15	5551	203.94	33.8	26.85	112	40	-21	-102	-42	
1179	SLV 15	5551	203.12	44.5	21.08	109	49	-35	118	-13	
3178	SLV 15	5653	190.05	-48.53	28.28	99	18	-35	-115	-40	
74	SLU 3	6072	184.06	-3.82	5.11	124	-21	9	97	11	
578	SLV 15	5230	180.63	33.21	24.13	108	37	40	-86	-45	
1184	SLV 15	5230	180.01	42.55	17.97	91	63	-16	104	-13	
73	SLU 3	5866	178.28	-3.79	22.88	107	-36	12	102	-22	
574	SLV 15	6125	176.19	12.71	-1.58	299	38	6	-97	25	
1168	SLV 15	6134	172.87	57.99	0.52	92	43	-16	123	30	
3177	SLV 15	5333	169.32	-47.52	25.77	89	21	-26	-101	-45	
72	SLU 3	5550	168.94	-2.7	26.34	79	-49	10	96	-37	
598	SLV 15	5875	167.84	15.66	13.51	228	65	36	-94	-3	
579	SLV 15	4955	160.76	32.56	21.31	104	42	77	-80	-48	
1189	SLV 15	4955	160.06	41.24	14.34	88	75	51	98	7	
71	SLU 3	5229	159.85	-1.94	25.35	82	-53	40	91	-44	
3190	SLV 15	6349	157.24	-59.92	0.14	14	-16	-19	-116	32	
1173	SLV 15	5869	156.86	58.73	22.55	108	74	-45	110	-13	
608	SLV 15	5560	155.17	16.85	17.46	136	49	35	-87	-15	
70	SLU 4	4954	152.38	-0.93	23.46	87	-59	85	93	-49	
3176	SLV 15	5090	151.54	-46.97	22.85	90	25	-3	-96	-48	
554	SLU 3	6104	147.71	20.16	5.65	276	-62	-3	243	-138	
1178	SLV 15	5556	145.58	59.34	23.63	131	87	-22	105	-28	
69	SLU 4	4713	144.79	0.5	20.39	99	-59	141	96	-53	
580	SLU 4	4714	143.85	-0.53	19.44	99	54	139	-94	-50	
1194	SLU 4	4714	142.78	3.51	8.38	109	97	107	91	8	
3189	SLV 15	5957	141.65	-61.41	20.9	38	-3	-52	-102	-6	
618	SLV 15	5238	140.65	17.26	15.33	109	38	32	-79	-21	
75	SLU 4	6073	137.39	4.5	-0.51	66	-15	-6	86	18	
3545	SLV 9	5438	136.01	-28.81	-18.69	-1142	-152	-443	551	-2	
68	SLU 4	4448	135.48	2.19	16.23	108	-55	200	98	-53	
3175	SLV 15	4818	134.7	-46.08	20.38	97	27	40	-94	-52	
581	SLU 4	4449	134.67	-2.26	15.35	108	51	198	-96	-50	
1199	SLU 4	4449	133.75	2.64	6.81	114	97	166	95	3	
3188	SLV 15	5651	131.75	-63.07	21.92	79	14	-34	-98	-19	
389	SLU 4	5995	131.26	3.76	11.85	81	-40	0	82	2	
1183	SLV 15	5235	130.58	58.3	18.51	108	105	-13	94	-26	
573	SLV 15	6124	126.22	4	1.43	228	14	3	-76	9	
379	SLU 4	5664	125.84	4.33	15.26	76	-49	15	82	-8	
628	SLV 15	4971	125.1	16.75	10.65	106	34	49	-71	-21	
96	SLU 3	6095	124.34	-15.94	1.93	152	55	-7	-203	-116	
67	SLU 1	4184	122.85	4.28	10.13	114	-46	248	94	-51	
582	SLU 4	4185	122.1	-4.34	9.32	114	41	248	-92	-48	
1204	SLU 1	4185	121.57	1.98	5.47	106	79	218	96	-5	
597	SLV 15	5979	120.97	5.73	11.61	209	34	16	-74	-5	
1990	SLU 1	5758	120.83	-2.48	11.74	155	-8	-26	120	-15	
369	SLU 4	5250	119.24	5.26	12.91	73	-52	28	81	-11	
3187	SLV 15	5331	118.58	-63.16	16.14	76	21	-26	-88	-16	
3174	SLV 15	4549	117.09	-44.57	17.74	106	29	66	-91	-58	
1167	SLV 15	6142	114.12	69.64	-0.06	173	22	0	91	21	
1188	SLV 15	4973	114.02	57.01	15.2	100	123	28	85	-26	
607	SLV 15	5574	113.6	6.12	14.73	162	33	35	-72	-17	
359	SLU 4	4991	111.85	6.73	8.99	84	-51	50	80	-11	
638	SLV 15	4716	108.5	14.91	5.42	109	34	71	-63	-20	
66	SLU 1	3601	105.88	6.08	3.74	110	-33	278	84	-39	
583	SLU 1	3602	105.23	-6.12	2.97	111	28	277	-83	-37	
1209	SLU 1	3602	105.1	1.67	4	95	56	257	90	-12	
1172	SLV 15	5874	105.04	68.83	13.17	144	62	-18	87	1	

Shell Ind	Cont. N.br.	Nodo Ind	Sollecitazione								
			Moo	Moz	Mzz	Foo	Foz	Fzz	Vo	Vz	
617	SLV 15	5245	103.92	5.73	12.59	127	19	40	-67	-23	
3186	SLV 15	5086	103.77	-62.97	12.09	82	24	-19	-80	-14	
349	SLU 4	4721	103.16	9.21	4.41	96	-51	-77	78	-11	
105	SLU 3	6104	101.62	-5.73	1.04	-23	-64	-5	-75	-112	
1989	SLU 1	5392	100.77	-0.08	10.38	57	-5	-19	85	-13	
3200	SLV 15	6344	99.66	-71.42	0.02	25	0	-2	-84	20	
1193	SLU 4	4720	99.21	11.87	11.36	118	159	47	77	-23	
2291	SLV X	5438	97.53	-23.1	25.61	53	19	10	-167	-71	
3173	SLV 15	4267	97.17	-41.99	14.69	114	29	104	-86	-65	
548	SLU 3	4424	96.99	7.29	1	-12	25	33	97	-4	
549	SLU 3	4424	96.86	7.3	-0.3	-11	21	44	96	-2	
1177	SLV 15	5559	95.87	69.76	16.95	137	88	-35	82	-14	
76	SLU 4	6074	95.56	10.6	1.14	40	-6	0	72	6	
550	SLU 3	4702	95.37	6.38	-3.76	-14	9	51	96	5	
34	SLU 3	4423	94.12	-8.84	0.88	-18	-27	42	-97	3	
35	SLU 3	4423	94.07	-8.8	0.43	-20	-31	21	-97	0	
339	SLU 1	4451	93.16	12.65	-0.35	110	-46	104	76	-11	
388	SLU 4	6013	92.66	9.29	8.31	63	-17	3	71	-2	
627	SLV 15	4985	92.57	4.62	7.51	114	12	41	-61	-25	
33	SLU 3	4701	92.16	-7.81	-2.48	-27	-16	46	-95	7	
547	SLU 3	4140	91.99	8.17	-1.04	-10	34	16	93	0	
648	SLV 15	4447	91.78	11.88	-0.27	116	32	94	-57	-20	
2324	SLV X	5438	91.55	-42.79	24.18	51	12	15	-134	70	
3199	SLV 15	5955	91.46	-70.95	12.13	38	-3	-13	-81	0	
2085	SLV 5	6336	90.53	0.42	8.46	250	49	27	-166	-68	
36	SLU 3	4139	89.76	-9.55	-0.97	-11	-39	3	-95	5	
1198	SLU 4	4457	88.55	12.64	8.76	109	158	66	77	-24	
3185	SLV 15	4816	88.17	-63.03	8.84	89	27	5	-72	-13	
378	SLU 4	5689	88.01	9.59	11.29	71	-24	13	70	-13	
1988	SLU 4	4961	87.58	-0.81	10.48	21	-16	-10	76	-17	
572	SLV 15	6123	87.5	-2.82	0.55	199	6	-1	-60	9	
1182	SLV 15	5241	85.84	70.25	14.71	128	105	-36	77	-17	
1688	SLV 9	5482	84.75	-3.06	177.11	333	59	-309	-123	303	
551	SLU 3	4995	84.52	4.59	-12.64	-16	-6	46	82	44	
65	SLU 1	3326	84.27	7.88	-3.39	93	-17	266	64	-24	
1214	SLU 1	3327	84.08	1.46	3.1	60	10	255	74	-18	
596	SLV 15	5988	83.91	-1.55	8.19	190	16	5	-59	-3	
584	SLU 1	3327	83.68	-7.89	-3.93	93	13	265	-63	-22	
1581	SLV 1	6408	83.62	13.33	3.1	-269	-30	-8	-63	-17	
3198	SLV 15	5649	83.28	-72.52	15.72	55	3	-26	-76	-14	
32	SLU 3	4994	82.86	-6.43	-9.56	-37	0	41	-86	34	
368	SLU 1	5343	82.6	10.98	9.71	77	-22	26	70	-19	
1239	SLV X	6352	81.77	-14.86	3.25	-249	30	-8	57	-17	
329	SLU 1	4183	81.5	16.67	-5.03	119	-42	126	69	-10	
1685	SLV 9	5482	81.46	0.35	177.28	305	-50	-306	155	297	
1129	SLV X	6352	81.11	-20.21	-0.75	69	22	15	-63	33	
97	SLU 3	6095	81.1	1.99	0.59	-76	48	-11	51	-89	
637	SLV 15	4717	80.11	2.57	1.19	114	9	47	-54	-25	
658	SLU 4	4180	79.95	-16.82	-5.33	120	36	126	-69	-11	
546	SLU 3	3552	79.48	9.03	-1.93	-9	36	-14	79	-1	
606	SLV 15	5677	78.8	-1.74	10.56	168	19	15	-58	-14	
37	SLU 3	3551	78.37	-10.55	-1.66	-4	-41	-27	-83	3	
3115	SLU 10	896	77.88	-57.51	29.82	-697	27	-710	-139	87	
1701	SLV 9	5482	77.45	0.65	104.04	337	48	28	-107	-87	
1203	SLU 4	4187	76.54	14.1	5.75	88	139	85	75	-24	
358	SLU 1	5004	76.4	13.09	5.37	84	-21	36	69	-21	
1987	SLU 3	4675	75.65	-1.11	8.95	-11	-24	11	71	-19	
3197	SLV 15	5329	74.61	-73.96	13.39	71	8	-19	-71	-18	
1666	SLV 9	5482	74.11	4.07	103.65	332	-42	21	132	-77	
1187	SLV 15	4990	73.9	70.22	11.55	113	119	-44	69	-16	
3172	SLV 15	3687	73.3	-38.24	4.82	129	27	153	-77	-79	
3158	SLV X	6072	73.03	20.33	-1.21	67	-25	16	61	30	
616	SLV 13	5254	72.3	-3.71	9.28	145	9	24	-52	-18	
3184	SLV 15	4547	71.6	-63.09	6.24	100	30	13	-64	-13	
840	SLU 1	896	71.33	-62.24	31.74	-467	-80	-684	138	64	
1166	SLV 15	6150	70.24	76.88	0.04	227	20	-2	71	13	
1997	SLU 1	5758	70.18	-4.44	6.67	-3	-22	-48	-67	-5	
1093	SLV X	5958	69.67	-22.86	16	-36	6	16	-52	-24	
1238	SLV X	5958	69.54	-17.98	2.06	-73	10	-7	38	-2	
348	SLU 1	4728	68.81	16.29	-0.04	98	-19	47	66	-21	
319	SLU 1	3600	68.29	20.54	-8.56	121	-36	135	60	-9	
1580	SLU 1	5959	67.6	16.34	2.65	-81	-8	-11	-37	-6	
668	SLU 1	3598	67.3	-20.71	-8.76	121	29	134	-59	-9	
647	SLV 15	4444	67.24	-0.29	-5.28	116	12	51	-47	-23	
1996	SLU 4	5392	66.56	-4.39	6.91	41	-11	-29	-67	-8	
1983	SLU 4	5759	66.46	8.69	-2.56	139	-2	11	76	15	
106	SLU 3	6046	65.43	4.77	-31.39	36	8	-60	-21	-183	
626	SLV 13	4993	64.68	-4.92	4.36	127	1	26	-48	-20	
3196	SLV 15	5084	64.3	-75.06	9.85	77	12	-16	-64	-18	
1171	SLV 15	5877	64.13	76.13	8.97	185	53	-16	68	0	
1208	SLU 1	3606	63.28	15.73	2.64	43	86	95	68	-20	
1192	SLU 3	4731	63.02	21.29	5.61	128	157	-35	62	-17	
1986	SLU 3	4397	63.01	-1.3	7.83	-35	-34	34	67	-24	
501	SLU 3	4705	60.92	-5.05	-3.53	-15	-13	31	-73	18	
1379	SLV 9	6367	60.91	-2.15	2.56	422	50	28	-80	-33	
1910	SLU 1	5763	60.9	3.85	-1.14	371	41	-14	-45	5	
502	SLU 3	4705	60.71	-6.59	-4.53	-17	-24	22	-73	3	
3159	SLV X	5866	60.59	22.78	14.19	-37	-13	19	47	-21	
466	SLU 3	4427	60.46	-10.2	-2.87	-11	-36	13	-76	-4	
77	SLU 1	6075	60.43	14.98	0.69	30	-2	-3	60	4	
31	SLU 3	5408	60.33	-6.6	-35.49	-30	23	6	-27	35	
338	SLU 1	4452	60.2	20.48	-5.68	110	-20	54	61	-19	
1219	SLU 1	873	60.14	1.18	3.32	28	-24	230	52	-25	
64	SLU 1	872	60.04	8.46	-6.06	61	0	225	40	-10	
3538	SLV 9	5458	60.01	-7.16	-23.23	-742	-306	-177	218	18	
545	SLU 3	3260	59.92	9.18	3.37	-15	34	-35	56	-8	
1982	SLU 4	5393	59.89	7.06	7.44	-5	-12	-5	72	-8	
38	SLU 3	3259	59.64	-10.31	3	-6	-38	-44	-61	-4	
585	SLU 1	873	59.58	-8.51	-6.48	61	-5	225	-40	-9	

Shell	Cont.	Nodo	Sollecitazione								
			Ind	Moo	Moz	Mzz	Foo	Foz	Fzz	Vo	Vz
2071	SLV X	6338	59.45	-5.61	11.99	-185	30	-31	107	-69	
387	SLU 1	6022	58.73	13.84	5.27	53	-6	-3	60	-3	
111	SLU 3	4424	57.76	7.27	-2.93	-77	39	32	-66	-1	
27	SLU 3	4423	57.74	-8.29	-2.76	-80	-25	32	66	2	
26	SLU 3	4423	57.7	-8.25	-3.21	-81	-21	20	66	0	
110	SLU 3	4424	57.63	7.29	-4.23	-77	42	33	-67	0	
1995	SLU 4	4961	57.57	-4.1	7.48	-16	-2	-17	-57	-13	
1176	SLV 15	5562	57.52	77.2	11.82	160	80	-34	65	-9	
2081	SLV 9	5437	57.24	-5.09	-39.84	-555	66	-215	122	-112	
3210	SLV 15	6331	57.22	-78.08	0	27	-1	-5	-65	12	
571	SLV 13	6122	57.14	-8.64	0.55	199	0	-1	-46	5	
1237	SLV X	5652	57.03	-19	5.31	-31	6	20	26	-9	
1057	SLV X	5652	56.96	-23.93	8.58	-23	9	18	-32	-15	
3116	SLU 10	896	56.8	-24.52	-131.43	-702	-167	-1049	-20	262	
552	SLU 3	5409	56.78	6.04	-46.31	4	-27	4	9	47	
465	SLU 3	4144	56.76	-13.84	-1.83	-5	-43	-3	-74	-8	
275	SLU 3	6057	56.69	-4.87	-28.22	-36	-3	-6	24	-81	
636	SLV 13	4718	56.16	-6.46	-0.8	119	0	22	-43	-21	
518	SLU 3	4992	56.03	-1.39	-8.04	-17	5	32	-55	44	
514	SLU 3	6001	55.64	-24.66	-26.36	-29	30	23	41	-28	
112	SLU 3	4140	55.4	6.78	-4.69	-79	32	13	-67	4	
28	SLU 3	4701	55.2	-9.54	-6.18	-83	-32	37	64	5	
377	SLU 1	5697	55.13	14.22	6.69	67	-10	2	59	-12	
25	SLU 3	4139	55.11	-7.15	-4.43	-78	-14	3	64	7	
595	SLV 13	5992	54.8	-7.76	5.85	192	3	-1	-45	-3	
309	SLU 1	3321	54.78	23.21	-9.31	107	-28	131	47	-5	
109	SLU 3	4702	54.72	8.42	-7.83	-76	49	40	-66	5	
1511	SLV 7	6400	54.66	5.33	0.04	167	-10	-3	3	13	
657	SLV 15	4177	54.63	-3.63	-10.83	117	16	53	-40	-18	
1501	SLV 7	6400	54.58	3.61	-0.02	192	-13	-1	-3	13	
1915	SLU 3	5397	54.14	6.24	11.28	-66	47	-129	-44	-23	
1309	SLV 11	6360	53.88	-7.32	0.03	233	10	-3	-7	13	
678	SLU 1	3320	53.78	-23.45	-9.46	107	22	130	-46	-4	
1319	SLV 11	6360	53.78	-5.66	-0.03	257	12	-1	0	13	
553	SLU 3	5721	53.77	19.08	-46.71	13	-46	27	-78	-52	
699	SLU 3	4419	53.57	7.79	-4.8	0	16	25	70	6	
3183	SLV 15	4265	53.55	-62.83	3.76	107	34	21	-52	-16	
773	SLU 3	4419	53.47	9.86	-6.34	0	25	14	70	1	

Sollecitazioni con momento Mzz minimo

Vengono mostrati i soli 200 gusci più sollecitati.

Shell	Cont.	Nodo	Sollecitazione								
			Ind	Moo	Moz	Mzz	Foo	Foz	Fzz	Vo	Vz
1444	SLV 7	3805	-59.51	-52.95	-146.24	-103	-127	-47	-248	-549	
3116	SLO 3	896	36.05	-19.19	-136.57	-551	-135	-884	10	263	
1210	SLV 3	952	-65.86	-0.28	-132.73	-290	108	-318	171	-177	
3521	SLV 3	952	-57.14	-7.64	-131.65	-208	38	-327	-33	-172	
1362	SLV 11	3777	-41.29	51.55	-131.49	-76	117	-56	193	-514	
2984	SLV 13	952	22.87	-22.06	-130.87	-5	-226	-1139	-24	294	
3391	SLV 3	1751	-13.19	-4.85	-127.39	-33	-4	-72	3	-50	
3381	SLV 3	1751	-11.32	-4.24	-127.21	-26	-4	-71	3	-49	
3401	SLV 3	1690	-13.18	-6.08	-127.07	-43	-4	-74	3	-49	
3371	SLV 3	1812	-11.44	-2.87	-127.04	-17	-4	-69	2	-49	
3361	SLV 3	1873	-11.52	-1.98	-126.35	-8	-4	-68	2	-49	
3411	SLV 3	1629	-13.09	-7.21	-126.25	-54	-4	-76	3	-49	
3351	SLV 3	1934	-11.55	0.05	-125.15	0	-6	-66	1	-49	
3421	SLV 3	1568	-12.92	-8.21	-124.91	-64	-3	-56	3	-48	
3341	SLV 3	1995	-11.52	1.57	-123.66	7	-7	-39	0	-49	
3431	SLV 1	1507	-11.44	-9.78	-123.16	-89	-24	-61	-2	-47	
3331	SLV 3	2057	-11.44	3.11	-121.31	14	-8	-39	-1	-48	
3441	SLV 1	1446	-11.1	-10.47	-120.94	-99	-23	-66	-2	-46	
1434	SLV 7	3805	-32.9	-18.51	-120.22	-4	-105	-47	64	-254	
3321	SLV 3	2118	-11.3	4.65	-118.53	20	-9	-38	-2	-47	
3451	SLV 1	1385	-10.62	-11.01	-118.21	-108	-21	-70	-2	-45	
1688	SLV Y	5482	-52.3	1.74	-116.11	-119	-33	160	81	-185	
1685	SLV Y	5482	-49.61	-1.25	-115.84	-109	34	159	-93	-181	
3311	SLV 3	2179	-11.11	6.18	-115.24	26	-10	-38	-3	-46	
3461	SLV 1	1324	-10	-11.38	-115	-115	-18	-74	-3	-43	
3022	SLU 7	924	-5.65	-3.3	-113.1	-30	7	-38	-1	146	
3019	SLU 7	924	-5.18	5.63	-113.06	-59	0	-34	-8	145	
3511	SLV 1	958	-22.39	-6.6	-112.98	-197	-6	-202	-28	-73	
3301	SLV 3	2240	-10.88	7.67	-111.43	30	-11	-38	-4	-45	
3471	SLV 1	1263	-9.18	-11.6	-111.37	-121	-15	-78	-5	-42	
1215	SLV 3	952	-60.07	9.38	-110.81	-286	-17	-84	133	166	
3103	SLU 7	896	52.55	12.16	-110.75	-306	182	-880	108	251	
3481	SLV 1	1202	-8.27	-11.52	-107.49	-125	-12	-80	-9	-39	
3291	SLV 3	2301	-10.59	9.12	-107.1	34	-12	-39	-5	-44	
1372	SLV 11	3777	-26.05	19.2	-106.89	11	95	-59	-48	-237	
3382	SLV 3	3378	-8.91	-4.3	-105.83	-11	-12	-63	-1	-47	
3392	SLV 3	3378	-8.45	-5.1	-105.79	-16	-13	-64	-1	-47	
3372	SLV 3	3380	-8.84	-2.55	-105.62	-4	-12	-62	-1	-47	
3402	SLV 3	3376	-8.45	-6.7	-105.56	-23	-13	-65	0	-47	
3362	SLV 3	3382	-8.73	-1.78	-104.98	3	-12	-60	-1	-47	
3412	SLV 3	3374	-8.42	-8.23	-104.9	-31	-13	-67	0	-46	
3352	SLV 3	3384	-8.6	1.13	-103.9	9	-14	-58	-2	-47	
3422	SLV 1	3372	-8.67	-10.02	-103.88	-58	-43	-70	-1	-46	
3491	SLV 1	1141	-7.44	-11.41	-103.72	-131	-10	-82	-10	-37	
3432	SLV 1	3370	-8.59	-11.24	-102.51	-66	-41	-54	2	-45	
3342	SLV 3	3386	-8.43	3.03	-102.5	15	-16	-35	-2	-46	
3281	SLV 3	2362	-10.27	10.48	-102.24	36	-12	-39	-6	-42	
2109	SLO 3	1930	-10.15	-0.34	-101.6	-22	-34	-69	-2	-76	
2108	SLO 3	1991	-10.11	0.69	-101.6	-16	-34	-66	-2	-76	
2110	SLO 3	1930	-9.93	-0.78	-101.58	-10	-34	-68	0	-75	
2107	SLO 3	2052	-10.01	1.71	-100.91	-10	-35	-63	-3	-75	
2111	SLO 3	1869	-9.81	-1.81	-100.89	-17	-33	-71	1	-75	
3442	SLV 1	3368	-8.5	-12.28	-100.71	-73	-38	-58	2	-44	
3501	SLV 1	1080	-7.99	-11.17	-100.69	-144	-11	-86	-12	-35	
3332	SLV 3	3388	-8.23	4.96	-100.52	20	-18	-34	-3	-46	

Shell Ind	Cont. N.br.	Nodo Ind	Sollecitazione								
			Moo	Moz	Mzz	Foo	Foz	Fzz	Vo	Vz	
2106	SLO 3	2114	-9.84	2.72	-99.53	-5	-35	-61	-3	-75	
2112	SLO 3	1808	-9.62	-2.84	-99.51	-23	-31	-74	1	-75	
3025	SLU 7	923	-8.2	-8.7	-99.07	-24	-14	-64	11	121	
3452	SLV 1	3366	-8.41	-13.13	-98.52	-80	-35	-62	3	-42	
3322	SLV 3	3390	-8	6.89	-98.14	25	-19	-34	-3	-45	
2113	SLU 7	1747	-9.21	-3.26	-97.69	-33	-55	-106	0	-90	
2105	SLU 6	2175	-9.91	3.13	-97.51	3	-63	-76	-3	-91	
3271	SLV 3	2423	-9.9	11.75	-96.87	38	3	-40	-7	-40	
823	SLO 3	1933	-10.56	4.53	-96.81	-37	-6	-37	-5	-77	
824	SLO 1	1933	-9.04	3.75	-96.67	-44	-18	-37	-2	-77	
822	SLO 1	1994	-9.81	6.87	-96.54	-35	-16	-46	-2	-77	
825	SLO 3	1872	-8.32	1.35	-96.22	-51	-8	-39	-4	-77	
3462	SLV 1	3364	-8.35	-13.76	-95.97	-86	-31	-65	3	-41	
821	SLO 1	2056	-9.58	8.98	-95.6	-27	-15	-44	-3	-77	
2114	SLU 7	1686	-8.97	-4.19	-95.54	-42	-52	-112	1	-89	
3312	SLV 3	3392	-7.74	8.81	-95.32	28	-21	-34	-3	-44	
2104	SLU 6	2236	-9.65	4	-95.28	11	-62	-73	-4	-90	
826	SLO 3	1811	-8.17	-0.9	-95.09	-62	-8	-41	-4	-76	
820	SLO 1	2117	-9.29	11.09	-93.94	-18	-14	-43	-3	-76	
827	SLO 3	1750	-7.96	-3.24	-93.32	-73	-8	-43	-4	-75	
3472	SLV 1	3362	-8.37	-14.12	-93.14	-92	-27	-69	3	-40	
2115	SLU 7	1625	-8.67	-5.15	-92.81	-52	-49	-119	1	-88	
2103	SLU 6	2297	-9.33	4.89	-92.48	19	-62	-70	-4	-89	
3016	SLU 7	925	-6.07	10.77	-92.2	-18	1	-27	-12	111	
3302	SLV 3	3394	-7.45	10.67	-92.07	32	-22	-34	-4	-42	
819	SLO 1	2178	-8.94	13.22	-91.56	-11	-12	-42	-4	-75	
3261	SLV 3	2484	-9.5	12.89	-91.01	39	4	-40	-8	-38	
828	SLO 3	1689	-7.68	-5.69	-90.88	-84	-7	-46	-4	-74	
3482	SLV 1	3360	-8.58	-14.11	-90.18	-99	-23	-71	3	-39	
1691	SLV Y	5481	-27.85	-0.65	-90.12	-35	-59	45	57	-105	
106	SLU 3	5744	-2.9	13.49	-90.11	-2	43	-75	141	-183	
2116	SLU 7	1564	-8.31	-6.17	-89.48	-62	-45	-126	2	-87	
2102	SLU 6	2358	-8.94	5.8	-89.06	28	-61	-67	-5	-87	
818	SLO 1	2239	-8.52	15.39	-88.46	-4	-11	-41	-4	-74	
3292	SLV 3	3396	-7.14	12.51	-88.38	34	-1	-34	-4	-41	
829	SLO 3	1628	-7.36	-8.28	-87.82	-96	-6	-49	-5	-73	
3492	SLV 1	3358	-9.32	-13.62	-87.25	-109	-25	-76	3	-38	
553	SLU 3	5744	27.79	15.68	-87.04	12	-26	-75	-85	-148	
3393	SLV 3	3643	-5.02	-5.14	-85.57	2	-12	-56	0	-43	
3383	SLV 3	3643	-4.91	-4.18	-85.56	5	-19	-55	0	-43	
2117	SLU 7	1503	-7.9	-7.25	-85.5	-72	-41	-134	2	-85	
3403	SLV 3	3641	-5.14	-7.04	-85.45	-3	-9	-57	0	-43	
3373	SLV 3	3645	-4.79	-2.15	-85.34	10	-18	-54	-1	-43	
2101	SLU 6	2419	-8.48	6.72	-84.99	36	-60	-65	-5	-86	
3413	SLV 3	3639	-5.25	-8.84	-84.97	-9	-5	-59	1	-42	
3363	SLV 3	3647	-4.66	-0.04	-84.76	15	-17	-53	-1	-43	
1682	SLV 7	5483	-29.64	1.68	-84.76	79	50	-4	-63	-77	
277	SLV 11	5743	-9.5	-17.4	-84.75	-8	-30	-67	-214	-239	
3502	SLV 1	3356	-10.64	-12.31	-84.69	-124	-35	-85	0	-38	
3251	SLV 3	2545	-9.07	13.87	-84.68	39	5	-40	-10	-36	
817	SLO 1	2300	-8.02	17.59	-84.63	3	-10	-40	-5	-72	
3282	SLV 3	3398	-6.81	14.26	-84.26	36	1	-35	-4	-39	
830	SLO 3	1567	-7.01	-11.03	-84.16	-108	-5	-62	-5	-72	
3423	SLV 3	3637	-5.34	-10.51	-84.14	-14	-2	-60	-1	-41	
3353	SLV 3	3649	-4.51	2.12	-83.83	19	-19	-51	-1	-43	
3512	SLV 1	3354	-13.38	-9.2	-83.55	-139	-19	-126	-26	-51	
3433	SLV 1	3635	-5.38	-12.41	-83.07	-35	-44	-62	1	-41	
513	SLU 3	5743	32.47	-11.79	-82.99	-21	32	-84	108	-299	
3343	SLV 3	3651	-4.36	4.33	-82.64	23	-21	-31	-2	-42	
3443	SLV 1	3633	-5.48	-13.74	-81.67	-40	-42	-50	1	-40	
3333	SLV 3	3653	-4.2	6.57	-80.97	27	-22	-30	-2	-42	
2118	SLU 7	1442	-7.41	-8.39	-80.82	-82	-37	-143	3	-83	
3028	SLU 7	922	-7.29	-10.33	-80.52	-22	-27	-53	16	99	
2100	SLU 6	2480	-7.94	7.65	-80.22	45	-59	-62	-6	-84	
816	SLO 1	2361	-7.45	19.84	-80.06	8	-8	-40	-5	-70	
831	SLO 3	1506	-6.65	-13.95	-79.96	-120	-4	-65	-5	-70	
3453	SLV 1	3631	-5.59	-14.86	-79.94	-46	-39	-53	-1	-39	
3272	SLV 3	3400	-6.45	15.9	-79.72	38	3	-35	-4	-37	
3323	SLV 3	3655	-4.03	8.8	-78.99	30	-9	-30	-2	-41	
3241	SLV 3	2606	-8.61	14.63	-77.91	38	6	-39	-11	-34	
3463	SLV 1	3629	-5.73	-15.73	-77.9	-51	-35	-56	1	-38	
3522	SLV 3	3352	-24.44	-10.35	-77.24	-73	44	-192	-6	-66	
3313	SLV 3	3657	-3.85	11.01	-76.66	33	-7	-30	-2	-40	
3473	SLV 1	3627	-5.96	-16.3	-75.58	-57	-32	-60	1	-36	
2119	SLU 7	1381	-6.88	-9.59	-75.36	-92	-33	-153	4	-80	
832	SLO 3	1445	-6.31	-17.04	-75.29	-132	-3	-68	-5	-68	
815	SLO 1	2422	-6.8	22.12	-74.76	13	-13	-40	-5	-67	
3262	SLV 3	3402	-6.07	17.41	-74.75	37	4	-36	-5	-35	
2099	SLU 6	2541	-7.32	8.56	-74.71	54	-58	-59	-6	-81	
3303	SLV 3	3659	-3.69	13.19	-73.99	35	-5	-30	-3	-38	
1589	SLV 7	3804	-9.32	-16.69	-73.88	18	-47	64	-3	-54	
1789	SLV 11	3778	-7.7	16.28	-73.55	8	36	63	5	-64	
3483	SLV 1	3625	-6.43	-16.5	-73.01	-64	-31	-64	0	-36	
3013	SLU 7	926	-6.41	11.68	-71.4	2	3	-27	-18	89	
3293	SLV 3	3661	-3.53	15.32	-70.97	37	-3	-30	-3	-37	
3231	SLV 3	2667	-8.12	15.13	-70.75	35	7	-39	-13	-31	
1597	SLV 7	3803	-8.06	-11.32	-70.64	17	-52	-53	-2	-74	
833	SLO 3	1384	-6.05	-20.27	-70.22	-143	-1	-72	-5	-66	
3493	SLV 1	3623	-7.37	-16.23	-70.16	-70	-35	-73	-1	-35	
3252	SLV 3	3404	-5.69	18.74	-69.37	38	6	-35	-5	-33	
107	SLU 3	5744	-0.06	9.27	-69.37	-24	55	20	98	34	
2120	SLU 7	1320	-6.25	-10.85	-69.03	-103	-31	-165	5	-76	
814	SLO 1	2483	-6.06	24.4	-68.73	17	-12	-40	-6	-64	
1701	SLV 7	5482	-52.21	-1.87	-68.66	-21	-32	-95	81	59	
1670	SLU 3	3791	-37.33	6.61	-68.59	58	-9	-98	-75	-107	
1666	SLV 7	5482	-51.54	-3.17	-68.54	-26	8	-87	-88	49	
2098	SLU 6	2602	-6.62	9.42	-68.42	65	-57	-57	-7	-77	
1694	SLV Y	5480	-18.34	-0.96	-68.33	-8	-56	6	53	-73	
1710	SLU 3	3790	-4.36	-3.17	-68.28	8	-2	-97	2	-97	

Shell Ind	Cont. N.br.	Nodo Ind	Sollecitazione								
			Moo	Moz	Mzz	Foo	Foz	Fzz	Vo	Vz	
1781	SLV 11	3779	-8.86	11.53	-68.22	23	32	-61	-1	-74	
1705	SLU 3	3790	-1.84	-3.54	-68.03	15	3	-99	26	-107	
1679	SLV 7	5484	-18.03	2.83	-67.9	141	47	-37	-53	-54	
834	Sisma liquame X_SLV	1323	-6.28	-11.01	-67.71	23	-5	7	0	-53	
3283	SLV 3	3663	-3.42	17.36	-67.61	38	-2	-31	-3	-35	
3384	SLV 3	4223	-1.02	-4.07	-67.23	23	-16	-47	-1	-42	
3394	SLV 3	4223	-0.99	-5.15	-67.23	21	-15	-47	0	-42	
3404	SLV 3	4221	-1.23	-7.3	-67.19	18	-12	-49	0	-42	
3374	SLV 3	4225	-0.8	-1.79	-67	25	-18	-46	-1	-42	
3414	SLV 3	4219	-1.48	-9.34	-66.88	15	-9	-50	0	-42	
3503	SLV 1	3621	-9.31	-15.5	-66.83	-72	-8	-92	-5	-37	
3364	SLV 3	4227	-0.61	0.57	-66.48	28	-19	-45	-1	-42	
552	SLU 3	5744	29.31	13.16	-66.43	20	-27	19	-58	47	
3424	SLV 3	4217	-1.75	-11.24	-66.29	12	-5	-51	0	-41	
1605	SLV 7	3802	-5.57	-9.34	-65.76	14	-40	-96	-5	-71	
3354	SLV 3	4229	-0.43	2.97	-65.7	31	-18	-44	-1	-42	
3434	SLV 1	4215	-2.08	-13.3	-65.5	-6	-25	-53	0	-40	
1706	SLV Y	5481	-25.38	3.77	-65.45	-45	-9	-12	47	67	
835	Sisma liquame X_SLV	1262	-6.1	-12.47	-65.41	20	-6	7	0	-52	
1773	SLV 11	3780	-5.48	9.67	-65.21	15	29	-98	6	-74	
1211	SLV 3	885	1.91	-4.66	-64.96	-141	36	-43	40	-19	
3344	SLV 3	4231	-0.27	5.41	-64.71	33	-16	-27	-1	-42	
2141	SLO 3	3466	-5.14	1.1	-64.46	12	-53	-58	-1	-57	
3444	SLV 1	4213	-2.42	-14.87	-64.45	-10	-21	-54	0	-39	
2142	SLO 3	3466	-5.04	0.39	-64.45	4	-53	-59	0	-57	
2143	SLO 3	3468	-5.03	-1.17	-64.34	0	-52	-61	0	-57	
2140	SLO 3	3465	-5.12	2.64	-64.01	16	-54	-56	-1	-57	
3273	SLV 3	3665	-3.36	19.3	-63.9	39	0	-31	-4	-33	
2144	SLO 3	3469	-4.96	-2.73	-63.67	-4	-50	-64	-1	-57	
3242	SLV 3	3406	-5.29	19.85	-63.59	37	8	-35	-5	-31	
3334	SLV 3	4233	-0.14	7.87	-63.36	35	-14	-26	-2	-41	
3221	SLV 3	2728	-7.59	15.31	-63.24	29	9	-38	-14	-30	
860	SLO 3	3383	-4.21	3.52	-63.2	-25	-16	-33	2	-61	
859	SLO 3	3383	-3.68	4.77	-63.16	-19	-15	-33	1	-61	
3454	SLV 1	4211	-2.79	-16.24	-63.13	-13	-16	-45	1	-38	
2139	SLO 3	3464	-5.04	4.17	-63	19	-54	-54	-2	-57	
858	SLO 1	3385	-3.82	7.44	-62.97	-15	-27	-40	-1	-61	
836	Sisma liquame X_SLV	1201	-5.98	-13.95	-62.93	17	-6	7	0	-51	
1715	SLU 3	3789	-5.14	-1.94	-62.89	8	-5	-100	3	-76	
861	SLO 3	3381	-4.22	0.87	-62.86	-33	-17	-35	2	-61	
2145	SLO 3	3470	-4.85	-4.29	-62.45	-8	-48	-67	2	-56	
1216	SLV 3	885	0.8	8.6	-62.42	-120	-12	-66	34	52	
1661	SLV 7	5483	-27.4	-1.1	-62.39	76	-25	-61	-56	51	
813	SLU 1	2544	-4.95	26.69	-62.32	77	-2	-43	-5	-79	
857	SLO 1	3387	-3.72	10.03	-62.22	-8	-25	-39	-1	-61	
862	SLO 3	3379	-4.17	-1.84	-61.99	-41	-18	-36	3	-61	

Sollecitazioni con momento Mzz massimo

Vengono mostrati i soli 200 gusci più sollecitati.

Shell Ind	Cont. N.br.	Nodo Ind	Sollecitazione								
			Moo	Moz	Mzz	Foo	Foz	Fzz	Vo	Vz	
1215	SLV 13	952	-22.73	25.69	294.8	-717	-217	-1438	-102	-535	
3361	SLV 13	1934	22.39	-5.47	236.34	-35	-19	-15	3	163	
3351	SLV 13	1934	23.98	-7.45	236.31	-37	-18	-15	5	163	
3371	SLV 13	1873	22.46	-1.2	236.13	-47	-22	-16	2	163	
3341	SLV 13	1995	23.78	-11.65	235.17	-25	-15	-39	6	163	
3381	SLV 13	1812	22.39	3.12	234.77	-59	-24	-19	1	162	
3331	SLV 13	2057	23.45	-15.87	232.33	-15	-12	-37	8	162	
3391	SLV 13	1751	22.17	7.56	232.07	-71	-25	-22	1	161	
3321	SLV 13	2118	22.99	-20.11	228.18	-5	-8	-36	9	160	
3401	SLV 13	1690	21.82	12.13	228.05	-84	-25	-25	1	160	
3411	SLV 13	1629	21.34	16.89	222.75	-98	-25	-29	1	158	
3311	SLV 13	2179	22.39	-24.39	222.65	5	-5	-34	11	158	
3421	SLV 13	1568	20.75	21.84	216.22	-112	-25	-55	1	155	
3301	SLV 13	2240	21.65	-28.75	215.7	13	-2	-33	12	156	
3431	SLV 15	1507	18.87	27.7	208.62	-111	-2	-57	6	152	
3291	SLV 13	2301	20.74	-33.16	207.31	21	1	-33	14	153	
3441	SLV 15	1446	18.19	33.05	199.98	-124	-2	-60	5	148	
3281	SLV 13	2362	19.68	-37.63	197.46	29	4	-32	15	148	
3451	SLV 15	1385	17.55	38.58	190.38	-137	-1	-63	5	144	
3271	SLV 13	2423	18.44	-42.12	186.14	35	-8	-32	17	144	
3461	SLV 15	1324	16.99	44.24	179.94	-149	0	-66	4	139	
1685	SLV 9	5482	81.46	0.35	177.28	305	-50	-306	155	297	
1688	SLV 9	5482	84.75	-3.06	177.11	333	59	-309	-123	303	
3261	SLV 13	2484	17.02	-46.59	173.33	40	-6	-32	18	138	
3471	SLV 15	1263	16.71	49.89	168.84	-159	1	-68	2	135	
3372	SLV 13	3382	11.91	-0.59	165.07	-39	-38	-15	-2	133	
3362	SLV 13	3384	11.86	-5.8	165.03	-30	-33	-14	-1	133	
3352	SLV 13	3384	11.47	-8.28	164.98	-20	-30	-13	1	133	
3382	SLV 13	3380	11.82	4.67	163.99	-48	-40	-17	-3	133	
3342	SLV 13	3386	11.28	-13.45	163.93	-12	-25	-34	2	133	
3392	SLV 13	3378	11.62	10.02	161.82	-58	-41	-20	-4	132	
3332	SLV 13	3388	10.95	-18.64	161.61	-4	-20	-33	3	132	
3251	SLV 13	2545	15.4	-50.95	159.05	45	-4	-33	19	131	
3402	SLV 13	3376	11.29	15.47	158.58	-68	-41	-23	-5	130	
3322	SLV 13	3390	10.48	-23.86	158.17	3	-14	-32	4	130	
3481	SLV 15	1202	16.82	55.35	157.08	-165	2	-69	-1	130	
3412	SLV 13	3374	10.86	21.1	154.31	-79	-41	-26	-6	128	
3312	SLV 13	3392	9.88	-29.13	153.6	10	-9	-31	5	128	
3422	SLV 15	3372	10.65	27.26	149.14	-69	-10	-29	-8	126	
3302	SLV 13	3394	9.15	-34.44	147.89	16	-4	-30	6	125	
3491	SLV 15	1141	17.83	60.43	145.04	-169	3	-68	-15	127	
3241	SLV 13	2606	13.6	-55.06	143.28	47	-2	-35	20	122	
3432	SLV 15	3370	10.07	33.15	143.11	-80	-10	-51	-9	123	
1691	SLV 9	5481	48.28	2.32	141.09	201	103	-126	-89	184	

Shell Ind	Cont. N.br.	Nodo Ind	Sollecitazione							
			Moo	Moz	Mzz	Foo	Foz	Fzz	Vo	Vz
3292	SLV 13	3396	8.31	-39.85	141.05	22	-20	-29	7	122
3442	SLV 15	3368	9.46	39.18	136.23	-90	-9	-54	-10	120
3282	SLV 13	3398	7.37	-45.29	133.09	27	-17	-29	8	118
3501	SLV 15	1080	19.06	65.87	129.85	-177	1	-68	-31	117
3452	SLV 15	3366	8.84	45.32	128.57	-100	-8	-56	-10	116
3231	SLV 13	2667	11.59	-58.75	126.09	48	1	-36	20	112
3272	SLV 13	3400	6.35	-50.73	124.03	32	-14	-29	9	113
1682	SLV 9	5483	37.02	-3.55	121.7	173	-91	-102	87	147
3462	SLV 15	3364	8.27	51.53	120.22	-110	-6	-59	-10	112
3511	SLV 15	1019	19.51	66.51	118.8	-198	-6	-21	-29	142
1387	SLU 1	3781	12.1	4.68	118.06	27	7	30	3	-100
1385	SLU 1	3781	9.17	5.61	117.62	30	10	31	2	-100
1389	SLU 4	3782	11.96	3.68	117.31	32	-1	25	4	-99
1383	SLU 1	3780	9.18	7.36	116.98	35	16	40	-5	-97
1391	SLU 3	3783	11.79	2.37	116.5	31	-12	13	5	-101
1381	SLU 1	3778	12.24	11.22	115.37	19	42	39	2	-102
3262	SLV 13	3402	5.29	-56.13	113.9	37	-11	-29	10	107
1371	SLU 1	3778	6.48	17.18	113	32	22	57	-32	-98
1419	SLU 3	3798	12.59	-0.28	112.53	43	12	9	-9	-88
1393	SLU 3	3784	11.21	1.87	112.45	37	-7	23	3	-97
1421	SLU 3	3798	7.82	-1.47	111.92	38	7	11	-7	-87
3472	SLV 15	3362	7.77	57.76	111.22	-120	-4	-61	-10	107
1395	SLU 3	3785	11.18	0.88	111.07	33	-16	14	5	-101
1417	SLU 3	3797	12.04	0.57	110.65	45	15	11	-8	-88
1694	SLV 9	5480	33.34	3.56	110.57	146	104	-65	-88	137
1423	SLU 3	3799	7.8	-2.43	110.04	36	2	13	-5	-82
1415	SLU 3	3796	11.63	1.27	109.12	51	12	15	-7	-89
1425	SLU 4	3800	7.77	-2.96	107.98	39	-1	25	-5	-79
1413	SLU 3	3795	11.95	2.1	107.77	53	14	14	-7	-92
3363	SLV 13	3647	0.73	-2.9	107.69	-17	-38	-13	0	106
3373	SLV 13	3647	0.63	0	107.68	-21	-42	-14	-1	106
3353	SLV 13	3649	0.71	-8.84	107.63	-11	-33	-12	1	106
3221	SLV 13	2728	9.36	-61.75	107.51	50	3	-37	20	101
1397	SLU 3	3786	10.81	0.48	107.48	31	-14	23	4	-100
1407	SLU 3	3792	14.27	7.41	107.05	83	11	49	-80	-145
3383	SLV 13	3645	0.51	6	106.85	-28	-47	-15	-2	105
3343	SLV 13	3651	0.55	-14.79	106.79	-5	-28	-31	2	105
1409	SLU 3	3792	8.71	6.27	106.48	59	18	52	-18	-138
1427	SLU 4	3801	7.69	-4.09	106.26	39	-7	26	-1	-76
1411	SLU 3	3794	12.97	3.15	105.83	55	17	18	-10	-95
3393	SLV 13	3643	0.24	12.06	105.15	-35	-51	-18	-3	105
3333	SLV 13	3653	0.24	-20.75	104.91	1	-22	-30	3	104
1405	SLU 3	3790	15.44	-2.61	104.74	37	-6	67	34	-144
1399	SLU 3	3787	10.78	0.28	104.66	31	-13	32	2	-101
1403	SLU 3	3790	12.92	-2.22	104.48	21	-14	70	4	-136
1701	SLV 9	5482	77.45	0.65	104.04	337	48	28	-107	-87
1666	SLV 9	5482	74.11	4.07	103.65	332	-42	21	132	-77
1706	SLV 9	5481	44.49	-2.93	103.14	221	20	-46	-74	-100
1401	SLU 3	3788	11.37	-0.2	102.84	27	-15	39	2	-103
3252	SLV 13	3404	4.24	-61.37	102.76	40	-7	-31	11	101
1429	SLU 4	3802	6.68	-5.83	102.74	37	-28	34	3	-70
3403	SLV 13	3641	-0.15	18.22	102.62	-42	-55	-20	-3	103
3323	SLV 13	3655	-0.21	-26.73	102.18	6	-31	-28	4	103
3482	SLV 15	3360	7.36	63.98	101.5	-131	-3	-62	-10	102
1211	SLV 13	885	-36.85	45.31	101.15	-422	27	-433	3	130
1210	SLV 13	885	-37.89	68.35	101.05	-699	50	-497	29	109
3116	SLV X	896	7.85	5.47	100.72	154	53	349	-49	-180
824	SLV X	1872	10.03	0.29	99.31	58	-1	-13	2	43
3413	SLV 13	3639	-0.66	24.47	99.3	-49	-58	-23	-4	101
825	SLV X	1872	9.43	0.58	99.25	58	0	-13	1	43
826	SLV X	1811	9.41	2.4	99.03	58	-1	-13	1	43
823	SLV X	1933	9.96	-2.1	98.87	58	-2	-13	2	43
3313	SLV 13	3657	-0.77	-32.76	98.56	11	-28	-28	5	101
827	SLV X	1750	9.31	4.22	98.16	58	-2	-13	1	43
2491	SLU 7	5800	-2.62	12.1	97.98	-80	-56	-359	-27	-137
2552	SLU 7	5806	-2.83	-11.56	97.84	-120	70	-385	26	-136
822	SLV X	1994	9.84	-3.91	97.75	58	-3	12	3	43
1431	SLU 1	3803	4.35	-7.99	97.24	36	-37	21	2	-65
828	SLV X	1689	9.15	6.04	96.65	58	-3	-12	1	42
821	SLV X	2056	9.65	-5.72	95.97	57	-3	12	4	42
3423	SLV 13	3637	-1.25	30.84	95.23	-57	-61	-26	-5	99
829	SLV X	1628	8.93	7.85	94.52	57	-3	-12	2	41
3303	SLV 13	3659	-1.44	-38.84	94.09	16	-25	-27	6	98
1361	SLU 1	3777	-2.14	26.06	93.58	4	96	50	-22	-76
820	SLV X	2117	9.4	-7.51	93.51	56	-4	11	4	41
1661	SLV 9	5483	34.08	3.1	92.24	182	-13	-50	72	-78
830	SLV X	1567	8.64	9.63	91.79	56	-4	11	2	40
3492	SLV 15	3358	6.91	70.3	90.82	-147	-6	-64	-10	96
3242	SLV 13	3406	3.24	-66.3	90.68	42	-3	-32	11	92
3433	SLV 15	3635	-1.92	37.69	90.57	-49	-17	-29	-5	97
819	SLV X	2178	9.09	-9.28	90.39	55	-5	10	5	40
1433	SLU 1	3804	1.04	-14.07	89.53	22	-24	53	35	-55
1679	SLV 9	5484	18.35	-5	88.82	117	-78	-47	62	105
3293	SLV 13	3661	-2.18	-44.95	88.78	21	-22	-26	6	95
831	SLV X	1506	8.31	11.4	88.49	56	-5	10	2	38
3211	SLV 13	2789	7.03	-63.67	87.64	44	7	-37	20	87
1711	SLV 9	5480	31.02	-0.7	87.32	152	-15	-53	-75	-64
818	SLV X	2239	8.72	-11.02	86.6	53	-6	9	6	39
3443	SLV 15	3633	-2.53	44.25	85.28	-57	-16	-47	-5	93
832	SLV X	1445	7.93	13.13	84.67	55	-6	9	2	36
2109	SLV X	1991	8.71	-0.28	84.17	0	0	0	2	36
2110	SLV X	1930	8.62	0.86	84.1	0	0	0	-2	36
2108	SLV X	1991	7.92	-0.76	84.09	0	0	0	2	36
3521	SLV 13	952	-45.83	94.72	83.77	-533	-149	-697	-162	74
2107	SLV X	2052	7.81	-1.88	83.33	0	0	0	3	35
2111	SLV X	1869	8.45	2	83.22	0	0	0	-2	35
1697	SLV 9	5479	20.25	5.6	83.11	48	93	-41	-68	103
3283	SLV 13	3663	-2.94	-51.08	82.68	25	-19	-26	7	91
817	SLV X	2300	8.28	-12.71	82.15	51	-7	8	6	37

Shell	Cont.	Nodo	Sollecitazione									
			Ind	N.br.	Ind	Moo	Moz	Mzz	Foo	Foz	Fzz	Vo
2106	SLV X	2114			7.65	-2.98	81.77	0	0	0	3	35
2112	SLV X	1808			8.2	3.11	81.53	0	0	0	-3	35
861	SLV X	3381			6.05	0.56	80.81	43	0	-12	0	41
860	SLV X	3381			5.91	0.53	80.8	43	-1	-12	0	41
862	SLV X	3379			6.06	2.84	80.68	43	-2	-11	-1	41
859	SLV X	3383			5.86	-2.82	80.39	43	-2	-11	1	41
833	SLV X	1384			7.52	14.81	80.38	54	-6	8	3	34
863	SLV X	3377			6.02	5.11	80.02	43	-3	-11	-1	41
858	SLV X	3385			5.76	-5.1	79.44	42	-4	11	1	41
3453	SLV 15	3631			-3.06	50.86	79.43	-65	-14	-49	-5	90
2105	SLV X	2175			7.43	-4.04	79.4	0	0	0	4	34
3502	SLV 15	3356			5.5	76.62	79.07	-178	-16	-68	-8	90
2113	SLV X	1747			7.87	4.19	79.05	0	0	0	-4	33
864	SLV X	3375			5.95	7.36	78.84	43	-5	-11	-2	40
857	SLV X	3387			5.62	-7.38	77.95	42	-6	11	2	40
3232	SLV 13	3408			2.37	-70.71	77.76	44	1	-34	11	83
865	SLV X	3373			5.83	9.58	77.17	42	-6	-10	-2	39
816	SLV X	2361			7.79	-14.33	77.07	48	-7	8	7	35
2104	SLV X	2236			7.17	-5.04	76.25	0	0	0	5	32
856	SLV X	3389			5.43	-9.63	75.91	41	-7	10	2	39
3273	SLV 13	3665			-3.67	-57.18	75.82	29	-16	-26	7	87
2114	SLV X	1686			7.49	5.23	75.82	0	0	0	-4	32
834	SLV X	1323			7.11	16.42	75.69	54	-7	7	3	32
866	SLV X	3371			5.68	11.76	75.01	42	-8	-10	-3	38
1716	SLV 9	5479			19.43	1.46	74.94	58	-13	-45	-59	-55
1656	SLV 9	5484			16.83	0.95	73.54	121	13	-51	52	-47
855	SLV X	3391			5.19	-11.86	73.33	40	-9	9	3	38
3463	SLV 15	3629			-3.46	57.52	73.06	-73	-13	-51	-5	86
867	SLV X	3369			5.51	13.88	72.4	41	-9	9	-3	37
2103	SLV X	2297			6.87	-5.97	72.34	-1	0	0	6	31
2115	SLV X	1625			7.05	6.2	71.84	0	0	0	-5	31
1542	SLV 13	3145			8.01	10.01	71.79	-123	-10	-112	12	44
1552	SLV 13	3146			5.83	10.02	71.42	-130	-10	-128	13	58
815	SLV X	2422			7.24	-15.88	71.38	46	8	7	7	32
1532	SLV 13	3145			1.7	9.19	71.12	-101	-12	-109	10	40
835	SLV X	1262			6.74	17.92	70.68	53	-8	7	3	30
2019	SLU 1	919			-4.45	-9.52	70.58	2	-58	-155	-23	172
854	SLV X	3393			4.91	-14.04	70.23	38	-10	8	3	37
1443	SLU 1	3805			-25.22	-24.48	69.54	-14	-97	57	-28	-20
868	SLV X	3367			5.33	15.94	69.38	41	-10	8	-4	35
3263	SLV 13	3667			-6.07	-63.17	68.29	32	-12	-27	7	81
1522	SLV 13	3144			1.88	7.93	67.83	-97	-13	-95	8	29
2102	SLV X	2358			6.54	-6.8	67.7	-1	0	0	7	29
1687	SLV 9	5731			35.65	9.22	67.53	268	54	-105	-22	177
2141	SLV X	3466			5.38	-1.14	67.21	0	0	0	1	33
1690	SLV 9	5731			32.43	12.78	67.2	230	94	-104	-35	166
2142	SLV X	3466			5.12	-0.34	67.18	0	0	0	-1	33
2116	SLV X	1564			6.56	7.09	67.17	0	0	0	-5	29
2143	SLV X	3468			5.11	1.43	67.09	0	0	0	0	33
2140	SLV X	3465			5.37	-2.88	66.66	0	0	0	2	33
853	SLV X	3395			4.6	-16.17	66.61	37	11	7	4	35
3201	SLV 13	2850			4.26	-63.9	66.51	38	11	-32	18	72
2144	SLV X	3469			5.06	3.18	66.35	0	0	0	-1	32
3473	SLV 15	3627			-3.64	64.19	66.2	-83	-11	-53	-5	81
869	SLV X	3365			5.16	17.91	65.99	41	-11	7	-4	33
1512	SLV 9	3142			9.35	-1.99	65.97	-41	-22	-51	13	41
2139	SLV X	3464			5.31	-4.58	65.45	0	0	0	3	32

Sollecitazioni con sforzo Foo minimo

Vengono mostrati i soli 200 gusci più sollecitati.

Shell	Cont.	Nodo	Sollecitazione									
			Ind	N.br.	Ind	Moo	Moz	Mzz	Foo	Foz	Fzz	Vo
2403	SLV 11	5796			11.59	-11.57	-3.34	-1594	358	-80	3	-48
2460	SLV 7	5797			-11.37	9.72	3.46	-1561	339	-78	-3	49
3545	SLV 9	5458			-120.62	-14.13	-41.29	-1327	-112	-268	554	50
2291	SLV 9	5438			-178.83	-21.19	-50.15	-1231	-170	-409	397	155
2389	SLU 1	6164			32.82	-10.98	6.8	-1124	87	16	86	-60
2324	SLV 9	5438			-156.45	36.5	13.06	-1082	200	-426	262	-25
1906	SLU 3	5746			-20.79	0.96	0.92	-898	289	-158	-55	-5
3531	SLV 9	5473			30.26	0.18	-3.19	-858	-499	-405	62	-17
2402	SLV 11	5796			15.58	-4.56	-3.88	-844	162	23	-26	-43
2461	SLV 7	5797			-16.06	2.82	3	-842	158	33	25	41
2408	SLV 11	5798			4.34	-5.92	37.36	-815	252	-910	29	-68
2439	SLV 7	5799			-4.9	5.75	-34.28	-791	247	-902	-28	62
3538	SLV 9	5473			-47.45	-0.91	-10.99	-780	-376	-271	219	3
1215	SLV 13	952			-22.73	25.69	294.8	-717	-217	-1438	-102	-535
3116	SLU 7	896			56.64	-24.65	-132.17	-710	-169	-1056	-19	264
3115	SLU 7	896			77.78	-57.73	29.63	-706	29	-714	-139	87
1210	SLV 13	952			-47.17	81.87	83.85	-704	-69	-729	33	44
2404	SLV 11	5798			3.46	-8.53	15.92	-688	8	-425	12	-17
2435	SLV 7	5799			-4.05	7.92	-15.07	-673	14	-413	-13	17
1856	SLU 3	5745			18.28	-1.45	-0.87	-659	214	-118	47	4
2292	SLV 9	5488			-11.12	11.03	-24.58	-643	-69	15	14	38
2398	SLV 11	6455			-14.28	10.94	0.13	-637	106	-76	3	-5
2464	SLV 7	6454			13.72	-15.1	-4.81	-633	89	-87	34	5
2397	SLV 11	6424			-30.12	6.68	-3.09	-625	131	205	33	17
2473	SLV 7	6426			30.17	-1.55	16.98	-619	129	193	-11	-33
2259	SLV 9	5168			-29.27	10.02	-3.55	-616	-229	-167	51	30
2325	SLV 9	5488			-13.03	0.91	-31.87	-598	82	0	18	-61
2258	SLV 9	5168			-35.18	5.88	-4.14	-586	-306	-193	-74	29
2082	SLV 9	5775			31.34	-8.79	-3.73	-582	71	-54	-9	-14
2081	SLV 9	5439			-14.13	-1.53	-39.41	-561	-69	0	172	-74
2077	SLV 5	5779			9.66	11.78	-4.22	-550	-33	-69	1	-35
840	SLV 1	957			-2.61	-50.28	30.39	-544	-109	-293	100	52
3521	SLU 7	958			1.34	62.29	-27.75	-537	-126	-283	-134	-32
2984	SLV 3	951			-5.97	1.04	-33.55	-521	-139	-350	-128	68
3546	SLV 9	5154			-66.96	0.18	-7.41	-515	-250	-334	-184	41
2465	SLV 7	6454			5.69	-7.48	-9.78	-492	78	-19	24	28

Shell Ind	Cont. N.br.	Nodo Ind	Sollecitazione								
			Moo	Moz	Mzz	Foo	Foz	Fzz	Vo	Vz	
3539	SLV 9	5155	-26.36	-4.24	-8.78	-470	-214	-337	-86	26	
2399	SLV 11	6489	-8.19	13.65	6.96	-465	93	6	5	-12	
2260	SLV 9	5169	-5.11	11.92	-2.7	-463	-154	13	16	22	
2293	SLV 9	5169	-5.23	9.43	-2.61	-459	-64	51	19	12	
2326	SLV 9	5489	-5.28	3.82	-5.73	-431	47	34	15	3	
1211	SLV 13	885	-36.85	45.31	101.15	-422	27	-433	3	130	
3128	SLV 5	884	19.17	-20.95	-25.87	-397	32	-292	-19	-66	
2542	SLV 15	5805	9.4	-19.89	-6.32	-395	143	-28	9	-50	
1216	SLV 13	885	-40.18	24.74	44.7	-394	-67	-327	35	46	
2462	SLV 7	5793	-0.1	-7.59	1.55	-391	173	-49	24	24	
2401	SLV 11	5792	0.49	5.9	0.5	-372	178	-56	-24	-14	
2227	SLV 9	4875	-5.72	13.07	8.4	-364	-209	-75	14	12	
2261	SLV 9	5170	1.63	10.77	3.01	-362	-112	29	9	13	
2294	SLV 9	5170	1.57	9.05	3.2	-361	-63	46	10	9	
3129	SLV 5	884	22.46	-15.5	5.63	-360	-75	-238	-34	-51	
2226	SLV 9	4875	-6.01	11.98	8.37	-357	-244	-84	13	16	
2463	SLU 7	6484	1.33	-19.31	11.97	-351	47	-37	4	-27	
1907	SLU 1	5746	-21.03	-0.74	0.87	-351	126	-47	-44	-6	
2327	SLV 9	5490	0.53	5.51	-1.69	-341	12	42	10	2	
2537	SLV 3	5801	9.98	20.92	-6.48	-341	-133	-25	-9	-51	
575	SLV 3	6125	4.33	-18.21	0.58	-336	-44	-22	26	8	
2400	SLV 11	6489	1.27	11.04	9.12	-327	110	-11	16	-12	
839	SLV 1	957	3.31	-38.78	30.96	-316	-41	-258	35	44	
2075	SLV 5	5779	9.37	8	-4.24	-314	-25	34	15	-18	
2228	SLV 9	4878	1.31	13.11	9.66	-312	-174	-2	8	8	
3511	SLU 7	958	-2.43	48.16	-28.13	-311	-47	-239	-40	-16	
1581	SLV 3	6407	36.8	15.06	-0.95	-309	-44	-20	-36	1	
3103	SLU 7	896	52.55	12.16	-110.75	-306	182	-880	108	251	
2084	SLV 9	5775	34.57	-6.98	-3.41	-300	28	55	-27	-5	
1221	SLV 13	744	-15.24	9.21	47.3	-298	-171	-471	-4	-64	
2409	SLV 11	5816	0.94	-2.67	14.24	-295	46	2	13	-7	
2225	SLV 9	4871	-9.8	6.52	9.62	-293	-203	-175	24	16	
2262	SLV 9	5171	2.91	10.39	7.18	-293	-102	34	5	9	
2295	SLV 9	5171	2.87	9.08	7.29	-291	-61	42	6	9	
2065	SLV 9	5647	2.69	26.93	-20.49	-290	141	-287	-57	-349	
1940	SLV Y	929	4.33	-2.88	0.2	-290	91	-68	-13	5	
2358	SLV 9	5809	-7.41	1.14	-3.83	-290	98	11	27	-13	
2438	SLV 7	5817	-1.47	2.69	-13.8	-289	41	-2	-13	8	
1902	SLV Y	919	-4.35	2.88	-0.2	-288	90	-68	13	-5	
2328	SLV 9	5491	2.04	6.5	2.77	-283	-10	29	6	6	
2359	SLV 9	5810	-1.37	2.02	-2.36	-282	68	8	12	-4	
2985	SLV 3	951	-9.69	-0.71	-34.13	-280	-86	-294	10	82	
1945	SLV Y	3244	-2.18	-0.44	1.27	-280	-49	-17	-14	0	
1903	SLV Y	3243	2.17	0.44	-1.27	-278	-49	-18	14	0	
3512	SLV 13	3354	4.65	86.01	63.17	-277	-132	-111	-18	71	
875	SLV 5	3353	4.15	-41.05	8.39	-271	-106	-146	18	-6	
103	SLV 3	6101	11.08	-7.93	-0.95	-270	-23	-16	40	7	
2229	SLV 9	4882	4.86	12.34	11.88	-265	-151	12	4	5	
2405	SLV 11	5816	1.52	-5.7	16.35	-265	-110	-30	17	-7	
2085	SLV 7	6335	4.2	6.02	-0.96	-264	-34	-5	15	8	
2360	SLV 9	5811	-0.29	3.85	0.1	-263	36	8	6	2	
2413	SLV 11	5505	-0.27	1.12	10.28	-262	155	-325	6	-14	
3130	SLU 7	743	16.91	-18.45	-11.22	-259	-159	-376	-20	10	
2125	SLU 7	1015	-1.18	-12.77	-19.08	-256	-10	-348	10	-22	
99	SLU 7	6098	4.28	3.8	0.97	-256	18	-14	-22	-7	
2442	SLV 7	5506	0.07	-0.83	-9.6	-255	150	-324	-5	13	
3127	SLV 5	3345	12.74	-27.7	5.06	-255	108	-339	-24	7	
2434	SLV 7	5817	-1.99	5.38	-15.66	-254	-113	-29	-18	7	
1239	SLV X	6353	52.54	-11.14	-0.89	-252	32	-11	57	4	
3547	SLV 9	4872	-16.28	-3.12	1.52	-252	-100	-290	28	15	
838	SLV 1	1018	2.78	-34.09	-5.99	-251	1	-141	26	-25	
1206	SLV 9	3339	-7.72	37.98	7.2	-250	113	-167	17	9	
74	SLV X	6073	-46	11.13	0.47	-250	37	-13	-54	-3	
1866	SLU 1	5745	18.45	0.12	-0.83	-248	95	-36	38	5	
2361	SLV 9	5811	1.1	4.6	0.18	-246	15	7	4	3	
2296	SLV 9	5492	5.32	8.21	5.46	-245	-56	23	4	9	
2263	SLV 9	5172	6.02	9.99	10.02	-244	-99	24	3	7	
2329	SLV 9	5492	5.3	7.3	5.5	-243	-31	18	4	8	
3501	SLU 7	1019	-3.08	40.56	16.2	-238	-13	-122	-30	66	
2195	SLV 9	4587	1.24	13.59	13.97	-234	-199	-40	5	-1	
2194	SLV 9	4587	1.24	13.47	13.97	-233	-215	-43	8	0	
837	SLV 1	1079	-1.52	-31.72	-13.56	-232	7	-107	16	-20	
874	SLV 1	3353	1.23	-41.91	3.11	-232	-46	-152	6	2	
2124	SLU 10	1076	-3.05	-14.58	-32.29	-231	-40	-290	12	-43	
1212	SLV 13	883	-17.65	44.61	30.69	-230	-9	-137	19	-7	
2362	SLV 9	5812	4.46	5.93	1.84	-230	-6	2	2	5	
2078	SLV Y	6337	-5.98	3.6	-2.41	-229	-15	-9	17	-4	
836	SLV 1	1140	-4.41	-29.37	-22.76	-229	6	-96	3	-26	
1217	SLV 13	883	-15.73	34.56	42.01	-229	-102	-164	13	-27	
2071	SLV Y	6339	-5.39	-8.06	1.44	-228	36	-6	-76	8	
835	SLV 1	1201	-5.62	-26.71	-29.79	-228	3	-92	-1	-28	
1220	SLV 13	744	-14.84	-3.61	47.32	-226	-124	-507	20	-64	
3180	SLV 13	6349	135.1	-55.22	0.34	-226	-73	-44	-146	22	
834	SLV 1	1262	-6.39	-23.81	-36.63	-225	-1	-90	-2	-31	
2552	SLV 15	5806	-1.68	-7.07	65.82	-223	93	-379	18	-91	
2230	SLV 9	4885	5.67	11.47	13.82	-223	-141	14	2	2	
3522	SLV 13	3352	-9.46	91.48	53.07	-222	-156	-280	-30	47	
3502	SLU 7	3354	-3.98	49.35	-11.17	-222	-48	-147	-6	20	
3117	SLV 5	743	13.41	-5.04	-10.03	-221	-147	-377	-31	0	
2083	SLV Y	6337	-3.11	-0.64	0.09	-221	20	18	-20	-19	
2363	SLV 9	6303	3.69	6.62	-0.36	-220	-15	-6	7	7	
2536	SLV 11	4091	-4.67	1.47	-38.98	-220	127	-613	12	-61	
833	SLV 1	1323	-6.91	-20.88	-43.19	-219	-4	-88	-3	-34	
876	SLV 5	3351	16.85	-43.09	9.99	-217	-95	-307	16	12	
574	SLV 3	6125	3.48	-17.53	0.54	-217	-15	-14	-14	2	
3491	SLU 7	1080	2.19	36.73	23.99	-217	-4	-105	-18	59	
2330	SLV 9	5815	6.1	7.28	2.32	-214	-37	3	2	9	
2297	SLV 9	5493	6.73	8.34	7.35	-214	-67	11	3	9	
3142	SLV 5	882	3.97	-18.08	-6.09	-214	8	-96	-17	8	

Shell Ind	Cont. N.br.	Nodo Ind	Sollecitazione							
			Moo	Moz	Mzz	Foo	Foz	Fzz	Vo	Vz
2597	SLV 7	4092	-5.03	-1.53	-40.02	-213	-124	-595	-14	-63
3141	SLV 5	882	4.87	-20.3	1.28	-213	-17	-88	-22	7
832	SLV 1	1384	-7.25	-17.93	-49.51	-213	-8	-86	-3	-37
3535	SLV 9	4354	-16.41	2.17	-1.01	-212	39	-89	25	-1
102	SLV 3	6101	2.4	-6.01	-0.12	-212	-9	-10	2	-10
2196	SLV 9	4589	4.13	13.06	14.44	-211	-183	-10	3	-5
3481	SLU 7	1141	5.32	32.97	33.3	-209	-4	-101	-8	65
3081	SLU 3	441	-3.13	3.49	-35.35	-209	26	-20	-3	-77
3084	SLU 3	440	-2.66	3.54	-33.82	-208	45	-20	-3	-76
2364	SLV 9	6298	5.53	7.06	-0.18	-208	-24	-7	5	7
2264	SLV 9	5173	7.21	9.51	11.96	-207	-102	13	2	6
2193	SLV 9	4584	-2.79	11.62	14.05	-207	-205	-92	7	3
2961	SLV 13	801	-9.94	-3.67	1.59	-205	-358	-170	-66	12
831	SLV 1	1445	-7.53	-15.03	-55.47	-205	-11	-83	-3	-40
3078	SLU 3	442	-3.11	3.34	-36.21	-205	8	-19	-4	-77
3087	SLU 3	439	-2.11	3.55	-31.52	-205	66	-21	-3	-74
100	SLV 3	6098	9.72	-1.98	0.21	-203	0	-9	8	-9
3471	SLV 9	1202	7.52	29.94	63.1	-202	-37	-81	-8	70
873	SLV 1	3355	-0.46	-37.97	-6.01	-202	0	-107	5	-12
101	SLV 3	6100	3.47	-4.27	0.33	-202	-3	-7	5	-8
1222	SLV 13	740	-12.15	19.67	30.04	-202	-181	-144	10	-37
2357	SLV 7	6337	17.9	11.92	0.93	-201	16	-27	-54	-37
3072	SLU 3	443	-4.72	3.23	-36.58	-199	-9	-19	-2	-76
3075	SLU 3	442	-5.42	3.23	-36.44	-198	6	-18	-3	-77
2945	SLU 3	480	-2.06	-3.71	-31.55	-197	-55	-20	5	-72
2946	SLU 3	479	-2.47	-3.65	-32.95	-197	-37	-20	5	-73
830	SLV 1	1506	-7.72	-12.2	-60.98	-196	-14	-81	-2	-42
3090	SLU 3	438	-1.29	3.45	-28.32	-196	89	-21	-4	-70
2331	SLV 9	5818	7.11	7.52	3.29	-195	-49	-3	1	9
2123	SLV 9	1076	-3.56	-10.33	-23.2	-195	-84	-241	4	-34
2944	SLU 3	481	-1.55	-3.73	-29.44	-194	-75	-21	5	-70
3461	SLV 9	1263	8.1	25.72	69.59	-194	-41	-79	-6	73
2491	SLV 3	5800	-1.5	7.65	67.88	-194	-84	-368	-19	-95
3114	SLV 1	3345	8.95	-29.85	2.77	-193	134	-333	-32	19
1571	SLV 3	6407	37.42	13.05	-0.89	-193	-20	-11	-1	6
2947	SLU 3	478	-2.45	-3.49	-33.71	-193	-21	-20	5	-73
12	SLV 1	3348	-0.84	-3.22	-0.19	-192	-44	-45	24	131
118	SLV 13	3325	-1.15	0.65	-5.9	-192	89	-101	-23	3
2365	SLV 9	6293	6.83	7.1	-0.04	-190	-31	-8	3	8
2231	SLV 9	4893	6.9	10.58	15.22	-189	-136	6	1	0
2298	SLV 9	5498	7.44	8.2	8.59	-188	-77	1	2	9
2048	SLV 5	6332	53.03	-0.41	0.74	-188	27	1	85	-7
829	SLV 1	1567	-7.89	-9.48	-65.93	-187	-17	-57	-1	-44
2943	SLU 3	482	-0.79	-3.62	-26.46	-186	-97	-21	5	-66
3069	SLU 3	444	-5.06	3.03	-36.35	-186	-23	-19	-2	-74
2197	SLV 9	4592	4.57	12.08	15.09	-186	-170	-3	1	-7
3492	SLU 7	3356	-1.86	43.05	-0.94	-186	-23	-107	-5	38
2948	SLU 3	477	-3	-3.45	-33.96	-186	-6	-19	5	-72
2080	SLV 5	5439	-15.07	-14.42	-46.07	-185	85	61	49	11
2543	SLV 15	5806	-3.41	-11.96	31.39	-185	22	-174	-8	6
872	SLV 1	3357	-1.05	-34.64	-12.64	-184	3	-90	5	-17
3534	SLV 9	4354	-15.17	1.81	-0.4	-184	34	-44	27	0
3451	SLV 9	1324	8.48	21.99	75.74	-183	-44	-75	-6	75
1207	SLV 9	3339	-6.91	33.63	7.28	-182	73	-145	24	9
573	SLV 3	6124	-3.21	-17.16	0.14	-182	-6	-4	-17	-1
3093	SLU 3	437	-0.28	3.2	-24.03	-181	118	-19	-5	-63
1129	SLV 5	6348	-25.67	22.85	-0.48	-181	-37	-21	27	-5
2054	Port.	6350	-0.99	2.45	0.57	-181	-40	-20	21	-2
1990	SLV X	5759	-12.79	2.28	0.69	-181	66	-42	-37	2
3140	SLV 5	3338	1.78	-22.15	1.33	-180	81	-124	-24	-1
242	SLV 3	6007	7.7	-4.48	-3.87	-180	-15	-17	4	-6
3143	SLV 5	739	4.18	-14.13	-4.72	-180	-164	-106	-12	9
2122	SLV 9	1137	-2.98	-9.51	-31.08	-179	-81	-198	3	-43
1205	SLV 9	3346	-17.62	43.9	7.72	-179	68	-374	15	6
2949	SLU 3	477	-5.05	-3.34	-34.16	-179	-6	-18	5	-72

Sollecitazioni con sforzo Foo massimo

Vengono mostrati i soli 200 gusci più sollecitati.

Shell Ind	Cont. N.br.	Nodo Ind	Sollecitazione							
			Moo	Moz	Mzz	Foo	Foz	Fzz	Vo	Vz
3545	SLV 7	5458	67.22	5.13	16.38	1117	111	127	-565	-6
1441	SLU 1	6394	-2.54	-20.57	-1.02	809	-74	25	-89	46
2291	SLV 7	5438	8.14	27.05	-16.07	807	64	194	-51	36
1379	SLV 15	6366	20.08	17.88	-0.77	781	67	22	87	41
2324	SLV 7	5438	3.13	10.96	-18.71	715	-172	205	-21	-16
2398	SLV 11	5786	-38.58	10.63	1.56	714	78	138	-42	9
2081	SLV 7	5439	9.77	7.81	38.32	672	-7	45	-172	60
2464	SLV 7	5787	42.02	-8.41	-3.08	661	16	91	48	-41
1902	SLU 1	919	18	-8.22	-11.08	625	-155	-188	-46	-10
1451	SLU 1	6394	-2.15	-17.53	-0.95	618	-44	9	-12	26
1903	SLU 1	3243	-6.83	-1.51	-1.39	615	160	-91	-58	14
1369	SLV 15	6366	20.21	16.1	-1.73	606	38	11	2	26
1940	Sisma liquame Y_SLV	929	-5.35	4.17	-2.21	571	-157	147	18	-12
3538	SLV 7	5473	31.86	-3.95	5.35	569	264	145	-209	-10
1945	Sisma liquame Y_SLV	929	-5.5	0.85	-0.08	562	46	108	18	-1
1581	SLV 13	6407	-143.41	-28.8	1.95	557	59	17	125	-13
2390	SLV 11	5786	-19.86	-3.08	23.07	555	133	594	-27	-63
3531	SLV 7	5473	-20.26	-2.34	0.11	549	323	223	-37	4
1582	SLU 1	6392	-21.87	10.59	2.13	545	-104	-32	67	53
1471	SLV 15	6396	14.72	3.47	0.16	543	-9	-1	-13	9
1359	SLV 15	6365	22.42	11.3	0.28	531	22	1	5	15
2403	SLV 11	6622	4.92	-7.53	24.85	524	89	-279	-1	-11
2466	SLV 7	5787	23.73	3.68	-19.74	520	111	540	-5	54
1590	SLU 1	6391	-7.34	13.57	2.84	519	-92	-7	50	15
1461	SLU 1	6395	5.87	-11.76	0.31	516	-27	-1	-13	16
2460	SLV 7	6623	-4.72	6.77	-24.66	512	82	-288	1	12

Shell Ind	Cont. N.br.	Nodo Ind	Sollecitazione								
			Moo	Moz	Mzz	Foo	Foz	Fzz	Vo	Vz	
2387	SLU 8	6183	1.02	-10.94	-0.18	512	-69	-4	-19	-2	
1481	SLV 15	6397	21.67	6.06	0.05	510	-8	-3	-9	7	
1782	SLU 1	6368	-20.31	-9.48	1.63	507	91	-32	-64	62	
575	SLV 13	6126	252.96	27.16	8.61	493	68	16	-153	-19	
1491	SLV 15	6398	24.79	6.99	0.02	485	-6	-2	3	6	
1450	SLU 1	5834	-12.59	-11.36	18.37	485	-89	34	-24	8	
1583	SLU 1	5785	-2	-2.03	30.14	482	-74	-17	-50	3	
1910	SLU 3	5752	37.81	1.54	0.03	475	203	164	-45	4	
1774	SLU 1	6369	-6.38	-12.02	2.77	474	87	-9	-50	21	
1368	SLV 15	5859	19.52	9.89	9.13	474	70	9	12	12	
2292	SLV 7	5168	-7.99	15.05	-2.51	473	61	-14	11	2	
1598	SLU 1	6390	-0.91	11.81	0.66	471	-89	-17	34	5	
1470	SLV 15	5880	19.59	5.46	4.04	465	-28	-3	-14	9	
1501	SLV 15	6399	23.72	7.8	0	462	-6	-3	9	5	
2258	SLV 7	5168	-4.26	17.23	-2.11	461	154	58	86	28	
2259	SLV 7	5168	-7.83	16.84	-2.47	461	103	51	9	17	
1358	SLV 15	5859	18.3	8.94	9.17	455	58	8	7	12	
1440	SLU 1	5834	-12.79	-8.69	18.39	452	-105	47	6	13	
1783	SLU 1	5784	4.79	3.23	35.82	452	62	-19	63	-2	
1480	SLV 15	5880	19.7	6.43	4.06	448	-22	-4	-10	9	
1460	SLU 1	5860	1.84	-9.12	9.03	447	-69	6	-15	15	
1591	SLU 1	5839	-22.47	7.21	23.02	447	-86	-20	4	1	
2386	SLU 8	6183	-7.18	-11.42	-1	445	-36	1	-23	4	
1162	SLU 7	6180	21.11	-37.78	0.01	444	-1	-4	-18	4	
1161	SLU 7	6180	21	-37.6	0	443	0	-4	-12	3	
1511	SLV 15	6400	19.6	2.14	-0.02	442	-5	-2	16	4	
1606	SLU 1	6389	0.11	9.28	-2.66	439	-78	-22	20	5	
3535	SLV 7	3739	-4.82	4.93	0.61	436	-168	15	27	1	
1163	SLU 7	6175	12.37	-37.39	0.02	433	5	-5	-24	2	
1160	SLU 7	6185	26.99	-36.62	0	432	-3	-4	-8	5	
3510	SLU 7	6181	-21.27	37.55	-0.01	431	-1	-4	17	-4	
2388	SLU 4	6178	-6.64	-9.73	0.13	430	-143	6	-60	9	
2325	SLV 7	5488	-10.29	14.46	-0.62	430	-81	-25	16	9	
1349	SLV 15	5871	22.7	7.26	7.02	429	25	-1	6	12	
1348	SLV 15	5871	22.81	6.3	7.09	429	48	0	5	11	
3500	SLU 7	6181	-21.16	37.37	0	428	-1	-4	12	-3	
2385	SLU 8	6188	-0.85	-13.67	-0.64	428	-19	-10	-18	5	
1766	SLU 1	6370	0.5	-9.31	0.95	426	83	-16	-38	10	
1614	SLU 1	6388	2.46	6.82	-5.03	425	-65	-28	20	3	
1490	SLV 15	5885	25.3	7.49	3.17	425	-20	-7	2	9	
1599	SLU 1	5864	-13.89	8.9	9.33	424	-87	-27	2	12	
3520	SLU 7	6176	-12.62	37.15	-0.02	422	4	-5	24	-2	
1159	SLV 1	6190	22.83	-36.67	0	421	-6	-3	-8	2	
1521	SLV 15	6401	11.86	3.3	-0.04	420	-6	-3	24	2	
1378	SLV 15	5833	11.06	6.58	17.82	419	88	51	-10	5	
2384	SLU 8	6193	3.44	-14.67	-0.52	417	-13	-13	-15	7	
3490	SLU 7	6186	-27.05	36.4	0	416	-4	-4	8	-5	
3536	SLU 3	3530	-12.51	5.18	0.2	413	93	189	20	12	
1158	SLV 1	6195	26.39	-34.56	0	411	-6	-2	3	3	
1775	SLU 1	5838	-21.31	-5.81	26.93	411	74	-23	-1	3	
2383	SLU 8	6198	7.22	-15.25	-0.27	408	-13	-15	-12	7	
1500	SLV 15	5969	28.11	8.1	2.29	406	-18	-7	9	9	
1164	SLU 7	6170	0.1	-35.95	0.02	406	10	-6	-32	-1	
1607	SLU 1	5984	-7.78	7.66	4.3	404	-80	-34	-2	7	
1630	SLU 1	6386	2.87	0.67	-7.43	403	-40	-24	24	-1	
1622	SLU 1	6387	4.7	3.95	-5.91	403	-49	-23	26	-1	
1157	SLV 1	6200	29.12	-31.99	0	399	-7	-2	3	4	
1531	SLV 15	6402	-0.12	3.84	-0.06	399	-6	-3	34	0	
3480	SLU 7	6191	-30.84	34.68	0	398	-6	-4	5	-7	
2382	SLU 8	6203	10.13	-15.18	-0.08	396	-14	-15	-9	8	
3530	SLU 7	6171	-0.46	35.72	-0.02	396	10	-6	32	1	
2465	SLU 3	5791	7.46	-10.31	-3.2	396	100	-7	5	-30	
1758	SLU 1	6371	0.48	-5.84	-2.74	392	73	-21	-24	13	
1571	SLV 13	6407	-144.12	-23.93	1.89	390	24	10	75	-19	
2399	SLV 11	5790	-1.66	10.39	0.59	389	102	3	-36	-8	
1615	SLU 1	5998	-4.77	5.97	0.63	387	-74	-40	-5	6	
1156	SLV 1	6205	31.19	-29.04	0	387	-7	-2	3	5	
1510	SLV 15	5976	19.65	2.34	1.31	387	-18	-8	15	9	
1469	SLV 15	5577	21.19	6.84	8.87	386	-39	-6	-14	9	
2397	SLV 11	5784	-23.2	4.44	7.37	386	-4	41	-9	21	
3546	SLV 7	5154	-4.14	1.19	13.09	385	155	190	90	-6	
1767	SLU 1	5863	-13.73	-7.25	12.31	383	78	-28	0	16	
2381	SLU 8	6208	12.43	-14.62	0.11	383	-17	-16	-7	8	
1584	SLU 1	5546	-14.92	-2.7	23.98	383	-54	-27	-33	-12	
2071	SLV 5	6339	-0.13	9.66	0.62	381	-60	7	46	-13	
1638	SLU 1	6385	-3.83	-4.59	-9.64	381	-31	-12	11	4	
2990	SLV 13	945	5.62	-1.61	35.5	380	-53	71	16	-19	
2989	SLV 13	946	6.57	-3.21	38.08	378	-68	82	20	-21	
1623	SLU 1	6009	-2.89	4.29	-2.3	378	-65	-44	-9	5	
1592	SLU 1	5546	-14.94	-0.58	23.98	377	-64	-24	-4	-9	
1541	SLV 15	6403	-17.11	2.63	-0.06	377	-7	-3	46	-3	
3470	SLU 7	6196	-33.08	32.39	0	376	-7	-4	3	-8	
1750	SLU 1	6372	3.72	-2.12	-5.53	376	63	-25	-28	14	
1479	SLV 15	5577	21.2	7.45	8.89	376	-35	-6	-10	10	
2991	SLV 13	944	4.51	-0.53	31.83	375	-40	61	12	-16	
1896	SLU 3	5751	-31.21	-3.63	1.94	375	145	122	41	-9	
2389	SLV Y	6164	0.16	-0.07	0.06	374	-16	-24	0	0	
1155	SLV 1	6210	32.73	-25.81	0	374	-7	-3	3	5	
1339	SLU 1	6363	22.82	6.08	0.08	374	15	-4	6	10	
2077	SLV Y	5779	-15.26	-7.08	2.92	372	20	47	16	24	
2988	SLV 13	947	7.38	-5.65	39.01	372	-81	98	25	-23	
3537	SLU 3	3478	-3.35	8.17	0.58	370	121	-63	16	-6	
1671	SLU 1	6384	1.86	-8.82	-12.49	370	-32	-29	9	18	
1520	SLV 15	5978	12.55	3.37	0.12	369	-18	-8	24	9	
2260	SLV 7	5169	-3.28	15.87	1.16	368	53	-54	8	6	
2380	SLU 8	6213	14.16	-13.61	0.26	367	-19	-16	-5	8	
3539	SLV 7	5155	-8.83	-4.51	1.47	367	133	192	24	8	
2992	SLV 13	943	3.45	0.14	27.57	366	-29	53	9	-12	
1600	SLU 1	5687	-9.72	3.37	8.55	365	-63	-45	5	5	

Shell Ind	Cont. N.br.	Nodo Ind	Sollecitazione								
			Moo	Moz	Mzz	Foo	Foz	Fzz	Vo	Vz	
2293	SLV 7	5169	-3.28	15.33	1.43	365	-2	-71	8	5	
1357	SLV 15	5563	21.11	5.19	13.19	362	82	6	8	8	
1154	SLV 1	6215	33.85	-22.35	0	361	-7	-3	3	6	
1489	SLV 15	5663	24.41	8.36	7.71	361	-31	-9	1	11	
1631	SLU 1	6017	-2.76	2.19	-4.77	361	-50	-47	-16	4	
1551	SLV 15	6404	-40.01	-0.84	-0.09	361	-4	-2	60	-5	
3106	SLU 7	6159	-16.5	-33.46	0.01	360	18	-7	-42	-4	
1701	SLV 9	5481	29.71	-3.77	101.66	359	71	-13	-107	-108	
1439	SLU 1	5543	-8.77	-3.62	22.83	359	-101	17	7	-2	
2987	SLV 13	948	7.39	-9.05	37.19	359	-92	121	32	-23	
1759	SLU 1	5983	-8.26	-5.28	7.43	358	71	-34	3	12	
1125	SLU 7	5892	20.92	-37.92	1.65	357	-2	-18	-12	7	
2986	SLV 13	949	6.31	-14.17	31.04	357	-92	157	39	-24	
1640	SLV 11	5487	-24.09	8.23	-37.3	357	33	-94	-55	-36	
1126	SLU 7	5892	20.9	-38.04	1.65	356	2	-18	-17	8	
2985	SLV 13	950	-1.52	-19.4	12.34	356	-84	219	69	-1	
1449	SLU 1	5553	-0.11	-5.16	16.95	355	-99	15	-13	8	
2993	SLV 13	942	2.42	0.54	23.06	355	-18	46	5	-8	
1347	SLV 15	5563	20.8	3.99	13.24	355	74	3	6	8	
1459	SLU 1	5553	-0.01	-5.32	16.95	354	-95	15	-15	6	
2082	SLV Y	5775	-13.86	6.09	1.85	354	-31	36	7	8	
1639	SLU 1	6021	-6.89	-1.06	-6.05	354	-39	-39	-17	-1	
1561	SLV 15	6406	-108.9	-9.29	-0.45	353	1	3	77	-12	
3460	SLU 7	6201	-34.21	29.66	0	353	-7	-4	1	-9	
1165	SLU 7	6169	16.02	33.23	-0.01	353	17	-7	42	4	
1608	SLU 1	5687	-10.47	3.52	8.48	352	-63	-45	4	4	
1124	SLU 7	5894	26.17	-36.98	2.95	352	-11	-16	-7	8	
1784	SLU 1	5545	-13.06	3.79	28.72	352	37	-26	39	-13	
1674	SLU 1	6383	0.75	-10.63	-15.36	351	-30	-28	14	32	
1530	SLV 15	5974	1.35	3.72	-1.35	350	-20	-10	34	8	
2352	SLU 8	5883	6.27	-14.93	1.97	350	-18	-20	-6	8	
2351	SLU 8	5878	9.07	-15.62	2.91	349	-19	-24	-4	9	
2379	SLU 8	6218	15.46	-12.25	0.38	349	-22	-16	-4	8	
1367	SLV 15	5552	15.92	5.59	16.58	349	82	18	6	5	
1127	SLU 7	5890	12.99	-37.48	0.15	348	15	-20	-24	7	
1153	SLV 1	6220	34.63	-18.72	0	348	-7	-3	2	6	
2473	SLV 7	5785	21.55	-3.77	-5.04	347	-18	35	-35	-8	
2994	SLV 13	942	-0.55	0.63	23.11	346	-17	45	3	-8	
1641	SLV 11	5487	-24.91	5.42	-40.49	346	-22	-110	-54	56	
1499	SLV 15	5673	27.13	8.86	6.51	345	-30	-12	8	13	
2350	SLU 8	5878	10.01	-15.78	3	345	-19	-24	-3	8	
3499	SLU 7	5893	-21.09	37.7	-1.64	345	-4	-18	11	-7	
3509	SLU 7	5893	-21.07	37.81	-1.64	345	0	-17	17	-8	
1742	SLU 1	6373	6.38	1.84	-7.71	345	51	-23	-35	18	
1776	SLU 1	5545	-13.05	1.84	28.73	344	49	-25	8	-10	
1123	SLV 1	5896	21.34	-36.84	1.89	343	-16	-11	-7	-2	
1616	SLU 1	5706	-5.31	2.59	0.66	343	-55	-58	1	5	
1677	SLU 1	6382	0.66	-10.99	-18.27	343	-27	-31	12	46	
2353	SLU 10	5981	2.46	-13.53	0.9	343	-24	-6	-6	6	
2078	SLV 5	6337	10.57	0.03	6.23	342	12	8	6	-2	
1632	SLU 1	5718	-9.67	0.3	-4.19	339	-38	-65	-8	8	
3489	SLU 7	5895	-26.24	36.76	-2.93	338	-13	-16	7	-8	
3519	SLU 7	5891	-13.25	37.25	-0.14	338	13	-20	23	-7	
1122	SLV 1	5898	24.45	-34.71	2.59	338	-19	-9	3	-2	
2349	SLU 8	5870	11.97	-15.61	3.69	337	-24	-26	-2	8	
2085	SLV 9	6335	15.76	-11.78	-3.72	337	68	17	-144	-9	
2995	SLV 13	941	-0.05	0.74	18.74	336	-7	40	0	-5	
1152	SLV 3	6225	35.19	-14.92	0	336	-5	-3	2	6	
1751	SLU 1	5997	-5.85	-2.63	4.5	336	66	-37	4	12	
1329	SLU 1	6362	26.36	3.78	0.05	336	12	-3	2	9	
1377	SLV 15	5542	10.47	3.35	21.92	336	80	19	-6	-5	
1338	SLU 1	5879	20.65	4.98	5.83	336	43	-5	7	12	
1624	SLU 1	5713	-5.7	1.39	-1.98	336	-50	-62	-1	6	
1680	SLU 1	6381	0.76	-9.58	-20.8	336	-20	-35	9	58	
2083	SLV 9	6337	2.71	4.22	-0.82	334	-33	-42	50	37	
2326	SLV 7	5489	-3.8	13.69	-1.34	334	-64	-50	8	-1	
1540	SLV 15	5972	-14.69	2.08	-3.07	333	-19	-9	45	7	
1666	SLV 9	5483	16.48	4.76	90.49	333	-49	-28	132	-77	
3079	SLU 3	905	3.95	1.49	28.32	333	25	60	-8	-10	
2996	SLU 3	940	2.26	-1.07	18.76	333	12	45	-7	-1	
1688	SLV 9	5482	84.75	-3.06	177.11	333	59	-309	-123	303	
2378	SLV 7	6223	12.69	-9.17	0.38	332	3	-11	-3	3	
1509	SLV 15	5676	20.12	2.85	5.07	331	-29	-13	15	13	
3076	SLU 3	906	2.84	1.03	26.71	331	8	56	-3	-9	
1121	SLV 1	5900	26.81	-32.11	3.15	330	-20	-9	3	-2	

Sollecitazioni con sforzo Fzz minimo

Vengono mostrati i soli 200 gusci più sollecitati.

Shell Ind	Cont. N.br.	Nodo Ind	Sollecitazione								
			Moo	Moz	Mzz	Foo	Foz	Fzz	Vo	Vz	
1215	SLV 13	802	-22.21	-8.77	0.72	-257	-282	-1574	-60	-561	
2984	SLV 13	802	21.39	-2.32	22.23	-301	-397	-1207	-9	294	
3116	SLU 7	746	34.4	-5.16	18.98	-260	-251	-1181	5	281	
2408	SLV 11	5494	-0.23	0.46	7.89	-116	416	-1063	14	-64	
2439	SLV 7	5495	0.38	0.05	-7.61	-108	401	-1047	-12	59	
2472	SLV 7	4321	-1.28	-15.13	6.71	-116	290	-1030	75	-117	
2396	SLV 11	4320	-0.74	13.73	-7.5	-126	291	-1021	-63	122	
3103	SLU 7	896	52.55	12.16	-110.75	-306	182	-880	108	251	
1210	SLV 13	952	-47.17	81.87	83.85	-704	-69	-729	33	44	
1220	SLV 13	802	-19.89	-9.96	31.51	-175	-32	-725	20	-69	
2536	SLV 15	4362	0.28	-2.11	-0.98	-105	211	-719	3	-33	
3115	SLU 7	896	77.78	-57.73	29.63	-706	29	-714	-139	87	
3521	SLU 7	952	-70.7	61.59	-29.32	-521	-77	-704	-134	-63	
840	SLU 7	896	69.67	-61.98	28.82	-523	-71	-697	132	62	
2597	SLV 3	4363	0.38	2.36	-1.75	-98	-198	-691	-3	-37	
2961	SLV 13	802	21.8	-2.5	29.82	-199	-243	-606	-66	-61	
3117	SLU 7	746	31.62	-2.84	-7	-177	-41	-549	-33	11	
2459	SLV 9	4361	0.27	-2.93	-5.22	-48	-101	-539	3	-1	

Shell	Cont.	Nodo	Sollecitazione								
			Ind	Moo	Moz	Mzz	Foo	Foz	Fzz	Vo	Vz
2324	SLV 9	5777	25.18	34.11	-28.81	-149	217	-493	-120	6	
1221	SLV 13	744	-15.24	9.21	47.3	-298	-171	-471	-4	-64	
1211	SLV 13	3346	-19.04	64.57	38.55	-273	106	-464	-27	126	
2291	SLV 9	5154	0.23	-23.36	1.71	-626	-340	-458	-49	176	
3522	SLU 7	3350	-39.45	53.17	-3.59	-193	-41	-458	-25	6	
1205	SLU 7	3350	-38.79	43.86	-3.52	-141	60	-457	38	5	
876	SLU 7	3349	39.04	-53.47	3.58	-196	-33	-455	25	-6	
2428	SLV 5	4360	-0.32	2.98	4.23	-37	-78	-455	-4	-2	
3114	SLU 7	3349	38.22	-44.19	3.5	-144	66	-455	-38	-6	
2460	SLV 7	5799	-6.4	11.45	-15.31	-1458	213	-448	-3	12	
3104	SLU 7	746	34.28	0.53	28.19	-79	155	-447	88	-56	
3545	SLV 9	5438	136.01	-28.81	-18.69	-1142	-152	-443	551	-2	
2552	SLV 15	5497	0.94	2.26	25.03	-50	135	-431	24	-85	
2443	SLU 7	5495	0.63	-1.93	-12.75	39	53	-427	1	13	
2404	SLV 11	5798	3.46	-8.53	15.92	-688	8	-425	12	-17	
2403	SLV 11	5798	5.19	-12.4	16.09	-1495	197	-424	5	-13	
2412	SLU 7	5494	-0.35	2.64	13.43	41	57	-417	0	-14	
2491	SLV 3	5496	0.94	-2.06	25.34	-48	-123	-416	-25	-89	
2435	SLV 7	5799	-4.05	7.92	-15.07	-673	14	-413	-13	17	
1206	SLV 13	3346	-20.76	72.26	41.04	-234	98	-412	2	32	
3531	SLV 9	5473	30.26	0.18	-3.19	-858	-499	-405	62	-17	
3130	SLU 7	743	16.91	-18.45	-11.22	-259	-159	-376	-20	10	
3128	SLU 3	3345	18.76	-37.2	12.67	-234	127	-370	-27	-77	
2527	SLU 7	4362	0.4	-5.52	-0.66	-17	60	-369	-1	-19	
3127	SLU 7	3345	18.24	-36.58	9.43	-238	131	-368	-41	10	
2447	SLU 7	4904	-0.03	-3.27	-2.89	-28	55	-359	-1	7	
2588	SLU 7	4363	0.5	5.91	-0.14	-16	-54	-353	2	-19	
2442	SLU 7	5189	-0.64	-1.9	-5.04	-22	131	-351	-8	16	
2413	SLU 7	5188	0.5	2.44	5.24	-24	144	-350	9	-17	
2125	SLU 7	1015	-1.18	-12.77	-19.08	-256	-10	-348	10	-22	
2258	SLV 9	5154	4.01	5.08	-0.32	-519	-261	-345	-78	16	
2416	SLU 7	4903	0.04	3.86	2.65	-29	60	-342	1	-8	
3538	SLV 9	5158	14	-6.13	-4.66	-436	-407	-341	-100	2	
3539	SLV 9	5155	-26.36	-4.24	-8.78	-470	-214	-337	-86	26	
1200	SLU 7	3615	-23.54	44.63	-10.08	-47	50	-334	24	-4	
3546	SLV 9	5154	-66.96	0.18	-7.41	-515	-250	-334	-184	41	
3113	SLU 7	3614	23.12	-44.93	10.11	-47	56	-333	-25	4	
3523	SLU 7	3615	-23.39	48.99	-10.06	-59	2	-332	2	-1	
912	SLU 7	3614	22.93	-49.29	10.09	-59	9	-331	-2	1	
2124	SLU 7	1015	-0.72	-14.15	-19.04	-218	-4	-329	12	-26	
1226	SLV 13	606	-7.56	6.67	3.41	-22	-138	-328	11	-26	
1216	SLV 13	885	-40.18	24.74	44.7	-394	-67	-327	35	46	
2455	SLV 9	4361	0.28	-2.55	-5.04	-11	-38	-320	2	-3	
3512	SLU 7	3617	-22.59	55.85	-13.63	-114	-87	-314	-16	2	
875	SLU 7	3616	22.19	-56.15	13.7	-115	-79	-312	15	-3	
1688	SLV 9	5482	84.75	-3.06	177.11	333	59	-309	-123	303	
2985	SLV 1	951	-12.5	-1.52	-42.49	-270	-96	-306	16	95	
1685	SLV 9	5482	81.46	0.35	177.28	305	-50	-306	155	297	
1201	SLV 13	3612	-12.93	80.14	22.63	-38	98	-304	18	17	
1225	SLV 13	606	-0.95	5.23	3.93	44	16	-298	14	-26	
2466	SLV 9	5522	2.7	-1.96	3.59	-7	-73	-296	1	69	
3547	SLV 9	4872	-16.28	-3.12	1.52	-252	-100	-290	28	15	
2065	SLV 9	5647	2.69	26.93	-20.49	-290	141	-287	-57	-349	
2451	SLU 7	4904	-0.01	-3.61	-2.92	1	26	-287	0	2	
1901	SLU 3	3751	-5.51	-2.86	1.43	-66	-20	-284	-24	-11	
2424	SLV 5	4360	-0.34	2.7	3.99	-9	-29	-284	-2	2	
3126	SLU 7	3611	12.37	-36.5	8.52	-30	135	-283	-42	7	
1902	SLU 3	3243	-6.14	-0.53	3.97	495	-19	-281	-44	38	
3532	SLV 9	5158	-5.65	-1.61	-5.56	-103	-169	-279	-30	9	
2123	SLU 7	1076	-3.35	-14.69	-32.33	-182	-34	-277	9	-45	
1935	SLU 3	3761	7.87	4.24	1.49	-56	19	-277	21	2	
3513	SLU 7	3617	-22.62	53.53	-13.91	-107	-52	-275	-13	5	
911	SLU 7	3616	22.22	-53.82	13.97	-107	-45	-275	13	-5	
2518	SLU 7	4905	0.14	-5.51	17.78	-18	22	-274	0	-19	
3129	SLU 3	884	27.92	-25.13	12.31	-320	-47	-273	-48	-69	
3540	SLV 9	4872	-4.71	-4.2	2.72	-130	-48	-273	8	8	
3131	SLU 3	605	9.43	-15.11	2.23	-18	-120	-271	-11	5	
2471	SLV 7	4321	-0.93	-14.69	10.21	-19	92	-269	28	31	
839	SLV 1	3351	14.46	-46.3	5.23	-286	-78	-268	41	44	
2579	SLU 7	4906	0.15	5.92	18.24	-17	-20	-268	0	-19	
2938	SLV 13	664	5.08	-4.52	0.34	11	-212	-268	-10	-28	
3511	SLU 7	3352	-22.12	57.18	-13.84	-286	-89	-267	-53	-16	
2561	SLU 7	5497	1.51	4.67	40.11	-7	18	-265	8	-23	
2500	SLU 7	5496	1.47	-4.24	39.93	-9	-14	-263	-8	-23	
2157	SLU 7	3486	-0.18	-21.21	-9.31	83	23	-260	-1	-20	
2420	SLU 7	4903	0.02	4.15	2.67	3	31	-259	0	-3	
1940	SLV 9	929	-10.88	4.16	5.51	11	14	-256	26	3	
2225	SLV 9	4866	-20.94	2.35	6.04	-287	-199	-252	25	18	
2509	SLU 7	4905	0.14	-5.35	17.72	-13	-3	-252	0	-21	
3524	SLU 7	4195	-15.52	46.19	-12.23	22	33	-252	11	-8	
2446	SLU 7	5189	-0.6	-2.62	-5.31	10	76	-251	-6	6	
948	SLU 7	4194	15.08	-46.47	12.29	23	40	-251	-11	8	
3118	SLU 3	605	6.14	-12.91	1.9	36	-6	-250	0	3	
2526	SLU 7	4635	0.17	-5.1	8.96	-42	64	-250	2	-19	
1195	SLU 7	4195	-15.5	42.89	-12.23	43	74	-250	27	-9	
2156	SLU 7	3486	-0.18	-21.13	-9.31	18	-10	-249	2	-22	
2570	SLU 7	4906	0.15	5.77	18.18	-14	6	-249	0	-21	
3112	SLU 7	4194	15.05	-43.17	12.29	44	80	-249	-27	10	
2019	SLV 5	3489	-1.89	-7.07	-5.04	-47	-83	-248	-2	52	
2429	SLU 7	4021	-0.96	2.89	2.14	-1	65	-246	-8	4	
2020	SLU 3	3489	-7.09	-7.43	-22.74	-37	-78	-246	-32	-23	
2589	SLU 7	4636	0.17	5.5	9.54	-40	-58	-246	-2	-18	
2395	SLV 11	4320	-1.01	14.26	-9.62	-29	96	-246	-14	-30	
1956	SLV 9	3499	2.26	7.9	-1.73	-42	22	-243	-11	27	
1957	SLU 3	3499	-5.85	8.49	-21.11	-35	22	-243	22	-24	
2458	SLU 7	4022	1.1	-3.08	-4.2	-8	58	-243	9	-6	
1930	SLU 3	3761	7.98	4.97	2.24	-36	1	-241	20	-7	
2417	SLU 7	5188	0.46	3.18	5.57	12	85	-241	7	-7	
2122	SLU 7	1137	-4.45	-13.95	-43.5	-152	-30	-235	7	-56	

Shell Ind	Cont. N.br.	Nodo Ind	Sollecitazione							
			Moo	Moz	Mzz	Foo	Foz	Fzz	Vo	Vz
1196	SLV 13	4193	-4.73	84	11.01	27	95	-233	27	5
1958	SLU 3	4402	-16.25	8.61	-3	-28	-4	-231	-2	12
2517	SLU 7	4635	0.17	-5.15	8.94	-41	32	-230	0	-17
1900	SLU 3	3751	-6.12	-3.5	-4.46	-43	-44	-230	-20	-4
2021	SLU 3	3751	-6.28	-3.49	3.46	-40	-45	-229	9	20
2580	SLU 7	4636	0.16	5.56	9.52	-39	-26	-228	-1	-17
1892	SLU 3	3508	-9.27	-0.6	-7.51	151	-58	-227	-5	25
3514	SLU 7	4197	-19.36	50.15	-16.24	-14	-16	-225	1	-3
947	SLU 7	4196	18.99	-50.43	16.33	-12	-10	-225	-1	3
3105	SLU 3	608	7.13	1.57	0.4	14	129	-223	8	-23
2356	SLU 3	6047	-1.86	-13.08	-8.35	173	-118	-223	11	-54
3125	SLU 7	4192	3.69	-35.96	9.25	43	131	-222	-41	13
2155	SLU 7	3485	0.05	-20.09	-14.46	-20	-31	-221	4	-31
2081	SLV 5	5437	54.92	-4.03	-42.62	-548	62	-219	114	-115
2064	SLV 5	5821	12.5	-2.51	39.01	-54	34	-214	253	-6
1910	SLU 3	5397	53.47	5.37	4.59	-123	-68	-211	-38	5
2390	SLV 5	5521	-1.1	-0.34	-4.22	-11	-47	-210	-12	-56
2562	SLU 7	5186	0.76	3.18	26.81	-31	26	-209	6	-28
2571	SLU 7	5186	0.74	4.15	27.11	-21	-3	-209	2	-19
2450	SLU 7	4640	-0.18	-3.73	-1.39	3	91	-208	-2	2
3101	SLV 1	747	-6.65	4.82	0.89	-124	244	-207	0	19
2508	SLU 7	5185	0.76	-3.73	26.77	-21	8	-207	-2	-19
1207	SLV 13	3610	-6.36	65.94	15.99	-72	124	-205	24	22
2192	SLV 9	4576	-5.05	5.99	11.68	-163	-150	-205	-1	3
1939	SLU 3	3509	10	0.08	5.89	127	-28	-202	6	-21
2121	SLU 7	1198	-5.62	-12.86	-53.31	-132	-28	-202	6	-65
2499	SLU 7	5185	0.78	-2.75	26.48	-28	-16	-201	-6	-28
1202	SLV 13	3610	-6.39	69.83	16.03	-57	124	-197	31	4
3548	SLV 9	4576	-9.07	3.37	11.05	-123	-115	-196	-8	4
2154	SLU 7	3483	-0.17	-18.49	-19.96	-34	-37	-194	4	-39
2430	SLV 11	4375	0.54	1.04	-1.62	68	91	-193	3	4
3536	SLU 3	3739	-6.31	8.39	2.69	222	-93	-193	39	4
2189	SLU 7	3748	3.1	-23	1.17	113	27	-192	-4	-13
2454	SLV 9	4640	-0.62	-2.25	-2.71	-14	-47	-191	-2	-3
2421	SLU 7	4639	0.02	4.19	0.81	5	103	-191	2	-3
2457	SLV 7	4376	-0.68	-0.98	1.14	63	89	-190	-3	-5
2188	SLU 7	3748	3	-22.5	1.15	78	6	-190	-1	-14
2962	SLU 7	663	2.92	-6.29	10.89	-66	-303	-189	-12	15
2389	SLU 3	6019	-14	-2.07	-2.14	184	-112	-189	22	-26
1190	SLU 7	4477	-9.14	40.54	-11.19	92	82	-189	30	-13
1896	SLU 3	5387	-43.66	-3.92	-4.18	-94	-58	-189	36	13
3525	SLU 7	4477	-9.09	43.32	-11.19	82	52	-188	18	-12
3111	SLU 7	4476	8.69	-40.8	11.25	94	88	-188	-30	14
2259	SLV 9	4871	-12.52	9.4	9.38	-360	-265	-188	12	31
1893	SLU 3	3243	-6.19	-1.59	-1.66	288	22	-188	-5	18
984	SLU 7	4476	8.64	-43.58	11.25	84	58	-188	-18	12
1959	SLU 3	4680	-27.41	9.04	-1.09	-6	-24	-184	18	-4
3541	SLV 9	4588	-6.83	0.02	6.48	-100	-29	-184	-1	2
1925	SLU 3	4402	16.48	5.14	1.49	15	42	-183	10	-13
2226	SLV 9	4871	-12.49	10.03	9.35	-337	-230	-182	13	13
910	SLU 7	4198	17.47	-51.56	20.11	-46	-48	-182	4	-11
2120	SLU 7	1259	-6.53	-11.59	-61.8	-118	-28	-181	5	-71
3503	SLU 7	4199	-17.75	51.26	-19.99	-48	-55	-181	-5	10
2542	SLV 15	5806	-3.9	-20.2	31.34	-357	102	-181	-9	12
1702	SLV 7	5167	-30.15	2	-33.63	58	-22	-180	15	37
2022	SLU 3	4392	-11.53	-6.97	-4.69	-31	-23	-178	5	2
1217	SLV 13	740	-12.82	26.48	27.65	-206	-141	-178	3	-28
3515	SLU 7	4479	-16.25	46.9	-15.56	57	9	-178	8	-8
983	SLU 7	4478	15.88	-47.16	15.65	60	15	-177	-8	8
1903	SLU 3	803	-0.36	-1.37	5.92	60	168	-177	-25	15
3533	SLV 7	4892	-9.15	-0.48	0.48	33	-19	-177	-3	-9
1899	SLU 3	4670	-20.72	-3.98	-1.81	-6	15	-175	-2	4
1667	SLV 7	5167	-38.49	-3.74	-34.43	56	-1	-175	-27	34
2543	SLV 15	5806	-3.41	-11.96	31.39	-185	22	-174	-8	6
2187	SLU 7	3747	3.61	-21.19	-0.59	47	-17	-173	1	-20
2425	SLV 5	4639	0.52	2.45	2.27	-10	-36	-172	2	2
2537	SLV 3	5800	-3.79	21.26	32.31	-305	-95	-172	-9	13
1944	SLU 3	3244	6.77	1.33	-0.67	250	34	-172	5	-13
2426	SLV 11	4375	0.56	1.83	-1.19	48	145	-171	3	1
946	SLU 7	4198	17.48	-50.37	20.2	-42	-32	-170	3	-1
1191	SLV 13	4475	2.36	85.16	4.95	78	101	-170	37	-4
2153	SLU 7	3482	-0.63	-16.68	-25.2	-37	-41	-170	4	-45
3504	SLU 7	4199	-17.76	50.09	-20.08	-44	-39	-170	-3	1
3139	SLU 3	3609	-7.95	-29.48	8.77	-19	149	-168	-54	16
2190	SLU 7	3749	1.11	-22.7	1.7	157	85	-168	-11	-7
3140	SLU 3	3609	-7.99	-29.96	8	-33	144	-168	-52	2
2453	SLV 7	4376	-0.7	-1.63	0.72	43	140	-168	-3	-1
1703	SLV 7	4892	-17.87	1.69	-20.44	84	-14	-168	2	22
1668	SLV 7	4621	-25.18	0.76	-14.17	96	-16	-167	-13	19
2482	SLU 3	5800	-3.28	12.79	32.36	-158	-19	-167	8	7
2119	SLU 7	1320	-7.33	-10.31	-69.14	-109	-30	-166	4	-76
3543	SLU 3	3478	-3.47	10.4	-0.05	232	-27	-166	8	-3
2082	SLV 9	5776	26.09	-5.51	20.62	-512	88	-165	-6	44

Sollecitazioni con sforzo Fzz massimo

Vengono mostrati i soli 200 gusci più sollecitati.

Shell Ind	Cont. N.br.	Nodo Ind	Sollecitazione							
			Moo	Moz	Mzz	Foo	Foz	Fzz	Vo	Vz
2428	SLV 11	4360	1.11	1.79	-2.28	159	310	817	0	-21
2459	SLV 7	4361	-1.17	-1.69	1.43	149	290	748	-1	19
2390	SLV 11	5521	4.5	-6.43	-12.5	4	226	730	-64	-63
2466	SLV 7	5522	-5.47	6.7	12.29	2	216	671	67	54
3116	SLV X	746	-1.44	-5.09	4.52	48	60	378	-21	-187
3103	SLV X	746	-3.01	-0.81	-4.79	110	-116	303	14	-67
2391	SLV 11	5521	5.14	-0.54	-5.26	-67	14	301	-55	7
2392	SLV 11	5091	0.11	4.19	-3.21	26	48	292	-3	-9
2125	SLU 10	3494	-8.56	-15.08	1.45	239	170	292	-5	-11
3166	SLU 7	3326	-72.28	-2.91	-4.73	44	28	290	-61	11

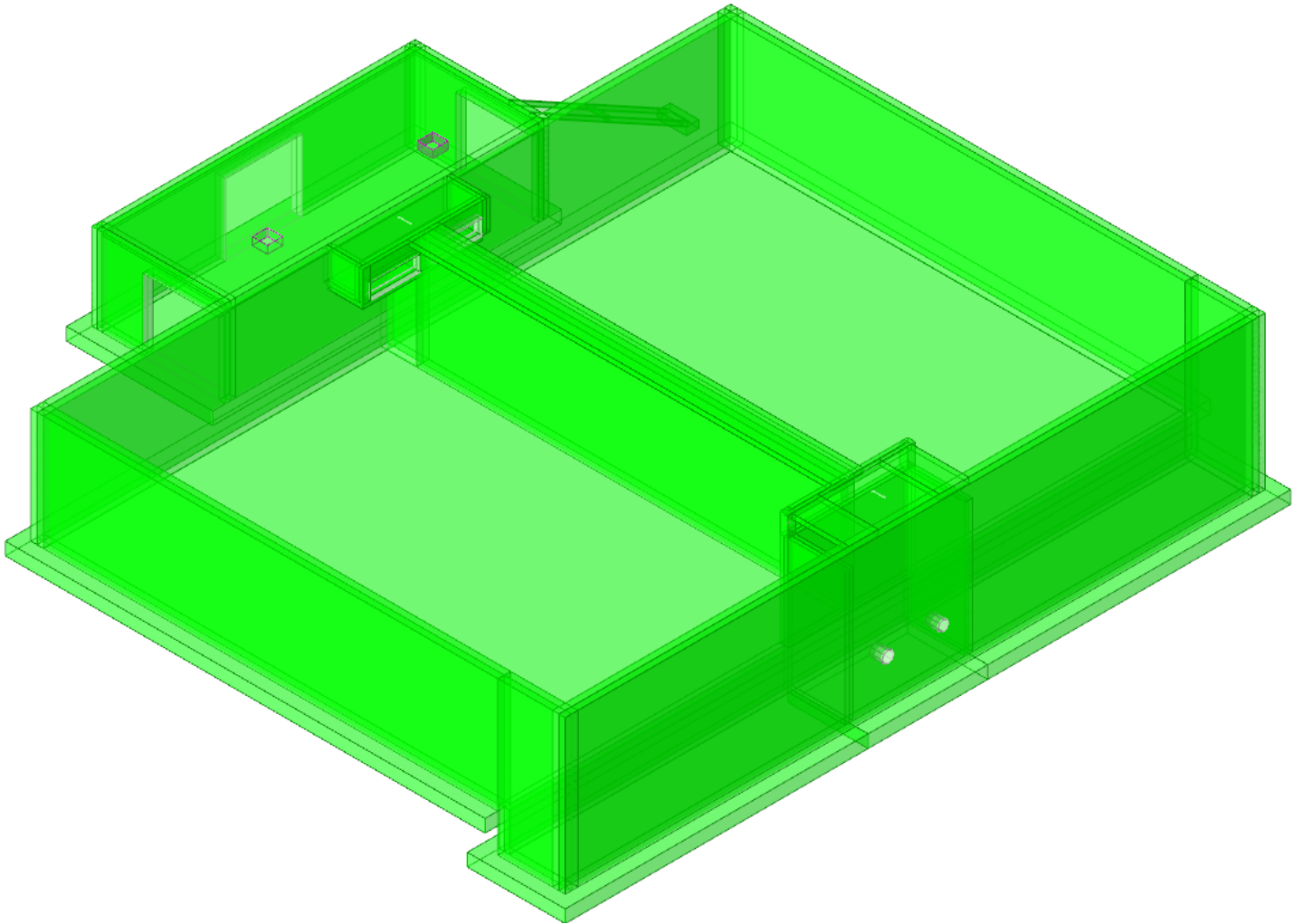
Shell	Cont.	Nodo	Sollecitazione								
			Ind	Moo	Moz	Mzz	Foo	Foz	Fzz	Vo	Vz
1209	SLU 7	3327	71.78	2.85	4.47	43	24	289	61	-12	
66	SLU 7	3601	93.29	4.9	2.35	96	-34	288	70	-39	
583	SLU 7	3602	92.65	-4.95	1.64	96	29	287	-69	-37	
2467	SLV 7	5522	-6.15	0.25	4.78	-64	14	279	59	-3	
65	SLU 7	3326	71.73	6.24	-4.97	76	-17	273	48	-21	
584	SLU 7	3327	71.15	-6.26	-5.47	76	12	272	-47	-19	
2324	SLV Y	5777	-17.2	-11.84	11.78	92	-121	271	60	-22	
2397	SLV 11	5786	-21.56	5.27	5.81	362	9	271	-8	10	
2468	SLV 7	5092	-0.08	-4.73	4.15	25	47	270	4	13	
3165	SLU 7	3601	-93.53	-3.15	-8.69	66	71	267	-78	3	
1204	SLU 7	3602	93.02	3.12	8.45	66	67	266	78	-4	
3167	SLU 7	872	-49.24	-2.49	-1.96	5	-9	264	-38	16	
1214	SLU 7	873	48.82	2.44	1.7	5	-13	263	38	-17	
67	SLU 7	4184	111.15	3.48	8.69	104	-48	260	83	-51	
582	SLU 7	4185	110.4	-3.59	7.89	104	43	258	-81	-48	
2473	SLV 7	5787	24.54	-7.07	-4.55	316	-6	254	-42	-32	
3531	SLV Y	5473	-20.16	-2.18	1.17	543	329	252	-42	8	
1940	Sisma liquame Y_SLV	3499	15.51	3.11	-0.16	151	-241	251	-27	-11	
1902	Sisma liquame Y_SLV	3489	-15.5	-3.11	0.16	151	-241	251	27	11	
1219	SLV 13	873	28.78	20.24	2.21	-5	-58	240	23	-31	
2291	SLV Y	5154	-14.78	17.06	3.85	365	204	238	46	-55	
3168	SLU 7	872	-49.26	-2.52	-2.14	8	-25	234	-37	23	
64	SLU 7	872	48.78	6.41	-7.68	44	3	228	26	-6	
585	SLV 13	730	12.5	10.43	-2.86	-12	-50	228	10	12	
3545	SLV Y	5438	-113.51	16.62	-4.26	742	114	227	-395	48	
3164	SLU 7	4184	-111.18	-3.45	-12.06	94	89	225	-88	-4	
1199	SLU 7	4185	110.58	3.43	11.88	94	84	224	88	3	
2985	SLV 13	950	-1.52	-19.4	12.34	356	-84	219	69	-1	
68	SLU 7	4448	124.95	1.68	14.99	102	-58	211	89	-55	
581	SLU 7	4449	124.13	-1.75	14.13	102	53	210	-88	-52	
3538	SLV Y	5158	-12.71	0.49	1.13	251	282	205	52	-4	
2597	SLV X	4363	0.22	0.07	-1.41	36	69	203	1	-3	
3546	SLV 7	5155	-43.36	-2.78	-1.98	334	131	201	89	26	
2986	SLV 13	950	-7.54	-14.87	11.69	309	-101	199	39	-3	
2984	SLV 15	951	-8.52	-26.99	-33.32	150	-151	197	-24	64	
3539	SLV Y	5155	8.02	-1.04	4.78	270	160	196	46	-6	
1215	SLV Y	802	8.3	-5.19	7.78	74	57	192	-11	-5	
2258	SLV Y	5154	-17.02	0.89	4.13	306	172	192	59	-2	
1210	SLV Y	952	12.74	-5.28	32.24	132	-1	191	-40	51	
840	SLV Y	896	-12.95	2.9	-31.91	122	37	191	-17	-47	
3521	SLV Y	952	12.94	-2.73	32.26	121	36	191	16	48	
3115	SLV Y	896	-12.75	5.41	-31.89	134	-9	190	39	-50	
3536	SLU 3	3530	-12.51	5.18	0.2	413	93	189	20	12	
2424	Port.	4360	0.42	0.43	-2.79	13	77	173	2	-3	
1956	Sisma liquame Y_SLV	3499	-12.55	5.45	-18.83	14	28	172	31	140	
2019	Sisma liquame Y_SLV	3489	-12.54	-5.44	-18.81	14	-28	172	-31	140	
2962	SLV 15	800	-2.87	-2.93	12.66	-104	-254	170	10	6	
3171	SLV 15	3422	40.72	-33.08	-3.59	77	92	169	-38	-139	
3547	SLV Y	4872	3.22	2.02	2.6	108	82	168	-17	-4	
1224	SLV 13	730	12.92	13.97	2.28	-18	-98	167	7	-36	
3169	SLU 3	729	-36.39	-0.91	-1.99	0	-53	166	-29	34	
3117	SLV X	746	-1.97	-5.11	11.48	32	2	165	6	-29	
3163	SLU 7	4448	-124.81	-3.96	-14.99	100	102	165	-91	-8	
1194	SLU 7	4449	124.08	3.94	14.86	100	98	164	90	8	
1910	SLU 3	5752	37.81	1.54	0.03	475	203	164	-45	4	
2158	SLU 10	3494	-9.04	-18	-3.05	187	116	164	-13	-7	
2963	SLV 15	800	-2.04	-3.28	12.75	14	-197	161	9	4	
1572	SLV 15	3149	9.18	-5.42	-21.08	-74	-21	161	-8	-50	
3540	SLV Y	4872	-4.29	1.32	1.85	35	54	160	-7	-2	
1688	SLV Y	5482	-52.3	1.74	-116.11	-119	-33	160	81	-185	
2415	SLV 11	5537	-8.72	0.2	-1.5	-3	36	159	10	12	
1685	SLV Y	5482	-49.61	-1.25	-115.84	-109	34	159	-93	-181	
2440	SLV 11	5538	9.29	0.15	0.68	-1	27	158	-12	-9	
2090	SLV 9	6061	-28.9	-12.8	-2.55	-53	49	157	-37	13	
2492	SLV 11	5214	-9.07	-0.14	-0.35	18	43	157	-14	-18	
2569	SLV 11	5215	-9.74	0.36	0.47	21	-34	157	15	-14	
2987	SLV 13	949	-6.69	-10.67	30.02	315	-99	156	32	-20	
2393	SLV 11	5091	0.66	5.18	2.08	7	24	156	-9	-17	
586	SLU 3	730	35.16	-8.53	-9.19	34	-20	155	-13	-3	
63	SLU 3	729	35.5	8.49	-8.87	35	16	155	14	-4	
3532	SLV Y	5158	-0.02	-1.48	2.47	40	128	154	17	-5	
3172	SLV 15	3687	73.3	-38.24	4.82	129	27	153	-77	-79	
1573	SLV 15	3422	-42.65	-22.46	2.51	77	-44	151	63	24	
69	SLU 7	4713	135.28	0.14	19.45	94	-61	151	90	-55	
1984	SLU 10	3494	27.77	0.85	0.25	-59	-39	150	47	-61	
580	SLU 7	4714	134.32	-0.18	18.51	95	56	149	-88	-52	
1991	SLU 10	924	-0.12	-2.74	-25.19	-3	-2	149	4	-55	
2225	SLV Y	4866	5.28	2.19	2.02	147	127	149	-9	-5	
319	SLU 7	3321	49.2	20	-7.73	93	-40	148	39	-8	
329	SLU 7	3600	62.2	17.61	-5.11	109	-47	147	52	-8	
668	SLU 7	3320	48.32	-20.15	-7.79	93	33	147	-39	-8	
2491	SLV X	5496	0.08	0.3	-0.45	21	67	146	0	3	
658	SLU 7	3598	61.26	-17.84	-5.56	109	40	146	-52	-9	
2072	SLV 5	6070	-14.55	7.67	-2.66	-23	-55	145	20	5	
2560	SLU 7	5538	-12.73	-0.69	5.8	36	-1	144	15	1	
2483	SLV 11	5537	-8.43	0.26	5.56	27	27	144	-11	-3	
2455	SLV Y	4361	-0.51	-0.31	2.64	9	71	143	-2	3	
3104	SLV X	746	-2.84	-0.67	-6.61	76	-69	142	-9	14	
2436	SLU 7	5538	12.81	0.15	-1.72	1	-12	141	-19	7	
2398	SLV 11	5786	-38.58	10.63	1.56	714	78	138	-42	9	
309	SLU 7	3321	49.09	20.61	-9.11	93	-28	137	37	-5	
2411	SLU 7	5537	-13.15	-0.12	1.94	0	-8	137	19	-6	
678	SLU 7	3320	48.21	-20.81	-9.21	93	22	137	-36	-4	
2076	SLV 5	5444	3.69	2.1	7.41	-42	-55	137	23	33	
2469	SLV 7	5092	-0.73	-5.8	-2.26	7	23	134	11	19	

Shell	Cont.	Nodo	Sollecitazione								
			Ind	Moo	Moz	Mzz	Foo	Foz	Fzz	Vo	Vz
2964	SLV 13	799	4.83	-4.12	18.46	115	-171	133	-1	-24	
339	SLU 7	4183	74.97	14.25	-1.98	110	-52	131	62	-11	
648	SLU 7	4180	73.51	-14.52	-2.36	111	45	129	-61	-10	
2396	SLV 11	3778	-5.01	1.33	3.45	0	73	128	-66	27	
2472	SLV 7	3804	2.44	-2.69	-11.26	-42	68	128	17	-48	
3100	Sisma liquame X_SLV	897	-0.47	4.55	7.8	141	-3	127	-9	-13	
2444	SLU 7	5215	12.98	-0.78	1.33	-3	44	126	-16	-9	
2065	SLV Y	5821	-15.32	-0.75	-13.28	131	-58	124	1	182	
805	SLU 3	3421	-32.68	13.99	3.11	74	37	123	42	71	
2988	SLV 13	948	-4.87	-6.78	36.29	335	-94	122	25	-22	
1896	SLU 3	5751	-31.21	-3.63	1.94	375	145	122	41	-9	
1230	SLU 3	3093	2.68	-2.04	-3.2	-33	23	119	2	-4	
2578	SLU 7	4937	-10.93	0	0.72	17	-24	118	11	-12	
2419	SLU 7	5214	-13.3	1.04	-1.87	-4	53	118	16	11	
3537	SLU 3	3530	-12.49	4.89	-0.07	360	73	116	15	7	
1213	SLU 7	876	31.28	16.76	-0.25	-60	-25	115	36	-10	
1702	SLV 9	5167	42.98	-2.48	50.04	171	31	115	-4	-55	
3154	SLU 7	875	-31.65	-16.84	0.39	-60	-20	114	-37	11	
1667	SLV 9	5167	50.51	6.54	50.76	162	-29	114	38	-61	
2192	SLV Y	4576	-0.13	1.15	0.31	66	90	114	4	-1	
876	SLV Y	3349	-7.05	1.61	-11.65	23	35	113	-1	-14	
3522	SLV Y	3350	7.07	-1.44	11.87	22	34	113	1	14	
3548	SLV Y	4576	2.18	1.32	0.54	31	67	112	9	-2	
3114	SLV Y	3349	-7.55	-0.52	-11.7	22	2	112	19	-13	
688	SLU 7	869	35.89	-20.53	-6.32	64	12	112	-23	-7	
299	SLU 7	871	36.49	20.4	-6.37	64	-19	112	24	-7	
1205	SLV Y	3350	7.58	0.68	11.92	22	-2	111	-19	13	
841	SLV 11	3686	-55.83	-3.64	-6	102	26	111	64	45	
2501	SLU 7	4936	-11.06	0.26	0.07	17	29	110	-11	-14	
1231	SLV 11	3421	-31.55	-12.97	2.55	70	48	110	-44	22	
1574	SLV 15	3687	-72.83	-28.67	-4.94	83	-44	109	79	9	
3162	SLV 1	4713	-83.13	-9.14	-12.73	64	98	109	-43	-26	
1372	SLV 11	4318	-29.09	21.34	-45.9	-18	97	108	29	-53	
1945	Sisma liquame Y_SLV	929	-5.5	0.85	-0.08	562	46	108	18	-1	
1903	Sisma liquame Y_SLV	919	5.5	-0.84	0.07	561	46	108	-18	1	
1189	SLU 7	4714	134.16	4.64	17.03	103	95	106	88	10	
3130	SLV X	743	-0.26	-1.65	18.07	68	31	106	-7	-29	
120	SLV 13	3324	-3.21	-6.51	-14.02	40	69	106	29	33	
349	SLU 7	4451	86.59	10.87	2.22	103	-54	105	69	-11	
3153	SLU 7	3605	-57.36	-16.61	-2.24	22	92	105	-60	18	
1434	SLV 7	4319	-31.34	-22.4	-50.43	-42	-118	104	-17	-40	
3173	SLV 15	4267	97.17	-41.99	14.69	114	29	104	-86	-65	
1208	SLU 7	3606	56.86	16.53	2.18	21	87	104	60	-18	
13	SLV 13	3288	0.21	4.65	-4.23	44	30	103	86	24	
638	SLU 7	4447	84.68	-11.1	1.9	104	47	103	-68	-10	
1407	SLU 1	3530	-36.76	1.78	9.87	-19	19	103	-100	-165	
2081	SLV Y	5437	-41.84	5.02	17.96	423	-56	102	-92	57	
3128	SLV X	3345	0.59	19.25	25.95	63	-25	101	-20	29	
3541	SLV Y	4588	0.14	1.21	0.55	-4	17	101	7	-1	
2124	SLV Y	1015	0.02	-0.03	-0.03	59	52	100	0	0	
2064	SLV Y	5821	-4.83	3.59	-17.35	32	-29	100	-127	-3	
1405	SLU 1	3530	-23.39	3.68	11.21	-46	-11	99	76	-169	
2226	SLV Y	4871	2.58	0.67	1.06	185	141	98	1	-2	
3152	SLV 1	3605	-37.14	-12.63	-0.97	-15	123	98	-27	18	
1203	SLU 7	3606	56.62	15.98	-0.72	20	118	98	60	-21	
2259	SLV Y	4871	2.65	1.28	1.37	199	160	97	1	-4	
2989	SLV 13	947	-4.14	-4.1	38.19	350	-80	96	20	-22	
70	SLV 1	4954	92.32	-6.19	17.09	38	-66	96	54	-48	
1935	Sisma liquame Y_SLV	3509	2.09	0.22	0.97	127	-153	93	-29	0	
1901	Sisma liquame Y_SLV	3508	-2.08	-0.22	-0.97	127	-153	93	28	0	
2448	SLU 7	4937	10.94	-0.69	2.18	17	45	93	-13	-13	
1998	SLU 10	923	-0.43	-7.84	-11.33	3	-17	93	10	-14	
2092	SLV 9	5433	10.62	-6.1	8.5	-54	64	93	-70	54	
579	SLU 7	4955	142.55	1.2	21.72	85	57	92	-87	48	
2965	SLV 13	798	5.09	-2.99	24.18	159	-141	91	-4	-34	
2464	SLV 7	5787	42.02	-8.41	-3.08	661	16	91	48	-41	
1909	SLU 3	5399	34.17	0.36	5.06	64	149	90	-32	7	
2432	SLU 7	5855	8.71	1.33	-4.45	-1	-43	90	-19	-2	
2407	SLU 7	5854	-8.96	-1.42	4.47	-1	-39	90	19	2	
1911	SLU 1	4995	-41.46	1.46	-3.48	180	70	89	-50	7	
3097	SLU 3	899	4.37	12.04	6.49	187	114	89	-37	9	
1232	SLV 11	3686	-55.82	-12.64	-4.66	83	50	88	-73	11	
3094	SLU 3	899	-7.36	9.94	5.32	177	117	88	-35	15	
14	SLV 1	3288	-0.9	0.74	-4.92	47	-31	88	85	23	
3091	SLU 3	900	-5.06	7.36	15.68	224	110	86	-29	5	
877	SLV 11	4266	-73.53	-4.65	-7.93	110	29	86	70	34	
1985	SLU 10	3756	47.54	-1.27	6.88	-45	-44	85	64	-30	
1220	SLV Y	802	7.71	-3.47	3.4	56	22	85	-8	-7	
2191	SLU 10	3756	-14.98	-19.01	-3.13	135	95	85	-24	-5	
2403	SLV 11	6594	8.17	-5.65	28.01	417	198	85	-3	-49	
1218	SLV 13	732	6.49	25.28	6.91	-87	-128	85	8	-3	
2193	SLV Y	4579	1.8	0.72	0.33	103	116	84	0	-2	
3512	SLV Y	3352	6.05	-3.17	14.86	45	57	84	5	16	
875	SLV Y	3351	-6.01	3.34	-14.61	45	57	84	-5	-16	
2423	SLU 7	4936	-11.07	1.01	-2.7	18	51	84	13	15	
3155	SLU 7	731	-19.31	-15.38	-0.31	-70	-88	84	-21	9	
2460	SLV 7	6593	-7.95	5.04	-27.89	409	209	83	1	49	
3006	Sisma liquame Y_SLV	779	-19.34	-3.57	-16.23	33	12	82	-37	-27	
3037	Sisma liquame Y_SLV	769	-19.31	3.57	-16.22	33	-12	82	37	-27	
1361	Port.	3503	1.09	6.3	7.91	-5	67	82	-21	-84	
2474	SLU 7	5854	-8.58	1.47	5.73	17	17	82	-15	10	
2587	SLU 7	4662	-7.88	0.93	-1.49	11	-29	82	9	-12	

Shell	Cont.	Nodo	Sollcitazione							
Ind	N.br.	Ind	Moo	Moz	Mzz	Foo	Foz	Fzz	Vo	Vz
2551	SLU 7	5855	-8.27	-1.53	5.94	15	-15	82	14	11
3127	SLV Y	3345	0.78	-1.35	-11.6	49	-15	82	14	-14
1206	SLV Y	3346	-0.79	1.5	11.79	48	-15	81	-14	14

VERIFICHE

1 Rappresentazione generale delle verifiche



Verifiche

Vista assometrica dell'edificio in cui vengono evidenziati gli elementi strutturali posti a verifica.

2 Verifiche

2.1 Verifiche piastre C.A.

Le unità di misura elencate nel capitolo sono in [m, kN] ove non espressamente specificato.

Nodo: indice del nodo di verifica.

Dir.: direzione della sezione di verifica.

B: base della sezione rettangolare di verifica. [m]

H: altezza della sezione rettangolare di verifica. [m]

A. sup.: area barre armatura superiori. [m²]

C. sup.: distanza media delle barre superiori dal bordo superiore della sezione. [m]

A. inf.: area barre armatura inferiori. [m²]

C. inf.: distanza media delle barre inferiori dal bordo inferiore della sezione. [m]

Comb.: combinazione di verifica.

M: momento flettente. [kN*m]

N: sforzo normale. [kN]

Mu: momento flettente ultimo. [kN*m]

Nu: sforzo normale ultimo. [kN]

c.s.: coefficiente di sicurezza.

Verifica: stato di verifica.

A. st.: area staffe su interasse. [m]

A. sag.: area sagomati su interasse. [m]

Ved: taglio agente. [kN]

Vrd: taglio resistente. [kN]

Vrdc: resistenza di calcolo a taglio per elementi privi di armature trasversali. [kN]

Vrds: resistenza di calcolo a taglio trazione. [kN]

Vrsc: resistenza di calcolo a taglio compressione. [kN]

cotgθ: cotangente dell'inclinazione dei puntoni di calcestruzzo rispetto all'asse dell'elemento.

Asl: area longitudinale tesa nella combinazione di verifica di Ved. [m²]

σc: tensione nel calcestruzzo. [kN/m²]

σlim: tensione limite. [kN/m²]

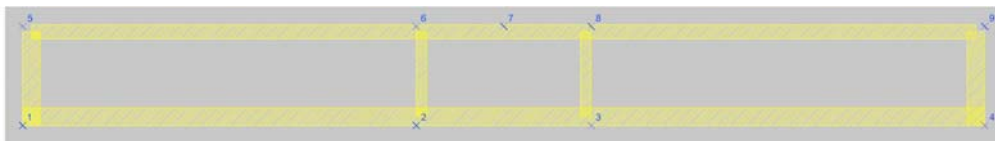
Es/Ec: coefficiente di omogenizzazione.

σf: tensione nell'acciaio d'armatura. [kN/m²]

Platea di fondazione ribassata

Verifiche condotte secondo D.M. 17-01-18 (N.T.C.)

Geometria



Caratteristiche dei materiali

Acciaio: B450C Fyk 450000
Calcestruzzo: C28/35 Rck 35000

Sistema di riferimento e direzioni di armatura

Le coordinate citate nel seguito sono espresse in un sistema di riferimento cartesiano con origine in (-0.5; -0.5; -2.6), direzione dell'asse X = (0.01; 0; 0), direzione dell'asse Y = (0; 0.01; 0).

Le direzioni X/Y di armatura e le sezioni X/Y di verifica sono individuate dagli assi del sistema di riferimento.

Verifiche nei nodi

Verifiche SLU flessione nei nodi

La struttura è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione, per le combinazioni SLV, viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Nodo	Dir.	B	H	A. sup.	C. sup.	A. inf.	C. inf.	Comb.	M	N	Mu	Nu	c.s.	Verifica
177	X	1	0.5	0.001005	0.064	0.001005	0.064	SLV 13	56.9477	0	157.7529	0	2.7701	Si
178	X	1	0.5	0.001005	0.064	0.001005	0.064	SLV 13	55.7304	0	157.7529	0	2.8306	Si
176	X	1	0.5	0.001005	0.064	0.001005	0.064	SLV 13	54.483	0	157.7529	0	2.8955	Si
257	X	1	0.5	0.001005	0.064	0.001005	0.064	SLU 1	-55.7071	0	-171.3423	0	3.0758	Si
258	X	1	0.5	0.001005	0.064	0.001005	0.064	SLU 1	-55.5653	0	-171.3423	0	3.0836	Si
256	X	1	0.5	0.001005	0.064	0.001005	0.064	SLU 4	-55.1604	0	-171.3423	0	3.1063	Si
319	X	1	0.5	0.001005	0.064	0.001005	0.064	SLU 3	-54.8644	0	-171.3423	0	3.123	Si
320	X	1	0.5	0.001005	0.064	0.001005	0.064	SLU 3	-54.7947	0	-171.3423	0	3.127	Si
295	X	1	0.5	0.001005	0.064	0.001005	0.064	SLU 1	-54.7867	0	-171.3423	0	3.1274	Si
259	X	1	0.5	0.001005	0.064	0.001005	0.064	SLU 1	-54.6816	0	-171.3423	0	3.1335	Si
294	X	1	0.5	0.001005	0.064	0.001005	0.064	SLU 1	-54.6498	0	-171.3423	0	3.1353	Si
318	X	1	0.5	0.001005	0.064	0.001005	0.064	SLU 3	-54.2682	0	-171.3423	0	3.1573	Si
296	X	1	0.5	0.001005	0.064	0.001005	0.064	SLU 1	-54.236	0	-171.3423	0	3.1592	Si
321	X	1	0.5	0.001005	0.064	0.001005	0.064	SLU 3	-54.0804	0	-171.3423	0	3.1683	Si
255	X	1	0.5	0.001005	0.064	0.001005	0.064	SLU 4	-53.9852	0	-171.3423	0	3.1739	Si
175	X	1	0.5	0.001005	0.064	0.001005	0.064	SLV 13	49.698	0	157.7529	0	3.1742	Si
293	X	1	0.5	0.001005	0.064	0.001005	0.064	SLU 1	-53.7784	0	-171.3423	0	3.1861	Si
179	X	1	0.5	0.001005	0.064	0.001005	0.064	SLV 13	49.2295	0	157.7529	0	3.2044	Si
357	X	1	0.5	0.001005	0.064	0.001005	0.064	SLU 3	-53.4404	0	-171.3423	0	3.2062	Si
356	X	1	0.5	0.001005	0.064	0.001005	0.064	SLU 3	-53.3758	0	-171.3423	0	3.2101	Si

Verifiche SLD Resistenza flessione nei nodi

La struttura è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Nodo	Dir.	B	H	A. sup.	C. sup.	A. inf.	C. inf.	Comb.	M	N	Mu	Nu	c.s.	Verifica
178	X	1	0.5	0.001005	0.064	0.001005	0.064	SLD 13	42.4885	0	157.7529	0	3.7128	Si
177	X	1	0.5	0.001005	0.064	0.001005	0.064	SLD 13	41.9791	0	157.7529	0	3.7579	Si
427	Y	1	0.5	0.001005	0.048	0.001005	0.048	SLD 13	42.0832	0	164.3694	0	3.9058	Si
366	Y	1	0.5	0.001005	0.048	0.001005	0.048	SLD 15	41.7587	0	164.3694	0	3.9362	Si
179	X	1	0.5	0.001005	0.064	0.001005	0.064	SLD 13	38.759	0	157.7529	0	4.0701	Si
176	X	1	0.5	0.001005	0.064	0.001005	0.064	SLD 13	38.6785	0	157.7529	0	4.0786	Si
295	X	1	0.5	0.001005	0.064	0.001005	0.064	SLD 3	-37.5709	0	-157.7529	0	4.1988	Si
294	X	1	0.5	0.001005	0.064	0.001005	0.064	SLD 3	-37.3194	0	-157.7529	0	4.2271	Si
296	X	1	0.5	0.001005	0.064	0.001005	0.064	SLD 3	-37.3116	0	-157.7529	0	4.228	Si
319	X	1	0.5	0.001005	0.064	0.001005	0.064	SLD 11	-36.7271	0	-157.7529	0	4.2953	Si
320	X	1	0.5	0.001005	0.064	0.001005	0.064	SLD 11	-36.5995	0	-157.7529	0	4.3102	Si
293	X	1	0.5	0.001005	0.064	0.001005	0.064	SLD 3	-36.5484	0	-157.7529	0	4.3163	Si
297	X	1	0.5	0.001005	0.064	0.001005	0.064	SLD 3	-36.5205	0	-157.7529	0	4.3196	Si
318	X	1	0.5	0.001005	0.064	0.001005	0.064	SLD 11	-36.423	0	-157.7529	0	4.3311	Si
310	Y	1	0.5	0.001005	0.048	0.001005	0.048	SLD 3	37.5727	0	164.3694	0	4.3747	Si
321	X	1	0.5	0.001005	0.064	0.001005	0.064	SLD 11	-36.0509	0	-157.7529	0	4.3758	Si
357	X	1	0.5	0.001005	0.064	0.001005	0.064	SLD 7	-35.9923	0	-157.7529	0	4.383	Si
356	X	1	0.5	0.001005	0.064	0.001005	0.064	SLD 7	-35.9347	0	-157.7529	0	4.39	Si
257	X	1	0.5	0.001005	0.064	0.001005	0.064	SLD 11	-35.9271	0	-157.7529	0	4.3909	Si
234	X	1	0.5	0.001005	0.064	0.001005	0.064	SLD 3	-35.8802	0	-157.7529	0	4.3967	Si

Verifiche SLU taglio nei nodi

Nodo	Dir.	B	H	A. sup.	C. sup.	A. inf.	C. inf.	A. st.	A. sag.	Comb.	Ved	N	Vrd	Vrdc	Vrsd	Vrcd	cotgθ	Asl	c.s.	Verifica
426	Y	1	0.5	0.001005	0.048	0.001005	0.048	0	0	SLV 15	69.53	0	183.22	183.22	0	1154.59	2.5	0.0010053	2.635	Si
427	Y	1	0.5	0.001005	0.048	0.001005	0.048	0	0	SLV 15	69.52	0	183.22	183.22	0	1154.59	2.5	0.0010053	2.6353	Si
310	Y	1	0.5	0.001005	0.048	0.001005	0.048	0	0	SLU 3	-60.41	0	183.22	183.22	0	1154.59	2.5	0.0010053	3.033	Si
311	Y	1	0.5	0.001005	0.048	0.001005	0.048	0	0	SLU 3	-60.41	0	183.22	183.22	0	1154.59	2.5	0.0010053	3.033	Si
177	X	1	0.5	0.001005	0.064	0.001005	0.064	0	0	SLV 13	-58.71	0	178.66	178.66	0	1113.72	2.5	0.0010053	3.043	Si
238	X	1	0.5	0.001005	0.064	0.001005	0.064	0	0	SLV 13	-58.71	0	178.66	178.66	0	1113.72	2.5	0.0010053	3.043	Si
176	X	1	0.5	0.001005	0.064	0.001005	0.064	0	0	SLV 13	-58.57	0	178.66	178.66	0	1113.72	2.5	0.0010053	3.0507	Si
237	X	1	0.5	0.001005	0.064	0.001005	0.064	0	0	SLV 13	-58.57	0	178.66	178.66	0	1113.72	2.5	0.0010053	3.0507	Si
372	Y	1	0.5	0.001005	0.048	0.001005	0.048	0	0	SLU 3	-59.98	0	183.22	183.22	0	1154.59	2.5	0.0010053	3.0547	Si
371	Y	1	0.5	0.001005	0.048	0.001005	0.048	0	0	SLU 3	-59.97	0	183.22	183.22	0	1154.59	2.5	0.0010053	3.0552	Si
366	Y	1	0.5	0.001005	0.048	0.001005	0.048	0	0	SLU 3	59.52	0	183.22	183.22	0	1154.59	2.5	0.0010053	3.0781	Si
365	Y	1	0.5	0.001005	0.048	0.001005	0.048	0	0	SLU 3	59.52	0	183.22	183.22	0	1154.59	2.5	0.0010053	3.0781	Si
175	X	1	0.5	0.001005	0.064	0.001005	0.064	0	0	SLV 13	-56.34	0	178.66	178.66	0	1113.72	2.5	0.0010053	3.171	Si
236	X	1	0.5	0.001005	0.064	0.001005	0.064	0	0	SLV 13	-56.34	0	178.66	178.66	0	1113.72	2.5	0.0010053	3.171	Si
178	X	1	0.5	0.001005	0.064	0.001005	0.064	0	0	SLV 13	-55.06	0	178.66	178.66	0	1113.72	2.5	0.0010053	3.245	Si
239	X	1	0.5	0.001005	0.064	0.001005	0.064	0	0	SLV 13	-55.06	0	178.66	178.66	0	1113.72	2.5	0.0010053	3.245	Si
486	Y	1	0.5	0.001005	0.048	0.001005	0.048	0	0	SLV 13	55.83	0	183.22	183.22	0	1154.59	2.5	0.0010053	3.2815	Si
487	Y	1	0.5	0.001005	0.048	0.001005	0.048	0	0	SLV 15	54.95	0	183.22	183.22	0	1154.59	2.5	0.0010053	3.3344	Si
488	Y	1	0.5	0.001005	0.048	0.001005	0.048	0	0	SLV 15	54.72	0	183.22	183.22	0	1154.59	2.5	0.0010053	3.3481	Si
174	X	1	0.5	0.001005	0.064	0.001005	0.064	0	0	SLV 13	-53.16	0	178.66	178.66	0	1113.72	2.5	0.0010053	3.3606	Si

Verifiche SLD Resistenza taglio nei nodi

Nodo	Dir.	B	H	A. sup.	C. sup.	A. inf.	C. inf.	A. st.	A. sag.	Comb.	Ved	N	Vrd	Vrdc	Vrsd	Vrzd	cotgθ	Asl	c.s.	Verifica
426	Y	1	0.5	0.001005	0.048	0.001005	0.048	0	0	SLD 15	54.59	0	252.33	252.33	0	1154.59	2.5	0.0010053	4.6226	Si
427	Y	1	0.5	0.001005	0.048	0.001005	0.048	0	0	SLD 15	54.58	0	252.33	252.33	0	1154.59	2.5	0.0010053	4.6233	Si
366	Y	1	0.5	0.001005	0.048	0.001005	0.048	0	0	SLD 15	48.22	0	252.33	252.33	0	1154.59	2.5	0.0010053	5.2332	Si
365	Y	1	0.5	0.001005	0.048	0.001005	0.048	0	0	SLD 15	48.22	0	252.33	252.33	0	1154.59	2.5	0.0010053	5.2332	Si
177	X	1	0.5	0.001005	0.064	0.001005	0.064	0	0	SLD 13	-45.75	0	248.13	248.13	0	1113.72	2.5	0.0010053	5.4233	Si
238	X	1	0.5	0.001005	0.064	0.001005	0.064	0	0	SLD 13	-45.75	0	248.13	248.13	0	1113.72	2.5	0.0010053	5.4233	Si
176	X	1	0.5	0.001005	0.064	0.001005	0.064	0	0	SLD 13	-45.48	0	248.13	248.13	0	1113.72	2.5	0.0010053	5.4565	Si
237	X	1	0.5	0.001005	0.064	0.001005	0.064	0	0	SLD 13	-45.48	0	248.13	248.13	0	1113.72	2.5	0.0010053	5.4565	Si
175	X	1	0.5	0.001005	0.064	0.001005	0.064	0	0	SLD 13	-43.71	0	248.13	248.13	0	1113.72	2.5	0.0010053	5.6765	Si
236	X	1	0.5	0.001005	0.064	0.001005	0.064	0	0	SLD 13	-43.71	0	248.13	248.13	0	1113.72	2.5	0.0010053	5.6765	Si
178	X	1	0.5	0.001005	0.064	0.001005	0.064	0	0	SLD 13	-43.15	0	248.13	248.13	0	1113.72	2.5	0.0010053	5.7507	Si
239	X	1	0.5	0.001005	0.064	0.001005	0.064	0	0	SLD 13	-43.15	0	248.13	248.13	0	1113.72	2.5	0.0010053	5.7507	Si
372	Y	1	0.5	0.001005	0.048	0.001005	0.048	0	0	SLD 3	-43.53	0	252.33	252.33	0	1154.59	2.5	0.0010053	5.7967	Si
371	Y	1	0.5	0.001005	0.048	0.001005	0.048	0	0	SLD 3	-43.52	0	252.33	252.33	0	1154.59	2.5	0.0010053	5.7977	Si
486	Y	1	0.5	0.001005	0.048	0.001005	0.048	0	0	SLD 13	43.34	0	252.33	252.33	0	1154.59	2.5	0.0010053	5.8226	Si
310	Y	1	0.5	0.001005	0.048	0.001005	0.048	0	0	SLD 3	-43.19	0	252.33	252.33	0	1154.59	2.5	0.0010053	5.8423	Si
311	Y	1	0.5	0.001005	0.048	0.001005	0.048	0	0	SLD 3	-43.19	0	252.33	252.33	0	1154.59	2.5	0.0010053	5.8423	Si
174	X	1	0.5	0.001005	0.064	0.001005	0.064	0	0	SLD 13	-41.32	0	248.13	248.13	0	1113.72	2.5	0.0010053	6.0045	Si
235	X	1	0.5	0.001005	0.064	0.001005	0.064	0	0	SLD 13	-41.32	0	248.13	248.13	0	1113.72	2.5	0.0010053	6.0045	Si
487	Y	1	0.5	0.001005	0.048	0.001005	0.048	0	0	SLD 13	41.71	0	252.33	252.33	0	1154.59	2.5	0.0010053	6.0493	Si

Verifiche SLE tensione calcestruzzo nei nodi

Nodo	Dir.	B	H	A. sup.	C. sup.	A. inf.	C. inf.	Comb.	M	N	σc	σlim	Es/Ec	Verifica
319	X	1	0.5	0.001005	0.064	0.001005	0.064	SLE QP 2	-38.0716	0	-831	13073	15	Si
320	X	1	0.5	0.001005	0.064	0.001005	0.064	SLE QP 2	-37.9211	0	-827	13073	15	Si
318	X	1	0.5	0.001005	0.064	0.001005	0.064	SLE QP 2	-37.7698	0	-824	13073	15	Si
257	X	1	0.5	0.001005	0.064	0.001005	0.064	SLE QP 1	-37.6794	0	-822	13073	15	Si
258	X	1	0.5	0.001005	0.064	0.001005	0.064	SLE QP 1	-37.4621	0	-817	13073	15	Si
256	X	1	0.5	0.001005	0.064	0.001005	0.064	SLE QP 2	-37.4508	0	-817	13073	15	Si
321	X	1	0.5	0.001005	0.064	0.001005	0.064	SLE QP 2	-37.3356	0	-814	13073	15	Si
357	X	1	0.5	0.001005	0.064	0.001005	0.064	SLE QP 2	-37.1227	0	-810	13073	15	Si
295	X	1	0.5	0.001005	0.064	0.001005	0.064	SLE QP 1	-37.0643	0	-809	13073	15	Si
317	X	1	0.5	0.001005	0.064	0.001005	0.064	SLE QP 2	-36.9803	0	-807	13073	15	Si
356	X	1	0.5	0.001005	0.064	0.001005	0.064	SLE QP 2	-36.9752	0	-807	13073	15	Si
294	X	1	0.5	0.001005	0.064	0.001005	0.064	SLE QP 1	-36.8503	0	-804	13073	15	Si
310	Y	1	0.5	0.001005	0.048	0.001005	0.048	SLE QP 2	37.4519	0	-804	13073	15	Si
296	X	1	0.5	0.001005	0.064	0.001005	0.064	SLE QP 1	-36.8339	0	-804	13073	15	Si
358	X	1	0.5	0.001005	0.064	0.001005	0.064	SLE QP 2	-36.8312	0	-803	13073	15	Si
255	X	1	0.5	0.001005	0.064	0.001005	0.064	SLE QP 2	-36.8165	0	-803	13073	15	Si
259	X	1	0.5	0.001005	0.064	0.001005	0.064	SLE QP 1	-36.7634	0	-802	13073	15	Si
366	Y	1	0.5	0.001005	0.048	0.001005	0.048	SLE QP 2	37.2499	0	-800	13073	15	Si
355	X	1	0.5	0.001005	0.064	0.001005	0.064	SLE QP 2	-36.4078	0	-794	13073	15	Si
322	X	1	0.5	0.001005	0.064	0.001005	0.064	SLE QP 2	-36.3223	0	-792	13073	15	Si

Verifiche SLE tensione acciaio nei nodi

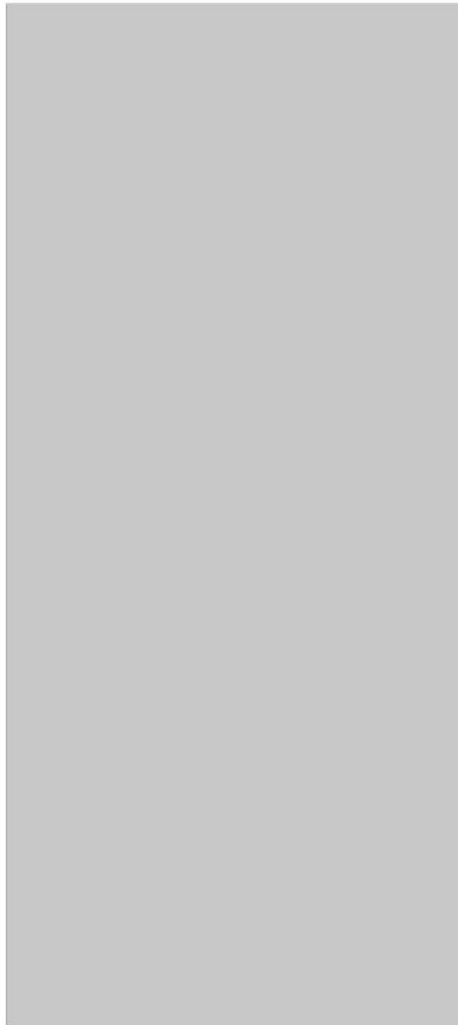
Nodo	Dir.	B	H	A. sup.	C. sup.	A. inf.	C. inf.	Comb.	M	N	σf	σlim	Es/Ec	Verifica
310	Y	1	0.5	0.001005	0.048	0.001005	0.048	SLE RA 3	37.4643	0	9746	360000	15	Si
366	Y	1	0.5	0.001005	0.048	0.001005	0.048	SLE RA 3	37.2606	0	9693	360000	15	Si
319	X	1	0.5	0.001005	0.064	0.001005	0.064	SLE RA 3	-38.0878	0	9273	360000	15	Si
320	X	1	0.5	0.001005	0.064	0.001005	0.064	SLE RA 3	-37.9372	0	9236	360000	15	Si
318	X	1	0.5	0.001005	0.064	0.001005	0.064	SLE RA 3	-37.7856	0	9199	360000	15	Si
257	X	1	0.5	0.001005	0.064	0.001005	0.064	SLE RA 1	-37.6794	0	9173	360000	15	Si
258	X	1	0.5	0.001005	0.064	0.001005	0.064	SLE RA 1	-37.4621	0	9120	360000	15	Si
256	X	1	0.5	0.001005	0.064	0.001005	0.064	SLE RA 4	-37.4514	0	9118	360000	15	Si
321	X	1	0.5	0.001005	0.064	0.001005	0.064	SLE RA 3	-37.3512	0	9093	360000	15	Si
427	Y	1	0.5	0.001005	0.048	0.001005	0.048	SLE RA 3	34.8777	0	9073	360000	15	Si
357	X	1	0.5	0.001005	0.064	0.001005	0.064	SLE RA 3	-37.1378	0	9041	360000	15	Si
295	X	1	0.5	0.001005	0.064	0.001005	0.064	SLE RA 1	-37.0643	0	9023	360000	15	Si
371	Y	1	0.5	0.001005	0.048	0.001005	0.048	SLE RA 3	34.676	0	9021	360000	15	Si
317	X	1	0.5	0.001005	0.064	0.001005	0.064	SLE RA 3	-36.9953	0	9007	360000	15	Si
356	X	1	0.5	0.001005	0.064	0.001005	0.064	SLE RA 3	-36.9903	0	9005	360000	15	Si
294	X	1	0.5	0.001005	0.064	0.001005	0.064	SLE RA 1	-36.8503	0	8971	360000	15	Si
358	X	1	0.5	0.001005	0.064	0.001005	0.064	SLE RA 3	-36.8458	0	8970	360000	15	Si
296	X	1	0.5	0.001005	0.064	0.001005	0.064	SLE RA 1	-36.8339	0	8967	360000	15	Si
255	X	1	0.5	0.001005	0.064	0.001005	0.064	SLE RA 4	-36.818	0	8963	360000	15	Si
259	X	1	0.5	0.001005	0.064	0.001005	0.064	SLE RA 1	-36.7634	0	8950	360000	15	Si

Verifiche SLE fessurazione nei nodi

La piastra non presenta nodi con apertura delle fessure.

Platea di fondazione scala esterna

Verifiche condotte secondo D.M. 17-01-18 (N.T.C.)

Geometria**Caratteristiche dei materiali**

Acciaio: B450C Fyk 450000

Calcestruzzo: C28/35 Rck 35000

Sistema di riferimento e direzioni di armatura

Le coordinate citate nel seguito sono espresse in un sistema di riferimento cartesiano con origine in (25.85; 21.1; 0), direzione dell'asse X = (0.01; 0; 0), direzione dell'asse Y = (0; 0.01; 0).

Le direzioni X/Y di armatura e le sezioni X/Y di verifica sono individuate dagli assi del sistema di riferimento.

Verifiche nei nodi**Verifiche SLU flessione nei nodi**

La struttura è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione, per le combinazioni SLV, viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Nodo	Dir.	B	H	A. sup.	C. sup.	A. inf.	C. inf.	Comb.	M	N	Mu	Nu	c.s.	Verifica
3833	X	0.5	0.3	0.000385	0.061	0.000385	0.061	SLV 5	-2.9169	0	-30.7371	0	10.5376	Si
3833	X	0.5	0.3	0.000385	0.061	0.000385	0.061	SLV 11	2.7861	0	30.7371	0	11.0322	Si
3812	Y	0.5	0.3	0.000385	0.047	0.000385	0.047	SLV 11	2.8761	0	32.6399	0	11.3488	Si
3812	Y	0.5	0.3	0.000385	0.047	0.000385	0.047	SLV 5	-2.7131	0	-32.6399	0	12.0304	Si
3833	Y	0.632	0.3	0.000487	0.047	0.000487	0.047	SLV 11	3.1282	0	39.0573	0	12.4857	Si
3833	X	0.632	0.3	0.000487	0.047	0.000487	0.047	SLV 5	-3.0543	0	-39.0573	0	12.7877	Si
3875	X	0.5	0.3	0.000385	0.061	0.000385	0.061	SLV 7	-2.1373	0	-30.7371	0	14.3816	Si
3892	Y	0.633	0.3	0.000487	0.047	0.000487	0.047	SLV 7	-2.5851	0	-39.0576	0	15.1088	Si
3900	Y	0.5	0.3	0.000385	0.047	0.000385	0.047	SLV 7	-2.0985	0	-32.6399	0	15.5537	Si
3822	X	0.5	0.3	0.000385	0.061	0.000385	0.061	SLV 5	1.3916	0	30.7371	0	22.0883	Si
3822	X	0.5	0.3	0.000385	0.061	0.000385	0.061	SLV 11	-1.3521	0	-30.7371	0	22.7327	Si
3847	X	0.5	0.3	0.000385	0.061	0.000385	0.061	SLV 5	-1.3486	0	-30.7371	0	22.7923	Si
3863	Y	1	0.3	0.00077	0.047	0.00077	0.047	SLV 11	3.0063	0	69.1712	0	23.0088	Si
3892	X	0.5	0.3	0.000385	0.061	0.000385	0.061	SLV 7	-1.3071	0	-30.7371	0	23.5164	Si
3863	Y	1	0.3	0.00077	0.047	0.00077	0.047	SLV 5	-2.9268	0	-69.1712	0	23.6335	Si
3900	Y	0.5	0.3	0.000385	0.047	0.000385	0.047	SLV 9	1.2816	0	32.6399	0	25.4689	Si
3892	X	0.5	0.3	0.000385	0.061	0.000385	0.061	SLV 9	1.1372	0	30.7371	0	27.0283	Si
3892	Y	0.633	0.3	0.000487	0.047	0.000487	0.047	SLV 9	1.2816	0	39.0576	0	30.4768	Si
3822	Y	0.566	0.3	0.000436	0.047	0.000436	0.047	SLV 5	-1.2018	0	-38.6714	0	32.1771	Si
3901	Y	0.5	0.3	0.000385	0.047	0.000385	0.047	SLV 7	-0.9724	0	-32.6399	0	33.5657	Si

Verifiche SLD Resistenza flessione nei nodi

La struttura è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione viene eseguita calcolando i momenti resistenti in campo

Nodo	Dir.	B	H	A. sup.	C. sup.	A. inf.	C. inf.	Comb.	M	N	σf	σlim	Es/Ec	Verifica
3812	Y	0.5	0.3	0.000385	0.047	0.000385	0.047	SLE RA 4	-0.3665	0	454	360000	15	Si
3900	Y	0.5	0.3	0.000385	0.047	0.000385	0.047	SLE RA 4	-0.3351	0	415	360000	15	Si
3833	X	0.5	0.3	0.000385	0.061	0.000385	0.061	SLE RA 7	0.3527	0	387	360000	15	Si
3812	Y	0.5	0.3	0.000385	0.047	0.000385	0.047	SLE RA 6	0.2993	0	371	360000	15	Si
3833	Y	0.632	0.3	0.000487	0.047	0.000487	0.047	SLE RA 6	0.2993	0	293	360000	15	Si
3813	Y	0.5	0.3	0.000385	0.047	0.000385	0.047	SLE RA 7	-0.2208	0	273	360000	15	Si
3901	Y	0.5	0.3	0.000385	0.047	0.000385	0.047	SLE RA 4	-0.1868	0	231	360000	15	Si
3822	X	0.5	0.3	0.000385	0.061	0.000385	0.061	SLE RA 7	-0.2091	0	230	360000	15	Si
3822	Y	0.566	0.3	0.000436	0.047	0.000436	0.047	SLE RA 7	0.2084	0	228	360000	15	Si
3863	Y	1	0.3	0.00077	0.047	0.00077	0.047	SLE RA 6	0.3588	0	222	360000	15	Si
3847	Y	0.877	0.3	0.000675	0.047	0.000675	0.047	SLE RA 7	-0.2355	0	166	360000	15	Si
3833	X	0.5	0.3	0.000385	0.061	0.000385	0.061	SLE RA 7	-0.1444	0	158	360000	15	Si

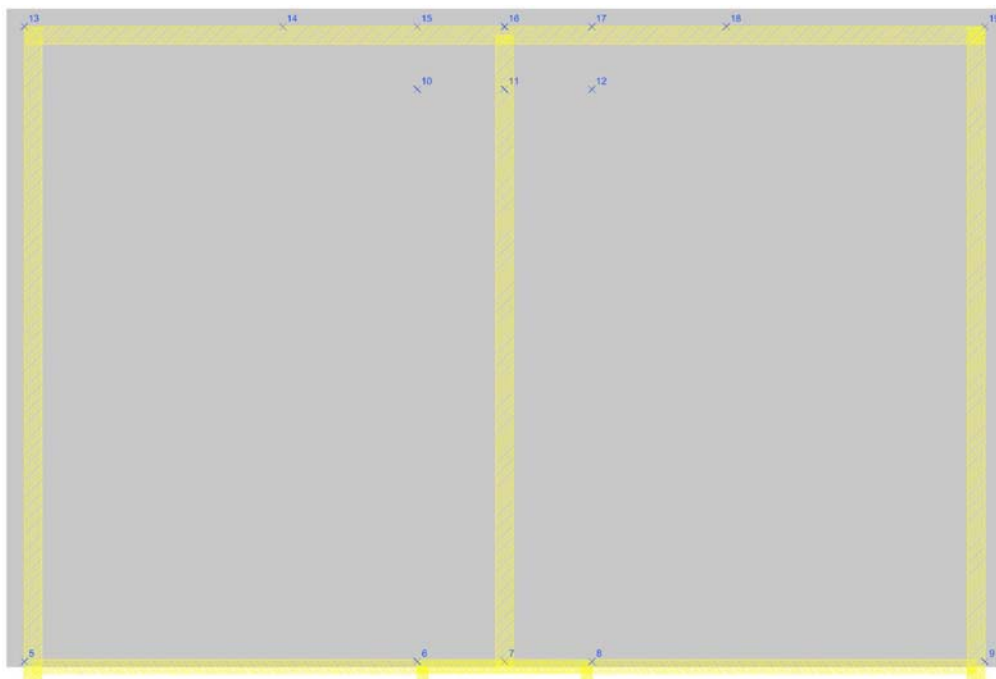
Verifiche SLE fessurazione nei nodi

La piastra non presenta nodi con apertura delle fessure.

Platea di fondazione vasca

Verifiche condotte secondo D.M. 17-01-18 (N.T.C.)

Geometria



Caratteristiche dei materiali

Acciaio: B450C Fyk 450000
 Calcestruzzo: C28/35 Rck 35000

Sistema di riferimento e direzioni di armatura

Le coordinate citate nel seguito sono espresse in un sistema di riferimento cartesiano con origine in (-0.5; 2.65; -1.1), direzione dell'asse X = (0.01; 0; 0), direzione dell'asse Y = (0; 0.01; 0).

Le direzioni X/Y di armatura e le sezioni X/Y di verifica sono individuate dagli assi del sistema di riferimento.

Verifiche nei nodi

Verifiche SLU flessione nei nodi

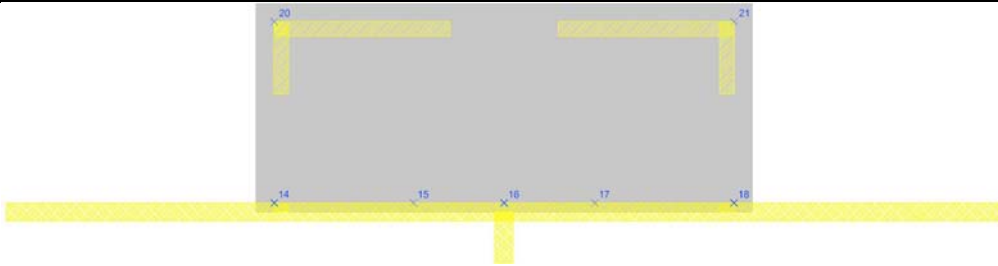
La struttura è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione, per le combinazioni SLV, viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Nodo	Dir.	B	H	A. sup.	C. sup.	A. inf.	C. inf.	Comb.	M	N	Mu	Nu	c.s.	Verifica
1696	Y	1	0.5	0.001005	0.048	0.001005	0.048	SLV 15	-164.1646	0	-164.3694	0	1.0012	Si
1757	Y	1	0.5	0.001005	0.048	0.001005	0.048	SLV 15	-164.0386	0	-164.3694	0	1.002	Si
1635	Y	1	0.5	0.001005	0.048	0.001005	0.048	SLV 15	-163.622	0	-164.3694	0	1.0046	Si
1574	Y	1	0.5	0.001005	0.048	0.001005	0.048	SLV 15	-162.4895	0	-164.3694	0	1.0116	Si
2307	Y	1	0.5	0.001005	0.048	0.001005	0.048	SLV 13	-161.3914	0	-164.3694	0	1.0185	Si
1513	Y	1	0.5	0.001005	0.048	0.001005	0.048	SLV 15	-160.8514	0	-164.3694	0	1.0219	Si
1452	Y	1	0.5	0.001005	0.048	0.001005	0.048	SLV 15	-158.7918	0	-164.3694	0	1.0351	Si
2368	Y	1	0.5	0.001005	0.048	0.001005	0.048	SLV 13	-156.9692	0	-164.3694	0	1.0471	Si
1391	Y	1	0.5	0.001005	0.048	0.001005	0.048	SLV 15	-156.3834	0	-164.3694	0	1.0511	Si
1330	Y	1	0.5	0.001005	0.048	0.001005	0.048	SLV 15	-153.6685	0	-164.3694	0	1.0696	Si
2429	Y	1	0.5	0.001005	0.048	0.001005	0.048	SLV 13	-151.7554	0	-164.3694	0	1.0831	Si
1269	Y	1	0.5	0.001005	0.048	0.001005	0.048	SLV 13	-150.8023	0	-164.3694	0	1.09	Si
1208	Y	1	0.5	0.001005	0.048	0.001005	0.048	SLV 13	-147.6626	0	-164.3694	0	1.1131	Si
2490	Y	1	0.5	0.001005	0.048	0.001005	0.048	SLV 13	-145.7695	0	-164.3694	0	1.1276	Si
1942	Y	1	0.5	0.001005	0.048	0.001005	0.048	SLV 13	-144.1096	0	-164.3694	0	1.1406	Si
1147	Y	1	0.5	0.001005	0.048	0.001005	0.048	SLV 13	-143.9289	0	-164.3694	0	1.142	Si
1881	Y	1	0.5	0.001005	0.048	0.001005	0.048	SLV 13	-143.5593	0	-164.3694	0	1.145	Si
2003	Y	1	0.5	0.001005	0.048	0.001005	0.048	SLV 13	-143.4698	0	-164.3694	0	1.1457	Si
1820	Y	1	0.5	0.001005	0.048	0.001005	0.048	SLV 13	-142.2043	0	-164.3694	0	1.1559	Si
2065	Y	1	0.5	0.001005	0.048	0.001005	0.048	SLV 13	-141.9359	0	-164.3694	0	1.1581	Si

Verifiche SLD Resistenza flessione nei nodi

La struttura è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Nodo	Dir.	B	H	A. sup.	C. sup.	A. inf.	C. inf.	Comb.	M	N	Mu	Nu	c.s.	Verifica
1442	Y	1	0.5	0.001005	0.048	0.001005	0.048	SLD 5	105.7516	0	164.3694	0	1.5543	Si
1381	Y	1	0.5	0.001005	0.048	0.001005	0.048	SLD 5	105.7062	0	164.3694	0	1.555	Si
1503	Y	1	0.5	0.001005	0.048	0.001005	0.048	SLD 5	105.0486	0	164.3694	0	1.5647	Si
1320	Y	1	0.5	0.001005	0.048	0.001005	0.048	SLD 5	104.6829	0	164.3694	0	1.5702	Si
2307	Y	1	0.5	0.001005	0.048	0.001005	0.048	SLD 13	-104.0395	0	-164.3694	0	1.5799	Si
1757	Y	1	0.5	0.001005	0.048	0.001005	0.048	SLD 13	-103.8465	0	-164.3694	0	1.5828	Si
1564	Y	1	0.5	0.001005	0.048	0.001005	0.048	SLD 5	103.7777	0	164.3694	0	1.5839	Si
1696	Y	1	0.5	0.001005	0.048	0.001005	0.048	SLD 15	-102.8666	0	-164.3694	0	1.5979	Si
1635	Y	1	0.5	0.001005	0.048	0.001005	0.048	SLD 15	-102.575	0	-164.3694	0	1.6024	Si
1625	Y	1	0.5	0.001005	0.048	0.001005	0.048	SLD 1	102.5217	0	164.3694	0	1.6033	Si
1259	Y	1	0.5	0.001005	0.048	0.001005	0.048	SLD 9	102.3635	0	164.3694	0	1.6057	Si
1574	Y	1	0.5	0.001005	0.048	0.001005	0.048	SLD 15	-101.9771	0	-164.3694	0	1.6118	Si
2368	Y	1	0.5	0.001005	0.048	0.001005	0.048	SLD 13	-101.2782	0	-164.3694	0	1.6229	Si
1513	Y	1	0.5	0.001005	0.048	0.001005	0.048	SLD 15	-101.1449	0	-164.3694	0	1.6251	Si
1686	Y	1	0.5	0.001005	0.048	0.001005	0.048	SLD 1	100.9446	0	164.3694	0	1.6283	Si
1452	Y	1	0.5	0.001005	0.048	0.001005	0.048	SLD 15	-100.1508	0	-164.3694	0	1.6412	Si
1391	Y	1	0.5	0.001005	0.048	0.001005	0.048	SLD 15	-99.0589	0	-164.3694	0	1.6593	Si
1747	Y	1	0.5	0.001005	0.048	0.001005	0.048	SLD 1	99.043	0	164.3694	0	1.6596	Si
1198	Y	1	0.5	0.001005	0.048	0.001005	0.048	SLD 9	98.7027	0	164.3694	0	1.6653	Si
2429	Y	1	0.5	0.001005	0.048	0.001005	0.048	SLD 13	-98.0258	0	-164.3694	0	1.6768	Si



Caratteristiche dei materiali

Acciaio: B450C Fyk 450000
Calcestruzzo: C28/35 Rck 35000

Sistema di riferimento e direzioni di armatura

Le coordinate citate nel seguito sono espresse in un sistema di riferimento cartesiano con origine in (6.9; 20.75; 0), direzione dell'asse X = (0.01; 0; 0), direzione dell'asse Y = (0; 0.01; 0).

Le direzioni X/Y di armatura e le sezioni X/Y di verifica sono individuate dagli assi del sistema di riferimento.

Verifiche nei nodi

Verifiche SLU flessione nei nodi

La struttura è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione, per le combinazioni SLV, viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Nodo	Dir.	B	H	A. sup.	C. sup.	A. inf.	C. inf.	Comb.	M	N	Mu	Nu	c.s.	Verifica
3805	X	0.5	0.5	0.000693	0.061	0.000693	0.061	SLV 7	86.4194	0	104.6169	0	1.2106	Si
3778	X	1	0.5	0.001539	0.061	0.001539	0.061	SLV 11	176.8307	0	235.7897	0	1.3334	Si
3850	X	0.925	0.5	0.000712	0.061	0.000712	0.061	SLV 11	82.2283	0	111.4013	0	1.3548	Si
3996	X	0.5	0.5	0.000385	0.061	0.000385	0.061	SLV 11	-42.59	0	-58.7269	0	1.3789	Si
3999	X	0.5	0.5	0.000385	0.061	0.000385	0.061	SLV 7	-41.0441	0	-58.7269	0	1.4308	Si
3791	X	1	0.5	0.001539	0.061	0.001539	0.061	SLU 3	175.2834	0	252.1872	0	1.4387	Si
3804	X	1	0.5	0.001539	0.061	0.001539	0.061	SLV 7	162.555	0	234.9763	0	1.4455	Si
3997	X	1	0.5	0.00077	0.061	0.00077	0.061	SLV 11	-84.3673	0	-122.8898	0	1.4566	Si
3790	X	1	0.5	0.001539	0.061	0.001539	0.061	SLU 3	173.0787	0	252.5756	0	1.4593	Si
3998	X	1	0.5	0.00077	0.061	0.00077	0.061	SLV 7	-83.445	0	-122.8898	0	1.4727	Si
3806	X	1	0.5	0.001539	0.061	0.001539	0.061	SLV 11	159.4162	0	235.7897	0	1.4791	Si
3792	X	1	0.5	0.001539	0.061	0.001539	0.061	SLU 3	169.0463	0	252.6945	0	1.4948	Si
3779	X	1	0.5	0.001539	0.061	0.001539	0.061	SLV 11	157.7551	0	237.2053	0	1.5036	Si
3789	X	1	0.5	0.001539	0.061	0.001539	0.061	SLU 3	167.7145	0	252.5018	0	1.5055	Si
3807	X	1	0.5	0.001539	0.061	0.001539	0.061	SLV 7	154.6501	0	234.9763	0	1.5194	Si
3788	X	1	0.5	0.001539	0.061	0.001539	0.061	SLU 3	165.1985	0	252.0548	0	1.5258	Si
3780	X	1	0.5	0.001539	0.061	0.001539	0.061	SLV 11	154.9599	0	237.3766	0	1.5319	Si
3803	X	1	0.5	0.001539	0.061	0.001539	0.061	SLV 7	153.5154	0	237.9878	0	1.5503	Si
3787	X	1	0.5	0.001539	0.061	0.001539	0.061	SLU 3	161.6986	0	252.769	0	1.5632	Si
3786	X	1	0.5	0.001539	0.061	0.001539	0.061	SLU 3	160.5775	0	252.3128	0	1.5713	Si

Verifiche SLD Resistenza flessione nei nodi

La struttura è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Nodo	Dir.	B	H	A. sup.	C. sup.	A. inf.	C. inf.	Comb.	M	N	Mu	Nu	c.s.	Verifica
3805	X	0.5	0.5	0.000693	0.061	0.000693	0.061	SLD 7	68.2171	0	104.6169	0	1.5336	Si
3778	X	1	0.5	0.001539	0.061	0.001539	0.061	SLD 11	141.7302	0	235.7897	0	1.6637	Si
3850	X	0.925	0.5	0.000712	0.061	0.000712	0.061	SLD 11	62.2209	0	111.4013	0	1.7904	Si
3804	X	1	0.5	0.001539	0.061	0.001539	0.061	SLD 7	129.443	0	234.9763	0	1.8153	Si
3779	X	1	0.5	0.001539	0.061	0.001539	0.061	SLD 11	127.7334	0	237.2053	0	1.857	Si
3806	X	1	0.5	0.001539	0.061	0.001539	0.061	SLD 11	126.8429	0	235.7897	0	1.8589	Si
3780	X	1	0.5	0.001539	0.061	0.001539	0.061	SLD 11	126.6887	0	237.3766	0	1.8737	Si
3781	X	1	0.5	0.001539	0.061	0.001539	0.061	SLD 11	123.4268	0	237.3686	0	1.9232	Si
3996	X	0.5	0.5	0.000385	0.061	0.000385	0.061	SLD 11	-30.3987	0	-58.7269	0	1.9319	Si
3803	X	1	0.5	0.001539	0.061	0.001539	0.061	SLD 7	122.7167	0	237.9878	0	1.9393	Si
3783	X	1	0.5	0.001539	0.061	0.001539	0.061	SLD 7	119.7209	0	232.8531	0	1.945	Si
3807	X	1	0.5	0.001539	0.061	0.001539	0.061	SLD 7	120.3546	0	234.9763	0	1.9524	Si
3791	X	1	0.5	0.001539	0.061	0.001539	0.061	SLD 11	119.1649	0	232.6856	0	1.9526	Si
3782	X	1	0.5	0.001539	0.061	0.001539	0.061	SLD 11	120.6537	0	235.621	0	1.9529	Si
3802	X	1	0.5	0.001539	0.061	0.001539	0.061	SLD 7	117.4862	0	231.8526	0	1.9734	Si
3788	X	1	0.5	0.001539	0.061	0.001539	0.061	SLD 7	117.0068	0	232.3454	0	1.9857	Si
3786	X	1	0.5	0.001539	0.061	0.001539	0.061	SLD 7	117.9572	0	234.4979	0	1.988	Si
3785	X	1	0.5	0.001539	0.061	0.001539	0.061	SLD 7	117.6571	0	233.9988	0	1.9888	Si
3790	X	1	0.5	0.001539	0.061	0.001539	0.061	SLD 7	118.615	0	236.8918	0	1.9971	Si
3789	X	1	0.5	0.001539	0.061	0.001539	0.061	SLD 7	116.7495	0	236.1088	0	2.0224	Si

Verifiche SLU taglio nei nodi

Nodo	Dir.	B	H	A. sup.	C. sup.	A. inf.	C. inf.	A. st.	A. sag.	Comb.	Ved	N	Vrd	Vrdc	Vrsd	Vrcd	cotgθ	Asl	c.s.	Verifica
3818	X	1	0.5	0.001389	0.061	0.001539	0.061	0	0	SLU 3	-182	0	191.28	191.28	0	1121.38	2.5	0.0015394	1.051	Si
3827	X	1	0.5	0.001346	0.061	0.001539	0.061	0	0	SLU 3	-177.17	0	191.28	191.28	0	1121.38	2.5	0.0015394	1.0796	Si
3791	X	1	0.5	0.001539	0.061	0.001539	0.061	0	0	SLU 3	-171.05	0	191.28	191.28	0	1121.38	2.5	0.0015394	1.1182	Si
3826	X	1	0.5	0.001347	0.061	0.001539	0.061	0	0	SLU 3	-169.55	0	191.28	191.28	0	1121.38	2.5	0.0015394	1.1282	Si
3790	X	1	0.5	0.001539	0.061	0.001539	0.061	0	0	SLU 3	-168.12	0	191.28	191.28	0	1121.38	2.5	0.0015394	1.1377	Si
3823	X	1	0.5	0.001357	0.061	0.001539	0.061	0	0	SLU 3	-166.95	0	191.28	191.28	0	1121.38	2.5	0.0015394	1.1457	Si
3792	X	1	0.5	0.001539	0.061	0.001539	0.061	0	0	SLU 3	-163.58	0	191.28	191.28	0	1121.38	2.5	0.0015394	1.1693	Si
3808	X	1	0.5	0.001497	0.061	0.001539	0.061	0	0	SLU 3	-162.39	0	191.28	191.28	0	1121.38	2.5	0.0015394	1.1779	Si
3789	X	1	0.5	0.001539	0.061	0.001539	0.061	0	0	SLU 3	-162.3	0	191.28	191.28	0	1121.38	2.5	0.0015394	1.1785	Si
3836	X	1	0.5	0.001258	0.061	0.001531	0.061	0	0	SLU 3	-160.83	0	190.91	190.91	0	1121.38	2.5	0.0015394	1.187	Si
3788	X	1	0.5	0.001539	0.061	0.001539	0.061	0	0	SLU 3	-160.23	0	191.28	191.28	0	1121.38	2.5	0.0015394	1.1938	Si
3840	X	0.5	0.5	0.000385	0.061	0.000666	0.061	0	0	SLU 4	-75.79	0	91.15	91.15	0	560.69	2.5	0.0006663	1.2026	Si
3793	X	1	0.5	0.001539	0.061	0.001539	0.061	0	0	SLU 3	-157.26	0	191.28	191.28	0	1121.38	2.5	0.0015394	1.2163	Si
3794	X	1	0.5	0.001539	0.061	0.001539	0.061	0	0	SLU 3	-155.84	0	191.28	191.28	0	1121.38	2.5	0.0015394	1.2274	Si
3817	X	1	0.5	0.001402	0.061	0.001539	0.061	0	0	SLU 3	-155.59	0	191.28	191.28	0	1121.38	2.5	0.0015394	1.2294	Si
3809	X	1	0.5	0.001493	0.061	0.001539	0.061	0	0	SLU 3	-155.5	0	191.28	191.28	0	1121.38	2.5	0.0015394	1.2301	Si
3810	X	1	0.5	0.001458	0.061	0.001539	0.061	0	0	SLU 3	-155.05	0	191.28	191.28	0	1121.38	2.5	0.0015394	1.2337	Si
3783	X	1	0.5	0.001539	0.061	0.001539	0.061	0	0	SLU 3	-153.89	0	191.28	191.28	0	1121.38	2.5	0.0015394	1.2429	Si
3786	X	1	0.5	0.001539	0.061	0.001539	0.061	0	0	SLU 3	-153.87	0	191.28	191.28	0	1121.38	2.5	0.0015394	1.2431	Si
3797	X	1	0.5	0.001539	0.061	0.001539	0.061	0	0	SLU 3	-153.26	0	191.28	191.28	0	1121.38	2.5	0.0015394	1.248	Si

Verifiche SLD Resistenza taglio nei nodi

Nodo	Dir.	B	H	A. sup.	C. sup.	A. inf.	C. inf.	A. st.	A. sag.	Comb.	Ved	N	Vrd	Vrdc	Vrsd	Vrcd	cotgθ	Asl	c.s.	Verifica
3818	X	1	0.5	0.001389	0.061	0.001539	0.061	0	0	SLD 11	-143.32	0	286.91	286.91	0	1121.38	2.5	0.0015394	2.0019	Si
3850	X	0.925	0.5	0.000712	0.061	0.000712	0.061	0	0	SLD 11	-100.93	0	210.72	210.72	0	1037.67	2.5	0.0007122	2.0879	Si
4020	X	0.5	0.5	0.000385	0.061	0.000385	0.061	0	0	SLD 11	51.94	0	113.86	113.86	0	560.69	2.5	0.0003848	2.1922	Si
3840	X	0.5	0.5	0.000385	0.061	0.000666	0.061	0	0	SLD 7	-61.77	0	136.73	136.73	0	560.69	2.5	0.0006663	2.2135	Si
3823	X	1	0.5	0.001357	0.061	0.001539	0.061	0	0	SLD 11	-129.06	0	286.91	286.91	0	1121.38	2.5	0.0015394	2.2231	Si
3808	X	1	0.5	0.001497	0.061	0.001539	0.061	0	0	SLD 11	-128.61	0	286.91	286.91	0	1121.38	2.5	0.0015394	2.2309	Si
3836	X	1	0.5	0.001258	0.061	0.001531	0.061	0	0	SLD 11	-127.33	0	286.36	286.36	0	1121.38	2.5	0.0015305	2.249	Si
3851	X	1	0.5	0.00077	0.061	0.00077	0.061	0	0	SLD 11	-98.93	0	227.72	227.72	0	1121.38	2.5	0.0007697	2.3019	Si
4023	X	0.5	0.5	0.000385	0.061	0.000385	0.061	0	0	SLD 7	48.3	0	113.86	113.86	0	560.69	2.5	0.0003848	2.3576	Si
3855	X	0.898	0.5	0.000692	0.061	0.000692	0.061	0	0	SLD 7	-85.37	0	204.59	204.59	0	1007.47	2.5	0.0006915	2.3966	Si
3827	X	1	0.5	0.001346	0.061	0.001539	0.061	0	0	SLD 11	-119.69	0	286.91	286.91	0	1121.38	2.5	0.0015394	2.3971	Si
3845	X	1	0.5	0.00077	0.061	0.00077	0.061	0	0	SLD 7	-94.75	0	227.72	227.72	0	1121.38	2.5	0.0007697	2.4035	Si
3849	X	1	0.5	0.00077	0.061	0.00077	0.061	0	0	SLD 11	-94.69	0	227.72	227.72	0	1121.38	2.5	0.0007697	2.4049	Si
3844	X	1	0.5	0.00077	0.061	0.001399	0.061	0	0	SLD 7	-114.77	0	277.91	277.91	0	1121.38	2.5	0.001399	2.4216	Si
3839	X	0.5	0.5	0.000385	0.061	0.000666	0.061	0	0	SLD 11	-55.97	0	136.73	136.73	0	560.69	2.5	0.0006663	2.4429	Si
3791	X	1	0.5	0.001539	0.061	0.001539	0.061	0	0	SLD 11	-117.07	0	286.91	286.91	0	1121.38	2.5	0.0015394	2.4509	Si
3790	X	1	0.5	0.001539	0.061	0.001539	0.061	0	0	SLD 7	-116.46	0	286.91	286.91	0	1121.38	2.5	0.0015394	2.4636	Si
3873	X	0.5	0.5	0.000385	0.061	0.000385	0.061	0	0	SLD 11	-46.18	0	113.86	113.86	0	560.69	2.5	0.0003848	2.4655	Si
3826	X	1	0.5	0.001347	0.061	0.001539	0.061	0	0	SLD 11	-115.55	0	286.91	286.91	0	1121.38	2.5	0.0015394	2.483	Si
3783	X	1	0.5	0.001539	0.061	0.001539	0.061	0	0	SLD 7	-114.9	0	286.91	286.91	0	1121.38	2.5	0.0015394	2.497	Si

Verifiche SLE tensione calcestruzzo nei nodi

Nodo	Dir.	B	H	A. sup.	C. sup.	A. inf.	C. inf.	Comb.	M	N	σc	σlim	Es/Ec	Verifica
3791	X	1	0.5	0.001539	0.061	0.001539	0.061	SLE QP 2	120.4891	0	-2496	13073	15	Si
3790	X	1	0.5	0.001539	0.061	0.001539	0.061	SLE QP 2	118.9747	0	-2465	13073	15	Si
3778	X	1	0.5	0.001539	0.061	0.001539	0.061	SLE QP 1	118.8722	0	-2463	13073	15	Si
3792	X	1	0.5	0.001539	0.061	0.001539	0.061	SLE QP 2	116.3038	0	-2410	13073	15	Si
3789	X	1	0.5	0.001539	0.061	0.001539	0.061	SLE QP 2	115.3333	0	-2390	13073	15	Si
3805	X	0.5	0.5	0.000693	0.061	0.000693	0.061	SLE QP 1	56.4162	0	-2370	13073	15	Si
3788	X	1	0.5	0.001539	0.061	0.001539	0.061	SLE QP 2	113.6131	0	-2354	13073	15	Si
3787	X	1	0.5	0.001539	0.061	0.001539	0.061	SLE QP 2	111.1852	0	-2304	13073	15	Si
3793	X	1	0.5	0.001539	0.061	0.001539	0.061	SLE QP 2	110.5239	0	-2290	13073	15	Si
3786	X	1	0.5	0.001539	0.061	0.001539	0.061	SLE QP 2	110.3883	0	-2287	13073	15	Si
3780	X	1	0.5	0.001539	0.061	0.001539	0.061	SLE QP 1	108.7251	0	-2253	13073	15	Si
3785	X	1	0.5	0.001539	0.061	0.001539	0.061	SLE QP 2	108.4123	0	-2246	13073	15	Si
3779	X	1	0.5	0.001539	0.061	0.001539	0.061	SLE QP 1	108.0652	0	-2239	13073	15	Si
3804	X	1	0.5	0.001539	0.061	0.001539	0.061	SLE QP 1	107.9831	0	-2237	13073	15	Si
3781	X	1	0.5	0.001539	0.061	0.001539	0.061	SLE QP 2	107.883	0	-2235	13073	15	Si
3794	X	1	0.5	0.001539	0.061	0.001539	0.061	SLE QP 2	107.7491	0	-2232	13073	15	Si
3783	X	1	0.5	0.001539	0.061	0.001539	0.061	SLE QP 2	107.4232	0	-2226	13073	15	Si
3782	X	1	0.5	0.001539	0.061	0.001539	0.061	SLE QP 2	106.9808	0	-2217	13073	15	Si
3784	X	1	0.5	0.001539	0.061	0.001539	0.061	SLE QP 2	106.7384	0	-2211	13073	15	Si
3806	X	1	0.5	0.001539	0.061	0.001539	0.061	SLE QP 1	105.6225	0	-2188	13073	15	Si

Verifiche SLE tensione acciaio nei nodi

Nodo	Dir.	B	H	A. sup.	C. sup.	A. inf.	C. inf.	Comb.	M	N	σf	σlim	Es/Ec	Verifica
3791	X	1	0.5	0.001539	0.061	0.001539	0.061	SLE RA 3	121.9938	0	28663	360000	15	Si
3790	X	1	0.5	0.001539	0.061	0.001539	0.061	SLE RA 3	120.4007	0	28288	360000	15	Si
3778	X	1	0.5	0.001539	0.061	0.001539	0.061	SLE RA 1	118.8722	0	27929	360000	15	Si
3792	X	1	0.5	0.001539	0.061	0.001539	0.061	SLE RA 3	117.7357	0	27662	360000	15	Si
3789	X	1	0.5	0.001539	0.061	0.001539	0.061	SLE RA 3	116.5917	0	27393	360000	15	Si
3788	X	1	0.5	0.001539	0.061	0.001539	0.061	SLE RA 3	114.713	0	26952	360000	15	Si
3805	X	0.5	0.5	0.000693	0.061	0.000693	0.061	SLE RA 1	56.4162	0	26878	360000	15	Si
3787	X	1	0.5	0.001539	0.061	0.001539	0.061	SLE RA 3	112.148	0	26349	360000	15	Si
3793	X	1	0.5	0.001539	0.061	0.001539	0.061	SLE RA 3	111.7837	0	26264	360000	15	Si
3786	X	1	0.5	0.001539	0.061	0.001539	0.061	SLE RA 3	111.2545	0	26139	360000	15	Si
3785	X	1	0.5	0.001539	0.061	0.001539	0.061	SLE RA 3	109.143	0	25643	360000	15	Si
3794	X	1	0.5	0.001539	0.061	0.001539	0.061	SLE RA 3	108.8578	0	25576	360000	15	Si
3780	X	1	0.5	0.001539	0.061	0.001539	0.061	SLE RA 1	108.7251	0	25545	360000	15	Si
3779	X	1	0.5	0.001539	0.061	0.001539	0.061	SLE RA 1	108.0652	0	25390	360000	15	Si
3804	X	1	0.5	0.001539	0.061	0.001539	0.061	SLE RA 1	107.9831	0	25371	360000	15	Si
3781	X	1	0.5	0.001539	0.061	0.001539	0.061	SLE RA 4	107.9062	0	25353	360000	15	Si
3783	X	1	0.5	0.001539	0.061	0.001539	0.061	SLE RA 3	107.8035	0	25329	360000	15	Si
3784	X	1	0.5	0.001539	0.061	0.001539	0.061	SLE RA 3	107.3018	0	25211	360000	15	Si
3782	X	1	0.5	0.001539	0.061	0.001539	0.061	SLE RA 3	107.1045	0	25164	360000	15	Si
3795	X	1	0.5	0.001539	0.061	0.001539	0.061	SLE RA 3	106.5055	0	25024	360000	15	Si

Verifiche SLE fessurazione nei nodi

La piastra non presenta nodi con apertura delle fessure.

Soletta camminamento su FILI 2-6

Verifiche condotte secondo D.M. 17-01-18 (N.T.C.)

Geometria

Nodo	Dir.	B	H	A. sup.	C. sup.	A. inf.	C. inf.	A. st.	A. sag.	Comb.	Ved	N	Vrd	Vrdc	Vrsd	Vrcd	cotgθ	Asi	c.s.	Verifica
6153	Y	0.98	0.2	0.000754	0.047	0.000754	0.047	0	0	SLD 11	8.99	0	131.97	131.97	0	383.01	2.5	0.0007543	14.6861	Si
6152	Y	0.98	0.2	0.000754	0.047	0.000754	0.047	0	0	SLD 11	8.99	0	131.97	131.97	0	383.01	2.5	0.0007543	14.6861	Si
6097	X	0.5	0.2	0.000385	0.061	0.000385	0.061	0	0	SLD 1	4.08	0	63.16	63.16	0	177.53	2.5	0.0003848	15.4833	Si
6130	X	0.5	0.2	0.000385	0.061	0.000385	0.061	0	0	SLD 1	4.08	0	63.16	63.16	0	177.53	2.5	0.0003848	15.4833	Si
6144	X	0.5	0.2	0.000385	0.061	0.000385	0.061	0	0	SLD 11	-2.57	0	63.16	63.16	0	177.53	2.5	0.0003848	24.5367	Si
6145	X	1	0.2	0.00077	0.061	0.00077	0.061	0	0	SLD 11	-4.88	0	126.32	126.32	0	355.06	2.5	0.0007697	25.8964	Si
6162	X	0.5	0.2	0.000385	0.061	0.000385	0.061	0	0	SLD 11	2.3	0	63.16	63.16	0	177.53	2.5	0.0003848	27.4282	Si
6154	X	0.5	0.2	0.000385	0.061	0.000385	0.061	0	0	SLD 11	2.3	0	63.16	63.16	0	177.53	2.5	0.0003848	27.4282	Si
6153	X	1	0.2	0.00077	0.061	0.00077	0.061	0	0	SLD 11	4.59	0	126.32	126.32	0	355.06	2.5	0.0007697	27.5199	Si
6161	X	1	0.2	0.00077	0.061	0.00077	0.061	0	0	SLD 11	4.59	0	126.32	126.32	0	355.06	2.5	0.0007697	27.5199	Si
6129	X	1	0.2	0.00077	0.061	0.00077	0.061	0	0	SLD 5	4.51	0	126.32	126.32	0	355.06	2.5	0.0007697	27.9976	Si
6096	X	1	0.2	0.00077	0.061	0.00077	0.061	0	0	SLD 5	4.51	0	126.32	126.32	0	355.06	2.5	0.0007697	27.9976	Si
6154	X	0.5	0.2	0.000385	0.061	0.000385	0.061	0	0	SLD 7	-1.72	0	63.16	63.16	0	177.53	2.5	0.0003848	36.7264	Si
6146	X	0.5	0.2	0.000385	0.061	0.000385	0.061	0	0	SLD 7	-1.72	0	63.16	63.16	0	177.53	2.5	0.0003848	36.7264	Si

Verifiche SLE tensione calcestruzzo nei nodi

Nodo	Dir.	B	H	A. sup.	C. sup.	A. inf.	C. inf.	Comb.	M	N	σc	σlim	Es/Ec	Verifica
6160	X	0.5	0.2	0.000385	0.061	0.000385	0.061	SLE QP 2	-6.8062	0	-1940	13073	15	Si
6160	X	0.5	0.2	0.000385	0.061	0.000385	0.061	SLE RA 3	-7.3752	0	-2102	17430	15	Si
6160	Y	0.5	0.2	0.000385	0.047	0.000385	0.047	SLE QP 2	-2.604	0	-712	13073	15	Si
6161	X	1	0.2	0.00077	0.061	0.00077	0.061	SLE QP 2	-4.7284	0	-674	13073	15	Si
6136	X	0.5	0.2	0.000385	0.061	0.000385	0.061	SLE QP 2	2.1357	0	-609	13073	15	Si
6137	X	1	0.2	0.00077	0.061	0.00077	0.061	SLE QP 2	4.1809	0	-596	13073	15	Si
6138	X	0.5	0.2	0.000385	0.061	0.000385	0.061	SLE QP 2	2.0863	0	-595	13073	15	Si
6160	Y	0.5	0.2	0.000385	0.047	0.000385	0.047	SLE RA 3	-2.8909	0	-790	17430	15	Si
6161	X	1	0.2	0.00077	0.061	0.00077	0.061	SLE RA 3	-5.1299	0	-731	17430	15	Si
6136	X	0.5	0.2	0.000385	0.061	0.000385	0.061	SLE RA 3	2.4941	0	-711	17430	15	Si
6128	X	0.5	0.2	0.000385	0.061	0.000385	0.061	SLE QP 1	1.8599	0	-530	13073	15	Si
6138	X	0.5	0.2	0.000385	0.061	0.000385	0.061	SLE RA 3	2.4572	0	-700	17430	15	Si
6137	X	1	0.2	0.00077	0.061	0.00077	0.061	SLE RA 3	4.8993	0	-698	17430	15	Si
6129	X	1	0.2	0.00077	0.061	0.00077	0.061	SLE QP 1	3.5526	0	-506	13073	15	Si
6144	X	0.5	0.2	0.000385	0.061	0.000385	0.061	SLE QP 2	1.7613	0	-502	13073	15	Si
6095	X	0.5	0.2	0.000385	0.061	0.000385	0.061	SLE QP 1	1.7185	0	-490	13073	15	Si
6130	X	0.5	0.2	0.000385	0.061	0.000385	0.061	SLE QP 1	1.7154	0	-489	13073	15	Si
6144	X	0.5	0.2	0.000385	0.061	0.000385	0.061	SLE RA 3	2.2581	0	-644	17430	15	Si
6145	X	1	0.2	0.00077	0.061	0.00077	0.061	SLE QP 4	3.2127	0	-458	13073	15	Si
6161	Y	0.5	0.2	0.000385	0.047	0.000385	0.047	SLE QP 2	1.6529	0	-452	13073	15	Si

Verifiche SLE tensione acciaio nei nodi

Nodo	Dir.	B	H	A. sup.	C. sup.	A. inf.	C. inf.	Comb.	M	N	σf	σlim	Es/Ec	Verifica
6160	X	0.5	0.2	0.000385	0.061	0.000385	0.061	SLE RA 3	-7.3752	0	12296	360000	15	Si
6160	Y	0.5	0.2	0.000385	0.047	0.000385	0.047	SLE RA 3	-2.8909	0	6284	360000	15	Si
6161	X	1	0.2	0.00077	0.061	0.00077	0.061	SLE RA 3	-5.1299	0	4276	360000	15	Si
6136	X	0.5	0.2	0.000385	0.061	0.000385	0.061	SLE RA 3	2.4941	0	4158	360000	15	Si
6138	X	0.5	0.2	0.000385	0.061	0.000385	0.061	SLE RA 3	2.4572	0	4096	360000	15	Si
6137	X	1	0.2	0.00077	0.061	0.00077	0.061	SLE RA 3	4.8993	0	4084	360000	15	Si
6161	Y	0.5	0.2	0.000385	0.047	0.000385	0.047	SLE RA 3	1.8698	0	4064	360000	15	Si
6144	X	0.5	0.2	0.000385	0.061	0.000385	0.061	SLE RA 3	2.2581	0	3765	360000	15	Si
6145	X	1	0.2	0.00077	0.061	0.00077	0.061	SLE RA 7	4.1549	0	3463	360000	15	Si
6146	X	0.5	0.2	0.000385	0.061	0.000385	0.061	SLE RA 3	2.0366	0	3395	360000	15	Si
6152	Y	0.98	0.2	0.000754	0.047	0.000754	0.047	SLE RA 3	-2.9705	0	3294	360000	15	Si
6128	X	0.5	0.2	0.000385	0.061	0.000385	0.061	SLE RA 1	1.8599	0	3101	360000	15	Si
6153	Y	0.98	0.2	0.000754	0.047	0.000754	0.047	SLE RA 3	2.7796	0	3082	360000	15	Si
6129	X	1	0.2	0.00077	0.061	0.00077	0.061	SLE RA 1	3.5526	0	2961	360000	15	Si
6095	X	0.5	0.2	0.000385	0.061	0.000385	0.061	SLE RA 1	1.7185	0	2865	360000	15	Si
6130	X	0.5	0.2	0.000385	0.061	0.000385	0.061	SLE RA 1	1.7154	0	2860	360000	15	Si
6097	X	0.5	0.2	0.000385	0.061	0.000385	0.061	SLE RA 3	-1.485	0	2476	360000	15	Si
6154	X	0.5	0.2	0.000385	0.061	0.000385	0.061	SLE RA 7	1.1193	0	1866	360000	15	Si
6161	X	1	0.2	0.00077	0.061	0.00077	0.061	SLE RA 3	2.2112	0	1843	360000	15	Si
6145	Y	1	0.2	0.00077	0.047	0.00077	0.047	SLE RA 3	1.6929	0	1840	360000	15	Si

Verifiche SLE fessurazione nei nodi

La piastra non presenta nodi con apertura delle fessure.

Soletta camminamento su FILI 3-8

Verifiche condotte secondo D.M. 17-01-18 (N.T.C.)

Geometria

Nodo	Dir.	B	H	A. sup.	C. sup.	A. inf.	C. inf.	A. st.	A. sag.	Comb.	Ved	N	Vrd	Vrdc	Vrsd	Vrcd	cotgθ	Asl	c.s.	Verifica
6156	Y	0.98	0.2	0.000754	0.047	0.000754	0.047	0	0	SLD 7	-10.7	0	131.97	131.97	0	383.01	2.5	0.0007543	12.3345	Si
6157	Y	0.98	0.2	0.000754	0.047	0.000754	0.047	0	0	SLD 7	-10.7	0	131.97	131.97	0	383.01	2.5	0.0007543	12.3345	Si
6102	X	0.5	0.2	0.000385	0.061	0.000385	0.061	0	0	SLD 5	4.08	0	63.16	63.16	0	177.53	2.5	0.0003848	15.4979	Si
6131	X	0.5	0.2	0.000385	0.061	0.000385	0.061	0	0	SLD 5	4.08	0	63.16	63.16	0	177.53	2.5	0.0003848	15.4979	Si
6156	X	1	0.2	0.00077	0.061	0.00077	0.061	0	0	SLD 7	6.27	0	126.32	126.32	0	355.06	2.5	0.0007697	20.1438	Si
6167	X	1	0.2	0.00077	0.061	0.00077	0.061	0	0	SLD 7	6.27	0	126.32	126.32	0	355.06	2.5	0.0007697	20.1438	Si
6149	X	0.5	0.2	0.000385	0.061	0.000385	0.061	0	0	SLD 11	-3.04	0	63.16	63.16	0	177.53	2.5	0.0003848	20.7669	Si
6166	X	0.5	0.2	0.000385	0.061	0.000385	0.061	0	0	SLD 7	3.02	0	63.16	63.16	0	177.53	2.5	0.0003848	20.9119	Si
6155	X	0.5	0.2	0.000385	0.061	0.000385	0.061	0	0	SLD 7	3.02	0	63.16	63.16	0	177.53	2.5	0.0003848	20.9119	Si
6148	X	1	0.2	0.00077	0.061	0.00077	0.061	0	0	SLD 11	-5.66	0	126.32	126.32	0	355.06	2.5	0.0007697	22.3135	Si
6155	X	0.5	0.2	0.000385	0.061	0.000385	0.061	0	0	SLD 15	-1.86	0	63.16	63.16	0	177.53	2.5	0.0003848	33.8867	Si
6147	X	0.5	0.2	0.000385	0.061	0.000385	0.061	0	0	SLD 15	-1.86	0	63.16	63.16	0	177.53	2.5	0.0003848	33.8867	Si
6132	X	1	0.2	0.00077	0.061	0.00077	0.061	0	0	SLD 5	3.66	0	126.32	126.32	0	355.06	2.5	0.0007697	34.5169	Si
6103	X	1	0.2	0.00077	0.061	0.00077	0.061	0	0	SLD 5	3.66	0	126.32	126.32	0	355.06	2.5	0.0007697	34.5169	Si

Verifiche SLE tensione calcestruzzo nei nodi

Nodo	Dir.	B	H	A. sup.	C. sup.	A. inf.	C. inf.	Comb.	M	N	σc	σlim	Es/Ec	Verifica
6168	X	0.5	0.2	0.000385	0.061	0.000385	0.061	SLE QP 2	-8.0863	0	-2304	13073	15	Si
6168	X	0.5	0.2	0.000385	0.061	0.000385	0.061	SLE RA 3	-8.6548	0	-2466	17430	15	Si
6167	X	1	0.2	0.00077	0.061	0.00077	0.061	SLE QP 2	-5.6141	0	-800	13073	15	Si
6104	X	0.5	0.2	0.000385	0.061	0.000385	0.061	SLE QP 1	2.7608	0	-787	13073	15	Si
6141	X	0.5	0.2	0.000385	0.061	0.000385	0.061	SLE QP 2	2.4232	0	-691	13073	15	Si
6133	X	0.5	0.2	0.000385	0.061	0.000385	0.061	SLE QP 1	2.3591	0	-672	13073	15	Si
6140	X	1	0.2	0.00077	0.061	0.00077	0.061	SLE QP 2	4.6762	0	-666	13073	15	Si
6167	Y	0.5	0.2	0.000385	0.047	0.000385	0.047	SLE QP 2	2.4251	0	-663	13073	15	Si
6139	X	0.5	0.2	0.000385	0.061	0.000385	0.061	SLE QP 2	2.3157	0	-660	13073	15	Si
6168	Y	0.5	0.2	0.000385	0.047	0.000385	0.047	SLE QP 2	-2.3935	0	-654	13073	15	Si
6167	X	1	0.2	0.00077	0.061	0.00077	0.061	SLE RA 3	-6.0188	0	-858	17430	15	Si
6132	X	1	0.2	0.00077	0.061	0.00077	0.061	SLE QP 1	4.4712	0	-637	13073	15	Si
6131	X	0.5	0.2	0.000385	0.061	0.000385	0.061	SLE QP 1	2.1433	0	-611	13073	15	Si
6141	X	0.5	0.2	0.000385	0.061	0.000385	0.061	SLE RA 3	2.7816	0	-793	17430	15	Si
6104	X	0.5	0.2	0.000385	0.061	0.000385	0.061	SLE RA 1	2.7608	0	-787	17430	15	Si
6140	X	1	0.2	0.00077	0.061	0.00077	0.061	SLE RA 3	5.3947	0	-769	17430	15	Si
6139	X	0.5	0.2	0.000385	0.061	0.000385	0.061	SLE RA 3	2.6866	0	-766	17430	15	Si
6168	Y	0.5	0.2	0.000385	0.047	0.000385	0.047	SLE RA 3	-2.6799	0	-733	17430	15	Si
6167	Y	0.5	0.2	0.000385	0.047	0.000385	0.047	SLE RA 3	2.6342	0	-720	17430	15	Si
6149	X	0.5	0.2	0.000385	0.061	0.000385	0.061	SLE QP 4	1.8329	0	-522	13073	15	Si

Verifiche SLE tensione acciaio nei nodi

Nodo	Dir.	B	H	A. sup.	C. sup.	A. inf.	C. inf.	Comb.	M	N	σf	σlim	Es/Ec	Verifica
6168	X	0.5	0.2	0.000385	0.061	0.000385	0.061	SLE RA 3	-8.6548	0	14429	360000	15	Si
6168	Y	0.5	0.2	0.000385	0.047	0.000385	0.047	SLE RA 3	-2.6799	0	5825	360000	15	Si
6167	Y	0.5	0.2	0.000385	0.047	0.000385	0.047	SLE RA 3	2.6342	0	5726	360000	15	Si
6167	X	1	0.2	0.00077	0.061	0.00077	0.061	SLE RA 3	-6.0188	0	5017	360000	15	Si
6141	X	0.5	0.2	0.000385	0.061	0.000385	0.061	SLE RA 3	2.7816	0	4637	360000	15	Si
6104	X	0.5	0.2	0.000385	0.061	0.000385	0.061	SLE RA 1	2.7608	0	4603	360000	15	Si
6140	X	1	0.2	0.00077	0.061	0.00077	0.061	SLE RA 3	5.3947	0	4497	360000	15	Si
6139	X	0.5	0.2	0.000385	0.061	0.000385	0.061	SLE RA 3	2.6866	0	4479	360000	15	Si
6156	Y	0.98	0.2	0.000754	0.047	0.000754	0.047	SLE RA 3	3.8686	0	4290	360000	15	Si
6133	X	0.5	0.2	0.000385	0.061	0.000385	0.061	SLE RA 1	2.3591	0	3933	360000	15	Si
6149	X	0.5	0.2	0.000385	0.061	0.000385	0.061	SLE RA 7	2.3297	0	3884	360000	15	Si
6132	X	1	0.2	0.00077	0.061	0.00077	0.061	SLE RA 1	4.4712	0	3727	360000	15	Si
6131	X	0.5	0.2	0.000385	0.061	0.000385	0.061	SLE RA 1	2.1433	0	3573	360000	15	Si
6148	X	1	0.2	0.00077	0.061	0.00077	0.061	SLE RA 7	4.1998	0	3501	360000	15	Si
6147	X	0.5	0.2	0.000385	0.061	0.000385	0.061	SLE RA 3	2.0246	0	3375	360000	15	Si
6157	Y	0.98	0.2	0.000754	0.047	0.000754	0.047	SLE RA 3	-2.7796	0	3082	360000	15	Si
6103	X	1	0.2	0.00077	0.061	0.00077	0.061	SLE RA 1	3.3727	0	2811	360000	15	Si
6148	Y	1	0.2	0.00077	0.047	0.00077	0.047	SLE RA 3	2.1818	0	2371	360000	15	Si
6167	X	1	0.2	0.00077	0.061	0.00077	0.061	SLE RA 3	2.6761	0	2231	360000	15	Si
6157	X	0.5	0.2	0.000385	0.061	0.000385	0.061	SLE RA 1	-1.328	0	2214	360000	15	Si

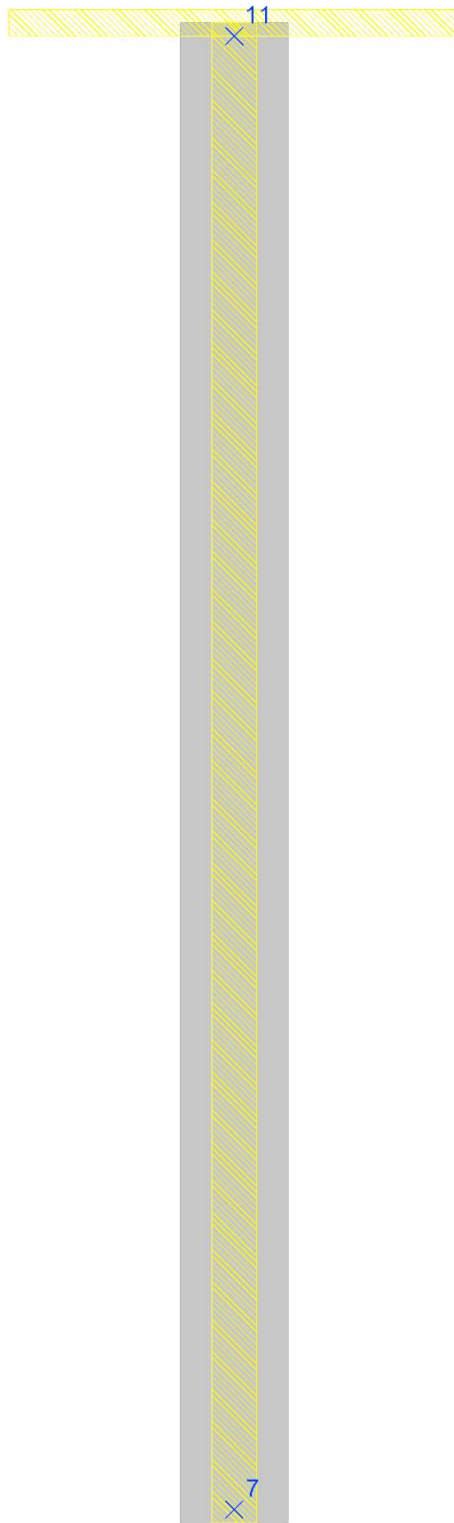
Verifiche SLE fessurazione nei nodi

La piastra non presenta nodi con apertura delle fessure.

Soletta di camminamento su FILI 7-11

Verifiche condotte secondo D.M. 17-01-18 (N.T.C.)

Geometria



Caratteristiche dei materiali

Acciaio: B450C Fyk 450000
 Calcestruzzo: C28/35 Rck 35000

Sistema di riferimento e direzioni di armatura

Le coordinate citate nel seguito sono espresse in un sistema di riferimento cartesiano con origine in (13.15; 2.65; 3.4), direzione dell'asse X = (0.01; 0; 0), direzione dell'asse Y = (0; 0.01; 0).

Le direzioni X/Y di armatura e le sezioni X/Y di verifica sono individuate dagli assi del sistema di riferimento.

Verifiche nei nodi

Verifiche SLU flessione nei nodi

La struttura è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione, per le combinazioni SLV, viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Nodo	Dir.	B	H	A. sup.	C. sup.	A. inf.	C. inf.	Comb.	M	N	Mu	Nu	c.s.	Verifica
6338	X	0.5	0.2	0.000385	0.061	0.000385	0.061	SLV 3	4.0944	0	17.6013	0	4.2989	Si
6336	X	0.5	0.2	0.000385	0.061	0.000385	0.061	SLV 1	-3.3149	0	-17.6013	0	5.3098	Si
6164	Y	0.5	0.2	0.000385	0.047	0.000385	0.047	SLV 3	-2.5219	0	-18.939	0	7.5097	Si

Nodo	Dir.	B	H	A. sup.	C. sup.	A. inf.	C. inf.	Comb.	M	N	Mu	Nu	c.s.	Verifica
6337	Y	0.5	0.2	0.000385	0.047	0.000385	0.047	SLV 5	-2.3601	0	-18.939	0	8.0246	Si
6328	Y	1	0.2	0.00077	0.047	0.00077	0.047	SLV 5	-4.6586	0	-40.8738	0	8.7738	Si
6173	Y	1	0.2	0.00077	0.047	0.00077	0.047	SLU 7	-5.0716	0	-46.9785	0	9.2631	Si
6323	Y	1	0.2	0.00077	0.047	0.00077	0.047	SLV 1	-4.2611	0	-40.8738	0	9.5922	Si
6165	Y	0.5	0.2	0.000385	0.047	0.000385	0.047	SLV 3	-1.6595	0	-18.939	0	11.4122	Si
6178	Y	1	0.2	0.00077	0.047	0.00077	0.047	SLU 7	-4.1007	0	-46.9785	0	11.4561	Si
6329	X	0.5	0.2	0.000385	0.061	0.000385	0.061	SLV 5	-1.4904	0	-17.6013	0	11.8099	Si
6337	X	1	0.2	0.00077	0.061	0.00077	0.061	SLV 3	3.0628	0	38.4738	0	12.5617	Si
6324	X	0.5	0.2	0.000385	0.061	0.000385	0.061	SLV 1	-1.3874	0	-17.6013	0	12.8662	Si
6328	X	1	0.2	0.00077	0.061	0.00077	0.061	SLV 5	-2.9791	0	-38.4738	0	12.9144	Si
6318	Y	1	0.2	0.00077	0.047	0.00077	0.047	SLV 1	-3.1	0	-40.8738	0	13.185	Si
6183	Y	1	0.2	0.00077	0.047	0.00077	0.047	SLU 3	-3.5573	0	-46.9785	0	13.2061	Si
6288	Y	1	0.2	0.00077	0.047	0.00077	0.047	SLU 7	-3.3357	0	-46.9785	0	14.0836	Si
6188	Y	1	0.2	0.00077	0.047	0.00077	0.047	SLU 3	-3.3293	0	-46.9785	0	14.1104	Si
6293	Y	1	0.2	0.00077	0.047	0.00077	0.047	SLU 7	-3.3285	0	-46.9785	0	14.1138	Si
6327	X	0.5	0.2	0.000385	0.061	0.000385	0.061	SLV 5	-1.2452	0	-17.6013	0	14.1355	Si
6193	Y	1	0.2	0.00077	0.047	0.00077	0.047	SLU 3	-3.3088	0	-46.9785	0	14.198	Si

Verifiche SLD Resistenza flessione nei nodi

La struttura è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Nodo	Dir.	B	H	A. sup.	C. sup.	A. inf.	C. inf.	Comb.	M	N	Mu	Nu	c.s.	Verifica
6338	X	0.5	0.2	0.000385	0.061	0.000385	0.061	SLD 3	3.1846	0	17.6013	0	5.5269	Si
6336	X	0.5	0.2	0.000385	0.061	0.000385	0.061	SLD 1	-2.6093	0	-17.6013	0	6.7457	Si
6164	Y	0.5	0.2	0.000385	0.047	0.000385	0.047	SLD 3	-2.1678	0	-18.939	0	8.7366	Si
6337	Y	0.5	0.2	0.000385	0.047	0.000385	0.047	SLD 5	-1.7598	0	-18.939	0	10.7619	Si
6328	Y	1	0.2	0.00077	0.047	0.00077	0.047	SLD 1	-3.7474	0	-40.8738	0	10.9072	Si
6173	Y	1	0.2	0.00077	0.047	0.00077	0.047	SLD 3	-3.6997	0	-40.8738	0	11.0477	Si
6323	Y	1	0.2	0.00077	0.047	0.00077	0.047	SLD 1	-3.4745	0	-40.8738	0	11.7638	Si
6165	Y	0.5	0.2	0.000385	0.047	0.000385	0.047	SLD 3	-1.401	0	-18.939	0	13.518	Si
6178	Y	1	0.2	0.00077	0.047	0.00077	0.047	SLD 3	-2.785	0	-40.8738	0	14.6764	Si
6318	Y	1	0.2	0.00077	0.047	0.00077	0.047	SLD 1	-2.5796	0	-40.8738	0	15.8452	Si
6337	X	1	0.2	0.00077	0.061	0.00077	0.061	SLD 3	2.3923	0	38.4738	0	16.0821	Si
6183	Y	1	0.2	0.00077	0.047	0.00077	0.047	SLD 1	-2.5095	0	-40.8738	0	16.2877	Si
6324	X	0.5	0.2	0.000385	0.061	0.000385	0.061	SLD 1	-1.0453	0	-17.6013	0	16.8383	Si
6329	X	0.5	0.2	0.000385	0.061	0.000385	0.061	SLD 5	-1.0132	0	-17.6013	0	17.3711	Si
6188	Y	1	0.2	0.00077	0.047	0.00077	0.047	SLD 1	-2.3326	0	-40.8738	0	17.5229	Si
6293	Y	1	0.2	0.00077	0.047	0.00077	0.047	SLD 3	-2.3268	0	-40.8738	0	17.5668	Si
6298	Y	1	0.2	0.00077	0.047	0.00077	0.047	SLD 3	-2.3164	0	-40.8738	0	17.6455	Si
6288	Y	1	0.2	0.00077	0.047	0.00077	0.047	SLD 3	-2.3079	0	-40.8738	0	17.7101	Si
6193	Y	1	0.2	0.00077	0.047	0.00077	0.047	SLD 1	-2.2918	0	-40.8738	0	17.8347	Si
6208	Y	1	0.2	0.00077	0.047	0.00077	0.047	SLD 3	-2.2825	0	-40.8738	0	17.9074	Si

Verifiche SLU taglio nei nodi

Nodo	Dir.	B	H	A. sup.	C. sup.	A. inf.	C. inf.	A. st.	A. sag.	Comb.	Ved	N	Vrd	Vrdc	Vrsd	Vrcd	cotgθ	Asl	c.s.	Verifica
6329	X	0.5	0.2	0.000385	0.061	0.000385	0.061	0	0	SLV 3	7.55	0	42.11	42.11	0	177.53	2.5	0.0003848	5.5753	Si
6338	X	0.5	0.2	0.000385	0.061	0.000385	0.061	0	0	SLV 3	7.55	0	42.11	42.11	0	177.53	2.5	0.0003848	5.5753	Si
6336	X	0.5	0.2	0.000385	0.061	0.000385	0.061	0	0	SLV 3	-6.53	0	42.11	42.11	0	177.53	2.5	0.0003848	6.4483	Si
6327	X	0.5	0.2	0.000385	0.061	0.000385	0.061	0	0	SLV 3	-6.53	0	42.11	42.11	0	177.53	2.5	0.0003848	6.4483	Si
6337	Y	0.5	0.2	0.000385	0.047	0.000385	0.047	0	0	SLV 1	4.56	0	44.89	44.89	0	195.41	2.5	0.0003848	9.8481	Si
6338	Y	0.5	0.2	0.000385	0.047	0.000385	0.047	0	0	SLV 1	4.56	0	44.89	44.89	0	195.41	2.5	0.0003848	9.8481	Si
6329	Y	1	0.2	0.00077	0.047	0.00077	0.047	0	0	SLU 3	7.42	0	89.78	89.78	0	390.82	2.5	0.0007697	12.0924	Si
6328	Y	1	0.2	0.00077	0.047	0.00077	0.047	0	0	SLU 3	7.42	0	89.78	89.78	0	390.82	2.5	0.0007697	12.0924	Si
6337	X	1	0.2	0.00077	0.061	0.00077	0.061	0	0	SLV 1	5.81	0	84.21	84.21	0	355.06	2.5	0.0007697	14.4874	Si
6328	X	1	0.2	0.00077	0.061	0.00077	0.061	0	0	SLV 1	5.81	0	84.21	84.21	0	355.06	2.5	0.0007697	14.4874	Si
6178	Y	1	0.2	0.00077	0.047	0.00077	0.047	0	0	SLU 7	-6.14	0	89.78	89.78	0	390.82	2.5	0.0007697	14.6327	Si
6177	Y	1	0.2	0.00077	0.047	0.00077	0.047	0	0	SLU 7	-6.14	0	89.78	89.78	0	390.82	2.5	0.0007697	14.6327	Si
6336	Y	0.5	0.2	0.000385	0.047	0.000385	0.047	0	0	SLV 3	2.99	0	44.89	44.89	0	195.41	2.5	0.0003848	15	Si
6178	Y	1	0.2	0.00077	0.047	0.00077	0.047	0	0	SLU 7	5.91	0	89.78	89.78	0	390.82	2.5	0.0007697	15.1838	Si
6179	Y	1	0.2	0.00077	0.047	0.00077	0.047	0	0	SLU 7	5.91	0	89.78	89.78	0	390.82	2.5	0.0007697	15.1838	Si
6323	Y	1	0.2	0.00077	0.047	0.00077	0.047	0	0	SLU 3	5.23	0	89.78	89.78	0	390.82	2.5	0.0007697	17.1767	Si
6324	Y	1	0.2	0.00077	0.047	0.00077	0.047	0	0	SLU 3	5.23	0	89.78	89.78	0	390.82	2.5	0.0007697	17.1767	Si
6328	X	1	0.2	0.00077	0.061	0.00077	0.061	0	0	SLV 3	-4.68	0	84.21	84.21	0	355.06	2.5	0.0007697	18.01	Si
6337	X	1	0.2	0.00077	0.061	0.00077	0.061	0	0	SLV 3	-4.68	0	84.21	84.21	0	355.06	2.5	0.0007697	18.01	Si
6172	Y	1	0.2	0.00077	0.047	0.00077	0.047	0	0	SLU 7	-4.97	0	89.78	89.78	0	390.82	2.5	0.0007697	18.0721	Si

Verifiche SLD Resistenza taglio nei nodi

Nodo	Dir.	B	H	A. sup.	C. sup.	A. inf.	C. inf.	A. st.	A. sag.	Comb.	Ved	N	Vrd	Vrdc	Vrsd	Vrcd	cotgθ	Asl	c.s.	Verifica
6329	X	0.5	0.2	0.000385	0.061	0.000385	0.061	0	0	SLD 3	6.1	0	63.16	63.16	0	177.53	2.5	0.0003848	10.3611	Si
6338	X	0.5	0.2	0.000385	0.061	0.000385	0.061	0	0	SLD 3	6.1	0	63.16	63.16	0	177.53	2.5	0.0003848	10.3611	Si
6336	X	0.5	0.2	0.000385	0.061	0.000385	0.061	0	0	SLD 3	-5.09	0	63.16	63.16	0	177.53	2.5	0.0003848	12.4034	Si
6327	X	0.5	0.2	0.000385	0.061	0.000385	0.061	0	0	SLD 3	-5.09	0	63.16	63.16	0	177.53	2.5	0.0003848	12.4034	Si
6337	Y	0.5	0.2	0.000385	0.047	0.000385	0.047	0	0	SLD 1	3.86	0	67.33	67.33	0	195.41	2.5	0.0003848	17.4508	Si
6338	Y	0.5	0.2	0.000385	0.047	0.000385	0.047	0	0	SLD 1	3.86	0	67.33	67.33	0	195.41	2.5	0.0003848	17.4508	Si
6329	Y	1	0.2	0.00077	0.047	0.00077	0.047	0	0	SLD 1	6.27	0	134.66	134.66	0	390.82	2.5	0.0007697	21.4615	Si
6328	Y	1	0.2	0.00077	0.047	0.00077	0.047	0	0	SLD 1	6.27	0	134.66	134.66	0	390.82	2.5	0.0007697	21.4615	Si
6337	X	1	0.2	0.00077	0.061	0.00077	0.061	0	0	SLD 1	4.74	0	126.32	126.32	0	355.06	2.5	0.0007697	26.6517	Si
6328	X	1	0.2	0.00077	0.061	0.00077	0.061	0	0	SLD 1	4.74	0	126.32	126.32	0	355.06	2.5	0.0007697	26.6517	Si
6336	Y	0.5	0.2	0.000385	0.047	0.000385	0.047	0	0	SLD 3	2.19	0	67.33	67.33	0	195.41	2.5	0.0003848	30.7516	Si
6337	X	1	0.2	0.00077	0.061	0.00077	0.061	0	0	SLD 3	-3.57	0	126.32	126.32	0	355.06	2.5	0.0007697	35.3557	Si
6328	X	1	0.2	0.00077	0.061	0.00077	0.061	0	0											

Vano di equalizzazione e sedimentazione meccanica

Nodo	Dir.	B	H	A. sup.	C. sup.	A. inf.	C. inf.	Comb.	M	N	oc	olim	Es/Ec	Verifica
6173	Y	1	0.2	0.00077	0.047	0.00077	0.047	SLE RA 7	-3.6243	0	-495	17430	15	Si
6336	X	0.5	0.2	0.000385	0.061	0.000385	0.061	SLE RA 3	-1.7364	0	-495	17430	15	Si
6323	Y	1	0.2	0.00077	0.047	0.00077	0.047	SLE QP 2	-2.573	0	-352	13073	15	Si
6178	Y	1	0.2	0.00077	0.047	0.00077	0.047	SLE QP 4	-2.4306	0	-332	13073	15	Si
6328	Y	1	0.2	0.00077	0.047	0.00077	0.047	SLE RA 3	-2.9721	0	-406	17430	15	Si
6178	Y	1	0.2	0.00077	0.047	0.00077	0.047	SLE RA 7	-2.9076	0	-397	17430	15	Si
6165	Y	0.5	0.2	0.000385	0.047	0.000385	0.047	SLE QP 4	-1.0851	0	-297	13073	15	Si
6323	Y	1	0.2	0.00077	0.047	0.00077	0.047	SLE RA 3	-2.8246	0	-386	17430	15	Si
6337	Y	0.5	0.2	0.000385	0.047	0.000385	0.047	SLE RA 4	-1.4084	0	-385	17430	15	Si
6183	Y	1	0.2	0.00077	0.047	0.00077	0.047	SLE QP 2	-2.0765	0	-284	13073	15	Si
6318	Y	1	0.2	0.00077	0.047	0.00077	0.047	SLE QP 2	-1.9343	0	-264	13073	15	Si
6288	Y	1	0.2	0.00077	0.047	0.00077	0.047	SLE QP 4	-1.9228	0	-263	13073	15	Si

Verifiche SLE tensione acciaio nei nodi

Nodo	Dir.	B	H	A. sup.	C. sup.	A. inf.	C. inf.	Comb.	M	N	of	olim	Es/Ec	Verifica
6164	Y	0.5	0.2	0.000385	0.047	0.000385	0.047	SLE RA 7	-2.1399	0	4651	360000	15	Si
6173	Y	1	0.2	0.00077	0.047	0.00077	0.047	SLE RA 7	-3.6243	0	3939	360000	15	Si
6338	X	0.5	0.2	0.000385	0.061	0.000385	0.061	SLE RA 10	2.011	0	3353	360000	15	Si
6328	Y	1	0.2	0.00077	0.047	0.00077	0.047	SLE RA 3	-2.9721	0	3230	360000	15	Si
6178	Y	1	0.2	0.00077	0.047	0.00077	0.047	SLE RA 7	-2.9076	0	3160	360000	15	Si
6323	Y	1	0.2	0.00077	0.047	0.00077	0.047	SLE RA 3	-2.8246	0	3070	360000	15	Si
6337	Y	0.5	0.2	0.000385	0.047	0.000385	0.047	SLE RA 4	-1.4084	0	3061	360000	15	Si
6336	X	0.5	0.2	0.000385	0.061	0.000385	0.061	SLE RA 3	-1.7364	0	2895	360000	15	Si
6183	Y	1	0.2	0.00077	0.047	0.00077	0.047	SLE RA 3	-2.5056	0	2723	360000	15	Si
6288	Y	1	0.2	0.00077	0.047	0.00077	0.047	SLE RA 7	-2.3457	0	2549	360000	15	Si
6293	Y	1	0.2	0.00077	0.047	0.00077	0.047	SLE RA 7	-2.3413	0	2544	360000	15	Si
6188	Y	1	0.2	0.00077	0.047	0.00077	0.047	SLE RA 3	-2.341	0	2544	360000	15	Si
6283	Y	1	0.2	0.00077	0.047	0.00077	0.047	SLE RA 7	-2.3254	0	2527	360000	15	Si
6193	Y	1	0.2	0.00077	0.047	0.00077	0.047	SLE RA 3	-2.3252	0	2527	360000	15	Si
6318	Y	1	0.2	0.00077	0.047	0.00077	0.047	SLE RA 3	-2.3096	0	2510	360000	15	Si
6298	Y	1	0.2	0.00077	0.047	0.00077	0.047	SLE RA 7	-2.3085	0	2509	360000	15	Si
6308	Y	1	0.2	0.00077	0.047	0.00077	0.047	SLE RA 7	-2.3076	0	2508	360000	15	Si
6165	Y	0.5	0.2	0.000385	0.047	0.000385	0.047	SLE RA 7	-1.1535	0	2507	360000	15	Si
6198	Y	1	0.2	0.00077	0.047	0.00077	0.047	SLE RA 3	-2.2959	0	2495	360000	15	Si
6213	Y	1	0.2	0.00077	0.047	0.00077	0.047	SLE RA 7	-2.2932	0	2492	360000	15	Si

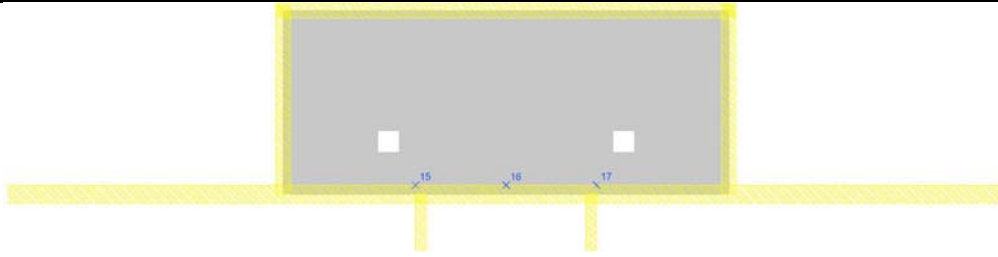
Verifiche SLE fessurazione nei nodi

La piastra non presenta nodi con apertura delle fessure.

Soletta di copertura sedimentazione meccanica

Verifiche condotte secondo D.M. 17-01-18 (N.T.C.)

Geometria



Caratteristiche dei materiali

Acciaio: B450C Fyk 450000
Calcestruzzo: C28/35 Rck 35000

Sistema di riferimento e direzioni di armatura

Le coordinate citate nel seguito sono espresse in un sistema di riferimento cartesiano con origine in (7.6; 20.75; 3.4), direzione dell'asse X = (0.01; 0; 0), direzione dell'asse Y = (0; 0.01; 0).

Le direzioni X/Y di armatura e le sezioni X/Y di verifica sono individuate dagli assi del sistema di riferimento.

Verifiche nei nodi

Verifiche SLU flessione nei nodi

La struttura è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione, per le combinazioni SLV, viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Nodo	Dir.	B	H	A. sup.	C. sup.	A. inf.	C. inf.	Comb.	M	N	Mu	Nu	c.s.	Verifica
6380	X	1	0.3	0.00077	0.061	0.00077	0.061	SLV 9	-50.7576	0	-65.4664	0	1.2898	Si
6379	X	1	0.3	0.00077	0.061	0.00077	0.061	SLV 9	-50.6167	0	-65.4664	0	1.2934	Si
6381	X	1	0.3	0.00077	0.061	0.00077	0.061	SLV 9	-49.9729	0	-65.4664	0	1.31	Si
6378	X	1	0.3	0.00077	0.061	0.00077	0.061	SLV 9	-49.2953	0	-65.4664	0	1.328	Si
6382	X	1	0.3	0.00077	0.061	0.00077	0.061	SLV 9	-47.2305	0	-65.4664	0	1.3861	Si
6377	X	1	0.3	0.00077	0.061	0.00077	0.061	SLV 9	-45.9226	0	-65.4664	0	1.4256	Si
6383	X	1	0.3	0.00077	0.061	0.00077	0.061	SLV 9	-43.0221	0	-65.4664	0	1.5217	Si
6376	X	1	0.3	0.00077	0.061	0.00077	0.061	SLV 9	-41.6002	0	-65.4664	0	1.5737	Si
6745	X	1	0.3	0.00077	0.061	0.00077	0.061	SLU 7	-46.2085	0	-75.9908	0	1.6445	Si
6744	X	1	0.3	0.00077	0.061	0.00077	0.061	SLU 7	-46.1068	0	-75.9908	0	1.6481	Si
6735	X	1	0.3	0.00077	0.061	0.00077	0.061	SLU 7	-46.0841	0	-75.9908	0	1.649	Si
6736	X	1	0.3	0.00077	0.061	0.00077	0.061	SLU 7	-45.7591	0	-75.9908	0	1.6607	Si
6384	X	1	0.3	0.00077	0.061	0.00077	0.061	SLV 9	-38.4494	0	-65.4664	0	1.7027	Si
6746	X	1	0.3	0.00077	0.061	0.00077	0.061	SLU 7	-43.3486	0	-75.9908	0	1.753	Si
6734	X	1	0.3	0.00077	0.061	0.00077	0.061	SLU 7	-43.2853	0	-75.9908	0	1.7556	Si
6375	X	1	0.3	0.00077	0.061	0.00077	0.061	SLV 9	-36.8832	0	-65.4664	0	1.775	Si
6743	X	1	0.3	0.00077	0.061	0.00077	0.061	SLU 7	-41.0951	0	-75.9908	0	1.8491	Si
6737	X	1	0.3	0.00077	0.061	0.00077	0.061	SLU 7	-40.5837	0	-75.9908	0	1.8724	Si
6747	X	1	0.3	0.00077	0.061	0.00077	0.061	SLU 7	-40.0288	0	-75.9908	0	1.8984	Si
6733	X	1	0.3	0.00077	0.061	0.00077	0.061	SLU 7	-39.999	0	-75.9908	0	1.8998	Si

Verifiche SLD Resistenza flessione nei nodi

La struttura è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Nodo	Dir.	B	H	A. sup.	C. sup.	A. inf.	C. inf.	Comb.	M	N	Mu	Nu	c.s.	Verifica
6380	X	1	0.3	0.00077	0.061	0.00077	0.061	SLD 9	-38.571	0	-65.4664	0	1.6973	Si
6379	X	1	0.3	0.00077	0.061	0.00077	0.061	SLD 9	-38.5143	0	-65.4664	0	1.6998	Si
6381	X	1	0.3	0.00077	0.061	0.00077	0.061	SLD 9	-38.0855	0	-65.4664	0	1.7189	Si
6378	X	1	0.3	0.00077	0.061	0.00077	0.061	SLD 9	-37.8546	0	-65.4664	0	1.7294	Si
6382	X	1	0.3	0.00077	0.061	0.00077	0.061	SLD 9	-36.369	0	-65.4664	0	1.8001	Si
6377	X	1	0.3	0.00077	0.061	0.00077	0.061	SLD 9	-35.9061	0	-65.4664	0	1.8233	Si
6383	X	1	0.3	0.00077	0.061	0.00077	0.061	SLD 9	-33.6347	0	-65.4664	0	1.9464	Si
6376	X	1	0.3	0.00077	0.061	0.00077	0.061	SLD 9	-33.108	0	-65.4664	0	1.9774	Si
6744	X	1	0.3	0.00077	0.061	0.00077	0.061	SLD 11	-31.5666	0	-65.4664	0	2.0739	Si
6736	X	1	0.3	0.00077	0.061	0.00077	0.061	SLD 7	-31.4929	0	-65.4664	0	2.0788	Si
6735	X	1	0.3	0.00077	0.061	0.00077	0.061	SLD 7	-31.2863	0	-65.4664	0	2.0925	Si
6745	X	1	0.3	0.00077	0.061	0.00077	0.061	SLD 11	-31.2529	0	-65.4664	0	2.0947	Si
6384	X	1	0.3	0.00077	0.061	0.00077	0.061	SLD 9	-30.4405	0	-65.4664	0	2.1506	Si
6375	X	1	0.3	0.00077	0.061	0.00077	0.061	SLD 9	-29.7408	0	-65.4664	0	2.2012	Si
6746	X	1	0.3	0.00077	0.061	0.00077	0.061	SLD 7	-29.0881	0	-65.4664	0	2.2506	Si
6734	X	1	0.3	0.00077	0.061	0.00077	0.061	SLD 7	-29.0297	0	-65.4664	0	2.2552	Si
6743	X	1	0.3	0.00077	0.061	0.00077	0.061	SLD 11	-28.5984	0	-65.4664	0	2.2892	Si
6737	X	1	0.3	0.00077	0.061	0.00077	0.061	SLD 7	-28.4283	0	-65.4664	0	2.3029	Si
6385	X	1	0.3	0.00077	0.061	0.00077	0.061	SLD 9	-27.1448	0	-65.4664	0	2.4117	Si
6747	X	1	0.3	0.00077	0.061	0.00077	0.061	SLD 7	-26.5013	0	-65.4664	0	2.4703	Si

Verifiche SLU taglio nei nodi

Nodo	Dir.	B	H	A. sup.	C. sup.	A. inf.	C. inf.	A. st.	A. sag.	Comb.	Ved	N	Vrd	Vrdc	Vrsd	Vrcd	cotgθ	Asl	c.s.	Verifica
6744	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLU 7	-58.03	0	119.46	119.46	0	610.5	2.5	0.0007697	2.0585	Si
6736	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLU 7	-57.59	0	119.46	119.46	0	610.5	2.5	0.0007697	2.0744	Si
6719	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLU 7	-57.29	0	119.46	119.46	0	610.5	2.5	0.0007697	2.0853	Si
6743	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLU 7	-54.67	0	119.46	119.46	0	610.5	2.5	0.0007697	2.185	Si
6745	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLU 7	-54.36	0	119.46	119.46	0	610.5	2.5	0.0007697	2.1974	Si
6735	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLU 7	-54.19	0	119.46	119.46	0	610.5	2.5	0.0007697	2.2045	Si
6717	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLU 7	-54.07	0	119.46	119.46	0	610.5	2.5	0.0007697	2.2094	Si
6725	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLU 7	-53.98	0	119.46	119.46	0	610.5	2.5	0.0007697	2.2132	Si
6737	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLU 7	-53.9	0	119.46	119.46	0	610.5	2.5	0.0007697	2.2163	Si
6622	Y	1	0.3	0.00077	0.047	0.00077	0.047	0	0	SLU 7	54.24	0	123.92	123.92	0	646.26	2.5	0.0007697	2.2846	Si
6716	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLU 7	-51.4	0	119.46	119.46	0	610.5	2.5	0.0007697	2.324	Si
6621	Y	1	0.3	0.00077	0.047	0.00077	0.047	0	0	SLU 7	52.94	0	123.92	123.92	0	646.26	2.5	0.0007697	2.3408	Si
6378	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLU 7	51.02	0	119.46	119.46	0	610.5	2.5	0.0007697	2.3412	Si
6420	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLU 7	51.02	0	119.46	119.46	0	610.5	2.5	0.0007697	2.3414	Si
6416	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLU 7	50.95	0	119.46	119.46	0	610.5	2.5	0.0007697	2.3446	Si
6379	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLU 7	50.84	0	119.46	119.46	0	610.5	2.5	0.0007697	2.3498	Si
6418	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLU 7	50.69	0	119.46	119.46	0	610.5	2.5	0.0007697	2.3564	Si
6377	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLU 7	50.54	0	119.46	119.46	0	610.5	2.5	0.0007697	2.3636	Si
6417	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLU 7	50.3	0	119.46	119.46	0	610.5	2.5	0.0007697	2.3749	Si
6380	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLU 7	50.27	0	119.46	119.46	0	610.5	2.5	0.0007697	2.3763	Si

Verifiche SLD Resistenza taglio nei nodi

Nodo	Dir.	B	H	A. sup.	C. sup.	A. inf.	C. inf.	A. st.	A. sag.	Comb.	Ved	N	Vrd	Vrdc	Vrsd	Vrcd	cotgθ	Asl	c.s.	Verifica
6622	Y	1	0.3	0.00077	0.047	0.00077	0.047	0	0	SLD 11	37.77	0	177.87	177.87	0	646.26	2.5	0.0007697	4.7087	Si
6416	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLD 9	36.39	0	173.57	173.57	0	610.5	2.5	0.0007697	4.7699	Si
6744	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLD 11	-36.17	0	173.57	173.57	0	610.5	2.5	0.0007697	4.7984	Si
6736	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLD 7	-35.95	0	173.57	173.57	0	610.5	2.5	0.0007697	4.8285	Si
6380	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLD 9	35.81	0	173.57	173.57	0	610.5	2.5	0.0007697	4.8474	Si
6594	Y	1	0.3	0.00077	0.047	0.00077	0.047	0	0	SLD 11	36.65	0	177.87	177.87	0	646.26	2.5	0.0007697	4.8529	Si
6621	Y	1	0.3	0.00077	0.047	0.00077	0.047	0	0	SLD 11	36.62	0	177.87	177.87	0	646.26	2.5	0.0007697	4.8576	Si
6719	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLD 11	-35.71	0	173.57	173.57	0	610.5	2.5	0.0007697	4.86	Si
6418	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLD 9	35.5	0	173.57	173.57	0	610.5	2.5	0.0007697	4.8891	Si
6379	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLD 9	35.47	0	173.57	173.57	0	610.5	2.5	0.0007697	4.8938	Si
6591	Y	1	0.3	0.00077	0.047	0.00077	0.047	0	0	SLD 7	-36.07	0	177.87	177.87	0	646.26	2.5	0.0007697	4.931	Si
6623	Y	1	0.3	0.00077	0.047	0.00077	0.047	0	0	SLD 7	-35.97	0	177.87	177.87	0	646.26	2.5	0.0007697	4.9443	Si
6417	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLD 9	34.79	0	173.57	173.57	0	610.5	2.5	0.0007697	4.9893	Si
6743	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLD 11	-34.46	0	173.57	173.57	0	610.5	2.5	0.0007697	5.0367	Si
6593	Y	1	0.3	0.00077	0.047	0.00077	0.047	0	0	SLD 7	-35.27	0	177.87	177.87	0	646.26	2.5	0.0007697	5.0434	Si
6381	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLD 9	34.14	0	173.57	173.57	0	610.5	2.5	0.0007697	5.0838	Si
6737	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLD 7	-34.09	0	173.57	173.57	0	610.5	2.5	0.0007697	5.0921	Si
6745	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLD 7	-33.73	0	173.57	173.57	0	610.5	2.5	0.0007697	5.1464	Si
6420	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLD 9	33.72	0	173.57	173.57	0	610.5	2.5	0.0007697	5.1477	Si
6717	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLD 7	-33.53	0	173.57	173.57	0	610.5	2.5	0.0007697	5.1762	Si

Verifiche SLE tensione calcestruzzo nei nodi

Nodo	Dir.	B	H	A. sup.	C. sup.	A. inf.	C. inf.	Comb.	M	N	oc	σ _{lim}	Es/Ec	Verifica
6745	X	1	0.3	0.00077	0.061	0.00077	0.061	SLE QP 4	-26.9428	0	-1661	13073	15	Si
6744	X	1	0.3	0.00077	0.061	0.00077	0.061	SLE QP 4	-26.8901	0	-1658	13073	15	Si
6735	X	1	0.3	0.00077	0.061	0.00077	0.061	SLE QP 4	-26.8652	0	-1656	13073	15	Si
6379	X	1	0.3	0.00077	0.061	0.00077	0.061	SLE QP 4	-26.7363	0	-1648	13073	15	Si
6380	X	1	0.3	0.00077	0.061	0.00077	0.061	SLE QP 4	-26.7155	0	-1647	13073	15	Si
6378	X	1	0.3	0.00077	0.061	0.00077	0.061	SLE QP 4	-26.699	0	-1646	13073	15	Si
6736	X	1	0.3	0.00077	0.061	0.00077	0.061	SLE QP 4	-26.6656	0	-1644	13073	15	Si
6381	X	1	0.3	0.00077	0.061	0.00077	0.061	SLE QP 4	-26.4851	0	-1633	13073	15	Si
6377	X	1	0.3	0.00077	0.061	0.00077	0.061	SLE QP 4	-26.1492	0	-1612	13073	15	Si
6382	X	1	0.3	0.00077	0.061	0.00077	0.061	SLE QP 4	-25.7505	0	-1588	13073	15	Si
6746	X	1	0.3	0.00077	0.061	0.00077	0.061	SLE QP 4	-25.2779	0	-1559	13073	15	Si
6734	X	1	0.3	0.00077	0.061	0.00077	0.061	SLE QP 4	-25.2433	0	-1556	13073	15	Si
6378	X	1	0.3	0.00077	0.061	0.00077	0.061	SLE RA 7	-33.2595	0	-2051	17430	15	Si
6379	X	1	0.3	0.00077	0.061	0.00077	0.061	SLE RA 7	-33.1943	0	-2047	17430	15	Si
6380	X	1	0.3	0.00077	0.061	0.00077	0.061	SLE RA 7	-33.1294	0	-2043	17430	15	Si
6376	X	1	0.3	0.00077	0.061	0.00077	0.061	SLE QP 4	-24.8451	0	-1532	13073	15	Si
6381	X	1	0.3	0.00077	0.061	0.00077	0.061	SLE RA 7	-32.9373	0	-2031	17430	15	Si
6377	X	1	0.3	0.00077	0.061	0.00077	0.061	SLE RA 7	-32.8181	0	-2023	17430	15	Si
6383	X	1	0.3	0.00077	0.061	0.00077	0.061	SLE QP 4	-24.4324	0	-1506	13073	15	Si
6745	X	1	0.3	0.00077	0.061	0.00077	0.061	SLE RA 7	-32.543	0	-2006	17430	15	Si

Verifiche SLE tensione acciaio nei nodi

Nodo	Dir.	B	H	A. sup.	C. sup.	A. inf.	C. inf.	Comb.	M	N	of	σ _{lim}	Es/Ec	Verifica
6378	X	1	0.3	0.00077	0.061	0.00077	0.061	SLE RA 7	-33.2595	0	18250	360000	15	Si
6379	X	1	0.3	0.00077	0.061	0.00077	0.061	SLE RA 7	-33.1943	0	18215	360000	15	Si
6380	X	1	0.3	0.00077	0.061	0.00077	0.061	SLE RA 7	-33.1294	0	18179	360000	15	Si
6381	X	1	0.3	0.00077	0.061	0.00077	0.061	SLE RA 7	-32.9373	0	18074	360000	15	Si
6377	X	1	0.3	0.00077	0.061	0.00077	0.061	SLE RA 7	-32.8181	0	18008	360000	15	Si
6745	X	1	0.3	0.00077	0.061	0.00077	0.061	SLE RA 7	-32.543	0	17857	360000	15	Si
6744	X	1	0.3	0.00077	0.061	0.00077	0.061	SLE RA 7	-32.4591	0	17811	360000	15	Si
6735	X	1	0.3	0.00077	0.061	0.00077	0.061	SLE RA 7	-32.4544	0	17809	360000	15	Si
6382	X	1	0.3	0.00077	0.061	0.00077	0.061	SLE RA 7	-32.3323	0	17742	360000	15	Si
6736	X	1	0.3	0.00077	0.061	0.00077	0.061	SLE RA 7	-32.2239	0	17682	360000	15	Si
6376	X	1	0.3	0.00077	0.061	0.00077	0.061	SLE RA 7	-31.5976	0	17338	360000	15	Si
6383	X	1	0.3	0.00077	0.061	0.00077	0.061	SLE RA 7	-31.1337	0	17084	360000	15	Si
6746	X	1	0.3	0.00077	0.061	0.00077	0.061	SLE RA 7	-30.5518	0	16765	360000	15	Si
6734	X	1	0.3	0.00077	0.061	0.00077	0.061	SLE RA 7	-30.5004	0	16736	360000	15	Si
6375	X	1	0.3	0.00077	0.061	0.00077	0.061	SLE RA 7	-29.5058	0	16191	360000	15	Si
6384	X	1	0.3	0.00077	0.061	0.00077	0.061	SLE RA 7	-29.3395	0	16099	360000	15	Si
6743	X	1	0.3	0.00077	0.061	0.00077	0.061	SLE RA 7	-28.9317	0	15876	360000	15	Si
6737	X	1	0.3	0.00077	0.061	0.00077	0.061	SLE RA 7	-28.5897	0	15688	360000	15	Si
6747	X	1	0.3	0.00077	0.061	0.00077	0.061	SLE RA 7	-28.236	0	15494	360000	15	Si
6733	X	1	0.3	0.00077	0.061	0.00077	0.061	SLE RA 7	-28.2058	0	15477	360000	15	Si

Verifiche SLE fessurazione nei nodi

La piastra non presenta nodi con apertura delle fessure.

Soletta vano di ingresso

Verifiche condotte secondo D.M. 17-01-18 (N.T.C.)

Geometria

Caratteristiche dei materiali

Acciaio: B450C Fyk 450000
Calcestruzzo: C28/35 Rck 35000

Sistema di riferimento e direzioni di armatura

Le coordinate citate nel seguito sono espresse in un sistema di riferimento cartesiano con origine in (11.4; 19.35; 2.2), direzione dell'asse X = (0.01; 0; 0), direzione dell'asse Y = (0; 0.01; 0).

Le direzioni X/Y di armatura e le sezioni X/Y di verifica sono individuate dagli assi del sistema di riferimento.

Verifiche nei nodi**Verifiche SLU flessione nei nodi**

La struttura è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione, per le combinazioni SLV, viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Nodo	Dir.	B	H	A. sup.	C. sup.	A. inf.	C. inf.	Comb.	M	N	Mu	Nu	c.s.	Verifica
5482	X	1	0.3	0.00077	0.061	0.00077	0.061	SLV 9	49.5492	0	65.4664	0	1.3212	Si
5481	X	1	0.3	0.00077	0.061	0.00077	0.061	SLV 9	42.5505	0	65.4664	0	1.5386	Si
5483	X	1	0.3	0.00077	0.061	0.00077	0.061	SLV 9	37.4845	0	65.4664	0	1.7465	Si
5482	X	1	0.3	0.00077	0.061	0.00077	0.061	SLV 7	-31.8689	0	-65.4664	0	2.0542	Si
5437	Y	0.5	0.3	0.000385	0.047	0.000385	0.047	SLV 9	-15.4988	0	-32.6399	0	2.106	Si
5481	X	1	0.3	0.00077	0.061	0.00077	0.061	SLV 7	-27.0794	0	-65.4664	0	2.4176	Si
5483	X	1	0.3	0.00077	0.061	0.00077	0.061	SLV 7	-26.5943	0	-65.4664	0	2.4617	Si
5480	X	1	0.3	0.00077	0.061	0.00077	0.061	SLV 9	25.0337	0	65.4664	0	2.6151	Si
5472	Y	0.967	0.3	0.000744	0.047	0.000744	0.047	SLV 9	-21.2931	0	-66.1896	0	3.1085	Si
5439	X	1	0.3	0.00077	0.061	0.00077	0.061	SLV 9	19.6548	0	65.4664	0	3.3308	Si
5457	Y	0.967	0.3	0.000744	0.047	0.000744	0.047	SLV 9	-19.7925	0	-66.1896	0	3.3442	Si
5484	X	1	0.3	0.00077	0.061	0.00077	0.061	SLV 9	18.4844	0	65.4664	0	3.5417	Si
5480	X	1	0.3	0.00077	0.061	0.00077	0.061	SLV 7	-17.7909	0	-65.4664	0	3.6798	Si
5439	X	1	0.3	0.00077	0.061	0.00077	0.061	SLV 7	-17.6437	0	-65.4664	0	3.7105	Si
5437	X	1	0.3	0.00077	0.061	0.00077	0.061	SLV 9	17.0516	0	65.4664	0	3.8393	Si
5484	X	1	0.3	0.00077	0.061	0.00077	0.061	SLV 7	-16.9673	0	-65.4664	0	3.8584	Si
5470	X	1	0.3	0.00077	0.061	0.00077	0.061	SLV 9	15.3301	0	65.4664	0	4.2705	Si
5482	Y	0.5	0.3	0.000385	0.047	0.000385	0.047	SLV 5	-6.9921	0	-32.6399	0	4.6681	Si
5475	X	1	0.3	0.00077	0.061	0.00077	0.061	SLV 9	13.7049	0	65.4664	0	4.7769	Si
5437	X	1	0.3	0.00077	0.061	0.00077	0.061	SLV 7	-12.9429	0	-65.4664	0	5.0581	Si

Verifiche SLD Resistenza flessione nei nodi

La struttura è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Nodo	Dir.	B	H	A. sup.	C. sup.	A. inf.	C. inf.	Comb.	M	N	Mu	Nu	c.s.	Verifica
5482	X	1	0.3	0.00077	0.061	0.00077	0.061	SLD 9	29.042	0	65.4664	0	2.2542	Si
5481	X	1	0.3	0.00077	0.061	0.00077	0.061	SLD 9	25.0243	0	65.4664	0	2.6161	Si
5437	Y	0.5	0.3	0.000385	0.047	0.000385	0.047	SLD 9	-10.6664	0	-32.6399	0	3.0601	Si
5483	X	1	0.3	0.00077	0.061	0.00077	0.061	SLD 9	21.3506	0	65.4664	0	3.0663	Si
5480	X	1	0.3	0.00077	0.061	0.00077	0.061	SLD 9	14.263	0	65.4664	0	4.5899	Si
5472	Y	0.967	0.3	0.000744	0.047	0.000744	0.047	SLD 9	-13.1948	0	-66.1896	0	5.0163	Si
5457	Y	0.967	0.3	0.000744	0.047	0.000744	0.047	SLD 9	-12.6307	0	-66.1896	0	5.2404	Si
5482	X	1	0.3	0.00077	0.061	0.00077	0.061	SLD 7	-11.4193	0	-65.4664	0	5.733	Si
5483	X	1	0.3	0.00077	0.061	0.00077	0.061	SLD 7	-10.4552	0	-65.4664	0	6.2616	Si
5439	X	1	0.3	0.00077	0.061	0.00077	0.061	SLD 9	10.2509	0	65.4664	0	6.3864	Si
5481	X	1	0.3	0.00077	0.061	0.00077	0.061	SLD 7	-9.8671	0	-65.4664	0	6.6348	Si
5484	X	1	0.3	0.00077	0.061	0.00077	0.061	SLD 9	9.5844	0	65.4664	0	6.8305	Si
5437	X	1	0.3	0.00077	0.061	0.00077	0.061	SLD 9	9.424	0	65.4664	0	6.9468	Si
5470	X	1	0.3	0.00077	0.061	0.00077	0.061	SLD 9	9.4025	0	65.4664	0	6.9626	Si
5482	Y	0.5	0.3	0.000385	0.047	0.000385	0.047	SLD 5	-4.5413	0	-32.6399	0	7.1873	Si
5439	Y	0.5	0.3	0.000385	0.047	0.000385	0.047	SLD 5	-4.0904	0	-32.6399	0	7.9795	Si
5475	X	1	0.3	0.00077	0.061	0.00077	0.061	SLD 9	8.1205	0	65.4664	0	8.0619	Si
5484	X	1	0.3	0.00077	0.061	0.00077	0.061	SLD 7	-8.0662	0	-65.4664	0	8.1161	Si
5439	X	1	0.3	0.00077	0.061	0.00077	0.061	SLD 7	-8.0281	0	-65.4664	0	8.1546	Si
5435	Y	0.5	0.3	0.000385	0.047	0.000385	0.047	SLD 9	3.8221	0	32.6399	0	8.5397	Si

Verifiche SLU taglio nei nodi

Nodo	Dir.	B	H	A. sup.	C. sup.	A. inf.	C. inf.	A. st.	A. sag.	Comb.	Ved	N	Vrd	Vrdc	Vrsd	Vrcd	cotgθ	Asl	c.s.	Verifica
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Vano di equalizzazione e sedimentazione meccanica

Nodo	Dir.	B	H	A. sup.	C. sup.	A. inf.	C. inf.	A. st.	A. sag.	Comb.	Ved	N	Vrd	Vrdc	Vrsd	Vrcd	cotgθ	Asl	c.s.	Verifica
5472	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLV 9	113.84	0	119.46	119.46	0	610.5	2.5	0.0007697	1.0494	Si
5482	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLV 9	107.39	0	119.46	119.46	0	610.5	2.5	0.0007697	1.1124	Si
5471	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLV 9	85.29	0	119.46	119.46	0	610.5	2.5	0.0007697	1.4006	Si
5481	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLV 9	79	0	119.46	119.46	0	610.5	2.5	0.0007697	1.5121	Si
5472	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLV 7	-71.02	0	119.46	119.46	0	610.5	2.5	0.0007697	1.6821	Si
5483	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLV 9	68.33	0	119.46	119.46	0	610.5	2.5	0.0007697	1.7483	Si
5482	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLV 7	-66.76	0	119.46	119.46	0	610.5	2.5	0.0007697	1.7895	Si
5471	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLV 7	-53.67	0	119.46	119.46	0	610.5	2.5	0.0007697	2.2256	Si
5481	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLV 7	-50.36	0	119.46	119.46	0	610.5	2.5	0.0007697	2.372	Si
5483	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLV 7	-49.04	0	119.46	119.46	0	610.5	2.5	0.0007697	2.4359	Si
5437	Y	0.5	0.3	0.000385	0.047	0.000385	0.047	0	0	SLV 9	-24.63	0	61.96	61.96	0	323.13	2.5	0.0003848	2.5158	Si
5482	Y	0.5	0.3	0.000385	0.047	0.000385	0.047	0	0	SLV 5	22.97	0	61.96	61.96	0	323.13	2.5	0.0003848	2.6978	Si
5439	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLV 9	-42.28	0	119.46	119.46	0	610.5	2.5	0.0007697	2.8252	Si
5450	Y	0.915	0.3	0.000704	0.047	0.000704	0.047	0	0	SLV 5	37.19	0	113.4	113.4	0	591.39	2.5	0.0007043	3.0496	Si
5481	Y	0.5	0.3	0.000385	0.047	0.000385	0.047	0	0	SLV 9	-19.85	0	61.96	61.96	0	323.13	2.5	0.0003848	3.121	Si
5439	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLV 7	38.08	0	119.46	119.46	0	610.5	2.5	0.0007697	3.1374	Si
5472	Y	0.967	0.3	0.000744	0.047	0.000744	0.047	0	0	SLV 9	37.26	0	119.79	119.79	0	624.72	2.5	0.000744	3.2147	Si
5437	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLV 9	-36.56	0	119.46	119.46	0	610.5	2.5	0.0007697	3.2676	Si
5450	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLV 9	-36.1	0	119.46	119.46	0	610.5	2.5	0.0007697	3.3092	Si
5483	Y	0.5	0.3	0.000385	0.047	0.000385	0.047	0	0	SLV 5	18.69	0	61.96	61.96	0	323.13	2.5	0.0003848	3.3149	Si

Verifiche SLD Resistenza taglio nei nodi

Nodo	Dir.	B	H	A. sup.	C. sup.	A. inf.	C. inf.	A. st.	A. sag.	Comb.	Ved	N	Vrd	Vrdc	Vrsd	Vrcd	cotgθ	Asl	c.s.	Verifica
5472	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLD 9	67.22	0	173.57	173.57	0	610.5	2.5	0.0007697	2.5823	Si
5482	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLD 9	63.47	0	173.57	173.57	0	610.5	2.5	0.0007697	2.7346	Si
5471	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLD 9	50.25	0	173.57	173.57	0	610.5	2.5	0.0007697	3.4543	Si
5481	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLD 9	46.39	0	173.57	173.57	0	610.5	2.5	0.0007697	3.7419	Si
5483	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLD 9	38.79	0	173.57	173.57	0	610.5	2.5	0.0007697	4.4746	Si
5437	Y	0.5	0.3	0.000385	0.047	0.000385	0.047	0	0	SLD 9	-17.6	0	88.93	88.93	0	323.13	2.5	0.0003848	5.0518	Si
5482	Y	0.5	0.3	0.000385	0.047	0.000385	0.047	0	0	SLD 5	14.07	0	88.93	88.93	0	323.13	2.5	0.0003848	6.3201	Si
5450	Y	0.915	0.3	0.000704	0.047	0.000704	0.047	0	0	SLD 5	24.26	0	162.77	162.77	0	591.39	2.5	0.0007043	6.7083	Si
5472	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLD 7	-24.39	0	173.57	173.57	0	610.5	2.5	0.0007697	7.1152	Si
5481	Y	0.5	0.3	0.000385	0.047	0.000385	0.047	0	0	SLD 9	-12.21	0	88.93	88.93	0	323.13	2.5	0.0003848	7.285	Si
5482	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLD 7	-22.84	0	173.57	173.57	0	610.5	2.5	0.0007697	7.5999	Si
5483	Y	0.5	0.3	0.000385	0.047	0.000385	0.047	0	0	SLD 5	11.58	0	88.93	88.93	0	323.13	2.5	0.0003848	7.6827	Si
5472	Y	0.967	0.3	0.000744	0.047	0.000744	0.047	0	0	SLD 9	22.1	0	171.94	171.94	0	624.72	2.5	0.000744	7.7784	Si
5439	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLD 9	-21.89	0	173.57	173.57	0	610.5	2.5	0.0007697	7.9297	Si
5456	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLD 9	20.84	0	173.57	173.57	0	610.5	2.5	0.0007697	8.3276	Si
5437	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLD 9	-20	0	173.57	173.57	0	610.5	2.5	0.0007697	8.6774	Si
5450	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLD 9	-19.84	0	173.57	173.57	0	610.5	2.5	0.0007697	8.7476	Si
5483	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLD 7	-19.45	0	173.57	173.57	0	610.5	2.5	0.0007697	8.923	Si
5456	Y	0.967	0.3	0.000744	0.047	0.000744	0.047	0	0	SLD 9	-19.24	0	171.94	171.94	0	624.72	2.5	0.000744	8.9376	Si
5471	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLD 7	-18.63	0	173.57	173.57	0	610.5	2.5	0.0007697	9.3173	Si

Verifiche SLE tensione calcestruzzo nei nodi

Nodo	Dir.	B	H	A. sup.	C. sup.	A. inf.	C. inf.	Comb.	M	N	σc	σlim	Es/Ec	Verifica
5437	Y	0.5	0.3	0.000385	0.047	0.000385	0.047	SLE QP 1	-6.9569	0	-837	13073	15	Si
5482	X	1	0.3	0.00077	0.061	0.00077	0.061	SLE QP 1	12.6525	0	-780	13073	15	Si
5481	X	1	0.3	0.00077	0.061	0.00077	0.061	SLE QP 1	11.0561	0	-682	13073	15	Si
5437	Y	0.5	0.3	0.000385	0.047	0.000385	0.047	SLE RA 1	-6.9569	0	-837	17430	15	Si
5482	X	1	0.3	0.00077	0.061	0.00077	0.061	SLE RA 1	12.6525	0	-780	17430	15	Si
5483	X	1	0.3	0.00077	0.061	0.00077	0.061	SLE QP 1	8.4685	0	-522	13073	15	Si
5481	X	1	0.3	0.00077	0.061	0.00077	0.061	SLE RA 1	11.0561	0	-682	17430	15	Si
5457	Y	0.967	0.3	0.000744	0.047	0.000744	0.047	SLE QP 1	-7.056	0	-439	13073	15	Si
5477	X	0.5	0.3	0.000385	0.061	0.000385	0.061	SLE QP 1	-3.4892	0	-430	13073	15	Si
5472	Y	0.967	0.3	0.000744	0.047	0.000744	0.047	SLE QP 1	-6.7526	0	-420	13073	15	Si
5483	X	1	0.3	0.00077	0.061	0.00077	0.061	SLE RA 1	8.4685	0	-522	17430	15	Si
5457	Y	0.967	0.3	0.000744	0.047	0.000744	0.047	SLE RA 1	-7.056	0	-439	17430	15	Si
5480	X	1	0.3	0.00077	0.061	0.00077	0.061	SLE QP 1	5.2485	0	-324	13073	15	Si
5477	X	0.5	0.3	0.000385	0.061	0.000385	0.061	SLE RA 1	-3.4892	0	-430	17430	15	Si
5478	X	0.97	0.3	0.000747	0.061	0.000747	0.061	SLE QP 1	-4.9816	0	-317	13073	15	Si
5472	Y	0.967	0.3	0.000744	0.047	0.000744	0.047	SLE RA 1	-6.7526	0	-420	17430	15	Si
5482	Y	0.5	0.3	0.000385	0.047	0.000385	0.047	SLE QP 1	-2.5157	0	-302	13073	15	Si
5470	X	1	0.3	0.00077	0.061	0.00077	0.061	SLE QP 1	4.8991	0	-302	13073	15	Si
5439	Y	0.5	0.3	0.000385	0.047	0.000385	0.047	SLE QP 1	-2.4379	0	-293	13073	15	Si
5435	Y	0.5	0.3	0.000385	0.047	0.000385	0.047	SLE QP 1	2.3172	0	-279	13073	15	Si

Verifiche SLE tensione acciaio nei nodi

Nodo	Dir.	B	H	A. sup.	C. sup.	A. inf.	C. inf.	Comb.	M	N	σf	σlim	Es/Ec	Verifica
5437	Y	0.5	0.3	0.000385	0.047	0.000385	0.047	SLE RA 1	-6.9569	0	8616	360000	15	Si
5482	X	1	0.3	0.00077	0.061	0.00077	0.061	SLE RA 1	12.6525	0	6943	360000	15	Si
5481	X	1	0.3	0.00077	0.061	0.00077	0.061	SLE RA 1	11.0561	0	6067	360000	15	Si
5483	X	1	0.3	0.00077	0.061	0.00077	0.061	SLE RA 1	8.4685	0	4647	360000	15	Si
5457	Y	0.967	0.3	0.000744	0.047	0.000744	0.047	SLE RA 1	-7.056	0	4520	360000	15	Si
5472	Y	0.967	0.3	0.000744	0.047	0.000744	0.047	SLE RA 1	-6.7526	0	4326	360000	15	Si
5477	X	0.5	0.3	0.000385	0.061	0.000385	0.061	SLE RA 1	-3.4892	0	3829	360000	15	Si
5482	Y	0.5	0.3	0.000385	0.047	0.000385</								

Descrizione breve: nome sintetico assegnato al livello.

Descrizione: nome assegnato al livello.

Quota: quota superiore espressa nel sistema di riferimento assoluto. [m]

Spessore: spessore del livello. [m]

Descrizione: descrizione della sezione di verifica.

Dir.: direzione della sezione di verifica.

Base: base della sezione. [m]

Altezza: altezza della sezione. [m]

As,sup: area di acciaio efficace superiore. [m²]

As,inf: area di acciaio efficace inferiore. [m²]

c,sup: copriferro medio superiore. [m]

c,inf: copriferro medio inferiore. [m]

Comb.: combinazione di verifica.

MEd: momento agente. [kN*m]

NEd: sforzo normale agente, positivo se di trazione. [kN]

MRd: momento resistente. [kN*m]

NRd: sforzo normale resistente, positivo se di trazione. [kN]

c.s.: coefficiente di sicurezza.

Verifica: stato di verifica.

d: altezza utile. [m]

bw: minima larghezza anima. [m]

Armatura a taglio: necessità di armatura a taglio.

Asw/s: rapporto tra l'area dell'armatura trasversale e l'interasse tra due armature consecutive.

VEd: taglio agente. [kN]

Vrd,c: resistenza di calcolo a taglio per elementi privi di armature trasversali. [kN]

Vrcd: valore resistente di calcolo a taglio compressione del calcestruzzo d'anima. [kN]

Vrsd: valore resistente di calcolo a taglio trazione dell'armatura trasversale. [kN]

VRd: resistenza a taglio. [kN]

cotg(θ): cotangente dell'angolo dei puntoni rispetto all'asse.

Asl: area armatura longitudinale. [m²]

Sezione fessurata: sezione fessurata.

σc: tensione del calcestruzzo. [kN/m²]

σc limite: tensione limite del calcestruzzo. [kN/m²]

Es/Ec: coefficiente di omogenizzazione.

σf: tensione dell'armatura. [kN/m²]

σf limite: tensione limite dell'armatura. [kN/m²]

Fessurazione non valutabile: nessuna armatura presente nell'area di cls teso efficace.

εsm: deformazione unitaria media delle barre d'armatura.

Δmax: distanza massima tra le fessure. [m]

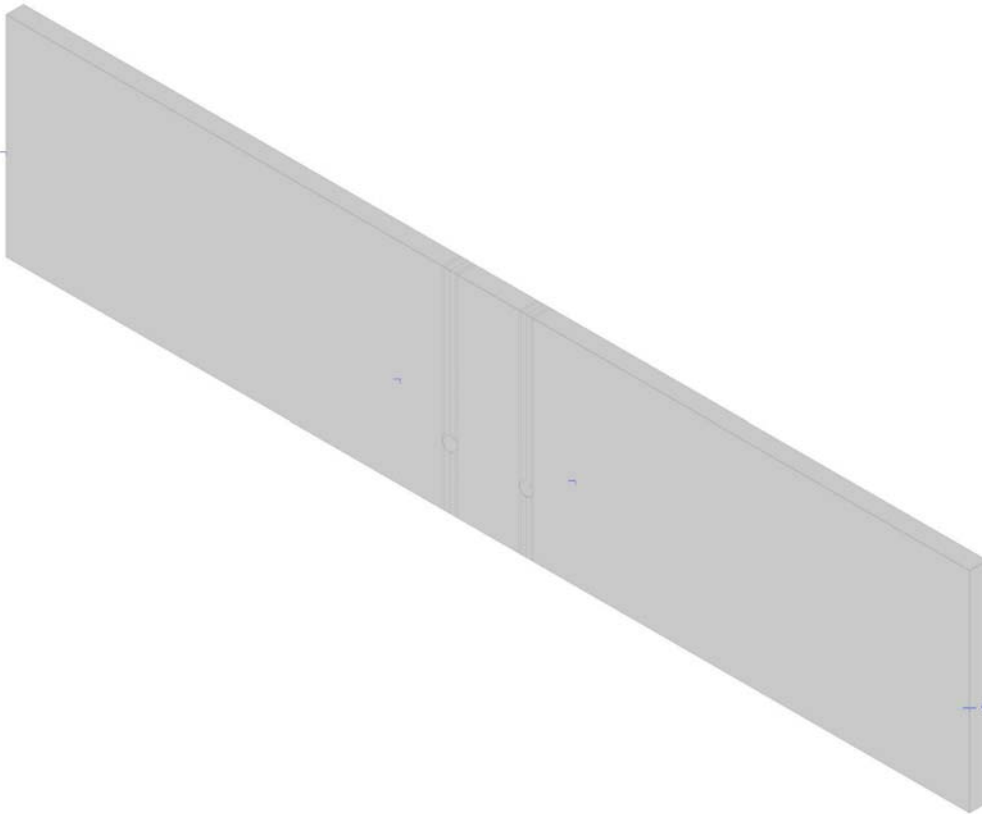
Wd: ampiezza delle fessure. [m]

Wlim: ampiezza fessure limite. [m]

Parete FILI 1-4

Verifiche condotte secondo D.M. 17-01-18 (N.T.C.)

Geometria



Caratteristiche dei materiali

Acciaio: B450C Fyk 450000

Calcestruzzo: C28/35 Rck 35000

Livelli significativi

Descrizione breve	Descrizione	Quota	Spessore
L1	Livello platea ribassata	-2.6	0
L2	Platea di fondazione vasca	-1.1	0
L3	Piano campagna	0	0
L4	Livello soletta paratoie	2.2	0
L5	Livello stramazzi	2.62	0
L6	Livello coronamento	3.4	0

Verifiche nei nodi

Sezioni rettangolari

Descrizione	Dir.	Base	Altezza	As,sup	As,inf	c,sup	c,inf
6104 Prosp.A	Verticale	0.5	0.5	0.000402	0.000402	0.048	0.048
5867 Prosp.A	Verticale	0.9615	0.5	0.002011	0.002011	0.048	0.048
5551 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
5230 Prosp.A	Verticale	1	0.5	0.002003	0.002003	0.048	0.048
6125 Prosp.A	Verticale	0.5	0.5	0.001005	0.001005	0.048	0.048
5988 Prosp.A	Verticale	0.9421	0.5	0.001005	0.001005	0.048	0.048
5677 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5875 Prosp.A	Verticale	0.9547	0.5	0.002011	0.002011	0.048	0.048
4955 Prosp.A	Verticale	1	0.5	0.001927	0.001927	0.048	0.048
6114 Prosp.A	Verticale	0.5	0.5	0.000603	0.000402	0.048	0.048
6095 Prosp.A	Verticale	0.5	0.5	0.000402	0.000402	0.048	0.048
6113 Prosp.A	Verticale	0.5	0.5	0.000603	0.000402	0.048	0.048
6115 Prosp.A	Verticale	0.5	0.5	0.000603	0.000402	0.048	0.048
6123 Prosp.A	Verticale	0.5	0.5	0.000603	0.000603	0.048	0.048
6116 Prosp.A	Verticale	0.5	0.5	0.000603	0.000402	0.048	0.048
6112 Prosp.A	Verticale	0.5	0.5	0.000603	0.000402	0.048	0.048
5254 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5560 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
6072 Prosp.A	Verticale	0.5	0.5	0.001005	0.001005	0.048	0.048
4714 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
5866 Prosp.A	Verticale	0.9615	0.5	0.001944	0.001944	0.048	0.048
6046 Prosp.A	Verticale	0.89	0.5	0.000804	0.000804	0.048	0.048
6111 Prosp.A	Verticale	0.5	0.5	0.000603	0.000402	0.048	0.048
5992 Prosp.A	Verticale	0.9398	0.5	0.001005	0.001005	0.048	0.048
5680 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
4424 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5238 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
4993 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5550 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
4423 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
4702 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
4140 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
4139 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
6110 Prosp.A	Verticale	0.5	0.5	0.000603	0.000402	0.048	0.048
4701 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5229 Prosp.A	Verticale	1	0.5	0.002003	0.002003	0.048	0.048
6122 Prosp.A	Verticale	0.5	0.5	0.000603	0.000603	0.048	0.048
5336 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
4449 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
4971 Prosp.A	Verticale	1	0.5	0.002003	0.002003	0.048	0.048

Descrizione	Dir.	Base	Altezza	As,sup	As,inf	c,sup	c,inf
6048 Prosp.A	Verticale	0.8877	0.5	0.000804	0.000804	0.048	0.048
6124 Prosp.A	Verticale	0.5	0.5	0.001005	0.001005	0.048	0.048
6056 Prosp.A	Verticale	0.8752	0.5	0.001224	0.000804	0.048	0.048
5979 Prosp.A	Verticale	0.9465	0.5	0.001931	0.001931	0.048	0.048
5679 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5993 Prosp.A	Verticale	0.939	0.5	0.001005	0.001005	0.048	0.048
4718 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
4954 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
5985 Prosp.A	Verticale	0.9451	0.5	0.001005	0.001005	0.048	0.048
6094 Prosp.A	Verticale	0.5	0.5	0.000402	0.000603	0.048	0.048
6055 Prosp.A	Verticale	0.8757	0.5	0.000804	0.000804	0.048	0.048
5674 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5684 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
3551 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
4713 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
5999 Prosp.A	Verticale	0.9344	0.5	0.001005	0.001005	0.048	0.048
3552 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5691 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5255 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
4999 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5006 Prosp.A	Verticale	1	0.5	0.001005	0.00096	0.048	0.048
5574 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
5682 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5991 Prosp.A	Verticale	0.9405	0.5	0.001005	0.001005	0.048	0.048
4995 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5367 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
6005 Prosp.A	Verticale	0.9322	0.5	0.001005	0.001005	0.048	0.048
5995 Prosp.A	Verticale	0.9365	0.5	0.00181	0.00181	0.048	0.048
5690 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5986 Prosp.A	Verticale	0.9442	0.5	0.001005	0.001005	0.048	0.048
5722 Prosp.A	Verticale	1	0.5	0.000989	0.001005	0.048	0.048
5422 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5724 Prosp.A	Verticale	1	0.5	0.000929	0.001005	0.048	0.048
4448 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
5697 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5723 Prosp.A	Verticale	1	0.5	0.00151	0.001005	0.048	0.048
5258 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5370 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
872 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
6025 Prosp.A	Verticale	0.9032	0.5	0.001005	0.000804	0.048	0.048
5578 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5134 Prosp.A	Verticale	1	0.5	0.00153	0.001005	0.048	0.048
5012 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5372 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
4716 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
5419 Prosp.A	Verticale	1	0.5	0.00153	0.001005	0.048	0.048
4442 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
6109 Prosp.A	Verticale	0.5	0.5	0.000603	0.000402	0.048	0.048
4454 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5244 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5130 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
871 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5135 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
4824 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5719 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
3326 Prosp.A	Verticale	1	0.5	0.001407	0.001407	0.048	0.048
5013 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5424 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
6073 Prosp.A	Verticale	0.5	0.5	0.001005	0.001005	0.048	0.048
4994 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
4173 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
6002 Prosp.A	Verticale	0.9334	0.5	0.001005	0.001005	0.048	0.048
4998 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
4982 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
4185 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
5688 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
4725 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
4729 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
4715 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
4723 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
4733 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
6117 Prosp.A	Verticale	0.5	0.5	0.000603	0.000603	0.048	0.048
4953 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5368 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5242 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5996 Prosp.A	Verticale	0.9352	0.5	0.001005	0.001005	0.048	0.048
5664 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
5250 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
4184 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
4991 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
4721 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
6074 Prosp.A	Verticale	0.5	0.5	0.000885	0.000885	0.048	0.048
3601 Prosp.A	Verticale	1	0.5	0.00181	0.00181	0.048	0.048
3602 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
6013 Prosp.A	Verticale	0.9203	0.5	0.001604	0.001604	0.048	0.048
4451 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
4447 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
5689 Prosp.A	Verticale	1	0.5	0.001771	0.001771	0.048	0.048
3588 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
4174 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
4159 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
4175 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
3580 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
3587 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
4160 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
4172 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
3575 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
3590 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
4157 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
3584 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064

Descrizione	Dir.	Base	Altezza	As,sup	As,inf	c,sup	c,inf
5744 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
3585 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
4162 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
5343 Prosp.A	Verticale	1	0.5	0.001781	0.001781	0.048	0.048
4171 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
4176 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
3571 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
4156 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
3591 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
4437 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
4462 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
4438 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
4464 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
4183 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
4180 Prosp.A	Verticale	1	0.5	0.001991	0.001991	0.048	0.048
3600 Prosp.A	Verticale	1	0.5	0.00181	0.00181	0.048	0.048
3327 Prosp.A	Verticale	1	0.5	0.00181	0.00181	0.048	0.048
5004 Prosp.A	Verticale	1	0.5	0.001798	0.001798	0.048	0.048
5245 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
3598 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
4728 Prosp.A	Verticale	1	0.5	0.001809	0.001809	0.048	0.048
4985 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
4452 Prosp.A	Verticale	1	0.5	0.001813	0.001813	0.048	0.048
3321 Prosp.A	Verticale	1	0.5	0.001407	0.001407	0.048	0.048
4717 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
4444 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
6105 Prosp.A	Verticale	0.5	0.5	0.000603	0.000402	0.048	0.048
3320 Prosp.A	Verticale	1	0.5	0.00181	0.00181	0.048	0.048
4182 Prosp.A	Verticale	1	0.5	0.001813	0.001813	0.048	0.048
6083 Prosp.A	Verticale	0.5	0.5	0.000402	0.000603	0.048	0.048
4177 Prosp.A	Verticale	1	0.5	0.002013	0.002013	0.048	0.048
6022 Prosp.A	Verticale	0.9101	0.5	0.001005	0.001005	0.048	0.048
6084 Prosp.A	Verticale	0.5	0.5	0.000402	0.000603	0.048	0.048
6082 Prosp.A	Verticale	0.5	0.5	0.000749	0.000603	0.048	0.048
6041 Prosp.A	Verticale	0.8946	0.5	0.000804	0.000938	0.048	0.048
6075 Prosp.A	Verticale	0.5	0.5	0.000603	0.000603	0.048	0.048
3597 Prosp.A	Verticale	1	0.5	0.001747	0.001642	0.048	0.048
6038 Prosp.A	Verticale	0.8978	0.5	0.000804	0.000977	0.048	0.048

Verifiche a flessione SLU D.M. 17-01-18 §4.1.2.3.4.2

La struttura è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione, per le combinazioni SLV, viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
6104 Prosp.A	Verticale	SLV 1	51.1763	69.47	55.7775	75.72	1.0899	Si
5867 Prosp.A	Verticale	SLV 15	249.037	231.25	272.1255	252.69	1.0927	Si
5551 Prosp.A	Verticale	SLV 15	237.7807	129.94	290.9281	158.98	1.2235	Si
5230 Prosp.A	Verticale	SLV 15	214.5934	105.51	292.6698	143.9	1.3638	Si
6125 Prosp.A	Verticale	SLV 15	92.1875	129.86	125.9122	177.37	1.3658	Si
5988 Prosp.A	Verticale	SLV 13	79.6941	187.68	110.0511	259.18	1.3809	Si
5677 Prosp.A	Verticale	SLV 13	80.0568	173.16	113.2373	244.93	1.4145	Si
5875 Prosp.A	Verticale	SLV 15	176.078	244.66	252.3931	350.7	1.4334	Si
4955 Prosp.A	Verticale	SLV 15	193.1626	104.54	279.4331	151.23	1.4466	Si
6114 Prosp.A	Verticale	SLV 13	-23.7375	101.12	-34.5483	147.17	1.4554	Si
6095 Prosp.A	Verticale	SLV 1	43.1671	26.26	63.5126	38.64	1.4713	Si
6113 Prosp.A	Verticale	SLV 13	-23.5316	98.01	-34.9266	145.47	1.4842	Si
6115 Prosp.A	Verticale	SLV 13	-21.7377	103.27	-32.706	155.38	1.5046	Si
6123 Prosp.A	Verticale	SLV 13	43.7908	99.83	66.6675	151.99	1.5224	Si
6116 Prosp.A	Verticale	SLV 15	-21.9924	96.68	-34.0171	149.54	1.5468	Si
6112 Prosp.A	Verticale	SLV 13	-21.7611	97.26	-33.7372	150.79	1.5503	Si
5254 Prosp.A	Verticale	SLV 13	74.1356	143.71	117.114	227.02	1.5797	Si
5560 Prosp.A	Verticale	SLV 15	175.0979	142.44	277.7062	225.91	1.586	Si
6072 Prosp.A	Verticale	SLV 3	92.1175	57.97	148.9032	93.71	1.6164	Si
4714 Prosp.A	Verticale	SLV 15	172.268	107.06	287.1061	178.42	1.6666	Si
5866 Prosp.A	Verticale	SLV 3	173.2009	100.05	290.6538	167.9	1.6781	Si
6046 Prosp.A	Verticale	SLV 1	67.5659	80.75	113.4754	135.61	1.6795	Si
6111 Prosp.A	Verticale	SLV 13	-19.0533	93.39	-32.179	157.72	1.6889	Si
5992 Prosp.A	Verticale	SLV 13	57.7867	179.03	99.3873	307.92	1.7199	Si
5680 Prosp.A	Verticale	SLV 13	58.3885	174.58	100.8596	301.56	1.7274	Si
4424 Prosp.A	Verticale	SLV 1	102.6496	-8.1	178.5959	-14.09	1.7399	Si
5238 Prosp.A	Verticale	SLV 15	161.2078	110.69	283.8441	194.89	1.7607	Si
4993 Prosp.A	Verticale	SLV 13	67.0908	124.41	118.6274	219.98	1.7682	Si
5550 Prosp.A	Verticale	SLV 3	171.3889	86.27	304.7718	153.4	1.7782	Si
4423 Prosp.A	Verticale	SLV 1	101.2716	-15.4	181.3953	-27.58	1.7912	Si
4702 Prosp.A	Verticale	SLV 1	99.2842	-8.15	178.7183	-14.67	1.8001	Si
4140 Prosp.A	Verticale	SLV 1	98.6271	-7.92	178.6367	-14.34	1.8112	Si
4139 Prosp.A	Verticale	SLV 1	97.8371	-8.61	178.9629	-15.76	1.8292	Si
6110 Prosp.A	Verticale	SLV 13	-15.9689	89.24	-29.9788	167.54	1.8773	Si
4701 Prosp.A	Verticale	SLV 1	98.011	-21.91	184.2011	-41.18	1.8794	Si
5229 Prosp.A	Verticale	SLV 3	161.6524	80.32	304.0114	151.06	1.8806	Si
6122 Prosp.A	Verticale	SLV 13	31.7475	97.7	59.7458	183.87	1.8819	Si
5336 Prosp.A	Verticale	SLV 13	54.9078	153.01	103.6533	288.84	1.8878	Si
4449 Prosp.A	Verticale	SLV 15	149.9931	102.18	284.1134	193.54	1.8942	Si
4971 Prosp.A	Verticale	SLV 15	149.0682	103.61	282.4462	196.31	1.8947	Si
6048 Prosp.A	Verticale	SLV 1	-65.0892	46.43	-123.3751	88.01	1.8955	Si
6124 Prosp.A	Verticale	SLV 15	63.2571	108.72	120.0061	206.26	1.8971	Si
6056 Prosp.A	Verticale	SLV 1	-64.0615	49.25	-122.454	94.14	1.9115	Si
5979 Prosp.A	Verticale	SLV 15	120.4257	207.43	230.3482	396.77	1.9128	Si
5679 Prosp.A	Verticale	SLV 15	-51.8815	158.28	-100.0503	305.23	1.9284	Si
5993 Prosp.A	Verticale	SLV 15	-48.7309	166.78	-95.3298	326.27	1.9562	Si
4718 Prosp.A	Verticale	SLV 13	59.7166	116.41	116.9135	227.92	1.9578	Si
4954 Prosp.A	Verticale	SLV 5	152.6423	86.32	301.2836	170.38	1.9738	Si
5985 Prosp.A	Verticale	SLV 15	-47.649	164.66	-94.9314	328.06	1.9923	Si
6094 Prosp.A	Verticale	SLV 1	32.4252	15.18	65.4737	30.65	2.0192	Si
6055 Prosp.A	Verticale	SLV 1	-59.824	49.38	-120.8003	99.71	2.0193	Si
5674 Prosp.A	Verticale	SLV 15	-48.6866	153.86	-98.6259	311.68	2.0257	Si
5684 Prosp.A	Verticale	SLV 15	-46.399	162.03	-94.5273	330.11	2.0373	Si
3551 Prosp.A	Verticale	SLV 3	87.1515	-4.49	177.5731	-9.15	2.0375	Si
4713 Prosp.A	Verticale	SLV 1	144.3471	95.37	296.1312	195.66	2.0515	Si
5999 Prosp.A	Verticale	SLV 15	-43.9464	169.38	-90.3991	348.41	2.057	Si
3552 Prosp.A	Verticale	SLV 3	87.0018	-9.63	179.8172	-19.91	2.0668	Si

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
5691 Prosp.A	Verticale	SLU 1	-71.0486	67.09	-146.8537	138.68	2.0669	Si
5255 Prosp.A	Verticale	SLV 15	-50.5003	137.76	-104.4913	285.05	2.0691	Si
4999 Prosp.A	Verticale	SLV 13	51.1722	134.19	106.0238	278.04	2.0719	Si
5006 Prosp.A	Verticale	SLU 1	-68.1672	61.82	-141.6411	128.45	2.0778	Si
5574 Prosp.A	Verticale	SLV 15	121.1752	165.56	253.515	346.37	2.0921	Si
5682 Prosp.A	Verticale	SLV 13	40.7901	174.95	85.9263	368.55	2.1065	Si
5991 Prosp.A	Verticale	SLV 13	40.0896	177.16	84.6532	374.08	2.1116	Si
4995 Prosp.A	Verticale	SLU 1	83.9882	-4.12	177.4911	-8.7	2.1133	Si
5367 Prosp.A	Verticale	SLU 1	-69.6377	64.48	-147.3226	136.41	2.1156	Si
6005 Prosp.A	Verticale	SLV 15	-40.9299	171.19	-86.9691	363.75	2.1248	Si
5995 Prosp.A	Verticale	SLU 1	125.1068	84.54	266.32	179.96	2.1287	Si
5690 Prosp.A	Verticale	SLU 1	-68.38	68.05	-145.5826	144.88	2.129	Si
5986 Prosp.A	Verticale	SLV 13	-40.3706	172.62	-86.0405	367.9	2.1313	Si
5722 Prosp.A	Verticale	SLU 1	-71.829	50.32	-153.3213	107.41	2.1345	Si
5422 Prosp.A	Verticale	SLU 1	-71.6265	51.25	-152.9202	109.42	2.135	Si
5724 Prosp.A	Verticale	SLU 1	-71.9823	48.93	-153.8538	104.59	2.1374	Si
4448 Prosp.A	Verticale	SLU 1	135.8438	104.44	290.4607	223.31	2.1382	Si
5697 Prosp.A	Verticale	SLU 1	67.9621	68.01	145.441	145.53	2.14	Si
5723 Prosp.A	Verticale	SLU 1	-70.8227	53.7	-152.1718	115.37	2.1486	Si
5258 Prosp.A	Verticale	SLU 1	-68.8834	61.6	-148.1642	132.5	2.1509	Si
5370 Prosp.A	Verticale	SLU 1	-67.6316	67.28	-145.5826	144.83	2.1526	Si
872 Prosp.A	Verticale	SLU 1	68.4922	63.06	147.4631	135.77	2.153	Si
6025 Prosp.A	Verticale	SLU 1	61.2193	93.9	132.018	202.5	2.1565	Si
5578 Prosp.A	Verticale	SLV 15	-44.4225	150.25	-95.8502	324.18	2.1577	Si
5134 Prosp.A	Verticale	SLU 1	-69.9348	55.44	-151.2485	119.9	2.1627	Si
5012 Prosp.A	Verticale	SLU 1	-67.0076	66.4	-145.677	144.36	2.174	Si
5372 Prosp.A	Verticale	SLU 1	64.8257	76.81	140.9559	167.01	2.1744	Si
4716 Prosp.A	Verticale	SLV 15	127.9213	102.51	278.2862	223.01	2.1754	Si
5419 Prosp.A	Verticale	SLU 1	-69.6569	54.4	-151.586	118.38	2.1762	Si
4442 Prosp.A	Verticale	SLV 13	51.7506	113.83	112.6276	247.74	2.1764	Si
6109 Prosp.A	Verticale	SLV 13	-12.0597	84.85	-26.2554	184.73	2.1771	Si
4454 Prosp.A	Verticale	SLU 1	58.7605	105.45	127.9562	229.63	2.1776	Si
5244 Prosp.A	Verticale	SLV 15	-47.2202	133.79	-102.999	291.83	2.1813	Si
5130 Prosp.A	Verticale	SLU 1	-67.6323	61.2	-147.884	133.83	2.1866	Si
871 Prosp.A	Verticale	SLU 1	64.2176	77.47	140.4734	169.46	2.1875	Si
5135 Prosp.A	Verticale	SLU 1	-69.7869	49.98	-152.9202	109.52	2.1912	Si
4824 Prosp.A	Verticale	SLU 1	-67.2786	61.5	-147.6502	134.96	2.1946	Si
5719 Prosp.A	Verticale	SLU 1	-68.0578	57.63	-149.3743	126.49	2.1948	Si
3326 Prosp.A	Verticale	SLU 1	90.8632	89.55	199.5834	196.71	2.1965	Si
5013 Prosp.A	Verticale	SLU 1	62.0512	85.55	136.5264	188.22	2.2002	Si
5424 Prosp.A	Verticale	SLU 1	-70.0099	46.88	-154.2413	103.28	2.2031	Si
6073 Prosp.A	Verticale	SLU 1	68.6987	36.76	151.4908	81.07	2.2051	Si
4994 Prosp.A	Verticale	SLU 1	84.723	-24.86	187.0522	-54.89	2.2078	Si

Verifiche a flessione SLD Resistenza D.M. 17-01-18 §4.1.2.3.4.2

La struttura è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
5867 Prosp.A	Verticale	SLD 13	178.5484	147.02	277.0019	228.09	1.5514	Si
6104 Prosp.A	Verticale	SLD 5	34.1148	39.11	53.41	61.23	1.5656	Si
5551 Prosp.A	Verticale	SLD 15	172.1282	91.4	291.715	154.91	1.6948	Si
6114 Prosp.A	Verticale	SLD 13	-23.2685	59.71	-42.8208	109.89	1.8403	Si
6115 Prosp.A	Verticale	SLD 13	-22.6789	61.18	-42.0458	113.42	1.854	Si
5230 Prosp.A	Verticale	SLD 15	157.3315	77.56	292.6004	144.24	1.8598	Si
6116 Prosp.A	Verticale	SLD 13	-21.9047	62.11	-41.2597	116.99	1.8836	Si
6095 Prosp.A	Verticale	SLD 13	28.3199	30.74	53.9779	58.59	1.906	Si
6113 Prosp.A	Verticale	SLD 13	-22.3595	57.51	-42.7863	110.05	1.9136	Si
4955 Prosp.A	Verticale	SLD 15	143.6374	79.1	278.9615	153.62	1.9421	Si
5677 Prosp.A	Verticale	SLD 13	60.7952	106.43	120.5496	211.04	1.9829	Si
5988 Prosp.A	Verticale	SLD 13	60.5	107.43	119.981	213.06	1.9832	Si
6125 Prosp.A	Verticale	SLD 15	65.7919	74.96	131.4897	149.8	1.9986	Si
6112 Prosp.A	Verticale	SLD 13	-20.5693	57.03	-41.614	115.38	2.0231	Si
6072 Prosp.A	Verticale	SLD 1	68.2345	54.9	139.064	111.89	2.038	Si
5875 Prosp.A	Verticale	SLD 15	125.6431	147.82	261.1608	307.25	2.0786	Si
5254 Prosp.A	Verticale	SLD 13	57.0407	95.43	122.0238	204.16	2.1392	Si
5866 Prosp.A	Verticale	SLD 1	126.6748	83.28	275.8623	181.37	2.1777	Si
4714 Prosp.A	Verticale	SLD 15	130.0733	83.31	286.1413	183.26	2.1998	Si
6123 Prosp.A	Verticale	SLD 13	33.1167	54.97	73.182	121.48	2.2098	Si
5560 Prosp.A	Verticale	SLD 15	125.0214	95.39	280.1267	213.74	2.2406	Si
6111 Prosp.A	Verticale	SLD 13	-17.6429	54.29	-39.947	122.93	2.2642	Si
4993 Prosp.A	Verticale	SLD 13	53.0772	89.18	121.891	204.79	2.2965	Si
5550 Prosp.A	Verticale	SLD 3	122.6298	55.24	295.9459	133.31	2.4133	Si
4718 Prosp.A	Verticale	SLD 13	48.9286	88.77	119.3628	216.56	2.4395	Si
5679 Prosp.A	Verticale	SLD 13	-46.1306	101.05	-112.7761	247.04	2.4447	Si
4449 Prosp.A	Verticale	SLD 15	115.143	83.63	281.8991	204.74	2.4483	Si
5238 Prosp.A	Verticale	SLD 15	115.6868	79.12	283.9787	194.22	2.4547	Si
5993 Prosp.A	Verticale	SLD 13	-44.0038	106.89	-108.8838	264.5	2.4744	Si
4424 Prosp.A	Verticale	SLD 11	67.3758	-4.95	167.0452	-12.27	2.4793	Si
6046 Prosp.A	Verticale	SLD 5	44.5324	41	110.8716	102.08	2.4897	Si
5684 Prosp.A	Verticale	SLD 13	-44.1992	103.81	-110.2125	258.84	2.4935	Si
4423 Prosp.A	Verticale	SLD 15	65.21	3.74	162.665	9.33	2.4945	Si
5999 Prosp.A	Verticale	SLD 13	-42.2256	108.7	-106.6794	274.61	2.5264	Si
5691 Prosp.A	Verticale	SLD 13	-42.8951	105.78	-108.3762	267.26	2.5265	Si
6094 Prosp.A	Verticale	SLD 13	21.3505	22.74	54.1269	57.66	2.5352	Si
5680 Prosp.A	Verticale	SLD 13	42.4934	106.04	107.9289	269.32	2.5399	Si
5985 Prosp.A	Verticale	SLD 13	-42.4174	105.28	-108.0805	268.25	2.548	Si
4701 Prosp.A	Verticale	SLD 15	63.8809	1.99	163.5245	5.1	2.5598	Si
4442 Prosp.A	Verticale	SLD 13	45.0247	90.73	115.7566	233.27	2.571	Si
6005 Prosp.A	Verticale	SLD 13	-40.689	109.61	-104.9188	282.64	2.5786	Si
4702 Prosp.A	Verticale	SLD 11	64.4967	-4.44	166.8954	-11.48	2.5877	Si
4139 Prosp.A	Verticale	SLD 11	64.5648	-4.8	167.0773	-12.42	2.5877	Si
5674 Prosp.A	Verticale	SLD 13	-43.0092	97.64	-111.4703	253.07	2.5918	Si
5992 Prosp.A	Verticale	SLD 13	41.7894	102.05	108.685	265.41	2.6008	Si
4140 Prosp.A	Verticale	SLD 11	64.3309	-5.3	167.3558	-13.8	2.6015	Si
5255 Prosp.A	Verticale	SLD 15	-45.5481	84.06	-118.7862	219.22	2.6079	Si
4971 Prosp.A	Verticale	SLD 15	107.5733	77.94	281.0145	203.6	2.6123	Si
5229 Prosp.A	Verticale	SLD 3	112.9077	46.81	296.7513	123.03	2.6283	Si
6110 Prosp.A	Verticale	SLD 13	-14.15	51.48	-37.1959	135.32	2.6287	Si
6048 Prosp.A	Verticale	SLD 13	-41.5737	41.16	-109.5226	108.42	2.6344	Si
5258 Prosp.A	Verticale	SLD 15	-44.1315	87.11	-116.4844	229.94	2.6395	Si

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
5006 Prosp.A	Verticale	SLD 15	-42.7676	79.33	-113.2879	210.14	2.6489	Si
5367 Prosp.A	Verticale	SLD 15	-43.1853	90.02	-114.5637	238.81	2.6528	Si
5690 Prosp.A	Verticale	SLD 13	-39.5101	106.89	-104.8155	283.56	2.6529	Si
6056 Prosp.A	Verticale	SLD 13	-41.1898	40.96	-109.3247	108.71	2.6542	Si
4173 Prosp.A	Verticale	SLD 13	42.583	90.17	114.002	241.4	2.6772	Si
5336 Prosp.A	Verticale	SLD 13	40.4316	99.56	108.4365	267.03	2.682	Si
6002 Prosp.A	Verticale	SLD 13	-37.3191	109.61	-101.5214	298.17	2.7204	Si
5370 Prosp.A	Verticale	SLD 15	-40.2023	92.52	-110.9704	255.38	2.7603	Si
5986 Prosp.A	Verticale	SLD 13	-38.1309	101.38	-105.4409	280.33	2.7652	Si
5244 Prosp.A	Verticale	SLD 15	-42.3415	80.95	-117.5834	224.81	2.777	Si
6124 Prosp.A	Verticale	SLD 13	45.5531	61.66	127.0147	171.92	2.7883	Si
4998 Prosp.A	Verticale	SLD 15	-43.2017	75.67	-120.5341	211.12	2.79	Si
4982 Prosp.A	Verticale	SLD 15	-43.9336	72.18	-122.6038	201.42	2.7907	Si
5578 Prosp.A	Verticale	SLD 13	-38.9722	94.92	-108.8463	265.12	2.7929	Si
6055 Prosp.A	Verticale	SLD 13	-38.6859	39.95	-108.6815	112.24	2.8093	Si
4954 Prosp.A	Verticale	SLD 15	101.9019	64.41	286.5622	181.13	2.8121	Si
4999 Prosp.A	Verticale	SLD 13	38.4371	93.63	108.8463	265.13	2.8318	Si
5995 Prosp.A	Verticale	SLD 1	87.7201	74.57	248.59	211.31	2.8339	Si
5012 Prosp.A	Verticale	SLD 15	-40.4041	83.04	-115.0636	236.5	2.8478	Si
4185 Prosp.A	Verticale	SLD 15	97.984	76.37	279.3307	217.71	2.8508	Si
5979 Prosp.A	Verticale	SLD 13	83.9212	122.84	239.7299	350.91	2.8566	Si
5697 Prosp.A	Verticale	SLD 5	47.8723	46.9	136.8799	134.1	2.8593	Si
4713 Prosp.A	Verticale	SLD 15	98.3652	69.54	282.8498	199.97	2.8755	Si
6122 Prosp.A	Verticale	SLD 13	22.8521	54.29	65.7545	156.23	2.8774	Si
5688 Prosp.A	Verticale	SLD 13	-33.7392	107.18	-98.413	312.63	2.9169	Si
5372 Prosp.A	Verticale	SLD 5	45.8289	50.92	133.8097	148.68	2.9198	Si
4725 Prosp.A	Verticale	SLD 15	-42.077	68.08	-123.0923	199.17	2.9254	Si
3551 Prosp.A	Verticale	SLD 11	56.4212	-2.12	165.829	-6.23	2.9391	Si
5013 Prosp.A	Verticale	SLD 9	43.5032	59.45	128.2021	175.19	2.947	Si
4454 Prosp.A	Verticale	SLD 9	40.7161	71.61	120.3956	121.75	2.957	Si
6073 Prosp.A	Verticale	SLD 1	47.6091	34.79	140.8426	102.92	2.9583	Si
4729 Prosp.A	Verticale	SLD 15	-40.4706	72.58	-119.7441	214.76	2.9588	Si
4715 Prosp.A	Verticale	SLD 15	-42.3815	63.62	-125.4155	188.27	2.9592	Si
4723 Prosp.A	Verticale	SLD 13	36.4594	90.27	108.229	267.98	2.9685	Si
4716 Prosp.A	Verticale	SLD 15	92.8318	79.66	275.6072	236.49	2.9689	Si
4733 Prosp.A	Verticale	SLD 9	41.6689	66.07	123.7259	196.19	2.9693	Si
6117 Prosp.A	Verticale	SLD 13	-20.0764	62.08	-59.6295	184.38	2.9701	Si
6109 Prosp.A	Verticale	SLD 13	-11.8284	48.53	-35.1796	144.34	2.9742	Si
4994 Prosp.A	Verticale	SLD 15	54.7759	2.68	162.9476	7.97	2.9748	Si
4448 Prosp.A	Verticale	SLD 15	93.082	76.44	277.3377	227.75	2.9795	Si
4953 Prosp.A	Verticale	SLD 15	-40.5696	68.82	-121.5793	206.23	2.9968	Si
5368 Prosp.A	Verticale	SLD 13	-34.2052	98.05	-102.5358	293.92	2.9977	Si
5242 Prosp.A	Verticale	SLD 15	-38.3985	78.72	-115.1581	236.07	2.999	Si
5722 Prosp.A	Verticale	SLD 13	-45.7692	43.63	-137.5212	131.08	3.0047	Si
5996 Prosp.A	Verticale	SLD 13	-31.6612	108.45	-95.2942	326.4	3.0098	Si
5723 Prosp.A	Verticale	SLD 13	-45.3583	44.73	-136.6247	134.73	3.0121	Si
5724 Prosp.A	Verticale	SLD 13	-45.7065	43.28	-137.6786	130.38	3.0122	Si
3552 Prosp.A	Verticale	SLD 11	55.8483	-6.76	168.7003	-20.42	3.0207	Si

Verifiche a taglio SLU D.M. 17-01-18 §4.1.2.3.5

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
6046 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	116.39	-0.28	-37.8348	178.7	1113.76	0	178.7	2.5	0.0010053	1.5354	Si
5744 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	111.97	-27.3	-71.6957	182.24	1117.41	0	182.24	2.5	0.0010053	1.6276	Si
5743 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	109.16	-18.5	-55.7258	181.08	1116.22	0	181.08	2.5	0.0010053	1.6589	Si
5867 Prosp.A	Verticale	0.452	0.962	Non necessaria	0	SLV 13	118.5	233.06	246.8683	206.48	1110.18	97.37	206.48	2.5	0.0020106	1.7424	Si
5769 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	96.73	-28.12	-38.8929	182.34	1117.52	0	182.34	2.5	0.0010053	1.885	Si
6024 Prosp.A	Orizzontale	0.434	1	Non necessaria	0	SLU 10	95.88	-24.26	-32.1322	181.19	1111.3	0	181.19	2.5	0.0012064	1.8898	Si
4419 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 1	-95.92	-3.72	60.0287	183.73	1155.11	101.27	183.73	2.5	0.0010053	1.9155	Si
4423 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 1	96.37	-15.4	101.2716	185.31	1156.75	101.27	185.31	2.5	0.0010053	1.9228	Si
4424 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 1	-95.62	-8.1	102.6496	184.32	1155.72	101.27	184.32	2.5	0.0010053	1.9276	Si
5875 Prosp.A	Verticale	0.452	0.955	Non necessaria	0	SLV 13	106.56	246.72	172.818	205.49	1102.23	96.68	205.49	2.5	0.0020106	1.9285	Si
6057 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	92.5	-1.53	-27.0337	178.86	1113.92	0	178.86	2.5	0.0010053	1.9337	Si
4139 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 1	93.71	-8.61	97.8371	184.39	1155.8	101.27	184.39	2.5	0.0010053	1.9678	Si
4702 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 2	-93.77	-9.83	99.4208	184.55	1155.97	101.27	184.55	2.5	0.0010053	1.9681	Si
4144 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 1	93.42	-7.05	66.6951	184.18	1155.58	101.27	184.18	2.5	0.0010053	1.9715	Si
4701 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 2	94.33	-23.6	98.1468	186.42	1157.9	101.27	186.42	2.5	0.0010053	1.9764	Si
4140 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 1	-91.65	-7.92	98.6271	184.29	1155.7	101.27	184.29	2.5	0.0010053	2.0108	Si
6104 Prosp.A	Verticale	0.452	0.5	Non necessaria	0	SLU 1	-45.32	64.14	42.8865	91.61	577.29	50.63	91.61	2.5	0.0004021	2.0216	Si
5551 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLV 15	102.46	129.94	237.7807	211.95	1154.59	101.27	211.95	2.5	0.0020106	2.0685	Si
5770 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	83.94	-11.68	-42.514	180.19	1115.3	0	180.19	2.5	0.0010053	2.1467	Si
6072 Prosp.A	Verticale	0.452	0.5	Non necessaria	0	SLU 3	-49.06	57.97	92.1175	105.97	577.29	50.63	105.97	2.5	0.0010053	2.1601	Si
4427 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 1	85.25	-9.32	67.9604	184.49	1155.9	101.27	184.49	2.5	0.0010053	2.1642	Si
5866 Prosp.A	Verticale	0.452	0.962	Non necessaria	0	SLU 3	-94.15	100.05	173.2009	204.19	1110.18	97.37	204.19	2.5	0.0019444	2.1688	Si
5560 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLV 15	97.26	142.44	175.0979	211.95	1154.59	101.27	211.95	2.5	0.0020106	2.1791	Si
5550 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 3	-95.04	86.27	171.3889	211.95	1154.59	101.27	211.95	2.5	0.0020106	2.2301	Si
6125 Prosp.A	Verticale	0.452	0.5	Non necessaria	0	SLV 15	47.48	129.86	92.1875	105.97	577.29	50.63	105.97	2.5	0.0010053	2.232	Si

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
4451 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 4	-94.19	105.15	99.1713	211.95	1154.59	101.27	211.95	2.5	0.0020106	2.2503	Si
3551 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 1	81.66	-4.31	87.0592	183.81	1155.19	101.27	183.81	2.5	0.0010053	2.2509	Si
5664 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 3	-94.09	82.87	126.0395	211.95	1154.59	101.27	211.95	2.5	0.0020106	2.2525	Si
4448 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 4	-93.86	104.42	135.798	211.95	1154.59	101.27	211.95	2.5	0.0020106	2.2582	Si
4721 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 3	-93.15	95.19	106.2729	211.95	1154.59	101.27	211.95	2.5	0.0020106	2.2753	Si
4713 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 3	-93.08	95.31	144.3252	211.95	1154.59	101.27	211.95	2.5	0.0020106	2.2771	Si
4705 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 1	81.12	-13.44	64.6057	185.04	1156.47	101.27	185.04	2.5	0.0010053	2.281	Si
4449 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 4	92.91	104.87	135.0729	211.95	1154.59	101.27	211.95	2.5	0.0020106	2.2813	Si
4714 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 3	91.97	95.83	143.4927	211.95	1154.59	101.27	211.95	2.5	0.0020106	2.3046	Si
5229 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 3	-91.1	80.32	161.6524	211.68	1154.59	101.27	211.68	2.5	0.0020029	2.3237	Si
4955 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 3	89.79	86.87	151.7407	208.98	1154.59	101.27	208.98	2.5	0.0019274	2.3274	Si
4954 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 3	-91.05	86.3	152.6584	211.95	1154.59	101.27	211.95	2.5	0.0020106	2.3277	Si
4183 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 1	-90.72	111.18	91.1725	211.95	1154.59	101.27	211.95	2.5	0.0020106	2.3362	Si
4180 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 1	90.34	111.08	89.8262	211.27	1154.59	101.27	211.27	2.5	0.0019915	2.3385	Si
4447 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 4	90.53	101.39	94.6837	211.95	1154.59	101.27	211.95	2.5	0.0020106	2.3411	Si
4184 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 1	-90.38	109.23	124.765	211.95	1154.59	101.27	211.95	2.5	0.0020106	2.345	Si
4134 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 1	-78.1	-2.02	60.6726	183.49	1154.87	101.27	183.49	2.5	0.0010041	2.3495	Si
4700 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 4	-77.86	-0.18	55.1736	183.25	1154.61	101.27	183.25	2.5	0.0010053	2.3535	Si
4994 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 3	79.52	-31.14	85.0892	187.44	1158.96	101.27	187.44	2.5	0.0010053	2.3571	Si
5230 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 3	89.66	80.83	160.6268	211.68	1154.59	101.27	211.68	2.5	0.0020029	2.3609	Si
3547 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 1	-78.08	-8.72	55.9745	184.4	1155.81	101.27	184.4	2.5	0.0010053	2.3618	Si
5995 Prosp.A	Verticale	0.452	0.937	Non necessaria	0	SLU 3	-82.87	84.42	125.1099	195.88	1081.29	94.84	195.88	2.5	0.0018096	2.3636	Si
3552 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 1	-77.91	-9.46	86.9225	184.5	1155.91	101.27	184.5	2.5	0.0010053	2.3683	Si
4185 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 1	89.48	109.64	124.2374	211.95	1154.59	101.27	211.95	2.5	0.0020106	2.3686	Si
4971 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 3	89.26	85.1	111.2393	211.7	1154.59	101.27	211.7	2.5	0.0020035	2.3717	Si
4716 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 3	89.09	91.6	101.2472	211.95	1154.59	101.27	211.95	2.5	0.0020106	2.379	Si
4991 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 3	-87.78	81.98	109.5818	211.95	1154.59	101.27	211.95	2.5	0.0020106	2.4147	Si
4428 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 1	74.58	-5.27	41.8311	183.94	1155.33	101.27	183.94	2.5	0.0010053	2.4664	Si
5250 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 3	-85.88	78.1	121.7795	211.95	1154.59	101.27	211.95	2.5	0.0020106	2.468	Si
6025 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 3	71.88	3.42	-45.1534	178.66	1113.72	0	178.66	2.5	0.0010053	2.4855	Si
4996 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 3	-73.53	-1.86	49.6116	183.47	1154.85	101.27	183.47	2.5	0.0010053	2.4953	Si
5238 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 3	84.71	78.57	119.3232	211.95	1154.59	101.27	211.95	2.5	0.0020106	2.5021	Si
4995 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 3	-73.72	-10.42	84.3309	184.63	1156.05	101.27	184.63	2.5	0.0010053	2.5044	Si
3601 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 1	-80.6	105.61	109.895	204.63	1154.59	101.27	204.63	2.5	0.0018096	2.5389	Si
6073 Prosp.A	Verticale	0.452	0.5	Non necessaria	0	SLU 3	-41.42	36.56	68.6599	105.97	577.29	50.63	105.97	2.5	0.0010053	2.5588	Si
5979 Prosp.A	Verticale	0.452	0.946	Non necessaria	0	SLV 15	78.26	207.43	120.4257	201.59	1092.76	95.85	201.59	2.5	0.0019312	2.5758	Si
3598 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 1	80.53	108.51	80.7485	211.95	1154.59	101.27	211.95	2.5	0.0020106	2.6319	Si
6095 Prosp.A	Verticale	0.452	0.5	Non necessaria	0	SLU 1	34.75	27.91	34.5848	91.61	577.29	50.63	91.61	2.5	0.0004021	2.6365	Si
3556 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 1	69.35	-4.68	62.6104	183.86	1155.24	101.27	183.86	2.5	0.0010053	2.6509	Si
6025 Prosp.A	Verticale	0.452	0.903	Non necessaria	0	SLU 1	-62.2	93.52	60.5858	165.49	1042.83	91.47	165.49	2.5	0.0010053	2.6607	Si
3602 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 1	79.65	105.89	109.4365	211.95	1154.59	101.27	211.95	2.5	0.0020106	2.661	Si
5574 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLV 15	79.52	165.56	121.1752	211.95	1154.59	101.27	211.95	2.5	0.0020106	2.6653	Si
4728 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 3	-76.64	92.45	78.4185	204.6	1154.59	101.27	204.6	2.5	0.0018086	2.6697	Si
5689 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 3	-75.66	73.51	95.8848	203.16	1154.59	101.27	203.16	2.5	0.0017706	2.6851	Si
6013 Prosp.A	Verticale	0.452	0.92	Non necessaria	0	SLU 3	-69.19	62.76	92.4373	185.97	1062.54	93.19	185.97	2.5	0.0016037	2.6878	Si
4992 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 2	68.71	-17.53	57.6286	185.6	1157.05	101.27	185.6	2.5	0.0010053	2.701	Si
5343 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 3	-75.15	77.05	91.2512	203.57	1154.59	101.27	203.57	2.5	0.0017814	2.7087	Si
4452 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 4	-75.49	107.34	75.7908	204.75	1154.59	101.27	204.75	2.5	0.0018127	2.7122	Si
4717 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 3	76.79	96.62	77.9953	211.95	1154.59	101.27	211.95	2.5	0.0020106	2.7603	Si
5004 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 3	-73.5	84.19	86.8633	204.2	1154.59	101.27	204.2	2.5	0.001798	2.7782	Si
5988 Prosp.A	Verticale	0.452	0.942	Non necessaria	0	SLV 15	61.5	183.37	79.6732	172.6	1087.68	95.4	172.6	2.5	0.0010053	2.8064	Si

Vano di equalizzazione e sedimentazione meccanica

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
5677 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLV 15	64.12	170.18	80.3947	183.22	1154.59	101.27	183.22	2.5	0.0010053	2.8574	Si
5697 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 3	-64.11	67.16	67.8504	183.22	1154.59	101.27	183.22	2.5	0.0010053	2.8581	Si
6124 Prosp.A	Verticale	0.452	0.5	Non necessaria	0	SLV 15	36.95	108.72	63.2571	105.97	577.29	50.63	105.97	2.5	0.0010053	2.8679	Si
4733 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 3	-63.7	93.52	56.7541	183.22	1154.59	101.27	183.22	2.5	0.0010053	2.8765	Si
6022 Prosp.A	Verticale	0.452	0.91	Non necessaria	0	SLU 3	-57.93	49.07	64.9421	166.74	1050.76	92.16	166.74	2.5	0.0010053	2.8782	Si
5245 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 3	73.63	78.85	88.2625	211.95	1154.59	101.27	211.95	2.5	0.0020106	2.8785	Si
4692 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 3	-63.65	5.33	25.4427	183.22	1154.59	101.27	183.22	2.5	0.0010053	2.8787	Si
6074 Prosp.A	Verticale	0.452	0.5	Non necessaria	0	SLU 3	-35.16	26.65	51.4381	101.57	577.29	50.63	101.57	2.5	0.0008851	2.8886	Si
5372 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 3	-63.41	76.12	64.7177	183.22	1154.59	101.27	183.22	2.5	0.0010053	2.8893	Si
4422 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 3	66.79	-73.3	35.7994	193.16	1164.87	101.27	193.16	2.5	0.0010053	2.8919	Si
4147 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 1	62.88	-1.52	45.186	183.43	1154.8	101.27	183.43	2.5	0.0010053	2.9172	Si
3600 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 1	-70.11	112.47	84.5282	204.63	1154.59	101.27	204.63	2.5	0.0018096	2.9187	Si
4444 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 4	72.47	105.12	71.7823	211.95	1154.59	101.27	211.95	2.5	0.0020106	2.9248	Si
4985 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 3	72.12	86.08	84.0282	211.95	1154.59	101.27	211.95	2.5	0.0020106	2.9387	Si
4708 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 1	62.52	-4.94	37.0423	183.89	1155.28	101.27	183.89	2.5	0.0010053	2.9413	Si
4182 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 1	-69.52	115.33	71.3578	204.76	1154.59	101.27	204.76	2.5	0.0018129	2.9453	Si
5254 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 3	61.87	78.95	61.1669	183.22	1154.59	101.27	183.22	2.5	0.0010053	2.9614	Si
5013 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 3	-61.74	85.03	61.9488	183.22	1154.59	101.27	183.22	2.5	0.0010053	2.9678	Si
3326 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 1	-63.22	89.55	90.8632	188.19	1154.59	101.27	188.19	2.5	0.0014074	2.9768	Si
3321 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 1	-63.02	94.2	70.9195	188.19	1154.59	101.27	188.19	2.5	0.0014074	2.986	Si
5744 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 10	-61.95	-13.53	4.1692	185.06	1156.49	101.27	185.06	2.5	0.0010053	2.9874	Si
3558 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 4	61.38	-4.25	45.2208	183.8	1155.18	101.27	183.8	2.5	0.0010053	2.9942	Si
4135 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 1	-64.28	-70.09	32.3142	192.73	1164.42	101.27	192.73	2.5	0.0010053	2.998	Si
4454 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 4	-60.78	106.74	55.9134	183.22	1154.59	101.27	183.22	2.5	0.0010053	3.0145	Si

Verifiche a taglio SLD Resistenza D.M. 17-01-18 §4.1.2.3.5

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
5743 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 11	86.38	-17.14	-45.5489	180.91	1116.04	0	180.91	2.5	0.0010053	2.0943	Si
5744 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 11	84.86	-23.83	-55.1001	181.78	1116.94	0	181.78	2.5	0.0010053	2.1421	Si
6046 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 7	80.89	-2.11	-27.4289	178.94	1114	0	178.94	2.5	0.0010053	2.212	Si
5867 Prosp.A	Verticale	0.452	0.962	Non necessaria	0	SLD 13	89.45	147.02	178.5484	206.48	1110.18	97.37	206.48	2.5	0.0020106	2.3082	Si
5769 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 11	75.97	-24.2	-31.0006	181.83	1116.99	0	181.83	2.5	0.0010053	2.3933	Si
5875 Prosp.A	Verticale	0.452	0.955	Non necessaria	0	SLD 13	80.59	148.49	124.6388	205.49	1102.23	96.68	205.49	2.5	0.0020106	2.5497	Si
6024 Prosp.A	Orizzontale	0.434	1	Non necessaria	0	SLD 11	70.55	-20.56	-24.4306	180.7	1110.8	0	180.7	2.5	0.0012064	2.5612	Si
5551 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 13	80.97	91.99	171.4179	211.95	1154.59	101.27	211.95	2.5	0.0020106	2.6176	Si
5770 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 11	67.05	-12.22	-33.5887	180.26	1115.37	0	180.26	2.5	0.0010053	2.6885	Si
6057 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 11	65.26	-3.15	-20.3652	179.08	1114.14	0	179.08	2.5	0.0010053	2.7442	Si
5560 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 13	76.71	96	123.8287	211.95	1154.59	101.27	211.95	2.5	0.0020106	2.7628	Si
4423 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 11	66.73	-9.43	67.5563	184.5	1155.91	101.27	184.5	2.5	0.0010053	2.765	Si
4419 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 11	-65.94	-1.74	38.0102	183.46	1154.83	101.27	183.46	2.5	0.0010053	2.7821	Si
6072 Prosp.A	Verticale	0.452	0.5	Non necessaria	0	SLD 1	-38.04	54.9	68.2345	105.97	577.29	50.63	105.97	2.5	0.0010053	2.7857	Si
4701 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 11	66.29	-13.72	65.3024	185.08	1156.51	101.27	185.08	2.5	0.0010053	2.7918	Si
4424 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 11	-65.72	-4.95	67.3758	183.89	1155.28	101.27	183.89	2.5	0.0010053	2.7981	Si
4702 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 11	-65.14	-4.44	64.4967	183.82	1155.21	101.27	183.82	2.5	0.0010053	2.8222	Si
6104 Prosp.A	Verticale	0.452	0.5	Non necessaria	0	SLD 1	-31.98	25.71	31.3029	91.61	577.29	50.63	91.61	2.5	0.0004021	2.8643	Si
6125 Prosp.A	Verticale	0.452	0.5	Non necessaria	0	SLD 13	36.78	75.33	65.2839	105.97	577.29	50.63	105.97	2.5	0.0010053	2.8812	Si
5866 Prosp.A	Verticale	0.452	0.962	Non necessaria	0	SLD 1	-70.02	83.28	126.6748	204.19	1110.18	97.37	204.19	2.5	0.0019444	2.916	Si
4139 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 11	62.78	-4.8	64.5648	183.87	1155.26	101.27	183.87	2.5	0.0010053	2.929	Si
4144 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 11	62.5	-3.99	43.7877	183.76	1155.15	101.27	183.76	2.5	0.0010053	2.9403	Si
5230 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 15	71.63	77.56	157.3315	211.68	1154.59	101.27	211.68	2.5	0.0020029	2.9553	Si
4140 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 11	-61.12	-5.3	64.3309	183.94	1155.33	101.27	183.94	2.5	0.0010053	3.0096	Si
5238 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 15	68.36	79.12	115.6868	211.95	1154.59	101.27	211.95	2.5	0.0020106	3.1005	Si

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRD	cotg(θ)	Asl	c.s.	Verifica
4955 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 15	67.15	79.1	143.6374	208.98	1154.59	101.27	208.98	2.5	0.0019274	3.112	Si
4427 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 11	58.3	-5.2	44.2819	183.93	1155.32	101.27	183.93	2.5	0.0010053	3.1546	Si
4971 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 15	66.86	77.94	107.5733	211.7	1154.59	101.27	211.7	2.5	0.0020035	3.1662	Si
5995 Prosp.A	Verticale	0.452	0.937	Non necessaria	0	SLD 1	-60.99	74.57	87.7201	195.88	1081.29	94.84	195.88	2.5	0.0018096	3.2118	Si
5550 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 1	-65.83	55.86	122.024	211.95	1154.59	101.27	211.95	2.5	0.0020106	3.2197	Si
6025 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 11	55.06	0.91	-32.3307	178.66	1113.72	0	178.66	2.5	0.0010053	3.245	Si
5664 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 1	-65.01	54.35	89.2285	211.95	1154.59	101.27	211.95	2.5	0.0020106	3.2604	Si
4451 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 11	-64.99	71.36	66.2285	211.95	1154.59	101.27	211.95	2.5	0.0020106	3.261	Si
4714 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 15	64.88	83.31	130.0733	211.95	1154.59	101.27	211.95	2.5	0.0020106	3.2667	Si
4448 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 11	-64.77	71.15	91.694	211.95	1154.59	101.27	211.95	2.5	0.0020106	3.2721	Si
4721 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 11	-64.46	64.98	70.4518	211.95	1154.59	101.27	211.95	2.5	0.0020106	3.2881	Si
4705 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 11	56.03	-7.94	41.5564	184.3	1155.7	101.27	184.3	2.5	0.0010053	3.289	Si
4713 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 11	-64.39	65.22	97.014	211.95	1154.59	101.27	211.95	2.5	0.0020106	3.2914	Si
5979 Prosp.A	Verticale	0.452	0.946	Non necessaria	0	SLD 13	61.23	122.84	83.9212	201.59	1092.76	95.85	201.59	2.5	0.0019312	3.2921	Si
4449 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 11	63.88	73.45	96.8248	211.95	1154.59	101.27	211.95	2.5	0.0020106	3.3179	Si
4716 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 15	62.91	79.66	92.8318	211.95	1154.59	101.27	211.95	2.5	0.0020106	3.3689	Si
5574 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 15	62.87	104.54	84.6978	211.95	1154.59	101.27	211.95	2.5	0.0020106	3.371	Si
4447 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 11	62.33	70.86	64.0576	211.95	1154.59	101.27	211.95	2.5	0.0020106	3.4005	Si
4994 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 11	54.39	-15.28	54.9131	185.29	1156.73	101.27	185.29	2.5	0.0010053	3.4069	Si
4954 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 11	-62.2	59.43	101.7046	211.95	1154.59	101.27	211.95	2.5	0.0020106	3.4076	Si
4183 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 11	-61.67	75.13	61.2193	211.95	1154.59	101.27	211.95	2.5	0.0020106	3.4367	Si
4700 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 11	-53.21	3.23	33.9986	183.22	1154.59	101.27	183.22	2.5	0.0010053	3.4431	Si
4184 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 11	-61.44	74.12	84.2588	211.95	1154.59	101.27	211.95	2.5	0.0020106	3.4497	Si
5229 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 7	-60.88	51.01	110.1635	211.68	1154.59	101.27	211.68	2.5	0.0020029	3.4769	Si
4180 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 7	60.62	69.24	59.3976	211.27	1154.59	101.27	211.27	2.5	0.0019915	3.4851	Si
3551 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 11	52.38	-2.12	56.4212	183.51	1154.88	101.27	183.51	2.5	0.0010053	3.5035	Si
5988 Prosp.A	Verticale	0.452	0.942	Non necessaria	0	SLD 15	48.98	105.56	59.6926	172.6	1087.68	95.4	172.6	2.5	0.0010053	3.5239	Si
4185 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 7	60.01	68.62	83.1938	211.95	1154.59	101.27	211.95	2.5	0.0020106	3.532	Si
4991 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 11	-59.95	56.34	72.0185	211.95	1154.59	101.27	211.95	2.5	0.0020106	3.5354	Si
4134 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 11	-51.6	-0.99	39.2325	183.36	1154.73	101.27	183.36	2.5	0.0010041	3.5536	Si
5677 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 15	51.46	105.02	59.7993	183.22	1154.59	101.27	183.22	2.5	0.0010053	3.5603	Si
5245 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 15	59.36	86.67	78.6664	211.95	1154.59	101.27	211.95	2.5	0.0020106	3.5707	Si
6073 Prosp.A	Verticale	0.452	0.5	Non necessaria	0	SLD 1	-29.35	34.79	47.6091	105.97	577.29	50.63	105.97	2.5	0.0010053	3.6104	Si
4428 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 11	50.68	-3.3	26.1046	183.67	1155.05	101.27	183.67	2.5	0.0010053	3.6241	Si
6124 Prosp.A	Verticale	0.452	0.5	Non necessaria	0	SLD 15	29.13	61.11	45.1513	105.97	577.29	50.63	105.97	2.5	0.0010053	3.6374	Si
3547 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 11	-49.91	-6.14	36.3067	184.05	1155.45	101.27	184.05	2.5	0.0010053	3.6878	Si
4995 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 11	-49.6	-0.85	52.5781	183.34	1154.71	101.27	183.34	2.5	0.0010053	3.6965	Si
3552 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 11	-49.75	-6.76	55.8483	184.14	1155.54	101.27	184.14	2.5	0.0010053	3.701	Si
5254 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 15	49.48	94.23	55.942	183.22	1154.59	101.27	183.22	2.5	0.0010053	3.703	Si
4996 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 11	-49.47	5.19	29.8164	183.22	1154.59	101.27	183.22	2.5	0.0010053	3.7038	Si
5250 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 7	-57.1	49.05	81.377	211.95	1154.59	101.27	211.95	2.5	0.0020106	3.7116	Si
5744 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 15	-48.97	20.47	-1.1661	183.22	1154.59	101.27	183.22	2.5	0.0010053	3.7418	Si
6025 Prosp.A	Verticale	0.452	0.903	Non necessaria	0	SLD 1	-43.86	22.31	44.4954	165.49	1042.83	91.47	165.49	2.5	0.0010053	3.7731	Si
3601 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 11	-53.46	70.33	73.7642	204.63	1154.59	101.27	204.63	2.5	0.0018096	3.8277	Si
4717 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 15	55.25	84.69	61.3189	211.95	1154.59	101.27	211.95	2.5	0.0020106	3.8358	Si
4985 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 15	55.21	82.3	71.5294	211.95	1154.59	101.27	211.95	2.5	0.0020106	3.8392	Si
5807 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 11	46.34	-11.08	-30.9189	180.11	1115.22	0	180.11	2.5	0.0010053	3.8867	Si
6123 Prosp.A	Verticale	0.452	0.5	Non necessaria	0	SLD 15	23.56	53.95	32.7358	91.61	577.29	50.63	91.61	2.5	0.0006032	3.8886	Si
6013 Prosp.A	Verticale	0.452	0.92	Non necessaria	0	SLD 1	-47.74	53.11	63.8123	185.97	1062.54	93.19	185.97	2.5	0.0016037	3.8954	Si
4728 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 11	-51.93	62.35	51.3541	204.6	1154.59	101.27	204.6	2.5	0.0018086	3.9398	Si
4993 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 15	46.41	88.15	51.9857	183.22	1154.59	101.27	183.22	2.5	0.0010053	3.9477	Si

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
4992 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 11	46.67	-8.47	36.5081	184.37	1155.78	101.27	184.37	2.5	0.0010053	3.9503	Si
5689 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 3	-51.32	50.07	64.6764	203.16	1154.59	101.27	203.16	2.5	0.0017706	3.9584	Si
3598 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 7	53.44	68.01	54.3067	211.95	1154.59	101.27	211.95	2.5	0.0020106	3.9662	Si
6095 Prosp.A	Verticale	0.452	0.5	Non necessaria	0	SLD 13	23.05	28.36	22.5088	91.61	577.29	50.63	91.61	2.5	0.0004021	3.9751	Si
4452 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 11	-51.22	70.9	50.1754	204.75	1154.59	101.27	204.75	2.5	0.0018127	3.9972	Si
3602 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 7	52.77	66.58	73.9696	211.95	1154.59	101.27	211.95	2.5	0.0020106	4.0163	Si
4422 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 7	47.02	-54.74	23.7153	190.64	1162.27	101.27	190.64	2.5	0.0010053	4.0549	Si
5343 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 7	-49.79	47.84	59.2083	203.57	1154.59	101.27	203.57	2.5	0.0017814	4.0884	Si
3556 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 11	44.32	-2.78	40.9519	183.6	1154.98	101.27	183.6	2.5	0.0010053	4.1429	Si
6003 Prosp.A	Orizzontale	0.435	1	Non necessaria	0	SLD 11	43.46	-16.8	-18.1122	180.68	1114.36	0	180.68	2.5	0.0010053	4.1572	Si
5004 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 11	-49.05	56.62	56.3583	204.2	1154.59	101.27	204.2	2.5	0.001798	4.1631	Si
6074 Prosp.A	Verticale	0.452	0.5	Non necessaria	0	SLD 3	-23.87	23.05	35.2464	101.57	577.29	50.63	101.57	2.5	0.0008851	4.2548	Si
5807 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 11	43.27	-11.05	1.8462	184.72	1156.14	101.27	184.72	2.5	0.0010053	4.2685	Si
4444 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 11	49.51	73.82	48.6387	211.95	1154.59	101.27	211.95	2.5	0.0020106	4.281	Si
6022 Prosp.A	Verticale	0.452	0.91	Non necessaria	0	SLD 3	-38.89	37.49	44.9377	166.74	1050.76	92.16	166.74	2.5	0.0010053	4.288	Si
5697 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 3	-42.73	45.13	46.6663	183.22	1154.59	101.27	183.22	2.5	0.0010053	4.2883	Si
4733 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 11	-42.69	62.23	36.8007	183.22	1154.59	101.27	183.22	2.5	0.0010053	4.2916	Si
4692 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 11	-42.6	8.92	14.3307	183.22	1154.59	101.27	183.22	2.5	0.0010053	4.3007	Si
4718 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 15	42.58	87.87	47.969	183.22	1154.59	101.27	183.22	2.5	0.0010053	4.3026	Si
4182 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 11	-46.95	75.42	47.7217	204.76	1154.59	101.27	204.76	2.5	0.0018129	4.3608	Si
5992 Prosp.A	Verticale	0.452	0.94	Non necessaria	0	SLD 15	39.46	99.22	40.9353	172.19	1085.06	95.17	172.19	2.5	0.0010053	4.3632	Si
5372 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 7	-41.98	46.89	42.1253	183.22	1154.59	101.27	183.22	2.5	0.0010053	4.3641	Si
4708 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 11	42.06	-3.21	22.8175	183.66	1155.04	101.27	183.66	2.5	0.0010053	4.3669	Si
5680 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 15	41.75	103.38	41.435	183.22	1154.59	101.27	183.22	2.5	0.0010053	4.389	Si

Verifiche SLE tensione calcestruzzo D.M. 17-01-18 §4.1.2.2.5.1

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	oc	oc limite	Es/Ec	c.s.	Verifica
6072 Prosp.A	Verticale	SLE QP 2	63.0953	39.9	No	-2307	13073	15	5.6657	Si
5866 Prosp.A	Verticale	SLE QP 2	118.5884	68.56	No	-2264	13073	15	5.7729	Si
5867 Prosp.A	Verticale	SLE QP 2	117.7042	68.03	No	-2233	13073	15	5.8552	Si
5550 Prosp.A	Verticale	SLE QP 2	117.2504	58.72	No	-2171	13073	15	6.0203	Si
5551 Prosp.A	Verticale	SLE QP 2	116.4823	58.77	No	-2156	13073	15	6.0622	Si
5229 Prosp.A	Verticale	SLE QP 2	110.4841	54.61	No	-2049	13073	15	6.3802	Si
5230 Prosp.A	Verticale	SLE QP 2	109.7908	54.97	No	-2035	13073	15	6.4245	Si
4955 Prosp.A	Verticale	SLE QP 2	103.6209	59.07	No	-1922	13073	15	6.8024	Si
4954 Prosp.A	Verticale	SLE QP 2	104.241	58.67	No	-1919	13073	15	6.8124	Si
4713 Prosp.A	Verticale	SLE QP 2	98.3315	64.85	No	-1793	13073	15	7.2901	Si
4714 Prosp.A	Verticale	SLE QP 2	97.7722	65.21	No	-1782	13073	15	7.3372	Si
6073 Prosp.A	Verticale	SLE QP 1	47.003	24.74	No	-1737	13073	15	7.5274	Si
6072 Prosp.A	Verticale	SLE RA 3	63.1179	39.94	No	-2308	17430	15	7.5518	Si
6125 Prosp.A	Verticale	SLE QP 2	46.021	24.16	No	-1701	13073	15	7.6871	Si
5866 Prosp.A	Verticale	SLE RA 3	118.6326	68.58	No	-2265	17430	15	7.6943	Si
5995 Prosp.A	Verticale	SLE QP 2	85.7138	57.67	No	-1680	13073	15	7.7825	Si
5867 Prosp.A	Verticale	SLE RA 3	117.7541	68.04	No	-2234	17430	15	7.8035	Si
4448 Prosp.A	Verticale	SLE QP 1	92.1655	71.15	No	-1662	13073	15	7.8644	Si
4449 Prosp.A	Verticale	SLE QP 1	91.7678	71.47	No	-1654	13073	15	7.9038	Si
5550 Prosp.A	Verticale	SLE RA 3	117.2951	58.67	No	-2172	17430	15	8.0236	Si
5551 Prosp.A	Verticale	SLE RA 3	116.5319	58.72	No	-2157	17430	15	8.079	Si
5664 Prosp.A	Verticale	SLE QP 2	87.852	55.04	No	-1607	13073	15	8.1335	Si
5875 Prosp.A	Verticale	SLE QP 2	85.1107	58.31	No	-1607	13073	15	8.1361	Si
5560 Prosp.A	Verticale	SLE QP 2	85.5763	54.85	No	-1563	13073	15	8.3615	Si
5250 Prosp.A	Verticale	SLE QP 1	84.8225	51.88	No	-1554	13073	15	8.4118	Si
5229 Prosp.A	Verticale	SLE RA 3	110.5239	54.57	No	-2050	17430	15	8.5035	Si
5230 Prosp.A	Verticale	SLE RA 3	109.8344	54.93	No	-2036	17430	15	8.5621	Si
4184 Prosp.A	Verticale	SLE QP 1	84.3703	74.55	No	-1505	13073	15	8.687	Si
4185 Prosp.A	Verticale	SLE QP 1	84.086	74.85	No	-1499	13073	15	8.722	Si
5238 Prosp.A	Verticale	SLE QP 2	81.6177	53.31	No	-1489	13073	15	8.7776	Si
4424 Prosp.A	Verticale	SLE QP 2	68.3678	-8.64	No	-1484	13073	15	8.8104	Si
4423 Prosp.A	Verticale	SLE QP 2	67.4575	-13.55	No	-1473	13073	15	8.8719	Si
4955 Prosp.A	Verticale	SLE RA 3	103.6546	59.04	No	-1922	17430	15	9.0665	Si
4954 Prosp.A	Verticale	SLE RA 3	104.2716	58.64	No	-1920	17430	15	9.0801	Si
4702 Prosp.A	Verticale	SLE QP 2	66.1061	-8.3	No	-1435	13073	15	9.1124	Si
4701 Prosp.A	Verticale	SLE QP 2	65.278	-17.5	No	-1434	13073	15	9.1151	Si
4991 Prosp.A	Verticale	SLE QP 1	79.0318	57.74	No	-1431	13073	15	9.1339	Si
4140 Prosp.A	Verticale	SLE QP 2	65.5775	-8.89	No	-1424	13073	15	9.1779	Si
4139 Prosp.A	Verticale	SLE QP 2	65.0555	-9.41	No	-1414	13073	15	9.2442	Si
4971 Prosp.A	Verticale	SLE QP 1	77.617	58.07	No	-1404	13073	15	9.3101	Si
4721 Prosp.A	Verticale	SLE QP 1	76.1909	65.55	No	-1362	13073	15	9.5972	Si
4713 Prosp.A	Verticale	SLE RA 4	98.3333	64.85	No	-1793	17430	15	9.72	Si
6074 Prosp.A	Verticale	SLE QP 2	35.3109	17.58	No	-1340	13073	15	9.7592	Si
3601 Prosp.A	Verticale	SLE QP 1	74.1566	72.18	No	-1337	13073	15	9.7743	Si
4714 Prosp.A	Verticale	SLE RA 4	97.7767	65.21	No	-1782	17430	15	9.7824	Si
4716 Prosp.A	Verticale	SLE QP 1	74.7333	66.11	No	-1333	13073	15	9.8082	Si
6104 Prosp.A	Verticale	SLE QP 2	34.3083	48.02	No	-1321	13073	15	9.8932	Si
3602 Prosp.A	Verticale	SLE QP 1	73.9033	72.39	No	-1306	13073	15	10.0134	Si
6073 Prosp.A	Verticale	SLE RA 1	47.003	24.74	No	-1737	17430	15	10.0366	Si

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	oc	oc limite	Es/Ec	c.s.	Verifica
6013 Prosp.A	Verticale	SLE QP 1	63.4698	42.39	No	-1290	13073	15	10.1299	Si
6125 Prosp.A	Verticale	SLE RA 4	46.0214	24.14	No	-1701	17430	15	10.2489	Si
5995 Prosp.A	Verticale	SLE RA 4	85.7162	57.66	No	-1680	17430	15	10.3762	Si
3552 Prosp.A	Verticale	SLE QP 2	57.6569	-10.19	No	-1257	13073	15	10.4015	Si
6124 Prosp.A	Verticale	SLE QP 2	33.9656	17.66	No	-1256	13073	15	10.4105	Si
3551 Prosp.A	Verticale	SLE QP 2	57.7487	-6.82	No	-1252	13073	15	10.438	Si
4451 Prosp.A	Verticale	SLE QP 1	71.3377	74.28	No	-1252	13073	15	10.4387	Si
4448 Prosp.A	Verticale	SLE RA 1	92.1655	71.15	No	-1662	17430	15	10.4859	Si
4449 Prosp.A	Verticale	SLE RA 1	91.7678	71.47	No	-1654	17430	15	10.5384	Si
4994 Prosp.A	Verticale	SLE QP 2	55.9293	-19	No	-1236	13073	15	10.5737	Si
4447 Prosp.A	Verticale	SLE QP 1	70.1569	74.7	No	-1229	13073	15	10.6398	Si
5689 Prosp.A	Verticale	SLE QP 1	65.8439	49.9	No	-1218	13073	15	10.734	Si
3588 Prosp.A	Orizzontale	SLE QP 2	-50.5196	-58.81	No	-1213	13073	15	10.7769	Si
5664 Prosp.A	Verticale	SLE RA 3	87.8521	54.92	No	-1607	17430	15	10.8432	Si
5875 Prosp.A	Verticale	SLE RA 4	85.1166	58.3	No	-1607	17430	15	10.8472	Si
4174 Prosp.A	Orizzontale	SLE QP 2	-50.5614	-53.59	No	-1204	13073	15	10.8569	Si
4995 Prosp.A	Verticale	SLE QP 2	55.5084	-5.19	No	-1201	13073	15	10.8826	Si
5979 Prosp.A	Verticale	SLE QP 2	62.7281	43.84	No	-1200	13073	15	10.8896	Si
6095 Prosp.A	Verticale	SLE QP 2	28.9458	19.15	No	-1196	13073	15	10.9271	Si
4159 Prosp.A	Orizzontale	SLE QP 2	-50.5022	-49.5	No	-1195	13073	15	10.9387	Si
4175 Prosp.A	Orizzontale	SLE QP 2	-50.2536	-51.6	No	-1194	13073	15	10.952	Si
3580 Prosp.A	Orizzontale	SLE QP 2	-49.9193	-54.36	No	-1192	13073	15	10.9713	Si
3587 Prosp.A	Orizzontale	SLE QP 2	-49.5781	-57.41	No	-1190	13073	15	10.9869	Si
4160 Prosp.A	Orizzontale	SLE QP 2	-50.2916	-47.63	No	-1187	13073	15	11.0136	Si
4172 Prosp.A	Orizzontale	SLE QP 2	-49.6284	-53.62	No	-1184	13073	15	11.043	Si
3575 Prosp.A	Orizzontale	SLE QP 2	-49.0623	-55.71	No	-1175	13073	15	11.122	Si
3590 Prosp.A	Orizzontale	SLE QP 2	-49.3914	-51.14	No	-1174	13073	15	11.1356	Si
5560 Prosp.A	Verticale	SLE RA 3	85.5797	54.72	No	-1564	17430	15	11.1466	Si
4157 Prosp.A	Orizzontale	SLE QP 2	-49.4481	-49.51	No	-1172	13073	15	11.1532	Si
3584 Prosp.A	Orizzontale	SLE QP 2	-49.3299	-49.98	No	-1170	13073	15	11.1692	Si
5250 Prosp.A	Verticale	SLE RA 1	84.8225	51.88	No	-1554	17430	15	11.2157	Si
5744 Prosp.A	Orizzontale	SLE QP 4	-51.3987	-21.92	No	-1163	13073	15	11.2441	Si
3585 Prosp.A	Orizzontale	SLE QP 2	-47.976	-59.84	No	-1159	13073	15	11.2746	Si
4162 Prosp.A	Orizzontale	SLE QP 2	-49.1067	-46.13	No	-1158	13073	15	11.2862	Si
5343 Prosp.A	Verticale	SLE QP 1	62.6627	52.41	No	-1149	13073	15	11.3786	Si
4171 Prosp.A	Orizzontale	SLE QP 2	-48.0753	-53.04	No	-1149	13073	15	11.3792	Si
3326 Prosp.A	Verticale	SLE QP 1	61.2214	61.2	No	-1148	13073	15	11.388	Si
4176 Prosp.A	Orizzontale	SLE QP 2	-48.4897	-46.53	No	-1146	13073	15	11.4115	Si
5574 Prosp.A	Verticale	SLE QP 2	63.4689	50.55	No	-1142	13073	15	11.4479	Si
3571 Prosp.A	Orizzontale	SLE QP 2	-47.0477	-55.31	No	-1131	13073	15	11.5618	Si
4184 Prosp.A	Verticale	SLE RA 1	84.3703	74.55	No	-1505	17430	15	11.5827	Si
4185 Prosp.A	Verticale	SLE RA 1	84.086	74.85	No	-1499	17430	15	11.6294	Si
4156 Prosp.A	Orizzontale	SLE QP 2	-47.3197	-48.49	No	-1124	13073	15	11.633	Si
3591 Prosp.A	Orizzontale	SLE QP 2	-47.4761	-44.91	No	-1120	13073	15	11.6678	Si
4437 Prosp.A	Orizzontale	SLE QP 2	-47.225	-46.07	No	-1117	13073	15	11.7021	Si
5238 Prosp.A	Verticale	SLE RA 4	81.6173	53.29	No	-1489	17430	15	11.7032	Si
4424 Prosp.A	Verticale	SLE RA 3	68.4428	-9.66	No	-1487	17430	15	11.7193	Si
4462 Prosp.A	Orizzontale	SLE QP 2	-47.0058	-46.43	No	-1113	13073	15	11.7453	Si
4438 Prosp.A	Orizzontale	SLE QP 2	-47.2	-42.47	No	-1110	13073	15	11.7795	Si
4464 Prosp.A	Orizzontale	SLE QP 2	-46.7616	-46.8	No	-1108	13073	15	11.7942	Si
4423 Prosp.A	Verticale	SLE RA 3	67.5339	-14.56	No	-1477	17430	15	11.8007	Si

Verifiche SLE tensione acciaio D.M. 17-01-18 §4.1.2.2.5.2

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	of	of limite	Es/Ec	c.s.	Verifica
6072 Prosp.A	Verticale	SLE RA 3	63.1179	39.94	No	31840	360000	15	11.3064	Si
5866 Prosp.A	Verticale	SLE RA 3	118.6326	68.58	No	30905	360000	15	11.6484	Si
5867 Prosp.A	Verticale	SLE RA 3	117.7541	68.04	No	30482	360000	15	11.8103	Si
5550 Prosp.A	Verticale	SLE RA 3	117.2951	58.67	No	29169	360000	15	12.342	Si
5551 Prosp.A	Verticale	SLE RA 3	116.5319	58.72	No	28990	360000	15	12.4179	Si
5229 Prosp.A	Verticale	SLE RA 3	110.5239	54.57	No	27485	360000	15	13.0979	Si
5230 Prosp.A	Verticale	SLE RA 3	109.8344	54.93	No	27333	360000	15	13.171	Si
4955 Prosp.A	Verticale	SLE RA 3	103.6546	59.04	No	26171	360000	15	13.7558	Si
4954 Prosp.A	Verticale	SLE RA 3	104.2716	58.64	No	26104	360000	15	13.7912	Si
4713 Prosp.A	Verticale	SLE RA 4	98.3333	64.85	No	24873	360000	15	14.4738	Si
4714 Prosp.A	Verticale	SLE RA 4	97.7767	65.21	No	24751	360000	15	14.5447	Si
4448 Prosp.A	Verticale	SLE RA 1	92.1655	71.15	No	23590	360000	15	15.2607	Si
4449 Prosp.A	Verticale	SLE RA 1	91.7678	71.47	No	23505	360000	15	15.3159	Si
6073 Prosp.A	Verticale	SLE RA 1	47.003	24.74	No	23443	360000	15	15.3565	Si
5995 Prosp.A	Verticale	SLE RA 4	85.7162	57.66	No	23352	360000	15	15.4163	Si
6125 Prosp.A	Verticale	SLE RA 1	46.0195	24.23	No	22953	360000	15	15.6842	Si
5875 Prosp.A	Verticale	SLE RA 4	85.1166	58.3	No	22416	360000	15	16.0601	Si
5664 Prosp.A	Verticale	SLE RA 1	87.8404	55.14	No	22144	360000	15	16.2573	Si
4184 Prosp.A	Verticale	SLE RA 1	84.3703	74.55	No	21847	360000	15	16.4782	Si
4185 Prosp.A	Verticale	SLE RA 1	84.086	74.85	No	21788	360000	15	16.5228	Si
5560 Prosp.A	Verticale	SLE RA 4	85.5833	54.82	No	21604	360000	15	16.6634	Si
5250 Prosp.A	Verticale	SLE RA 1	84.8225	51.88	No	21347	360000	15	16.8646	Si
6104 Prosp.A	Verticale	SLE RA 1	34.2222	49.88	No	21045	360000	15	17.1061	Si
5238 Prosp.A	Verticale	SLE RA 1	81.6211	53.4	No	20634	360000	15	17.4471	Si
4991 Prosp.A	Verticale	SLE RA 1	79.0318	57.74	No	20141	360000	15	17.8741	Si
4971 Prosp.A	Verticale	SLE RA 1	77.617	58.07	No	19830	360000	15	18.1544	Si
3601 Prosp.A	Verticale	SLE RA 1	74.1566	72.18	No	19741	360000	15	18.2358	Si
4721 Prosp.A	Verticale	SLE RA 1	76.1909	65.55	No	19682	360000	15	18.2912	Si
4716 Prosp.A	Verticale	SLE RA 1	74.7333	66.11	No	19354	360000	15	18.6013	Si
3602 Prosp.A	Verticale	SLE RA 1	73.9033	72.39	No	19326	360000	15	18.6275	Si
4451 Prosp.A	Verticale	SLE RA 1	71.3377	74.28	No	18773	360000	15	19.1761	Si
4447 Prosp.A	Verticale	SLE RA 1	70.1569	74.7	No	18507	360000	15	19.4523	Si
6074 Prosp.A	Verticale	SLE RA 1	35.3223	17.72	No	17972	360000	15	20.0315	Si
6013 Prosp.A	Verticale	SLE RA 1	63.4698	42.39	No	17903	360000	15	20.1087	Si
4424 Prosp.A	Verticale	SLE RA 1	68.312	-7.56	No	17557	360000	15	20.5043	Si
5689 Prosp.A	Verticale	SLE RA 1	65.8439	49.9	No	17207	360000	15	20.9216	Si
4423 Prosp.A	Verticale	SLE RA 1	67.3931	-12.47	No	17179	360000	15	20.9556	Si
4183 Prosp.A	Verticale	SLE RA 1	63.9942	77.89	No	17142	360000	15	21.0008	Si
4702 Prosp.A	Verticale	SLE RA 1	66.0249	-6.71	No	16986	360000	15	21.1935	Si
3326 Prosp.A	Verticale	SLE RA 1	61.2214	61.2	No	16974	360000	15	21.2091	Si
6124 Prosp.A	Verticale	SLE RA 1	33.9691	17.83	No	16939	360000	15	21.2522	Si
4180 Prosp.A	Verticale	SLE RA 1	62.8567	78.46	No	16919	360000	15	21.2781	Si
4140 Prosp.A	Verticale	SLE RA 1	65.5408	-8.31	No	16815	360000	15	21.4092	Si
5979 Prosp.A	Verticale	SLE RA 1	62.7358	44.05	No	16796	360000	15	21.4338	Si

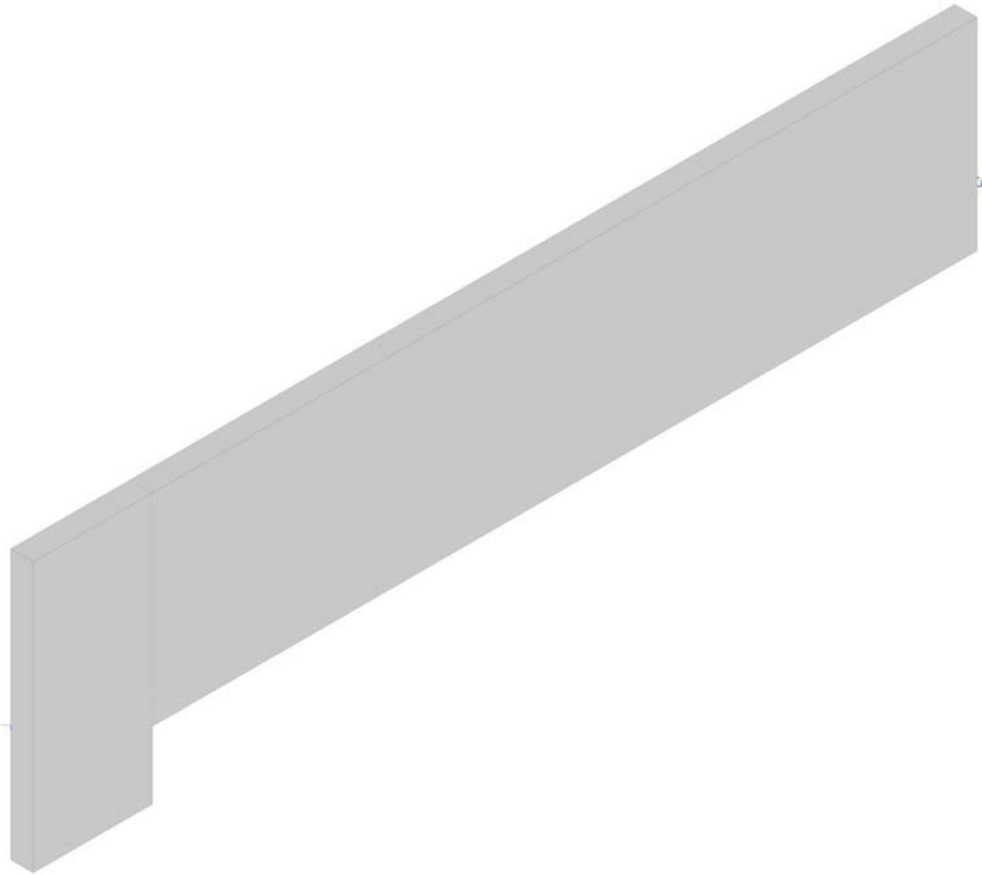
Vano di equalizzazione e sedimentazione meccanica

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	of	of limite	Es/Ec	c.s.	Verifica
4139 Prosp.A	Verticale	SLE RA 1	65.011	-8.82	No	16663	360000	15	21.6051	Si
6095 Prosp.A	Verticale	SLE RA 1	28.853	20.99	No	16537	360000	15	21.7689	Si
4701 Prosp.A	Verticale	SLE RA 1	65.1872	-15.91	No	16508	360000	15	21.8077	Si
5343 Prosp.A	Verticale	SLE RA 1	62.6627	52.41	No	16493	360000	15	21.8278	Si
3600 Prosp.A	Verticale	SLE RA 1	59.5952	80.62	No	16477	360000	15	21.8487	Si
5574 Prosp.A	Verticale	SLE RA 1	63.478	50.74	No	16294	360000	15	22.0941	Si
3327 Prosp.A	Verticale	SLE RA 1	60.9689	61.25	No	16282	360000	15	22.1101	Si
5004 Prosp.A	Verticale	SLE RA 1	59.632	57.43	No	15875	360000	15	22.6771	Si
5245 Prosp.A	Verticale	SLE RA 1	60.6297	53.65	No	15702	360000	15	22.9277	Si
3598 Prosp.A	Verticale	SLE RA 1	57.2266	78.18	No	15557	360000	15	23.14	Si
4728 Prosp.A	Verticale	SLE RA 1	56.3985	65.64	No	15306	360000	15	23.5201	Si
4985 Prosp.A	Verticale	SLE RA 1	57.7043	58.72	No	15149	360000	15	23.7639	Si
4452 Prosp.A	Verticale	SLE RA 1	54.3063	74.61	No	15041	360000	15	23.9341	Si
6046 Prosp.A	Verticale	SLE RA 1	44.4613	58.6	No	15010	360000	15	23.9841	Si
3321 Prosp.A	Verticale	SLE RA 1	52.1247	71.51	No	14988	360000	15	24.0184	Si
3551 Prosp.A	Verticale	SLE RA 3	57.7787	-6.85	No	14837	360000	15	24.2634	Si
3552 Prosp.A	Verticale	SLE RA 3	57.6853	-10.22	No	14717	360000	15	24.4607	Si
4717 Prosp.A	Verticale	SLE RA 1	54.7099	66.7	No	14658	360000	15	24.5597	Si
4444 Prosp.A	Verticale	SLE RA 1	52.9075	75.44	No	14468	360000	15	24.8827	Si
6115 Prosp.A	Verticale	SLE RA 1	-24.6142	24.83	No	14390	360000	15	25.0166	Si
6116 Prosp.A	Verticale	SLE RA 1	-24.5452	25.05	No	14367	360000	15	25.0579	Si
6105 Prosp.A	Verticale	SLE RA 1	24.0692	35.4	No	14345	360000	15	25.0963	Si
4995 Prosp.A	Verticale	SLE RA 1	55.4137	-3.05	No	14329	360000	15	25.1231	Si
3320 Prosp.A	Verticale	SLE RA 1	51.6252	71.42	No	14316	360000	15	25.1462	Si
4182 Prosp.A	Verticale	SLE RA 1	50.0213	79.77	No	14153	360000	15	25.4362	Si
6083 Prosp.A	Verticale	SLE RA 1	-25.3874	19.25	No	14128	360000	15	25.4807	Si
4994 Prosp.A	Verticale	SLE RA 1	55.8223	-16.88	No	14045	360000	15	25.6328	Si
6048 Prosp.A	Verticale	SLE RA 1	-43.906	32.43	No	14042	360000	15	25.6368	Si
5999 Prosp.A	Verticale	SLE RA 1	-45.8311	44.89	No	14020	360000	15	25.6781	Si
6005 Prosp.A	Verticale	SLE RA 1	-45.5954	44.91	No	13984	360000	15	25.7431	Si
6114 Prosp.A	Verticale	SLE RA 1	-23.7984	24.31	No	13931	360000	15	25.841	Si
4177 Prosp.A	Verticale	SLE RA 1	50.0054	80.42	No	13916	360000	15	25.8689	Si
6056 Prosp.A	Verticale	SLE RA 1	-43.1326	33.95	No	13907	360000	15	25.8865	Si
5691 Prosp.A	Verticale	SLE RA 1	-47.9043	45.91	No	13761	360000	15	26.161	Si
5684 Prosp.A	Verticale	SLE RA 1	-47.8394	44.97	No	13718	360000	15	26.2437	Si
6025 Prosp.A	Verticale	SLE RA 1	40.596	67.36	No	13710	360000	15	26.2577	Si
6022 Prosp.A	Verticale	SLE RA 1	44.8367	32.87	No	13700	360000	15	26.2768	Si
6084 Prosp.A	Verticale	SLE RA 1	-24.6971	17.57	No	13680	360000	15	26.3159	Si
6082 Prosp.A	Verticale	SLE RA 1	-24.821	19.64	No	13668	360000	15	26.3382	Si
5724 Prosp.A	Verticale	SLE RA 1	-48.6372	34.02	No	13637	360000	15	26.3984	Si
6041 Prosp.A	Verticale	SLE RA 1	-43.6018	30.42	No	13624	360000	15	26.4233	Si
5722 Prosp.A	Verticale	SLE RA 1	-48.4709	34.9	No	13601	360000	15	26.4677	Si
6075 Prosp.A	Verticale	SLE RA 1	25.1616	13.96	No	13601	360000	15	26.4679	Si
5993 Prosp.A	Verticale	SLE RA 1	-44.5195	44.27	No	13579	360000	15	26.5113	Si
5422 Prosp.A	Verticale	SLE RA 1	-48.3528	35.2	No	13575	360000	15	26.5199	Si
5697 Prosp.A	Verticale	SLE RA 1	46.8615	45.61	No	13481	360000	15	26.7038	Si
5367 Prosp.A	Verticale	SLE RA 1	-46.9829	43.94	No	13466	360000	15	26.7349	Si
6002 Prosp.A	Verticale	SLE RA 1	-43.6609	44.22	No	13413	360000	15	26.8406	Si
3597 Prosp.A	Verticale	SLE RA 1	46.5083	79.08	No	13393	360000	15	26.8803	Si
6117 Prosp.A	Verticale	SLE RA 1	-23.4815	24.58	No	13340	360000	15	26.9871	Si
5723 Prosp.A	Verticale	SLE RA 1	-47.7121	37.03	No	13326	360000	15	27.0147	Si
5258 Prosp.A	Verticale	SLE RA 1	-46.5573	42.03	No	13301	360000	15	27.066	Si
5690 Prosp.A	Verticale	SLE RA 1	-46.0125	46.39	No	13283	360000	15	27.1031	Si
6038 Prosp.A	Verticale	SLE RA 1	-42.7095	29.79	No	13256	360000	15	27.1571	Si
5135 Prosp.A	Verticale	SLE RA 1	-47.1533	34.08	No	13231	360000	15	27.2089	Si
5424 Prosp.A	Verticale	SLE RA 1	-47.3342	32.32	No	13228	360000	15	27.2146	Si

Parete FILI 1-13

Verifiche condotte secondo D.M. 17-01-18 (N.T.C.)

Geometria



Caratteristiche dei materiali

Acciaio: B450C Fyk 450000

Calcestruzzo: C28/35 Rck 35000

Livelli significativi

Descrizione breve	Descrizione	Quota	Spessore
L1	Livello platea ribassata	-2.6	0
L2	Platea di fondazione vasca	-1.1	0
L3	Piano campagna	0	0
L4	Livello soletta paratoie	2.2	0
L5	Livello stramazzi	2.62	0
L6	Livello coronamento	3.4	0

Verifiche nei nodi

Sezioni rettangolari

Descrizione	Dir.	Base	Altezza	As,sup	As,inf	c,sup	c,inf
6175 Prosp.A	Verticale	0.5	0.5	0.000402	0.000603	0.048	0.048
6348 Prosp.A	Verticale	0.5	0.5	0.000603	0.000402	0.048	0.048
5958 Prosp.A	Verticale	0.95	0.5	0.001005	0.001005	0.048	0.048
6230 Prosp.A	Verticale	0.5	0.5	0.000402	0.000603	0.048	0.048
5652 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5332 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
6170 Prosp.A	Verticale	0.5	0.5	0.000402	0.000603	0.048	0.048
6343 Prosp.A	Verticale	0.5	0.5	0.000603	0.000402	0.048	0.048
5876 Prosp.A	Verticale	0.9546	0.5	0.001005	0.001005	0.048	0.048
5087 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
4817 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5561 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5650 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
6143 Prosp.A	Verticale	0.5	0.5	0.000402	0.000603	0.048	0.048
5956 Prosp.A	Verticale	0.95	0.5	0.001005	0.001005	0.048	0.048
5881 Prosp.A	Verticale	0.9523	0.5	0.001005	0.001005	0.048	0.048
5890 Prosp.A	Verticale	0.95	0.5	0.001005	0.001005	0.048	0.048
4548 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5330 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
6330 Prosp.A	Verticale	0.5	0.5	0.000603	0.000402	0.048	0.048
5246 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
6151 Prosp.A	Verticale	0.5	0.5	0.000402	0.000603	0.048	0.048
5583 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5570 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5886 Prosp.A	Verticale	0.95	0.5	0.001005	0.001005	0.048	0.048
5888 Prosp.A	Verticale	0.95	0.5	0.001005	0.001005	0.048	0.048
5268 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5270 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5085 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5266 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
6159 Prosp.A	Verticale	0.5	0.5	0.000402	0.000603	0.048	0.048
4266 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5912 Prosp.A	Verticale	0.95	0.5	0.001005	0.001005	0.048	0.048
5272 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5000 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5866 Prosp.A	Verticale	0.9615	0.5	0.002011	0.002011	0.048	0.048
5274 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048

Descrizione	Dir.	Base	Altezza	As,sup	As,inf	c,sup	c,inf
5550 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
5648 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5256 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5579 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5954 Prosp.A	Verticale	0.95	0.5	0.001005	0.001005	0.048	0.048
5264 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5276 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5581 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
4815 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5021 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5278 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
3326 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5023 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5229 Prosp.A	Verticale	1	0.5	0.002011	0.002003	0.048	0.048
5328 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5605 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5019 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5025 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5280 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5916 Prosp.A	Verticale	0.95	0.5	0.001005	0.001005	0.048	0.048
5585 Prosp.A	Verticale	1	0.5	0.001312	0.001312	0.048	0.048
4954 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
4735 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5262 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
6325 Prosp.A	Verticale	0.5	0.5	0.000603	0.000402	0.048	0.048
5027 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
6072 Prosp.A	Verticale	0.5	0.5	0.001005	0.001206	0.048	0.048
5930 Prosp.A	Verticale	0.95	0.5	0.001005	0.001005	0.048	0.048
5928 Prosp.A	Verticale	0.95	0.5	0.001005	0.001005	0.048	0.048
5083 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5008 Prosp.A	Verticale	1	0.5	0.00092	0.001005	0.048	0.048
5932 Prosp.A	Verticale	0.95	0.5	0.001005	0.001005	0.048	0.048
2239 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
2178 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
5926 Prosp.A	Verticale	0.95	0.5	0.001005	0.001005	0.048	0.048
5282 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
4546 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
2300 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
5924 Prosp.A	Verticale	0.95	0.5	0.001005	0.001005	0.048	0.048
2117 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
5934 Prosp.A	Verticale	0.95	0.5	0.001005	0.001005	0.048	0.048
5260 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5587 Prosp.A	Verticale	1	0.5	0.001407	0.001407	0.048	0.048
5589 Prosp.A	Verticale	1	0.5	0.001407	0.001407	0.048	0.048
5922 Prosp.A	Verticale	0.95	0.5	0.001005	0.001005	0.048	0.048
2361 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
6240 Prosp.A	Verticale	0.5	0.5	0.000603	0.000603	0.048	0.048
3686 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
4749 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
2056 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
5868 Prosp.A	Verticale	0.9592	0.5	0.002011	0.002011	0.048	0.048
4713 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
5591 Prosp.A	Verticale	1	0.5	0.001407	0.001407	0.048	0.048
5936 Prosp.A	Verticale	0.95	0.5	0.001005	0.001005	0.048	0.048
4751 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5918 Prosp.A	Verticale	0.95	0.5	0.001005	0.001005	0.048	0.048
5555 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
5920 Prosp.A	Verticale	0.95	0.5	0.001005	0.00153	0.048	0.048
5029 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5593 Prosp.A	Verticale	1	0.5	0.001407	0.001407	0.048	0.048
1994 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
1933 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
5017 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
6180 Prosp.A	Verticale	0.5	0.5	0.000863	0.001064	0.048	0.048
5595 Prosp.A	Verticale	1	0.5	0.001407	0.001407	0.048	0.048
5031 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
1872 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
4813 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
2422 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
5284 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5597 Prosp.A	Verticale	1	0.5	0.001407	0.001407	0.048	0.048
5892 Prosp.A	Verticale	0.95	0.5	0.001619	0.001619	0.048	0.048
5033 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
1811 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
896 Prosp.A	Verticale	0.5	0.5	0.000402	0.000603	0.048	0.048
6127 Prosp.A	Verticale	0.5	0.5	0.001005	0.001206	0.048	0.048
3349 Prosp.A	Verticale	0.95	0.5	0.000804	0.001005	0.048	0.048
4448 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
5234 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
4184 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
3349 Prosp.A	Orizzontale	1	0.5	0.001206	0.001206	0.0652	0.0652
3616 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
3351 Prosp.A	Orizzontale	1	0.5	0.001508	0.001508	0.064	0.064
4972 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
3351 Prosp.A	Verticale	0.95	0.5	0.000804	0.001005	0.048	0.048
3614 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.0654	0.0654
4196 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
957 Prosp.A	Verticale	0.5	0.5	0.000402	0.000603	0.048	0.048
884 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
4198 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
2483 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
3618 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
3601 Prosp.A	Verticale	1	0.5	0.001608	0.001608	0.048	0.048
4719 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
957 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
2544 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
3616 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
6135 Prosp.A	Verticale	0.5	0.5	0.001005	0.001206	0.048	0.048
1750 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
1689 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064

Descrizione	Dir.	Base	Altezza	As,sup	As,inf	c,sup	c,inf
4480 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
1628 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
4200 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
1567 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
3345 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
3345 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.0654	0.0654
5873 Prosp.A	Verticale	0.9569	0.5	0.002011	0.002011	0.048	0.048
1506 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
4482 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
2605 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
1445 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
3614 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
4194 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.0654	0.0654
4478 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
1384 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
1323 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
5558 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
4456 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
1262 Prosp.A	Orizzontale	1	0.5	0.000976	0.000976	0.064	0.064
3353 Prosp.A	Orizzontale	1	0.5	0.001487	0.001487	0.064	0.064
3620 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
4484 Prosp.A	Orizzontale	1	0.5	0.001004	0.001004	0.064	0.064
1201 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
2666 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
3611 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.0654	0.0654
4202 Prosp.A	Orizzontale	1	0.5	0.001004	0.001004	0.064	0.064
3618 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5240 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
6190 Prosp.A	Verticale	0.5	0.5	0.001005	0.001206	0.048	0.048
6185 Prosp.A	Verticale	0.5	0.5	0.001005	0.001206	0.048	0.048
6195 Prosp.A	Verticale	0.5	0.5	0.001005	0.001206	0.048	0.048
4989 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
5896 Prosp.A	Verticale	0.95	0.5	0.00181	0.00181	0.048	0.048
5894 Prosp.A	Verticale	0.95	0.5	0.00181	0.00181	0.048	0.048
6200 Prosp.A	Verticale	0.5	0.5	0.001005	0.001206	0.048	0.048
5898 Prosp.A	Verticale	0.95	0.5	0.00181	0.00181	0.048	0.048
5900 Prosp.A	Verticale	0.95	0.5	0.00181	0.00181	0.048	0.048
6205 Prosp.A	Verticale	0.5	0.5	0.001005	0.001206	0.048	0.048
4730 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
4186 Prosp.A	Verticale	1	0.5	0.001997	0.002011	0.048	0.048
5902 Prosp.A	Verticale	0.95	0.5	0.00181	0.00181	0.048	0.048
6210 Prosp.A	Verticale	0.5	0.5	0.001005	0.001206	0.048	0.048
5904 Prosp.A	Verticale	0.95	0.5	0.00181	0.00181	0.048	0.048
6215 Prosp.A	Verticale	0.5	0.5	0.001005	0.001206	0.048	0.048
4469 Prosp.A	Verticale	1	0.5	0.001943	0.001943	0.048	0.048

Verifiche a flessione SLU D.M. 17-01-18 §4.1.2.3.4.2

La struttura è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione, per le combinazioni SLV, viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
6175 Prosp.A	Verticale	SLV 1	22.2602	187.69	23.5174	198.29	1.0565	Si
6348 Prosp.A	Verticale	SLV 7	-51.7969	49.9	-55.1024	53.09	1.0638	Si
5958 Prosp.A	Verticale	SLV 7	-120.4826	96.37	-141.1397	112.89	1.1715	Si
6230 Prosp.A	Verticale	SLV 3	23.3385	153.05	27.3558	179.4	1.1721	Si
5652 Prosp.A	Verticale	SLV 7	-119.2802	100.69	-140.1866	118.34	1.1753	Si
5332 Prosp.A	Verticale	SLV 7	-110.4945	98.13	-139.0994	123.54	1.2589	Si
6170 Prosp.A	Verticale	SLV 5	16.1057	168.64	20.4073	213.68	1.2671	Si
6343 Prosp.A	Verticale	SLV 7	-40.942	52.55	-52.1439	66.93	1.2736	Si
5876 Prosp.A	Verticale	SLV 3	-84.9151	230.57	-111.9211	303.9	1.318	Si
5087 Prosp.A	Verticale	SLV 11	-103.2874	102.99	-136.4633	136.07	1.3212	Si
4817 Prosp.A	Verticale	SLV 11	-97.5189	108.02	-133.8877	148.31	1.3729	Si
5561 Prosp.A	Verticale	SLV 3	-83.4045	209.76	-115.3395	290.07	1.3829	Si
5650 Prosp.A	Verticale	SLV 7	-95.0951	101.27	-134.8716	143.64	1.4183	Si
6143 Prosp.A	Verticale	SLV 3	-45.9493	130.32	-65.1732	184.84	1.4184	Si
5956 Prosp.A	Verticale	SLV 7	-95.6773	95.81	-136.2304	136.42	1.4239	Si
5881 Prosp.A	Verticale	SLV 3	-64.3452	269.02	-93.5248	391.02	1.4535	Si
5890 Prosp.A	Verticale	SLV 7	48.5748	337.33	70.8103	491.74	1.4578	Si
4548 Prosp.A	Verticale	SLV 11	-88.9469	110.36	-130.9055	162.42	1.4717	Si
5330 Prosp.A	Verticale	SLV 7	-88.4199	101.3	-133.0234	152.4	1.5045	Si
6330 Prosp.A	Verticale	SLV 7	-32.0611	55.83	-48.4032	84.29	1.5097	Si
5246 Prosp.A	Verticale	SLV 3	-77.4718	184.06	-117.6001	279.4	1.518	Si
6151 Prosp.A	Verticale	SLV 3	-34.9209	154.83	-53.4337	236.9	1.5301	Si
5583 Prosp.A	Verticale	SLV 7	53.1301	285.6	82.3167	442.49	1.5493	Si
5570 Prosp.A	Verticale	SLV 3	-63.3616	238.87	-98.3015	370.59	1.5514	Si
5886 Prosp.A	Verticale	SLV 3	-48.0096	298.72	-75.6494	470.7	1.5757	Si
5888 Prosp.A	Verticale	SLV 1	-38.6241	304.71	-61.2768	483.41	1.5865	Si
5268 Prosp.A	Verticale	SLV 3	65.759	213.91	104.7027	340.59	1.5922	Si
5270 Prosp.A	Verticale	SLV 3	65.8894	207.76	106.0506	334.4	1.6095	Si
5085 Prosp.A	Verticale	SLV 7	-80.4277	103.49	-129.9023	167.16	1.6151	Si
5266 Prosp.A	Verticale	SLV 3	62.9318	218.97	101.7966	354.2	1.6176	Si
6159 Prosp.A	Verticale	SLV 3	-26.0601	173.13	-42.6188	283.13	1.6354	Si
4266 Prosp.A	Verticale	SLV 3	-86.3421	98.2	-142.1096	161.63	1.6459	Si
5912 Prosp.A	Verticale	SLV 3	42.6518	266.32	70.2803	438.84	1.6478	Si
5272 Prosp.A	Verticale	SLV 3	64.2056	201.09	106.3034	332.94	1.6557	Si
6170 Prosp.A	Verticale	SLV 1	-20.7072	179.06	-34.7154	300.2	1.6765	Si
5000 Prosp.A	Verticale	SLV 3	-71.1476	161.09	-119.4664	270.49	1.6791	Si
5866 Prosp.A	Verticale	SLV 3	-177.274	108.34	-298.2704	182.28	1.6825	Si
5274 Prosp.A	Verticale	SLV 1	55.3546	199.39	93.2451	335.87	1.6845	Si
5550 Prosp.A	Verticale	SLV 3	-175.7031	115.9	-296.1837	195.37	1.6857	Si
5648 Prosp.A	Verticale	SLV 7	-74.8137	104.98	-127.4352	178.81	1.7034	Si
5888 Prosp.A	Verticale	SLV 7	35.9379	312.58	61.2611	532.83	1.7046	Si
5256 Prosp.A	Verticale	SLV 1	-59.8642	173.25	-102.1614	295.66	1.7066	Si
5579 Prosp.A	Verticale	SLV 3	-47.7213	261	-81.5359	445.94	1.7086	Si
5954 Prosp.A	Verticale	SLV 7	-75.4652	99.65	-129.0724	170.44	1.7104	Si
5264 Prosp.A	Verticale	SLV 3	56.8184	219.75	97.2067	375.96	1.7108	Si
5276 Prosp.A	Verticale	SLV 1	53.4687	196.86	92.337	339.96	1.7269	Si
5581 Prosp.A	Verticale	SLV 7	41.4978	279.33	72.2323	486.21	1.7406	Si
4815 Prosp.A	Verticale	SLV 7	-71.4133	107.16	-125.4316	188.22	1.7564	Si
5021 Prosp.A	Verticale	SLV 3	65.1702	161.29	115.9878	287.05	1.7798	Si
5278 Prosp.A	Verticale	SLV 3	50.8194	195.01	90.6057	347.68	1.7829	Si

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
5581 Prosp.A	Verticale	SLV 3	-40.4656	240.56	-72.2356	429.43	1.7851	Si
3326 Prosp.A	Verticale	SLU 1	-85.3898	61.46	-152.8288	110	1.7898	Si
5023 Prosp.A	Verticale	SLU 3	66.3239	153.13	118.7217	274.11	1.79	Si
5229 Prosp.A	Verticale	SLU 3	-165.7502	104.34	-296.725	186.78	1.7902	Si
5328 Prosp.A	Verticale	SLV 7	-69.596	105.22	-125.1978	189.28	1.7989	Si
5605 Prosp.A	Verticale	SLV 3	41.3856	232.37	74.5894	418.8	1.8023	Si
5019 Prosp.A	Verticale	SLU 3	60.3476	169.93	110.7692	311.9	1.8355	Si
5025 Prosp.A	Verticale	SLU 3	65.1039	146.71	119.6257	269.57	1.8375	Si
5280 Prosp.A	Verticale	SLV 3	47.9392	192.86	88.6254	356.54	1.8487	Si
5916 Prosp.A	Verticale	SLV 3	35.2575	249.41	65.4293	462.85	1.8558	Si
5585 Prosp.A	Verticale	SLU 7	60.1105	286.19	113.3092	539.47	1.885	Si
4954 Prosp.A	Verticale	SLU 3	-156.5506	105.33	-295.5006	198.82	1.8876	Si
4735 Prosp.A	Verticale	SLU 3	-64.3338	137.25	-121.6854	259.61	1.8915	Si
5262 Prosp.A	Verticale	SLU 7	46.0899	221.59	87.4049	420.22	1.8964	Si
6325 Prosp.A	Verticale	SLV 7	-21.9591	59.97	-41.8504	114.3	1.9058	Si
5027 Prosp.A	Verticale	SLU 3	62.429	142.09	119.2539	271.42	1.9102	Si
6072 Prosp.A	Verticale	SLU 3	-94.1507	51.65	-179.8538	98.66	1.9103	Si
5930 Prosp.A	Verticale	SLV 3	47.1891	181.42	90.5097	347.96	1.918	Si
5928 Prosp.A	Verticale	SLV 3	44.8829	191.47	86.1399	367.48	1.9192	Si
5083 Prosp.A	Verticale	SLV 7	-63.6168	105.96	-122.1646	203.49	1.9203	Si
5008 Prosp.A	Verticale	SLV 3	-57.4995	133.87	-110.5454	257.38	1.9225	Si
5932 Prosp.A	Verticale	SLV 3	49.025	171.56	94.4206	330.41	1.926	Si
2239 Prosp.A	Orizzontale	SLU 1	-99.0607	-43.53	-190.8531	-83.86	1.9266	Si
2178 Prosp.A	Orizzontale	SLU 1	-99.2072	-44.55	-191.2407	-85.88	1.9277	Si
5926 Prosp.A	Verticale	SLV 3	43.9538	193.87	84.733	373.73	1.9278	Si
5282 Prosp.A	Verticale	SLV 3	44.6785	190.04	86.2783	366.99	1.9311	Si
4546 Prosp.A	Verticale	SLU 3	-72.303	89.66	-139.6508	173.18	1.9315	Si
2300 Prosp.A	Orizzontale	SLU 1	-98.2842	-42.79	-190.6768	-83.02	1.9401	Si
5924 Prosp.A	Verticale	SLV 3	41.0396	203.9	79.7096	396.02	1.9423	Si
2117 Prosp.A	Orizzontale	SLU 1	-98.7308	-45.88	-191.8735	-89.17	1.9434	Si
5934 Prosp.A	Verticale	SLV 3	50.271	161.5	97.9254	314.6	1.948	Si
5260 Prosp.A	Verticale	SLU 3	-44.7731	215.81	-87.2855	420.72	1.9495	Si
5587 Prosp.A	Verticale	SLU 7	63.8721	284.25	125.1528	556.97	1.9594	Si
5589 Prosp.A	Verticale	SLU 7	64.8984	278.21	127.375	546.04	1.9627	Si
5922 Prosp.A	Verticale	SLV 3	37.8919	213.84	74.3752	419.73	1.9628	Si
2361 Prosp.A	Orizzontale	SLU 1	-96.859	-42.34	-190.7474	-83.38	1.9693	Si
6240 Prosp.A	Verticale	SLV 3	19.4733	143.02	38.3947	281.99	1.9717	Si
3686 Prosp.A	Verticale	SLU 3	-69.2167	95.54	-136.5264	188.44	1.9724	Si
4749 Prosp.A	Verticale	SLU 3	64.5245	117.89	127.291	232.57	1.9728	Si
2056 Prosp.A	Orizzontale	SLU 1	-97.6284	-47.54	-192.82	-93.89	1.975	Si
5868 Prosp.A	Verticale	SLU 3	-140.6343	141.88	-278.0838	280.55	1.9774	Si
4713 Prosp.A	Verticale	SLU 3	-147.5071	108.66	-292.1147	215.19	1.9803	Si
5591 Prosp.A	Verticale	SLV 1	58.3812	270.25	115.6889	535.53	1.9816	Si
5936 Prosp.A	Verticale	SLV 3	50.7828	151.67	100.8636	301.25	1.9862	Si
4751 Prosp.A	Verticale	SLU 3	66.938	102.93	133.108	204.68	1.9885	Si
5918 Prosp.A	Verticale	SLV 3	31.3615	240.36	62.368	478.01	1.9887	Si
5555 Prosp.A	Verticale	SLU 3	-139.1804	143.2	-277.6712	285.68	1.995	Si
5920 Prosp.A	Verticale	SLV 3	34.509	223.63	68.865	446.27	1.9956	Si
5029 Prosp.A	Verticale	SLU 3	58.8784	138.32	118.0281	277.28	2.0046	Si
5593 Prosp.A	Verticale	SLV 1	57.8568	266.38	116.0055	534.11	2.005	Si

Verifiche a flessione SLD Resistenza D.M. 17-01-18 §4.1.2.3.4.2

La struttura è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
6175 Prosp.A	Verticale	SLD 1	20.8982	163.7	24.6177	192.83	1.178	Si
6348 Prosp.A	Verticale	SLD 7	-43.56	26.35	-58.8112	35.58	1.3501	Si
6170 Prosp.A	Verticale	SLD 5	14.6219	154	20.3257	214.08	1.3901	Si
5652 Prosp.A	Verticale	SLD 7	-101.9095	72.01	-143.6856	101.53	1.4099	Si
5958 Prosp.A	Verticale	SLD 7	-101.7955	59.9	-146.6525	86.29	1.4407	Si
6230 Prosp.A	Verticale	SLD 1	19.6528	115.63	29.124	171.36	1.4819	Si
5332 Prosp.A	Verticale	SLD 7	-95.6028	71.07	-142.738	106.11	1.493	Si
5876 Prosp.A	Verticale	SLD 1	-68.4983	187.05	-104.4121	285.12	1.5243	Si
5087 Prosp.A	Verticale	SLD 7	-89.2031	75.26	-140.1957	118.29	1.5716	Si
5561 Prosp.A	Verticale	SLD 1	-67.9159	165.65	-108.7924	265.36	1.6019	Si
6343 Prosp.A	Verticale	SLD 7	-34.3767	28.87	-56.3319	47.31	1.6387	Si
5890 Prosp.A	Verticale	SLD 1	40.0973	279.06	66.0591	459.74	1.6475	Si
6143 Prosp.A	Verticale	SLD 1	-36.8845	107.01	-61.1661	177.46	1.6583	Si
4817 Prosp.A	Verticale	SLD 7	-82.2646	80.49	-136.9065	133.95	1.6642	Si
5650 Prosp.A	Verticale	SLD 7	-80.7691	66.27	-140.779	115.5	1.743	Si
5583 Prosp.A	Verticale	SLD 1	43.3432	234.61	76.1157	412	1.7561	Si
5881 Prosp.A	Verticale	SLD 1	-45.6224	221.48	-80.6858	391.7	1.7686	Si
5246 Prosp.A	Verticale	SLD 1	-63.6086	140.33	-112.5218	248.24	1.769	Si
5886 Prosp.A	Verticale	SLD 1	-38.936	248.83	-69.3724	443.34	1.7817	Si
5956 Prosp.A	Verticale	SLD 7	-80.697	55.54	-144.0024	99.12	1.7845	Si
4548 Prosp.A	Verticale	SLD 7	-73.7532	84.42	-133.0492	152.3	1.804	Si
5570 Prosp.A	Verticale	SLD 1	-49.7316	192.32	-90.2854	349.14	1.8155	Si
5330 Prosp.A	Verticale	SLD 7	-75.8954	70.75	-138.0209	128.66	1.8186	Si
5268 Prosp.A	Verticale	SLD 1	52.0928	177.9	95.4523	325.98	1.8324	Si
5270 Prosp.A	Verticale	SLD 1	52.6687	175.22	96.5278	321.14	1.8327	Si
5272 Prosp.A	Verticale	SLD 1	51.9363	172.09	96.6889	320.38	1.8617	Si
5266 Prosp.A	Verticale	SLD 1	49.6832	179.62	93.095	336.56	1.8738	Si
6159 Prosp.A	Verticale	SLD 1	-20.9676	145.36	-39.7256	275.4	1.8946	Si
6151 Prosp.A	Verticale	SLD 1	-24.3766	128.61	-46.242	243.98	1.897	Si
5274 Prosp.A	Verticale	SLD 1	50.2853	168.65	96.1962	322.63	1.913	Si
5085 Prosp.A	Verticale	SLD 7	-69.9947	74.57	-134.8628	143.68	1.9268	Si
5579 Prosp.A	Verticale	SLD 1	-39.2493	213.3	-75.9486	412.75	1.935	Si
5256 Prosp.A	Verticale	SLD 1	-51.1535	158.64	-99.3863	308.23	1.9429	Si
5888 Prosp.A	Verticale	SLD 5	28.5086	262.24	55.6047	511.49	1.9505	Si
6170 Prosp.A	Verticale	SLD 1	-16.8943	157.38	-33.0894	308.25	1.9586	Si
5264 Prosp.A	Verticale	SLD 1	45.1839	179.67	89.1144	354.36	1.9723	Si
5000 Prosp.A	Verticale	SLD 1	-58.6543	117.26	-116.0352	231.98	1.9783	Si
6330 Prosp.A	Verticale	SLD 3	-28.9336	21.43	-57.354	42.47	1.9823	Si
5276 Prosp.A	Verticale	SLD 1	47.9876	164.76	95.2302	326.96	1.9845	Si
4266 Prosp.A	Verticale	SLD 7	-62.6949	83.44	-128.9575	171.64	2.0569	Si
4815 Prosp.A	Verticale	SLD 7	-63.3397	79.61	-130.5505	164.09	2.0611	Si
5581 Prosp.A	Verticale	SLD 5	31.9831	221.38	66.27	458.7	2.072	Si
5912 Prosp.A	Verticale	SLD 3	35.9594	201.75	74.6181	418.65	2.0751	Si
5278 Prosp.A	Verticale	SLD 1	45.2318	160.32	93.9133	332.87	2.0763	Si
5023 Prosp.A	Verticale	SLD 1	51.9199	122.62	110.0071	259.8	2.1188	Si

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
5021 Prosp.A	Verticale	SLD 1	50.6835	127.25	107.6963	270.39	2.1249	Si
5648 Prosp.A	Verticale	SLD 7	-63.2401	65.93	-135.3971	141.15	2.141	Si
5025 Prosp.A	Verticale	SLD 1	51.5209	119.18	110.7837	256.26	2.1503	Si
5585 Prosp.A	Verticale	SLD 1	48.6505	236.74	105.1445	511.64	2.1612	Si
5262 Prosp.A	Verticale	SLD 1	38.0061	177.97	82.2157	384.99	2.1632	Si
5954 Prosp.A	Verticale	SLD 7	-63.4731	57.45	-138.5356	125.38	2.1826	Si
5280 Prosp.A	Verticale	SLD 1	42.153	155.32	92.3015	340.09	2.1897	Si
5008 Prosp.A	Verticale	SLD 1	-48.0422	128.63	-105.2243	281.74	2.1902	Si
5019 Prosp.A	Verticale	SLD 1	47.1174	131.98	103.4532	289.78	2.1956	Si
5866 Prosp.A	Verticale	SLD 1	-130.9829	77.13	-288.4817	169.87	2.2024	Si
5027 Prosp.A	Verticale	SLD 1	50.043	117.03	110.3772	258.12	2.2056	Si
5328 Prosp.A	Verticale	SLD 7	-59.3536	71.02	-131.883	157.81	2.222	Si
5589 Prosp.A	Verticale	SLD 1	53.5201	234.09	119.0189	520.57	2.2238	Si
5260 Prosp.A	Verticale	SLD 1	-37.2086	171.43	-82.9027	381.96	2.2281	Si
5587 Prosp.A	Verticale	SLD 1	52.1338	236.5	116.8733	530.19	2.2418	Si
5591 Prosp.A	Verticale	SLD 1	53.4532	229.66	120.0641	515.86	2.2462	Si
4546 Prosp.A	Verticale	SLD 7	-55.92	83.4	-125.6094	187.35	2.2462	Si
5605 Prosp.A	Verticale	SLD 3	35.0616	177.09	79.0218	399.13	2.2538	Si
2178 Prosp.A	Orizzontale	SLD 1	-79.2909	-46.82	-178.9412	-105.65	2.2568	Si
2117 Prosp.A	Orizzontale	SLD 1	-79.5013	-48.17	-179.5561	-108.8	2.2585	Si
5550 Prosp.A	Verticale	SLD 3	-126.711	80.86	-286.2635	182.69	2.2592	Si
4735 Prosp.A	Verticale	SLD 3	-53.2426	92.93	-120.6497	210.58	2.266	Si
2239 Prosp.A	Orizzontale	SLD 1	-78.4625	-45.59	-178.5707	-103.77	2.2759	Si
5029 Prosp.A	Verticale	SLD 1	47.8478	115.54	109.1772	263.63	2.2818	Si
2056 Prosp.A	Orizzontale	SLD 1	-49.0786	-49.66	-180.4405	-113.32	2.2818	Si
5593 Prosp.A	Verticale	SLD 1	52.318	223.88	120.2999	514.8	2.2994	Si
1994 Prosp.A	Orizzontale	SLD 1	-77.9828	-48.08	-179.9863	-110.98	2.308	Si
2300 Prosp.A	Orizzontale	SLD 1	-77.0303	-44.52	-178.4435	-103.14	2.3165	Si
5282 Prosp.A	Verticale	SLD 3	38.7624	150.54	90.1022	349.93	2.3245	Si
5083 Prosp.A	Verticale	SLD 3	-58.8808	57.43	-136.9775	133.61	2.3264	Si
1933 Prosp.A	Orizzontale	SLD 1	-76.1564	-43.35	-178.0969	-101.37	2.3386	Si
5017 Prosp.A	Verticale	SLD 1	41.7048	132.99	98.2582	313.34	2.356	Si
6180 Prosp.A	Verticale	SLD 1	24.0763	165.55	57.0792	392.48	2.3708	Si
5595 Prosp.A	Verticale	SLD 1	50.4069	217.17	119.9009	516.58	2.3787	Si
5031 Prosp.A	Verticale	SLD 1	45.1611	114.08	107.4645	271.46	2.3796	Si
2361 Prosp.A	Orizzontale	SLD 1	-75.0075	-43.64	-178.5939	-103.91	2.381	Si
5916 Prosp.A	Verticale	SLD 3	29.3369	181.88	70.5602	437.45	2.4052	Si
1872 Prosp.A	Orizzontale	SLD 1	-73.7124	-42.02	-178.1315	-101.55	2.4166	Si
4749 Prosp.A	Verticale	SLD 1	49.5506	83.66	121.7272	205.52	2.4566	Si
5229 Prosp.A	Verticale	SLD 3	-116.6695	70.55	-286.8626	173.45	2.4588	Si
4751 Prosp.A	Verticale	SLD 1	51.3968	73.28	126.9596	181.01	2.4702	Si
4813 Prosp.A	Verticale	SLD 3	-53.9107	61.13	-133.2907	151.13	2.4724	Si
2422 Prosp.A	Orizzontale	SLD 1	-72.4052	-43	-179.0803	-106.36	2.4733	Si
5284 Prosp.A	Verticale	SLD 3	35.3577	145.61	87.6401	360.91	2.4787	Si
6072 Prosp.A	Verticale	SLD 1	-70.4458	36.12	-174.6664	89.55	2.4791	Si
5597 Prosp.A	Verticale	SLD 1	47.935	209.74	118.994	520.65	2.4824	Si
5892 Prosp.A	Verticale	SLD 1	45.825	282.44	114.0211	702.76	2.4882	Si
5033 Prosp.A	Verticale	SLD 3	41.9802	113.21	104.9367	282.99	2.4997	Si
1811 Prosp.A	Orizzontale	SLD 1	-71.4797	-44.18	-180.0445	-111.27	2.5188	Si
6325 Prosp.A	Verticale	SLD 7	-19.1589	33.7	-48.2689	84.91	2.5194	Si
3326 Prosp.A	Verticale	SLD 11	-56.7678	41.1	-143.2389	103.72	2.5232	Si
5932 Prosp.A	Verticale	SLD 3	43.4757	103.34	109.7098	260.78	2.5235	Si
5934 Prosp.A	Verticale	SLD 3	44.9875	96.14	113.6081	242.78	2.5253	Si
5868 Prosp.A	Verticale	SLD 1	-105.7402	108.73	-267.6197	275.2	2.5309	Si
5930 Prosp.A	Verticale	SLD 3	41.5254	110.95	105.2544	281.22	2.5347	Si

Verifiche a taglio SLU D.M. 17-01-18 §4.1.2.3.5

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
1994 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	92.07	-49.53	-95.8883	185.14	1120.42	0	185.14	2.5	0.0010053	2.0108	Si
2056 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	91.9	-47.54	-97.6284	184.88	1120.15	0	184.88	2.5	0.0010053	2.0118	Si
1933 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	92.02	-51.89	-93.4925	185.45	1120.74	0	185.45	2.5	0.0010053	2.0153	Si
2117 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	91.5	-45.88	-98.7308	184.67	1119.93	0	184.67	2.5	0.0010053	2.0182	Si
1872 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	91.76	-54.64	-90.418	185.81	1121.11	0	185.81	2.5	0.0010053	2.025	Si
2178 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	90.84	-44.55	-99.2072	184.49	1119.75	0	184.49	2.5	0.0010053	2.0309	Si
1811 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	91.27	-57.81	-87.0556	186.23	1121.54	0	186.23	2.5	0.0010053	2.0403	Si
2239 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	89.89	-43.53	-99.0607	184.36	1119.61	0	184.36	2.5	0.0010053	2.0508	Si
1750 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	90.56	-61.4	-85.1454	186.7	1122.02	0	186.7	2.5	0.0010053	2.0616	Si
2300 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	88.61	-42.79	-98.2842	184.26	1119.51	0	184.26	2.5	0.0010053	2.0794	Si
1689 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	89.61	-65.44	-84.6119	187.22	1122.57	0	187.22	2.5	0.0010053	2.0893	Si
2361 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	86.93	-42.34	-96.859	184.2	1119.45	0	184.2	2.5	0.0010053	2.1191	Si
1628 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	88.41	-69.9	-83.9008	187.81	1123.17	0	187.81	2.5	0.0010053	2.1243	Si
3385 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	92.07	-49.9	-55.3523	195.9	1120.47	0	195.9	2.5	0.0015082	2.1276	Si
3387 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	91.9	-48.07	-57.3928	195.66	1120.22	0	195.66	2.5	0.0015082	2.129	Si
3383 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	92.02	-52.08	-52.7722	196.18	1120.76	0	196.18	2.5	0.0015082	2.1319	Si
3389 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	91.5	-46.56	-58.9166	195.46	1120.02	0	195.46	2.5	0.0015082	2.1362	Si
3381 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	91.76	-54.62	-49.6292	196.51	1121.11	0	196.51	2.5	0.0015082	2.1417	Si
3391 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	90.84	-45.36	-59.9445	195.3	1119.85	0	195.3	2.5	0.0015082	2.1499	Si
3379 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	91.27	-57.55	-46.9533	196.9	1121.5	0	196.9	2.5	0.0015082	2.1572	Si
1567 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	86.95	-74.76	-82.8907	188.44	1123.83	0	188.44	2.5	0.0010053	2.1672	Si

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
3393 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	89.89	-44.44	-60.494	195.18	1119.73	0	195.18	2.5	0.0015082	2.1712	Si
2422 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	84.75	-42.16	-94.7532	184.18	1119.42	0	184.18	2.5	0.0010053	2.1732	Si
3377 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	90.56	-60.9	-46.248	197.33	1121.96	0	197.33	2.5	0.0015082	2.179	Si
3395 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	88.61	-43.8	-60.5782	195.1	1119.64	0	195.1	2.5	0.0015082	2.2017	Si
3375 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	89.61	-64.65	-46.6085	197.83	1122.46	0	197.83	2.5	0.0015082	2.2077	Si
1506 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	85.25	-79.93	-81.6461	189.12	1124.53	0	189.12	2.5	0.0010053	2.2185	Si
4456 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 1	95.5	102.14	-95.9452	211.95	1154.59	101.27	211.95	2.5	0.0020106	2.2193	Si
4448 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 1	95.24	110.05	-136.9495	211.95	1154.59	101.27	211.95	2.5	0.0020106	2.2255	Si
4186 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 1	95	89.43	-84.2791	211.95	1154.59	101.27	211.95	2.5	0.0020106	2.2311	Si
4184 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 1	94.78	103.36	-123.6288	211.95	1154.59	101.27	211.95	2.5	0.0020106	2.2362	Si
3605 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 1	87.91	65.97	-71.9467	196.76	1154.59	101.27	196.76	2.5	0.0016085	2.2381	Si
3601 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 1	87.85	87.79	-106.4782	196.76	1154.59	101.27	196.76	2.5	0.0016085	2.2398	Si
3373 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	88.41	-68.82	-46.7233	198.37	1123.03	0	198.37	2.5	0.0015082	2.2438	Si
3397 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	86.93	-43.44	-60.205	195.05	1119.6	0	195.05	2.5	0.0015082	2.2439	Si
2483 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	81.97	-42.22	-91.9204	184.19	1119.43	0	184.19	2.5	0.0010053	2.2469	Si
1445 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	83.3	-85.3	-80.2292	189.82	1125.26	0	189.82	2.5	0.0010053	2.2789	Si
3371 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	86.95	-73.36	-46.6491	198.97	1123.64	0	198.97	2.5	0.0015082	2.2882	Si
5866 Prosp.A	Verticale	0.452	0.962	Non necessaria	0	SLU 3	90.21	108.34	-177.274	206.48	1110.18	97.37	206.48	2.5	0.0020106	2.2889	Si
5868 Prosp.A	Verticale	0.452	0.959	Non necessaria	0	SLU 3	89.79	111.28	-137.2493	206.15	1107.52	97.14	206.15	2.5	0.0020106	2.2959	Si
4719 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 4	92.14	107.71	-107.0132	211.95	1154.59	101.27	211.95	2.5	0.0020106	2.3002	Si
3399 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	84.75	-43.34	-59.3768	195.04	1119.58	0	195.04	2.5	0.0015082	2.3013	Si
4713 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 1	91.91	108.55	-147.4177	211.95	1154.59	101.27	211.95	2.5	0.0020106	2.306	Si
3369 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	85.25	-78.22	-46.4415	199.6	1124.3	0	199.6	2.5	0.0015082	2.3415	Si
1384 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	81.15	-90.6	-78.6921	190.51	1125.98	0	190.51	2.5	0.0010053	2.3476	Si
2544 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	78.45	-42.53	-88.2972	184.23	1119.47	0	184.23	2.5	0.0010053	2.3483	Si
5550 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 4	89.87	115.79	-175.6538	211.95	1154.59	101.27	211.95	2.5	0.0020106	2.3584	Si
5555 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 4	89.74	125.79	-135.8637	211.95	1154.59	101.27	211.95	2.5	0.0020106	2.3619	Si
6072 Prosp.A	Verticale	0.452	0.5	Non necessaria	0	SLU 3	47.33	51.65	-94.1507	112.61	577.29	50.63	112.61	2.5	0.0012064	2.3794	Si
3401 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	81.97	-43.52	-58.0898	195.06	1119.61	0	195.06	2.5	0.0015082	2.3796	Si
6127 Prosp.A	Verticale	0.452	0.5	Non necessaria	0	SLU 3	47.24	50.1	-73.3117	112.61	577.29	50.63	112.61	2.5	0.0012064	2.384	Si
3367 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	83.3	-83.23	-46.1463	200.26	1124.98	0	200.26	2.5	0.0015082	2.4042	Si
4972 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 4	87.9	108.85	-117.4651	211.95	1154.59	101.27	211.95	2.5	0.0020106	2.4112	Si
4954 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 4	87.76	105.27	-156.514	211.95	1154.59	101.27	211.95	2.5	0.0020106	2.415	Si
1323 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	78.87	-95.51	-77.0552	191.16	1126.64	0	191.16	2.5	0.0010053	2.4237	Si
896 Prosp.A	Verticale	0.452	0.5	Non necessaria	0	SLU 1	47.53	-174.89	54.7811	115.33	601.83	50.63	115.33	2.5	0.0004021	2.4266	Si
3365 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	81.15	-88.24	-45.79	198.74	1125.66	0	198.74	2.5	0.0014568	2.449	Si
5229 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 4	86.11	104.25	-165.7063	211.68	1154.59	101.27	211.68	2.5	0.0020029	2.4581	Si
5234 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 4	86.12	112.92	-127.3061	211.95	1154.59	101.27	211.95	2.5	0.0020106	2.461	Si
3403 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	78.45	-43.94	-56.334	195.12	1119.66	0	195.12	2.5	0.0015082	2.4871	Si
2605 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	74	-43.02	-83.8001	184.29	1119.54	0	184.29	2.5	0.0010053	2.4904	Si
1262 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	76.56	-99.48	-75.2586	191.68	1127.18	0	191.68	2.5	0.000976	2.5035	Si
746 Prosp.A	Orizzontale	0.434	0.5	Non necessaria	0	SLU 3	-51.41	-305.37	1.1254	128.72	594.96	0	128.72	2.5	0.0006032	2.5037	Si
3326 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 1	72.98	61.46	-85.3898	183.22	1154.59	101.27	183.22	2.5	0.0010053	2.5106	Si
3328 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 1	72.86	36.59	-59.035	183.22	1154.59	101.27	183.22	2.5	0.0011424	2.5147	Si
3363 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	78.87	-92.87	-45.3564	201.52	1126.28	0	201.52	2.5	0.0015082	2.555	Si
1201 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 2	74.47	-102.03	-73.2026	192.01	1127.52	0	192.01	2.5	0.0010053	2.5785	Si
3361 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	76.56	-96.75	-44.7654	198.62	1126.81	0	198.62	2.5	0.0014283	2.5942	Si
4548 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 3	-70.19	92.31	-97.869	183.22	1154.59	101.27	183.22	2.5	0.0010053	2.6105	Si
4546 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 3	-70.19	90.37	-67.3372	183.22	1154.59	101.27	183.22	2.5	0.0010053	2.6105	Si
4266 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 3	-69.72	98.2	-86.3421	183.22	1154.59	101.27	183.22	2.5	0.0010053	2.6281	Si
4264 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 3	-69.72	96.01	-57.7125	183.22	1154.59	101.27	183.22	2.5	0.0010053	2.6281	Si

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
3405 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	74	-44.6	-54.0926	195.2	1119.75	0	195.2	2.5	0.0015082	2.6379	Si
1140 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 2	71.69	-103.43	-69.9923	192.19	1127.71	0	192.19	2.5	0.0010081	2.6808	Si
2666 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	68.37	-43.67	-78.32	184.38	1119.63	0	184.38	2.5	0.0010053	2.6968	Si
6348 Prosp.A	Verticale	0.452	0.5	Non necessaria	0	SLV 7	-33.88	46.1	-50.0488	91.61	577.29	50.63	91.61	2.5	0.0004021	2.7039	Si
3650 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	68.07	-44.33	-25.8313	184.46	1119.72	0	184.46	2.5	0.0010053	2.71	Si
3652 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	67.88	-42.72	-28.3286	184.25	1119.5	0	184.25	2.5	0.0010053	2.7143	Si
3648 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	68.04	-46.26	-22.8218	184.71	1119.98	0	184.71	2.5	0.0010053	2.715	Si
3359 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 2	74.47	-99.53	-43.8467	202.39	1127.18	0	202.39	2.5	0.0015082	2.7178	Si
4815 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 3	-67.39	81.73	-75.3732	183.22	1154.59	101.27	183.22	2.5	0.0010053	2.719	Si
4817 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 3	-67.39	83.55	-105.7412	183.22	1154.59	101.27	183.22	2.5	0.0010053	2.719	Si
3654 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	67.47	-41.4	-30.4294	184.08	1119.32	0	184.08	2.5	0.0010053	2.7284	Si
3646 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	67.79	-48.5	-19.3318	185.01	1120.28	0	185.01	2.5	0.0010053	2.7289	Si
1079 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	70.16	-107.47	-65.5022	192.72	1128.26	0	192.72	2.5	0.0010053	2.7467	Si
3644 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	67.35	-51.09	-17.6115	185.35	1120.63	0	185.35	2.5	0.0010053	2.7521	Si
3656 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	66.8	-40.36	-32.1619	183.94	1119.18	0	183.94	2.5	0.0010053	2.7536	Si
4469 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 1	75.86	99.98	-70.3916	209.54	1154.59	101.27	209.54	2.5	0.001943	2.7622	Si
5558 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 4	76.49	153.11	-105.0808	211.95	1154.59	101.27	211.95	2.5	0.0020106	2.7709	Si
4730 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 1	76.28	117.45	-79.5792	211.95	1154.59	101.27	211.95	2.5	0.0020106	2.7785	Si
5240 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 4	76.11	140.43	-97.3205	211.95	1154.59	101.27	211.95	2.5	0.0020106	2.7847	Si
3642 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	66.69	-54.03	-18.6378	185.73	1121.03	0	185.73	2.5	0.0010053	2.7851	Si
5873 Prosp.A	Verticale	0.452	0.957	Non necessaria	0	SLU 4	73.88	153.89	-107.1568	205.82	1104.85	96.91	205.82	2.5	0.0020106	2.786	Si
4989 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 4	75.97	128.51	-88.7588	211.95	1154.59	101.27	211.95	2.5	0.0020106	2.7899	Si
5956 Prosp.A	Verticale	0.452	0.95	Non necessaria	0	SLV 7	-62.39	91.17	-92.5683	174.06	1096.86	96.2	174.06	2.5	0.0010053	2.79	Si
5958 Prosp.A	Verticale	0.452	0.95	Non necessaria	0	SLV 7	-62.39	96.37	-120.4826	174.06	1096.86	96.2	174.06	2.5	0.0010053	2.79	Si
3658 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	65.85	-39.58	-33.5548	183.84	1119.07	0	183.84	2.5	0.0010053	2.7918	Si
6143 Prosp.A	Verticale	0.452	0.5	Non necessaria	0	SLU 4	32.44	108.29	-44.643	91.61	577.29	50.63	91.61	2.5	0.0006032	2.8236	Si
3357 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 2	71.69	-102.16	-21.8653	202.76	1127.54	0	202.76	2.5	0.0015088	2.8281	Si
3640 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	65.81	-57.34	-20.0759	186.16	1121.48	0	186.16	2.5	0.0010053	2.8287	Si

Verifiche a taglio SLD Resistenza D.M. 17-01-18 §4.1.2.3.5

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
746 Prosp.A	Orizzontale	0.434	0.5	Non necessaria	0	SLD 1	-43.31	-257.61	0.6212	122.51	588.54	0	122.51	2.5	0.0006032	2.8284	Si
896 Prosp.A	Verticale	0.452	0.5	Non necessaria	0	SLD 7	36.32	-129.34	38.6461	109.15	595.44	50.63	109.15	2.5	0.0004021	3.0052	Si
6072 Prosp.A	Verticale	0.452	0.5	Non necessaria	0	SLD 1	36.62	36.12	-70.4558	112.61	577.29	50.63	112.61	2.5	0.0012064	3.0756	Si
6127 Prosp.A	Verticale	0.452	0.5	Non necessaria	0	SLD 1	36.53	35.11	-54.9676	112.61	577.29	50.63	112.61	2.5	0.0012064	3.0824	Si
5866 Prosp.A	Verticale	0.452	0.962	Non necessaria	0	SLD 1	66.57	77.13	-130.9829	206.48	1110.18	97.37	206.48	2.5	0.0020106	3.1015	Si
3601 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 15	63.43	54.45	-70.5001	196.76	1154.59	101.27	196.76	2.5	0.0016085	3.102	Si
5868 Prosp.A	Verticale	0.452	0.959	Non necessaria	0	SLD 1	66.24	79.74	-102.7369	206.15	1107.52	97.14	206.15	2.5	0.0020106	3.1122	Si
3605 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 15	63.17	40.95	-46.2353	196.76	1154.59	101.27	196.76	2.5	0.0016085	3.1149	Si
4184 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 15	67.8	66.04	-81.7194	211.95	1154.59	101.27	211.95	2.5	0.0020106	3.1261	Si
4186 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 15	67.67	57.77	-52.8201	211.95	1154.59	101.27	211.95	2.5	0.0020106	3.132	Si
4448 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 15	67.55	72.21	-90.217	211.95	1154.59	101.27	211.95	2.5	0.0020106	3.1375	Si
4456 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 15	67.53	67.39	-58.9007	211.95	1154.59	101.27	211.95	2.5	0.0020106	3.1387	Si
2117 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	57.52	-28.66	-45.2045	182.41	1117.59	0	182.41	2.5	0.0010053	3.1712	Si
2178 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	57.49	-28.52	-46.0777	182.4	1117.58	0	182.4	2.5	0.0010053	3.1729	Si
2056 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	57.48	-29.16	-44.1487	182.48	1117.66	0	182.48	2.5	0.0010053	3.1745	Si
4713 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 15	66.75	72.13	-96.1008	211.95	1154.59	101.27	211.95	2.5	0.0020106	3.1755	Si
4719 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 15	66.72	71.38	-64.4392	211.95	1154.59	101.27	211.95	2.5	0.0020106	3.1767	Si
2239 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	57.36	-28.71	-46.7739	182.42	1117.6	0	182.42	2.5	0.0010053	3.1803	Si
1994 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	57.38	-33.27	-42.8728	183.02	1118.22	0	183.02	2.5	0.0010053	3.1893	Si
2300 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	57.09	-29.17	-47.2908	182.48	1117.66	0	182.48	2.5	0.0010053	3.1961	Si
1933 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	57.23	-41.08	-41.4572	184.04	1119.28	0	184.04	2.5	0.0010053	3.2155	Si

Vano di equalizzazione e sedimentazione meccanica

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrzd	VRd	cotg(θ)	Asl	c.s.	Verifica
4546 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 11	-56.9	82.64	-47.8716	183.22	1154.59	101.27	183.22	2.5	0.0010053	3.2203	Si
4548 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 11	-56.9	84.57	-72.3101	183.22	1154.59	101.27	183.22	2.5	0.0010053	3.2203	Si
6348 Prosp.A	Verticale	0.452	0.5	Non necessaria	0	SLD 7	-28.43	22.56	-42.1297	91.61	577.29	50.63	91.61	2.5	0.0004021	3.2228	Si
2361 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	56.63	-29.81	-47.6154	182.56	1117.75	0	182.56	2.5	0.0010053	3.2236	Si
1872 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	57.03	-46.06	-39.73	184.69	1119.95	0	184.69	2.5	0.0010053	3.2382	Si
1811 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	56.78	-48.21	-37.661	184.97	1120.24	0	184.97	2.5	0.0010053	3.2576	Si
2422 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	55.93	-30.55	-47.7223	182.66	1117.85	0	182.66	2.5	0.0010053	3.2658	Si
1750 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	56.47	-50.65	-35.7661	185.29	1120.57	0	185.29	2.5	0.0010053	3.2811	Si
4266 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 11	-55.78	83.4	-62.0316	183.22	1154.59	101.27	183.22	2.5	0.0010053	3.2847	Si
4264 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 11	-55.78	82.46	-39.7539	183.22	1154.59	101.27	183.22	2.5	0.0010053	3.2847	Si
5958 Prosp.A	Verticale	0.452	0.95	Non necessaria	0	SLD 7	-52.8	59.9	-101.7955	174.06	1096.86	96.2	174.06	2.5	0.0010053	3.2966	Si
5956 Prosp.A	Verticale	0.452	0.95	Non necessaria	0	SLD 7	-52.8	53.56	-78.2103	174.06	1096.86	96.2	174.06	2.5	0.0010053	3.2966	Si
1689 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	56.09	-53.36	-34.8314	185.64	1120.94	0	185.64	2.5	0.0010053	3.3096	Si
4815 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 11	-55.28	78.86	-54.9226	183.22	1154.59	101.27	183.22	2.5	0.0010053	3.3141	Si
4817 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 11	-55.28	80.62	-79.7306	183.22	1154.59	101.27	183.22	2.5	0.0010053	3.3141	Si
4972 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 15	63.71	71.76	-69.5659	211.95	1154.59	101.27	211.95	2.5	0.0020106	3.3269	Si
4954 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 15	63.69	69.63	-100.0143	211.95	1154.59	101.27	211.95	2.5	0.0020106	3.3278	Si
2483 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	54.89	-31.25	-47.5706	182.75	1117.94	0	182.75	2.5	0.0010053	3.3292	Si
1628 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	55.64	-56.31	-34.6342	186.03	1121.34	0	186.03	2.5	0.0010053	3.3435	Si
3389 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	57.52	-29.68	-19.6497	193.25	1117.73	0	193.25	2.5	0.0015082	3.3596	Si
3391 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	57.49	-29.6	-20.65	193.24	1117.72	0	193.24	2.5	0.0015082	3.3615	Si
3387 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	57.48	-33.02	-18.5141	193.69	1118.18	0	193.69	2.5	0.0015082	3.3695	Si
3393 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	57.36	-29.83	-21.5319	193.27	1117.75	0	193.27	2.5	0.0015082	3.3695	Si
1567 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	55.08	-53.55	-34.7571	185.67	1120.96	0	185.67	2.5	0.0010053	3.3709	Si
3385 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	57.38	-36.86	-17.1952	194.19	1118.7	0	194.19	2.5	0.0015082	3.384	Si
3395 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	57.09	-30.32	-22.3085	193.33	1117.82	0	193.33	2.5	0.0015082	3.3863	Si
3383 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	57.23	-41.17	-15.8016	194.75	1119.29	0	194.75	2.5	0.0015082	3.4028	Si
1506 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	54.5	-51.97	-34.718	185.46	1120.75	0	185.46	2.5	0.0010053	3.403	Si
3397 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	56.63	-30.99	-22.9872	193.42	1117.91	0	193.42	2.5	0.0015082	3.4153	Si
2544 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	53.41	-31.79	-47.1	182.82	1118.02	0	182.82	2.5	0.0010053	3.4232	Si
3381 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	57.03	-45.8	-14.1323	195.36	1119.91	0	195.36	2.5	0.0015082	3.4253	Si
3379 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	56.78	-47.78	-12.1168	195.62	1120.18	0	195.62	2.5	0.0015082	3.4451	Si
1445 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	53.82	-56.28	-34.7779	186.03	1121.33	0	186.03	2.5	0.0010053	3.4563	Si
3399 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	55.93	-31.73	-23.569	193.52	1118.01	0	193.52	2.5	0.0015082	3.46	Si
5550 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 5	61.15	80.55	-118.7757	211.95	1154.59	101.27	211.95	2.5	0.0020106	3.4661	Si
3377 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	56.47	-50.02	-10.842	195.91	1120.49	0	195.91	2.5	0.0015082	3.4692	Si
5555 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 5	61.05	88.91	-92.6275	211.95	1154.59	101.27	211.95	2.5	0.0020106	3.4715	Si
5085 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 11	-52.6	73.45	-61.0499	183.22	1154.59	101.27	183.22	2.5	0.0010053	3.483	Si
5087 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 11	-52.6	75.12	-85.2969	183.22	1154.59	101.27	183.22	2.5	0.0010053	3.483	Si
5229 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 15	60.72	67.66	-103.0224	211.68	1154.59	101.27	211.68	2.5	0.0020029	3.4859	Si
5234 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 15	60.75	73.16	-74.3183	211.95	1154.59	101.27	211.95	2.5	0.0020106	3.4891	Si
3375 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	56.09	-52.52	-10.6522	196.24	1120.82	0	196.24	2.5	0.0015082	3.4985	Si
5650 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 7	-52.14	68.99	-78.3278	183.22	1154.59	101.27	183.22	2.5	0.0010053	3.5143	Si
5652 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 7	-52.14	72.01	-101.9095	183.22	1154.59	101.27	183.22	2.5	0.0010053	3.5143	Si
1384 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	53.06	-60.56	-34.9666	186.59	1121.91	0	186.59	2.5	0.0010053	3.5162	Si
3401 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	54.89	-32.44	-24.0359	193.61	1118.11	0	193.61	2.5	0.0015082	3.5271	Si
3373 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	55.64	-55.29	-10.7906	196.6	1121.2	0	196.6	2.5	0.0015082	3.5335	Si
2605 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	51.32	-32.12	-46.2252	182.87	1118.06	0	182.87	2.5	0.0010053	3.5635	Si
3371 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	55.08	-57.69	-11.2537	196.91	1121.52	0	196.91	2.5	0.0015082	3.5751	Si
1323 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	52.3	-64.49	-35.2883	187.1	1122.44	0	187.1	2.5	0.0010053	3.5777	Si
3369 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	54.5	-56.21	-11.6152	196.72	1121.32	0	196.72	2.5	0.0015082	3.6096	Si

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
5330 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 11	-50.74	68.8	-66.3611	183.22	1154.59	101.27	183.22	2.5	0.0010053	3.6109	Si
5332 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 11	-50.74	70.19	-90.0536	183.22	1154.59	101.27	183.22	2.5	0.0010053	3.6109	Si
3326 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 15	50.73	36.05	-56.6619	183.22	1154.59	101.27	183.22	2.5	0.0010053	3.6117	Si
3403 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	53.41	-33.01	-24.3809	193.69	1118.18	0	193.69	2.5	0.0015082	3.6266	Si
1262 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	51.58	-67.53	-35.6825	187.5	1122.85	0	187.5	2.5	0.000976	3.6351	Si
3328 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 15	50.39	20.21	-39.0137	183.22	1154.59	101.27	183.22	2.5	0.0011424	3.6358	Si
3367 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	53.82	-55.29	-12.0951	196.6	1121.2	0	196.6	2.5	0.0015082	3.6528	Si
3365 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	53.06	-59.33	-12.7173	194.95	1121.75	0	194.95	2.5	0.0014568	3.6739	Si
1201 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	51.04	-68.95	-36.0374	187.68	1123.05	0	187.68	2.5	0.0010053	3.6774	Si
3684 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 11	-49.17	72.35	-30.7807	183.22	1154.59	101.27	183.22	2.5	0.0010053	3.726	Si
3686 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 11	-49.17	75.67	-47.4537	183.22	1154.59	101.27	183.22	2.5	0.0010053	3.726	Si
1079 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	50.12	-66.76	-34.8459	187.4	1122.75	0	187.4	2.5	0.0010053	3.739	Si
1140 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	50.12	-68.35	-35.8066	187.61	1122.97	0	187.61	2.5	0.0010081	3.7433	Si
3361 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	51.58	-65.92	10.7959	194.59	1122.64	0	194.59	2.5	0.0014283	3.7726	Si
3405 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	51.32	-33.4	-24.5944	193.74	1118.24	0	193.74	2.5	0.0015082	3.7754	Si
2666 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	48.4	-32.22	-44.8261	182.88	1118.08	0	182.88	2.5	0.0010053	3.7783	Si
3363 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	52.3	-63.02	-5.855	197.61	1122.24	0	197.61	2.5	0.0015082	3.7787	Si
3359 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	51.04	-67.42	22.6327	198.19	1122.84	0	198.19	2.5	0.0015082	3.8832	Si
4730 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 15	54.12	76.56	-43.8458	211.95	1154.59	101.27	211.95	2.5	0.0020106	3.9166	Si
4469 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 15	53.24	64.86	-39.5542	209.54	1154.59	101.27	209.54	2.5	0.001943	3.9358	Si
3357 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	50.12	-67.55	28.1217	198.23	1122.86	0	198.23	2.5	0.0015088	3.9554	Si
3355 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	50.12	-68.92	35.0901	198.38	1123.04	0	198.38	2.5	0.0015082	3.9582	Si
4989 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 15	53.41	83.15	-48.3182	211.95	1154.59	101.27	211.95	2.5	0.0020106	3.9685	Si
5873 Prosp.A	Verticale	0.452	0.957	Non necessaria	0	SLD 1	51.55	119.27	-82.9858	205.82	1104.85	96.91	205.82	2.5	0.0020106	3.9923	Si
957 Prosp.A	Verticale	0.452	0.5	Non necessaria	0	SLD 11	-26.41	-102.18	25.0925	105.47	591.63	50.63	105.47	2.5	0.0004021	3.9937	Si
3407 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	48.4	-33.6	-24.6173	193.76	1118.26	0	193.76	2.5	0.0015082	4.0032	Si
5240 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 13	52.07	91.18	-52.4051	211.95	1154.59	101.27	211.95	2.5	0.0020106	4.0705	Si
3648 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 1	44.96	-35.69	-32.467	183.33	1118.55	0	183.33	2.5	0.0010053	4.0775	Si

Verifiche SLE tensione calcestruzzo D.M. 17-01-18 §4.1.2.2.5.1

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	oc	oc limite	Es/Ec	c.s.	Verifica
6072 Prosp.A	Verticale	SLE QP 2	-64.5038	35.27	No	-2352	13073	15	5.5589	Si
5866 Prosp.A	Verticale	SLE QP 2	-121.4067	74.13	No	-2296	13073	15	5.6947	Si
5550 Prosp.A	Verticale	SLE QP 2	-120.2307	79.31	No	-2193	13073	15	5.9623	Si
896 Prosp.A	Verticale	SLE QP 4	38.8324	-145.42	No	-2186	13073	15	5.9788	Si
5229 Prosp.A	Verticale	SLE QP 2	-113.3108	71.03	No	-2073	13073	15	6.3048	Si
4954 Prosp.A	Verticale	SLE QP 2	-106.9299	71.4	No	-1948	13073	15	6.7093	Si
4713 Prosp.A	Verticale	SLE QP 2	-100.6963	73.36	No	-1824	13073	15	7.1673	Si
6127 Prosp.A	Verticale	SLE QP 2	-50.2068	34.34	No	-1806	13073	15	7.2403	Si
3349 Prosp.A	Verticale	SLE QP 4	65.9044	-158.81	No	-1802	13073	15	7.254	Si
5958 Prosp.A	Verticale	SLE QP 2	-81.7654	23.71	No	-1790	13073	15	7.3021	Si
6072 Prosp.A	Verticale	SLE RA 3	-64.5269	35.25	No	-2353	17430	15	7.4088	Si
5868 Prosp.A	Verticale	SLE QP 2	-96.3049	98.41	No	-1751	13073	15	7.4654	Si
5866 Prosp.A	Verticale	SLE RA 3	-121.4515	74.15	No	-2296	17430	15	7.5901	Si
5652 Prosp.A	Verticale	SLE QP 2	-83.5979	44.41	No	-1711	13073	15	7.6421	Si
4448 Prosp.A	Verticale	SLE QP 2	-93.5218	74.04	No	-1683	13073	15	7.7655	Si
5555 Prosp.A	Verticale	SLE QP 2	-95.279	98.98	No	-1673	13073	15	7.8137	Si
896 Prosp.A	Verticale	SLE RA 7	38.7568	-150.08	No	-2200	17430	15	7.9214	Si
5550 Prosp.A	Verticale	SLE RA 3	-120.2759	79.41	No	-2193	17430	15	7.9472	Si
5332 Prosp.A	Verticale	SLE QP 2	-80.1911	45.94	No	-1635	13073	15	7.9975	Si
5234 Prosp.A	Verticale	SLE QP 2	-89.5363	91.14	No	-1576	13073	15	8.2973	Si
5229 Prosp.A	Verticale	SLE RA 3	-113.3513	71.11	No	-2074	17430	15	8.4038	Si
5087 Prosp.A	Verticale	SLE QP 2	-76.7146	50.68	No	-1551	13073	15	8.4283	Si
4184 Prosp.A	Verticale	SLE QP 2	-84.4497	69.02	No	-1516	13073	15	8.6216	Si
3349 Prosp.A	Orizzontale	SLE QP 2	43.4255	-308.49	No	-1507	13073	15	8.6748	Si
3616 Prosp.A	Orizzontale	SLE QP 2	50.3955	-211.26	No	-1498	13073	15	8.7275	Si
2178 Prosp.A	Orizzontale	SLE QP 1	-64.8822	-36.6	No	-1484	13073	15	8.8064	Si
2239 Prosp.A	Orizzontale	SLE QP 1	-64.7891	-35.98	No	-1481	13073	15	8.8254	Si
2117 Prosp.A	Orizzontale	SLE QP 1	-64.5518	-37.44	No	-1479	13073	15	8.8399	Si
3351 Prosp.A	Orizzontale	SLE QP 2	50.2215	-232.93	No	-1475	13073	15	8.8623	Si
6348 Prosp.A	Verticale	SLE QP 2	-34.7825	2.46	No	-1471	13073	15	8.8883	Si
2300 Prosp.A	Orizzontale	SLE QP 1	-64.2725	-35.58	No	-1469	13073	15	8.8976	Si
2056 Prosp.A	Orizzontale	SLE QP 1	-63.7918	-38.52	No	-1464	13073	15	8.9277	Si
4972 Prosp.A	Verticale	SLE QP 2	-83.0908	83.89	No	-1463	13073	15	8.9334	Si
4954 Prosp.A	Verticale	SLE RA 3	-106.9641	71.46	No	-1949	17430	15	8.9431	Si
4817 Prosp.A	Verticale	SLE QP 2	-72.815	57.03	No	-1455	13073	15	8.9824	Si
2361 Prosp.A	Orizzontale	SLE QP 1	-63.3253	-35.38	No	-1448	13073	15	9.0269	Si
1994 Prosp.A	Orizzontale	SLE QP 1	-62.5913	-39.85	No	-1441	13073	15	9.0745	Si
5956 Prosp.A	Verticale	SLE QP 2	-64.7513	15.12	No	-1425	13073	15	9.1739	Si
2422 Prosp.A	Orizzontale	SLE QP 1	-61.9325	-35.37	No	-1418	13073	15	9.2205	Si
3351 Prosp.A	Verticale	SLE QP 4	48.6183	-160.92	No	-1415	13073	15	9.2359	Si
1933 Prosp.A	Orizzontale	SLE QP 1	-60.9353	-41.45	No	-1407	13073	15	9.2879	Si

Vano di equalizzazione e sedimentazione meccanica

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	oc	oc limite	Es/Ec	c.s.	Verifica
3614 Prosp.A	Orizzontale	SLE QP 2	43.3249	-238.91	No	-1397	13073	15	9.3572	Si
4196 Prosp.A	Orizzontale	SLE QP 2	48.5509	-178.48	No	-1396	13073	15	9.3657	Si
957 Prosp.A	Verticale	SLE QP 4	23.6487	-105.25	No	-1393	13073	15	9.3853	Si
884 Prosp.A	Verticale	SLE QP 4	39.9971	-280.64	No	-1388	13073	15	9.4193	Si
4198 Prosp.A	Orizzontale	SLE QP 2	51.7218	-132.2	No	-1378	13073	15	9.4889	Si
2483 Prosp.A	Orizzontale	SLE QP 1	-60.0698	-35.52	No	-1377	13073	15	9.4906	Si
3618 Prosp.A	Orizzontale	SLE QP 2	51.3289	-133.94	No	-1372	13073	15	9.5254	Si
4713 Prosp.A	Verticale	SLE RA 3	-100.7228	73.4	No	-1824	17430	15	9.5541	Si
1872 Prosp.A	Orizzontale	SLE QP 1	-58.8068	-43.34	No	-1365	13073	15	9.5797	Si
3601 Prosp.A	Verticale	SLE QP 2	-72.8053	58.01	No	-1364	13073	15	9.5858	Si
3349 Prosp.A	Verticale	SLE RA 7	65.659	-164.32	No	-1807	17430	15	9.6438	Si
6127 Prosp.A	Verticale	SLE RA 3	-50.2288	34.33	No	-1806	17430	15	9.6491	Si
5958 Prosp.A	Verticale	SLE RA 3	-82.3296	24.37	No	-1802	17430	15	9.6746	Si
5650 Prosp.A	Verticale	SLE QP 2	-65.5658	31.99	No	-1347	13073	15	9.705	Si
4719 Prosp.A	Verticale	SLE QP 2	-76.3374	79.01	No	-1341	13073	15	9.7487	Si
957 Prosp.A	Orizzontale	SLE QP 4	42.0221	-222.24	No	-1336	13073	15	9.7855	Si
4548 Prosp.A	Verticale	SLE QP 2	-67.4758	63.16	No	-1329	13073	15	9.835	Si
2544 Prosp.A	Orizzontale	SLE QP 1	-57.7023	-35.81	No	-1326	13073	15	9.8562	Si
3616 Prosp.A	Verticale	SLE QP 4	53.6792	-91.15	No	-1324	13073	15	9.8727	Si
1811 Prosp.A	Orizzontale	SLE QP 1	-56.5018	-45.53	No	-1318	13073	15	9.915	Si
6135 Prosp.A	Verticale	SLE QP 2	-39.5842	56.62	No	-1317	13073	15	9.928	Si
5868 Prosp.A	Verticale	SLE RA 3	-96.3461	98.64	No	-1751	17430	15	9.9516	Si
1750 Prosp.A	Orizzontale	SLE QP 1	-55.2393	-48.03	No	-1296	13073	15	10.0897	Si
1689 Prosp.A	Orizzontale	SLE QP 1	-54.9218	-50.85	No	-1294	13073	15	10.1021	Si
4480 Prosp.A	Orizzontale	SLE QP 2	49.0477	-117.44	No	-1291	13073	15	10.122	Si
5652 Prosp.A	Verticale	SLE RA 3	-84.1083	44.85	No	-1721	17430	15	10.1294	Si
1628 Prosp.A	Orizzontale	SLE QP 1	-54.4653	-53.98	No	-1290	13073	15	10.1339	Si
4200 Prosp.A	Orizzontale	SLE QP 2	50.9664	-93.1	No	-1287	13073	15	10.154	Si
1567 Prosp.A	Orizzontale	SLE QP 1	-53.8117	-57.4	No	-1282	13073	15	10.1957	Si
3345 Prosp.A	Verticale	SLE QP 4	42.4681	-196.19	No	-1282	13073	15	10.2002	Si
3345 Prosp.A	Orizzontale	SLE QP 2	34.8337	-273.93	No	-1278	13073	15	10.232	Si
5873 Prosp.A	Verticale	SLE QP 2	-73.4147	107.26	No	-1278	13073	15	10.2323	Si
1506 Prosp.A	Orizzontale	SLE QP 1	-53.0108	-61.03	No	-1272	13073	15	10.2809	Si
5330 Prosp.A	Verticale	SLE QP 2	-62.657	41.72	No	-1266	13073	15	10.3242	Si
4482 Prosp.A	Orizzontale	SLE QP 2	50.277	-88.54	No	-1264	13073	15	10.3438	Si
2605 Prosp.A	Orizzontale	SLE QP 1	-54.7814	-36.19	No	-1263	13073	15	10.3477	Si
4448 Prosp.A	Verticale	SLE RA 3	-93.5388	74.05	No	-1684	17430	15	10.3521	Si
1445 Prosp.A	Orizzontale	SLE QP 1	-52.1106	-64.79	No	-1259	13073	15	10.3832	Si
5555 Prosp.A	Verticale	SLE RA 3	-95.3214	99.22	No	-1673	17430	15	10.4159	Si
3614 Prosp.A	Verticale	SLE QP 4	53.6258	-54.5	No	-1254	13073	15	10.4259	Si
4194 Prosp.A	Orizzontale	SLE QP 2	41.4658	-184.33	No	-1253	13073	15	10.4289	Si
4478 Prosp.A	Orizzontale	SLE QP 2	44.9282	-144.77	No	-1253	13073	15	10.4316	Si
1384 Prosp.A	Orizzontale	SLE QP 2	-51.1444	-68.6	No	-1245	13073	15	10.4991	Si
5332 Prosp.A	Verticale	SLE RA 3	-80.6272	46.24	No	-1643	17430	15	10.6062	Si
1323 Prosp.A	Orizzontale	SLE QP 2	-50.153	-72.01	No	-1230	13073	15	10.6289	Si
5558 Prosp.A	Verticale	SLE QP 2	-74.3462	122.49	No	-1225	13073	15	10.6742	Si
4456 Prosp.A	Verticale	SLE QP 2	-69.3574	69.06	No	-1223	13073	15	10.6872	Si
1262 Prosp.A	Orizzontale	SLE QP 2	-49.0841	-74.71	No	-1215	13073	15	10.7614	Si
3353 Prosp.A	Orizzontale	SLE QP 2	46.6501	-128.73	No	-1211	13073	15	10.7908	Si
3620 Prosp.A	Orizzontale	SLE QP 2	47.4452	-91.43	No	-1207	13073	15	10.8263	Si
4484 Prosp.A	Orizzontale	SLE QP 2	49.1867	-67.92	No	-1201	13073	15	10.8823	Si
1201 Prosp.A	Orizzontale	SLE QP 2	-47.8382	-76.32	No	-1188	13073	15	11.008	Si
2666 Prosp.A	Orizzontale	SLE QP 1	-51.2405	-36.61	No	-1187	13073	15	11.0144	Si
5234 Prosp.A	Verticale	SLE RA 3	-89.5765	91.35	No	-1576	17430	15	11.0602	Si
3326 Prosp.A	Verticale	SLE QP 2	-58.4912	39.8	No	-1180	13073	15	11.0747	Si
3611 Prosp.A	Orizzontale	SLE QP 2	35.1309	-217.57	No	-1178	13073	15	11.0991	Si
5085 Prosp.A	Verticale	SLE QP 2	-58.9969	47.86	No	-1176	13073	15	11.1156	Si
4202 Prosp.A	Orizzontale	SLE QP 2	47.7265	-71.43	No	-1176	13073	15	11.1159	Si
3618 Prosp.A	Verticale	SLE QP 4	46.2756	-93.75	No	-1170	13073	15	11.1721	Si

Verifiche SLE tensione acciaio D.M. 17-01-18 §4.1.2.2.5.2

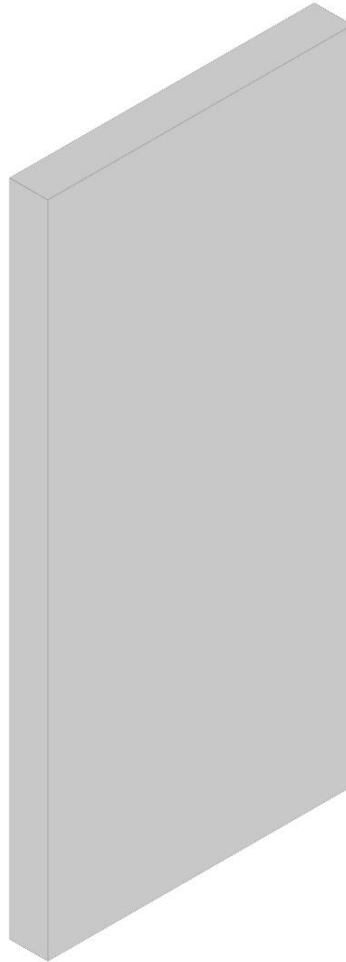
Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	of	of limite	Es/Ec	c.s.	Verifica
5866 Prosp.A	Verticale	SLE RA 3	-121.4515	74.15	No	31549	360000	15	11.4108	Si
6072 Prosp.A	Verticale	SLE RA 3	-64.5269	35.25	No	31316	360000	15	11.4957	Si
5550 Prosp.A	Verticale	SLE RA 3	-120.2759	79.41	No	30425	360000	15	11.8324	Si
5229 Prosp.A	Verticale	SLE RA 3	-113.3513	71.11	No	28590	360000	15	12.5917	Si
4954 Prosp.A	Verticale	SLE RA 3	-106.9641	71.46	No	27080	360000	15	13.2939	Si
6127 Prosp.A	Verticale	SLE RA 3	-51.5458	51.37	No	26223	360000	15	13.7283	Si
5868 Prosp.A	Verticale	SLE RA 3	-96.3461	98.64	No	26182	360000	15	13.7497	Si
4713 Prosp.A	Verticale	SLE RA 3	-100.7228	73.4	No	25664	360000	15	14.0276	Si
5555 Prosp.A	Verticale	SLE RA 3	-95.3214	99.22	No	25084	360000	15	14.3518	Si
4448 Prosp.A	Verticale	SLE RA 3	-93.5388	74.05	No	23991	360000	15	15.0058	Si
5234 Prosp.A	Verticale	SLE RA 3	-89.5765	91.35	No	23522	360000	15	15.3051	Si
5958 Prosp.A	Verticale	SLE RA 7	-82.267	26.4	No	23187	360000	15	15.5257	Si
5652 Prosp.A	Verticale	SLE RA 3	-84.1083	44.85	No	23149	360000	15	15.5512	Si
6135 Prosp.A	Verticale	SLE RA 3	-40.6867	73.11	No	22391	360000	15	16.0777	Si
5332 Prosp.A	Verticale	SLE RA 3	-80.6272	46.24	No	22283	360000	15	16.1557	Si
5873 Prosp.A	Verticale	SLE RA 3	-75.5578	130.99	No	22067	360000	15	16.3143	Si
4972 Prosp.A	Verticale	SLE RA 3	-83.1274	84.04	No	21809	360000	15	16.5073	Si
4184 Prosp.A	Verticale	SLE RA 4	-84.4537	69.01	No	21718	360000	15	16.5758	Si
5087 Prosp.A	Verticale	SLE RA 3	-77.0949	50.92	No	21497	360000	15	16.7468	Si
6143 Prosp.A	Verticale	SLE RA 3	-31.4945	92.26	No	21316	360000	15	16.8891	Si
5558 Prosp.A	Verticale	SLE RA 3	-74.3899	122.91	No	20793	360000	15	17.3134	Si
4817 Prosp.A	Verticale	SLE RA 3	-73.1541	57.26	No	20651	360000	15	17.4328	Si
5876 Prosp.A	Verticale	SLE RA 3	-58.202	162.9	No	20597	360000	15	17.4785	Si
4719 Prosp.A	Verticale	SLE RA 3	-76.3696	79.09	No	20086	360000	15	17.9229	Si
4548 Prosp.A	Verticale	SLE RA 3	-67.7814	63.39	No	19427	360000	15	18.5312	Si
3601 Prosp.A	Verticale	SLE RA 4	-72.807	58	No	19398	360000	15	18.5584	Si
5240 Prosp.A	Verticale	SLE RA 3	-69.41	111.03	No	19304	360000	15	18.6494	Si
5561 Prosp.A	Verticale	SLE RA 3	-57.1636	147.56	No	19046	360000	15	18.9016	Si
6348 Prosp.A	Verticale	SLE RA 7	-34.9858	5.32	No	18722	360000	15	19.2286	Si
6151 Prosp.A	Verticale	SLE RA 3	-23.9428	110.01	No	18414	360000	15	19.5506	Si
5956 Prosp.A	Verticale	SLE RA 7	-65.072	19.55	No	18301	360000	15	19.6709	Si
4456 Prosp.A	Verticale	SLE RA 3	-69.384	69.06	No	18174	360000	15	19.8087	Si
5650 Prosp.A	Verticale	SLE RA 3	-65.9882	32.78	No	18094	360000	15	19.8959	Si
6190 Prosp.A	Verticale	SLE RA 7	22.853	137.59	No	18093	360000	15	19.8969	Si
6185 Prosp.A	Verticale	SLE RA 7	22.1107	140.77	No	17918	360000	15	20.0913	Si
6195 Prosp.A	Verticale	SLE RA 7	22.8541	132.58	No	17824	360000	15	20.198	Si

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	of	of limite	Es/Ec	c.s.	Verifica
4989 Prosp.A	Verticale	SLE RA 3	-63.9484	99.53	No	17711	360000	15	20.3267	Si
5881 Prosp.A	Verticale	SLE RA 3	-44.116	190.82	No	17641	360000	15	20.407	Si
5330 Prosp.A	Verticale	SLE RA 3	-63.0325	42.31	No	17595	360000	15	20.4607	Si
6180 Prosp.A	Verticale	SLE RA 7	20.3785	141.1	No	17511	360000	15	20.559	Si
4266 Prosp.A	Verticale	SLE RA 3	-59.9145	67.71	No	17502	360000	15	20.5686	Si
5896 Prosp.A	Verticale	SLE RA 3	43.989	228.34	No	17477	360000	15	20.5988	Si
5246 Prosp.A	Verticale	SLE RA 3	-53.0876	128.83	No	17456	360000	15	20.6238	Si
6175 Prosp.A	Verticale	SLE RA 7	17.4844	140.65	No	17332	360000	15	20.7712	Si
5894 Prosp.A	Verticale	SLE RA 7	41.9481	240.36	No	17307	360000	15	20.8014	Si
6200 Prosp.A	Verticale	SLE RA 3	22.8512	121.91	No	17246	360000	15	20.8741	Si
5898 Prosp.A	Verticale	SLE RA 3	43.8971	220.09	No	17220	360000	15	20.9062	Si
5892 Prosp.A	Verticale	SLE RA 7	38.9169	241.01	No	16832	360000	15	21.3875	Si
5589 Prosp.A	Verticale	SLE RA 3	45.8939	193.29	No	16802	360000	15	21.4257	Si
5085 Prosp.A	Verticale	SLE RA 3	-59.3258	48.31	No	16800	360000	15	21.4284	Si
5587 Prosp.A	Verticale	SLE RA 3	45.0472	197.77	No	16715	360000	15	21.538	Si
5900 Prosp.A	Verticale	SLE RA 3	42.7795	210.09	No	16657	360000	15	21.6127	Si
5591 Prosp.A	Verticale	SLE RA 3	45.3312	187.05	No	16489	360000	15	21.8327	Si
6205 Prosp.A	Verticale	SLE RA 3	21.9499	115.18	No	16462	360000	15	21.8686	Si
3326 Prosp.A	Verticale	SLE RA 1	-58.4925	39.87	No	16345	360000	15	22.0255	Si
5890 Prosp.A	Verticale	SLE RA 7	33.7243	240.16	No	16315	360000	15	22.0652	Si
5585 Prosp.A	Verticale	SLE RA 3	42.2229	199.36	No	16185	360000	15	22.2426	Si
5268 Prosp.A	Verticale	SLE RA 3	45.5414	151.34	No	16129	360000	15	22.3195	Si
5570 Prosp.A	Verticale	SLE RA 3	-43.4369	168.75	No	16074	360000	15	22.3959	Si
6159 Prosp.A	Verticale	SLE RA 3	-17.874	123.33	No	16029	360000	15	22.4593	Si
5270 Prosp.A	Verticale	SLE RA 3	45.6088	147.1	No	16027	360000	15	22.4623	Si
4730 Prosp.A	Verticale	SLE RA 3	-58.0855	86.94	No	15994	360000	15	22.5082	Si
4186 Prosp.A	Verticale	SLE RA 3	-62.0399	51.16	No	15970	360000	15	22.5419	Si
5593 Prosp.A	Verticale	SLE RA 3	43.7992	179.6	No	15901	360000	15	22.6407	Si
4815 Prosp.A	Verticale	SLE RA 3	-55.085	55.23	No	15893	360000	15	22.6516	Si
5902 Prosp.A	Verticale	SLE RA 3	40.9538	199.07	No	15888	360000	15	22.6591	Si
5000 Prosp.A	Verticale	SLE RA 3	-48.7344	112.03	No	15848	360000	15	22.7163	Si
5266 Prosp.A	Verticale	SLE RA 3	43.6196	154.82	No	15728	360000	15	22.8892	Si
5272 Prosp.A	Verticale	SLE RA 3	44.4324	142.49	No	15590	360000	15	23.0911	Si
6210 Prosp.A	Verticale	SLE RA 7	20.2512	112.86	No	15544	360000	15	23.1597	Si
5583 Prosp.A	Verticale	SLE RA 7	36.8872	202.73	No	15332	360000	15	23.4805	Si
5886 Prosp.A	Verticale	SLE RA 3	-32.9273	212.43	No	15275	360000	15	23.5682	Si
5595 Prosp.A	Verticale	SLE RA 3	41.6205	171.35	No	15129	360000	15	23.7959	Si
5023 Prosp.A	Verticale	SLE RA 3	45.9559	107.25	No	14990	360000	15	24.0164	Si
5904 Prosp.A	Verticale	SLE RA 3	38.6566	187.46	No	14984	360000	15	24.0256	Si
6343 Prosp.A	Verticale	SLE RA 7	-27.5449	8.21	No	14973	360000	15	24.0439	Si
5021 Prosp.A	Verticale	SLE RA 3	45.1956	113	No	14954	360000	15	24.073	Si
896 Prosp.A	Verticale	SLE RA 1	40.5783	-110.94	No	14946	360000	15	24.0866	Si
5274 Prosp.A	Verticale	SLE RA 3	42.4482	137.65	No	14937	360000	15	24.1007	Si
4546 Prosp.A	Verticale	SLE RA 3	-50.1881	61.67	No	14801	360000	15	24.3225	Si
6170 Prosp.A	Verticale	SLE RA 7	13.1031	136.18	No	14768	360000	15	24.3778	Si
2178 Prosp.A	Orizzontale	SLE RA 1	-64.8822	-36.6	No	14760	360000	15	24.3897	Si
2239 Prosp.A	Orizzontale	SLE RA 1	-64.7891	-35.98	No	14755	360000	15	24.3983	Si
2117 Prosp.A	Orizzontale	SLE RA 1	-64.5518	-37.44	No	14656	360000	15	24.563	Si
5264 Prosp.A	Verticale	SLE RA 3	39.4393	155.33	No	14655	360000	15	24.5652	Si
2300 Prosp.A	Orizzontale	SLE RA 1	-64.2725	-35.58	No	14641	360000	15	24.5892	Si
5025 Prosp.A	Verticale	SLE RA 3	45.0849	102.78	No	14637	360000	15	24.5959	Si
5256 Prosp.A	Verticale	SLE RA 3	-40.4299	142.94	No	14562	360000	15	24.7218	Si
6215 Prosp.A	Verticale	SLE RA 7	18.9315	105.84	No	14549	360000	15	24.7438	Si
5954 Prosp.A	Verticale	SLE RA 7	-50.9692	20.55	No	14490	360000	15	24.8442	Si
2056 Prosp.A	Orizzontale	SLE RA 1	-63.7918	-38.52	No	14441	360000	15	24.9297	Si
2361 Prosp.A	Orizzontale	SLE RA 1	-63.3253	-35.38	No	14416	360000	15	24.9727	Si
3686 Prosp.A	Verticale	SLE RA 3	-48.1628	66.12	No	14400	360000	15	24.9996	Si
3349 Prosp.A	Verticale	SLE RA 1	66.8522	-140.35	No	14281	360000	15	25.2081	Si
5019 Prosp.A	Verticale	SLE RA 3	41.9025	119.08	No	14270	360000	15	25.2276	Si
5597 Prosp.A	Verticale	SLE RA 3	39.0254	162.52	No	14237	360000	15	25.2868	Si
4469 Prosp.A	Verticale	SLE RA 3	-52.0709	69.52	No	14199	360000	15	25.3542	Si
5648 Prosp.A	Verticale	SLE RA 7	-51.1025	31.63	No	14189	360000	15	25.3719	Si
5276 Prosp.A	Verticale	SLE RA 3	39.9519	132.44	No	14141	360000	15	25.4586	Si
4735 Prosp.A	Verticale	SLE RA 3	-44.0383	94.57	No	14132	360000	15	25.4738	Si

Parete FILI 2-6

Verifiche condotte secondo D.M. 17-01-18 (N.T.C.)

Geometria



Caratteristiche dei materiali

Acciaio: B450C Fyk 450000

Calcestruzzo: C28/35 Rck 35000

Livelli significativi

Descrizione breve	Descrizione	Quota	Spessore
L1	Livello platea ribassata	-2.6	0
L2	Platea di fondazione vasca	-1.1	0
L3	Piano campagna	0	0
L4	Livello soletta paratoie	2.2	0
L5	Livello stramazzi	2.62	0

Verifiche nei nodi

Sezioni rettangolari

Descrizione	Dir.	Base	Altezza	As,sup	As,inf	c,sup	c,inf
5751 Prosp.A	Verticale	0.5	0.3	0.000402	0.000402	0.048	0.048
3243 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
5398 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
3246 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
4693 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
4987 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
4136 Prosp.A	Verticale	1	0.3	0.000921	0.000921	0.048	0.048
3541 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
4417 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
3508 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
5749 Prosp.A	Verticale	0.5	0.3	0.000402	0.000402	0.048	0.048
3768 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
4968 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
803 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
3548 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
4408 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
3545 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
3248 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
3773 Prosp.A	Verticale	1	0.3	0.001	0.001	0.048	0.048
4683 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
4686 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
807 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
4413 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
3763 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
3252 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
4974 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
4403 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
5400 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
4690 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
809 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
812 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
4980 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
5406 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048

Descrizione	Dir.	Base	Altezza	As,sup	As,inf	c,sup	c,inf
667 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
670 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
5745 Prosp.A	Verticale	0.5	0.3	0.000402	0.000402	0.048	0.048
919 Prosp.A	Orizzontale	0.5	0.3	0.000603	0.000603	0.0663	0.0663
665 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
5747 Prosp.A	Verticale	0.5	0.3	0.000402	0.000402	0.048	0.048
5403 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
672 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
455 Prosp.A	Orizzontale	0.5	0.3	0.000603	0.000603	0.0663	0.0663
271 Prosp.A	Verticale	0.5	0.3	0.000503	0.000503	0.048	0.048
769 Prosp.A	Orizzontale	0.5	0.3	0.000603	0.000603	0.0663	0.0663
394 Prosp.A	Orizzontale	0.98	0.3	0.001005	0.001005	0.0654	0.0654
333 Prosp.A	Verticale	0.5	0.3	0.000503	0.000503	0.048	0.048
210 Prosp.A	Verticale	0.5	0.3	0.000503	0.000503	0.048	0.048
4701 Prosp.A	Orizzontale	0.5	0.3	0.000603	0.000603	0.0663	0.0663
4994 Prosp.A	Orizzontale	0.5	0.3	0.000603	0.000603	0.0663	0.0663
5408 Prosp.A	Orizzontale	0.5	0.3	0.000603	0.000603	0.0663	0.0663
4423 Prosp.A	Orizzontale	0.5	0.3	0.000603	0.000603	0.0663	0.0663
3508 Prosp.A	Orizzontale	0.98	0.3	0.001005	0.001005	0.0654	0.0654
3243 Prosp.A	Orizzontale	0.98	0.3	0.001005	0.001005	0.0654	0.0654
210 Prosp.A	Orizzontale	0.98	0.3	0.001005	0.001005	0.0654	0.0654
5387 Prosp.A	Orizzontale	0.5	0.3	0.000603	0.000603	0.0663	0.0663
149 Prosp.A	Orizzontale	0.5	0.3	0.000603	0.000603	0.0663	0.0663
4392 Prosp.A	Orizzontale	0.5	0.3	0.000603	0.000603	0.0663	0.0663
3763 Prosp.A	Orizzontale	0.98	0.3	0.001005	0.001005	0.0654	0.0654
4670 Prosp.A	Orizzontale	0.5	0.3	0.000603	0.000603	0.0663	0.0663
271 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
394 Prosp.A	Verticale	0.5	0.3	0.000503	0.000503	0.048	0.048
3541 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
3545 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
4403 Prosp.A	Orizzontale	0.98	0.3	0.001005	0.001005	0.0654	0.0654
5400 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
3751 Prosp.A	Orizzontale	0.5	0.3	0.000603	0.000603	0.0663	0.0663
4956 Prosp.A	Orizzontale	0.5	0.3	0.000603	0.000603	0.0663	0.0663
5398 Prosp.A	Orizzontale	0.98	0.3	0.001005	0.001005	0.0654	0.0654
333 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
3768 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
807 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
4683 Prosp.A	Orizzontale	0.98	0.3	0.001005	0.001005	0.0654	0.0654
4968 Prosp.A	Orizzontale	0.98	0.3	0.001005	0.001005	0.0654	0.0654
631 Prosp.A	Orizzontale	0.5	0.3	0.000574	0.000574	0.0663	0.0663
3773 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
4417 Prosp.A	Orizzontale	0.98	0.3	0.001005	0.001005	0.0654	0.0654
809 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
3548 Prosp.A	Orizzontale	0.98	0.3	0.001005	0.001005	0.0654	0.0654
3489 Prosp.A	Orizzontale	0.5	0.3	0.000603	0.000603	0.0663	0.0663
3248 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
4139 Prosp.A	Orizzontale	0.5	0.3	0.000603	0.000603	0.0663	0.0663
803 Prosp.A	Orizzontale	0.98	0.3	0.001005	0.001005	0.0654	0.0654
4408 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
814 Prosp.A	Orizzontale	0.5	0.3	0.000603	0.000603	0.0663	0.0663
4693 Prosp.A	Orizzontale	0.98	0.3	0.001005	0.001005	0.0654	0.0654
4686 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
812 Prosp.A	Orizzontale	0.98	0.3	0.001005	0.001005	0.0654	0.0654
4974 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
5406 Prosp.A	Orizzontale	0.98	0.3	0.001005	0.001005	0.0654	0.0654
4413 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
667 Prosp.A	Orizzontale	1	0.3	0.000976	0.000976	0.064	0.064
670 Prosp.A	Orizzontale	1	0.3	0.000984	0.000984	0.064	0.064
3246 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
4690 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
672 Prosp.A	Orizzontale	0.98	0.3	0.000991	0.000991	0.0654	0.0654
665 Prosp.A	Orizzontale	0.98	0.3	0.000967	0.000967	0.0654	0.0654
4980 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
5403 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
3252 Prosp.A	Orizzontale	0.98	0.3	0.001005	0.001005	0.0654	0.0654
4136 Prosp.A	Orizzontale	0.98	0.3	0.001005	0.001005	0.0654	0.0654

Verifiche a flessione SLU D.M. 17-01-18 §4.1.2.3.4.2

La struttura è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione, per le combinazioni SLV, viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
5751 Prosp.A	Verticale	SLU 3	-16.2129	94.28	-24.2033	140.74	1.4928	Si
3243 Prosp.A	Verticale	SLU 1	-6.5904	311.43	-14.5457	687.36	2.2071	Si
5398 Prosp.A	Verticale	SLU 3	-30.0603	75.2	-76.389	191.1	2.5412	Si
3246 Prosp.A	Verticale	SLU 1	-8.8921	206.14	-26.1226	605.6	2.9377	Si
4693 Prosp.A	Verticale	SLU 3	14.4739	155.64	43.989	473.01	3.0392	Si
4987 Prosp.A	Verticale	SLU 3	16.4387	131.54	51.6619	413.38	3.1427	Si
4136 Prosp.A	Verticale	SLU 1	9.2774	163.49	29.302	516.38	3.1584	Si
3541 Prosp.A	Verticale	SLU 1	-13.348	154.02	-42.1895	486.82	3.1607	Si
4417 Prosp.A	Verticale	SLU 3	11.9305	163.85	37.8408	519.7	3.1718	Si
3508 Prosp.A	Verticale	SLU 1	-11.8654	164.29	-37.6391	521.16	3.1722	Si
5749 Prosp.A	Verticale	SLV 13	-8.7092	15.33	-29.7779	52.41	3.4191	Si
3768 Prosp.A	Verticale	SLU 1	-15.3068	109.29	-54.6125	389.92	3.5679	Si
4968 Prosp.A	Verticale	SLU 1	-26.4746	3.72	-95.544	13.44	3.6089	Si
803 Prosp.A	Verticale	SLU 1	-2.4764	198.75	-9.0377	725.35	3.6496	Si
3548 Prosp.A	Verticale	SLU 1	8.7606	152.38	32.2629	561.17	3.6827	Si
4408 Prosp.A	Verticale	SLV 15	-17.5009	54.46	-65.2197	202.95	3.7267	Si
3545 Prosp.A	Verticale	SLU 1	-8.7543	148.29	-32.86	556.63	3.7536	Si
3248 Prosp.A	Verticale	SLU 1	-7.4421	157.35	-27.9991	591.99	3.7623	Si
3773 Prosp.A	Verticale	SLV 15	-12.2848	92.09	-46.6851	349.95	3.8002	Si
4683 Prosp.A	Verticale	SLU 1	-22.0311	27.38	-85.5384	106.29	3.8826	Si
4686 Prosp.A	Verticale	SLV 13	-18.2522	35.56	-72.5362	141.32	3.9741	Si
807 Prosp.A	Verticale	SLU 1	-5.8273	156.69	-23.2802	625.99	3.995	Si
4413 Prosp.A	Verticale	SLV 15	-11.0278	86.08	-46.0285	359.29	4.1739	Si
3763 Prosp.A	Verticale	SLU 1	-15.6849	69.77	-65.5368	291.52	4.1783	Si
3252 Prosp.A	Verticale	SLU 1	7.6465	132.94	32.2633	560.91	4.2194	Si
4974 Prosp.A	Verticale	SLV 13	-17.969	23.61	-77.2007	101.43	4.2963	Si
4403 Prosp.A	Verticale	SLU 4	-18.8487	29.67	-82.9287	130.53	4.3997	Si
5400 Prosp.A	Verticale	SLV 13	-17.5208	18.1	-79.445	82.07	4.5343	Si

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
4690 Prosp.A	Verticale	SLV 15	-9.4497	82.14	-43.5738	378.78	4.6111	Si
809 Prosp.A	Verticale	SLU 1	-5.2685	126.22	-25.4721	610.24	4.8348	Si
812 Prosp.A	Verticale	SLU 1	5.6354	92.02	33.7068	550.38	5.9812	Si
4980 Prosp.A	Verticale	SLV 13	-8.6634	43.98	-55.6022	282.24	6.418	Si
4690 Prosp.A	Verticale	SLV 3	3.7725	78.21	25.7663	534.16	6.8301	Si
3773 Prosp.A	Verticale	SLV 3	2.6158	87.05	18.1574	604.25	6.9415	Si
4413 Prosp.A	Verticale	SLV 3	3.1123	82.65	21.6385	574.62	6.9526	Si
3545 Prosp.A	Verticale	SLV 3	2.283	84.48	16.8082	621.98	7.3624	Si
3248 Prosp.A	Verticale	SLV 3	2.1789	84.86	16.1393	628.54	7.407	Si
5406 Prosp.A	Verticale	SLV 3	17.2279	-47.73	137.4104	-380.66	7.976	Si
667 Prosp.A	Verticale	SLU 3	-3.5769	68.23	-30.1986	576.06	8.4428	Si
4980 Prosp.A	Verticale	SLV 3	4.3478	48.98	37.7276	425.02	8.6774	Si
670 Prosp.A	Verticale	SLU 4	-3.349	63.25	-30.4254	574.59	9.0849	Si
803 Prosp.A	Verticale	SLV 15	2.0736	61.82	19.8589	592.07	9.5769	Si
5745 Prosp.A	Verticale	SLU 4	9.4535	-156.45	101.3469	-1677.22	10.7205	Si
919 Prosp.A	Orizzontale	SLV 15	4.7961	-5.91	55.1388	-67.9	11.4965	Si
665 Prosp.A	Verticale	SLU 3	-1.5245	57.75	-17.5892	666.3	11.5377	Si
809 Prosp.A	Verticale	SLV 3	1.1436	55.61	13.4652	654.75	11.7745	Si
5747 Prosp.A	Verticale	SLV 13	-3.8148	-7.74	-46.5812	-94.54	12.2107	Si
5403 Prosp.A	Verticale	SLV 13	-7.9632	-6.83	-98.2101	-84.18	12.333	Si
672 Prosp.A	Verticale	SLV 7	2.3267	40.68	28.8297	504.12	12.3909	Si
455 Prosp.A	Orizzontale	SLV 13	-4.7399	-12.64	-65.9518	-175.83	13.9143	Si
271 Prosp.A	Verticale	SLU 3	-1.3254	16.76	-19.9435	252.15	15.0473	Si
5747 Prosp.A	Verticale	SLV 1	2.2672	0.92	34.3205	13.98	15.138	Si
665 Prosp.A	Verticale	SLV 15	1.7461	29.48	29.4836	497.71	16.8858	Si
5403 Prosp.A	Verticale	SLV 3	4.9583	1.59	85.6958	27.56	17.2834	Si
769 Prosp.A	Orizzontale	SLV 15	3.4772	-8.02	62.9421	-145.18	18.1013	Si
394 Prosp.A	Orizzontale	SLV 13	-7.0351	-27.47	-135.9332	-530.75	19.3222	Si
333 Prosp.A	Verticale	SLV 15	-1.7597	3.85	-35.4564	77.55	20.1491	Si
210 Prosp.A	Verticale	SLV 7	0.7765	11.19	16.2448	234.12	20.9212	Si
4701 Prosp.A	Orizzontale	SLV 11	1.4224	7.26	30.6837	156.69	21.5721	Si
4994 Prosp.A	Orizzontale	SLU 1	2.0098	4.11	46.3697	94.89	23.0718	Si
5408 Prosp.A	Orizzontale	SLU 1	2.2261	0.56	53.9015	13.61	24.2134	Si
4423 Prosp.A	Orizzontale	SLU 1	1.5884	7.13	38.7873	174.09	24.4194	Si
3243 Prosp.A	Verticale	SLV 15	0.4094	28.13	10.0188	688.54	24.4737	Si
3508 Prosp.A	Orizzontale	SLV 3	-7.5424	-142.51	-188.3407	-3558.61	24.9709	Si
3243 Prosp.A	Orizzontale	SLV 1	-4.9469	-146.37	-128.7148	-3808.57	26.0195	Si
210 Prosp.A	Orizzontale	SLV 3	-5.9637	-28.77	-156.3913	-754.42	26.2241	Si
5387 Prosp.A	Orizzontale	SLV 11	-3.4937	-27.23	-100.1233	-780.41	28.6586	Si
149 Prosp.A	Orizzontale	SLV 3	-2.6888	-10.37	-77.5709	-299.05	28.8499	Si
4392 Prosp.A	Orizzontale	SLU 3	-1.9889	-80.43	-58.5019	-2365.86	29.4139	Si
3763 Prosp.A	Orizzontale	SLU 3	-5.725	-128.47	-170.9772	-3836.8	29.8652	Si
4670 Prosp.A	Orizzontale	SLV 3	-2.3775	-73.32	-72.0814	-2223.06	30.3185	Si
271 Prosp.A	Orizzontale	SLV 3	-6.2415	-46.2	-193.046	-1428.87	30.9296	Si
394 Prosp.A	Verticale	SLU 3	-1.0066	4.85	-31.9053	153.76	31.6964	Si
3541 Prosp.A	Orizzontale	SLU 3	-6.0805	-108.06	-197.94	-3517.77	32.5532	Si
3545 Prosp.A	Orizzontale	SLV 13	-5.7806	-44.8	-193.8212	-1502.23	33.5294	Si
4403 Prosp.A	Orizzontale	SLU 3	-4.1191	-121.01	-143.0421	-4202.32	34.7261	Si
5400 Prosp.A	Orizzontale	SLU 3	-2.2005	5.46	-77.4079	191.94	35.1774	Si
3751 Prosp.A	Orizzontale	SLU 3	-1.2669	-68.95	-44.9701	-2447.46	35.4965	Si
4956 Prosp.A	Orizzontale	SLU 3	-2.8936	-49.39	-103.4154	-1765.28	35.7393	Si
5398 Prosp.A	Orizzontale	SLU 10	-5.1059	-29	-189.9616	-1079.08	37.204	Si
333 Prosp.A	Orizzontale	SLV 1	-5.1394	-49.83	-196.7896	-1907.81	38.2901	Si
3768 Prosp.A	Orizzontale	SLV 15	-5.125	-54.45	-197.035	-2093.39	38.4458	Si
807 Prosp.A	Orizzontale	SLV 13	4.9577	-49.47	196.9566	-1965.17	39.7274	Si
4683 Prosp.A	Orizzontale	SLU 3	-3.7756	-103.2	-150.4609	-4112.73	39.8512	Si
4968 Prosp.A	Orizzontale	SLU 3	-4.3912	-86.8	-183.8868	-3635.02	41.8765	Si
631 Prosp.A	Orizzontale	SLV 13	2.2768	-13.19	96.9495	-561.59	42.5817	Si
3773 Prosp.A	Orizzontale	SLV 13	-4.4538	-39.08	-195.7367	-1717.65	43.9478	Si
4417 Prosp.A	Orizzontale	SLU 1	1.8124	2.9	82.8175	132.69	45.6954	Si
809 Prosp.A	Orizzontale	SLU 3	3.273	-89.31	153.4236	-4186.47	46.8753	Si
3548 Prosp.A	Orizzontale	SLV 13	-3.338	-16.26	-157.495	-767	47.1823	Si
3489 Prosp.A	Orizzontale	SLV 5	1.0966	-46.58	51.7633	-2198.68	47.203	Si
3248 Prosp.A	Orizzontale	SLU 3	-2.9095	-92.54	-137.4926	-4373.26	47.257	Si
4139 Prosp.A	Orizzontale	SLU 1	1.1009	0.67	52.2152	31.82	47.4292	Si
803 Prosp.A	Orizzontale	SLV 13	4.0089	-41.31	192.7046	-1985.76	48.0688	Si
3243 Prosp.A	Orizzontale	SLV 15	1.4544	-96.37	69.9227	-4633.1	48.0782	Si
4408 Prosp.A	Orizzontale	SLU 3	-3.1442	-84.66	-154.8407	-4168.99	49.2462	Si
670 Prosp.A	Verticale	SLV 3	0.2424	12.61	12.7244	662.01	52.4974	Si
3751 Prosp.A	Orizzontale	SLU 7	0.3763	-44.6	20.6513	-2447.46	54.8766	Si
814 Prosp.A	Orizzontale	SLV 13	1.7885	-13.1	99.7696	-730.6	55.7855	Si
4693 Prosp.A	Orizzontale	SLU 1	2.3995	-7.92	137.6537	-454.2	57.3673	Si

Verifiche a flessione SLD Resistenza D.M. 17-01-18 §4.1.2.3.4.2

La struttura è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
5751 Prosp.A	Verticale	SLD 13	-11.7151	64.7	-21.5876	119.23	1.8427	Si
5398 Prosp.A	Verticale	SLD 9	-22.1203	53.57	-69.3857	168.02	3.1367	Si
3243 Prosp.A	Verticale	SLD 11	-4.4966	198.33	-14.5935	643.69	3.2455	Si
4693 Prosp.A	Verticale	SLD 7	9.6032	109.52	37.456	427.18	3.9004	Si
5749 Prosp.A	Verticale	SLD 13	-7.1426	16.94	-28.0713	66.59	3.9301	Si
4987 Prosp.A	Verticale	SLD 7	10.8646	90.95	44.4344	371.95	4.0898	Si
3246 Prosp.A	Verticale	SLD 11	-6.2248	130.57	-25.5615	536.16	4.1064	Si
4417 Prosp.A	Verticale	SLD 7	8.0067	112.98	32.9075	464.36	4.11	Si
3541 Prosp.A	Verticale	SLD 15	-11.2979	84.24	-47.0703	350.96	4.1663	Si
4136 Prosp.A	Verticale	SLD 7	6.2775	107.66	26.7357	458.51	4.259	Si
3768 Prosp.A	Verticale	SLD 15	-13.1218	61.83	-57.1743	269.42	4.3572	Si
4968 Prosp.A	Verticale	SLD 9	-19.5624	6.3	-85.691	27.59	4.3804	Si
4408 Prosp.A	Verticale	SLD 15	-14.1418	51.56	-62.3079	227.16	4.4059	Si
3508 Prosp.A	Verticale	SLD 11	-8.0081	100.88	-35.2852	444.52	4.4062	Si
4686 Prosp.A	Verticale	SLD 13	-14.8008	37.76	-68.5659	174.93	4.6326	Si
3773 Prosp.A	Verticale	SLD 15	-8.8162	84.6	-41.0911	394.3	4.6609	Si
3545 Prosp.A	Verticale	SLD 15	-9.0674	82.17	-42.6268	386.29	4.7011	Si
4683 Prosp.A	Verticale	SLD 9	-17.0291	11.76	-82.3441	56.89	4.8355	Si
4974 Prosp.A	Verticale	SLD 13	-14.6393	25.59	-73.9515	129.29	5.0516	Si
4413 Prosp.A	Verticale	SLD 15	-7.7069	80.73	-39.3488	412.19	5.1056	Si
3548 Prosp.A	Verticale	SLD 7	5.8502	94.2	30.3711	489.01	5.1914	Si
3248 Prosp.A	Verticale	SLU 11	-5.5085	97.51	-28.6042	506.34	5.1928	Si
5400 Prosp.A	Verticale	SLD 13	-14.3085	21.28	-75.871	112.85	5.3025	Si

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
803 Prosp.A	Verticale	SLD 7	-1.6599	130.74	-8.8827	699.68	5.3515	Si
807 Prosp.A	Verticale	SLD 11	-4.0787	99.88	-22.9435	561.82	5.6252	Si
4403 Prosp.A	Verticale	SLD 13	-13.8402	16.79	-77.9906	94.63	5.6351	Si
4690 Prosp.A	Verticale	SLD 15	-6.3139	77.84	-35.7519	440.77	5.6624	Si
3763 Prosp.A	Verticale	SLD 15	-11.2797	37.45	-64.0546	212.68	5.6787	Si
3252 Prosp.A	Verticale	SLD 7	5.1349	79.12	31.2057	480.82	6.0772	Si
809 Prosp.A	Verticale	SLD 11	-3.7636	77.71	-25.8376	533.45	6.8651	Si
4980 Prosp.A	Verticale	SLD 13	-5.2569	46.04	-43.402	380.13	8.2562	Si
812 Prosp.A	Verticale	SLD 7	3.8119	52.87	33.2577	461.28	8.7246	Si
5406 Prosp.A	Verticale	SLD 1	11.7127	-34	129.0312	-374.6	11.0163	Si
667 Prosp.A	Verticale	SLD 11	-2.4851	44.23	-28.505	507.31	11.4702	Si
670 Prosp.A	Verticale	SLD 11	-2.2328	39.77	-28.4903	507.45	12.7597	Si
5745 Prosp.A	Verticale	SLD 7	6.2451	-124.22	83.3574	-1658.09	13.3477	Si
672 Prosp.A	Verticale	SLD 7	2.0887	26.33	35.2683	444.66	16.8852	Si
803 Prosp.A	Verticale	SLD 15	0.5092	41.09	8.6939	701.53	17.0746	Si
665 Prosp.A	Verticale	SLD 7	-0.9559	36.16	-16.5159	624.84	17.2777	Si
4980 Prosp.A	Verticale	SLD 3	0.7247	34.91	13.5695	653.73	18.724	Si
455 Prosp.A	Orizzontale	SLD 13	-3.9976	-15.04	-76.5668	-288.08	19.153	Si
271 Prosp.A	Verticale	SLD 11	-0.8307	11.59	-16.5713	231.14	19.9496	Si
5403 Prosp.A	Verticale	SLD 13	-4.6049	-4.46	-99.5526	-96.35	21.6189	Si
919 Prosp.A	Orizzontale	SLD 15	2.7281	-7.83	67.7494	-194.39	24.834	Si
5747 Prosp.A	Verticale	SLD 13	-2.1409	-6.48	-53.9592	-163.32	25.2044	Si
333 Prosp.A	Verticale	SLD 15	-1.3304	3.37	-34.3276	87.08	25.8016	Si
4701 Prosp.A	Orizzontale	SLD 11	1.2309	5.37	32.4327	141.41	26.3484	Si
394 Prosp.A	Orizzontale	SLD 13	-6.1621	-31.92	-165.132	-855.3	26.7978	Si
3243 Prosp.A	Orizzontale	SLD 1	-3.8543	-136.08	-113.775	-4016.96	29.5189	Si
4423 Prosp.A	Orizzontale	SLD 11	1.0487	4.92	31.6366	148.36	30.1675	Si
4994 Prosp.A	Orizzontale	SLD 15	1.3654	1.79	42.0719	55.22	30.8126	Si
5387 Prosp.A	Orizzontale	SLD 15	-3.1947	-23.94	-99.9018	-748.58	31.2708	Si
3508 Prosp.A	Orizzontale	SLD 13	-5.5155	-95.94	-174.4259	-3034.09	31.6244	Si
769 Prosp.A	Orizzontale	SLD 15	2.6887	-12.36	86.1427	-395.9	32.0385	Si
5408 Prosp.A	Orizzontale	SLD 13	1.4939	-0.35	49.2659	-11.6	32.979	Si
4690 Prosp.A	Verticale	SLD 3	0.1328	22.08	4.4706	742.94	33.6543	Si
210 Prosp.A	Verticale	SLD 7	0.6249	5.8	21.0337	195.34	33.6586	Si
665 Prosp.A	Verticale	SLD 15	0.3314	18.98	11.7315	671.75	35.399	Si
4392 Prosp.A	Orizzontale	SLD 5	-1.6203	-57.2	-59.2793	-2092.51	36.5848	Si
3763 Prosp.A	Orizzontale	SLD 13	-4.4143	-88.06	-163.779	-3267.38	37.1019	Si
3243 Prosp.A	Verticale	SLD 15	0.1912	19.07	7.1823	716.35	37.568	Si
4670 Prosp.A	Orizzontale	SLD 1	-1.7713	-50.97	-68.3031	-1965.44	38.5601	Si
3541 Prosp.A	Orizzontale	SLD 15	-4.8174	-69.35	-189.6403	-2730.12	39.3654	Si
5400 Prosp.A	Orizzontale	SLD 9	-1.7371	3.29	-68.5261	129.77	39.4493	Si
271 Prosp.A	Orizzontale	SLD 3	-4.8152	-43.71	-196.163	-1780.68	40.7385	Si
210 Prosp.A	Orizzontale	SLD 3	-4.4647	-28.64	-186.3115	-1195.08	41.7296	Si
3545 Prosp.A	Orizzontale	SLD 13	-4.5905	-47.64	-197.0559	-2045.14	42.9265	Si
4956 Prosp.A	Orizzontale	SLD 1	-2.1931	-34.53	-94.1848	-1483.14	42.9459	Si
394 Prosp.A	Verticale	SLD 11	-0.6829	2.99	-29.3346	128.58	42.9559	Si
3751 Prosp.A	Orizzontale	SLD 3	-0.707	-55.71	-31.0612	-2447.46	43.9313	Si
4403 Prosp.A	Orizzontale	SLD 13	-3.3041	-81.41	-145.1959	-3577.67	43.944	Si
333 Prosp.A	Orizzontale	SLD 1	-4.4108	-46.88	-197.034	-2094.35	44.6708	Si
5398 Prosp.A	Orizzontale	SLD 15	-4.1316	-24.72	-185.2649	-1108.26	44.8409	Si
3768 Prosp.A	Orizzontale	SLD 13	-4.0818	-61.18	-187.5711	-2811.51	45.9533	Si
5747 Prosp.A	Verticale	SLD 7	0.1678	-46.36	8.2904	-2290.11	49.3981	Si
149 Prosp.A	Orizzontale	SLD 3	-1.9721	-11.06	-98.3105	-3571.13	49.8505	Si
5403 Prosp.A	Verticale	SLD 1	1.4589	2.78	72.8436	138.73	49.9297	Si
807 Prosp.A	Orizzontale	SLD 15	3.6559	-59	183.1721	-2956.1	50.103	Si
4683 Prosp.A	Orizzontale	SLD 5	-2.7876	-71.05	-142.1023	-3622.1	50.9763	Si
4968 Prosp.A	Orizzontale	SLD 3	-3.0734	-62.77	-161.8085	-3304.88	52.6473	Si
4408 Prosp.A	Orizzontale	SLD 13	-2.9317	-58.55	-166.9697	-3334.53	56.9529	Si
3773 Prosp.A	Orizzontale	SLD 13	-3.4111	-41.06	-195.7159	-2355.7	57.3767	Si
4139 Prosp.A	Orizzontale	SLD 15	0.649	1.47	38.5383	87.29	59.3795	Si
3489 Prosp.A	Orizzontale	SLD 5	1.0844	-31.69	67.5919	-1975.49	62.3333	Si
809 Prosp.A	Orizzontale	SLD 15	2.648	-53.15	166.5398	-3342.8	62.8938	Si
631 Prosp.A	Orizzontale	SLD 13	1.5663	-11.77	98.6227	-741.39	62.9662	Si
3248 Prosp.A	Orizzontale	SLD 15	-2.4654	-55.96	-155.6257	-3532.18	63.123	Si
803 Prosp.A	Orizzontale	SLD 15	2.7641	-45.09	178.7761	-2916.38	64.6779	Si
4686 Prosp.A	Orizzontale	SLD 13	-2.3052	-51.23	-157.5472	-3501.08	68.3458	Si
3751 Prosp.A	Orizzontale	SLD 9	0.3929	-35.39	27.1726	-2447.46	69.1609	Si
4417 Prosp.A	Orizzontale	SLD 13	0.8336	3.07	57.861	212.97	69.4093	Si
3489 Prosp.A	Orizzontale	SLD 3	-0.8558	-28.44	-61.8679	-2056.01	72.293	Si
812 Prosp.A	Orizzontale	SLD 13	2.5655	-24.26	192.2012	-1817.11	74.9166	Si
4974 Prosp.A	Orizzontale	SLD 15	-1.9848	-48.4	-149.0003	-3633.6	75.0696	Si
5406 Prosp.A	Orizzontale	SLD 11	1.9882	-44.74	153.3762	-3451.6	77.1448	Si
4413 Prosp.A	Orizzontale	SLD 13	-2.2081	-36.66	-181.3004	-3009.69	82.1057	Si
667 Prosp.A	Orizzontale	SLD 15	1.7786	-43.02	149.2116	-3609.49	83.8948	Si
814 Prosp.A	Orizzontale	SLD 15	1.1914	-14.12	100.1096	-1186.1	84.0255	Si
3548 Prosp.A	Orizzontale	SLD 13	-2.2174	-18.35	-190.4792	-1576.38	85.9037	Si
670 Prosp.A	Orizzontale	SLD 3	-1.5176	-43.18	-134.3714	-3823.37	88.5449	Si

Verifiche a taglio SLU D.M. 17-01-18 §4.1.2.3.5

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
4136 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLV 15	-53.2	106.96	4.0776	125.66	643.71	0	125.66	2.5	0.0009208	2.3623	Si
4417 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLV 15	-54.4	113.36	5.2934	129.4	643.71	0	129.4	2.5	0.0010053	2.3787	Si
4693 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLV 15	-50.5	111.37	7.1885	129.4	643.71	0	129.4	2.5	0.0010053	2.5625	Si
3548 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 3	-47.05	153.77	7.7391	129.4	643.71	0	129.4	2.5	0.0010053	2.7502	Si
4987 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLV 15	-46.38	91.97	8.6081	129.4	643.71	0	129.4	2.5	0.0010053	2.7897	Si
5751 Prosp.A	Verticale	0.252	0.5	Non necessaria	0	SLV 1	-21.67	62.22	-10.6686	61.8	321.85	0	61.8	2.5	0.0004021	2.8516	Si
5406 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLV 13	-44.52	-73.32	8.6485	138.64	653.26	0	138.64	2.5	0.0010053	3.1143	Si
3243 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLV 13	39.47	118.2	-4.4034	129.4	643.71	0	129.4	2.5	0.0010053	3.2782	Si
5745 Prosp.A	Verticale	0.252	0.5	Non necessaria	0	SLV 13	-22.58	-117.01	4.5359	76.55	337.11	0	76.55	2.5	0.0004021	3.3905	Si
4980 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 4	-36.86	74.05	-2.6203	129.4	643.71	0	129.4	2.5	0.0010053	3.5105	Si

Vano di equalizzazione e sedimentazione meccanica

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
5398 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLV 3	-36.68	51.48	-18.6103	129.4	643.71	0	129.4	2.5	0.0010053	3.5282	Si
4690 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 4	-36.54	117.11	-4.4679	129.4	643.71	0	129.4	2.5	0.0010053	3.5413	Si
5403 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 3	-36.88	-34.01	-1.366	133.68	648.14	0	133.68	2.5	0.0010053	3.6251	Si
4413 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 3	-35.47	127.15	-6.3476	129.4	643.71	0	129.4	2.5	0.0010053	3.6483	Si
5747 Prosp.A	Verticale	0.252	0.5	Non necessaria	0	SLU 3	-18.47	-54.79	-0.5008	68.71	328.99	0	68.71	2.5	0.0004021	3.719	Si
3252 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 3	-33.98	121.03	6.7092	129.4	643.71	0	129.4	2.5	0.0010053	3.8079	Si
3773 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 3	-32.69	142.06	-7.9699	129.15	643.71	0	129.15	2.5	0.0009996	3.9511	Si
5749 Prosp.A	Verticale	0.252	0.5	Non necessaria	0	SLU 3	-15.67	-8.68	-8.214	62.9	322.99	0	62.9	2.5	0.0004021	4.0146	Si
803 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLV 13	30.82	57.4	0.5161	129.4	643.71	0	129.4	2.5	0.0010053	4.1982	Si
5400 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 4	-30.27	7.67	-16.3996	129.4	643.71	0	129.4	2.5	0.0010053	4.2746	Si
3508 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLV 13	28.84	65.59	-9.5505	129.4	643.71	0	129.4	2.5	0.0010053	4.4869	Si
3763 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLV 13	28.83	7.62	-13.7691	129.4	643.71	0	129.4	2.5	0.0010053	4.4889	Si
4403 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLV 15	28.23	-1.93	-15.9106	129.64	643.96	0	129.64	2.5	0.0010053	4.5919	Si
4974 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 4	-27.82	42.86	-16.6746	129.4	643.71	0	129.4	2.5	0.0010053	4.652	Si
3545 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 3	-27.56	147.39	-8.7263	129.4	643.71	0	129.4	2.5	0.0010053	4.6946	Si
631 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLV 13	13.87	-13.19	2.2768	66.99	300.02	0	66.99	2.5	0.0005736	4.8307	Si
455 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLV 13	13.86	-12.64	-4.7399	68.04	299.95	0	68.04	2.5	0.0006032	4.9089	Si
4968 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLV 3	-24.98	2.02	-15.8767	129.4	643.71	0	129.4	2.5	0.0010053	5.1796	Si
4686 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 4	-24.51	61.61	-16.9538	129.4	643.71	0	129.4	2.5	0.0010053	5.2804	Si
3248 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 3	-20.73	137.32	-7.9436	129.4	643.71	0	129.4	2.5	0.0010053	6.2409	Si
4408 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 4	-20.7	83.84	-16.5159	129.4	643.71	0	129.4	2.5	0.0010053	6.2517	Si
812 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 3	-20.1	73.57	4.7574	129.4	643.71	0	129.4	2.5	0.0010053	6.4386	Si
4683 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLV 15	20.03	3.89	-17.9247	129.4	643.71	0	129.4	2.5	0.0010053	6.4606	Si
394 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLV 13	18.33	-27.47	-7.0351	127.03	590.59	0	127.03	2.5	0.0010053	6.9303	Si
3489 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLV 15	-9.83	-15.49	-0.0344	68.37	300.3	0	68.37	2.5	0.0006032	6.9559	Si
665 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLV 13	17.36	0.27	0.4675	129.4	643.71	0	129.4	2.5	0.0010053	7.4535	Si
394 Prosp.A	Verticale	0.252	0.5	Non necessaria	0	SLV 13	8.37	-0.27	-0.925	64.73	321.89	0	64.73	2.5	0.0005027	7.7354	Si
919 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLV 13	8.65	-8.13	4.5678	67.51	299.41	0	67.51	2.5	0.0006032	7.805	Si
769 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLV 13	8.72	-15.2	3.5138	68.34	300.26	0	68.34	2.5	0.0006032	7.8397	Si
3768 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 3	-16.47	108.35	-15.2908	129.4	643.71	0	129.4	2.5	0.0010053	7.8565	Si
3243 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLV 15	-15.12	-119.38	1.1507	137.81	601.75	0	137.81	2.5	0.0010053	9.1144	Si
3246 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLV 13	13.9	80.96	-9.5496	129.4	643.71	0	129.4	2.5	0.0010053	9.3115	Si
665 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLV 13	13.43	-35.52	1.1232	126.36	591.57	0	126.36	2.5	0.0009666	9.4087	Si
809 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 3	-13.38	103.85	-5.9259	129.4	643.71	0	129.4	2.5	0.0010053	9.6713	Si
149 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLV 3	6.9	-10.37	-2.6888	67.77	299.68	0	67.77	2.5	0.0006032	9.8249	Si
674 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLV 3	6.71	-11.63	0.893	67.76	299.83	0	67.76	2.5	0.0005988	10.1056	Si
3541 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLV 13	12.78	69.92	-13.0275	129.4	643.71	0	129.4	2.5	0.0010053	10.1221	Si
210 Prosp.A	Verticale	0.252	0.5	Non necessaria	0	SLV 3	-6.38	-0.92	-0.637	64.81	321.97	0	64.81	2.5	0.0005027	10.1547	Si
672 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 3	-11.88	27.92	1.5959	129.4	643.71	0	129.4	2.5	0.0010053	10.892	Si
3246 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLV 15	-12.27	-72.28	-0.2287	134.34	611.66	0	134.34	2.5	0.0010053	10.9522	Si
210 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLV 3	11.25	-28.77	-5.9637	127.18	590.75	0	127.18	2.5	0.0010053	11.3034	Si
672 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLV 3	11.19	-32.96	-0.3201	127.08	591.26	0	127.08	2.5	0.0009909	11.3541	Si
807 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLV 13	11.39	52.94	-6.4195	129.4	643.71	0	129.4	2.5	0.0010053	11.3616	Si
4956 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLU 7	-5.52	-33.38	-2.8156	70.46	302.46	0	70.46	2.5	0.0006032	12.7688	Si
5387 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLU 7	-5.52	-37.17	-4.1047	70.9	302.92	0	70.9	2.5	0.0006032	12.8481	Si
803 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLV 13	9.57	-43.71	2.5031	128.93	592.57	0	128.93	2.5	0.0010053	13.4735	Si
333 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLU 3	9.04	-65.01	-5.9338	133.48	610.77	0	133.48	2.5	0.0010053	14.7632	Si
667 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLU 3	8.77	-63.64	-0.5309	132.07	610.61	0	132.07	2.5	0.0009757	15.0673	Si
271 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLU 3	8.19	-63.78	-5.7888	133.33	610.62	0	133.33	2.5	0.0010053	16.2881	Si
670 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLU 3	8.12	-62.38	-0.0945	132.25	610.45	0	132.25	2.5	0.0009835	16.2905	Si
3508 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLU 1	-8.06	-83.59	-3.1714	133.61	597.4	0	133.61	2.5	0.0010053	16.5811	Si

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
3248 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLV 13	-7.69	-49.01	-2.8127	131.59	608.82	0	131.59	2.5	0.0010053	17.1103	Si
670 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 3	-6.47	45.53	-3.913	129.4	643.71	0	129.4	2.5	0.0010053	19.9874	Si
807 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLU 3	-6.5	-50.25	2.5198	131.74	608.97	0	131.74	2.5	0.0010053	20.2614	Si
5398 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLU 3	-6.32	-39.91	-5.5073	128.49	592.1	0	128.49	2.5	0.0010053	20.3167	Si
4968 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLU 3	-6.32	-54.06	-4.2175	130.15	593.82	0	130.15	2.5	0.0010053	20.5956	Si
667 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLV 13	6.08	17.94	-4.2714	129.4	643.71	0	129.4	2.5	0.0010053	21.2973	Si
3541 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLV 13	-6.06	-64.69	-5.707	133.44	610.73	0	133.44	2.5	0.0010053	22.0029	Si
3551 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLU 3	2.71	-8.84	0.4871	67.59	299.49	0	67.59	2.5	0.0006032	24.9099	Si
3259 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLV 1	2.59	-7.87	-0.0884	67.48	299.38	0	67.48	2.5	0.0006032	26.041	Si
814 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLV 3	2.6	-14.7	-0.0351	68.28	300.2	0	68.28	2.5	0.0006032	26.296	Si
809 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLV 15	-4.92	-35.77	1.578	130.03	607.2	0	130.03	2.5	0.0010053	26.4018	Si
3751 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLU 1	2.94	-102.09	-0.9778	78.49	310.76	0	78.49	2.5	0.0006032	26.6543	Si
271 Prosp.A	Verticale	0.252	0.5	Non necessaria	0	SLV 3	-2.15	3.53	-1.4159	64.7	321.85	0	64.7	2.5	0.0005027	30.0925	Si
4670 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLU 10	-2.47	-67.51	-2.4359	74.45	306.58	0	74.45	2.5	0.0006032	30.1021	Si
4139 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLV 1	2.14	0.4	0.2846	66.56	298.43	0	66.56	2.5	0.0006032	31.1074	Si
4136 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLU 3	3.87	-16.87	0.3328	125.79	589.31	0	125.79	2.5	0.0010053	32.5363	Si
4683 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLU 7	-4.12	-99.39	-3.678	135.47	599.32	0	135.47	2.5	0.0010053	32.9002	Si
333 Prosp.A	Verticale	0.252	0.5	Non necessaria	0	SLV 13	1.91	-1.17	-1.9598	64.85	322.01	0	64.85	2.5	0.0005027	33.9204	Si
4423 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLV 1	1.89	4.06	0.4344	66.56	298.43	0	66.56	2.5	0.0006032	35.1799	Si
812 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLU 3	3.25	-14.57	1.2669	125.52	589.03	0	125.52	2.5	0.0010053	38.5752	Si
4701 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLV 1	1.72	3.16	0.8379	66.56	298.43	0	66.56	2.5	0.0006032	38.6379	Si
4994 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLV 1	1.69	-3.14	1.4321	66.93	298.81	0	66.93	2.5	0.0006032	39.5229	Si
5400 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLU 3	3.17	5.48	-2.154	125.81	602.84	0	125.81	2.5	0.0010053	39.6514	Si
3545 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLV 13	-3.3	-44.62	-5.6958	131.07	608.28	0	131.07	2.5	0.0010053	39.7215	Si
3548 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLU 3	3.15	-27.94	-1.0118	127.08	590.65	0	127.08	2.5	0.0010053	40.3731	Si
4417 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLU 3	3.08	-11.42	1.4695	125.15	588.65	0	125.15	2.5	0.0010053	40.6981	Si
5408 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLV 1	1.51	-15.15	1.5318	68.33	300.26	0	68.33	2.5	0.0006032	45.1304	Si
3252 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLV 13	-2.69	-16.52	-1.936	125.74	589.27	0	125.74	2.5	0.0010053	46.8226	Si
4403 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLU 7	-2.69	-98.67	-3.3428	135.38	599.23	0	135.38	2.5	0.0010053	50.3738	Si
4693 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLU 3	2.5	-17.34	2.3368	125.84	589.37	0	125.84	2.5	0.0010053	50.4146	Si
4987 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLU 3	2.31	-28.83	2.6374	127.19	590.76	0	127.19	2.5	0.0010053	55.0855	Si
4413 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLU 1	2.27	-49.02	-2.1841	131.59	608.82	0	131.59	2.5	0.0010053	57.85	Si
5406 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLU 7	2.2	-55.01	2.9221	130.26	593.94	0	130.26	2.5	0.0010053	59.1754	Si
4690 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLV 15	1.95	-35.34	-1.4388	129.98	607.15	0	129.98	2.5	0.0010053	66.629	Si
3773 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLU 1	1.9	-58.65	-3.8795	132.73	610	0	132.73	2.5	0.0010053	69.7407	Si
3763 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLV 9	-1.93	-89.77	-3.9876	134.34	598.15	0	134.34	2.5	0.0010053	69.7494	Si
4980 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLV 15	1.86	-42.51	-0.8087	130.82	608.03	0	130.82	2.5	0.0010053	70.4148	Si
5403 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLV 13	1.67	-38.79	-0.2166	130.38	607.57	0	130.38	2.5	0.0010053	78.0178	Si
4392 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLV 5	-0.85	-45.6	-1.3551	71.89	303.94	0	71.89	2.5	0.0006032	84.561	Si

Verifiche a taglio SLD Resistenza D.M. 17-01-18 §4.1.2.3.5

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
4136 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 15	-43.01	99.58	4.7912	125.66	643.71	0	125.66	2.5	0.0009208	2.922	Si
4417 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 15	-43.43	106.27	6.1844	129.4	643.71	0	129.4	2.5	0.0010053	2.9792	Si
4693 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 13	-40.52	98.77	7.7233	129.4	643.71	0	129.4	2.5	0.0010053	3.1936	Si
4987 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 13	-37.59	83.93	9.1354	129.4	643.71	0	129.4	2.5	0.0010053	3.4424	Si
3548 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 15	-37.47	87.68	4.35	129.4	643.71	0	129.4	2.5	0.0010053	3.4537	Si
5751 Prosp.A	Verticale	0.252	0.5	Non necessaria	0	SLD 1	-17.25	63.09	-11.0413	61.8	321.85	0	61.8	2.5	0.0004021	3.5832	Si
5406 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 13	-36.83	-71	10.2182	138.34	652.96	0	138.34	2.5	0.0010053	3.7559	Si
5745 Prosp.A	Verticale	0.252	0.5	Non necessaria	0	SLD 13	-18.75	-116.81	5.3569	76.52	337.08	0	76.52	2.5	0.0004021	4.0805	Si
3243 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 13	28.9	136.9	-4.093	129.4	643.71	0	129.4	2.5	0.0010053	4.4775	Si
5398 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 1	-28.22	51.82	-20.1668	129.4	643.71	0	129.4	2.5	0.0010053	4.5847	Si

Vano di equalizzazione e sedimentazione meccanica

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
4980 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 13	-28.2	46.04	-5.2569	129.4	643.71	0	129.4	2.5	0.0010053	4.5892	Si
4690 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 13	-28.11	73.98	-6.6133	129.4	643.71	0	129.4	2.5	0.0010053	4.6038	Si
5403 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 13	-28.17	-31.69	-4.3941	133.39	647.84	0	133.39	2.5	0.0010053	4.7357	Si
4413 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 15	-27.32	80.73	-7.7069	129.4	643.71	0	129.4	2.5	0.0010053	4.7369	Si
5747 Prosp.A	Verticale	0.252	0.5	Non necessaria	0	SLD 13	-14.1	-43.03	-2.0958	67.22	327.46	0	67.22	2.5	0.0004021	4.7667	Si
3252 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 15	-26.78	62.93	4.1069	129.4	643.71	0	129.4	2.5	0.0010053	4.8318	Si
3773 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 15	-25.02	84.6	-8.8162	129.15	643.71	0	129.15	2.5	0.0009996	5.1619	Si
803 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 13	24.84	76.14	-0.2489	129.4	643.71	0	129.4	2.5	0.0010053	5.2083	Si
5749 Prosp.A	Verticale	0.252	0.5	Non necessaria	0	SLD 1	-10.69	20.96	-4.5112	61.8	321.85	0	61.8	2.5	0.0004021	5.7794	Si
631 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLD 13	11.47	-13.72	1.5221	67.06	300.08	0	67.06	2.5	0.0005736	5.8468	Si
455 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLD 13	11.46	-15.04	-3.9976	68.32	300.24	0	68.32	2.5	0.0006032	5.9614	Si
3545 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 15	-21.01	82.17	-9.0674	129.4	643.71	0	129.4	2.5	0.0010053	6.1591	Si
5400 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 1	-20.73	28.66	-8.8944	129.4	643.71	0	129.4	2.5	0.0010053	6.2424	Si
3763 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 13	18.91	10.92	-12.5563	129.4	643.71	0	129.4	2.5	0.0010053	6.8438	Si
4974 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 9	-18.86	27.13	-13.1238	129.4	643.71	0	129.4	2.5	0.0010053	6.8603	Si
3508 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 13	18.49	73.7	-8.6508	129.4	643.71	0	129.4	2.5	0.0010053	6.9976	Si
4403 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 15	17.8	0.7	-14.6156	129.4	643.71	0	129.4	2.5	0.0010053	7.27	Si
4968 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 1	-17.77	10.59	-16.5415	129.4	643.71	0	129.4	2.5	0.0010053	7.2824	Si
4686 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 9	-16.32	36.84	-13.1303	129.4	643.71	0	129.4	2.5	0.0010053	7.928	Si
394 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLD 13	15.39	-31.92	-6.1621	127.55	591.13	0	127.55	2.5	0.0010053	8.2898	Si
3248 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 15	-15.51	72.29	-7.7844	129.4	643.71	0	129.4	2.5	0.0010053	8.3422	Si
812 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 15	-14.55	32.61	3.2039	129.4	643.71	0	129.4	2.5	0.0010053	8.8944	Si
665 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 13	14.32	7.19	-0.1135	129.4	643.71	0	129.4	2.5	0.0010053	9.0383	Si
769 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLD 13	7.14	-15.11	2.6901	68.33	300.25	0	68.33	2.5	0.0006032	9.5749	Si
394 Prosp.A	Verticale	0.252	0.5	Non necessaria	0	SLD 13	6.76	0.75	-0.8222	64.7	321.85	0	64.7	2.5	0.0005027	9.5757	Si
4408 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 1	-13.46	47.64	-8.4316	129.4	643.71	0	129.4	2.5	0.0010053	9.6148	Si
919 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLD 13	6.86	-9.15	2.8476	67.63	299.53	0	67.63	2.5	0.0006032	9.8535	Si
4683 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 1	-12.52	18.04	-14.0337	129.4	643.71	0	129.4	2.5	0.0010053	10.3353	Si
665 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLD 13	11.26	-39.91	-0.4975	126.88	592.1	0	126.88	2.5	0.0009666	11.2649	Si
3489 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLD 15	-6.02	-29.58	-0.1255	70.02	302	0	70.02	2.5	0.0006032	11.6367	Si
3768 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 3	-10.8	59.33	-7.3734	129.4	643.71	0	129.4	2.5	0.0010053	11.979	Si
3243 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLD 15	-10.97	-129.04	-1.2527	138.94	602.92	0	138.94	2.5	0.0010053	12.6706	Si
149 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLD 3	5.15	-11.06	-1.9721	67.85	299.76	0	67.85	2.5	0.0006032	13.1786	Si
809 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 15	-9.71	51.57	-5.3568	129.4	643.71	0	129.4	2.5	0.0010053	13.3305	Si
674 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLD 3	5.01	-11.18	0.6163	67.71	299.78	0	67.71	2.5	0.0005988	13.5235	Si
3246 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLD 13	-9.76	-70.16	0.0194	134.09	611.4	0	134.09	2.5	0.0010053	13.7372	Si
3246 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 13	9.32	90.84	-7.5264	129.4	643.71	0	129.4	2.5	0.0010053	13.8901	Si
672 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 3	-9.14	8.65	0.7296	129.4	643.71	0	129.4	2.5	0.0010053	14.1555	Si
210 Prosp.A	Verticale	0.252	0.5	Non necessaria	0	SLD 3	-4.42	-1.63	-0.3333	64.9	322.07	0	64.9	2.5	0.0005027	14.6856	Si
210 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLD 3	8.49	-28.64	-4.4647	127.17	590.74	0	127.17	2.5	0.0010053	14.974	Si
672 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLD 3	8.45	-31.64	-0.2761	126.92	591.1	0	126.92	2.5	0.0009909	15.0288	Si
807 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 13	8.25	63.55	-5.0046	129.4	643.71	0	129.4	2.5	0.0010053	15.6862	Si
3541 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 3	-8.09	77.67	-6.3738	129.4	643.71	0	129.4	2.5	0.0010053	16.0023	Si
4956 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLD 15	-4.11	-21.43	-1.9985	69.06	301.02	0	69.06	2.5	0.0006032	16.7997	Si
803 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLD 13	7.63	-45.74	1.4274	129.17	592.81	0	129.17	2.5	0.0010053	16.9229	Si
5387 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLD 15	-4.09	-23.94	-3.1947	69.36	301.32	0	69.36	2.5	0.0006032	16.9411	Si
333 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLD 9	6.32	-41.73	-3.9015	130.73	607.93	0	130.73	2.5	0.0010053	20.6959	Si
670 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLD 3	6.15	-43.18	-1.5176	129.99	608.11	0	129.99	2.5	0.0009835	21.1419	Si
271 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLD 3	6.19	-43.71	-4.8152	130.96	608.17	0	130.96	2.5	0.0010053	21.1535	Si
667 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLD 9	6.07	-42.01	0.1432	129.52	607.97	0	129.52	2.5	0.0009757	21.3317	Si
3508 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLD 13	-6.03	-53.57	-2.3144	130.09	593.76	0	130.09	2.5	0.0010053	21.5634	Si

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
3248 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLD 13	-5.73	-52.97	-2.4123	132.06	609.3	0	132.06	2.5	0.0010053	23.028	Si
807 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLD 13	-5	-30.52	2.5389	129.41	606.56	0	129.41	2.5	0.0010053	25.8854	Si
5398 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLD 3	-4.59	-29.18	-3.858	127.23	590.8	0	127.23	2.5	0.0010053	27.6916	Si
4968 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLD 3	-4.6	-40.33	-2.8934	128.54	592.15	0	128.54	2.5	0.0010053	27.9597	Si
667 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 13	4.56	24.44	-3.3718	129.4	643.71	0	129.4	2.5	0.0010053	28.3769	Si
3541 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLD 13	-4.59	-69.37	-4.7517	133.99	611.3	0	133.99	2.5	0.0010053	29.1822	Si
670 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 7	-4.3	25.93	-2.5238	129.4	643.71	0	129.4	2.5	0.0010053	30.1246	Si
3551 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLD 1	2.16	-5.29	0.3586	67.18	299.07	0	67.18	2.5	0.0006032	31.1206	Si
3259 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLD 1	2.11	-9.17	0.2276	67.63	299.53	0	67.63	2.5	0.0006032	31.9826	Si
814 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLD 1	2.07	-13.77	0.2165	68.17	300.09	0	68.17	2.5	0.0006032	32.9951	Si
4670 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLD 15	-1.97	-47.91	-1.8606	72.16	304.22	0	72.16	2.5	0.0006032	36.6619	Si
809 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLD 15	-3.54	-35.52	1.2248	130	607.17	0	130	2.5	0.0010053	36.7055	Si
4139 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLD 1	1.75	0.09	0.6328	66.56	298.43	0	66.56	2.5	0.0006032	37.9789	Si
4683 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLD 1	-3.13	-73.01	-2.4993	132.37	596.12	0	132.37	2.5	0.0010053	42.3328	Si
3751 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLD 11	1.75	-69.56	-0.4926	74.69	306.83	0	74.69	2.5	0.0006032	42.7631	Si
271 Prosp.A	Verticale	0.252	0.5	Non necessaria	0	SLD 3	-1.48	2.89	-1.1853	64.7	321.85	0	64.7	2.5	0.0005027	43.7867	Si
4423 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLD 1	1.48	3.93	0.8713	66.56	298.43	0	66.56	2.5	0.0006032	45.0164	Si
4136 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLD 1	2.65	-14.42	0.6473	125.5	589.01	0	125.5	2.5	0.0010053	47.2832	Si
4701 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLD 1	1.35	3.15	1.0197	66.56	298.43	0	66.56	2.5	0.0006032	49.2043	Si
333 Prosp.A	Verticale	0.252	0.5	Non necessaria	0	SLD 13	1.31	1.03	-1.4249	64.7	321.85	0	64.7	2.5	0.0005027	49.4275	Si
4994 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLD 1	1.32	-4.05	1.4739	67.03	298.92	0	67.03	2.5	0.0006032	50.924	Si
5400 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLD 1	2.46	2.99	-1.4846	125.81	602.84	0	125.81	2.5	0.0010053	51.1614	Si
812 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLD 1	2.43	-8.71	0.8352	124.83	588.32	0	124.83	2.5	0.0010053	51.4447	Si
3548 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLD 3	2.39	-20.98	0.2913	126.27	589.81	0	126.27	2.5	0.0010053	52.874	Si
5408 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLD 1	1.27	-15.92	1.5725	68.42	300.35	0	68.42	2.5	0.0006032	53.9697	Si
3545 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLD 13	-2.43	-47.41	-4.5389	131.4	608.62	0	131.4	2.5	0.0010053	54.1091	Si
4417 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLD 1	2.17	-12.46	1.1931	125.27	588.77	0	125.27	2.5	0.0010053	57.676	Si
4403 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLD 5	-2.26	-83.57	-2.9218	133.61	597.4	0	133.61	2.5	0.0010053	59.2477	Si
3252 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLD 1	2.07	-6.05	0.6837	124.52	588	0	124.52	2.5	0.0010053	60.0485	Si
4693 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLD 1	1.89	-15.44	1.5624	125.62	589.13	0	125.62	2.5	0.0010053	66.557	Si
4987 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLD 5	1.76	-20.52	1.4121	126.21	589.75	0	126.21	2.5	0.0010053	71.7423	Si
4413 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLD 15	1.74	-36.34	-2.1199	130.09	607.27	0	130.09	2.5	0.0010053	74.5639	Si
5406 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLD 5	1.7	-36.98	1.9396	128.15	591.75	0	128.15	2.5	0.0010053	75.3379	Si
3763 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLD 9	-1.57	-79.99	-3.5422	133.19	596.97	0	133.19	2.5	0.0010053	84.7861	Si
4690 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLD 15	1.48	-35.97	-1.123	130.05	607.23	0	130.05	2.5	0.0010053	88.1014	Si
4980 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLD 13	1.41	-41.21	-0.7163	130.67	607.87	0	130.67	2.5	0.0010053	92.9865	Si
3773 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLD 15	1.33	-40.77	-3.3457	130.62	607.81	0	130.62	2.5	0.0010053	97.949	Si
5403 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLD 13	1.3	-39.35	-0.0913	130.45	607.64	0	130.45	2.5	0.0010053	100.2564	Si
4392 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLD 5	-0.59	-37.89	-1.158	70.99	303.01	0	70.99	2.5	0.0006032	120.7618	Si

Verifiche SLE tensione calcestruzzo D.M. 17-01-18 §4.1.2.2.5.1

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	oc	oc limite	Es/Ec	c.s.	Verifica
5745 Prosp.A	Verticale	SLE QP 2	6.387	-115.16	No	-1477	13073	15	8.8524	Si
5745 Prosp.A	Verticale	SLE RA 4	6.3878	-115.16	No	-1477	17430	15	11.8027	Si
4968 Prosp.A	Verticale	SLE QP 2	-18.7655	2.52	No	-1090	13073	15	11.9899	Si
5398 Prosp.A	Verticale	SLE QP 2	-21.2892	52.52	No	-1086	13073	15	12.0318	Si
5751 Prosp.A	Verticale	SLE QP 1	-10.6131	34.17	No	-1062	13073	15	12.3069	Si
4683 Prosp.A	Verticale	SLE QP 2	-16.3778	10.02	No	-928	13073	15	14.0884	Si
5406 Prosp.A	Verticale	SLE QP 1	12.2032	-67.42	No	-918	13073	15	14.2373	Si
4968 Prosp.A	Verticale	SLE RA 3	-18.7609	2.36	No	-1090	17430	15	15.9836	Si
5398 Prosp.A	Verticale	SLE RA 4	-21.2947	52.62	No	-1087	17430	15	16.0421	Si
4403 Prosp.A	Verticale	SLE QP 2	-14.0999	4.88	No	-810	13073	15	16.1359	Si
5751 Prosp.A	Verticale	SLE RA 1	-10.6131	34.17	No	-1062	17430	15	16.4092	Si
5749 Prosp.A	Verticale	SLE QP 1	-5.8347	-8.85	No	-754	13073	15	17.3262	Si
4683 Prosp.A	Verticale	SLE RA 3	-16.3811	9.98	No	-928	17430	15	18.7782	Si
5406 Prosp.A	Verticale	SLE RA 1	12.2032	-67.42	No	-918	17430	15	18.9831	Si
5400 Prosp.A	Verticale	SLE QP 3	-11.5552	1.12	No	-673	13073	15	19.4335	Si
3508 Prosp.A	Orizzontale	SLE QP 2	-5.0853	-104.28	No	-637	13073	15	20.5292	Si
3763 Prosp.A	Verticale	SLE QP 2	-11.8569	19.02	No	-636	13073	15	20.5507	Si
4974 Prosp.A	Verticale	SLE QP 3	-11.5187	14.69	No	-629	13073	15	20.7682	Si
4403 Prosp.A	Verticale	SLE RA 4	-14.1019	4.89	No	-810	17430	15	21.5114	Si
4686 Prosp.A	Verticale	SLE QP 4	-11.5189	22.91	No	-605	13073	15	21.6235	Si

Vano di equalizzazione e sedimentazione meccanica

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	oc	oc limite	Es/Ec	c.s.	Verifica
5749 Prosp.A	Verticale	SLE RA 1	-5.8347	-8.85	No	-754	17430	15	23.1016	Si
4408 Prosp.A	Verticale	SLE QP 4	-10.907	30.11	No	-547	13073	15	23.9012	Si
3243 Prosp.A	Orizzontale	SLE QP 2	-2.6718	-123.27	No	-546	13073	15	23.9503	Si
3763 Prosp.A	Orizzontale	SLE QP 2	-3.9043	-93.78	No	-531	13073	15	24.61	Si
4392 Prosp.A	Orizzontale	SLE QP 2	-1.5049	-57.16	No	-520	13073	15	25.1223	Si
4670 Prosp.A	Orizzontale	SLE QP 2	-1.7826	-51.23	No	-518	13073	15	25.2178	Si
455 Prosp.A	Orizzontale	SLE QP 2	-3.3731	-18.84	No	-516	13073	15	25.3217	Si
5387 Prosp.A	Orizzontale	SLE QP 2	-2.9552	-26.2	No	-510	13073	15	25.6342	Si
5400 Prosp.A	Verticale	SLE RA 10	-11.5478	0.86	No	-673	17430	15	25.8975	Si
3541 Prosp.A	Orizzontale	SLE QP 2	-4.0882	-78.22	No	-485	13073	15	26.961	Si
3508 Prosp.A	Orizzontale	SLE RA 3	-5.0921	-105.99	No	-642	17430	15	27.1301	Si
3763 Prosp.A	Verticale	SLE RA 3	-11.8663	18.84	No	-637	17430	15	27.3535	Si
4974 Prosp.A	Verticale	SLE RA 10	-11.5046	14.33	No	-630	17430	15	27.6796	Si
394 Prosp.A	Orizzontale	SLE QP 2	-5.4976	-39.28	No	-462	13073	15	28.3082	Si
4956 Prosp.A	Orizzontale	SLE QP 2	-2.1292	-34.11	No	-458	13073	15	28.5382	Si
4686 Prosp.A	Verticale	SLE RA 8	-11.4977	22.3	No	-605	17430	15	28.8026	Si
4403 Prosp.A	Orizzontale	SLE QP 2	-2.8915	-87.09	No	-448	13073	15	29.1919	Si
3768 Prosp.A	Verticale	SLE QP 4	-9.69	42.01	No	-440	13073	15	29.7314	Si
4987 Prosp.A	Verticale	SLE QP 1	10.5987	60.95	No	-436	13073	15	30.0171	Si
3243 Prosp.A	Orizzontale	SLE RA 3	-2.7808	-125.91	No	-561	17430	15	31.0852	Si
4408 Prosp.A	Verticale	SLE RA 8	-10.8836	28.92	No	-549	17430	15	31.7379	Si
3763 Prosp.A	Orizzontale	SLE RA 3	-3.9001	-95.42	No	-536	17430	15	32.5181	Si
3751 Prosp.A	Orizzontale	SLE QP 2	-0.8682	-50.03	No	-402	13073	15	32.5474	Si
333 Prosp.A	Orizzontale	SLE QP 2	-4.1477	-48.07	No	-397	13073	15	32.9149	Si
3768 Prosp.A	Orizzontale	SLE QP 2	-3.2662	-65.65	No	-397	13073	15	32.9327	Si
4392 Prosp.A	Orizzontale	SLE RA 3	-1.5004	-58.11	No	-525	17430	15	33.1714	Si
4670 Prosp.A	Orizzontale	SLE RA 3	-1.7837	-52.12	No	-524	17430	15	33.2773	Si
5387 Prosp.A	Orizzontale	SLE RA 3	-3.003	-27.34	No	-522	17430	15	33.3619	Si
4683 Prosp.A	Orizzontale	SLE QP 2	-2.6662	-73.43	No	-392	13073	15	33.3726	Si
455 Prosp.A	Orizzontale	SLE RA 3	-3.4039	-19.09	No	-521	17430	15	33.4264	Si
807 Prosp.A	Orizzontale	SLE QP 2	2.8043	-71.12	No	-386	13073	15	33.9088	Si
4968 Prosp.A	Orizzontale	SLE QP 2	-3.1644	-60.9	No	-384	13073	15	34.0494	Si
271 Prosp.A	Orizzontale	SLE QP 2	-3.985	-46.15	No	-381	13073	15	34.268	Si
3545 Prosp.A	Orizzontale	SLE QP 2	-3.4184	-55.01	No	-374	13073	15	34.9576	Si
3541 Prosp.A	Orizzontale	SLE RA 3	-4.0873	-79.44	No	-489	17430	15	35.68	Si
394 Prosp.A	Orizzontale	SLE RA 3	-5.5448	-39.85	No	-466	17430	15	37.3657	Si
4956 Prosp.A	Orizzontale	SLE RA 3	-2.1301	-35.1	No	-464	17430	15	37.5593	Si
5747 Prosp.A	Verticale	SLE QP 3	-0.6912	-42.14	No	-343	13073	15	38.1179	Si
4403 Prosp.A	Orizzontale	SLE RA 3	-2.8921	-88.64	No	-453	17430	15	38.5087	Si
769 Prosp.A	Orizzontale	SLE QP 4	2.0069	-16.47	No	-338	13073	15	38.6256	Si
3768 Prosp.A	Verticale	SLE RA 7	-9.6551	38.84	No	-447	17430	15	38.97	Si
5398 Prosp.A	Orizzontale	SLE QP 2	-3.9763	-27.57	No	-331	13073	15	39.4451	Si
919 Prosp.A	Orizzontale	SLE QP 2	2.2046	-10.91	No	-329	13073	15	39.7286	Si
4987 Prosp.A	Verticale	SLE RA 1	10.5987	60.95	No	-436	17430	15	40.0228	Si
809 Prosp.A	Orizzontale	SLE QP 2	2.2243	-62.33	No	-324	13073	15	40.3827	Si
4408 Prosp.A	Orizzontale	SLE QP 2	-2.1889	-61.92	No	-320	13073	15	40.8101	Si
3248 Prosp.A	Orizzontale	SLE QP 2	-1.9715	-64.64	No	-315	13073	15	41.4536	Si
210 Prosp.A	Orizzontale	SLE QP 2	-3.4575	-30.73	No	-309	13073	15	42.3038	Si
3751 Prosp.A	Orizzontale	SLE RA 3	-0.861	-50.33	No	-403	17430	15	43.2932	Si
333 Prosp.A	Orizzontale	SLE RA 3	-4.1825	-48.72	No	-401	17430	15	43.4395	Si
3768 Prosp.A	Orizzontale	SLE RA 3	-3.2506	-66.89	No	-400	17430	15	43.5999	Si
4683 Prosp.A	Orizzontale	SLE RA 3	-2.6669	-74.98	No	-397	17430	15	43.9567	Si
5408 Prosp.A	Orizzontale	SLE QP 2	1.6254	-16.97	No	-296	13073	15	44.2069	Si
3541 Prosp.A	Verticale	SLE QP 4	-8.8846	74.71	No	-294	13073	15	44.5359	Si
3773 Prosp.A	Orizzontale	SLE QP 2	-2.6087	-44.5	No	-293	13073	15	44.6162	Si
4968 Prosp.A	Orizzontale	SLE RA 3	-3.172	-62.38	No	-389	17430	15	44.8131	Si
807 Prosp.A	Orizzontale	SLE RA 3	2.7944	-72.17	No	-388	17430	15	44.9124	Si
271 Prosp.A	Orizzontale	SLE RA 3	-4.0205	-46.74	No	-385	17430	15	45.2223	Si
3545 Prosp.A	Orizzontale	SLE RA 3	-3.4146	-55.69	No	-376	17430	15	46.3841	Si
4686 Prosp.A	Orizzontale	SLE QP 4	-1.8074	-53.75	No	-272	13073	15	47.9876	Si
4693 Prosp.A	Verticale	SLE QP 2	9.2273	91.21	No	-264	13073	15	49.5904	Si
803 Prosp.A	Orizzontale	SLE QP 2	1.7572	-49.92	No	-263	13073	15	49.729	Si
5747 Prosp.A	Verticale	SLE RA 10	-0.7429	-42.17	No	-349	17430	15	49.8972	Si
769 Prosp.A	Orizzontale	SLE RA 7	1.9962	-17.48	No	-343	17430	15	50.7895	Si
4974 Prosp.A	Orizzontale	SLE QP 4	-1.7721	-48.8	No	-255	13073	15	51.2043	Si
5398 Prosp.A	Orizzontale	SLE RA 3	-4.0387	-28.91	No	-339	17430	15	51.3536	Si
5406 Prosp.A	Orizzontale	SLE QP 2	2.0525	-40.85	No	-253	13073	15	51.6293	Si
3489 Prosp.A	Orizzontale	SLE QP 4	1.0177	-21.55	No	-250	13073	15	52.2604	Si
919 Prosp.A	Orizzontale	SLE RA 3	2.2073	-11.5	No	-333	17430	15	52.3595	Si
3489 Prosp.A	Orizzontale	SLE QP 2	-0.9221	-23.37	No	-250	13073	15	52.389	Si
809 Prosp.A	Orizzontale	SLE RA 3	2.2166	-62.98	No	-325	17430	15	53.5956	Si
149 Prosp.A	Orizzontale	SLE QP 2	-1.4436	-11.74	No	-243	13073	15	53.8321	Si
4408 Prosp.A	Orizzontale	SLE RA 3	-2.1795	-63.08	No	-323	17430	15	53.9184	Si
812 Prosp.A	Orizzontale	SLE QP 2	2.3244	-31.41	No	-241	13073	15	54.2643	Si
3248 Prosp.A	Orizzontale	SLE RA 3	-1.98	-65.3	No	-318	17430	15	54.8318	Si
210 Prosp.A	Orizzontale	SLE RA 3	-3.4898	-31.2	No	-312	17430	15	55.7834	Si
3541 Prosp.A	Verticale	SLE RA 7	-8.8318	68.44	No	-309	17430	15	56.3296	Si
631 Prosp.A	Orizzontale	SLE QP 4	1.2925	-12.36	No	-230	13073	15	56.9456	Si
3508 Prosp.A	Verticale	SLE QP 4	-7.8998	77.8	No	-227	13073	15	57.7043	Si
5408 Prosp.A	Orizzontale	SLE RA 3	1.6352	-17.16	No	-298	17430	15	58.4891	Si

Verifiche SLE tensione acciaio D.M. 17-01-18 §4.1.2.2.5.2

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	of	of limite	Es/Ec	c.s.	Verifica
5751 Prosp.A	Verticale	SLE RA 3	-11.4706	66.71	No	20209	360000	15	17.8139	Si
5398 Prosp.A	Verticale	SLE RA 3	-21.3029	53.09	No	15125	360000	15	23.8019	Si
3243 Prosp.A	Verticale	SLE RA 1	-4.4364	196.75	No	11586	360000	15	31.0708	Si
4968 Prosp.A	Verticale	SLE RA 1	-18.7614	2.63	No	11316	360000	15	31.8143	Si
4987 Prosp.A	Verticale	SLE RA 3	11.0782	89.13	No	10661	360000	15	33.7687	Si
4693 Prosp.A	Verticale	SLE RA 3	9.7257	105.62	No	10602	360000	15	33.9543	Si
4683 Prosp.A	Verticale	SLE RA 4	-16.3805	10.01	No	10230	360000	15	35.1897	Si
3541 Prosp.A	Verticale	SLE RA 1	-9.069	98.09	No	9869	360000	15	36.4792	Si
4417 Prosp.A	Verticale	SLE RA 3	7.9987	110.17	No	9779	360000	15	36.8144	Si
3508 Prosp.A	Verticale	SLE RA 1	-8.2397	103.59	No	9624	360000	15	37.4073	Si
3246 Prosp.A	Verticale	SLE RA 1	-6.0045	129.77	No	9479	360000	15	37.9777	Si
3768 Prosp.A	Verticale	SLE RA 1	-10.4688	70.91	No	9469	360000	15	38.0172	Si
4408 Prosp.A	Verticale	SLE RA 1	-11.3851	56.38	No	9356	360000	15	38.478	Si
4686 Prosp.A	Verticale	SLE RA 1	-11.7786	41.85	No	8931	360000	15	40.3103	Si
5749 Prosp.A	Verticale	SLE RA 3	-5.7183	19.64	No	8814	360000	15	40.8449	Si

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	of	of limite	Es/Ec	c.s.	Verifica
4403 Prosp.A	Verticale	SLE RA 4	-13.1456	20.47	No	8775	360000	15	41.0264	Si
4136 Prosp.A	Verticale	SLE RA 4	6.2872	108.48	No	8758	360000	15	41.1072	Si
3763 Prosp.A	Verticale	SLE RA 1	-10.8839	44.97	No	8538	360000	15	42.1639	Si
4974 Prosp.A	Verticale	SLE RA 1	-11.685	28.29	No	8259	360000	15	43.5914	Si
3548 Prosp.A	Verticale	SLE RA 1	5.9769	99.14	No	8071	360000	15	44.6027	Si
5400 Prosp.A	Verticale	SLE RA 3	-11.4043	25.56	No	7967	360000	15	45.1868	Si
3545 Prosp.A	Verticale	SLE RA 1	-5.9433	95.82	No	7900	360000	15	45.5679	Si
3773 Prosp.A	Verticale	SLE RA 1	-5.4786	93.95	No	7542	360000	15	47.7298	Si
3248 Prosp.A	Verticale	SLE RA 1	-5.0494	99.64	No	7540	360000	15	47.7445	Si
3252 Prosp.A	Verticale	SLE RA 1	5.2084	85.16	No	6977	360000	15	51.5961	Si
807 Prosp.A	Verticale	SLE RA 1	-3.9331	98.22	No	6809	360000	15	52.8674	Si
803 Prosp.A	Verticale	SLE RA 1	-1.6267	124.43	No	6624	360000	15	54.348	Si
4413 Prosp.A	Verticale	SLE RA 1	-4.4333	85.45	No	6528	360000	15	55.1485	Si
809 Prosp.A	Verticale	SLE RA 1	-3.6043	79.58	No	5767	360000	15	62.4285	Si
4690 Prosp.A	Verticale	SLE RA 10	-3.6676	73.47	No	5527	360000	15	65.1369	Si
5406 Prosp.A	Verticale	SLE RA 3	11.6392	-38.56	No	5194	360000	15	69.3101	Si
812 Prosp.A	Verticale	SLE RA 4	3.8636	57.72	No	4928	360000	15	73.0541	Si
3243 Prosp.A	Orizzontale	SLE RA 10	-2.5277	-116.14	No	-4027	360000	15	89.3887	Si
4980 Prosp.A	Verticale	SLE RA 7	-2.4582	46.17	No	3565	360000	15	100.9891	Si
667 Prosp.A	Verticale	SLE RA 3	-2.4635	42.63	No	3407	360000	15	105.666	Si
4392 Prosp.A	Orizzontale	SLE RA 10	-1.5597	-54.43	No	-3250	360000	15	110.7685	Si
670 Prosp.A	Verticale	SLE RA 3	-2.3498	39.61	No	3202	360000	15	112.4391	Si
3751 Prosp.A	Orizzontale	SLE RA 10	-0.7337	-41.3	No	-2929	360000	15	122.8885	Si
4670 Prosp.A	Orizzontale	SLE RA 10	-1.8227	-48.24	No	-2426	360000	15	148.3754	Si
4403 Prosp.A	Orizzontale	SLE RA 10	-2.8436	-84.16	No	-2379	360000	15	151.3072	Si
672 Prosp.A	Verticale	SLE RA 1	1.7851	27.67	No	2322	360000	15	155.0228	Si
665 Prosp.A	Verticale	SLE RA 1	-1.019	35.3	No	2212	360000	15	162.7515	Si
5745 Prosp.A	Verticale	SLE RA 3	6.0474	-56.21	No	2197	360000	15	163.877	Si
3763 Prosp.A	Orizzontale	SLE RA 1	-3.9065	-92.32	No	-2191	360000	15	164.3305	Si
3751 Prosp.A	Orizzontale	SLE RA 1	0.129	-25.37	No	-2131	360000	15	168.9063	Si
271 Prosp.A	Verticale	SLE RA 3	-0.9465	10.6	No	2093	360000	15	171.9865	Si
3508 Prosp.A	Orizzontale	SLE RA 1	-5.0771	-102.75	No	-2050	360000	15	175.6501	Si
455 Prosp.A	Orizzontale	SLE RA 7	-3.306	-17.23	No	1869	360000	15	192.6131	Si
4683 Prosp.A	Orizzontale	SLE RA 10	-2.6416	-70.71	No	-1865	360000	15	193.0676	Si
3246 Prosp.A	Orizzontale	SLE RA 10	0.4911	-41.85	No	-1645	360000	15	218.8349	Si
333 Prosp.A	Verticale	SLE RA 3	-0.9366	5.65	No	1632	360000	15	220.6278	Si
4408 Prosp.A	Orizzontale	SLE RA 10	-2.1932	-60.77	No	-1617	360000	15	222.6706	Si
4701 Prosp.A	Orizzontale	SLE RA 1	1.2184	3.9	No	1603	360000	15	224.5269	Si
4994 Prosp.A	Orizzontale	SLE RA 1	1.3341	2.24	No	1574	360000	15	228.6849	Si
5408 Prosp.A	Orizzontale	SLE RA 1	1.4973	-0.09	No	1535	360000	15	234.5292	Si
4423 Prosp.A	Orizzontale	SLE RA 1	1.0362	4.51	No	1471	360000	15	244.8091	Si
4686 Prosp.A	Orizzontale	SLE RA 10	-1.8163	-52.9	No	-1456	360000	15	247.2436	Si
3248 Prosp.A	Orizzontale	SLE RA 10	-1.9769	-54.48	No	-1444	360000	15	249.289	Si
919 Prosp.A	Orizzontale	SLE RA 1	2.2028	-10.39	No	1343	360000	15	268.0604	Si
807 Prosp.A	Orizzontale	SLE RA 10	2.6797	-59.88	No	-1323	360000	15	272.1749	Si
3541 Prosp.A	Orizzontale	SLE RA 10	-3.8881	-72.58	No	-1269	360000	15	283.6267	Si
809 Prosp.A	Orizzontale	SLE RA 10	2.077	-51.5	No	-1256	360000	15	286.5683	Si
3768 Prosp.A	Orizzontale	SLE RA 1	-3.2794	-64.54	No	-1221	360000	15	294.7315	Si
803 Prosp.A	Orizzontale	SLE RA 10	1.7316	-45.32	No	-1174	360000	15	306.5648	Si
394 Prosp.A	Orizzontale	SLE RA 10	-5.2106	-34.94	No	1160	360000	15	310.4642	Si
394 Prosp.A	Verticale	SLE RA 3	-0.7465	2.71	No	1137	360000	15	316.6393	Si
3246 Prosp.A	Orizzontale	SLE RA 10	-0.5463	-30.9	No	-1119	360000	15	321.7136	Si
3489 Prosp.A	Orizzontale	SLE RA 1	-0.9203	-22.91	No	-1096	360000	15	328.4073	Si
5403 Prosp.A	Verticale	SLE RA 7	-1.8359	-2.06	No	1002	360000	15	359.2364	Si
5398 Prosp.A	Orizzontale	SLE RA 10	-3.6751	-20.88	No	992	360000	15	362.9677	Si
5400 Prosp.A	Orizzontale	SLE RA 3	-1.5864	3.55	No	989	360000	15	364.0962	Si
4690 Prosp.A	Orizzontale	SLE RA 1	-0.9199	-31.69	No	-960	360000	15	374.951	Si
769 Prosp.A	Orizzontale	SLE RA 1	2.0643	-13.93	No	884	360000	15	407.1625	Si
4413 Prosp.A	Orizzontale	SLE RA 1	-1.5104	-36.05	No	-850	360000	15	423.5057	Si
5387 Prosp.A	Orizzontale	SLE RA 10	-2.9202	-24.24	No	846	360000	15	425.5529	Si
3243 Prosp.A	Orizzontale	SLE RA 7	0.1099	-19.44	No	-841	360000	15	428.0075	Si
210 Prosp.A	Verticale	SLE RA 1	0.2855	4.92	No	788	360000	15	456.9965	Si
4139 Prosp.A	Orizzontale	SLE RA 1	0.7135	0.21	No	754	360000	15	477.5122	Si
4417 Prosp.A	Orizzontale	SLE RA 1	1.1853	0.41	No	651	360000	15	553.3543	Si
672 Prosp.A	Orizzontale	SLE RA 1	0.7903	-23	No	-644	360000	15	559.0372	Si
670 Prosp.A	Orizzontale	SLE RA 3	0.2294	-16.53	No	-633	360000	15	568.9307	Si
3773 Prosp.A	Orizzontale	SLE RA 10	-2.5883	-42.31	No	-572	360000	15	629.0029	Si
665 Prosp.A	Orizzontale	SLE RA 10	-0.784	-20.81	No	-547	360000	15	657.9639	Si
4980 Prosp.A	Orizzontale	SLE RA 10	0.2356	-14.52	No	-537	360000	15	670.8729	Si
667 Prosp.A	Orizzontale	SLE RA 10	-0.0545	-12.35	No	-534	360000	15	673.9572	Si
5403 Prosp.A	Orizzontale	SLE RA 1	0.5035	-17.27	No	-522	360000	15	689.7237	Si
3252 Prosp.A	Orizzontale	SLE RA 10	-0.4151	-15.59	No	-500	360000	15	719.7611	Si
4693 Prosp.A	Orizzontale	SLE RA 1	1.5672	-7.36	No	494	360000	15	728.2349	Si
919 Prosp.A	Orizzontale	SLE RA 10	-0.1206	-6.9	No	-491	360000	15	732.7533	Si
814 Prosp.A	Orizzontale	SLE RA 10	0.7159	-13.73	No	-488	360000	15	738.2681	Si
667 Prosp.A	Orizzontale	SLE RA 3	0.0686	-11.49	No	-487	360000	15	738.5962	Si
5747 Prosp.A	Verticale	SLE RA 7	-0.7616	-4.81	No	486	360000	15	740.0236	Si
3489 Prosp.A	Orizzontale	SLE RA 1	0.8776	-15.49	No	-478	360000	15	753.8853	Si
665 Prosp.A	Orizzontale	SLE RA 1	0.1281	-11.65	No	-473	360000	15	761.8318	Si
3545 Prosp.A	Orizzontale	SLE RA 10	-3.3789	-48.59	No	-445	360000	15	808.5247	Si
149 Prosp.A	Orizzontale	SLE RA 4	-1.4477	-11.79	No	440	360000	15	818.6658	Si
803 Prosp.A	Orizzontale	SLE RA 1	-0.5545	-15.79	No	-435	360000	15	826.8028	Si
4974 Prosp.A	Orizzontale	SLE RA 10	-1.6772	-28.68	No	-428	360000	15	841.0425	Si
210 Prosp.A	Orizzontale	SLE RA 1	-3.4246	-30.31	No	422	360000	15	852.4465	Si
4136 Prosp.A	Orizzontale	SLE RA 1	0.8307	-0.54	No	417	360000	15	862.3572	Si

Parete FILI 3-8

Verifiche condotte secondo D.M. 17-01-18 (N.T.C.)

Geometria



Caratteristiche dei materiali

Acciaio: B450C Fyk 450000

Calcestruzzo: C28/35 Rck 35000

Livelli significativi

Descrizione breve	Descrizione	Quota	Spessore
L1	Livello platea ribassata	-2.6	0
L2	Platea di fondazione vasca	-1.1	0
L3	Piano campagna	0	0
L4	Livello soletta paratoie	2.2	0
L5	Livello stramazzi	2.62	0

Verifiche nei nodi

Sezioni rettangolari

Descrizione	Dir.	Base	Altezza	As,sup	As,inf	c,sup	c,inf
5752 Prosp.A	Verticale	0.5	0.3	0.000402	0.000402	0.048	0.048
5399 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
3244 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
4694 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
4969 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
4988 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
4418 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
4137 Prosp.A	Verticale	1	0.3	0.000921	0.000921	0.048	0.048
5750 Prosp.A	Verticale	0.5	0.3	0.000402	0.000402	0.048	0.048
3247 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
4684 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
3542 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
3769 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
4409 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
3509 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
3549 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
4687 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
3546 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
4404 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
3774 Prosp.A	Verticale	1	0.3	0.001	0.001	0.048	0.048
3249 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
804 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
4975 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
3764 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
5401 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
3253 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
808 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
4414 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048

Descrizione	Dir.	Base	Altezza	As,sup	As,inf	c,sup	c,inf
4691 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
810 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
813 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
4981 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
5746 Prosp.A	Verticale	0.5	0.3	0.000402	0.000402	0.048	0.048
668 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
671 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
5407 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
673 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
666 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
281 Prosp.A	Verticale	0.5	0.3	0.000503	0.000503	0.048	0.048
5397 Prosp.A	Orizzontale	0.5	0.3	0.000603	0.000603	0.0663	0.0663
220 Prosp.A	Verticale	0.5	0.3	0.000503	0.000503	0.048	0.048
465 Prosp.A	Orizzontale	0.5	0.3	0.000603	0.000603	0.0663	0.0663
343 Prosp.A	Verticale	0.5	0.3	0.000503	0.000503	0.048	0.048
4702 Prosp.A	Orizzontale	0.5	0.3	0.000603	0.000603	0.0663	0.0663
5399 Prosp.A	Orizzontale	0.98	0.3	0.001005	0.001005	0.0654	0.0654
3761 Prosp.A	Orizzontale	0.5	0.3	0.000603	0.000603	0.0663	0.0663
929 Prosp.A	Orizzontale	0.5	0.3	0.000603	0.000603	0.0663	0.0663
4424 Prosp.A	Orizzontale	0.5	0.3	0.000603	0.000603	0.0663	0.0663
3499 Prosp.A	Orizzontale	0.5	0.3	0.000603	0.000603	0.0663	0.0663
5404 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
4995 Prosp.A	Orizzontale	0.5	0.3	0.000603	0.000603	0.0663	0.0663
5409 Prosp.A	Orizzontale	0.5	0.3	0.000603	0.000603	0.0663	0.0663
404 Prosp.A	Orizzontale	0.98	0.3	0.001005	0.001005	0.0654	0.0654
4402 Prosp.A	Orizzontale	0.5	0.3	0.000603	0.000603	0.0663	0.0663
4680 Prosp.A	Orizzontale	0.5	0.3	0.000603	0.000603	0.0663	0.0663
3509 Prosp.A	Orizzontale	0.98	0.3	0.001005	0.001005	0.0654	0.0654
5401 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
5748 Prosp.A	Verticale	0.5	0.3	0.000402	0.000402	0.048	0.048
3764 Prosp.A	Orizzontale	0.98	0.3	0.001005	0.001005	0.0654	0.0654
779 Prosp.A	Orizzontale	0.5	0.3	0.000603	0.000603	0.0663	0.0663
404 Prosp.A	Verticale	0.5	0.3	0.000503	0.000503	0.048	0.048
4966 Prosp.A	Orizzontale	0.5	0.3	0.000603	0.000603	0.0663	0.0663
4404 Prosp.A	Orizzontale	0.98	0.3	0.001005	0.001005	0.0654	0.0654
3542 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
3546 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
4684 Prosp.A	Orizzontale	0.98	0.3	0.001005	0.001005	0.0654	0.0654
3244 Prosp.A	Orizzontale	0.98	0.3	0.001005	0.001005	0.0654	0.0654
4969 Prosp.A	Orizzontale	0.98	0.3	0.001005	0.001005	0.0654	0.0654
3769 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
4140 Prosp.A	Orizzontale	0.5	0.3	0.000603	0.000603	0.0663	0.0663
813 Prosp.A	Orizzontale	0.98	0.3	0.001005	0.001005	0.0654	0.0654
159 Prosp.A	Orizzontale	0.5	0.3	0.000603	0.000603	0.0663	0.0663
808 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
3774 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
4409 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
343 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
281 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
220 Prosp.A	Orizzontale	0.98	0.3	0.001005	0.001005	0.0654	0.0654
810 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
4687 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
3249 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
4975 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
5407 Prosp.A	Orizzontale	0.98	0.3	0.001005	0.001005	0.0654	0.0654
804 Prosp.A	Orizzontale	0.98	0.3	0.001005	0.001005	0.0654	0.0654
4418 Prosp.A	Orizzontale	0.98	0.3	0.001005	0.001005	0.0654	0.0654
4414 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
671 Prosp.A	Orizzontale	1	0.3	0.000984	0.000984	0.064	0.064
641 Prosp.A	Orizzontale	0.5	0.3	0.000574	0.000574	0.0663	0.0663
4137 Prosp.A	Orizzontale	0.98	0.3	0.001005	0.001005	0.0654	0.0654
3247 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
668 Prosp.A	Orizzontale	1	0.3	0.000976	0.000976	0.064	0.064
4691 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
673 Prosp.A	Orizzontale	0.98	0.3	0.000991	0.000991	0.0654	0.0654
4981 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
3549 Prosp.A	Orizzontale	0.98	0.3	0.001005	0.001005	0.0654	0.0654
5404 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
666 Prosp.A	Orizzontale	0.98	0.3	0.000967	0.000967	0.0654	0.0654
4694 Prosp.A	Orizzontale	0.98	0.3	0.001005	0.001005	0.0654	0.0654
4988 Prosp.A	Orizzontale	0.98	0.3	0.001005	0.001005	0.0654	0.0654
3253 Prosp.A	Orizzontale	0.98	0.3	0.001005	0.001005	0.0654	0.0654
3552 Prosp.A	Orizzontale	0.5	0.3	0.000603	0.000603	0.0663	0.0663

Verifiche a flessione SLU D.M. 17-01-18 §4.1.2.3.4.2

La struttura è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione, per le combinazioni SLV, viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
5752 Prosp.A	Verticale	SLU 3	19.1292	119.63	23.4484	146.64	1.2258	Si
5399 Prosp.A	Verticale	SLU 3	36.3845	95.9	75.5215	199.05	2.0757	Si
3244 Prosp.A	Verticale	SLU 1	7.4285	266.33	18.422	660.47	2.4799	Si
4694 Prosp.A	Verticale	SLU 3	-15.6533	165.49	-44.4251	469.68	2.8381	Si
4969 Prosp.A	Verticale	SLU 1	32.3982	7.68	94.5853	22.43	2.9195	Si
4988 Prosp.A	Verticale	SLU 3	-18.0026	138	-52.7746	404.55	2.9315	Si
4418 Prosp.A	Verticale	SLU 3	-12.8392	170.27	-38.6954	513.18	3.0138	Si
4137 Prosp.A	Verticale	SLU 1	-10.465	165.61	-31.5853	499.85	3.0182	Si
5750 Prosp.A	Verticale	SLV 13	9.3	18.97	28.9737	59.1	3.1155	Si
3247 Prosp.A	Verticale	SLU 1	9.6822	182.97	30.412	574.7	3.141	Si
4684 Prosp.A	Verticale	SLU 4	27.9502	22.55	89.2422	71.99	3.1929	Si
3542 Prosp.A	Verticale	SLU 1	14.7102	140.89	46.9796	449.97	3.1937	Si
3769 Prosp.A	Verticale	SLU 1	17.1661	105.41	58.3263	358.15	3.3978	Si
4409 Prosp.A	Verticale	SLU 1	18.8254	87.85	64.5144	301.06	3.427	Si
3509 Prosp.A	Verticale	SLU 1	12.9186	134.74	44.777	467.01	3.4661	Si
3549 Prosp.A	Verticale	SLU 1	-10.1208	148.36	-36.2596	531.53	3.5827	Si
4687 Prosp.A	Verticale	SLU 1	19.6946	66.56	71.0829	240.24	3.6093	Si
3546 Prosp.A	Verticale	SLU 1	9.5716	142.82	35.8292	534.62	3.7433	Si
4404 Prosp.A	Verticale	SLU 1	21.7532	34.8	82.7244	132.34	3.8029	Si
3774 Prosp.A	Verticale	SLU 1	8.962	141.83	34.2478	542	3.8215	Si
3249 Prosp.A	Verticale	SLU 1	7.9598	145.62	31.1195	569.29	3.9096	Si
804 Prosp.A	Verticale	SLU 1	2.9767	180.41	11.671	707.35	3.9208	Si

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
4975 Prosp.A	Verticale	SLU 1	19.8253	42.17	78.8927	167.81	3.9794	Si
3764 Prosp.A	Verticale	SLU 1	17.0267	62.56	69.4553	255.18	4.0792	Si
5401 Prosp.A	Verticale	SLU 3	19.5746	36.47	80.765	150.48	4.126	Si
3253 Prosp.A	Verticale	SLU 1	-8.5752	127.75	-35.8721	534.41	4.1833	Si
808 Prosp.A	Verticale	SLU 1	5.9944	144.26	25.3902	611.04	4.2356	Si
4414 Prosp.A	Verticale	SLU 1	7.3667	132.59	31.4919	566.83	4.2749	Si
4691 Prosp.A	Verticale	SLU 2	5.4429	125.39	26.2446	604.62	4.8218	Si
810 Prosp.A	Verticale	SLU 1	5.5579	117.51	27.9991	591.99	5.0377	Si
813 Prosp.A	Verticale	SLU 1	-6.2058	88.62	-36.8859	526.76	5.9438	Si
4981 Prosp.A	Verticale	SLV 13	6.6676	37.24	53.5364	299	8.0294	Si
5746 Prosp.A	Verticale	SLU 1	-10.4536	-221.49	-88.8202	-1881.92	8.4966	Si
668 Prosp.A	Verticale	SLU 3	3.337	67.59	28.9126	585.57	8.6642	Si
671 Prosp.A	Verticale	SLU 4	3.4263	62.07	31.3456	567.84	9.1485	Si
5407 Prosp.A	Verticale	SLU 3	-19.2592	-90.24	-185.8201	-870.71	9.6484	Si
4691 Prosp.A	Verticale	SLV 3	-1.025	71.37	-9.9052	689.65	9.6635	Si
4981 Prosp.A	Verticale	SLV 3	-1.8604	52.79	-20.6061	584.74	11.0761	Si
673 Prosp.A	Verticale	SLU 1	-3.3315	45.26	-38.1037	517.64	11.4373	Si
666 Prosp.A	Verticale	SLU 3	1.4121	57.34	16.5834	673.39	11.7434	Si
804 Prosp.A	Verticale	SLV 3	-0.221	53.34	-3.1329	756.05	14.1747	Si
281 Prosp.A	Verticale	SLU 3	1.3086	17.92	18.9571	259.54	14.4865	Si
5397 Prosp.A	Orizzontale	SLV 3	4.7651	-21.57	85.3105	-386.26	17.9032	Si
220 Prosp.A	Verticale	SLV 11	-0.9392	11.83	-17.6426	222.26	18.7852	Si
465 Prosp.A	Orizzontale	SLV 5	3.7904	-13.03	73.1874	-251.62	19.3086	Si
343 Prosp.A	Verticale	SLU 3	1.1277	12.13	21.9945	236.51	19.5035	Si
4702 Prosp.A	Orizzontale	SLV 11	-1.3	8.31	-28.0594	179.33	21.5841	Si
5399 Prosp.A	Orizzontale	SLV 3	5.5894	-17.92	122.6676	-393.29	21.9463	Si
3761 Prosp.A	Orizzontale	SLU 3	3.1208	-103.06	68.525	-2262.97	21.9576	Si
929 Prosp.A	Orizzontale	SLV 3	-2.5086	-3.38	-55.9103	-75.42	22.2871	Si
4424 Prosp.A	Orizzontale	SLU 1	-1.4234	10.52	-31.937	235.94	22.4375	Si
3499 Prosp.A	Orizzontale	SLV 13	3.6908	-74.86	84.5138	-1714.25	22.8986	Si
5404 Prosp.A	Verticale	SLV 13	5.833	-18.54	134.3475	-427.01	23.0325	Si
4995 Prosp.A	Orizzontale	SLU 1	-1.947	3.7	-46.9056	89.17	24.0911	Si
5409 Prosp.A	Orizzontale	SLU 1	-2.2527	-0.79	-56.9934	-19.89	25.3002	Si
404 Prosp.A	Orizzontale	SLV 1	6.2313	-30.43	157.8031	-770.5	25.3243	Si
4402 Prosp.A	Orizzontale	SLU 3	3.1613	-82.68	80.9195	-2116.26	25.597	Si
4680 Prosp.A	Orizzontale	SLU 3	3.6812	-75.14	94.3303	-1925.35	25.6248	Si
3509 Prosp.A	Orizzontale	SLU 3	6.9737	-143.71	179.7091	-3703.32	25.7696	Si
666 Prosp.A	Verticale	SLV 3	-0.2553	27.35	-6.7266	720.82	26.3528	Si
5401 Prosp.A	Orizzontale	SLU 7	2.8328	8.13	75.1312	215.62	26.5223	Si
5748 Prosp.A	Verticale	SLU 10	1.4196	-85.29	38.1185	-2290.11	26.8851	Si
3764 Prosp.A	Orizzontale	SLU 3	5.8815	-137.08	167.0491	-3893.36	28.4024	Si
4414 Prosp.A	Verticale	SLV 3	-0.1813	25.9	-5.1531	736.24	28.4293	Si
779 Prosp.A	Orizzontale	SLV 7	-1.6229	0.5	-46.4942	14.4	28.6497	Si
404 Prosp.A	Verticale	SLU 3	0.8433	7.33	24.7491	215.15	29.3479	Si
4966 Prosp.A	Orizzontale	SLU 3	3.9279	-49.97	115.7193	-1472.16	29.461	Si
4404 Prosp.A	Orizzontale	SLU 3	4.7626	-132.07	148.9768	-4131.05	31.2803	Si
3542 Prosp.A	Orizzontale	SLV 15	5.9636	-85.29	189.9528	-2716.81	31.8522	Si
3546 Prosp.A	Orizzontale	SLV 13	6.0365	-50.91	195.1727	-1646.19	32.3321	Si
5748 Prosp.A	Verticale	SLV 7	-0.6768	-70.54	-21.9717	-2290.11	32.4656	Si
4684 Prosp.A	Orizzontale	SLU 3	4.7334	-114.71	162.9873	-3949.75	34.4337	Si
3244 Prosp.A	Orizzontale	SLV 13	1.9327	-134.98	66.7029	-4658.55	34.512	Si
4969 Prosp.A	Orizzontale	SLU 3	5.8768	-92.03	205.4557	-3217.45	34.9605	Si
3244 Prosp.A	Verticale	SLV 3	-0.0782	21.57	-2.7559	759.37	35.221	Si
3769 Prosp.A	Orizzontale	SLV 13	5.1216	-84.27	181.897	-2993.02	35.5158	Si
4140 Prosp.A	Orizzontale	SLU 1	-1.0691	5.02	-38.2536	179.55	35.7808	Si
813 Prosp.A	Orizzontale	SLV 13	-4.3112	-20.5	-154.7367	-735.74	35.892	Si
159 Prosp.A	Orizzontale	SLV 15	2.1482	-8.62	79.3094	-318.24	36.9185	Si
3244 Prosp.A	Orizzontale	SLU 1	-0.804	-121.32	-30.8724	-4658.55	38.3977	Si
808 Prosp.A	Orizzontale	SLU 3	-4.4148	-95.23	-178.3565	-3847.18	40.3998	Si
3774 Prosp.A	Orizzontale	SLV 13	4.8377	-50.82	197.0531	-2069.91	40.7324	Si
4409 Prosp.A	Orizzontale	SLV 13	4.0633	-82.16	165.9097	-3354.71	40.8308	Si
343 Prosp.A	Orizzontale	SLV 1	4.6459	-38.31	194.8276	-1606.61	41.9353	Si
281 Prosp.A	Orizzontale	SLU 3	5.4512	-60.52	232.9512	-2586.16	42.7342	Si
220 Prosp.A	Orizzontale	SLV 11	3.7992	-20.46	170.3724	-917.57	44.8439	Si
810 Prosp.A	Orizzontale	SLU 3	-3.9035	-82	-181.1163	-3804.85	46.398	Si
4687 Prosp.A	Orizzontale	SLV 13	3.5138	-72.58	164.0584	-3388.84	46.6892	Si
3249 Prosp.A	Orizzontale	SLV 15	3.8227	-58.74	186.1789	-2860.75	48.703	Si
4975 Prosp.A	Orizzontale	SLU 7	3.4836	-77.71	174.8133	-3899.86	50.1871	Si
5407 Prosp.A	Orizzontale	SLU 3	-3.1795	-76.17	-164.1868	-3933.38	51.6387	Si
804 Prosp.A	Orizzontale	SLU 3	-2.9159	-69.8	-164.2606	-3932.31	56.3329	Si
4418 Prosp.A	Orizzontale	SLU 1	-1.7705	-0.86	-100.0163	-48.52	56.4905	Si
4414 Prosp.A	Orizzontale	SLV 13	3.1094	-51.13	181.9355	-2991.88	58.5114	Si
671 Prosp.A	Orizzontale	SLV 15	-2.8579	-46.44	-182.2224	-2961.12	63.7607	Si
641 Prosp.A	Orizzontale	SLV 5	-1.5372	-14.97	-99.9215	-973.09	65.004	Si
5404 Prosp.A	Verticale	SLV 7	-0.8023	-71.3	-53.3089	-4737.56	66.443	Si
4137 Prosp.A	Orizzontale	SLV 15	-1.2327	-0.05	-82.2134	-3.29	66.6937	Si
3247 Prosp.A	Orizzontale	SLV 3	-1.4461	-65.07	-96.899	-4360.43	67.0085	Si
668 Prosp.A	Orizzontale	SLU 3	-1.5172	-70.21	-101.7919	-4710.62	67.0901	Si

Verifiche a flessione SLD Resistenza D.M. 17-01-18 §4.1.2.3.4.2

La struttura è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
5752 Prosp.A	Verticale	SLD 13	14.0889	80.04	21.3377	121.22	1.5145	Si
5399 Prosp.A	Verticale	SLD 9	26.3495	67.02	68.6125	174.51	2.6039	Si
5750 Prosp.A	Verticale	SLD 13	7.944	18.38	28.2263	65.3	3.5532	Si
4969 Prosp.A	Verticale	SLD 9	23.4565	9.1	85.0758	33.02	3.627	Si
3244 Prosp.A	Verticale	SLD 7	4.5349	171.23	16.5415	624.59	3.6476	Si
4694 Prosp.A	Verticale	SLD 11	-10.1678	116.27	-37.3975	427.63	3.678	Si
4988 Prosp.A	Verticale	SLD 11	-11.7211	95.03	-45.1627	366.15	3.8531	Si
4418 Prosp.A	Verticale	SLD 11	-8.3351	117.38	-32.9471	464	3.9528	Si
4684 Prosp.A	Verticale	SLD 9	20.2659	17.89	80.6929	71.25	3.9817	Si
4137 Prosp.A	Verticale	SLD 11	-6.8455	108.95	-28.0184	445.92	4.093	Si
4409 Prosp.A	Verticale	SLD 15	15.0584	51.48	63.516	217.16	4.218	Si
4687 Prosp.A	Verticale	SLD 13	15.9478	40.01	68.8342	172.68	4.3162	Si
3542 Prosp.A	Verticale	SLD 11	10.2241	84.22	44.8015	369.04	4.382	Si
3769 Prosp.A	Verticale	SLD 15	13.7749	53.77	60.9892	238.07	4.4276	Si
3247 Prosp.A	Verticale	SLD 11	6.7748	109.51	30.2975	489.72	4.4721	Si
4975 Prosp.A	Verticale	SLD 13	15.9824	24.63	75.4676	116.3	4.7219	Si
5401 Prosp.A	Verticale	SLD 13	15.8105	23.13	76.0543	111.28	4.8104	Si

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
4404 Prosp.A	Verticale	SLD 13	17.5286	7.22	84.8559	34.93	4.841	Si
3509 Prosp.A	Verticale	SLD 11	8.948	76.79	43.8666	376.45	4.9024	Si
3774 Prosp.A	Verticale	SLD 15	8.1734	79.81	40.6973	397.41	4.9792	Si
3549 Prosp.A	Verticale	SLD 11	-6.7508	90.8	-33.8957	455.89	5.021	Si
3546 Prosp.A	Verticale	SLD 11	6.9069	87.18	35.2447	444.85	5.1028	Si
4414 Prosp.A	Verticale	SLD 15	7.0684	81.42	37.2355	428.93	5.2679	Si
3249 Prosp.A	Verticale	SLD 11	5.6656	86.23	31.4411	478.51	5.5495	Si
3764 Prosp.A	Verticale	SLD 15	12.6039	26.82	71.3104	151.72	5.6578	Si
804 Prosp.A	Verticale	SLD 7	1.8181	120.26	10.3589	685.21	5.6975	Si
4691 Prosp.A	Verticale	SLD 15	5.642	80.43	32.7026	466.22	5.7963	Si
3253 Prosp.A	Verticale	SLD 11	-5.9079	74.63	-35.2279	444.98	5.9628	Si
808 Prosp.A	Verticale	SLD 11	4.1487	88.23	25.3207	538.52	6.1033	Si
810 Prosp.A	Verticale	SLD 11	3.9981	69.28	28.996	502.49	7.2525	Si
813 Prosp.A	Verticale	SLD 11	-4.4227	49.58	-37.8378	424.16	8.5555	Si
4981 Prosp.A	Verticale	SLD 13	4.5214	42	42.0613	390.74	9.3028	Si
5746 Prosp.A	Verticale	SLD 11	-6.8162	-170.8	-72.6244	-1819.85	10.6547	Si
668 Prosp.A	Verticale	SLD 7	2.0045	44.93	24.4201	547.35	12.1824	Si
671 Prosp.A	Verticale	SLD 7	2.0691	39.65	27.1609	520.48	13.1269	Si
5407 Prosp.A	Verticale	SLD 5	-12.0531	-59.53	-176.5366	-871.94	14.6466	Si
673 Prosp.A	Verticale	SLD 11	-2.4674	25.78	-39.4104	411.7	15.9725	Si
666 Prosp.A	Verticale	SLD 11	1.0102	34.68	17.8283	611.98	17.6488	Si
281 Prosp.A	Verticale	SLD 7	0.763	12.65	14.9134	247.18	19.5465	Si
5397 Prosp.A	Orizzontale	SLD 3	4.4554	-23.43	94.5085	-497.03	21.2123	Si
5399 Prosp.A	Orizzontale	SLD 3	5.409	-21.35	136.817	-540.15	25.2944	Si
343 Prosp.A	Verticale	SLD 7	0.6846	8.76	17.4707	223.65	25.5181	Si
3761 Prosp.A	Orizzontale	SLD 13	2.4935	-79.11	63.9041	-2027.32	25.6279	Si
465 Prosp.A	Orizzontale	SLD 5	3.2928	-15.28	86.7064	-402.48	26.3321	Si
4702 Prosp.A	Orizzontale	SLD 11	-1.1315	6.24	-29.8001	164.32	26.3361	Si
3499 Prosp.A	Orizzontale	SLD 13	3.2649	-58.84	89.417	-1611.61	27.3876	Si
4424 Prosp.A	Orizzontale	SLD 7	-0.9282	7.27	-25.5902	200.44	27.5683	Si
804 Prosp.A	Verticale	SLD 1	-0.1676	26.26	-4.7259	740.43	28.1927	Si
220 Prosp.A	Verticale	SLD 11	-0.7469	6.85	-21.1761	194.22	28.3523	Si
3509 Prosp.A	Orizzontale	SLD 13	5.1904	-117.12	153.1318	-3455.49	29.5029	Si
4402 Prosp.A	Orizzontale	SLD 13	2.4185	-64	72.1998	-1910.74	29.853	Si
5401 Prosp.A	Orizzontale	SLD 9	2.1499	5.25	65.1608	159.12	30.3089	Si
4680 Prosp.A	Orizzontale	SLD 13	2.6308	-55.3	82.9366	-1743.33	31.5247	Si
5748 Prosp.A	Verticale	SLD 15	1.5527	-65.6	50.2043	-2121.07	32.333	Si
3764 Prosp.A	Orizzontale	SLD 13	4.3559	-111.59	141.646	-3628.55	32.5179	Si
4995 Prosp.A	Orizzontale	SLD 7	-1.2496	1.74	-41.7477	58.2	33.4085	Si
929 Prosp.A	Orizzontale	SLD 3	-2.5004	-11.27	-85.0689	-383.46	34.0221	Si
4966 Prosp.A	Orizzontale	SLD 1	2.9215	-30.01	100.9221	-1036.65	34.5443	Si
404 Prosp.A	Orizzontale	SLD 1	5.3488	-33.5	185.9448	-1164.61	34.7635	Si
5409 Prosp.A	Orizzontale	SLD 9	-1.4539	-0.97	-51.6603	-34.35	35.5334	Si
4404 Prosp.A	Orizzontale	SLD 13	3.5997	-102.42	132.1698	-3760.4	36.717	Si
3542 Prosp.A	Orizzontale	SLD 15	4.8583	-78.23	183.3165	-2951.82	37.7327	Si
3244 Prosp.A	Orizzontale	SLD 15	1.4798	-119.86	57.5144	-4658.55	38.8657	Si
404 Prosp.A	Verticale	SLD 3	0.6486	4.16	25.232	161.89	38.8998	Si
4684 Prosp.A	Orizzontale	SLD 13	3.5342	-86.73	145.5629	-3572.27	41.1867	Si
5404 Prosp.A	Verticale	SLD 9	3.2627	-10.41	134.6077	-429.59	41.2568	Si
3769 Prosp.A	Orizzontale	SLD 13	4.2777	-75.11	177.3033	-3112.99	41.4479	Si
3546 Prosp.A	Orizzontale	SLD 13	4.698	-49.38	197.0525	-2071.09	41.9439	Si
4969 Prosp.A	Orizzontale	SLD 13	4.2942	-68.45	180.2244	-2872.62	41.9694	Si
779 Prosp.A	Orizzontale	SLD 7	-1.7909	-7.8	-83.231	-362.34	46.4755	Si
4140 Prosp.A	Orizzontale	SLD 3	-0.7068	2.96	-32.8548	137.72	46.4853	Si
5748 Prosp.A	Verticale	SLD 3	-0.1705	-48.82	-7.9973	-2290.11	46.9115	Si
4409 Prosp.A	Orizzontale	SLD 13	3.3789	-73.9	158.9874	-3477.22	47.0536	Si
343 Prosp.A	Orizzontale	SLD 1	3.9321	-40.83	197.0562	-2046.42	50.1152	Si
3774 Prosp.A	Orizzontale	SLD 13	3.8187	-46.99	195.2458	-2402.37	51.1288	Si
808 Prosp.A	Orizzontale	SLD 15	-3.1385	-65.26	-163.4849	-3399.25	52.0904	Si
220 Prosp.A	Orizzontale	SLD 15	3.5989	-24.92	187.5418	-1298.79	52.1105	Si
159 Prosp.A	Orizzontale	SLD 15	1.7389	-8.83	92.1655	-467.91	53.002	Si
4687 Prosp.A	Orizzontale	SLD 13	2.9844	-65.76	158.3137	-3488.45	53.0469	Si
666 Prosp.A	Verticale	SLD 1	-0.1194	13.59	-6.3644	724.37	53.3131	Si
813 Prosp.A	Orizzontale	SLD 13	-3.3426	-23.36	-187.6901	-1311.5	56.1507	Si
4975 Prosp.A	Orizzontale	SLD 15	2.6623	-61.17	154.5065	-3550	58.0356	Si
281 Prosp.A	Orizzontale	SLD 7	3.3811	-38.94	196.4341	-2262.27	58.0983	Si
810 Prosp.A	Orizzontale	SLD 15	-3.0715	-52.14	-179.7477	-3051.42	58.5205	Si
3249 Prosp.A	Orizzontale	SLD 15	2.9055	-55.08	171.3227	-3247.5	58.9643	Si
3244 Prosp.A	Orizzontale	SLD 7	-0.4027	-78.92	-23.7717	-4658.55	59.0286	Si
5407 Prosp.A	Orizzontale	SLD 15	-2.2022	-58.67	-138.069	-3678.37	62.6952	Si
3244 Prosp.A	Verticale	SLD 3	-0.0467	11.32	-3.121	756.17	66.8095	Si
804 Prosp.A	Orizzontale	SLD 15	-2.0107	-54.29	-136.8527	-3695.25	68.061	Si
4414 Prosp.A	Orizzontale	SLD 13	2.5051	-46.17	173.5726	-3199.24	69.2883	Si
641 Prosp.A	Orizzontale	SLD 5	-1.3164	-12.99	-99.9412	-986.35	75.9221	Si
671 Prosp.A	Orizzontale	SLD 15	-2.0222	-43.86	-159.3211	-3455.26	78.786	Si
668 Prosp.A	Orizzontale	SLD 15	-1.4723	-50.41	-118.1016	-4043.7	80.2147	Si
4418 Prosp.A	Orizzontale	SLD 15	-1.3022	-2.88	-106.897	-236.38	82.0896	Si
4691 Prosp.A	Orizzontale	SLD 13	1.6997	-44.1	143.2126	-3715.78	84.2577	Si
4137 Prosp.A	Orizzontale	SLD 15	-1.0542	-0.87	-89.8635	-74	85.241	Si
673 Prosp.A	Orizzontale	SLD 15	-1.9949	-28.13	-186.2778	-2626.82	93.3778	Si
3247 Prosp.A	Orizzontale	SLD 3	-0.7151	-50.42	-67.2016	-4737.56	93.9708	Si
4981 Prosp.A	Orizzontale	SLD 13	1.3093	-41.94	124.2333	-3979.34	94.8831	Si
3549 Prosp.A	Orizzontale	SLD 13	1.9581	-19.56	192.5982	-1923.59	98.3587	Si

Verifiche a taglio SLU D.M. 17-01-18 §4.1.2.3.5

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
4137 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLV 15	55.49	103.75	-7.5245	125.66	643.71	0	125.66	2.5	0.0009208	2.2646	Si
4418 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 3	55.33	170.27	-12.8392	129.4	643.71	0	129.4	2.5	0.0010053	2.3388	Si
4694 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 3	53.07	165.49	-15.6533	129.4	643.71	0	129.4	2.5	0.0010053	2.438	Si
4988 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 1	50.84	136.5	-18.001	129.4	643.71	0	129.4	2.5	0.0010053	2.5454	Si
3549 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLV 15	50.82	88.03	-7.0238	129.4	643.71	0	129.4	2.5	0.0010053	2.5464	Si
5407 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 1	51.03	-145.19	-19.9633	147.69	662.63	0	147.69	2.5	0.0010053	2.8941	Si
5752 Prosp.A	Verticale	0.252	0.5	Non necessaria	0	SLU 4	20.72	118.65	19.1046	61.8	321.85	0	61.8	2.5	0.0004021	2.9821	Si

Vano di equalizzazione e sedimentazione meccanica

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
4981 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 1	41.83	71.41	3.5621	129.4	643.71	0	129.4	2.5	0.0010053	3.0937	Si
4691 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 4	40.64	125.36	5.4446	129.4	643.71	0	129.4	2.5	0.0010053	3.1838	Si
5404 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 3	42.45	-69.7	2.3201	138.18	652.79	0	138.18	2.5	0.0010053	3.2551	Si
4414 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 3	38.58	132.25	7.3545	129.4	643.71	0	129.4	2.5	0.0010053	3.3543	Si
5748 Prosp.A	Verticale	0.252	0.5	Non necessaria	0	SLU 3	21.4	-83.8	1.0146	72.36	332.78	0	72.36	2.5	0.0004021	3.3808	Si
5746 Prosp.A	Verticale	0.252	0.5	Non necessaria	0	SLU 1	26.05	-221.49	-10.4536	89.71	350.72	0	89.71	2.5	0.0004021	3.4437	Si
5750 Prosp.A	Verticale	0.252	0.5	Non necessaria	0	SLU 4	17.85	26	9.8796	61.8	321.85	0	61.8	2.5	0.0004021	3.4614	Si
5399 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 3	36.14	95.9	36.3845	129.4	643.71	0	129.4	2.5	0.0010053	3.5809	Si
5401 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 3	35.85	-7.01	19.9305	130.28	644.62	0	130.28	2.5	0.0010053	3.634	Si
3253 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLV 15	35.44	61.08	-6.5506	129.4	643.71	0	129.4	2.5	0.0010053	3.6516	Si
3774 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 3	34.82	141.15	8.9407	129.15	643.71	0	129.15	2.5	0.0009996	3.7091	Si
4975 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 1	32.9	42.17	19.8253	129.4	643.71	0	129.4	2.5	0.0010053	3.9331	Si
3244 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 1	-30.96	264.43	7.0467	129.4	643.71	0	129.4	2.5	0.0010053	4.1801	Si
3546 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 3	28.84	141.92	9.5455	129.4	643.71	0	129.4	2.5	0.0010053	4.4862	Si
4687 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 4	28.7	66.38	19.688	129.4	643.71	0	129.4	2.5	0.0010053	4.5091	Si
804 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 3	-27.27	179.9	2.9547	129.4	643.71	0	129.4	2.5	0.0010053	4.7448	Si
4969 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 3	25.54	13.8	30.7178	129.4	643.71	0	129.4	2.5	0.0010053	5.0664	Si
4409 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 4	23.81	87.6	18.821	129.4	643.71	0	129.4	2.5	0.0010053	5.4341	Si
3509 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLV 13	-23	16.61	11.8981	129.4	643.71	0	129.4	2.5	0.0010053	5.6267	Si
3764 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLV 13	-22.1	4.18	16.1174	129.4	643.71	0	129.4	2.5	0.0010053	5.8557	Si
641 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLU 3	-11.15	-16.34	-1.4976	67.36	300.4	0	67.36	2.5	0.0005736	6.0412	Si
3249 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 3	21.36	130.15	8.5178	129.4	643.71	0	129.4	2.5	0.0010053	6.0581	Si
465 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLU 3	-11.14	-24.93	3.9912	69.47	301.44	0	69.47	2.5	0.0006032	6.235	Si
813 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 3	20.15	73.51	-5.2449	129.4	643.71	0	129.4	2.5	0.0010053	6.421	Si
3499 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLU 1	10.36	-43.48	4.4997	71.64	303.68	0	71.64	2.5	0.0006032	6.9127	Si
3769 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 3	18.49	104.48	17.1481	129.4	643.71	0	129.4	2.5	0.0010053	6.9964	Si
4684 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 4	16.94	33.14	26.3861	129.4	643.71	0	129.4	2.5	0.0010053	7.64	Si
4404 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLV 15	-16.35	3.44	18.9766	129.4	643.71	0	129.4	2.5	0.0010053	7.9152	Si
404 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLU 3	-15.58	-52.73	6.5709	129.99	593.66	0	129.99	2.5	0.0010053	8.3447	Si
3244 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLU 1	16.06	-179.7	0.1447	144.89	609.07	0	144.89	2.5	0.0010053	9.0226	Si
779 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLU 3	-7.54	-12.98	-2.8002	68.08	299.99	0	68.08	2.5	0.0006032	9.0237	Si
666 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 3	-14.05	43.32	1.1958	129.4	643.71	0	129.4	2.5	0.0010053	9.2088	Si
810 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 3	13.5	98.85	6.2381	129.4	643.71	0	129.4	2.5	0.0010053	9.5835	Si
404 Prosp.A	Verticale	0.252	0.5	Non necessaria	0	SLV 5	-6.67	0.82	0.9107	64.7	321.85	0	64.7	2.5	0.0005027	9.6958	Si
3542 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 3	13.16	139.47	14.6887	129.4	643.71	0	129.4	2.5	0.0010053	9.8331	Si
4966 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLU 7	7.13	-33.03	3.5709	70.42	302.42	0	70.42	2.5	0.0006032	9.8758	Si
5397 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLU 7	7.09	-37.48	5.7923	70.94	302.96	0	70.94	2.5	0.0006032	10.0094	Si
666 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLU 3	-12.21	-59.38	0.8682	129.16	594.47	0	129.16	2.5	0.0009666	10.5824	Si
929 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLU 3	-6.19	-7.79	-3.367	67.47	299.37	0	67.47	2.5	0.0006032	10.8943	Si
159 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLV 15	-6.18	-8.62	2.1482	67.57	299.47	0	67.57	2.5	0.0006032	10.9252	Si
675 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLV 15	-6.05	-9.07	-1.1414	67.46	299.52	0	67.46	2.5	0.0005988	11.1577	Si
673 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 3	11.59	29.03	-1.823	129.4	643.71	0	129.4	2.5	0.0010053	11.164	Si
3247 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLU 1	11.47	-109.24	0.0024	138.7	616.17	0	138.7	2.5	0.0010053	12.0901	Si
220 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLU 3	-10.03	-37.36	5.0252	128.19	591.8	0	128.19	2.5	0.0010053	12.7796	Si
673 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLU 3	-9.97	-43.46	-2.111	128.31	592.53	0	128.31	2.5	0.0009909	12.8695	Si
220 Prosp.A	Verticale	0.252	0.5	Non necessaria	0	SLV 15	4.59	-0.5	0.2	64.76	321.92	0	64.76	2.5	0.0005027	14.1012	Si
4680 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLU 10	4.79	-69.34	3.7402	74.66	306.81	0	74.66	2.5	0.0006032	15.5797	Si
3247 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 3	8.19	152.05	10.9984	129.4	643.71	0	129.4	2.5	0.0010053	15.7974	Si
808 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 10	-8.04	92.11	5.7773	129.4	643.71	0	129.4	2.5	0.0010053	16.086	Si
343 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLU 3	-8.17	-64.38	5.2155	133.4	610.7	0	133.4	2.5	0.0010053	16.3301	Si
668 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLU 3	-7.95	-63.78	-0.4589	132.08	610.62	0	132.08	2.5	0.0009757	16.6111	Si

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
671 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLU 3	-7.83	-59.67	-1.723	131.93	610.12	0	131.93	2.5	0.0009835	16.8417	Si
281 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLU 3	-7.89	-60.52	5.4512	132.95	610.22	0	132.95	2.5	0.0010053	16.8572	Si
5399 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLU 3	7.42	-36.98	7.3204	128.14	591.75	0	128.14	2.5	0.0010053	17.2666	Si
4969 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLU 3	7.4	-56.21	5.5493	130.4	594.08	0	130.4	2.5	0.0010053	17.625	Si
3509 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLU 1	7.54	-83.92	3.5643	133.65	597.44	0	133.65	2.5	0.0010053	17.7194	Si
804 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLU 3	-7.42	-65.46	-1.7144	131.49	595.2	0	131.49	2.5	0.0010053	17.7258	Si
3249 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLV 13	6.9	-52.24	3.7976	131.97	609.21	0	131.97	2.5	0.0010053	19.1353	Si
3552 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLV 13	-3.42	0.73	0.1015	66.56	298.43	0	66.56	2.5	0.0006032	19.4615	Si
671 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 3	6.4	44.03	4.0392	129.4	643.71	0	129.4	2.5	0.0010053	20.2127	Si
3260 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLV 13	-3.24	-2.75	-0.5794	66.88	298.76	0	66.88	2.5	0.0006032	20.641	Si
815 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLV 13	-3.24	-7.56	-0.6204	67.44	299.34	0	67.44	2.5	0.0006032	20.8049	Si
4684 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLU 7	6.07	-110.68	4.6082	136.79	600.69	0	136.79	2.5	0.0010053	22.5228	Si
3542 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLU 1	5.77	-99.21	6.0779	137.51	614.95	0	137.51	2.5	0.0010053	23.8471	Si
808 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLU 3	5.41	-48.67	-2.5584	131.55	608.78	0	131.55	2.5	0.0010053	24.3121	Si
4402 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLU 10	3	-77.2	3.2505	75.58	307.76	0	75.58	2.5	0.0006032	25.1582	Si
4140 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLV 13	-2.64	4.48	-0.5184	66.56	298.43	0	66.56	2.5	0.0006032	25.2317	Si
4404 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLU 10	5.24	-123.88	4.5886	138.34	602.29	0	138.34	2.5	0.0010053	26.4069	Si
4137 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLU 3	-4.41	-19.63	-0.4642	126.11	589.64	0	126.11	2.5	0.0010053	28.6056	Si
668 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 10	-4.36	42.45	3.2726	129.4	643.71	0	129.4	2.5	0.0010053	29.6983	Si
3764 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLU 10	4.66	-130.53	5.598	139.12	603.1	0	139.12	2.5	0.0010053	29.8379	Si
4424 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLV 13	-2.14	7.28	-0.654	66.56	298.43	0	66.56	2.5	0.0006032	31.0861	Si
810 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLV 15	3.92	-41.02	-2.2095	130.65	607.84	0	130.65	2.5	0.0010053	33.3537	Si
4995 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLU 7	-1.95	3.16	-1.8018	66.56	298.43	0	66.56	2.5	0.0006032	34.1997	Si
813 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLV 15	-3.57	-8.5	-1.6284	124.8	588.29	0	124.8	2.5	0.0010053	34.9559	Si
4418 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLU 3	-3.58	-18.35	-1.2394	125.96	589.49	0	125.96	2.5	0.0010053	35.1921	Si
3549 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLU 3	-3.59	-27.92	1.1807	127.08	590.65	0	127.08	2.5	0.0010053	35.3785	Si
4702 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLV 13	-1.81	3.91	-0.9546	66.56	298.43	0	66.56	2.5	0.0006032	36.8339	Si
5409 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLU 7	-1.88	-33.62	-2.4624	70.49	302.49	0	70.49	2.5	0.0006032	37.4949	Si
3761 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLV 5	1.96	-67.33	2.3018	74.43	306.56	0	74.43	2.5	0.0006032	37.96	Si
3253 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLV 13	-3.26	-1.84	-0.591	124.02	587.48	0	124.02	2.5	0.0010053	37.987	Si
5401 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLV 13	-3.19	3.85	2.4595	125.81	602.84	0	125.81	2.5	0.0010053	39.416	Si
3546 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLV 13	3.34	-50.91	6.0365	131.81	609.05	0	131.81	2.5	0.0010053	39.4911	Si
281 Prosp.A	Verticale	0.252	0.5	Non necessaria	0	SLU 4	1.63	7.01	1.568	64.7	321.85	0	64.7	2.5	0.0005027	39.7709	Si
4694 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLU 3	-3.08	-28.51	-2.01	127.15	590.72	0	127.15	2.5	0.0010053	41.324	Si
4988 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLU 7	-2.8	-41.31	-1.9548	128.65	592.27	0	128.65	2.5	0.0010053	45.9539	Si
343 Prosp.A	Verticale	0.252	0.5	Non necessaria	0	SLV 5	-1.32	-2.56	1.0703	65.02	322.19	0	65.02	2.5	0.0005027	49.3428	Si
5407 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLU 7	-2.69	-76.2	-2.9866	132.75	596.51	0	132.75	2.5	0.0010053	49.4203	Si
4414 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLU 1	-1.85	-52.08	2.5931	131.95	609.19	0	131.95	2.5	0.0010053	71.5041	Si
4687 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLV 1	1.64	-45.58	1.8824	131.19	608.4	0	131.19	2.5	0.0010053	79.8142	Si
4975 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLV 1	1.59	-43.43	2.0054	130.93	608.14	0	130.93	2.5	0.0010053	82.3499	Si
4691 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLU 1	-1.57	-55.56	1.7739	132.36	609.62	0	132.36	2.5	0.0010053	84.4302	Si
3769 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLV 5	1.57	-65.57	3.0085	133.54	610.84	0	133.54	2.5	0.0010053	84.9629	Si

Verifiche a taglio SLD Resistenza D.M. 17-01-18 §4.1.2.3.5

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
4137 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 15	44.76	98.56	-6.9282	125.66	643.71	0	125.66	2.5	0.0009208	2.8073	Si
4418 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 15	43.73	108.13	-8.3094	129.4	643.71	0	129.4	2.5	0.0010053	2.9587	Si
4694 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 13	41.53	102.45	-9.9233	129.4	643.71	0	129.4	2.5	0.0010053	3.1159	Si
3549 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 15	40.41	83.61	-6.2184	129.4	643.71	0	129.4	2.5	0.0010053	3.2024	Si
4988 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 13	39.32	86.19	-11.6142	129.4	643.71	0	129.4	2.5	0.0010053	3.2912	Si
5407 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 13	38.95	-110.19	-12.9876	143.28	658.07	0	143.28	2.5	0.0010053	3.6785	Si
4981 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 13	31.26	42	4.5214	129.4	643.71	0	129.4	2.5	0.0010053	4.1396	Si

Vano di equalizzazione e sedimentazione meccanica

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
5746 Prosp.A	Verticale	0.252	0.5	Non necessaria	0	SLD 13	19.77	-160.01	-6.8067	81.96	342.71	0	81.96	2.5	0.0004021	4.1456	Si
5752 Prosp.A	Verticale	0.252	0.5	Non necessaria	0	SLD 5	14.69	80.14	13.4392	61.8	321.85	0	61.8	2.5	0.0004021	4.2062	Si
4691 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 13	30.7	76.6	5.9341	129.4	643.71	0	129.4	2.5	0.0010053	4.2152	Si
5404 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 13	31.5	-55.97	3.6275	136.45	651	0	136.45	2.5	0.0010053	4.3317	Si
4414 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 15	29.61	81.42	7.0684	129.4	643.71	0	129.4	2.5	0.0010053	4.3701	Si
5748 Prosp.A	Verticale	0.252	0.5	Non necessaria	0	SLD 13	15.83	-61.88	1.7134	69.6	329.92	0	69.6	2.5	0.0004021	4.3958	Si
3253 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 15	28.46	57.7	-5.5506	129.4	643.71	0	129.4	2.5	0.0010053	4.546	Si
5750 Prosp.A	Verticale	0.252	0.5	Non necessaria	0	SLD 1	13.18	17.39	6.0512	61.8	321.85	0	61.8	2.5	0.0004021	4.69	Si
3774 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 15	27.34	79.81	8.1734	129.15	643.71	0	129.15	2.5	0.0009996	4.7241	Si
5399 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 1	26.7	66.88	24.2185	129.4	643.71	0	129.4	2.5	0.0010053	4.8462	Si
5401 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 13	24.93	-9.03	16.0135	130.54	644.89	0	130.54	2.5	0.0010053	5.2352	Si
3244 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 13	-22.89	88.73	5.8324	129.4	643.71	0	129.4	2.5	0.0010053	5.6522	Si
3546 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 15	22.86	72.18	8.4112	129.4	643.71	0	129.4	2.5	0.0010053	5.6616	Si
4975 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 13	22.85	24.63	15.9824	129.4	643.71	0	129.4	2.5	0.0010053	5.6621	Si
4687 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 13	19.98	40.01	15.9478	129.4	643.71	0	129.4	2.5	0.0010053	6.4763	Si
804 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 13	-19.08	57.76	2.4282	129.4	643.71	0	129.4	2.5	0.0010053	6.7823	Si
641 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLD 5	-9.28	-14.94	-1.2848	67.2	300.23	0	67.2	2.5	0.0005736	7.2375	Si
4969 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 1	17.76	9.62	19.8292	129.4	643.71	0	129.4	2.5	0.0010053	7.2855	Si
465 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLD 5	-9.28	-15.28	3.2928	68.35	300.27	0	68.35	2.5	0.0006032	7.3679	Si
3249 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 15	16.86	60.08	7.3605	129.4	643.71	0	129.4	2.5	0.0010053	7.6761	Si
4409 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 13	16.67	48.37	15.3155	129.4	643.71	0	129.4	2.5	0.0010053	7.7637	Si
3509 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 13	-16.32	40.57	10.1402	129.4	643.71	0	129.4	2.5	0.0010053	7.9268	Si
813 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 15	16	29.24	-4.1401	129.4	643.71	0	129.4	2.5	0.0010053	8.0854	Si
3764 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 13	-15.2	7.84	14.356	129.4	643.71	0	129.4	2.5	0.0010053	8.5103	Si
3769 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 15	13.03	53.77	13.7749	129.4	643.71	0	129.4	2.5	0.0010053	9.931	Si
404 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLD 5	-12.73	-33.72	5.2594	127.76	591.35	0	127.76	2.5	0.0010053	10.0401	Si
4684 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 1	12.29	22.62	16.5026	129.4	643.71	0	129.4	2.5	0.0010053	10.5306	Si
3499 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLD 7	6.25	-32.01	2.848	70.3	302.29	0	70.3	2.5	0.0006032	11.2557	Si
666 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 5	-11.49	2.47	0.8506	129.4	643.71	0	129.4	2.5	0.0010053	11.2646	Si
404 Prosp.A	Verticale	0.252	0.5	Non necessaria	0	SLD 5	-5.49	1.97	0.762	64.7	321.85	0	64.7	2.5	0.0005027	11.7878	Si
4404 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 15	-10.72	5.27	17.1964	129.4	643.71	0	129.4	2.5	0.0010053	12.0658	Si
779 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLD 5	-5.61	-17.69	-2.0008	68.63	300.56	0	68.63	2.5	0.0006032	12.2318	Si
810 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 15	10.43	42.17	5.3327	129.4	643.71	0	129.4	2.5	0.0010053	12.4092	Si
929 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLD 1	-5.06	-7.42	-2.4383	67.43	299.32	0	67.43	2.5	0.0006032	13.3323	Si
4966 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLD 3	5.13	-20.06	2.6152	68.9	300.85	0	68.9	2.5	0.0006032	13.4363	Si
5397 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLD 3	5.1	-23.54	4.4131	69.31	301.27	0	69.31	2.5	0.0006032	13.5989	Si
666 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLD 1	-9.19	-38.72	0.827	126.74	591.96	0	126.74	2.5	0.0009666	13.7911	Si
3542 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 15	9.38	64.54	11.7187	129.4	643.71	0	129.4	2.5	0.0010053	13.7937	Si
3244 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLD 11	10.03	-129.51	0.5385	139	602.98	0	139	2.5	0.0010053	13.8567	Si
159 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLD 15	-4.87	-8.83	1.7389	67.59	299.49	0	67.59	2.5	0.0006032	13.885	Si
675 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLD 15	-4.74	-9.81	-0.9045	67.54	299.61	0	67.54	2.5	0.0005988	14.2425	Si
673 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 15	9.03	8.11	-1.5022	129.4	643.71	0	129.4	2.5	0.0010053	14.329	Si
3247 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLD 13	8.61	-73.12	0.3485	134.43	611.76	0	134.43	2.5	0.0010053	15.6115	Si
220 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLD 15	-7.5	-24.92	3.5989	126.73	590.29	0	126.73	2.5	0.0010053	16.8992	Si
673 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLD 15	-7.47	-28.13	-1.9949	126.51	590.67	0	126.51	2.5	0.0009909	16.9392	Si
220 Prosp.A	Verticale	0.252	0.5	Non necessaria	0	SLD 15	3.54	-1.14	0.1303	64.84	322	0	64.84	2.5	0.0005027	18.3003	Si
4680 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLD 3	3.55	-45.99	2.7425	71.93	303.98	0	71.93	2.5	0.0006032	20.2901	Si
3247 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 13	-6.31	58.27	7.8408	129.4	643.71	0	129.4	2.5	0.0010053	20.4925	Si
343 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLD 1	-6.24	-40.83	3.9321	130.62	607.82	0	130.62	2.5	0.0010053	20.9276	Si
668 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLD 1	-6.05	-40.55	0.2587	129.34	607.79	0	129.34	2.5	0.0009757	21.3815	Si
804 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLD 1	-5.99	-42.69	-0.9711	128.81	592.44	0	128.81	2.5	0.0010053	21.4943	Si

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
808 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 13	-5.93	44.84	4.845	129.4	643.71	0	129.4	2.5	0.0010053	21.8354	Si
3509 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLD 13	6.13	-117.12	5.1904	137.55	601.47	0	137.55	2.5	0.0010053	22.4487	Si
5399 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLD 3	5.31	-22.43	5.0131	126.44	589.98	0	126.44	2.5	0.0010053	23.8321	Si
3552 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLD 13	-2.79	-0.48	-0.0086	66.62	298.48	0	66.62	2.5	0.0006032	23.8844	Si
4969 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLD 3	5.3	-28.32	3.2798	127.13	590.7	0	127.13	2.5	0.0010053	23.9977	Si
3249 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLD 13	5.4	-52.66	2.9341	132.02	609.27	0	132.02	2.5	0.0010053	24.4308	Si
3260 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLD 13	-2.59	-5.13	-0.6609	67.16	299.05	0	67.16	2.5	0.0006032	25.9699	Si
281 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLD 3	-4.91	-37.73	3.3839	130.26	607.44	0	130.26	2.5	0.0010053	26.5339	Si
671 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLD 7	-4.87	-38.56	-1.0616	129.44	607.54	0	129.44	2.5	0.0009835	26.5553	Si
815 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLD 13	-2.51	-9.98	-0.7286	67.73	299.63	0	67.73	2.5	0.0006032	26.9726	Si
671 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 15	4.72	17.02	3.4006	129.4	643.71	0	129.4	2.5	0.0010053	27.4183	Si
4684 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLD 1	4.62	-72.15	3.189	132.27	596.02	0	132.27	2.5	0.0010053	28.651	Si
808 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLD 13	4.42	-33.72	-1.8031	129.79	606.95	0	129.79	2.5	0.0010053	29.3843	Si
4140 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLD 13	-2.17	3.49	-0.6065	66.56	298.43	0	66.56	2.5	0.0006032	30.6672	Si
3542 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLD 13	4.4	-78.58	4.797	135.08	612.43	0	135.08	2.5	0.0010053	30.6726	Si
4402 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLD 5	2.34	-55.93	2.4329	73.1	305.19	0	73.1	2.5	0.0006032	31.2605	Si
4404 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLD 1	4.06	-82.74	3.1058	133.51	597.3	0	133.51	2.5	0.0010053	32.8588	Si
4137 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLD 13	-3.44	-16.3	-0.1255	125.72	589.24	0	125.72	2.5	0.0010053	36.5766	Si
3764 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLD 5	3.61	-98.05	3.8533	135.31	599.16	0	135.31	2.5	0.0010053	37.4449	Si
4424 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLD 13	-1.77	6.35	-0.808	66.56	298.43	0	66.56	2.5	0.0006032	37.6822	Si
668 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 5	-3.25	14.82	2.3796	129.4	643.71	0	129.4	2.5	0.0010053	39.832	Si
4995 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLD 13	-1.58	1.25	-1.2581	66.56	298.43	0	66.56	2.5	0.0006032	42.0714	Si
810 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLD 15	3.05	-35.97	-1.5221	130.05	607.23	0	130.05	2.5	0.0010053	42.6882	Si
813 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLD 13	-2.87	-7.49	-1.2123	124.69	588.17	0	124.69	2.5	0.0010053	43.5105	Si
4702 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLD 13	-1.51	3.58	-1.0651	66.56	298.43	0	66.56	2.5	0.0006032	43.9775	Si
3549 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLD 13	-2.83	-14.79	1.0846	125.54	589.06	0	125.54	2.5	0.0010053	44.2939	Si
4418 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLD 13	-2.78	-18.2	-0.7904	125.94	589.47	0	125.94	2.5	0.0010053	45.331	Si
5409 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLD 13	-1.53	-25.74	-1.8697	69.57	301.54	0	69.57	2.5	0.0006032	45.3343	Si
3253 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLD 13	-2.54	-4.72	-0.4366	124.36	587.83	0	124.36	2.5	0.0010053	49.0049	Si
5401 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLD 13	-2.56	4.62	2.2146	125.81	602.84	0	125.81	2.5	0.0010053	49.1992	Si
3546 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLD 13	2.56	-49.38	4.698	131.63	608.87	0	131.63	2.5	0.0010053	51.4538	Si
4694 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLD 13	-2.42	-25.03	-1.338	126.74	590.3	0	126.74	2.5	0.0010053	52.48	Si
281 Prosp.A	Verticale	0.252	0.5	Non necessaria	0	SLD 15	1.17	2.39	1.3215	64.7	321.85	0	64.7	2.5	0.0005027	55.069	Si
4988 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLD 13	-2.18	-31.49	-1.3403	127.5	591.08	0	127.5	2.5	0.0010053	58.5297	Si
5407 Prosp.A	Orizzontale	0.235	0.98	Non necessaria	0	SLD 13	-2.11	-56.6	-2.1876	130.45	594.13	0	130.45	2.5	0.0010053	61.7006	Si
3761 Prosp.A	Orizzontale	0.234	0.5	Non necessaria	0	SLD 5	1.16	-69.27	2.2933	74.65	306.8	0	74.65	2.5	0.0006032	64.2253	Si
343 Prosp.A	Verticale	0.252	0.5	Non necessaria	0	SLD 1	-0.97	4.2	0.943	64.7	321.85	0	64.7	2.5	0.0005027	66.9697	Si
4414 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLD 15	-1.31	-44.62	2.3488	131.07	608.28	0	131.07	2.5	0.0010053	100.0407	Si
4687 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLD 1	1.25	-37.33	1.6494	130.21	607.39	0	130.21	2.5	0.0010053	104.4159	Si
4975 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLD 1	1.24	-37.77	1.8552	130.26	607.45	0	130.26	2.5	0.0010053	104.8279	Si
3769 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLD 5	1.26	-65.16	3.3245	133.49	610.79	0	133.49	2.5	0.0010053	106.3293	Si
4981 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLD 13	-1.19	-50.99	0.8199	131.82	609.06	0	131.82	2.5	0.0010053	110.5864	Si

Verifiche SLE tensione calcestruzzo D.M. 17-01-18 §4.1.2.2.5.1

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	oc	oc limite	Es/Ec	c.s.	Verifica
5746 Prosp.A	Verticale	SLE QP 2	-7.0462	-158.48	No	-1823	13073	15	7.1706	Si
5746 Prosp.A	Verticale	SLE RA 4	-7.0469	-158.47	No	-1823	17430	15	9.5606	Si
4969 Prosp.A	Verticale	SLE QP 2	22.7118	5.15	No	-1313	13073	15	9.9547	Si
5399 Prosp.A	Verticale	SLE QP 1	25.4861	65.94	No	-1291	13073	15	10.1227	Si
5752 Prosp.A	Verticale	SLE QP 1	12.7823	39.41	No	-1290	13073	15	10.133	Si
5407 Prosp.A	Verticale	SLE QP 1	-13.4545	-106.44	No	-1110	13073	15	11.7815	Si
4684 Prosp.A	Verticale	SLE QP 2	19.5578	16	No	-1096	13073	15	11.9294	Si
4969 Prosp.A	Verticale	SLE RA 3	22.7068	5	No	-1313	17430	15	13.2712	Si
5399 Prosp.A	Verticale	SLE RA 1	25.4861	65.94	No	-1291	17430	15	13.497	Si
5752 Prosp.A	Verticale	SLE RA 1	12.7823	39.41	No	-1290	17430	15	13.5106	Si
5750 Prosp.A	Verticale	SLE QP 3	7.0911	-18.48	No	-965	13073	15	13.5518	Si
4404 Prosp.A	Verticale	SLE QP 2	16.4772	9.19	No	-936	13073	15	13.9635	Si
5401 Prosp.A	Verticale	SLE QP 3	13.93	-9.38	No	-843	13073	15	15.4997	Si
5407 Prosp.A	Verticale	SLE RA 1	-13.4545	-106.44	No	-1110	17430	15	15.7087	Si

Vano di equalizzazione e sedimentazione meccanica

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	oc	oc limite	Es/Ec	c.s.	Verifica
4684 Prosp.A	Verticale	SLE RA 3	19.5606	15.96	No	-1096	17430	15	15.9017	Si
4975 Prosp.A	Verticale	SLE QP 3	13.4938	15.17	No	-744	13073	15	17.5811	Si
3764 Prosp.A	Verticale	SLE QP 2	13.2592	15.9	No	-728	13073	15	17.9661	Si
5750 Prosp.A	Verticale	SLE RA 10	7.0878	-18.55	No	-965	17430	15	18.069	Si
3761 Prosp.A	Orizzontale	SLE QP 2	2.213	-73.69	No	-704	13073	15	18.581	Si
4404 Prosp.A	Verticale	SLE RA 4	16.4788	9.19	No	-936	17430	15	18.6161	Si
4687 Prosp.A	Verticale	SLE QP 4	13.211	26.08	No	-694	13073	15	18.8381	Si
5397 Prosp.A	Orizzontale	SLE QP 2	4.0795	-26.41	No	-646	13073	15	20.2378	Si
5401 Prosp.A	Verticale	SLE RA 10	13.9225	-9.64	No	-844	17430	15	20.6573	Si
4680 Prosp.A	Orizzontale	SLE QP 2	2.6517	-52.44	No	-630	13073	15	20.7596	Si
4402 Prosp.A	Orizzontale	SLE QP 2	2.2865	-58.65	No	-623	13073	15	20.9867	Si
4409 Prosp.A	Verticale	SLE QP 4	12.3278	32.79	No	-622	13073	15	21.0182	Si
3509 Prosp.A	Orizzontale	SLE QP 2	4.7082	-105.08	No	-616	13073	15	21.2262	Si
3499 Prosp.A	Orizzontale	SLE QP 4	2.906	-44.42	No	-612	13073	15	21.3453	Si
4975 Prosp.A	Verticale	SLE RA 10	13.4796	14.81	No	-744	17430	15	23.4334	Si
3764 Prosp.A	Orizzontale	SLE QP 2	4.0086	-99.51	No	-555	13073	15	23.5395	Si
3764 Prosp.A	Verticale	SLE RA 3	13.2683	15.71	No	-729	17430	15	23.9193	Si
4966 Prosp.A	Orizzontale	SLE QP 2	2.8187	-34.5	No	-543	13073	15	24.076	Si
3761 Prosp.A	Orizzontale	SLE RA 3	2.2025	-74.75	No	-709	17430	15	24.5985	Si
4687 Prosp.A	Verticale	SLE RA 8	13.1892	25.47	No	-695	17430	15	25.0964	Si
3769 Prosp.A	Verticale	SLE QP 4	10.8559	38.43	No	-519	13073	15	25.2006	Si
5748 Prosp.A	Verticale	SLE QP 3	1.0279	-61.5	No	-503	13073	15	25.9995	Si
4988 Prosp.A	Verticale	SLE QP 1	-11.7102	60.7	No	-501	13073	15	26.0786	Si
4404 Prosp.A	Orizzontale	SLE QP 2	3.3205	-94.46	No	-497	13073	15	26.2969	Si
5397 Prosp.A	Orizzontale	SLE RA 3	4.1274	-27.55	No	-658	17430	15	26.4719	Si
4680 Prosp.A	Orizzontale	SLE RA 3	2.6529	-53.32	No	-635	17430	15	27.4448	Si
3542 Prosp.A	Orizzontale	SLE QP 2	4.0852	-74.62	No	-474	13073	15	27.5913	Si
4402 Prosp.A	Orizzontale	SLE RA 3	2.2821	-59.6	No	-628	17430	15	27.7558	Si
4409 Prosp.A	Verticale	SLE RA 8	12.3039	31.59	No	-624	17430	15	27.9244	Si
3499 Prosp.A	Orizzontale	SLE RA 7	2.8557	-47.15	No	-623	17430	15	27.9911	Si
3509 Prosp.A	Orizzontale	SLE RA 3	4.715	-106.78	No	-622	17430	15	28.0438	Si
4969 Prosp.A	Orizzontale	SLE QP 2	4.1548	-64.38	No	-456	13073	15	28.6657	Si
465 Prosp.A	Orizzontale	SLE QP 2	2.8628	-18.88	No	-455	13073	15	28.7105	Si
4684 Prosp.A	Orizzontale	SLE QP 2	3.3046	-81.1	No	-455	13073	15	28.736	Si
3769 Prosp.A	Orizzontale	SLE QP 2	3.6837	-67.29	No	-427	13073	15	30.5978	Si
3764 Prosp.A	Orizzontale	SLE RA 3	4.0045	-101.15	No	-560	17430	15	31.1168	Si
404 Prosp.A	Orizzontale	SLE QP 2	4.6897	-39.75	No	-413	13073	15	31.6375	Si
4966 Prosp.A	Orizzontale	SLE RA 3	2.8196	-35.48	No	-549	17430	15	31.7515	Si
929 Prosp.A	Orizzontale	SLE QP 2	-2.4865	-17.17	No	-400	13073	15	32.6742	Si
5399 Prosp.A	Orizzontale	SLE QP 2	5.178	-25.65	No	-400	13073	15	32.6865	Si
3769 Prosp.A	Verticale	SLE RA 7	10.8206	35.25	No	-526	17430	15	33.1176	Si
808 Prosp.A	Orizzontale	SLE QP 2	-2.9968	-67.93	No	-388	13073	15	33.733	Si
5748 Prosp.A	Verticale	SLE RA 10	1.0798	-61.53	No	-509	17430	15	34.2287	Si
3546 Prosp.A	Orizzontale	SLE QP 2	3.6502	-51.7	No	-378	13073	15	34.584	Si
4404 Prosp.A	Orizzontale	SLE RA 3	3.3211	-96	No	-502	17430	15	34.7275	Si
4988 Prosp.A	Verticale	SLE RA 1	-11.7102	60.7	No	-501	17430	15	34.7714	Si
4409 Prosp.A	Orizzontale	SLE QP 2	2.847	-66.47	No	-374	13073	15	34.9528	Si
3542 Prosp.A	Verticale	SLE QP 4	9.7909	65.94	No	-373	13073	15	35.0351	Si
343 Prosp.A	Orizzontale	SLE QP 2	3.6686	-47.64	No	-367	13073	15	35.6382	Si
281 Prosp.A	Orizzontale	SLE QP 2	3.7599	-43.97	No	-361	13073	15	36.1888	Si
3542 Prosp.A	Orizzontale	SLE RA 3	4.0841	-75.83	No	-477	17430	15	36.51	Si
5409 Prosp.A	Orizzontale	SLE QP 2	-1.7217	-24.5	No	-352	13073	15	37.1332	Si
4969 Prosp.A	Orizzontale	SLE RA 3	4.1623	-65.85	No	-461	17430	15	37.8064	Si
465 Prosp.A	Orizzontale	SLE RA 3	2.8936	-19.12	No	-460	17430	15	37.8509	Si
4684 Prosp.A	Orizzontale	SLE RA 3	3.3052	-82.64	No	-460	17430	15	37.9153	Si
4687 Prosp.A	Orizzontale	SLE QP 4	2.5724	-59.65	No	-337	13073	15	38.825	Si
810 Prosp.A	Orizzontale	SLE QP 2	-2.6481	-57.46	No	-335	13073	15	39.0612	Si
3509 Prosp.A	Verticale	SLE QP 4	8.6006	58.07	No	-327	13073	15	39.9391	Si
3769 Prosp.A	Orizzontale	SLE RA 3	3.6681	-68.53	No	-430	17430	15	40.5311	Si
779 Prosp.A	Orizzontale	SLE QP 4	-1.9512	-14.27	No	-319	13073	15	41.0212	Si
3774 Prosp.A	Orizzontale	SLE QP 2	2.9935	-44.38	No	-316	13073	15	41.3682	Si
4975 Prosp.A	Orizzontale	SLE QP 4	2.422	-55.82	No	-316	13073	15	41.3726	Si
404 Prosp.A	Orizzontale	SLE RA 3	4.7369	-40.32	No	-418	17430	15	41.7127	Si
4694 Prosp.A	Verticale	SLE QP 1	-10.403	97.66	No	-313	13073	15	41.7849	Si
5399 Prosp.A	Orizzontale	SLE RA 3	5.2405	-26.99	No	-408	17430	15	42.7278	Si
3249 Prosp.A	Orizzontale	SLE QP 2	2.0387	-59.34	No	-303	13073	15	43.0888	Si
929 Prosp.A	Orizzontale	SLE RA 5	-2.4744	-17.71	No	-402	17430	15	43.3783	Si
5407 Prosp.A	Orizzontale	SLE QP 2	-2.1135	-55	No	-301	13073	15	43.4861	Si
5404 Prosp.A	Verticale	SLE QP 3	2.2316	-54.46	No	-296	13073	15	44.238	Si
220 Prosp.A	Orizzontale	SLE QP 2	3.409	-26.89	No	-294	13073	15	44.4409	Si
808 Prosp.A	Orizzontale	SLE RA 3	-2.987	-68.98	No	-390	17430	15	44.6817	Si
3542 Prosp.A	Verticale	SLE RA 7	9.7376	59.66	No	-389	17430	15	44.8047	Si
3546 Prosp.A	Orizzontale	SLE RA 3	3.6461	-52.38	No	-380	17430	15	45.8938	Si
4409 Prosp.A	Orizzontale	SLE RA 3	2.8343	-67.62	No	-377	17430	15	46.266	Si
3244 Prosp.A	Orizzontale	SLE QP 1	-0.4146	-82.21	No	-279	13073	15	46.8063	Si
343 Prosp.A	Orizzontale	SLE RA 3	3.7031	-48.29	No	-371	17430	15	46.9971	Si
804 Prosp.A	Orizzontale	SLE QP 2	-1.9333	-51.29	No	-278	13073	15	47.022	Si
281 Prosp.A	Orizzontale	SLE RA 3	3.7949	-44.56	No	-365	17430	15	47.7344	Si
3244 Prosp.A	Orizzontale	SLE RA 7	1.1266	-92.62	No	-356	17430	15	49.0278	Si
5409 Prosp.A	Orizzontale	SLE RA 3	-1.7324	-24.69	No	-354	17430	15	49.1707	Si
3509 Prosp.A	Verticale	SLE RA 7	8.5277	51.02	No	-344	17430	15	50.6103	Si
813 Prosp.A	Orizzontale	SLE QP 2	-2.6326	-30.16	No	-256	13073	15	51.0356	Si
4687 Prosp.A	Orizzontale	SLE RA 7	2.5714	-60.65	No	-340	17430	15	51.3132	Si
810 Prosp.A	Orizzontale	SLE RA 3	-2.641	-58.11	No	-336	17430	15	51.8466	Si
779 Prosp.A	Orizzontale	SLE RA 7	-1.9438	-15.28	No	-324	17430	15	53.8262	Si
4975 Prosp.A	Orizzontale	SLE RA 7	2.4317	-56.57	No	-319	17430	15	54.6665	Si

Verifiche SLE tensione acciaio D.M. 17-01-18 §4.1.2.2.5.2

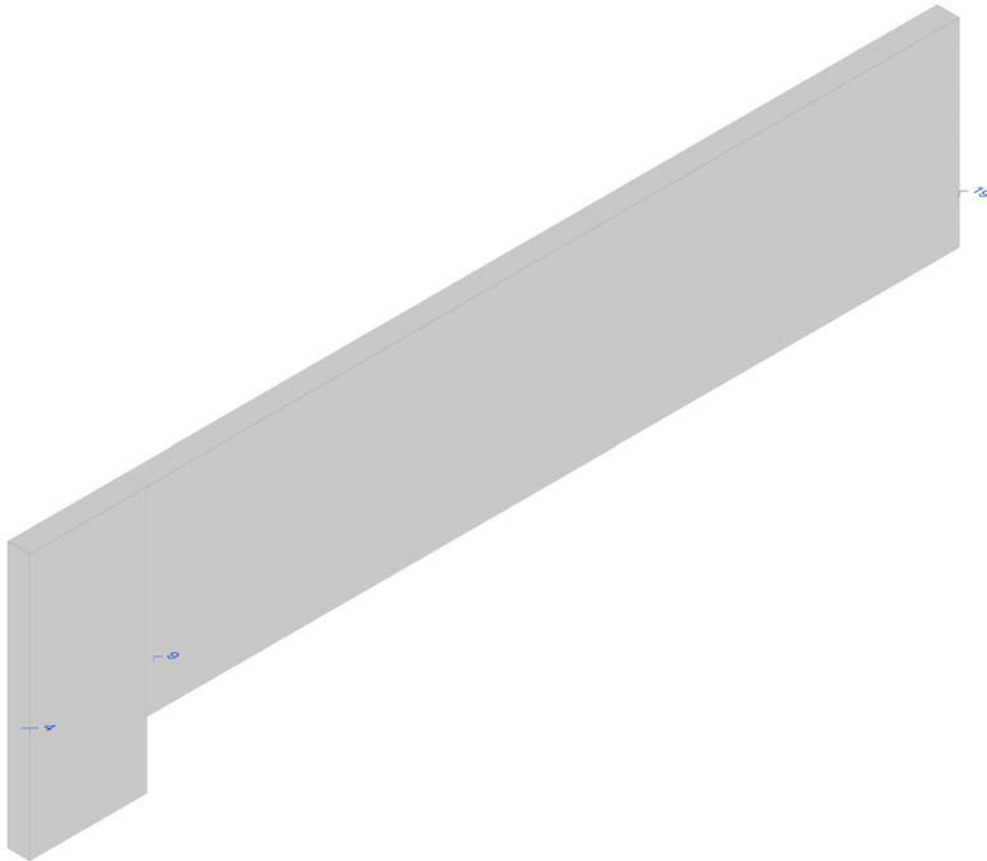
Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	of	of limite	Es/Ec	c.s.	Verifica
5752 Prosp.A	Verticale	SLE RA 3	13.4143	83.61	No	24151	360000	15	14.906	Si
5399 Prosp.A	Verticale	SLE RA 3	25.5184	66.88	No	18268	360000	15	19.7071	Si
4969 Prosp.A	Verticale	SLE RA 1	22.71	5.26	No	13792	360000	15	26.1021	Si
4684 Prosp.A	Verticale	SLE RA 4	19.5599	15.99	No	12399	360000	15	29.0336	Si
4988 Prosp.A	Verticale	SLE RA 3	-12.1182	93.43	No	11477	360000	15	31.368	Si
4694 Prosp.A	Verticale	SLE RA 3	-10.5089	112.18	No	11368	360000	15	31.6681	Si
3244 Prosp.A	Verticale	SLE RA 1	4.9822	166.68	No	10546	360000	15	34.1358	Si
4409 Prosp.A	Verticale	SLE RA 1	12.9229	58.89	No	10387	360000	15	34.6572	Si
4418 Prosp.A	Verticale	SLE RA 2	-8.6634	114.47	No	10371	360000	15	34.7123	Si

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	of	of limite	Es/Ec	c.s.	Verifica
4404 Prosp.A	Verticale	SLE RA 4	16.4788	9.19	No	10252	360000	15	35.1158	Si
4687 Prosp.A	Verticale	SLE RA 1	13.6024	45.03	No	10164	360000	15	35.4204	Si
5750 Prosp.A	Verticale	SLE RA 3	6.8894	18.57	No	10148	360000	15	35.4748	Si
3769 Prosp.A	Verticale	SLE RA 1	11.7081	68.33	No	10091	360000	15	35.6737	Si
3542 Prosp.A	Verticale	SLE RA 1	9.9769	89.34	No	10013	360000	15	35.9537	Si
4975 Prosp.A	Verticale	SLE RA 1	13.7733	27.86	No	9485	360000	15	37.9532	Si
4137 Prosp.A	Verticale	SLE RA 1	-7.1293	110.01	No	9335	360000	15	38.5628	Si
5401 Prosp.A	Verticale	SLE RA 3	13.6451	24.45	No	9254	360000	15	38.9033	Si
3509 Prosp.A	Verticale	SLE RA 1	8.9337	83.89	No	9143	360000	15	39.3751	Si
3247 Prosp.A	Verticale	SLE RA 1	6.5266	114.32	No	9089	360000	15	39.6091	Si
3764 Prosp.A	Verticale	SLE RA 1	11.7781	40.16	No	8853	360000	15	40.6628	Si
3549 Prosp.A	Verticale	SLE RA 1	-6.8824	96.47	No	8490	360000	15	42.4029	Si
3546 Prosp.A	Verticale	SLE RA 1	6.488	92.18	No	8060	360000	15	44.667	Si
3774 Prosp.A	Verticale	SLE RA 1	6.1238	93.34	No	7900	360000	15	45.5688	Si
3249 Prosp.A	Verticale	SLE RA 1	5.3859	91.82	No	7386	360000	15	48.7433	Si
3253 Prosp.A	Verticale	SLE RA 1	-5.8266	81.7	No	7189	360000	15	50.0755	Si
4414 Prosp.A	Verticale	SLE RA 1	5.1024	88.84	No	7081	360000	15	50.8377	Si
808 Prosp.A	Verticale	SLE RA 1	4.0416	89.93	No	6498	360000	15	55.4037	Si
804 Prosp.A	Verticale	SLE RA 1	1.9518	112.2	No	6263	360000	15	57.4849	Si
4691 Prosp.A	Verticale	SLE RA 10	4.3169	78.96	No	6164	360000	15	58.4074	Si
810 Prosp.A	Verticale	SLE RA 1	3.7881	73.78	No	5613	360000	15	64.1409	Si
813 Prosp.A	Verticale	SLE RA 1	-4.2278	55.65	No	5052	360000	15	71.2658	Si
5407 Prosp.A	Verticale	SLE RA 3	-13.041	-66.9	No	4743	360000	15	75.9027	Si
4981 Prosp.A	Verticale	SLE RA 7	3.0927	44.71	No	3877	360000	15	92.8614	Si
3761 Prosp.A	Orizzontale	SLE RA 10	2.2484	-69.26	No	-3864	360000	15	93.1689	Si
668 Prosp.A	Verticale	SLE RA 3	2.3081	42.2	No	3295	360000	15	109.2676	Si
671 Prosp.A	Verticale	SLE RA 3	2.4014	38.82	No	3197	360000	15	112.609	Si
4402 Prosp.A	Orizzontale	SLE RA 10	2.3415	-55.94	No	-2579	360000	15	139.5833	Si
4404 Prosp.A	Orizzontale	SLE RA 10	3.2724	-91.55	No	-2493	360000	15	144.4069	Si
673 Prosp.A	Verticale	SLE RA 1	-1.9632	27.45	No	2419	360000	15	148.8365	Si
3764 Prosp.A	Orizzontale	SLE RA 1	4.0106	-98.09	No	-2402	360000	15	149.8726	Si
3509 Prosp.A	Orizzontale	SLE RA 1	4.7	-103.58	No	-2289	360000	15	157.2781	Si
666 Prosp.A	Verticale	SLE RA 3	0.9547	35.23	No	2170	360000	15	165.8655	Si
281 Prosp.A	Verticale	SLE RA 3	0.9352	11.38	No	2150	360000	15	167.4503	Si
5397 Prosp.A	Orizzontale	SLE RA 10	4.0449	-24.46	No	1986	360000	15	181.2943	Si
4684 Prosp.A	Orizzontale	SLE RA 10	3.2801	-78.4	No	-1880	360000	15	191.4704	Si
3244 Prosp.A	Orizzontale	SLE RA 1	0.9104	-50.86	No	-1868	360000	15	192.6971	Si
343 Prosp.A	Verticale	SLE RA 3	0.8206	7.52	No	1662	360000	15	216.5634	Si
4680 Prosp.A	Orizzontale	SLE RA 10	2.6922	-49.45	No	-1639	360000	15	219.6763	Si
5399 Prosp.A	Orizzontale	SLE RA 10	5.1147	-23.82	No	1623	360000	15	221.7831	Si
3247 Prosp.A	Orizzontale	SLE RA 10	-0.4606	-40.97	No	-1621	360000	15	222.076	Si
4702 Prosp.A	Orizzontale	SLE RA 1	-1.1402	4.63	No	1588	360000	15	226.6943	Si
4424 Prosp.A	Orizzontale	SLE RA 1	-0.9314	6.78	No	1564	360000	15	230.1237	Si
3244 Prosp.A	Orizzontale	SLE RA 7	-0.1892	-34.98	No	-1518	360000	15	237.1922	Si
4995 Prosp.A	Orizzontale	SLE RA 1	-1.2952	1.97	No	1510	360000	15	238.3509	Si
4409 Prosp.A	Orizzontale	SLE RA 1	2.8589	-65.46	No	-1483	360000	15	242.7921	Si
5409 Prosp.A	Orizzontale	SLE RA 1	-1.5169	-0.97	No	1477	360000	15	243.7314	Si
465 Prosp.A	Orizzontale	SLE RA 7	2.7956	-17.27	No	1340	360000	15	268.6977	Si
4687 Prosp.A	Orizzontale	SLE RA 10	2.5818	-58.82	No	-1326	360000	15	271.5297	Si
5401 Prosp.A	Orizzontale	SLE RA 7	2.016	5.37	No	1296	360000	15	277.8574	Si
3249 Prosp.A	Orizzontale	SLE RA 10	2.0553	-49.21	No	-1164	360000	15	309.3207	Si
804 Prosp.A	Orizzontale	SLE RA 10	-1.9083	-46.84	No	-1151	360000	15	312.8969	Si
404 Prosp.A	Verticale	SLE RA 3	0.6202	4.36	No	1136	360000	15	316.7817	Si
929 Prosp.A	Orizzontale	SLE RA 1	-2.5042	-16.41	No	1116	360000	15	322.4366	Si
3542 Prosp.A	Orizzontale	SLE RA 10	3.8847	-69.01	No	-1109	360000	15	324.6358	Si
668 Prosp.A	Orizzontale	SLE RA 10	-0.4838	-29.63	No	-1097	360000	15	328.2008	Si
808 Prosp.A	Orizzontale	SLE RA 10	-2.8603	-56.71	No	-1085	360000	15	331.9164	Si
3769 Prosp.A	Orizzontale	SLE RA 1	3.6971	-66.2	No	-1079	360000	15	333.6416	Si
671 Prosp.A	Orizzontale	SLE RA 10	-1.1452	-36.75	No	-1075	360000	15	335.0378	Si
4140 Prosp.A	Orizzontale	SLE RA 1	-0.7257	3.11	No	1025	360000	15	351.0491	Si
4691 Prosp.A	Orizzontale	SLE RA 1	1.3805	-38.38	No	-1024	360000	15	351.7222	Si
779 Prosp.A	Orizzontale	SLE RA 1	-1.9799	-11.73	No	993	360000	15	362.4985	Si
5746 Prosp.A	Verticale	SLE RA 3	-6.9153	-81.09	No	955	360000	15	376.9506	Si
3247 Prosp.A	Orizzontale	SLE RA 10	0.4895	-25.86	No	-920	360000	15	391.4024	Si
220 Prosp.A	Verticale	SLE RA 1	-0.3259	5.81	No	917	360000	15	392.5338	Si
810 Prosp.A	Orizzontale	SLE RA 10	-2.4808	-46.65	No	-825	360000	15	436.2094	Si
5404 Prosp.A	Verticale	SLE RA 7	2.4554	-15.22	No	774	360000	15	465.1811	Si
4414 Prosp.A	Orizzontale	SLE RA 1	1.8777	-37.84	No	-740	360000	15	486.8019	Si
404 Prosp.A	Orizzontale	SLE RA 10	4.4021	-35.44	No	706	360000	15	510.0926	Si
5404 Prosp.A	Orizzontale	SLE RA 10	-0.3619	-19.46	No	-695	360000	15	517.8893	Si
159 Prosp.A	Orizzontale	SLE RA 1	1.4451	-8.93	No	692	360000	15	519.8724	Si
4966 Prosp.A	Orizzontale	SLE RA 10	2.5319	-21.56	No	685	360000	15	525.69	Si
666 Prosp.A	Orizzontale	SLE RA 4	-0.1636	-15.38	No	-627	360000	15	574.4207	Si
4981 Prosp.A	Orizzontale	SLE RA 1	0.9609	-24.8	No	-625	360000	15	575.7458	Si
220 Prosp.A	Orizzontale	SLE RA 1	3.3783	-26.47	No	575	360000	15	625.8217	Si
4418 Prosp.A	Orizzontale	SLE RA 1	-1.206	-2.55	No	525	360000	15	686.0996	Si
668 Prosp.A	Orizzontale	SLE RA 10	0.1404	-12.61	No	-501	360000	15	718.3573	Si
4981 Prosp.A	Orizzontale	SLE RA 9	-0.1449	-12.28	No	-482	360000	15	746.2171	Si
673 Prosp.A	Orizzontale	SLE RA 10	-1.1679	-23.78	No	-479	360000	15	751.8163	Si
4694 Prosp.A	Orizzontale	SLE RA 1	0.2081	-12.42	No	-464	360000	15	776.0813	Si
4988 Prosp.A	Orizzontale	SLE RA 1	0.0824	-10.21	No	-429	360000	15	839.6181	Si
3253 Prosp.A	Orizzontale	SLE RA 10	0.4428	-13.81	No	-403	360000	15	892.6136	Si
4137 Prosp.A	Orizzontale	SLE RA 1	-0.9527	-2.4	No	396	360000	15	908.2054	Si
4418 Prosp.A	Orizzontale	SLE RA 1	0.3865	-12.47	No	-371	360000	15	970.1576	Si
3774 Prosp.A	Orizzontale	SLE RA 10	2.9776	-42.23	No	-366	360000	15	984.9499	Si
4969 Prosp.A	Orizzontale	SLE RA 10	3.8813	-36.87	No	362	360000	15	994.7561	Si
4694 Prosp.A	Orizzontale	SLE RA 1	-1.5036	-9.83	No	346	360000	15	1039.1608	Si
3552 Prosp.A	Orizzontale	SLE RA 10	-0.1832	1.41	No	314	360000	15	1145.2936	Si
3499 Prosp.A	Orizzontale	SLE RA 1	3.0635	-38.81	No	-306	360000	15	1176.8884	Si
666 Prosp.A	Orizzontale	SLE RA 10	0.5761	-13.1	No	-300	360000	15	1198.2854	Si
804 Prosp.A	Orizzontale	SLE RA 1	0.336	-10.3	No	-297	360000	15	1210.7136	Si

Parete FILI 4-19

Verifiche condotte secondo D.M. 17-01-18 (N.T.C.)

Geometria



Caratteristiche dei materiali

Acciaio: B450C Fyk 450000

Calcestruzzo: C28/35 Rck 35000

Verifiche nei nodi

Sezioni rettangolari

Descrizione	Dir.	Base	Altezza	As,sup	As,inf	c,sup	c,inf
5901 Prosp.A	Verticale	0.95	0.5	0.001005	0.001005	0.048	0.048
5592 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5584 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
6186 Prosp.A	Verticale	0.5	0.5	0.000402	0.000603	0.048	0.048
6191 Prosp.A	Verticale	0.5	0.5	0.000402	0.000603	0.048	0.048
6181 Prosp.A	Verticale	0.5	0.5	0.000402	0.000603	0.048	0.048
6281 Prosp.A	Verticale	0.5	0.5	0.000603	0.000402	0.048	0.048
5594 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
6196 Prosp.A	Verticale	0.5	0.5	0.000402	0.000603	0.048	0.048
5267 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5269 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5903 Prosp.A	Verticale	0.95	0.5	0.001005	0.001005	0.048	0.048
5889 Prosp.A	Verticale	0.95	0.5	0.001005	0.001005	0.048	0.048
6126 Prosp.A	Verticale	0.5	0.5	0.000966	0.001167	0.048	0.048
6176 Prosp.A	Verticale	0.5	0.5	0.000402	0.000603	0.048	0.048
5265 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5582 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5271 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
6276 Prosp.A	Verticale	0.5	0.5	0.000603	0.000402	0.048	0.048
6201 Prosp.A	Verticale	0.5	0.5	0.000402	0.000603	0.048	0.048
5596 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5273 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5905 Prosp.A	Verticale	0.95	0.5	0.001005	0.001005	0.048	0.048
6271 Prosp.A	Verticale	0.5	0.5	0.000603	0.000402	0.048	0.048
5867 Prosp.A	Verticale	0.9615	0.5	0.001971	0.001971	0.048	0.048
5263 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5022 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5020 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
6206 Prosp.A	Verticale	0.5	0.5	0.000402	0.000603	0.048	0.048
6316 Prosp.A	Verticale	0.5	0.5	0.000603	0.000402	0.048	0.048
6171 Prosp.A	Verticale	0.5	0.5	0.000402	0.000603	0.048	0.048
5024 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5275 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
6169 Prosp.A	Verticale	0.5	0.5	0.000402	0.000603	0.048	0.048
5598 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5551 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
5018 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5887 Prosp.A	Verticale	0.95	0.5	0.001005	0.001005	0.048	0.048
6266 Prosp.A	Verticale	0.5	0.5	0.000603	0.000402	0.048	0.048
5580 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5882 Prosp.A	Verticale	0.9523	0.5	0.001005	0.001005	0.048	0.048
5009 Prosp.A	Verticale	1	0.5	0.00092	0.001005	0.048	0.048
5907 Prosp.A	Verticale	0.95	0.5	0.001005	0.001005	0.048	0.048
5646 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5026 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
6211 Prosp.A	Verticale	0.5	0.5	0.000402	0.000603	0.048	0.048

Descrizione	Dir.	Base	Altezza	As,sup	As,inf	c,sup	c,inf
5327 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
3663 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
5277 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
3661 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
5653 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
5261 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
3627 Prosp.A	Orizzontale	1	0.5	0.000934	0.000934	0.064	0.064
5571 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
4748 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
3665 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
3631 Prosp.A	Orizzontale	1	0.5	0.000945	0.000945	0.064	0.064
4750 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
3659 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
5953 Prosp.A	Verticale	0.95	0.5	0.001005	0.001005	0.048	0.048
5082 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5959 Prosp.A	Verticale	0.95	0.5	0.002011	0.002011	0.048	0.048
6261 Prosp.A	Verticale	0.5	0.5	0.000603	0.000402	0.048	0.048
5600 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5028 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
3667 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
3657 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
5016 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
2118 Prosp.A	Orizzontale	1	0.5	0.002011	0.002011	0.064	0.064
2057 Prosp.A	Orizzontale	1	0.5	0.002011	0.002011	0.064	0.064
6134 Prosp.A	Verticale	0.5	0.5	0.000966	0.001167	0.048	0.048
1995 Prosp.A	Orizzontale	1	0.5	0.002011	0.002011	0.064	0.064
2179 Prosp.A	Orizzontale	1	0.5	0.002011	0.002011	0.064	0.064
1934 Prosp.A	Orizzontale	1	0.5	0.002011	0.002011	0.064	0.064
4752 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
1812 Prosp.A	Orizzontale	1	0.5	0.001978	0.001978	0.064	0.064
4812 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
3669 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
2240 Prosp.A	Orizzontale	1	0.5	0.002011	0.002011	0.064	0.064
5257 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
3655 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
5072 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
1873 Prosp.A	Orizzontale	1	0.5	0.002011	0.002011	0.064	0.064
5909 Prosp.A	Verticale	0.95	0.5	0.001005	0.001005	0.048	0.048
1751 Prosp.A	Orizzontale	1	0.5	0.002011	0.002011	0.064	0.064
4746 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
1690 Prosp.A	Orizzontale	1	0.5	0.002015	0.002015	0.064	0.064
5074 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
1629 Prosp.A	Orizzontale	1	0.5	0.002011	0.002011	0.064	0.064
6216 Prosp.A	Verticale	0.5	0.5	0.000402	0.000603	0.048	0.048
3635 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
2301 Prosp.A	Orizzontale	1	0.5	0.002011	0.002011	0.064	0.064
1568 Prosp.A	Orizzontale	1	0.5	0.001982	0.001982	0.064	0.064
5070 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
3637 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
3633 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
5279 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5230 Prosp.A	Verticale	1	0.5	0.002011	0.002003	0.048	0.048
5602 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5030 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
6221 Prosp.A	Verticale	0.5	0.5	0.000402	0.000603	0.048	0.048
4754 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5911 Prosp.A	Verticale	0.95	0.5	0.001005	0.001005	0.048	0.048
5869 Prosp.A	Verticale	0.9592	0.5	0.001971	0.001971	0.048	0.048
6256 Prosp.A	Verticale	0.5	0.5	0.000603	0.000402	0.048	0.048
4479 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5281 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5556 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
5032 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
4756 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
4481 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
4955 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
6142 Prosp.A	Verticale	0.5	0.5	0.000966	0.001167	0.048	0.048
4740 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5604 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
4477 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
4804 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5333 Prosp.A	Verticale	1	0.5	0.001989	0.001989	0.048	0.048
6226 Prosp.A	Verticale	0.5	0.5	0.000402	0.000603	0.048	0.048
4802 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
4543 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5913 Prosp.A	Verticale	0.95	0.5	0.001005	0.001005	0.048	0.048
4806 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5068 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
4758 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
4714 Prosp.A	Verticale	1	0.5	0.001946	0.001946	0.048	0.048
952 Prosp.A	Verticale	0.5	0.5	0.000402	0.000603	0.048	0.048
3350 Prosp.A	Verticale	0.95	0.5	0.000804	0.001005	0.048	0.048
4449 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
6408 Prosp.A	Verticale	0.5	0.5	0.001206	0.001005	0.048	0.048
5235 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
4185 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
3350 Prosp.A	Orizzontale	1	0.5	0.001206	0.001206	0.0652	0.0652
3617 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
3352 Prosp.A	Orizzontale	1	0.5	0.001508	0.001508	0.064	0.064
4973 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
3352 Prosp.A	Verticale	0.95	0.5	0.000804	0.001005	0.048	0.048
958 Prosp.A	Verticale	0.5	0.5	0.000402	0.000603	0.048	0.048
3615 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.0654	0.0654
4197 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
885 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5090 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
4199 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
3619 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
3602 Prosp.A	Verticale	1	0.5	0.001608	0.001608	0.048	0.048
958 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064

Descrizione	Dir.	Base	Altezza	As,sup	As,inf	c,sup	c,inf
2362 Prosp.A	Orizzontale	1	0.5	0.002011	0.002011	0.064	0.064
4720 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
3617 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
2423 Prosp.A	Orizzontale	1	0.5	0.002011	0.002011	0.064	0.064
6349 Prosp.A	Verticale	0.5	0.5	0.001206	0.001005	0.048	0.048
4818 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
4481 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
3346 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
4201 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
3346 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.0654	0.0654
5874 Prosp.A	Verticale	0.9569	0.5	0.001971	0.001971	0.048	0.048
2484 Prosp.A	Orizzontale	1	0.5	0.002011	0.002011	0.064	0.064
4483 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
5957 Prosp.A	Verticale	0.95	0.5	0.002011	0.002011	0.048	0.048
3615 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
4195 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.0654	0.0654
4479 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
2545 Prosp.A	Orizzontale	1	0.5	0.002011	0.002011	0.064	0.064
5559 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
4457 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
3621 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
4485 Prosp.A	Orizzontale	1	0.5	0.001004	0.001004	0.064	0.064
5651 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
4549 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
3612 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.0654	0.0654
3327 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
1507 Prosp.A	Orizzontale	1	0.5	0.002011	0.002011	0.064	0.064
3619 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
2606 Prosp.A	Orizzontale	1	0.5	0.002011	0.002011	0.064	0.064
3354 Prosp.A	Orizzontale	1	0.5	0.001876	0.001876	0.064	0.064
4203 Prosp.A	Orizzontale	1	0.5	0.001004	0.001004	0.064	0.064
1446 Prosp.A	Orizzontale	1	0.5	0.002011	0.002011	0.064	0.064
4752 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
1385 Prosp.A	Orizzontale	1	0.5	0.002011	0.002011	0.064	0.064
4750 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
5241 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
1324 Prosp.A	Orizzontale	1	0.5	0.002011	0.002011	0.064	0.064
6150 Prosp.A	Verticale	0.5	0.5	0.000966	0.001167	0.048	0.048
5877 Prosp.A	Verticale	0.9546	0.5	0.001971	0.001971	0.048	0.048
4990 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
5562 Prosp.A	Verticale	1	0.5	0.001965	0.001965	0.048	0.048
4267 Prosp.A	Verticale	1	0.5	0.001608	0.001608	0.048	0.048
4187 Prosp.A	Verticale	1	0.5	0.001997	0.002011	0.048	0.048
4731 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
5247 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
5331 Prosp.A	Verticale	1	0.5	0.001989	0.001989	0.048	0.048
5086 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
5001 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
4816 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
3687 Prosp.A	Verticale	1	0.5	0.001206	0.001206	0.048	0.048
4470 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
3606 Prosp.A	Verticale	1	0.5	0.001608	0.001608	0.048	0.048
4547 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048

Verifiche a flessione SLU D.M. 17-01-18 §4.1.2.3.4.2

La struttura è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione, per le combinazioni SLV, viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
5901 Prosp.A	Verticale	SLV 13	-116.9189	216.94	-118.5282	219.92	1.0138	Si
5592 Prosp.A	Verticale	SLV 13	-122.3446	192.04	-124.0442	194.71	1.0139	Si
5584 Prosp.A	Verticale	SLV 13	-116.2116	220.43	-117.8602	223.55	1.0142	Si
6186 Prosp.A	Verticale	SLV 13	-64.6332	152.35	-65.9571	155.47	1.0205	Si
6191 Prosp.A	Verticale	SLV 13	-65.1727	145.31	-67.1827	149.79	1.0308	Si
6181 Prosp.A	Verticale	SLV 13	-62.424	156.45	-64.5743	161.84	1.0344	Si
6281 Prosp.A	Verticale	SLV 15	-58.0054	25.69	-60.646	26.86	1.0455	Si
5594 Prosp.A	Verticale	SLV 13	-118.1238	180.53	-124.8681	190.84	1.0571	Si
6196 Prosp.A	Verticale	SLV 13	-64.4618	136.65	-68.2723	144.73	1.0591	Si
5267 Prosp.A	Verticale	SLV 13	-121.4686	162.9	-128.7411	172.65	1.0599	Si
5269 Prosp.A	Verticale	SLV 13	-122.5126	155.29	-130.3228	165.19	1.0637	Si
5903 Prosp.A	Verticale	SLV 13	-112.2279	201.27	-119.6694	214.61	1.0663	Si
5889 Prosp.A	Verticale	SLV 13	-98.6193	263.21	-105.2982	281.03	1.0677	Si
6126 Prosp.A	Verticale	SLV 13	139.6218	26.42	149.3658	28.26	1.0698	Si
6176 Prosp.A	Verticale	SLV 13	-58.1658	155.85	-63.0369	168.9	1.0837	Si
5265 Prosp.A	Verticale	SLV 13	-116.8464	168.41	-126.6409	182.53	1.0838	Si
5582 Prosp.A	Verticale	SLV 13	-105.5609	219.86	-114.5926	238.67	1.0856	Si
5271 Prosp.A	Verticale	SLV 13	-120.8585	147.43	-131.3635	160.24	1.0869	Si
6276 Prosp.A	Verticale	SLV 15	-54.9424	28.52	-59.7715	31.03	1.0879	Si
6201 Prosp.A	Verticale	SLV 13	-62.8045	127.22	-69.2335	140.24	1.1024	Si
5596 Prosp.A	Verticale	SLV 13	-112.7232	168.67	-125.5124	187.81	1.1135	Si
5273 Prosp.A	Verticale	SLV 13	-117.2709	139.68	-132.0026	157.23	1.1256	Si
5905 Prosp.A	Verticale	SLV 13	-106.617	185.63	-120.6433	210.05	1.1316	Si
6271 Prosp.A	Verticale	SLV 15	-51.5728	30.66	-58.9261	35.03	1.1426	Si
5867 Prosp.A	Verticale	SLV 15	259.3738	81.6	297.1718	93.49	1.1457	Si
5263 Prosp.A	Verticale	SLV 13	-108.2986	169.68	-124.1	194.44	1.1459	Si
5022 Prosp.A	Verticale	SLV 13	-119.5513	111.17	-138.0746	128.4	1.1549	Si
5020 Prosp.A	Verticale	SLV 13	-117.1756	121.58	-135.5112	140.6	1.1565	Si
6206 Prosp.A	Verticale	SLV 13	-60.446	117.69	-70.0535	136.4	1.1589	Si
6316 Prosp.A	Verticale	SLV 15	-52.883	19.48	-61.5273	22.66	1.1635	Si
6171 Prosp.A	Verticale	SLV 13	-51.6238	155.39	-60.2874	181.46	1.1678	Si
5024 Prosp.A	Verticale	SLV 13	-118.7558	102.01	-139.8142	120.1	1.1773	Si
5275 Prosp.A	Verticale	SLV 13	-112.3051	132.12	-132.3362	155.69	1.1784	Si
6169 Prosp.A	Verticale	SLV 3	25.705	168.92	30.2993	199.11	1.1787	Si
5598 Prosp.A	Verticale	SLV 13	-106.4746	156.64	-126.0305	185.41	1.1837	Si
5551 Prosp.A	Verticale	SLV 15	248.0516	117.7	294.6733	139.82	1.188	Si
5018 Prosp.A	Verticale	SLV 13	-110.9143	129.91	-132.4476	155.13	1.1941	Si
5887 Prosp.A	Verticale	SLV 13	-84.3421	250.57	-101.0746	300.28	1.1984	Si
6266 Prosp.A	Verticale	SLV 15	-48.0049	33.95	-57.7087	40.82	1.2021	Si
5580 Prosp.A	Verticale	SLV 13	-91.9374	212.23	-110.8528	255.9	1.2057	Si
5882 Prosp.A	Verticale	SLV 13	88.3459	228.05	106.5865	275.14	1.2065	Si
5009 Prosp.A	Verticale	SLV 15	98.2123	128.87	118.5739	155.59	1.2073	Si

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
5907 Prosp.A	Verticale	SLV 13	-100.3498	170.23	-121.49	206.09	1.2107	Si
5646 Prosp.A	Verticale	SLV 15	125.1235	51.25	151.8427	62.19	1.2135	Si
5026 Prosp.A	Verticale	SLV 13	-115.6901	94.95	-140.7699	115.53	1.2168	Si
6211 Prosp.A	Verticale	SLV 13	-57.5753	108.19	-70.7798	133.01	1.2293	Si
5327 Prosp.A	Verticale	SLV 15	120.8652	62.32	148.8345	76.74	1.2314	Si
3663 Prosp.A	Orizzontale	SLV 13	132.0619	-26.09	164.4674	-32.49	1.2454	Si
5277 Prosp.A	Verticale	SLV 13	-106.3567	124.49	-132.4647	155.06	1.2455	Si
3661 Prosp.A	Orizzontale	SLV 13	132.0366	-26.35	164.5325	-32.83	1.2461	Si
5653 Prosp.A	Verticale	SLV 15	238.0285	103.95	296.6895	129.56	1.2464	Si
5261 Prosp.A	Verticale	SLV 13	-96.5467	169.31	-120.488	211.3	1.248	Si
3627 Prosp.A	Orizzontale	SLV 15	128.631	-53.62	160.6403	-66.97	1.2488	Si
5571 Prosp.A	Verticale	SLV 13	90.6869	196	113.2658	244.8	1.249	Si
4748 Prosp.A	Verticale	SLV 13	-113.2081	89.05	-141.631	111.41	1.2511	Si
3665 Prosp.A	Orizzontale	SLV 13	131.3226	-26.29	164.5542	-32.94	1.2531	Si
3631 Prosp.A	Orizzontale	SLV 15	128.55	-48.92	161.1963	-61.34	1.254	Si
4750 Prosp.A	Verticale	SLV 13	-116.4613	71.81	-146.0724	90.07	1.2543	Si
3659 Prosp.A	Orizzontale	SLV 13	131.2358	-26.9	164.7171	-33.77	1.2551	Si
5953 Prosp.A	Verticale	SLV 15	123.0481	38.12	154.5524	47.87	1.256	Si
5082 Prosp.A	Verticale	SLV 15	116.104	72.32	145.902	90.89	1.2566	Si
5959 Prosp.A	Verticale	SLV 15	243.4427	58.39	307.0741	73.65	1.2614	Si
6261 Prosp.A	Verticale	SLV 15	-44.3196	37.73	-56.2176	47.85	1.2685	Si
5600 Prosp.A	Verticale	SLV 15	-99.6712	144.56	-126.4534	183.4	1.2687	Si
5028 Prosp.A	Verticale	SLV 15	-110.8087	91.47	-140.6512	116.11	1.2693	Si
3667 Prosp.A	Orizzontale	SLV 13	129.8183	-27.03	164.8258	-34.31	1.2697	Si
3657 Prosp.A	Orizzontale	SLV 13	129.6415	-27.68	165.0107	-35.24	1.2728	Si
5016 Prosp.A	Verticale	SLV 13	-101.5738	132.01	-129.6256	168.47	1.2762	Si
2118 Prosp.A	Orizzontale	SLV 13	246.8615	-35.66	315.4197	-45.56	1.2777	Si
2057 Prosp.A	Orizzontale	SLV 13	246.7917	-37.05	315.7556	-47.4	1.2794	Si
6134 Prosp.A	Verticale	SLV 13	110.0463	56	140.8435	71.67	1.2799	Si
1995 Prosp.A	Orizzontale	SLV 13	245.2995	-32.28	314.6422	-41.41	1.2827	Si
2179 Prosp.A	Orizzontale	SLV 13	245.5967	-34.44	315.1603	-44.2	1.2832	Si
1934 Prosp.A	Orizzontale	SLV 13	242.2867	-21.19	312.0161	-27.28	1.2878	Si
4752 Prosp.A	Verticale	SLV 15	-115.4591	60.09	-148.6996	77.39	1.2879	Si
1812 Prosp.A	Orizzontale	SLV 13	237.2332	-18.88	306.6449	-24.4	1.2926	Si
4812 Prosp.A	Verticale	SLV 15	110.4526	80.87	143.0254	104.72	1.2949	Si
3669 Prosp.A	Orizzontale	SLV 13	127.5315	-28.35	165.3156	-36.75	1.2963	Si
2240 Prosp.A	Orizzontale	SLV 13	242.9738	-33.42	315.0079	-43.32	1.2965	Si
5257 Prosp.A	Verticale	SLV 13	92.9342	161.74	120.7423	210.14	1.2992	Si
3655 Prosp.A	Orizzontale	SLV 13	127.2321	-28.62	165.4028	-37.21	1.3	Si
5072 Prosp.A	Verticale	SLV 15	-115.6298	52.52	-150.5605	68.38	1.3021	Si
1873 Prosp.A	Orizzontale	SLV 13	238.5358	-16.68	310.9737	-21.75	1.3037	Si
5909 Prosp.A	Verticale	SLV 15	-93.7368	154.95	-122.3209	202.2	1.3049	Si
1751 Prosp.A	Orizzontale	SLV 15	238.7133	-21.22	312.0918	-27.75	1.3074	Si
4746 Prosp.A	Verticale	SLV 13	-106.1788	95.21	-138.883	124.53	1.308	Si
1690 Prosp.A	Orizzontale	SLV 15	239.4104	-24.31	313.5415	-31.84	1.3096	Si
6171 Prosp.A	Verticale	SLV 1	24.4159	120.75	32.0286	158.4	1.3118	Si
5074 Prosp.A	Verticale	SLV 15	-113.9631	55.96	-149.5207	73.42	1.312	Si
1629 Prosp.A	Orizzontale	SLV 15	238.9862	-27.99	313.775	-36.75	1.3129	Si
6216 Prosp.A	Verticale	SLV 13	-54.3374	98.98	-71.4041	130.06	1.3141	Si
6169 Prosp.A	Verticale	SLV 13	-43.7679	147.22	-57.586	193.7	1.3157	Si
3635 Prosp.A	Orizzontale	SLV 15	126.5348	-32.47	166.5068	-42.72	1.3159	Si
2301 Prosp.A	Orizzontale	SLV 13	238.9763	-32.63	314.9469	-43	1.3179	Si
1568 Prosp.A	Orizzontale	SLV 15	237.5148	-42.6	313.2569	-56.18	1.3189	Si
5070 Prosp.A	Verticale	SLV 15	-114.4899	49.95	-151.078	65.91	1.3196	Si
3637 Prosp.A	Orizzontale	SLV 15	124.7297	-25.49	164.6954	-33.66	1.3204	Si
3633 Prosp.A	Orizzontale	SLV 15	127.7941	-42.85	169.2978	-56.77	1.3248	Si
5279 Prosp.A	Verticale	SLV 15	-99.7033	118.02	-132.1735	156.45	1.3257	Si
5230 Prosp.A	Verticale	SLV 15	224.1517	95.16	297.3344	126.22	1.3265	Si

Verifiche a flessione SLD Resistenza D.M. 17-01-18 §4.1.2.3.4.2

La struttura è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
6169 Prosp.A	Verticale	SLD 13	28.6385	136.05	32.706	155.38	1.142	Si
5901 Prosp.A	Verticale	SLD 13	-78.1516	214.13	-104.2783	285.72	1.3343	Si
6186 Prosp.A	Verticale	SLD 13	-42.6091	145.21	-57.2627	195.15	1.3439	Si
5592 Prosp.A	Verticale	SLD 13	-82.0488	189.49	-110.8389	255.98	1.3509	Si
6191 Prosp.A	Verticale	SLD 13	-43.2878	139.96	-58.5536	189.32	1.3527	Si
6181 Prosp.A	Verticale	SLD 13	-40.6053	147.59	-55.6637	202.32	1.3708	Si
5584 Prosp.A	Verticale	SLD 13	-74.6527	209.82	-103.316	290.38	1.384	Si
6196 Prosp.A	Verticale	SLD 13	-42.973	133	-59.6151	184.5	1.3873	Si
5903 Prosp.A	Verticale	SLD 13	-74.9672	200.69	-105.1793	281.57	1.403	Si
5594 Prosp.A	Verticale	SLD 13	-79.2369	179.91	-111.4703	253.1	1.4068	Si
5269 Prosp.A	Verticale	SLD 13	-82.2281	152.58	-118.6048	220.07	1.4424	Si
6201 Prosp.A	Verticale	SLD 13	-41.9181	125.1	-60.4909	180.53	1.4431	Si
6176 Prosp.A	Verticale	SLD 13	-36.8301	147.57	-53.217	213.23	1.4449	Si
5267 Prosp.A	Verticale	SLD 13	-80.7681	158.22	-116.7431	228.7	1.4454	Si
5889 Prosp.A	Verticale	SLD 13	-60.6131	246.29	-88.1885	358.34	1.4549	Si
6126 Prosp.A	Verticale	SLD 13	99.8255	31.11	145.9958	45.51	1.4625	Si
5271 Prosp.A	Verticale	SLD 13	-81.4561	146.41	-119.6753	215.11	1.4692	Si
5596 Prosp.A	Verticale	SLD 13	-75.5299	169.79	-111.8333	251.4	1.4806	Si
5905 Prosp.A	Verticale	SLD 13	-71.1005	187.01	-105.8644	278.44	1.4889	Si
5265 Prosp.A	Verticale	SLD 13	-76.2729	161.71	-113.9589	241.61	1.4941	Si
5582 Prosp.A	Verticale	SLD 13	-65.7142	207.68	-98.6202	311.67	1.5007	Si
5882 Prosp.A	Verticale	SLD 13	64.4811	210.27	97.3171	317.35	1.5092	Si
6206 Prosp.A	Verticale	SLD 13	-40.326	116.91	-61.185	177.38	1.5173	Si
5273 Prosp.A	Verticale	SLD 13	-79.1258	140.14	-120.1652	212.83	1.5187	Si
5867 Prosp.A	Verticale	SLD 13	-185.3122	80.33	-290.8407	126.08	1.5695	Si
5598 Prosp.A	Verticale	SLD 13	-71.2031	159.32	-112.0084	250.62	1.5731	Si
6281 Prosp.A	Verticale	SLD 15	-37.1246	23.47	-58.5162	36.99	1.5762	Si
6171 Prosp.A	Verticale	SLD 13	-31.5506	144.8	-49.777	228.45	1.5777	Si
5571 Prosp.A	Verticale	SLD 13	65.2892	182.51	103.5281	289.41	1.5857	Si
5275 Prosp.A	Verticale	SLD 13	-75.7239	133.87	-120.2266	212.55	1.5877	Si
5022 Prosp.A	Verticale	SLD 13	-80.6159	110.59	-128.0863	175.7	1.5888	Si
5907 Prosp.A	Verticale	SLD 13	-66.766	173.33	-106.3715	276.14	1.5932	Si
5887 Prosp.A	Verticale	SLD 13	53.2544	232.53	85.1567	371.83	1.5991	Si
5263 Prosp.A	Verticale	SLD 13	-68.6438	162.23	-109.9797	259.91	1.6022	Si
5020 Prosp.A	Verticale	SLD 13	-77.8291	118.94	-124.8681	190.82	1.6044	Si
6211 Prosp.A	Verticale	SLD 13	-38.352	108.58	-61.7456	174.82	1.61	Si
5024 Prosp.A	Verticale	SLD 13	-80.6041	103	-130.0955	166.25	1.614	Si

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
6276 Prosp.A	Verticale	SLD 15	-35.1486	26.54	-57.2033	43.2	1.6275	Si
5551 Prosp.A	Verticale	SLD 15	178.6173	95.77	291.4525	156.27	1.6317	Si
5009 Prosp.A	Verticale	SLD 13	65.6342	125.08	107.8431	205.51	1.6431	Si
5026 Prosp.A	Verticale	SLD 13	-78.676	97.12	-131.0495	161.77	1.6657	Si
5277 Prosp.A	Verticale	SLD 13	-71.5898	127.41	-120.0042	213.57	1.6763	Si
5600 Prosp.A	Verticale	SLD 13	-66.4595	148.65	-112.0224	250.55	1.6856	Si
5018 Prosp.A	Verticale	SLD 13	-71.3949	125	-120.5419	211.05	1.6884	Si
6271 Prosp.A	Verticale	SLD 15	-32.9801	29.47	-55.7916	49.85	1.6917	Si
6171 Prosp.A	Verticale	SLD 5	8.7341	142.18	14.8238	241.32	1.6972	Si
5257 Prosp.A	Verticale	SLD 13	64.9861	151.75	110.4322	257.86	1.6993	Si
5909 Prosp.A	Verticale	SLD 13	-62.1254	159.75	-106.7351	274.47	1.7181	Si
6216 Prosp.A	Verticale	SLD 13	-36.1141	100.38	-62.1818	172.84	1.7218	Si
6134 Prosp.A	Verticale	SLD 13	78.9812	54.02	136.5368	93.38	1.7287	Si
5028 Prosp.A	Verticale	SLD 13	-75.4958	92.88	-131.1343	161.33	1.737	Si
4750 Prosp.A	Verticale	SLD 13	-78.9514	74.34	-137.7973	129.75	1.7453	Si
6266 Prosp.A	Verticale	SLD 15	-30.693	33.21	-53.972	58.4	1.7584	Si
4748 Prosp.A	Verticale	SLD 13	-74.7341	88.3	-132.2163	156.22	1.7692	Si
5279 Prosp.A	Verticale	SLD 13	-66.9616	120.66	-119.5914	215.5	1.786	Si
4752 Prosp.A	Verticale	SLD 13	-79.5792	61.06	-142.1281	109.05	1.786	Si
5230 Prosp.A	Verticale	SLD 15	163.4226	80.58	293.698	144.82	1.7972	Si
5602 Prosp.A	Verticale	SLD 13	-61.4508	137.9	-111.8963	251.1	1.8209	Si
5030 Prosp.A	Verticale	SLD 13	-71.4939	89.49	-130.6687	163.56	1.8277	Si
6261 Prosp.A	Verticale	SLD 15	-28.3419	37.4	-51.8303	68.4	1.8288	Si
6316 Prosp.A	Verticale	SLD 15	-33.0413	14.53	-60.6869	26.69	1.8367	Si
6221 Prosp.A	Verticale	SLD 13	-33.7018	92.25	-62.5411	171.19	1.8557	Si
4754 Prosp.A	Verticale	SLD 13	-77.8505	51.68	-144.8085	96.14	1.8601	Si
5646 Prosp.A	Verticale	SLD 15	80.5067	37.82	150.1224	70.52	1.8647	Si
5016 Prosp.A	Verticale	SLD 13	-61.823	126.26	-115.2891	235.46	1.8648	Si
5911 Prosp.A	Verticale	SLD 13	-57.3015	146.39	-106.9849	273.32	1.8671	Si
5869 Prosp.A	Verticale	SLD 13	147.323	106.25	276.4401	199.36	1.8764	Si
5653 Prosp.A	Verticale	SLD 15	156.8195	72.4	295.3579	136.36	1.8834	Si
5327 Prosp.A	Verticale	SLD 15	77.5601	47.72	146.1103	89.89	1.8838	Si
6256 Prosp.A	Verticale	SLD 15	-25.9662	42.07	-49.3432	79.95	1.9003	Si
4746 Prosp.A	Verticale	SLD 13	-67.1882	92.63	-127.9459	176.39	1.9043	Si
4479 Prosp.A	Verticale	SLD 13	-76.8639	46.13	-146.5182	87.93	1.9062	Si
5082 Prosp.A	Verticale	SLD 15	74.4117	56.4	142.3588	107.91	1.9131	Si
5281 Prosp.A	Verticale	SLD 13	-62.011	113.63	-119.0285	218.11	1.9195	Si
5959 Prosp.A	Verticale	SLD 15	158.6388	40.07	306.3515	77.39	1.9311	Si
5556 Prosp.A	Verticale	SLD 13	144.7522	109.71	280.3659	212.5	1.9369	Si
5953 Prosp.A	Verticale	SLD 15	79.3984	26.22	153.9488	50.84	1.9389	Si
5032 Prosp.A	Verticale	SLD 13	-66.9469	86.28	-129.8603	167.37	1.9398	Si
4756 Prosp.A	Verticale	SLD 15	-74.4451	48.82	-145.0246	95.11	1.9481	Si
4481 Prosp.A	Verticale	SLD 15	-78.7965	26.57	-153.9592	51.91	1.9539	Si
4955 Prosp.A	Verticale	SLD 15	149.3896	77.25	292.4484	151.22	1.9576	Si
6142 Prosp.A	Verticale	SLD 13	63.014	81.07	123.3807	158.74	1.958	Si
4740 Prosp.A	Verticale	SLD 13	63.6043	98.21	124.5554	192.32	1.9583	Si
4812 Prosp.A	Verticale	SLD 15	70.8603	63.53	138.8921	124.53	1.9601	Si
5072 Prosp.A	Verticale	SLD 15	-74.8026	43.1	-147.1656	84.8	1.9674	Si
5604 Prosp.A	Verticale	SLD 15	-56.2967	127.6	-111.533	252.79	1.9812	Si
5074 Prosp.A	Verticale	SLD 15	-73.4862	45.2	-146.1103	89.87	1.9883	Si
5070 Prosp.A	Verticale	SLD 15	-74.1572	41.74	-147.5285	83.04	1.9894	Si
4477 Prosp.A	Verticale	SLD 13	-69.1476	63.73	-138.2807	127.44	1.9998	Si
4804 Prosp.A	Verticale	SLD 15	-72.1576	48.29	-144.6676	96.82	2.0049	Si
5333 Prosp.A	Verticale	SLD 15	145.0448	67.11	292.2061	135.2	2.0146	Si
6226 Prosp.A	Verticale	SLD 13	-31.183	84.32	-62.8246	169.89	2.0147	Si
4802 Prosp.A	Verticale	SLD 15	-72.1936	45.29	-145.7885	91.46	2.0194	Si
4543 Prosp.A	Verticale	SLD 15	66.9199	68.69	135.775	139.37	2.0289	Si
5580 Prosp.A	Verticale	SLD 9	37.6872	201.88	76.5534	410.07	2.0313	Si
5913 Prosp.A	Verticale	SLD 15	-52.4262	133.93	-106.9849	273.31	2.0407	Si
4806 Prosp.A	Verticale	SLD 15	-69.9003	52.16	-142.6639	106.45	2.041	Si
5068 Prosp.A	Verticale	SLD 15	-71.9973	41	-147.3469	83.91	2.0466	Si
4758 Prosp.A	Verticale	SLD 15	-70.5141	47.59	-144.5176	97.53	2.0495	Si
4714 Prosp.A	Verticale	SLD 15	-135.924	76.84	280.8598	158.77	2.0663	Si

Verifiche a taglio SLU D.M. 17-01-18 §4.1.2.3.5

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrzd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
802 Prosp.A	Orizzontale	0.434	0.5	Non necessaria	0	SLV 13	121.55	-448.52	14.0516	147.35	614.23	0	147.35	2.5	0.0006032	1.2122	Si
6126 Prosp.A	Verticale	0.452	0.5	Non necessaria	0	SLV 13	-82.51	26.42	139.6218	104.56	577.29	50.63	104.56	2.5	0.0009655	1.2672	Si
6134 Prosp.A	Verticale	0.452	0.5	Non necessaria	0	SLV 13	-82.33	18.38	105.9271	104.56	577.29	50.63	104.56	2.5	0.0009655	1.2699	Si
1812 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 15	-162.4	-18.76	237.0864	209.72	1116.26	0	209.72	2.5	0.0019776	1.2914	Si
1873 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 15	-162.94	-16.85	237.4303	210.62	1116	0	210.62	2.5	0.0020106	1.2927	Si
1934 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 13	-162.97	-21.19	242.2867	211.19	1116.58	0	211.19	2.5	0.0020106	1.2959	Si
1995 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 13	-162.52	-32.28	245.2995	212.64	1118.09	0	212.64	2.5	0.0020106	1.3084	Si
1751 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 15	-161.36	-21.22	238.7133	211.2	1116.59	0	211.2	2.5	0.0020106	1.3089	Si
2057 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 13	-161.56	-37.05	246.7917	213.27	1118.73	0	213.27	2.5	0.0020106	1.32	Si
3382 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 15	-162.94	-18.69	166.2971	215.77	1116.25	0	215.77	2.5	0.002156	1.3243	Si
1690 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 15	-159.8	-24.31	239.4104	211.76	1117.01	0	211.76	2.5	0.0020153	1.3251	Si
3380 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 15	-162.4	-20.44	166.692	215.29	1116.48	0	215.29	2.5	0.0021347	1.3257	Si
3384 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 13	-162.97	-22.79	171.2428	216.31	1116.8	0	216.31	2.5	0.002156	1.3273	Si
2118 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 13	-160.07	-35.66	246.8615	213.08	1118.54	0	213.08	2.5	0.0020106	1.3311	Si
3386 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 13	-162.52	-27.38	175.0616	216.91	1117.42	0	216.91	2.5	0.002156	1.3346	Si
3378 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 15	-161.36	-22.75	169.5458	216.3	1116.8	0	216.3	2.5	0.002156	1.3405	Si
1629 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 15	-157.73	-27.99	238.9862	212.08	1117.5	0	212.08	2.5	0.0020106	1.3445	Si

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
3388 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 13	-161.56	-31.93	177.4918	217.5	1118.04	0	217.5	2.5	0.002156	1.3462	Si
2179 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 13	-158.02	-34.44	245.5967	212.92	1118.38	0	212.92	2.5	0.0020106	1.3474	Si
3376 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 15	-159.8	-25.61	171.4881	216.77	1117.18	0	216.77	2.5	0.002159	1.3565	Si
3649 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 13	-133.05	-15.5	114.6768	180.69	1115.81	0	180.69	2.5	0.0010053	1.3581	Si
3647 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 13	-133.02	-16.77	110.3589	180.86	1115.99	0	180.86	2.5	0.0010053	1.3597	Si
3390 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 13	-160.07	-36.41	178.7956	218.09	1118.64	0	218.09	2.5	0.002156	1.3624	Si
3645 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 15	-132.51	-18.43	110.387	181.07	1116.21	0	181.07	2.5	0.0010053	1.3665	Si
3651 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 13	-132.59	-19.59	119.3434	181.23	1116.37	0	181.23	2.5	0.0010053	1.3668	Si
2240 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 13	-155.4	-33.42	242.9738	212.79	1118.24	0	212.79	2.5	0.0020106	1.3693	Si
1568 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 15	-155.14	-42.6	237.5148	213.01	1119.48	0	213.01	2.5	0.0019822	1.373	Si
3374 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 15	-157.73	-29.02	172.5396	217.12	1117.64	0	217.12	2.5	0.002156	1.3765	Si
3643 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 15	-131.57	-20.48	114.6046	181.34	1116.49	0	181.34	2.5	0.0010053	1.3783	Si
3392 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 13	-158.02	-35.28	179.0169	217.94	1118.49	0	217.94	2.5	0.002156	1.3792	Si
3653 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 13	-131.59	-28.78	123.0873	182.43	1117.61	0	182.43	2.5	0.0010053	1.3864	Si
3641 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 15	-130.13	-23.02	118.0593	181.68	1116.83	0	181.68	2.5	0.0010053	1.3961	Si
2301 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 13	-152.08	-32.63	238.9763	212.69	1118.13	0	212.69	2.5	0.0020106	1.3986	Si
3372 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 15	-155.14	-32.91	172.7709	217.02	1118.17	0	217.02	2.5	0.0021377	1.3989	Si
5867 Prosp.A	Verticale	0.452	0.962	Non necessaria	0	SLV 13	-146.43	87.36	257.7635	205.11	1110.18	97.37	205.11	2.5	0.0019708	1.4007	Si
3394 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 13	-155.4	-34.33	178.1628	217.82	1118.36	0	217.82	2.5	0.002156	1.4017	Si
5869 Prosp.A	Verticale	0.452	0.959	Non necessaria	0	SLV 13	-145.65	77.76	197.9102	204.78	1107.52	97.14	204.78	2.5	0.0019708	1.406	Si
3655 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 13	-130.07	-32.74	125.9719	182.95	1118.15	0	182.95	2.5	0.0010053	1.4065	Si
1507 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 15	-152.03	-56.71	235.0798	215.84	1121.39	0	215.84	2.5	0.0020106	1.4197	Si
3639 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 15	-128.2	-26	120.8064	182.07	1117.24	0	182.07	2.5	0.0010053	1.4202	Si
3657 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 13	-128.01	-31.75	128.0376	182.82	1118.01	0	182.82	2.5	0.0010053	1.4282	Si
3396 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 13	-152.08	-33.6	176.2425	217.72	1118.26	0	217.72	2.5	0.002156	1.4316	Si
2362 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 13	-147.95	-32.14	233.5791	212.62	1118.07	0	212.62	2.5	0.0020106	1.4371	Si
3370 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 15	-152.03	-46.14	172.2549	219.36	1119.96	0	219.36	2.5	0.002156	1.4428	Si
3637 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 15	-125.78	-29.41	122.9146	182.51	1117.7	0	182.51	2.5	0.0010053	1.4511	Si
1446 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 15	-148.41	-59.71	231.7696	216.23	1121.8	0	216.23	2.5	0.0020106	1.457	Si
3659 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 13	-125.34	-30.91	129.2906	182.71	1117.9	0	182.71	2.5	0.0010053	1.4577	Si
3398 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 13	-147.95	-33.18	173.2596	217.67	1118.21	0	217.67	2.5	0.002156	1.4712	Si
6408 Prosp.A	Verticale	0.452	0.5	Non necessaria	0	SLV 15	76.39	7.65	132.4746	112.61	577.29	50.63	112.61	2.5	0.0012064	1.4742	Si
6349 Prosp.A	Verticale	0.452	0.5	Non necessaria	0	SLV 15	76.39	-5.89	100.1056	113.41	578.12	50.63	113.41	2.5	0.0012064	1.4847	Si
2423 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 13	-143.01	-32.1	226.7432	212.62	1118.06	0	212.62	2.5	0.0020106	1.4868	Si
3368 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 15	-148.41	-58.69	171.034	221	1121.66	0	221	2.5	0.002156	1.4891	Si
3635 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 15	-122.87	-36.97	124.4466	183.5	1118.72	0	183.5	2.5	0.0010053	1.4935	Si
3661 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 13	-122.02	-30.29	129.7604	182.63	1117.82	0	182.63	2.5	0.0010053	1.4967	Si
1385 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 15	-144.3	-62.69	227.6741	216.62	1122.2	0	216.62	2.5	0.0020106	1.5012	Si
5957 Prosp.A	Verticale	0.452	0.95	Non necessaria	0	SLV 15	135.31	35.35	186.2248	204.82	1096.86	96.2	204.82	2.5	0.0020106	1.5137	Si
5959 Prosp.A	Verticale	0.452	0.95	Non necessaria	0	SLV 15	135.31	58.39	243.4427	204.82	1096.86	96.2	204.82	2.5	0.0020106	1.5137	Si
3400 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 13	-143.01	-33.19	169.2099	217.67	1118.21	0	217.67	2.5	0.002156	1.522	Si
3366 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 15	-144.3	-61.47	169.1941	219.66	1122.03	0	219.66	2.5	0.0021046	1.5222	Si
3663 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 13	-117.97	-29.97	129.4703	182.58	1117.77	0	182.58	2.5	0.0010053	1.5477	Si
3633 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 15	-119.49	-48.14	125.4573	184.96	1120.23	0	184.96	2.5	0.0010053	1.548	Si
2484 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 13	-137.11	-32.59	218.4128	212.68	1118.13	0	212.68	2.5	0.0020106	1.5511	Si
1324 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 15	-139.84	-65.47	222.871	216.98	1122.58	0	216.98	2.5	0.0020106	1.5517	Si
3364 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 15	-139.84	-64.04	166.7869	221.7	1122.38	0	221.7	2.5	0.002156	1.5854	Si
3402 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 13	-137.11	-33.77	164.0695	217.74	1118.29	0	217.74	2.5	0.002156	1.588	Si
1263 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 15	-135.15	-67.62	217.3415	216.25	1122.87	0	216.25	2.5	0.0019813	1.6	Si
3631 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 15	-115.65	-54.64	125.9882	185.81	1121.11	0	185.81	2.5	0.0009453	1.6066	Si
3665 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 13	-113.11	-30.1	128.4368	182.6	1117.79	0	182.6	2.5	0.0010053	1.6144	Si

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrzd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
3362 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 15	-135.15	-66.12	163.7246	219.31	1122.66	0	219.31	2.5	0.0020761	1.6227	Si
2545 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 13	-130.12	-33.67	208.5107	212.82	1118.27	0	212.82	2.5	0.0020106	1.6356	Si
952 Prosp.A	Verticale	0.452	0.5	Non necessaria	0	SLV 3	-62.53	-84.59	-28.6121	103.08	589.16	50.63	103.08	2.5	0.0006032	1.6485	Si
1202 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 15	-130.71	-68.67	211.1043	217.4	1123.01	0	217.4	2.5	0.0020106	1.6633	Si
3629 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 15	-111.41	-56.96	126.0591	186.11	1121.42	0	186.11	2.5	0.0010053	1.6706	Si
3404 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 13	-130.12	-34.9	157.8082	217.89	1118.44	0	217.89	2.5	0.002156	1.6745	Si
5551 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLV 13	-126.36	117.27	244.8287	211.95	1154.59	101.27	211.95	2.5	0.0020106	1.6773	Si
5556 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLV 13	-126.06	118.24	194.021	211.95	1154.59	101.27	211.95	2.5	0.0020106	1.6813	Si
3360 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 15	-130.71	-67.35	159.7988	222.13	1122.83	0	222.13	2.5	0.002156	1.6995	Si
3667 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 13	-107.32	-30.78	126.6661	182.69	1117.88	0	182.69	2.5	0.0010053	1.7022	Si
4229 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 13	-105.72	-14.71	68.9893	180.59	1115.71	0	180.59	2.5	0.0010053	1.7082	Si
4227 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 13	-105.73	-15.76	64.1108	180.73	1115.85	0	180.73	2.5	0.0010053	1.7093	Si
4225 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 13	-105.29	-17.2	65.7085	180.91	1116.04	0	180.91	2.5	0.0010053	1.7182	Si
4231 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 13	-105.24	-18.19	75.6641	181.04	1116.18	0	181.04	2.5	0.0010053	1.7203	Si
1141 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 15	-125.62	-68.77	203.4703	217.51	1123.02	0	217.51	2.5	0.0020134	1.7315	Si
4223 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 15	-104.42	-18.91	71.3873	181.14	1116.28	0	181.14	2.5	0.0010053	1.7347	Si
3627 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 15	-106.77	-59.08	125.6655	186.39	1121.71	0	186.39	2.5	0.0009341	1.7458	Si
4233 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 13	-104.26	-26.03	80.7087	182.07	1117.24	0	182.07	2.5	0.0010053	1.7463	Si
2606 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 13	-121.88	-35.1	196.9345	213.01	1118.47	0	213.01	2.5	0.0020106	1.7478	Si
5651 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLV 15	120.86	89.66	186.7325	211.95	1154.59	101.27	211.95	2.5	0.0020106	1.7536	Si
5653 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLV 15	120.86	103.95	238.0285	211.95	1154.59	101.27	211.95	2.5	0.0020106	1.7536	Si
4221 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 15	-103.11	-21.01	76.7618	181.41	1116.56	0	181.41	2.5	0.0010053	1.7594	Si
3358 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 15	-125.62	-68.28	154.9413	222.28	1122.96	0	222.28	2.5	0.0021566	1.7695	Si
4235 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 13	-102.79	-29.42	84.9361	182.51	1117.7	0	182.51	2.5	0.0010053	1.7756	Si
1080 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 15	-122.14	-70.23	194.7954	217.61	1123.22	0	217.61	2.5	0.0020106	1.7816	Si
3406 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 13	-121.88	-36.42	150.3843	218.09	1118.65	0	218.09	2.5	0.002156	1.7894	Si
4219 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 15	-101.36	-23.5	80.9263	181.74	1116.9	0	181.74	2.5	0.0010053	1.7931	Si
4237 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 13	-100.8	-28.58	88.5687	182.4	1117.58	0	182.4	2.5	0.0010053	1.8096	Si
3669 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 13	-100.49	-32.07	124.1495	182.86	1118.06	0	182.86	2.5	0.0010053	1.8196	Si
3356 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 15	-122.14	-72.46	147.8427	222.8	1123.52	0	222.8	2.5	0.002156	1.8241	Si
6142 Prosp.A	Verticale	0.452	0.5	Non necessaria	0	SLV 13	-57.24	64.52	85.6081	104.56	577.29	50.63	104.56	2.5	0.0009655	1.8267	Si
4217 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 15	-99.15	-26.3	84.6235	182.11	1117.28	0	182.11	2.5	0.0010053	1.8367	Si

Verifiche a taglio SLD Resistenza D.M. 17-01-18 §4.1.2.3.5

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrzd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
802 Prosp.A	Orizzontale	0.434	0.5	Non necessaria	0	SLD 13	76.51	-336.3	5.4837	132.75	599.13	0	132.75	2.5	0.0006032	1.7351	Si
6126 Prosp.A	Verticale	0.452	0.5	Non necessaria	0	SLD 13	-56.39	31.11	99.8255	104.56	577.29	50.63	104.56	2.5	0.0009655	1.8542	Si
6134 Prosp.A	Verticale	0.452	0.5	Non necessaria	0	SLD 13	-56.27	26.92	76.3097	104.56	577.29	50.63	104.56	2.5	0.0009655	1.8582	Si
1812 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	-107.03	-32.07	142.3584	211.47	1118.06	0	211.47	2.5	0.0019776	1.9758	Si
1934 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	-107.54	-31.45	147.259	212.53	1117.97	0	212.53	2.5	0.0020106	1.9763	Si
1873 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	-107.45	-30.11	143.6834	212.36	1117.79	0	212.36	2.5	0.0020106	1.9763	Si
1995 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	-107.32	-36.35	149.515	213.17	1118.64	0	213.17	2.5	0.0020106	1.9864	Si
2057 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	-106.76	-38.18	150.7971	213.41	1118.88	0	213.41	2.5	0.0020106	1.9989	Si
1751 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	-106.28	-34.47	142.7755	212.93	1118.38	0	212.93	2.5	0.0020106	2.0035	Si
5867 Prosp.A	Verticale	0.452	0.962	Non necessaria	0	SLD 13	-101.97	80.33	185.3122	205.11	1110.18	97.37	205.11	2.5	0.0019708	2.0114	Si
2118 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	-105.86	-37.01	151.1633	213.26	1118.73	0	213.26	2.5	0.0020106	2.0145	Si
5869 Prosp.A	Verticale	0.452	0.959	Non necessaria	0	SLD 13	-101.45	77.17	142.6223	204.78	1107.52	97.14	204.78	2.5	0.0019708	2.0186	Si
3384 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	-107.54	-32.27	100.2353	217.55	1118.08	0	217.55	2.5	0.002156	2.0229	Si
3382 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	-107.45	-30.99	96.6824	217.38	1117.91	0	217.38	2.5	0.002156	2.0231	Si
3380 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	-107.03	-32.79	96.0009	216.91	1118.15	0	216.91	2.5	0.0021347	2.0266	Si
3386 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	-107.32	-33.94	102.9633	217.76	1118.31	0	217.76	2.5	0.002156	2.0291	Si
1690 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	-105.19	-37.33	143.0087	213.46	1118.77	0	213.46	2.5	0.0020153	2.0292	Si

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
2179 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	-104.6	-36.05	150.6647	213.13	1118.59	0	213.13	2.5	0.0020106	2.0377	Si
3388 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	-106.76	-35.71	104.822	218	1118.55	0	218	2.5	0.002156	2.0418	Si
3378 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	-106.28	-35.03	97.3195	217.91	1118.46	0	217.91	2.5	0.002156	2.0503	Si
1629 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	-103.77	-40.64	142.5648	213.73	1119.22	0	213.73	2.5	0.0020106	2.0597	Si
3390 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	-105.86	-37.57	105.9537	218.24	1118.8	0	218.24	2.5	0.002156	2.0615	Si
2240 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	-102.95	-35.29	149.2945	213.03	1118.49	0	213.03	2.5	0.0020106	2.0693	Si
3376 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	-105.19	-37.68	98.4075	218.35	1118.81	0	218.35	2.5	0.002159	2.0757	Si
3392 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	-104.6	-36.69	106.3897	218.12	1118.68	0	218.12	2.5	0.002156	2.0854	Si
1568 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	-101.99	-49.63	141.5033	213.92	1120.43	0	213.92	2.5	0.0019822	2.0975	Si
3374 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	-103.77	-40.75	98.9713	218.66	1119.23	0	218.66	2.5	0.002156	2.1072	Si
2301 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	-100.84	-34.74	147.0465	212.96	1118.42	0	212.96	2.5	0.0020106	2.1119	Si
3649 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	-86.18	-26.31	63.3662	182.11	1117.28	0	182.11	2.5	0.0010053	2.113	Si
3647 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	-86.1	-27.64	60.0994	182.28	1117.46	0	182.28	2.5	0.0010053	2.1172	Si
3394 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	-102.95	-36	106.1421	218.03	1118.59	0	218.03	2.5	0.002156	2.1179	Si
3651 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	-85.95	-27.81	66.6345	182.3	1117.48	0	182.3	2.5	0.0010053	2.121	Si
3645 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	-85.71	-29.29	59.6278	182.5	1117.68	0	182.5	2.5	0.0010053	2.1292	Si
3653 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	-85.38	-32	69.3064	182.85	1118.05	0	182.85	2.5	0.0010053	2.1417	Si
3372 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	-101.99	-44.2	99.0667	218.5	1119.7	0	218.5	2.5	0.0021377	2.1424	Si
3643 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	-85.03	-31.26	62.0388	182.75	1117.95	0	182.75	2.5	0.0010053	2.1493	Si
3396 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	-100.84	-35.51	105.223	217.97	1118.52	0	217.97	2.5	0.002156	2.1616	Si
1507 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	-99.88	-58.47	139.8902	216.07	1121.63	0	216.07	2.5	0.0020106	2.1632	Si
3655 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	-84.46	-33.64	71.4236	183.06	1118.27	0	183.06	2.5	0.0010053	2.1674	Si
2362 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	-98.2	-34.45	143.9075	212.93	1118.38	0	212.93	2.5	0.0020106	2.1683	Si
3641 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	-84.02	-33.6	64.1368	183.06	1118.26	0	183.06	2.5	0.0010053	2.1786	Si
3657 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	-83.19	-32.86	73.0171	182.96	1118.16	0	182.96	2.5	0.0010053	2.1992	Si
3370 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	-99.88	-52.49	98.7503	220.19	1120.82	0	220.19	2.5	0.002156	2.2045	Si
3639 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	-82.7	-36.28	65.8307	183.41	1118.63	0	183.41	2.5	0.0010053	2.2177	Si
3398 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	-98.2	-35.27	103.6407	217.94	1118.49	0	217.94	2.5	0.002156	2.2193	Si
1446 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	-97.44	-61.76	137.7939	216.5	1122.07	0	216.5	2.5	0.0020106	2.2219	Si
952 Prosp.A	Verticale	0.452	0.5	Non necessaria	0	SLD 3	-47.93	-113.97	-29.4691	107.06	593.28	50.63	107.06	2.5	0.0006032	2.2337	Si
2423 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	-95	-34.46	139.8538	212.93	1118.38	0	212.93	2.5	0.0020106	2.2414	Si
3659 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	-81.53	-32.26	74.101	182.88	1118.08	0	182.88	2.5	0.0010053	2.2431	Si
3637 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	-81.06	-39.29	67.1731	183.8	1119.03	0	183.8	2.5	0.0010053	2.2674	Si
3368 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	-97.44	-60.49	98.0605	221.24	1121.9	0	221.24	2.5	0.002156	2.2706	Si
1385 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	-94.7	-65.03	135.2806	216.93	1122.52	0	216.93	2.5	0.0020106	2.2908	Si
3400 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	-95	-35.33	101.3981	217.95	1118.5	0	217.95	2.5	0.002156	2.2943	Si
3661 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	-79.43	-31.87	74.7015	182.83	1118.03	0	182.83	2.5	0.0010053	2.3017	Si
5551 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 13	-91.73	96.95	178.191	211.95	1154.59	101.27	211.95	2.5	0.0020106	2.3106	Si
5556 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 13	-91.54	101.27	140.1578	211.95	1154.59	101.27	211.95	2.5	0.0020106	2.3153	Si
3366 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	-94.7	-63.56	97.0519	219.93	1122.32	0	219.93	2.5	0.0021046	2.3225	Si
3635 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	-79.11	-44.48	68.2135	184.48	1119.73	0	184.48	2.5	0.0010053	2.3321	Si
2484 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	-91.13	-34.82	134.8494	212.97	1118.43	0	212.97	2.5	0.0020106	2.337	Si
6408 Prosp.A	Verticale	0.452	0.5	Non necessaria	0	SLD 15	48.01	5.41	85.863	112.61	577.29	50.63	112.61	2.5	0.0012064	2.3456	Si
6349 Prosp.A	Verticale	0.452	0.5	Non necessaria	0	SLD 15	48.01	-3.37	65.3324	113.07	577.77	50.63	113.07	2.5	0.0012064	2.3551	Si
1324 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	-91.74	-68.08	132.4007	217.32	1122.93	0	217.32	2.5	0.0020106	2.3688	Si
5957 Prosp.A	Verticale	0.452	0.95	Non necessaria	0	SLD 15	86.31	25.15	121.659	204.82	1096.86	96.2	204.82	2.5	0.0020106	2.373	Si
5959 Prosp.A	Verticale	0.452	0.95	Non necessaria	0	SLD 15	86.31	40.07	158.6388	204.82	1096.86	96.2	204.82	2.5	0.0020106	2.373	Si
3663 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	-76.85	-31.71	74.8411	182.81	1118.01	0	182.81	2.5	0.0010053	2.3789	Si
3402 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	-91.13	-35.76	98.4864	218	1118.56	0	218	2.5	0.002156	2.3922	Si
3633 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	-76.84	-51.56	68.9957	185.41	1120.69	0	185.41	2.5	0.0010053	2.4128	Si
3364 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	-91.74	-66.4	95.7477	222.01	1122.7	0	222.01	2.5	0.002156	2.4199	Si

Vano di equalizzazione e sedimentazione meccanica

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
1263 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	-88.69	-70.53	129.1291	216.63	1123.26	0	216.63	2.5	0.0019813	2.4424	Si
2545 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	-86.49	-35.53	128.8426	213.07	1118.52	0	213.07	2.5	0.0020106	2.4634	Si
3362 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	-88.69	-68.77	94.0795	219.65	1123.02	0	219.65	2.5	0.0020761	2.4766	Si
3665 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	-73.71	-31.88	74.5386	182.83	1118.03	0	182.83	2.5	0.0010053	2.4805	Si
3631 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	-74.29	-56.27	69.5532	186.02	1121.33	0	186.02	2.5	0.0009453	2.5041	Si
3404 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	-86.49	-36.53	94.8913	218.1	1118.66	0	218.1	2.5	0.002156	2.5217	Si
1202 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	-85.86	-71.98	125.4333	217.83	1123.46	0	217.83	2.5	0.0020106	2.537	Si
6142 Prosp.A	Verticale	0.452	0.5	Non necessaria	0	SLD 13	-40.99	60.91	61.1914	104.56	577.29	50.63	104.56	2.5	0.0009655	2.5507	Si
3360 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	-85.86	-70.41	91.8769	222.53	1123.24	0	222.53	2.5	0.002156	2.5918	Si
3629 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	-71.46	-58.84	69.9044	186.36	1121.68	0	186.36	2.5	0.0010053	2.6079	Si
3667 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	-69.94	-32.41	73.8067	182.9	1118.1	0	182.9	2.5	0.0010053	2.6153	Si
2606 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	-80.95	-36.44	121.7631	213.19	1118.65	0	213.19	2.5	0.0020106	2.6337	Si
5230 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 15	-80.25	80.58	163.4226	211.95	1154.59	101.27	211.95	2.5	0.0020106	2.6411	Si
5235 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 15	-80.19	86.15	130.0881	211.95	1154.59	101.27	211.95	2.5	0.0020106	2.643	Si
1141 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	-82.49	-72.84	120.6939	218.04	1123.57	0	218.04	2.5	0.0020134	2.6432	Si
5651 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 15	79.55	63.14	122.3535	211.95	1154.59	101.27	211.95	2.5	0.0020106	2.6645	Si
5653 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 15	79.55	72.4	156.8195	211.95	1154.59	101.27	211.95	2.5	0.0020106	2.6645	Si
5874 Prosp.A	Verticale	0.452	0.957	Non necessaria	0	SLD 13	-76.69	116.7	113.8427	204.45	1104.85	96.91	204.45	2.5	0.0019708	2.666	Si
3406 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	-80.95	-37.55	90.5907	218.24	1118.8	0	218.24	2.5	0.002156	2.6961	Si
3358 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	-82.49	-72.12	89.0495	222.78	1123.47	0	222.78	2.5	0.0021566	2.7006	Si
4229 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	-67.13	-23.79	33.8992	181.78	1116.94	0	181.78	2.5	0.0010053	2.7079	Si
4227 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	-67.07	-24.9	30.5526	181.92	1117.09	0	181.92	2.5	0.0010053	2.7123	Si
1080 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	-80.39	-75.93	115.0618	218.35	1123.99	0	218.35	2.5	0.0020106	2.7161	Si
4231 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	-66.88	-25.08	38.552	181.94	1117.11	0	181.94	2.5	0.0010053	2.7203	Si
4714 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 15	-76.91	76.84	135.924	209.65	1154.59	101.27	209.65	2.5	0.001946	2.726	Si
4225 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	-66.73	-26.3	31.0074	182.1	1117.28	0	182.1	2.5	0.0010053	2.7291	Si
3627 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	-68.35	-61.27	70.0531	186.68	1122.01	0	186.68	2.5	0.0009341	2.7312	Si
4973 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 15	-77.18	79.6	117.883	211.95	1154.59	101.27	211.95	2.5	0.0020106	2.7462	Si
4955 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 15	-77.14	77.25	149.3896	211.95	1154.59	101.27	211.95	2.5	0.0020106	2.7476	Si
4233 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 13	-66.32	-28.66	42.1872	182.41	1117.59	0	182.41	2.5	0.0010053	2.7504	Si
4720 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 15	-77.03	75.87	105.2016	211.95	1154.59	101.27	211.95	2.5	0.0020106	2.7514	Si
4223 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	-66.11	-27.95	34.5586	182.32	1117.5	0	182.32	2.5	0.0010053	2.7579	Si

Verifiche SLE tensione calcestruzzo D.M. 17-01-18 §4.1.2.2.5.1

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	σc	σc limite	Es/Ec	c.s.	Verifica
6126 Prosp.A	Verticale	SLE QP 2	63.9814	34.69	No	-2315	13073	15	5.6471	Si
5867 Prosp.A	Verticale	SLE QP 2	120.4526	73.19	No	-2287	13073	15	5.7152	Si
952 Prosp.A	Verticale	SLE QP 4	-38.8585	-144.01	No	-2241	13073	15	5.8321	Si
5551 Prosp.A	Verticale	SLE QP 2	119.3557	78.65	No	-2177	13073	15	6.0057	Si
5230 Prosp.A	Verticale	SLE QP 2	112.5692	70.61	No	-2060	13073	15	6.3447	Si
4955 Prosp.A	Verticale	SLE QP 2	106.2879	71.07	No	-1937	13073	15	6.7505	Si
3350 Prosp.A	Verticale	SLE QP 4	-66.0456	-157.62	No	-1826	13073	15	7.1583	Si
4714 Prosp.A	Verticale	SLE QP 2	100.1341	73.11	No	-1825	13073	15	7.163	Si
6134 Prosp.A	Verticale	SLE QP 2	49.7913	33.77	No	-1778	13073	15	7.3522	Si
5869 Prosp.A	Verticale	SLE QP 2	95.5095	96.8	No	-1745	13073	15	7.4905	Si
6126 Prosp.A	Verticale	SLE RA 3	64.0079	34.67	No	-2316	17430	15	7.526	Si
5867 Prosp.A	Verticale	SLE RA 3	120.5036	73.22	No	-2288	17430	15	7.617	Si
952 Prosp.A	Verticale	SLE RA 7	-38.7855	-148.68	No	-2256	17430	15	7.7247	Si
4449 Prosp.A	Verticale	SLE QP 2	93.0359	73.82	No	-1674	13073	15	7.8074	Si
5556 Prosp.A	Verticale	SLE QP 2	94.4984	97.57	No	-1660	13073	15	7.8732	Si
5551 Prosp.A	Verticale	SLE RA 3	119.4063	78.75	No	-2177	17430	15	8.0046	Si
6408 Prosp.A	Verticale	SLE QP 2	42.36	1.86	No	-1621	13073	15	8.0628	Si
5959 Prosp.A	Verticale	SLE QP 2	79.725	21.31	No	-1573	13073	15	8.3098	Si
5235 Prosp.A	Verticale	SLE QP 2	88.8198	90.04	No	-1564	13073	15	8.3607	Si
5230 Prosp.A	Verticale	SLE RA 3	112.6143	70.69	No	-2061	17430	15	8.4566	Si
5653 Prosp.A	Verticale	SLE QP 2	81.7095	42.7	No	-1510	13073	15	8.6572	Si
4185 Prosp.A	Verticale	SLE QP 2	84.0337	68.87	No	-1508	13073	15	8.6662	Si
3350 Prosp.A	Orizzontale	SLE QP 2	-43.2279	-310.51	No	-1506	13073	15	8.6775	Si
3617 Prosp.A	Orizzontale	SLE QP 2	-50.1475	-211.95	No	-1494	13073	15	8.7515	Si
3352 Prosp.A	Orizzontale	SLE QP 2	-49.9797	-234.05	No	-1472	13073	15	8.8804	Si
4955 Prosp.A	Verticale	SLE RA 3	106.326	71.13	No	-1937	17430	15	8.9977	Si
4973 Prosp.A	Verticale	SLE QP 2	82.4469	83.06	No	-1452	13073	15	9.0012	Si
5333 Prosp.A	Verticale	SLE QP 2	78.5693	44.67	No	-1449	13073	15	9.0243	Si
3352 Prosp.A	Verticale	SLE QP 4	-48.644	-160.32	No	-1434	13073	15	9.1139	Si
958 Prosp.A	Verticale	SLE QP 4	-23.6561	-105.01	No	-1432	13073	15	9.1308	Si
3615 Prosp.A	Orizzontale	SLE QP 2	-43.1039	-240.18	No	-1395	13073	15	9.3735	Si
4197 Prosp.A	Orizzontale	SLE QP 2	-48.2969	-178.89	No	-1391	13073	15	9.3978	Si
885 Prosp.A	Verticale	SLE QP 4	-39.9681	-279.4	No	-1385	13073	15	9.4393	Si
5090 Prosp.A	Verticale	SLE QP 2	75.3375	49.61	No	-1374	13073	15	9.5142	Si

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	oc	oc limite	Es/Ec	c.s.	Verifica
3350 Prosp.A	Verticale	SLE RA 7	-65.804	-163.14	No	-1832	17430	15	9.515	Si
4199 Prosp.A	Orizzontale	SLE QP 2	-51.4425	-131.93	No	-1371	13073	15	9.5346	Si
4714 Prosp.A	Verticale	SLE RA 3	100.1638	73.15	No	-1826	17430	15	9.548	Si
2179 Prosp.A	Orizzontale	SLE QP 1	65.3002	-34.85	No	-1368	13073	15	9.5571	Si
3619 Prosp.A	Orizzontale	SLE QP 2	-51.0402	-133.58	No	-1365	13073	15	9.5741	Si
2240 Prosp.A	Orizzontale	SLE QP 1	65.2211	-34.22	No	-1365	13073	15	9.576	Si
2118 Prosp.A	Orizzontale	SLE QP 1	64.9653	-35.68	No	-1363	13073	15	9.5936	Si
3602 Prosp.A	Verticale	SLE QP 2	72.43	57.9	No	-1356	13073	15	9.6378	Si
2301 Prosp.A	Orizzontale	SLE QP 1	64.7275	-33.79	No	-1355	13073	15	9.6511	Si
2057 Prosp.A	Orizzontale	SLE QP 1	64.2103	-36.75	No	-1349	13073	15	9.6874	Si
958 Prosp.A	Orizzontale	SLE QP 4	-42.0335	-223.73	No	-1339	13073	15	9.7632	Si
2362 Prosp.A	Orizzontale	SLE QP 1	63.8115	-33.55	No	-1336	13073	15	9.7866	Si
6134 Prosp.A	Verticale	SLE RA 3	49.8161	33.76	No	-1779	17430	15	9.7977	Si
4720 Prosp.A	Verticale	SLE QP 2	75.7633	78.41	No	-1331	13073	15	9.8225	Si
1995 Prosp.A	Orizzontale	SLE QP 1	63.0242	-38.05	No	-1328	13073	15	9.8434	Si
3617 Prosp.A	Verticale	SLE QP 4	-53.7235	-90.97	No	-1325	13073	15	9.868	Si
5869 Prosp.A	Verticale	SLE RA 3	95.5557	97.03	No	-1746	17430	15	9.9845	Si
2423 Prosp.A	Orizzontale	SLE QP 1	62.4563	-33.47	No	-1309	13073	15	9.9903	Si
6349 Prosp.A	Verticale	SLE QP 2	33.909	0.36	No	-1302	13073	15	10.0407	Si
6142 Prosp.A	Verticale	SLE QP 2	39.226	55.58	No	-1300	13073	15	10.0529	Si
1934 Prosp.A	Orizzontale	SLE QP 1	61.3914	-39.62	No	-1298	13073	15	10.0698	Si
4818 Prosp.A	Verticale	SLE QP 2	71.6664	56.1	No	-1291	13073	15	10.1247	Si
4481 Prosp.A	Orizzontale	SLE QP 2	-48.7923	-117.22	No	-1286	13073	15	10.1691	Si
3346 Prosp.A	Verticale	SLE QP 4	-42.4906	-194.72	No	-1279	13073	15	10.2184	Si
4201 Prosp.A	Orizzontale	SLE QP 2	-50.6522	-92.22	No	-1279	13073	15	10.2215	Si
3346 Prosp.A	Orizzontale	SLE QP 2	-34.681	-276.09	No	-1278	13073	15	10.226	Si
5874 Prosp.A	Verticale	SLE QP 2	72.7417	105.41	No	-1273	13073	15	10.2707	Si
2484 Prosp.A	Orizzontale	SLE QP 1	60.6351	-33.54	No	-1272	13073	15	10.2753	Si
1873 Prosp.A	Orizzontale	SLE QP 1	59.2943	-41.46	No	-1260	13073	15	10.3787	Si
4483 Prosp.A	Orizzontale	SLE QP 2	-50.0014	-87.89	No	-1257	13073	15	10.4034	Si
5957 Prosp.A	Verticale	SLE QP 2	63.1585	11.54	No	-1256	13073	15	10.4062	Si
4449 Prosp.A	Verticale	SLE RA 3	93.0555	73.84	No	-1675	17430	15	10.4077	Si
3615 Prosp.A	Verticale	SLE QP 4	-53.7146	-53.83	No	-1254	13073	15	10.4207	Si
4195 Prosp.A	Orizzontale	SLE QP 2	-41.2379	-185.1	No	-1250	13073	15	10.4583	Si
4479 Prosp.A	Orizzontale	SLE QP 2	-44.6897	-145	No	-1248	13073	15	10.4713	Si
5556 Prosp.A	Verticale	SLE RA 3	94.5456	97.82	No	-1661	17430	15	10.4947	Si
2545 Prosp.A	Orizzontale	SLE QP 1	58.3092	-33.74	No	-1226	13073	15	10.6621	Si
6408 Prosp.A	Verticale	SLE RA 3	42.6851	2.3	No	-1632	17430	15	10.6786	Si
1812 Prosp.A	Orizzontale	SLE QP 1	57.0123	-43.59	No	-1221	13073	15	10.7063	Si
5559 Prosp.A	Verticale	SLE QP 2	73.6556	120.37	No	-1215	13073	15	10.7587	Si
4457 Prosp.A	Verticale	SLE QP 2	68.8477	68.67	No	-1214	13073	15	10.7682	Si
3621 Prosp.A	Orizzontale	SLE QP 2	-47.1059	-90.43	No	-1198	13073	15	10.9103	Si
1751 Prosp.A	Orizzontale	SLE QP 1	55.7411	-46.03	No	-1197	13073	15	10.9241	Si
1690 Prosp.A	Orizzontale	SLE QP 1	55.4024	-48.79	No	-1194	13073	15	10.9451	Si
4485 Prosp.A	Orizzontale	SLE QP 2	-48.8871	-66.95	No	-1193	13073	15	10.9587	Si
5651 Prosp.A	Verticale	SLE QP 2	64.034	28.97	No	-1191	13073	15	10.9725	Si
1629 Prosp.A	Orizzontale	SLE QP 2	54.9161	-51.99	No	-1191	13073	15	10.9778	Si
5959 Prosp.A	Verticale	SLE RA 3	80.2984	21.98	No	-1583	17430	15	11.0073	Si
1568 Prosp.A	Orizzontale	SLE QP 2	54.2458	-55.33	No	-1186	13073	15	11.0217	Si
4549 Prosp.A	Verticale	SLE QP 2	66.5499	62.33	No	-1181	13073	15	11.0718	Si
3612 Prosp.A	Orizzontale	SLE QP 2	-34.9423	-219.03	No	-1176	13073	15	11.1121	Si
3327 Prosp.A	Verticale	SLE QP 2	58.144	39.62	No	-1173	13073	15	11.1417	Si
1507 Prosp.A	Orizzontale	SLE QP 2	53.4181	-58.87	No	-1173	13073	15	11.1432	Si
5235 Prosp.A	Verticale	SLE RA 3	88.8641	90.26	No	-1564	17430	15	11.1442	Si
3619 Prosp.A	Verticale	SLE QP 4	-46.2446	-93.82	No	-1170	13073	15	11.1773	Si
2606 Prosp.A	Orizzontale	SLE QP 1	55.4252	-34.01	No	-1169	13073	15	11.1837	Si
3354 Prosp.A	Orizzontale	SLE QP 2	-46.3769	-128.29	No	-1168	13073	15	11.1887	Si
4203 Prosp.A	Orizzontale	SLE QP 2	-47.6168	-67.66	No	-1167	13073	15	11.2064	Si
1446 Prosp.A	Orizzontale	SLE QP 2	52.4785	-62.56	No	-1161	13073	15	11.2603	Si
4752 Prosp.A	Orizzontale	SLE QP 2	-46.4127	-76.41	No	-1157	13073	15	11.3024	Si
1385 Prosp.A	Orizzontale	SLE QP 2	51.4656	-66.21	No	-1147	13073	15	11.3952	Si
4750 Prosp.A	Orizzontale	SLE QP 2	-44.1834	-96.39	No	-1146	13073	15	11.4104	Si
5653 Prosp.A	Verticale	SLE RA 3	82.2297	43.16	No	-1519	17430	15	11.4723	Si
5241 Prosp.A	Verticale	SLE QP 2	68.7082	108.96	No	-1139	13073	15	11.4733	Si
1324 Prosp.A	Orizzontale	SLE QP 2	50.3958	-69.59	No	-1132	13073	15	11.5499	Si
4185 Prosp.A	Verticale	SLE RA 3	84.0417	68.84	No	-1509	17430	15	11.5534	Si

Verifiche SLE tensione acciaio D.M. 17-01-18 §4.1.2.2.5.2

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	of	of limite	Es/Ec	c.s.	Verifica
6126 Prosp.A	Verticale	SLE RA 3	64.0079	34.67	No	31980	360000	15	11.2569	Si
5867 Prosp.A	Verticale	SLE RA 3	120.5036	73.22	No	31412	360000	15	11.4605	Si
5551 Prosp.A	Verticale	SLE RA 3	119.4063	78.75	No	30203	360000	15	11.9193	Si
5230 Prosp.A	Verticale	SLE RA 3	112.6143	70.69	No	28393	360000	15	12.6792	Si
4955 Prosp.A	Verticale	SLE RA 3	106.326	71.13	No	26921	360000	15	13.3723	Si
6134 Prosp.A	Verticale	SLE RA 3	51.1232	50.47	No	26778	360000	15	13.444	Si
5869 Prosp.A	Verticale	SLE RA 3	95.5557	97.03	No	26043	360000	15	13.8235	Si
4714 Prosp.A	Verticale	SLE RA 3	100.1638	73.15	No	25678	360000	15	14.0199	Si
5556 Prosp.A	Verticale	SLE RA 3	94.5456	97.82	No	24864	360000	15	14.4788	Si
4449 Prosp.A	Verticale	SLE RA 3	93.0555	73.84	No	23871	360000	15	15.0809	Si
5235 Prosp.A	Verticale	SLE RA 3	88.8641	90.26	No	23325	360000	15	15.4343	Si
6142 Prosp.A	Verticale	SLE RA 3	40.3239	71.75	No	22853	360000	15	15.7532	Si
5874 Prosp.A	Verticale	SLE RA 3	74.8761	128.6	No	21914	360000	15	16.4282	Si
4973 Prosp.A	Verticale	SLE RA 3	82.487	83.21	No	21636	360000	15	16.6391	Si
4185 Prosp.A	Verticale	SLE RA 4	84.04	68.86	No	21617	360000	15	16.6536	Si
5559 Prosp.A	Verticale	SLE RA 3	73.7036	120.79	No	20575	360000	15	17.4968	Si
5653 Prosp.A	Verticale	SLE RA 3	82.2297	43.16	No	20503	360000	15	17.5585	Si
5959 Prosp.A	Verticale	SLE RA 7	80.2466	24.03	No	20350	360000	15	17.6903	Si
4720 Prosp.A	Verticale	SLE RA 3	75.7985	78.49	No	19936	360000	15	18.0581	Si
5333 Prosp.A	Verticale	SLE RA 3	79.0151	44.98	No	19835	360000	15	18.1497	Si
6408 Prosp.A	Verticale	SLE RA 7	42.7553	4.02	No	19745	360000	15	18.2326	Si
6150 Prosp.A	Verticale	SLE RA 3	31.1793	90.46	No	19567	360000	15	18.3985	Si
3602 Prosp.A	Verticale	SLE RA 4	72.4336	57.88	No	19304	360000	15	18.6493	Si
5090 Prosp.A	Verticale	SLE RA 3	75.7279	49.86	No	19153	360000	15	18.7964	Si
5241 Prosp.A	Verticale	SLE RA 3	68.7559	109.31	No	19104	360000	15	18.8446	Si
6191 Prosp.A	Verticale	SLE RA 7	-22.776	132.53	No	19061	360000	15	18.8868	Si
6186 Prosp.A	Verticale	SLE RA 7	-22.0589	136.2	No	18895	360000	15	19.0523	Si
6196 Prosp.A	Verticale	SLE RA 3	-23.2593	122.63	No	18761	360000	15	19.1887	Si
5877 Prosp.A	Verticale	SLE RA 3	57.6077	159.7	No	18592	360000	15	19.3631	Si

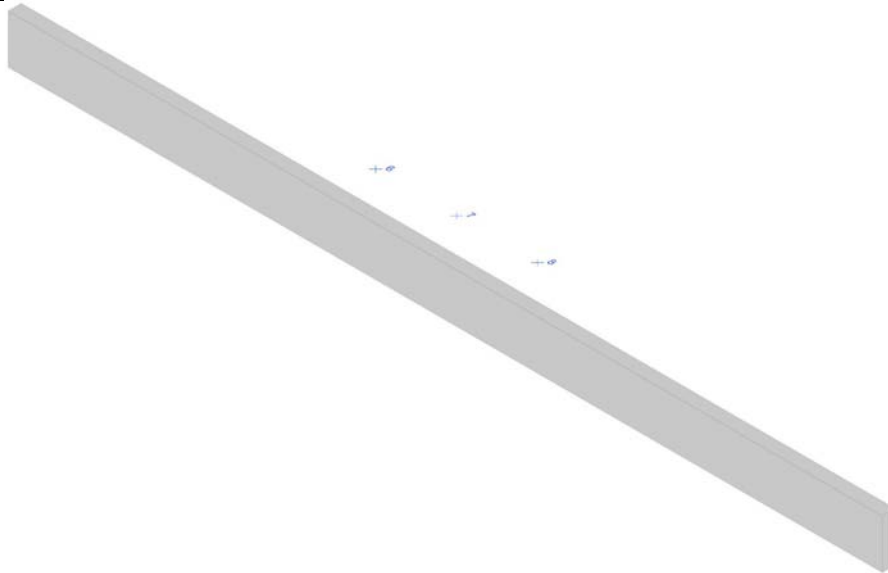
Vano di equalizzazione e sedimentazione meccanica

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	of	of limite	Es/Ec	c.s.	Verifica
4818 Prosp.A	Verticale	SLE RA 3	72.016	56.34	No	18453	360000	15	19.5095	Si
6201 Prosp.A	Verticale	SLE RA 3	-22.735	116.03	No	18126	360000	15	19.8613	Si
6181 Prosp.A	Verticale	SLE RA 7	-20.3551	137.06	No	18066	360000	15	19.9267	Si
4457 Prosp.A	Verticale	SLE RA 3	68.8767	68.66	No	18044	360000	15	19.9513	Si
4990 Prosp.A	Verticale	SLE RA 3	63.3337	98.22	No	17531	360000	15	20.5351	Si
5901 Prosp.A	Verticale	SLE RA 3	-42.5626	199.66	No	17520	360000	15	20.5484	Si
4549 Prosp.A	Verticale	SLE RA 3	66.8663	62.58	No	17408	360000	15	20.6801	Si
5882 Prosp.A	Verticale	SLE RA 3	43.5979	186.75	No	17380	360000	15	20.7135	Si
6206 Prosp.A	Verticale	SLE RA 3	-21.8198	108.96	No	17263	360000	15	20.8538	Si
5562 Prosp.A	Verticale	SLE RA 3	56.5556	144.68	No	17247	360000	15	20.8732	Si
5592 Prosp.A	Verticale	SLE RA 3	-45.1438	178.17	No	16785	360000	15	21.4476	Si
5903 Prosp.A	Verticale	SLE RA 3	-40.711	188.03	No	16670	360000	15	21.5957	Si
6176 Prosp.A	Verticale	SLE RA 7	-17.4931	136.72	No	16575	360000	15	21.7192	Si
4267 Prosp.A	Verticale	SLE RA 3	59.2369	67.02	No	16325	360000	15	22.0517	Si
6211 Prosp.A	Verticale	SLE RA 3	-20.6425	101.59	No	16249	360000	15	22.1551	Si
6169 Prosp.A	Verticale	SLE RA 3	17.6369	120.52	No	16248	360000	15	22.156	Si
3327 Prosp.A	Verticale	SLE RA 1	58.1388	39.69	No	16248	360000	15	22.157	Si
5594 Prosp.A	Verticale	SLE RA 3	-43.577	170.08	No	16148	360000	15	22.2931	Si
5957 Prosp.A	Verticale	SLE RA 7	63.4944	16.03	No	16018	360000	15	22.4745	Si
5651 Prosp.A	Verticale	SLE RA 7	64.2343	31.94	No	15968	360000	15	22.5444	Si
5269 Prosp.A	Verticale	SLE RA 3	-45.4483	145.13	No	15930	360000	15	22.5995	Si
4187 Prosp.A	Verticale	SLE RA 3	61.593	50.93	No	15871	360000	15	22.6825	Si
4731 Prosp.A	Verticale	SLE RA 3	57.515	86.02	No	15835	360000	15	22.7341	Si
5571 Prosp.A	Verticale	SLE RA 3	42.9004	165.08	No	15831	360000	15	22.7402	Si
5271 Prosp.A	Verticale	SLE RA 3	-45.4662	140.21	No	15795	360000	15	22.7922	Si
6349 Prosp.A	Verticale	SLE RA 7	34.1207	3.26	No	15760	360000	15	22.8428	Si
5247 Prosp.A	Verticale	SLE RA 3	52.4957	126.47	No	15737	360000	15	22.8758	Si
5905 Prosp.A	Verticale	SLE RA 3	-38.3961	175.91	No	15680	360000	15	22.9598	Si
5331 Prosp.A	Verticale	SLE RA 3	61.6834	39.97	No	15614	360000	15	23.0557	Si
5267 Prosp.A	Verticale	SLE RA 3	-43.5813	149.34	No	15563	360000	15	23.1321	Si
5273 Prosp.A	Verticale	SLE RA 3	-44.2473	134.98	No	15330	360000	15	23.4837	Si
5596 Prosp.A	Verticale	SLE RA 3	-41.3719	161.26	No	15325	360000	15	23.4903	Si
5584 Prosp.A	Verticale	SLE RA 7	-36.9091	196.45	No	15160	360000	15	23.7469	Si
6216 Prosp.A	Verticale	SLE RA 7	-18.7859	99.08	No	15155	360000	15	23.7552	Si
5887 Prosp.A	Verticale	SLE RA 3	32.4793	207.46	No	15005	360000	15	23.9916	Si
5086 Prosp.A	Verticale	SLE RA 3	58.1633	46.41	No	14928	360000	15	24.1164	Si
5024 Prosp.A	Verticale	SLE RA 3	-45.8611	102.15	No	14821	360000	15	24.2904	Si
5022 Prosp.A	Verticale	SLE RA 3	-45.1562	108.52	No	14818	360000	15	24.2953	Si
952 Prosp.A	Verticale	SLE RA 1	-40.6706	-110.32	No	14813	360000	15	24.3036	Si
5275 Prosp.A	Verticale	SLE RA 3	-42.2287	129.58	No	14652	360000	15	24.5702	Si
5907 Prosp.A	Verticale	SLE RA 3	-35.7918	163.56	No	14604	360000	15	24.6513	Si
5265 Prosp.A	Verticale	SLE RA 3	-39.4614	150.08	No	14512	360000	15	24.8071	Si
5026 Prosp.A	Verticale	SLE RA 3	-44.9401	97.09	No	14438	360000	15	24.9344	Si
5598 Prosp.A	Verticale	SLE RA 3	-38.7591	151.94	No	14382	360000	15	25.0313	Si
5257 Prosp.A	Verticale	SLE RA 3	39.8998	139.91	No	14338	360000	15	25.1077	Si
5001 Prosp.A	Verticale	SLE RA 3	48.1619	110.2	No	14282	360000	15	25.2067	Si
3350 Prosp.A	Verticale	SLE RA 1	-66.9774	-139.06	No	14226	360000	15	25.3057	Si
4816 Prosp.A	Verticale	SLE RA 3	54.1105	53.67	No	14168	360000	15	25.4087	Si
5020 Prosp.A	Verticale	SLE RA 3	-41.9214	115.27	No	14167	360000	15	25.4112	Si
6171 Prosp.A	Verticale	SLE RA 7	-13.1463	132.8	No	14121	360000	15	25.4933	Si
6221 Prosp.A	Verticale	SLE RA 7	-17.3723	91.8	No	14024	360000	15	25.6698	Si
3687 Prosp.A	Verticale	SLE RA 3	47.8026	65.47	No	14010	360000	15	25.696	Si
4752 Prosp.A	Verticale	SLE RA 3	-46.4255	67.2	No	13979	360000	15	25.7535	Si
4470 Prosp.A	Verticale	SLE RA 3	51.5467	68.98	No	13975	360000	15	25.7607	Si
4750 Prosp.A	Verticale	SLE RA 3	-44.866	78.46	No	13892	360000	15	25.9147	Si
5028 Prosp.A	Verticale	SLE RA 3	-43.0332	93.4	No	13838	360000	15	26.0162	Si
5277 Prosp.A	Verticale	SLE RA 3	-39.707	123.88	No	13835	360000	15	26.0219	Si
3606 Prosp.A	Verticale	SLE RA 1	53.7583	23.57	No	13796	360000	15	26.094	Si
5889 Prosp.A	Verticale	SLE RA 7	-25.751	226.68	No	13744	360000	15	26.1938	Si
2179 Prosp.A	Orizzontale	SLE RA 1	65.3002	-34.85	No	13638	360000	15	26.3966	Si
2240 Prosp.A	Orizzontale	SLE RA 1	65.2211	-34.22	No	13637	360000	15	26.3983	Si
4754 Prosp.A	Verticale	SLE RA 3	-45.6959	58.89	No	13554	360000	15	26.5609	Si
2118 Prosp.A	Orizzontale	SLE RA 1	64.9653	-35.68	No	13541	360000	15	26.5859	Si
2301 Prosp.A	Orizzontale	SLE RA 1	64.7275	-33.79	No	13538	360000	15	26.5909	Si
5580 Prosp.A	Verticale	SLE RA 3	32.2564	180.39	No	13495	360000	15	26.676	Si
5909 Prosp.A	Verticale	SLE RA 3	-33.0253	151.14	No	13482	360000	15	26.703	Si
4481 Prosp.A	Verticale	SLE RA 3	-47.4795	37.25	No	13406	360000	15	26.8544	Si
5600 Prosp.A	Verticale	SLE RA 3	-35.9026	142.29	No	13366	360000	15	26.9345	Si
2057 Prosp.A	Orizzontale	SLE RA 1	64.2103	-36.75	No	13344	360000	15	26.9783	Si
2362 Prosp.A	Orizzontale	SLE RA 1	63.8115	-33.55	No	13341	360000	15	26.9851	Si
4547 Prosp.A	Verticale	SLE RA 3	49.3949	60.43	No	13240	360000	15	27.1911	Si

Parete FILI 5-9

Verifiche condotte secondo D.M. 17-01-18 (N.T.C.)

Geometria



Caratteristiche dei materiali

Acciaio: B450C Fyk 450000
 Calcestruzzo: C28/35 Rck 35000
 Livelli significativi

Descrizione breve	Descrizione	Quota	Spessore
L1	Livello platea ribassata	-2.6	0
L2	Platea di fondazione vasca	-1.1	0

Verifiche nei nodi

Sezioni rettangolari

Descrizione	Dir.	Base	Altezza	As,sup	As,inf	c,sup	c,inf
929 Prosp.A	Verticale	0.5	0.4	0.000402	0.000402	0.048	0.048
947 Prosp.A	Verticale	0.5	0.4	0.000402	0.000402	0.048	0.048
919 Prosp.A	Verticale	0.5	0.4	0.000402	0.000402	0.048	0.048
948 Prosp.A	Verticale	0.5	0.4	0.000402	0.000402	0.048	0.048
946 Prosp.A	Verticale	0.5	0.4	0.000402	0.000402	0.048	0.048
945 Prosp.A	Verticale	0.5	0.4	0.000402	0.000402	0.048	0.048
949 Prosp.A	Verticale	0.5	0.4	0.000402	0.000402	0.048	0.048
944 Prosp.A	Verticale	0.5	0.4	0.000402	0.000402	0.048	0.048
943 Prosp.A	Verticale	0.5	0.4	0.000402	0.000377	0.048	0.048
942 Prosp.A	Verticale	0.5	0.4	0.000402	0.000402	0.048	0.048
779 Prosp.A	Verticale	1	0.4	0.001005	0.000804	0.048	0.048
905 Prosp.A	Verticale	0.5	0.4	0.000377	0.000402	0.048	0.048
950 Prosp.A	Verticale	0.5	0.4	0.000402	0.000402	0.048	0.048
941 Prosp.A	Verticale	0.5	0.4	0.000402	0.000402	0.048	0.048
904 Prosp.A	Verticale	0.5	0.4	0.000402	0.000402	0.048	0.048
903 Prosp.A	Verticale	0.5	0.4	0.000402	0.000402	0.048	0.048
940 Prosp.A	Verticale	0.5	0.4	0.000402	0.000402	0.048	0.048
939 Prosp.A	Verticale	0.5	0.4	0.000402	0.000402	0.048	0.048
938 Prosp.A	Verticale	0.5	0.4	0.000402	0.000402	0.048	0.048
906 Prosp.A	Verticale	0.5	0.4	0.000402	0.000402	0.048	0.048
902 Prosp.A	Verticale	0.5	0.4	0.000402	0.000402	0.048	0.048
937 Prosp.A	Verticale	0.5	0.4	0.000402	0.000402	0.048	0.048
907 Prosp.A	Verticale	0.5	0.4	0.000402	0.000402	0.048	0.048
798 Prosp.A	Orizzontale	1	0.4	0.001005	0.001005	0.064	0.064
799 Prosp.A	Orizzontale	1	0.4	0.001005	0.001005	0.064	0.064
908 Prosp.A	Verticale	0.5	0.4	0.000402	0.000402	0.048	0.048
909 Prosp.A	Verticale	0.5	0.4	0.000402	0.000402	0.048	0.048
901 Prosp.A	Verticale	0.5	0.4	0.000402	0.000402	0.048	0.048
910 Prosp.A	Verticale	0.5	0.4	0.000402	0.000402	0.048	0.048
797 Prosp.A	Orizzontale	1	0.4	0.001005	0.001005	0.064	0.064
936 Prosp.A	Verticale	0.5	0.4	0.000402	0.000402	0.048	0.048
951 Prosp.A	Verticale	0.5	0.4	0.000402	0.000402	0.048	0.048
930 Prosp.A	Verticale	0.5	0.4	0.000402	0.000402	0.048	0.048
769 Prosp.A	Verticale	1	0.4	0.000804	0.001005	0.048	0.048
911 Prosp.A	Verticale	0.5	0.4	0.000402	0.000402	0.048	0.048
800 Prosp.A	Orizzontale	1	0.4	0.001005	0.001005	0.064	0.064
935 Prosp.A	Verticale	0.5	0.4	0.000402	0.000402	0.048	0.048
796 Prosp.A	Orizzontale	1	0.4	0.001005	0.001005	0.064	0.064
900 Prosp.A	Verticale	0.5	0.4	0.000402	0.000402	0.048	0.048
931 Prosp.A	Verticale	0.5	0.4	0.000402	0.000402	0.048	0.048
934 Prosp.A	Verticale	0.5	0.4	0.000402	0.000402	0.048	0.048
912 Prosp.A	Verticale	0.5	0.4	0.000402	0.000402	0.048	0.048
933 Prosp.A	Verticale	0.5	0.4	0.000402	0.000402	0.048	0.048
932 Prosp.A	Verticale	0.5	0.4	0.000402	0.000402	0.048	0.048
795 Prosp.A	Orizzontale	1	0.4	0.001005	0.001005	0.064	0.064
913 Prosp.A	Verticale	0.5	0.4	0.000402	0.000402	0.048	0.048
796 Prosp.A	Verticale	1	0.4	0.001005	0.001005	0.048	0.048
797 Prosp.A	Verticale	1	0.4	0.001005	0.001005	0.048	0.048
795 Prosp.A	Verticale	1	0.4	0.001005	0.001005	0.048	0.048
798 Prosp.A	Verticale	1	0.4	0.001005	0.001005	0.048	0.048
445 Prosp.A	Orizzontale	1	0.4	0.000932	0.000932	0.064	0.064
794 Prosp.A	Verticale	1	0.4	0.001005	0.001005	0.048	0.048
794 Prosp.A	Orizzontale	1	0.4	0.001005	0.001005	0.064	0.064
443 Prosp.A	Orizzontale	1	0.4	0.001005	0.001005	0.064	0.064
918 Prosp.A	Verticale	0.5	0.4	0.000402	0.000402	0.048	0.048
442 Prosp.A	Orizzontale	1	0.4	0.001005	0.001005	0.064	0.064
914 Prosp.A	Verticale	0.5	0.4	0.000402	0.000402	0.048	0.048

Descrizione	Dir.	Base	Altezza	As,sup	As,inf	c,sup	c,inf
444 Prosp.A	Orizzontale	1	0.4	0.001005	0.001005	0.064	0.064
480 Prosp.A	Orizzontale	1	0.4	0.001005	0.001005	0.064	0.064
475 Prosp.A	Orizzontale	1	0.4	0.000932	0.000932	0.064	0.064
792 Prosp.A	Verticale	1	0.4	0.001005	0.000804	0.048	0.048
441 Prosp.A	Orizzontale	1	0.4	0.001005	0.001005	0.064	0.064
481 Prosp.A	Orizzontale	1	0.4	0.001005	0.001005	0.064	0.064
790 Prosp.A	Verticale	1	0.4	0.001005	0.000804	0.048	0.048
478 Prosp.A	Orizzontale	1	0.4	0.001005	0.001005	0.064	0.064
479 Prosp.A	Orizzontale	1	0.4	0.001005	0.001005	0.064	0.064
477 Prosp.A	Orizzontale	1	0.4	0.001005	0.001005	0.064	0.064
756 Prosp.A	Verticale	1	0.4	0.000804	0.001005	0.048	0.048
789 Prosp.A	Verticale	1	0.4	0.001005	0.000804	0.048	0.048
482 Prosp.A	Orizzontale	1	0.4	0.001005	0.001005	0.064	0.064
791 Prosp.A	Verticale	1	0.4	0.001005	0.000804	0.048	0.048
917 Prosp.A	Verticale	0.5	0.4	0.000402	0.000402	0.048	0.048
752 Prosp.A	Orizzontale	1	0.4	0.001005	0.001005	0.064	0.064
476 Prosp.A	Orizzontale	1	0.4	0.001005	0.001005	0.064	0.064
440 Prosp.A	Orizzontale	1	0.4	0.001005	0.001005	0.064	0.064
751 Prosp.A	Orizzontale	1	0.4	0.001005	0.001005	0.064	0.064
788 Prosp.A	Verticale	1	0.4	0.001005	0.000804	0.048	0.048
483 Prosp.A	Orizzontale	1	0.4	0.001005	0.001005	0.064	0.064
446 Prosp.A	Orizzontale	1	0.4	0.001005	0.001005	0.064	0.064
753 Prosp.A	Orizzontale	1	0.4	0.001005	0.001005	0.064	0.064
455 Prosp.A	Verticale	0.5	0.4	0.000603	0.000402	0.048	0.048
760 Prosp.A	Verticale	1	0.4	0.000804	0.001005	0.048	0.048
774 Prosp.A	Orizzontale	1	0.4	0.001005	0.001005	0.064	0.064
793 Prosp.A	Verticale	1	0.4	0.001005	0.000942	0.048	0.048
915 Prosp.A	Verticale	0.5	0.4	0.000402	0.000402	0.048	0.048
899 Prosp.A	Verticale	0.5	0.4	0.000402	0.000402	0.048	0.048
793 Prosp.A	Orizzontale	1	0.4	0.001005	0.001005	0.064	0.064
775 Prosp.A	Orizzontale	1	0.4	0.001005	0.001005	0.064	0.064
750 Prosp.A	Orizzontale	1	0.4	0.001005	0.001005	0.064	0.064
757 Prosp.A	Verticale	1	0.4	0.000804	0.001005	0.048	0.048
754 Prosp.A	Orizzontale	1	0.4	0.001005	0.001005	0.064	0.064
447 Prosp.A	Orizzontale	1	0.4	0.001005	0.001005	0.064	0.064
484 Prosp.A	Orizzontale	1	0.4	0.001005	0.001005	0.064	0.064
474 Prosp.A	Orizzontale	1	0.4	0.001005	0.001005	0.064	0.064
454 Prosp.A	Verticale	0.5	0.4	0.000603	0.000402	0.048	0.048
787 Prosp.A	Verticale	1	0.4	0.001005	0.000804	0.048	0.048
439 Prosp.A	Orizzontale	1	0.4	0.001005	0.001005	0.064	0.064
758 Prosp.A	Verticale	1	0.4	0.000804	0.001005	0.048	0.048
759 Prosp.A	Verticale	1	0.4	0.000804	0.001005	0.048	0.048
773 Prosp.A	Orizzontale	1	0.4	0.001005	0.001005	0.064	0.064
755 Prosp.A	Orizzontale	1	0.4	0.001005	0.001005	0.064	0.064
792 Prosp.A	Orizzontale	1	0.4	0.001005	0.001005	0.064	0.064
746 Prosp.A	Orizzontale	0.5	0.4	0.000603	0.000804	0.0663	0.0998
802 Prosp.A	Orizzontale	0.5	0.4	0.000603	0.000804	0.0663	0.0998
772 Prosp.A	Orizzontale	1	0.4	0.001005	0.001005	0.064	0.064
776 Prosp.A	Orizzontale	1	0.4	0.001005	0.001005	0.064	0.064
473 Prosp.A	Orizzontale	1	0.4	0.001005	0.001005	0.064	0.064
448 Prosp.A	Orizzontale	1	0.4	0.001005	0.001005	0.064	0.064
897 Prosp.A	Verticale	0.5	0.4	0.000402	0.000402	0.048	0.048
438 Prosp.A	Orizzontale	1	0.4	0.001005	0.001005	0.064	0.064
472 Prosp.A	Orizzontale	1	0.4	0.001005	0.001005	0.064	0.064
771 Prosp.A	Orizzontale	1	0.4	0.001005	0.001005	0.064	0.064
747 Prosp.A	Orizzontale	0.9848	0.4	0.001005	0.001206	0.0654	0.0878
801 Prosp.A	Orizzontale	0.9848	0.4	0.001005	0.001206	0.0654	0.0878
449 Prosp.A	Orizzontale	1	0.4	0.001005	0.001005	0.064	0.064
471 Prosp.A	Orizzontale	1	0.4	0.001005	0.001005	0.064	0.064
664 Prosp.A	Orizzontale	0.5	0.4	0.000574	0.000765	0.0663	0.0998
450 Prosp.A	Orizzontale	1	0.4	0.001005	0.001005	0.064	0.064
608 Prosp.A	Orizzontale	0.5	0.4	0.000574	0.000765	0.0663	0.0998
770 Prosp.A	Orizzontale	1	0.4	0.001005	0.001005	0.064	0.064
470 Prosp.A	Orizzontale	1	0.4	0.001005	0.001005	0.064	0.064
437 Prosp.A	Orizzontale	1	0.4	0.001005	0.001005	0.064	0.064
777 Prosp.A	Orizzontale	1	0.4	0.001005	0.001005	0.064	0.064
451 Prosp.A	Orizzontale	1	0.4	0.001005	0.001005	0.064	0.064
469 Prosp.A	Orizzontale	1	0.4	0.001005	0.001005	0.064	0.064
663 Prosp.A	Orizzontale	0.9848	0.4	0.000956	0.001147	0.0654	0.0878
609 Prosp.A	Orizzontale	0.9848	0.4	0.000956	0.001147	0.0654	0.0878
769 Prosp.A	Orizzontale	1	0.4	0.001005	0.001005	0.064	0.064
778 Prosp.A	Orizzontale	1	0.4	0.001005	0.001005	0.064	0.064
452 Prosp.A	Orizzontale	1	0.4	0.000959	0.000959	0.064	0.064
468 Prosp.A	Orizzontale	1	0.4	0.000959	0.000959	0.064	0.064
756 Prosp.A	Orizzontale	1	0.4	0.001005	0.001005	0.064	0.064
757 Prosp.A	Orizzontale	1	0.4	0.001005	0.001005	0.064	0.064
791 Prosp.A	Orizzontale	1	0.4	0.001005	0.001005	0.064	0.064
758 Prosp.A	Orizzontale	1	0.4	0.001005	0.001005	0.064	0.064
749 Prosp.A	Orizzontale	1	0.4	0.001005	0.001005	0.064	0.064
790 Prosp.A	Orizzontale	1	0.4	0.001005	0.001005	0.064	0.064
759 Prosp.A	Orizzontale	1	0.4	0.000932	0.000932	0.064	0.064
631 Prosp.A	Verticale	1	0.4	0.001005	0.001005	0.048	0.048
641 Prosp.A	Verticale	1	0.4	0.001005	0.001005	0.048	0.048
789 Prosp.A	Orizzontale	1	0.4	0.000932	0.000932	0.064	0.064

Verifiche a flessione SLU D.M. 17-01-18 §4.1.2.3.4.2

La struttura è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione, per le combinazioni SLV, viene eseguita calcolando i momenti resistibili in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
929 Prosp.A	Verticale	SLU 1	-21.3716	65.66	-37.4465	115.04	1.7522	Si
947 Prosp.A	Verticale	SLV 13	5.164	139.33	9.3774	253.01	1.8159	Si
919 Prosp.A	Verticale	SLV 11	-21.4964	38.64	-39.401	70.83	1.8329	Si
948 Prosp.A	Verticale	SLV 13	6.4848	127.58	11.9873	235.84	1.8485	Si
946 Prosp.A	Verticale	SLV 13	3.8705	144.3	7.1753	267.5	1.8538	Si
945 Prosp.A	Verticale	SLV 13	2.5297	145.33	4.9149	282.37	1.9429	Si
949 Prosp.A	Verticale	SLV 13	7.8167	106.12	15.6143	211.98	1.9975	Si
944 Prosp.A	Verticale	SLV 13	1.8242	143.63	3.6887	290.44	2.0221	Si
943 Prosp.A	Verticale	SLV 13	1.3528	140.29	2.8538	295.93	2.1095	Si
942 Prosp.A	Verticale	SLV 13	1.1267	136.02	2.4721	298.44	2.1941	Si
779 Prosp.A	Verticale	SLU 1	-29.3995	132.36	-65.4135	294.5	2.225	Si

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
905 Prosp.A	Verticale	SLU 3	2.1686	121.69	4.86	272.71	2.241	Si
950 Prosp.A	Verticale	SLV 13	-8.4573	81.71	-19.3772	187.22	2.2912	Si
941 Prosp.A	Verticale	SLV 13	0.9015	131.17	2.0693	301.09	2.2954	Si
904 Prosp.A	Verticale	SLU 3	2.6538	120.64	6.2255	283.01	2.3459	Si
903 Prosp.A	Verticale	SLU 3	3.2437	116.91	7.6546	275.89	2.3598	Si
940 Prosp.A	Verticale	SLU 3	1.5619	125.3	3.6913	296.15	2.3634	Si
939 Prosp.A	Verticale	SLU 3	1.6703	124.1	3.9656	294.63	2.3742	Si
938 Prosp.A	Verticale	SLU 3	1.7672	122.03	4.2465	293.22	2.4029	Si
906 Prosp.A	Verticale	SLU 3	1.7547	120.77	4.2596	293.18	2.4276	Si
902 Prosp.A	Verticale	SLU 3	3.9203	109.49	9.5266	266.08	2.4301	Si
937 Prosp.A	Verticale	SLU 3	1.8547	119.06	4.5425	291.59	2.4491	Si
907 Prosp.A	Verticale	SLU 3	1.5542	118.72	3.8633	295.12	2.4858	Si
798 Prosp.A	Orizzontale	SLV 15	30.2393	111.75	75.3611	278.51	2.4922	Si
799 Prosp.A	Orizzontale	SLV 15	24.171	147.35	60.294	367.56	2.4945	Si
908 Prosp.A	Verticale	SLU 3	1.6234	117.42	4.0681	294.27	2.506	Si
909 Prosp.A	Verticale	SLU 3	1.7106	115	4.3532	292.64	2.5448	Si
901 Prosp.A	Verticale	SLU 3	4.7452	97.01	12.3145	251.75	2.5951	Si
910 Prosp.A	Verticale	SLU 3	1.7792	111.56	4.6441	291.2	2.6102	Si
797 Prosp.A	Orizzontale	SLV 15	31.0568	84.52	83.7559	227.93	2.6969	Si
936 Prosp.A	Verticale	SLU 3	1.3074	108.6	3.5728	296.77	2.7328	Si
951 Prosp.A	Verticale	SLV 13	-15.5858	18.47	-42.7721	50.68	2.7443	Si
930 Prosp.A	Verticale	SLV 11	6.8469	67.69	19.1138	188.96	2.7916	Si
769 Prosp.A	Verticale	SLU 1	-33.7038	89.77	-95.677	254.83	2.8388	Si
911 Prosp.A	Verticale	SLU 3	1.3644	103.47	3.8893	294.93	2.8505	Si
800 Prosp.A	Orizzontale	SLV 15	16.0371	157.91	45.8899	451.87	2.8615	Si
935 Prosp.A	Verticale	SLU 3	1.3686	102.09	3.952	294.79	2.8877	Si
796 Prosp.A	Orizzontale	SLV 15	30.1009	66.93	88.7735	197.38	2.9492	Si
900 Prosp.A	Verticale	SLU 3	5.3885	78.05	16.0316	232.2	2.9752	Si
931 Prosp.A	Verticale	SLU 1	3.5523	84.17	10.9289	258.96	3.0765	Si
934 Prosp.A	Verticale	SLU 3	1.3798	95.01	4.259	293.26	3.0867	Si
912 Prosp.A	Verticale	SLU 3	1.384	94.95	4.2727	293.12	3.0872	Si
933 Prosp.A	Verticale	SLU 3	1.5538	90.77	4.9566	289.57	3.19	Si
932 Prosp.A	Verticale	SLU 1	2.1065	86.95	6.7899	280.27	3.2234	Si
795 Prosp.A	Orizzontale	SLV 15	28.2839	55.16	91.7714	178.96	3.2447	Si
913 Prosp.A	Verticale	SLU 3	1.4913	86.85	4.9708	289.47	3.3332	Si
796 Prosp.A	Verticale	SLV 13	5.9617	196.07	19.9346	655.61	3.3438	Si
797 Prosp.A	Verticale	SLV 13	7.4605	185.99	24.969	622.49	3.3468	Si
795 Prosp.A	Verticale	SLV 13	4.0248	199.01	14.0428	694.38	3.4891	Si
798 Prosp.A	Verticale	SLV 13	9.3832	160.39	33.2361	568.1	3.5421	Si
445 Prosp.A	Orizzontale	SLU 3	-38.3294	-19.85	-137.2324	-71.07	3.5803	Si
794 Prosp.A	Verticale	SLV 13	3.1861	197.8	11.4588	711.38	3.5965	Si
794 Prosp.A	Orizzontale	SLV 15	25.9149	46.6	93.5293	168.17	3.6091	Si
443 Prosp.A	Orizzontale	SLU 3	-39.6656	-18.8	-145.1321	-68.8	3.6589	Si
918 Prosp.A	Verticale	SLV 11	5.7124	48.24	20.9538	176.96	3.6681	Si
442 Prosp.A	Orizzontale	SLU 3	-39.4979	-18.69	-145.1108	-68.67	3.6739	Si
914 Prosp.A	Verticale	SLU 3	1.6245	77.38	5.9683	284.3	3.6739	Si
444 Prosp.A	Orizzontale	SLU 3	-39.2582	-19.25	-145.4935	-71.35	3.7061	Si
480 Prosp.A	Orizzontale	SLV 15	-32.6311	-3.6	-122.3107	-13.5	3.7483	Si
475 Prosp.A	Orizzontale	SLV 11	-31.325	-9.57	-117.4846	-35.89	3.7505	Si
792 Prosp.A	Verticale	SLV 15	2.0939	181.59	7.8537	681.08	3.7507	Si
441 Prosp.A	Orizzontale	SLU 3	-38.7059	-18.65	-145.3022	-70.01	3.754	Si
481 Prosp.A	Orizzontale	SLV 15	-32.6313	-4.76	-123.0005	-17.95	3.7694	Si
790 Prosp.A	Verticale	SLV 13	1.7591	177.98	6.6535	673.18	3.7824	Si
478 Prosp.A	Orizzontale	SLV 11	-32.8399	-7.42	-124.5807	-28.17	3.7936	Si
479 Prosp.A	Orizzontale	SLV 11	-32.6667	-7.07	-124.389	-26.91	3.8078	Si
477 Prosp.A	Orizzontale	SLV 11	-32.6097	-7.8	-124.8417	-29.85	3.8284	Si
756 Prosp.A	Verticale	SLU 7	3.1766	152.12	12.2119	584.79	3.8444	Si
789 Prosp.A	Verticale	SLV 13	1.6397	174.27	6.313	670.94	3.8501	Si
482 Prosp.A	Orizzontale	SLV 15	-31.8221	-4.77	-123.0841	-18.46	3.8679	Si
791 Prosp.A	Verticale	SLV 13	1.7512	174.15	6.7775	674	3.8702	Si
917 Prosp.A	Verticale	SLV 15	2.728	63.33	10.5635	245.21	3.8722	Si
935 Prosp.A	Verticale	SLV 13	-0.6885	76.35	-2.6788	297.08	3.8908	Si
752 Prosp.A	Orizzontale	SLU 3	26.1355	58.31	101.9784	227.5	3.9019	Si
936 Prosp.A	Verticale	SLV 13	-0.5075	77.25	-1.9818	301.67	3.9051	Si
476 Prosp.A	Orizzontale	SLV 11	-32.0549	-8.62	-125.4421	-33.75	3.9134	Si
440 Prosp.A	Orizzontale	SLU 3	-37.2369	-18.71	-145.7693	-73.25	3.9146	Si
751 Prosp.A	Orizzontale	SLU 3	24.8375	65.52	97.2625	256.58	3.916	Si
788 Prosp.A	Verticale	SLV 13	1.5	170.38	5.8817	668.11	3.9213	Si
483 Prosp.A	Orizzontale	SLV 15	-29.809	3.73	-117.9248	14.74	3.956	Si
446 Prosp.A	Orizzontale	SLV 11	-31.8311	-9.66	-126.1452	-38.29	3.963	Si
753 Prosp.A	Orizzontale	SLU 3	26.3768	52.72	104.6382	209.15	3.9671	Si
455 Prosp.A	Verticale	SLU 7	-2.3498	71.26	-9.331	282.97	3.971	Si
760 Prosp.A	Verticale	SLU 7	2.9724	146.14	11.9212	586.13	4.0106	Si
774 Prosp.A	Orizzontale	SLU 10	-38.5164	-33.6	-154.7392	-134.98	4.0175	Si
793 Prosp.A	Verticale	SLV 13	1.7713	183.88	7.1269	739.88	4.0236	Si
934 Prosp.A	Verticale	SLV 13	-0.849	72.5	-3.4218	292.19	4.0304	Si
915 Prosp.A	Verticale	SLU 3	1.7922	68.96	7.2262	278.04	4.032	Si
899 Prosp.A	Verticale	SLU 3	5.6612	48.6	22.8342	196.04	4.0334	Si
793 Prosp.A	Orizzontale	SLV 15	23.3277	39.68	94.6761	161.06	4.0585	Si
775 Prosp.A	Orizzontale	SLU 10	-36.8176	-25.22	-150.0681	-102.8	4.076	Si
750 Prosp.A	Orizzontale	SLU 3	21.9914	73.93	89.6908	301.53	4.0785	Si
757 Prosp.A	Verticale	SLU 7	1.979	148.12	8.0911	605.58	4.0885	Si
754 Prosp.A	Orizzontale	SLU 3	25.9236	48.26	106.2943	197.87	4.1003	Si
447 Prosp.A	Orizzontale	SLV 11	-30.83	-9.86	-126.4708	-40.44	4.1022	Si
484 Prosp.A	Orizzontale	SLV 15	-26.1061	19.51	-107.5933	80.41	4.1214	Si
474 Prosp.A	Orizzontale	SLV 11	-30.4277	-9.91	-126.595	-41.25	4.1605	Si
454 Prosp.A	Verticale	SLU 3	-3.3172	61.71	-13.8893	258.37	4.187	Si
787 Prosp.A	Verticale	SLU 3	3.5763	165.16	14.9978	692.64	4.1937	Si
439 Prosp.A	Orizzontale	SLU 3	-34.9339	-18.77	-146.5735	-78.76	4.1957	Si

Verifiche a flessione SLD Resistenza D.M. 17-01-18 §4.1.2.3.4.2

La struttura è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
946 Prosp.A	Verticale	SLD 13	3.4426	111.2	8.094	261.45	2.3512	Si
947 Prosp.A	Verticale	SLD 13	4.3731	103.72	10.3873	246.37	2.3753	Si
945 Prosp.A	Verticale	SLD 13	2.5319	114.89	6.0572	274.86	2.3923	Si
944 Prosp.A	Verticale	SLD 13	1.9673	115.87	4.8063	283.09	2.4431	Si

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
919 Prosp.A	Verticale	SLD 15	-15.5167	29.14	-38.9959	73.24	2.5132	Si
943 Prosp.A	Verticale	SLD 13	1.5215	115.06	3.8285	289.52	2.5163	Si
929 Prosp.A	Verticale	SLD 7	-13.6163	40.1	-34.2808	100.96	2.5176	Si
948 Prosp.A	Verticale	SLD 13	5.2283	90.5	13.1743	228.03	2.5198	Si
942 Prosp.A	Verticale	SLD 13	1.1556	113.07	3.0138	294.88	2.6079	Si
941 Prosp.A	Verticale	SLD 13	0.8624	110.26	2.341	299.3	2.7146	Si
940 Prosp.A	Verticale	SLD 13	0.6165	107.34	1.7416	303.25	2.825	Si
939 Prosp.A	Verticale	SLD 13	0.6443	105.19	1.853	302.51	2.8758	Si
905 Prosp.A	Verticale	SLD 5	1.7224	90.42	4.9942	262.18	2.8995	Si
949 Prosp.A	Verticale	SLD 13	5.9158	68.57	17.3206	200.75	2.9278	Si
938 Prosp.A	Verticale	SLD 15	0.7412	102.07	2.1811	300.36	2.9426	Si
903 Prosp.A	Verticale	SLD 5	2.6422	87.47	7.9303	262.53	3.0015	Si
904 Prosp.A	Verticale	SLD 5	2.1427	89.94	6.4815	272.06	3.0249	Si
902 Prosp.A	Verticale	SLD 5	3.2686	82.22	9.917	249.46	3.034	Si
779 Prosp.A	Verticale	SLD 7	-18.8271	83.57	-58.5553	259.91	3.1102	Si
901 Prosp.A	Verticale	SLD 5	3.9486	73.86	12.4466	232.82	3.1521	Si
906 Prosp.A	Verticale	SLD 5	1.3505	89.47	4.3213	286.28	3.1997	Si
937 Prosp.A	Verticale	SLD 13	0.4783	93.84	1.552	304.5	3.2447	Si
907 Prosp.A	Verticale	SLD 13	1.4933	85.52	4.929	282.28	3.3008	Si
908 Prosp.A	Verticale	SLD 13	1.4774	85.02	4.9077	282.42	3.3219	Si
909 Prosp.A	Verticale	SLD 13	1.4652	83.76	4.937	282.23	3.3695	Si
798 Prosp.A	Orizzontale	SLD 15	21.9953	80.05	75.8007	275.86	3.4462	Si
910 Prosp.A	Verticale	SLD 15	1.5325	81.23	5.2821	279.96	3.4466	Si
936 Prosp.A	Verticale	SLD 13	0.5559	87.2	1.9255	302.04	3.4637	Si
950 Prosp.A	Verticale	SLD 13	-7.0261	44.85	-24.5353	156.61	3.492	Si
900 Prosp.A	Verticale	SLD 5	4.4315	59.1	15.8021	210.74	3.5659	Si
797 Prosp.A	Orizzontale	SLD 15	23.4222	64.09	83.61	228.79	3.5697	Si
799 Prosp.A	Orizzontale	SLD 15	17.3166	96.85	62.9453	352.04	3.635	Si
935 Prosp.A	Verticale	SLD 15	0.6758	80.04	2.5174	298.14	3.7251	Si
796 Prosp.A	Orizzontale	SLD 15	23.4257	53.1	88.3098	200.17	3.7698	Si
911 Prosp.A	Verticale	SLD 13	1.078	75.93	4.0862	287.82	3.7904	Si
769 Prosp.A	Verticale	SLD 11	-21.9353	61.81	-86.7135	244.33	3.9531	Si
795 Prosp.A	Orizzontale	SLD 15	22.6276	45.45	91.1158	183.02	4.0267	Si
912 Prosp.A	Verticale	SLD 13	1.0514	70.03	4.3003	286.41	4.0901	Si
934 Prosp.A	Verticale	SLD 15	0.7223	71.34	2.9875	295.05	4.1359	Si
913 Prosp.A	Verticale	SLD 13	1.1311	66.08	4.8418	282.85	4.2805	Si
933 Prosp.A	Verticale	SLD 15	0.8599	67.39	3.705	290.33	4.3085	Si
445 Prosp.A	Orizzontale	SLD 11	-27.5658	-11.1	-119.3769	-48.07	4.3306	Si
796 Prosp.A	Verticale	SLD 13	5.1238	147.36	22.2637	640.29	4.3452	Si
794 Prosp.A	Orizzontale	SLD 15	21.3091	39.73	92.7541	172.92	4.3528	Si
931 Prosp.A	Verticale	SLD 11	2.4287	56.14	10.598	244.98	4.3636	Si
795 Prosp.A	Verticale	SLD 13	3.8765	153.56	17.0325	674.71	4.3937	Si
930 Prosp.A	Verticale	SLD 7	3.6463	47.49	16.0551	209.08	4.4031	Si
794 Prosp.A	Verticale	SLD 13	3.221	155.73	14.3236	692.53	4.4469	Si
443 Prosp.A	Orizzontale	SLD 11	-28.4903	-10.73	-127.6463	-48.09	4.4803	Si
797 Prosp.A	Verticale	SLD 13	6.1927	134.67	27.7755	604.03	4.4852	Si
442 Prosp.A	Orizzontale	SLD 11	-28.3966	-10.69	-127.6463	-48.06	4.4951	Si
914 Prosp.A	Verticale	SLD 15	1.1451	62.17	5.1703	280.69	4.5152	Si
444 Prosp.A	Orizzontale	SLD 11	-28.1846	-10.88	-127.8417	-49.34	4.5359	Si
932 Prosp.A	Verticale	SLD 11	1.3124	60.34	5.9877	275.31	4.5626	Si
475 Prosp.A	Orizzontale	SLD 11	-26.2085	-11	-119.7096	-50.22	4.5676	Si
441 Prosp.A	Orizzontale	SLD 11	-27.8649	-10.73	-127.8261	-49.23	4.5873	Si
791 Prosp.A	Verticale	SLD 13	1.8933	149.05	8.724	686.81	4.6079	Si
478 Prosp.A	Orizzontale	SLD 11	-27.567	-9.61	-127.0614	-44.29	4.6092	Si
790 Prosp.A	Verticale	SLD 13	1.7885	147.58	8.289	683.94	4.6345	Si
477 Prosp.A	Orizzontale	SLD 11	-27.4222	-9.83	-127.264	-45.6	4.6409	Si
792 Prosp.A	Verticale	SLD 15	2.0089	148.8	9.3259	690.77	4.6424	Si
479 Prosp.A	Orizzontale	SLD 11	-27.3131	-9.5	-127.0459	-44.18	4.6515	Si
752 Prosp.A	Orizzontale	SLD 3	18.7845	43.99	87.5254	204.97	4.6594	Si
751 Prosp.A	Orizzontale	SLD 3	17.8827	49.35	83.3942	230.12	4.6634	Si
480 Prosp.A	Orizzontale	SLD 15	-26.9808	-8.43	-126.3234	-39.46	4.682	Si
789 Prosp.A	Verticale	SLD 13	1.7337	145.71	8.1245	682.86	4.6863	Si
800 Prosp.A	Orizzontale	SLD 15	12.2199	81.43	57.5589	383.55	4.7103	Si
756 Prosp.A	Verticale	SLD 9	2.7782	114.87	13.1332	543.01	4.7272	Si
476 Prosp.A	Orizzontale	SLD 11	-26.9361	-10.36	-127.8105	-49.15	4.745	Si
753 Prosp.A	Orizzontale	SLD 3	18.9535	39.84	90.0798	189.33	4.7527	Si
788 Prosp.A	Verticale	SLD 13	1.6891	143.42	8.0353	682.27	4.7571	Si
793 Prosp.A	Orizzontale	SLD 15	19.7223	34.96	93.8254	166.32	4.7573	Si
951 Prosp.A	Verticale	SLD 13	-12.2448	-9.63	-58.3588	-45.89	4.766	Si
440 Prosp.A	Orizzontale	SLD 11	-26.8635	-10.86	-128.2176	-51.81	4.7729	Si
455 Prosp.A	Verticale	SLD 15	-1.9546	52.98	-9.3433	253.24	4.7802	Si
446 Prosp.A	Orizzontale	SLD 11	-26.6811	-11.38	-128.6885	-54.88	4.8232	Si
481 Prosp.A	Orizzontale	SLD 15	-26.2617	-9.15	-127.0614	-44.28	4.8383	Si
917 Prosp.A	Verticale	SLD 15	2.3207	49.63	11.2538	240.67	4.8492	Si
915 Prosp.A	Verticale	SLD 15	1.2728	56.46	6.1786	274.06	4.8543	Si
750 Prosp.A	Orizzontale	SLD 3	15.8296	55.52	76.8513	269.57	4.8549	Si
757 Prosp.A	Verticale	SLD 9	2.4128	113.37	11.7503	552.11	4.8701	Si
774 Prosp.A	Orizzontale	SLD 9	-31.8921	-47.99	-155.6327	-234.21	4.88	Si
793 Prosp.A	Verticale	SLD 13	1.927	148.37	9.4136	724.83	4.8852	Si
758 Prosp.A	Verticale	SLD 9	2.3396	112.3	11.5326	553.53	4.9292	Si
754 Prosp.A	Orizzontale	SLD 3	18.5726	36.52	91.5878	180.08	4.9313	Si
775 Prosp.A	Orizzontale	SLD 9	-30.9781	-44.07	-153.2404	-217.98	4.9467	Si
798 Prosp.A	Verticale	SLD 13	7.3388	109.59	36.5739	546.15	4.9837	Si
759 Prosp.A	Verticale	SLD 9	2.2619	110.84	11.3241	554.91	5.0064	Si
447 Prosp.A	Orizzontale	SLD 11	-25.5395	-11.65	-129.3183	-58.97	5.0635	Si
439 Prosp.A	Orizzontale	SLD 11	-25.2836	-10.76	-128.6728	-54.74	5.0892	Si
474 Prosp.A	Orizzontale	SLD 11	-25.2714	-11.34	-129.1607	-57.94	5.1109	Si
760 Prosp.A	Verticale	SLD 9	2.2043	108.62	11.2685	555.27	5.112	Si
773 Prosp.A	Orizzontale	SLD 9	-30.7789	-48.6	-157.8499	-249.25	5.1285	Si
482 Prosp.A	Orizzontale	SLD 15	-24.8013	-9.08	-127.4277	-46.65	5.1379	Si
755 Prosp.A	Orizzontale	SLD 7	18.03	32.56	93.4329	168.73	5.1821	Si
918 Prosp.A	Verticale	SLD 15	3.4646	37.79	17.9979	196.3	5.1948	Si
935 Prosp.A	Verticale	SLD 13	-0.491	57.14	-2.5595	297.87	5.2127	Si
949 Prosp.A	Verticale	SLD 13	-1.7553	48.63	-9.1795	254.31	5.2297	Si
792 Prosp.A	Orizzontale	SLD 15	18.0264	30.94	94.4932	162.17	5.2419	Si
934 Prosp.A	Verticale	SLD 13	-0.6518	55.67	-3.4213	292.2	5.2488	Si

Verifiche a taglio SLU D.M. 17-01-18 §4.1.2.3.5

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
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Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
774 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLU 7	-127.94	-36.09	-38.6626	154	862.98	0	154	2.5	0.0010053	1.2036	Si
802 Prosp.A	Orizzontale	0.334	0.5	Non necessaria	0	SLV 9	-88.66	-232.62	6.9581	106.89	456.25	0	106.89	2.5	0.0006032	1.2056	Si
746 Prosp.A	Orizzontale	0.334	0.5	Non necessaria	0	SLV 5	-86.47	-213.8	6.3549	104.54	453.82	0	104.54	2.5	0.0006032	1.2089	Si
919 Prosp.A	Verticale	0.352	0.5	Non necessaria	0	SLU 1	-61.83	34.92	-24.6895	77.11	449.57	0	77.11	2.5	0.0004021	1.2472	Si
918 Prosp.A	Verticale	0.352	0.5	Non necessaria	0	SLU 1	-61.83	63.62	5.4848	77.11	449.57	0	77.11	2.5	0.0004021	1.2472	Si
773 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLU 7	-120.58	-44.36	-37.9987	155.04	864.06	0	155.04	2.5	0.0010053	1.2858	Si
775 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLU 7	-112.45	-27.43	-36.9493	152.91	861.85	0	152.91	2.5	0.0010053	1.3598	Si
801 Prosp.A	Orizzontale	0.335	0.985	Non necessaria	0	SLU 7	-128.62	-242.51	14.6295	177.19	873.16	0	177.19	2.5	0.0010053	1.3776	Si
747 Prosp.A	Orizzontale	0.335	0.985	Non necessaria	0	SLU 7	-127.82	-240.04	14.9834	176.88	872.84	0	176.88	2.5	0.0010053	1.3838	Si
930 Prosp.A	Verticale	0.352	0.5	Non necessaria	0	SLU 1	54.88	91.01	5.0807	77.11	449.57	0	77.11	2.5	0.0004021	1.405	Si
929 Prosp.A	Verticale	0.352	0.5	Non necessaria	0	SLU 1	54.88	65.66	-21.3716	77.11	449.57	0	77.11	2.5	0.0004021	1.405	Si
772 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLU 7	-97.5	-48.72	-34.1255	155.59	864.63	0	155.59	2.5	0.0010053	1.5958	Si
776 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLU 7	-87.11	-26.84	-31.7223	152.83	861.78	0	152.83	2.5	0.0010053	1.7546	Si
951 Prosp.A	Verticale	0.352	0.5	Non necessaria	0	SLV 1	52.7	-116.93	-2.4349	92.55	465.54	0	92.55	2.5	0.0004021	1.7562	Si
617 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLU 3	76.78	-2.89	6.0142	149.81	858.65	0	149.81	2.5	0.000956	1.9511	Si
618 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLU 3	76.76	-3.74	5.1778	149.92	858.76	0	149.92	2.5	0.000956	1.9532	Si
616 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLU 3	75.87	-2.12	6.9449	149.72	858.55	0	149.72	2.5	0.000956	1.9735	Si
441 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLU 3	76.78	-18.65	-38.7059	151.8	860.71	0	151.8	2.5	0.0010053	1.977	Si
442 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLU 3	76.76	-18.69	-39.4979	151.81	860.71	0	151.81	2.5	0.0010053	1.9777	Si
619 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLU 3	75.68	-4.81	4.4841	150.06	858.9	0	150.06	2.5	0.000956	1.9828	Si
440 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLU 3	75.87	-18.71	-37.2369	151.81	860.72	0	151.81	2.5	0.0010053	2.001	Si
443 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLU 3	75.68	-18.8	-39.6656	151.82	860.73	0	151.82	2.5	0.0010053	2.0061	Si
620 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLU 3	73.86	-5.8	3.957	150.18	859.03	0	150.18	2.5	0.000956	2.0332	Si
615 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLU 3	73.48	-1.23	7.8435	149.61	858.44	0	149.61	2.5	0.000956	2.0361	Si
655 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLU 3	72.95	-3.4	6.656	149.88	858.72	0	149.88	2.5	0.000956	2.0547	Si
444 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLU 3	73.86	-19.25	-39.2582	151.88	860.79	0	151.88	2.5	0.0010053	2.0562	Si
771 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLV 9	-76.72	-67.79	-24.8758	157.99	867.11	0	157.99	2.5	0.0010053	2.0593	Si
654 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLU 3	72.82	-4.3	5.8469	149.99	858.84	0	149.99	2.5	0.000956	2.0597	Si
439 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLU 3	73.48	-18.77	-34.9339	151.82	860.72	0	151.82	2.5	0.0010053	2.0662	Si
656 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLU 3	72.19	-2.55	7.5506	149.77	858.61	0	149.77	2.5	0.000956	2.0747	Si
479 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLU 3	72.95	-18.45	-36.5091	151.78	860.68	0	151.78	2.5	0.0010053	2.0807	Si
478 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLU 3	72.82	-18.54	-37.1932	151.79	860.69	0	151.79	2.5	0.0010053	2.0844	Si
653 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLU 3	71.78	-5.35	5.1717	150.12	858.97	0	150.12	2.5	0.000956	2.0915	Si
636 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLV 9	-74.92	-58.67	2.0719	156.84	865.92	0	156.84	2.5	0.000956	2.0935	Si
480 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLU 3	72.19	-18.44	-35.1881	151.77	860.68	0	151.77	2.5	0.0010053	2.1025	Si
621 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLU 3	71.4	-6.71	3.6135	150.3	859.15	0	150.3	2.5	0.0008863	2.1051	Si
477 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLU 3	71.78	-18.67	-37.2961	151.8	860.71	0	151.8	2.5	0.0010053	2.1149	Si
768 Prosp.A	Verticale	0.352	1	Non necessaria	0	SLU 1	-72.88	111.31	0.9274	154.22	899.15	0	154.22	2.5	0.0008042	2.1161	Si
769 Prosp.A	Verticale	0.352	1	Non necessaria	0	SLU 1	-72.88	89.77	-33.7038	154.22	899.15	0	154.22	2.5	0.0010053	2.1161	Si
897 Prosp.A	Verticale	0.352	0.5	Non necessaria	0	SLU 7	-41.13	-77.6	-10.9258	87.35	460.17	0	87.35	2.5	0.0004021	2.1238	Si
445 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLU 3	71.4	-19.85	-38.3294	151.95	860.86	0	151.95	2.5	0.0009321	2.1283	Si
657 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLU 3	70.06	-1.53	8.4098	149.64	858.48	0	149.64	2.5	0.000956	2.1361	Si
652 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLU 3	70.13	-6.27	4.6624	150.24	859.09	0	150.24	2.5	0.000956	2.1422	Si
614 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLU 3	69.2	0.81	8.5688	149.45	858.28	0	149.45	2.5	0.000956	2.1598	Si
476 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLU 3	70.13	-19.03	-36.8753	151.85	860.76	0	151.85	2.5	0.0010053	2.1652	Si
481 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLU 3	70.06	-18.38	-33.0738	151.77	860.67	0	151.77	2.5	0.0010053	2.1664	Si
635 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLV 9	-72.26	-57.96	2.7503	156.75	865.83	0	156.75	2.5	0.000956	2.1692	Si
658 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLV 15	68.37	17.29	7.527	149.45	858.28	0	149.45	2.5	0.000956	2.1858	Si
438 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLU 3	69.2	-18.14	-31.6346	151.74	860.64	0	151.74	2.5	0.0010053	2.1928	Si
482 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLV 15	68.37	-4.77	-31.8221	150.05	858.9	0	150.05	2.5	0.0010053	2.1946	Si
622 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLU 3	68.16	-7.66	1.8156	150.42	859.28	0	150.42	2.5	0.000956	2.2068	Si

Vano di equalizzazione e sedimentazione meccanica

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
651 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLU 3	67.94	-7.07	4.3382	150.34	859.2	0	150.34	2.5	0.0008863	2.213	Si
777 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLV 9	-70.77	-60.83	-22.5516	157.12	866.21	0	157.12	2.5	0.0010053	2.2199	Si
446 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLU 3	68.16	-20.2	-36.9333	152	860.91	0	152	2.5	0.0010053	2.2299	Si
475 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLU 3	67.94	-19.47	-35.9936	151.9	860.82	0	151.9	2.5	0.0009321	2.236	Si
800 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLV 1	-74.51	-137.25	-0.4068	166.74	876.17	0	166.74	2.5	0.0010053	2.2379	Si
637 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLV 9	-69.73	-52.81	3.0544	156.11	865.16	0	156.11	2.5	0.000956	2.2387	Si
483 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLV 15	65.97	3.73	-29.809	149.45	858.28	0	149.45	2.5	0.0010053	2.2654	Si
659 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLV 15	65.97	27.63	7.8256	149.45	858.28	0	149.45	2.5	0.000956	2.2654	Si
801 Prosp.A	Verticale	0.352	1	Non necessaria	0	SLV 1	73.38	-94.09	-1.4301	166.64	912	0	166.64	2.5	0.0010053	2.271	Si
650 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLU 3	65.15	-7.83	4.1672	150.44	859.3	0	150.44	2.5	0.000956	2.3091	Si
780 Prosp.A	Verticale	0.352	1	Non necessaria	0	SLU 1	66.24	152.47	4.4732	154.22	899.15	0	154.22	2.5	0.0010053	2.3281	Si
779 Prosp.A	Verticale	0.352	1	Non necessaria	0	SLU 1	66.24	132.36	-29.3995	154.22	899.15	0	154.22	2.5	0.0008042	2.3281	Si
623 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLU 3	64.58	-8.38	0.1207	150.51	859.37	0	150.51	2.5	0.000956	2.3306	Si
474 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLU 3	65.15	-19.7	-34.7121	151.93	860.84	0	151.93	2.5	0.0010053	2.3321	Si
447 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLU 3	64.58	-20.33	-35.1784	152.01	860.93	0	152.01	2.5	0.0010053	2.3539	Si
613 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLU 3	62.31	5.32	8.919	149.45	858.28	0	149.45	2.5	0.000956	2.3984	Si
649 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLU 3	62.18	-8.35	4.1344	150.5	859.37	0	150.5	2.5	0.000956	2.4204	Si
770 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLV 9	-65.93	-83.12	-16.4757	159.92	869.11	0	159.92	2.5	0.0010053	2.4257	Si
437 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLU 3	62.31	-14.69	-27.1302	151.3	860.19	0	151.3	2.5	0.0010053	2.4282	Si
473 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLU 3	62.18	-19.67	-33.1384	151.93	860.84	0	151.93	2.5	0.0010053	2.4433	Si
747 Prosp.A	Verticale	0.352	1	Non necessaria	0	SLU 7	-67.88	-107.91	-11.0372	168.47	913.88	0	168.47	2.5	0.0010053	2.4819	Si
634 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLV 9	-62.8	-54.21	4.3544	156.28	865.34	0	156.28	2.5	0.000956	2.4885	Si
624 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLU 3	60.45	-9.06	1.7096	150.59	859.46	0	150.59	2.5	0.000956	2.4911	Si
660 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLV 15	59.6	47.59	7.5223	149.45	858.28	0	149.45	2.5	0.000956	2.5076	Si
484 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLV 15	59.6	19.51	-26.1061	149.45	858.28	0	149.45	2.5	0.0010053	2.5076	Si
448 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLU 3	60.45	-20.46	-33.1208	152.03	860.94	0	152.03	2.5	0.0010053	2.5148	Si
748 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLU 7	-58.53	20.84	13.4183	149.45	858.28	0	149.45	2.5	0.0010053	2.5536	Si
648 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLU 3	58.85	-8.73	4.2223	150.55	859.42	0	150.55	2.5	0.000956	2.5582	Si
920 Prosp.A	Verticale	0.352	0.5	Non necessaria	0	SLV 7	30.03	21.76	4.7834	77.11	449.57	0	77.11	2.5	0.0004021	2.5682	Si
472 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLU 3	58.85	-19.59	-31.3348	151.92	860.83	0	151.92	2.5	0.0010053	2.5815	Si
778 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLV 9	-60.21	-79.44	-13.605	159.46	868.63	0	159.46	2.5	0.0010053	2.6486	Si
638 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLV 9	-58.43	-47.49	4.4741	155.43	864.47	0	155.43	2.5	0.000956	2.66	Si
769 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLV 9	-58.75	-67.51	-10.1036	157.96	867.08	0	157.96	2.5	0.0010053	2.6886	Si
625 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLU 3	55.89	-9.75	3.5067	150.68	859.55	0	150.68	2.5	0.000956	2.6958	Si
449 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLU 3	55.89	-20.52	-30.8208	152.04	860.95	0	152.04	2.5	0.0010053	2.7201	Si
647 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLU 3	55.27	-9.04	4.3816	150.59	859.45	0	150.59	2.5	0.000956	2.7247	Si
471 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLU 3	55.27	-19.41	-29.3664	151.9	860.81	0	151.9	2.5	0.0010053	2.7484	Si
799 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLV 1	-54.8	-47.54	-7.3576	155.44	864.47	0	155.44	2.5	0.0010053	2.8367	Si
612 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLU 1	52.6	11.96	8.9465	149.45	858.28	0	149.45	2.5	0.000956	2.8413	Si
928 Prosp.A	Verticale	0.352	0.5	Non necessaria	0	SLV 7	-26.96	39.25	4.9234	77.11	449.57	0	77.11	2.5	0.0004021	2.8597	Si
436 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLU 1	52.6	-9.32	-21.6526	150.62	859.49	0	150.62	2.5	0.0010053	2.8636	Si
646 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLU 3	51.48	-8.94	4.5957	150.58	859.44	0	150.58	2.5	0.000956	2.9251	Si
470 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLU 3	51.48	-18.71	-27.3301	151.81	860.72	0	151.81	2.5	0.0010053	2.949	Si
626 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLU 3	50.96	-10.17	3.8127	150.73	859.6	0	150.73	2.5	0.000956	2.9579	Si
450 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLU 3	50.96	-20.13	-28.3747	151.99	860.9	0	151.99	2.5	0.0010053	2.9825	Si
950 Prosp.A	Verticale	0.352	0.5	Non necessaria	0	SLV 13	-25.3	69.63	-8.3127	77.11	449.57	0	77.11	2.5	0.0004021	3.0481	Si
779 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLV 9	-51.36	-64.81	-6.8365	157.62	866.72	0	157.62	2.5	0.0010053	3.0688	Si
768 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLV 9	-49.4	-22.38	-7.0828	152.27	861.19	0	152.27	2.5	0.0010053	3.0825	Si
460 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLV 9	-48.86	-39.23	25.3755	154.39	863.39	0	154.39	2.5	0.0010053	3.1599	Si

Verifiche a taglio SLD Resistenza D.M. 17-01-18 §4.1.2.3.5

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
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Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
802 Prosp.A	Orizzontale	0.334	0.5	Non necessaria	0	SLD 9	-75.51	-200.11	6.2997	102.82	452.05	0	102.82	2.5	0.0006032	1.3617	Si
746 Prosp.A	Orizzontale	0.334	0.5	Non necessaria	0	SLD 5	-74.42	-191.06	6.1811	101.69	450.88	0	101.69	2.5	0.0006032	1.3664	Si
774 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 9	-103.44	-53.6	-32.2178	156.2	865.26	0	156.2	2.5	0.0010053	1.5101	Si
747 Prosp.A	Orizzontale	0.335	0.985	Non necessaria	0	SLD 5	-108.06	-204.01	6.761	172.36	868.16	0	172.36	2.5	0.0010053	1.595	Si
801 Prosp.A	Orizzontale	0.335	0.985	Non necessaria	0	SLD 9	-107.17	-202.18	10.0158	172.13	867.92	0	172.13	2.5	0.0010053	1.6061	Si
773 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 9	-96.72	-55.13	-31.6086	156.4	865.46	0	156.4	2.5	0.0010053	1.617	Si
775 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 9	-91.16	-44.07	-30.9781	155	864.02	0	155	2.5	0.0010053	1.7004	Si
919 Prosp.A	Verticale	0.352	0.5	Non necessaria	0	SLD 11	-40.79	24.16	-16.1288	77.11	449.57	0	77.11	2.5	0.0004021	1.8906	Si
918 Prosp.A	Verticale	0.352	0.5	Non necessaria	0	SLD 11	-40.79	43.31	3.653	77.11	449.57	0	77.11	2.5	0.0004021	1.8906	Si
772 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 9	-78.46	-50.99	-28.4422	155.88	864.92	0	155.88	2.5	0.0010053	1.9866	Si
776 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 9	-71.51	-37.38	-26.9933	154.16	863.15	0	154.16	2.5	0.0010053	2.1558	Si
951 Prosp.A	Verticale	0.352	0.5	Non necessaria	0	SLD 1	40.73	-85.38	-5.062	88.38	461.23	0	88.38	2.5	0.0004021	2.1698	Si
929 Prosp.A	Verticale	0.352	0.5	Non necessaria	0	SLD 7	35.53	40.1	-13.6163	77.11	449.57	0	77.11	2.5	0.0004021	2.1702	Si
930 Prosp.A	Verticale	0.352	0.5	Non necessaria	0	SLD 7	35.53	56.49	3.4845	77.11	449.57	0	77.11	2.5	0.0004021	2.1702	Si
636 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 9	-63.1	-41.45	-1.2658	154.67	863.68	0	154.67	2.5	0.000956	2.4514	Si
771 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 9	-62.23	-54.64	-22.693	156.34	865.4	0	156.34	2.5	0.0010053	2.5121	Si
635 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 9	-60.74	-42.2	-1.5808	154.77	863.78	0	154.77	2.5	0.000956	2.5479	Si
637 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 9	-58.27	-37.01	-1.5763	154.11	863.1	0	154.11	2.5	0.000956	2.6448	Si
897 Prosp.A	Verticale	0.352	0.5	Non necessaria	0	SLD 5	-31.95	-59.18	-9.1176	84.92	457.66	0	84.92	2.5	0.0004021	2.6582	Si
657 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 15	55.91	5.47	6.9194	149.45	858.28	0	149.45	2.5	0.000956	2.6729	Si
656 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 15	55.87	4.03	6.2197	149.45	858.28	0	149.45	2.5	0.000956	2.6748	Si
481 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 15	55.91	-9.15	-26.2617	150.6	859.47	0	150.6	2.5	0.0010053	2.6935	Si
480 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 15	55.87	-8.43	-26.9808	150.51	859.38	0	150.51	2.5	0.0010053	2.6938	Si
801 Prosp.A	Verticale	0.352	1	Non necessaria	0	SLD 1	60.93	-84.74	-4.6881	165.41	910.72	0	165.41	2.5	0.0010053	2.7149	Si
655 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 15	54.89	2.81	5.4021	149.45	858.28	0	149.45	2.5	0.000956	2.7227	Si
800 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 1	-57.35	-60.76	3.1889	157.11	866.2	0	157.11	2.5	0.0010053	2.7394	Si
658 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 15	54.53	8.38	7.4596	149.45	858.28	0	149.45	2.5	0.000956	2.7405	Si
479 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 15	54.89	-8.56	-27.1364	150.53	859.39	0	150.53	2.5	0.0010053	2.7423	Si
617 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 7	54.3	-0.05	3.7056	149.46	858.28	0	149.46	2.5	0.000956	2.7523	Si
618 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 7	54.31	-0.59	3.0819	149.52	858.35	0	149.52	2.5	0.000956	2.7529	Si
777 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 9	-56.33	-45.54	-20.3206	155.19	864.21	0	155.19	2.5	0.0010053	2.7551	Si
482 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 15	54.53	-9.08	-24.8013	150.59	859.46	0	150.59	2.5	0.0010053	2.7615	Si
442 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 7	54.31	-10.73	-28.2963	150.8	859.68	0	150.8	2.5	0.0010053	2.7764	Si
441 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 7	54.3	-10.77	-27.7535	150.81	859.68	0	150.81	2.5	0.0010053	2.7771	Si
616 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 7	53.62	0.38	4.3819	149.45	858.28	0	149.45	2.5	0.000956	2.7871	Si
619 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 7	53.58	-1.31	2.5811	149.62	858.45	0	149.62	2.5	0.000956	2.7923	Si
654 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 15	53.32	1.51	4.5811	149.45	858.28	0	149.45	2.5	0.000956	2.8031	Si
440 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 7	53.62	-10.95	-26.7318	150.83	859.7	0	150.83	2.5	0.0010053	2.8128	Si
443 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 7	53.58	-10.78	-28.3926	150.81	859.68	0	150.81	2.5	0.0010053	2.8145	Si
478 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 15	53.32	-8.91	-26.8591	150.57	859.44	0	150.57	2.5	0.0010053	2.8242	Si
620 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 7	52.33	-2	1.131	149.7	858.54	0	149.7	2.5	0.000956	2.8608	Si
615 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 7	51.91	0.86	4.9877	149.45	858.28	0	149.45	2.5	0.000956	2.8791	Si
653 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 11	51.89	-0.77	3.1149	149.55	858.38	0	149.55	2.5	0.000956	2.8818	Si
444 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 7	52.33	-11.23	-28.0854	150.87	859.74	0	150.87	2.5	0.0010053	2.883	Si
477 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 11	51.89	-9.83	-27.4222	150.69	859.56	0	150.69	2.5	0.0010053	2.9038	Si
439 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 7	51.91	-11.42	-25.1244	150.89	859.77	0	150.89	2.5	0.0010053	2.9068	Si
659 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 15	50.95	14.88	7.6878	149.45	858.28	0	149.45	2.5	0.000956	2.9334	Si
483 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 15	50.95	-3.81	-22.3333	149.93	858.77	0	149.93	2.5	0.0010053	2.9428	Si
621 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 7	50.62	-2.67	-1.1603	149.79	858.63	0	149.79	2.5	0.0008863	2.9593	Si
652 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 11	50.41	-1.58	2.7337	149.65	858.48	0	149.65	2.5	0.000956	2.9687	Si
634 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 9	-52.07	-40.79	-0.9455	154.59	863.59	0	154.59	2.5	0.000956	2.969	Si

Vano di equalizzazione e sedimentazione meccanica

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
445 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 7	50.62	-11.86	-27.4617	150.95	859.82	0	150.95	2.5	0.0009321	2.9822	Si
747 Prosp.A	Verticale	0.352	1	Non necessaria	0	SLD 5	-55.2	-81.61	-10.0183	164.99	910.29	0	164.99	2.5	0.0010053	2.9888	Si
476 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 11	50.41	-10.36	-26.9361	150.76	859.63	0	150.76	2.5	0.0010053	2.9906	Si
614 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 7	48.87	2.06	5.439	149.45	858.28	0	149.45	2.5	0.000956	3.0582	Si
651 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 11	48.58	-2.33	2.484	149.74	858.58	0	149.74	2.5	0.0008863	3.0824	Si
748 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 5	-48.48	8.32	2.2364	149.45	858.28	0	149.45	2.5	0.0010053	3.0827	Si
438 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 7	48.87	-11.46	-22.826	150.89	859.77	0	150.89	2.5	0.0010053	3.0877	Si
622 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 7	48.36	-3.39	-2.3907	149.88	858.72	0	149.88	2.5	0.000956	3.099	Si
475 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 11	48.58	-11	-26.2085	150.84	859.71	0	150.84	2.5	0.0009321	3.1049	Si
446 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 7	48.36	-12.17	-26.5674	150.98	859.86	0	150.98	2.5	0.0010053	3.1218	Si
769 Prosp.A	Verticale	0.352	1	Non necessaria	0	SLD 11	-48.02	61.81	-21.9353	154.22	899.15	0	154.22	2.5	0.0010053	3.2118	Si
768 Prosp.A	Verticale	0.352	1	Non necessaria	0	SLD 11	-48.02	76.65	0.6641	154.22	899.15	0	154.22	2.5	0.0008042	3.2118	Si
638 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 9	-47.82	-33.62	0.2109	153.69	862.66	0	153.69	2.5	0.000956	3.2141	Si
650 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 11	46.39	-3.05	2.3455	149.84	858.68	0	149.84	2.5	0.000956	3.2301	Si
474 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 11	46.39	-11.34	-25.2714	150.88	859.75	0	150.88	2.5	0.0010053	3.2526	Si
623 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 7	45.82	-4.06	-2.4581	149.96	858.81	0	149.96	2.5	0.000956	3.2727	Si
447 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 7	45.82	-12.25	-25.4151	150.99	859.87	0	150.99	2.5	0.0010053	3.2952	Si
770 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 9	-47.12	-65.46	-17.1139	157.7	866.81	0	157.7	2.5	0.0010053	3.3467	Si
660 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 15	44.42	26.68	7.5139	149.45	858.28	0	149.45	2.5	0.000956	3.3647	Si
484 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 15	44.42	5.52	-18.6972	149.45	858.28	0	149.45	2.5	0.0010053	3.3647	Si
613 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 7	44.03	4.84	5.7269	149.45	858.28	0	149.45	2.5	0.000956	3.3943	Si
649 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 11	44.05	-3.69	2.3081	149.92	858.76	0	149.92	2.5	0.000956	3.4034	Si
437 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 7	44.03	-9.13	-19.6888	150.6	859.47	0	150.6	2.5	0.0010053	3.4205	Si
473 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 11	44.05	-11.42	-24.1238	150.89	859.77	0	150.89	2.5	0.0010053	3.4256	Si
624 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 7	42.96	-4.7	-2.4712	150.04	858.89	0	150.04	2.5	0.000956	3.4929	Si
448 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 7	42.96	-12.38	-23.9833	151.01	859.89	0	151.01	2.5	0.0010053	3.5154	Si
779 Prosp.A	Verticale	0.352	1	Non necessaria	0	SLD 7	43.25	83.57	-18.8271	154.22	899.15	0	154.22	2.5	0.0008042	3.5655	Si
780 Prosp.A	Verticale	0.352	1	Non necessaria	0	SLD 7	43.25	96.7	3.22	154.22	899.15	0	154.22	2.5	0.0010053	3.5655	Si
648 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 7	41.88	-4.41	2.6474	150.01	858.85	0	150.01	2.5	0.000956	3.5816	Si
472 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 7	41.88	-11.62	-23.0069	150.92	859.79	0	150.92	2.5	0.0010053	3.6033	Si
633 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 9	-41.08	-40.76	1.6809	154.59	863.59	0	154.59	2.5	0.000956	3.7634	Si
625 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 7	39.86	-5.26	-2.4577	150.11	858.96	0	150.11	2.5	0.000956	3.7663	Si
449 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 7	39.86	-12.52	-22.3671	151.03	859.91	0	151.03	2.5	0.0010053	3.7893	Si
778 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 9	-41.3	-57.61	-14.3189	156.71	865.79	0	156.71	2.5	0.0010053	3.7943	Si
647 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 7	39.49	-4.71	2.7609	150.04	858.89	0	150.04	2.5	0.000956	3.7999	Si
471 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 7	39.49	-11.61	-21.7216	150.91	859.79	0	150.91	2.5	0.0010053	3.8219	Si
769 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 9	-40.34	-47.95	-12.3645	155.49	864.53	0	155.49	2.5	0.0010053	3.8541	Si
612 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 7	37.27	8.99	5.8386	149.45	858.28	0	149.45	2.5	0.000956	4.0098	Si
436 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 7	37.27	-5.63	-15.864	150.16	859.01	0	150.16	2.5	0.0010053	4.0289	Si
646 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 7	36.95	-4.79	2.9107	150.05	858.9	0	150.05	2.5	0.000956	4.0608	Si
470 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 7	36.95	-11.27	-20.3031	150.87	859.75	0	150.87	2.5	0.0010053	4.0829	Si
626 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 7	36.47	-5.63	-2.4678	150.16	859.01	0	150.16	2.5	0.000956	4.1176	Si
450 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 7	36.47	-12.35	-20.6457	151.01	859.89	0	151.01	2.5	0.0010053	4.1408	Si
460 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 9	-36.72	-29.78	17.5417	153.2	862.16	0	153.2	2.5	0.0010053	4.1726	Si
950 Prosp.A	Verticale	0.352	0.5	Non necessaria	0	SLD 13	-18.48	33.95	-6.638	77.11	449.57	0	77.11	2.5	0.0004021	4.173	Si
639 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 9	-35.95	-34.08	2.8653	153.74	862.72	0	153.74	2.5	0.000956	4.2761	Si
799 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 1	-34.64	2.97	0.5581	149.45	858.28	0	149.45	2.5	0.0010053	4.3144	Si
768 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 9	-34.95	-12.53	-8.2514	151.03	859.91	0	151.03	2.5	0.0010053	4.3211	Si
661 Prosp.A	Orizzontale	0.336	1	Non necessaria	0	SLD 15	34.42	30.21	7.5215	149.45	858.28	0	149.45	2.5	0.000956	4.3419	Si

Verifiche SLE tensione calcestruzzo D.M. 17-01-18 §4.1.2.2.5.1

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	oc	oc limite	Es/Ec	c.s.	Verifica
746 Prosp.A	Orizzontale	SLE QP 4	6.0993	-165.79	No	-1158	13073	15	11.2913	Si

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	oc	oc limite	Es/Ec	c.s.	Verifica
802 Prosp.A	Orizzontale	SLE QP 4	5.9786	-166.9	No	-1155	13073	15	11.3209	Si
774 Prosp.A	Orizzontale	SLE QP 4	-27.7975	-26.5	No	-1005	13073	15	13.0034	Si
773 Prosp.A	Orizzontale	SLE QP 4	-27.2934	-32.21	No	-1001	13073	15	13.0535	Si
443 Prosp.A	Orizzontale	SLE QP 2	-28.0096	-13.62	No	-983	13073	15	13.3044	Si
442 Prosp.A	Orizzontale	SLE QP 2	-27.9054	-13.6	No	-979	13073	15	13.3532	Si
919 Prosp.A	Verticale	SLE QP 2	-15.6546	18.04	No	-978	13073	15	13.3676	Si
444 Prosp.A	Orizzontale	SLE QP 2	-27.6859	-13.92	No	-972	13073	15	13.4452	Si
441 Prosp.A	Orizzontale	SLE QP 2	-27.3367	-13.68	No	-960	13073	15	13.6191	Si
445 Prosp.A	Orizzontale	SLE QP 2	-26.975	-14.37	No	-956	13073	15	13.6783	Si
775 Prosp.A	Orizzontale	SLE QP 4	-26.5976	-20.91	No	-952	13073	15	13.7376	Si
477 Prosp.A	Orizzontale	SLE QP 2	-26.4315	-13.53	No	-929	13073	15	14.0748	Si
478 Prosp.A	Orizzontale	SLE QP 2	-26.3702	-13.5	No	-927	13073	15	14.1075	Si
440 Prosp.A	Orizzontale	SLE QP 2	-26.2651	-13.88	No	-924	13073	15	14.1487	Si
476 Prosp.A	Orizzontale	SLE QP 2	-26.0991	-13.77	No	-918	13073	15	14.2393	Si
772 Prosp.A	Orizzontale	SLE QP 4	-24.4862	-35.68	No	-914	13073	15	14.2988	Si
446 Prosp.A	Orizzontale	SLE QP 2	-25.9199	-14.69	No	-914	13073	15	14.3007	Si
479 Prosp.A	Orizzontale	SLE QP 2	-25.8732	-13.56	No	-910	13073	15	14.367	Si
475 Prosp.A	Orizzontale	SLE QP 2	-25.4197	-14.11	No	-902	13073	15	14.4938	Si
746 Prosp.A	Orizzontale	SLE RA 7	6.2161	-167.03	No	-1171	17430	15	14.8822	Si
480 Prosp.A	Orizzontale	SLE QP 2	-24.9002	-13.71	No	-877	13073	15	14.9024	Si
802 Prosp.A	Orizzontale	SLE RA 7	6.0962	-168.15	No	-1168	17430	15	14.9202	Si
447 Prosp.A	Orizzontale	SLE QP 2	-24.5987	-14.89	No	-870	13073	15	15.0308	Si
439 Prosp.A	Orizzontale	SLE QP 2	-24.5809	-14.1	No	-867	13073	15	15.0728	Si
474 Prosp.A	Orizzontale	SLE QP 2	-24.4408	-14.35	No	-863	13073	15	15.1461	Si
776 Prosp.A	Orizzontale	SLE QP 4	-22.8842	-21.1	No	-826	13073	15	15.8273	Si
481 Prosp.A	Orizzontale	SLE QP 2	-23.3418	-13.85	No	-825	13073	15	15.8524	Si
473 Prosp.A	Orizzontale	SLE QP 2	-23.2402	-14.44	No	-823	13073	15	15.8927	Si
448 Prosp.A	Orizzontale	SLE QP 2	-23.0521	-15.1	No	-818	13073	15	15.9869	Si
897 Prosp.A	Verticale	SLE QP 4	-7.7007	-56.83	No	-791	13073	15	16.5291	Si
951 Prosp.A	Verticale	SLE QP 4	-7.6681	-56.17	No	-786	13073	15	16.6409	Si
438 Prosp.A	Orizzontale	SLE QP 2	-22.1666	-13.88	No	-785	13073	15	16.6571	Si
472 Prosp.A	Orizzontale	SLE QP 2	-21.8626	-14.51	No	-776	13073	15	16.8471	Si
771 Prosp.A	Orizzontale	SLE QP 4	-19.7621	-43.58	No	-772	13073	15	16.9284	Si
747 Prosp.A	Orizzontale	SLE QP 4	10.3414	-175.56	No	-768	13073	15	17.0275	Si
801 Prosp.A	Orizzontale	SLE QP 4	10.1031	-177.21	No	-763	13073	15	17.1245	Si
774 Prosp.A	Orizzontale	SLE RA 7	-28.1143	-27.2	No	-1018	17430	15	17.1271	Si
773 Prosp.A	Orizzontale	SLE RA 7	-27.6065	-32.91	No	-1014	17430	15	17.194	Si
449 Prosp.A	Orizzontale	SLE QP 2	-21.3225	-15.28	No	-759	13073	15	17.2139	Si
482 Prosp.A	Orizzontale	SLE QP 2	-21.0761	-13.51	No	-747	13073	15	17.5016	Si
443 Prosp.A	Orizzontale	SLE RA 3	-28.0655	-13.65	No	-985	17430	15	17.704	Si
442 Prosp.A	Orizzontale	SLE RA 3	-27.9531	-13.62	No	-981	17430	15	17.774	Si
919 Prosp.A	Verticale	SLE RA 4	-15.638	17.78	No	-978	17430	15	17.822	Si
929 Prosp.A	Verticale	SLE QP 2	-13.4452	38.56	No	-731	13073	15	17.8791	Si
444 Prosp.A	Orizzontale	SLE RA 3	-27.7485	-13.95	No	-974	17430	15	17.8866	Si
471 Prosp.A	Orizzontale	SLE QP 2	-20.3539	-14.53	No	-725	13073	15	18.0365	Si
775 Prosp.A	Orizzontale	SLE RA 7	-26.9101	-21.62	No	-964	17430	15	18.0841	Si
441 Prosp.A	Orizzontale	SLE RA 3	-27.3746	-13.7	No	-961	17430	15	18.1337	Si
445 Prosp.A	Orizzontale	SLE RA 3	-27.0425	-14.4	No	-958	17430	15	18.1922	Si
477 Prosp.A	Orizzontale	SLE RA 3	-26.4859	-13.55	No	-931	17430	15	18.7282	Si
664 Prosp.A	Orizzontale	SLE QP 4	4.3554	-89.03	No	-697	13073	15	18.7437	Si
450 Prosp.A	Orizzontale	SLE QP 2	-19.4778	-15.12	No	-696	13073	15	18.7713	Si
478 Prosp.A	Orizzontale	SLE RA 3	-26.4162	-13.52	No	-928	17430	15	18.7774	Si
772 Prosp.A	Orizzontale	SLE RA 7	-24.7655	-36.5	No	-926	17430	15	18.8308	Si
440 Prosp.A	Orizzontale	SLE RA 3	-26.2919	-13.89	No	-925	17430	15	18.8456	Si
608 Prosp.A	Orizzontale	SLE QP 4	4.2752	-88.73	No	-691	13073	15	18.9281	Si
476 Prosp.A	Orizzontale	SLE RA 3	-26.1604	-13.8	No	-920	17430	15	18.9416	Si
446 Prosp.A	Orizzontale	SLE RA 3	-25.9904	-14.74	No	-917	17430	15	19.0157	Si
770 Prosp.A	Orizzontale	SLE QP 2	-16.9717	-47.37	No	-686	13073	15	19.0479	Si
479 Prosp.A	Orizzontale	SLE RA 3	-25.9094	-13.58	No	-911	17430	15	19.1293	Si
475 Prosp.A	Orizzontale	SLE RA 3	-25.486	-14.14	No	-904	17430	15	19.2749	Si
470 Prosp.A	Orizzontale	SLE QP 2	-18.7824	-14.17	No	-671	13073	15	19.4944	Si
437 Prosp.A	Orizzontale	SLE QP 1	-18.8832	-11.67	No	-668	13073	15	19.5637	Si
777 Prosp.A	Orizzontale	SLE QP 4	-17.2498	-31.86	No	-660	13073	15	19.8167	Si
480 Prosp.A	Orizzontale	SLE RA 3	-24.9253	-13.72	No	-878	17430	15	19.8497	Si
447 Prosp.A	Orizzontale	SLE RA 3	-24.6704	-14.94	No	-872	17430	15	19.9822	Si
439 Prosp.A	Orizzontale	SLE RA 3	-24.5954	-14.12	No	-868	17430	15	20.0848	Si
474 Prosp.A	Orizzontale	SLE RA 3	-24.5102	-14.39	No	-866	17430	15	20.1375	Si
483 Prosp.A	Orizzontale	SLE QP 1	-17.9686	-11.19	No	-636	13073	15	20.5535	Si
451 Prosp.A	Orizzontale	SLE QP 2	-17.5383	-14.21	No	-628	13073	15	20.8013	Si
776 Prosp.A	Orizzontale	SLE RA 7	-23.163	-21.91	No	-837	17430	15	20.817	Si
481 Prosp.A	Orizzontale	SLE RA 3	-23.3547	-13.87	No	-825	17430	15	21.1244	Si
473 Prosp.A	Orizzontale	SLE RA 3	-23.3109	-14.49	No	-825	17430	15	21.1254	Si
448 Prosp.A	Orizzontale	SLE RA 3	-23.1231	-15.17	No	-820	17430	15	21.2491	Si
469 Prosp.A	Orizzontale	SLE QP 2	-17.1671	-12.92	No	-613	13073	15	21.3308	Si
663 Prosp.A	Orizzontale	SLE QP 4	9.6392	-118.15	No	-612	13073	15	21.3703	Si
897 Prosp.A	Verticale	SLE RA 7	-7.9125	-57.64	No	-809	17430	15	21.5431	Si
609 Prosp.A	Orizzontale	SLE QP 4	9.46	-117.67	No	-604	13073	15	21.63	Si
951 Prosp.A	Verticale	SLE RA 7	-7.8811	-56.99	No	-804	17430	15	21.6827	Si
438 Prosp.A	Orizzontale	SLE RA 4	-22.1687	-13.89	No	-785	17430	15	22.207	Si
769 Prosp.A	Verticale	SLE QP 1	-21.3003	55.99	No	-586	13073	15	22.3264	Si
771 Prosp.A	Orizzontale	SLE RA 7	-19.8812	-44.75	No	-779	17430	15	22.3754	Si
472 Prosp.A	Orizzontale	SLE RA 3	-21.9328	-14.58	No	-778	17430	15	22.3895	Si
747 Prosp.A	Orizzontale	SLE RA 7	10.4546	-176.95	No	-775	17430	15	22.4936	Si
801 Prosp.A	Orizzontale	SLE RA 7	10.2178	-178.59	No	-771	17430	15	22.6193	Si
449 Prosp.A	Orizzontale	SLE RA 3	-21.391	-15.36	No	-762	17430	15	22.8763	Si
769 Prosp.A	Orizzontale	SLE QP 1	-14.941	-25.42	No	-566	13073	15	23.0828	Si
754 Prosp.A	Orizzontale	SLE QP 2	18.163	22.1	No	-565	13073	15	23.1273	Si
482 Prosp.A	Orizzontale	SLE RA 4	-21.0764	-13.52	No	-747	17430	15	23.3348	Si
753 Prosp.A	Orizzontale	SLE QP 2	18.1228	24.29	No	-559	13073	15	23.3945	Si
778 Prosp.A	Orizzontale	SLE QP 2	-14.0276	-34.82	No	-557	13073	15	23.462	Si
755 Prosp.A	Orizzontale	SLE QP 2	17.7929	20.19	No	-557	13073	15	23.4649	Si
929 Prosp.A	Verticale	SLE RA 4	-13.4292	38.3	No	-731	17430	15	23.8359	Si
471 Prosp.A	Orizzontale	SLE RA 3	-20.4217	-14.61	No	-727	17430	15	23.9665	Si
452 Prosp.A	Orizzontale	SLE QP 2	-15.2395	-10.98	No	-545	13073	15	23.9767	Si
794 Prosp.A	Orizzontale	SLE QP 2	17.3842	20.81	No	-542	13073	15	24.1282	Si
468 Prosp.A	Orizzontale	SLE QP 2	-15.2592	-9.01	No	-541	13073	15	24.1499	Si
756 Prosp.A	Orizzontale	SLE QP 2	17.1443	18.37	No	-539	13073	15	24.2383	Si
795 Prosp.A	Orizzontale	SLE QP 2	17.3944	23.11	No	-537	13073	15	24.3523	Si
664 Prosp.A	Orizzontale	SLE RA 7	4.5351	-89.56	No	-712	17430	15	24.4827	Si

Verifiche SLE tensione acciaio D.M. 17-01-18 §4.1.2.2.5.2

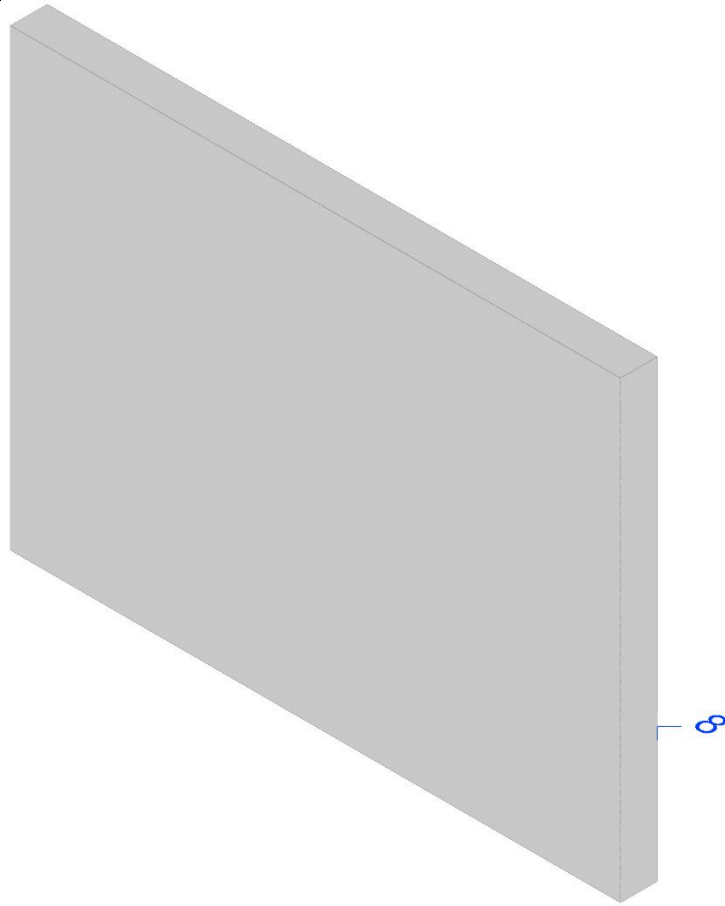
Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	of	of limite	Es/Ec	c.s.	Verifica
919 Prosp.A	Verticale	SLE RA 1	-15.7213	19.07	No	13518	360000	15	26.6303	Si
929 Prosp.A	Verticale	SLE RA 1	-13.5096	39.56	No	13256	360000	15	27.1579	Si
779 Prosp.A	Verticale	SLE RA 1	-18.4313	84.38	No	10099	360000	15	35.6477	Si
769 Prosp.A	Verticale	SLE RA 1	-21.3003	55.99	No	10034	360000	15	35.8774	Si
443 Prosp.A	Orizzontale	SLE RA 3	-28.0655	-13.65	No	9243	360000	15	38.9496	Si
442 Prosp.A	Orizzontale	SLE RA 3	-27.9531	-13.62	No	9205	360000	15	39.1103	Si
444 Prosp.A	Orizzontale	SLE RA 3	-27.7485	-13.95	No	9122	360000	15	39.4635	Si
441 Prosp.A	Orizzontale	SLE RA 3	-27.3746	-13.7	No	9002	360000	15	39.993	Si
445 Prosp.A	Orizzontale	SLE RA 3	-27.0425	-14.4	No	8925	360000	15	40.3382	Si
774 Prosp.A	Orizzontale	SLE RA 10	-28.0168	-25.54	No	8811	360000	15	40.857	Si
477 Prosp.A	Orizzontale	SLE RA 3	-26.4859	-13.55	No	8699	360000	15	41.3846	Si
478 Prosp.A	Orizzontale	SLE RA 3	-26.4162	-13.52	No	8676	360000	15	41.494	Si
440 Prosp.A	Orizzontale	SLE RA 3	-26.2919	-13.89	No	8620	360000	15	41.7638	Si
775 Prosp.A	Orizzontale	SLE RA 10	-26.8222	-20.15	No	8585	360000	15	41.9314	Si
476 Prosp.A	Orizzontale	SLE RA 3	-26.1604	-13.8	No	8578	360000	15	41.9689	Si
479 Prosp.A	Orizzontale	SLE RA 3	-25.9094	-13.58	No	8498	360000	15	42.3606	Si
446 Prosp.A	Orizzontale	SLE RA 3	-25.9904	-14.74	No	8486	360000	15	42.4221	Si
773 Prosp.A	Orizzontale	SLE RA 10	-27.5163	-31.44	No	8432	360000	15	42.6936	Si
475 Prosp.A	Orizzontale	SLE RA 3	-25.486	-14.14	No	8391	360000	15	42.9036	Si
480 Prosp.A	Orizzontale	SLE RA 3	-24.9253	-13.72	No	8153	360000	15	44.1576	Si
945 Prosp.A	Verticale	SLE RA 3	2.503	87.84	No	8151	360000	15	44.1685	Si
946 Prosp.A	Verticale	SLE RA 7	3.0643	80.99	No	8101	360000	15	44.4403	Si
944 Prosp.A	Verticale	SLE RA 3	2.0857	91.29	No	8072	360000	15	44.6013	Si
439 Prosp.A	Orizzontale	SLE RA 3	-24.5954	-14.12	No	8025	360000	15	44.8624	Si
447 Prosp.A	Orizzontale	SLE RA 3	-24.6704	-14.94	No	8022	360000	15	44.8771	Si
474 Prosp.A	Orizzontale	SLE RA 3	-24.5102	-14.39	No	7986	360000	15	45.0805	Si
943 Prosp.A	Verticale	SLE RA 3	1.7455	92.82	No	7910	360000	15	45.5111	Si
903 Prosp.A	Verticale	SLE RA 3	2.4293	85.09	No	7899	360000	15	45.5735	Si
902 Prosp.A	Verticale	SLE RA 7	3.0023	78.81	No	7899	360000	15	45.5776	Si
947 Prosp.A	Verticale	SLE RA 7	3.6573	71.23	No	7869	360000	15	45.7464	Si
752 Prosp.A	Orizzontale	SLE RA 3	18.3185	42.26	No	7817	360000	15	46.0532	Si
753 Prosp.A	Orizzontale	SLE RA 3	18.5618	38.49	No	7770	360000	15	46.3332	Si
904 Prosp.A	Verticale	SLE RA 3	1.9983	87.92	No	7766	360000	15	46.3565	Si
901 Prosp.A	Verticale	SLE RA 7	3.604	69.55	No	7709	360000	15	46.6975	Si
942 Prosp.A	Verticale	SLE RA 3	1.4563	92.95	No	7702	360000	15	46.7426	Si
751 Prosp.A	Orizzontale	SLE RA 3	17.3069	47.09	No	7635	360000	15	47.1505	Si
481 Prosp.A	Orizzontale	SLE RA 3	-23.3547	-13.87	No	7604	360000	15	47.3452	Si
905 Prosp.A	Verticale	SLE RA 3	1.6409	88.78	No	7586	360000	15	47.4566	Si
754 Prosp.A	Orizzontale	SLE RA 3	18.2959	35.45	No	7572	360000	15	47.5455	Si
473 Prosp.A	Orizzontale	SLE RA 3	-23.3109	-14.49	No	7567	360000	15	47.576	Si
796 Prosp.A	Orizzontale	SLE RA 3	17.6528	40.62	No	7529	360000	15	47.8133	Si
448 Prosp.A	Orizzontale	SLE RA 3	-23.1231	-15.17	No	7478	360000	15	48.1398	Si
795 Prosp.A	Orizzontale	SLE RA 3	17.8388	36.71	No	7457	360000	15	48.2751	Si
941 Prosp.A	Verticale	SLE RA 3	1.211	92.05	No	7449	360000	15	48.3311	Si
797 Prosp.A	Orizzontale	SLE RA 3	16.7187	45.61	No	7380	360000	15	48.7821	Si
772 Prosp.A	Orizzontale	SLE RA 10	-24.7096	-35.26	No	7327	360000	15	49.1337	Si
940 Prosp.A	Verticale	SLE RA 3	1.1338	90.81	No	7301	360000	15	49.3075	Si
939 Prosp.A	Verticale	SLE RA 3	1.2011	89.88	No	7287	360000	15	49.4008	Si
776 Prosp.A	Orizzontale	SLE RA 10	-23.1087	-20.68	No	7281	360000	15	49.4444	Si
906 Prosp.A	Verticale	SLE RA 3	1.3325	88.19	No	7269	360000	15	49.5222	Si
755 Prosp.A	Orizzontale	SLE RA 3	17.6911	32.73	No	7267	360000	15	49.5367	Si
794 Prosp.A	Orizzontale	SLE RA 3	17.5389	33.54	No	7243	360000	15	49.7023	Si
938 Prosp.A	Verticale	SLE RA 3	1.2602	88.29	No	7220	360000	15	49.8591	Si
438 Prosp.A	Orizzontale	SLE RA 4	-22.1687	-13.89	No	7192	360000	15	50.0528	Si
948 Prosp.A	Verticale	SLE RA 7	4.0825	56.77	No	7176	360000	15	50.1675	Si
937 Prosp.A	Verticale	SLE RA 3	1.3114	86	No	7098	360000	15	50.7155	Si
750 Prosp.A	Orizzontale	SLE RA 3	15.1821	52.56	No	7090	360000	15	50.7759	Si
472 Prosp.A	Orizzontale	SLE RA 3	-21.9328	-14.58	No	7087	360000	15	50.8003	Si
900 Prosp.A	Verticale	SLE RA 7	4.0354	55.51	No	7050	360000	15	51.0637	Si
907 Prosp.A	Verticale	SLE RA 3	1.1335	86.48	No	6995	360000	15	51.4669	Si
908 Prosp.A	Verticale	SLE RA 3	1.1746	85.57	No	6962	360000	15	51.7119	Si
793 Prosp.A	Orizzontale	SLE RA 3	16.9274	30.72	No	6933	360000	15	51.9272	Si
756 Prosp.A	Orizzontale	SLE RA 3	16.8661	30.26	No	6896	360000	15	52.2072	Si
909 Prosp.A	Verticale	SLE RA 3	1.2278	83.82	No	6879	360000	15	52.3305	Si
798 Prosp.A	Orizzontale	SLE RA 3	14.6877	51.25	No	6873	360000	15	52.3785	Si
449 Prosp.A	Orizzontale	SLE RA 3	-21.391	-15.36	No	6872	360000	15	52.39	Si
482 Prosp.A	Orizzontale	SLE RA 1	-21.0746	-13.5	No	6827	360000	15	52.7305	Si
910 Prosp.A	Verticale	SLE RA 3	1.268	81.32	No	6734	360000	15	53.4635	Si
792 Prosp.A	Orizzontale	SLE RA 3	16.1272	28.17	No	6567	360000	15	54.822	Si
471 Prosp.A	Orizzontale	SLE RA 3	-20.4217	-14.61	No	6562	360000	15	54.8597	Si
757 Prosp.A	Orizzontale	SLE RA 3	15.8998	28.15	No	6488	360000	15	55.4909	Si
936 Prosp.A	Verticale	SLE RA 3	0.9361	78.51	No	6278	360000	15	57.3439	Si
450 Prosp.A	Orizzontale	SLE RA 3	-19.5423	-15.21	No	6237	360000	15	57.7213	Si
791 Prosp.A	Orizzontale	SLE RA 3	15.222	25.99	No	6177	360000	15	58.2782	Si
437 Prosp.A	Orizzontale	SLE RA 1	-18.8832	-11.67	No	6132	360000	15	58.7093	Si
911 Prosp.A	Verticale	SLE RA 3	0.974	75.52	No	6096	360000	15	59.0578	Si
758 Prosp.A	Orizzontale	SLE RA 3	14.8394	26.43	No	6060	360000	15	59.4028	Si
930 Prosp.A	Verticale	SLE RA 1	3.4884	47.17	No	6037	360000	15	59.6352	Si
470 Prosp.A	Orizzontale	SLE RA 3	-18.8464	-14.25	No	6029	360000	15	59.7087	Si
935 Prosp.A	Verticale	SLE RA 3	0.9734	73.56	No	5957	360000	15	60.4359	Si
749 Prosp.A	Orizzontale	SLE RA 1	11.7637	51.89	No	5883	360000	15	61.1928	Si
931 Prosp.A	Verticale	SLE RA 3	2.4895	55.61	No	5861	360000	15	61.4242	Si
483 Prosp.A	Orizzontale	SLE RA 1	-17.9686	-11.19	No	5832	360000	15	61.7272	Si
790 Prosp.A	Orizzontale	SLE RA 3	14.2654	24.22	No	5784	360000	15	62.2366	Si
799 Prosp.A	Orizzontale	SLE RA 1	11.3699	50.79	No	5708	360000	15	63.0674	Si
912 Prosp.A	Verticale	SLE RA 3	0.986	69.31	No	5666	360000	15	63.5415	Si
759 Prosp.A	Orizzontale	SLE RA 3	13.7044	25.13	No	5659	360000	15	63.6129	Si
451 Prosp.A	Orizzontale	SLE RA 3	-17.5985	-14.3	No	5595	360000	15	64.3399	Si
631 Prosp.A	Verticale	SLE RA 3	-6.9892	84.65	No	5594	360000	15	64.3498	Si
934 Prosp.A	Verticale	SLE RA 3	0.9743	68.1	No	5571	360000	15	64.6204	Si
641 Prosp.A	Verticale	SLE RA 3	-6.1399	92.25	No	5538	360000	15	65.0018	Si
469 Prosp.A	Orizzontale	SLE RA 3	-17.227	-13.01	No	5512	360000	15	65.3162	Si
933 Prosp.A	Verticale	SLE RA 3	1.1555	64.31	No	5443	360000	15	66.14	Si
789 Prosp.A	Orizzontale	SLE RA 3	13.2833	22.9	No	5434	360000	15	66.2435	Si
795 Prosp.A	Verticale	SLE RA 7	3.8806	113.06	No	5410	360000	15	66.5462	Si
794 Prosp.A	Verticale	SLE RA 7	3.3795	118.41	No	5407	360000	15	66.5819	Si
932 Prosp.A	Verticale	SLE RA 1	1.4435	60.45	No	5393	360000	15	66.7484	Si

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	σ_f	σ_f limite	Es/Ec	c.s.	Verifica
771 Prosp.A	Orizzontale	SLE RA 10	-19.8913	-43.26	No	5380	360000	15	66.9205	Si
913 Prosp.A	Verticale	SLE RA 3	1.0953	63.25	No	5322	360000	15	67.6449	Si
796 Prosp.A	Verticale	SLE RA 7	4.46	103.82	No	5306	360000	15	67.8414	Si

Parete FILI 6-8

Verifiche condotte secondo D.M. 17-01-18 (N.T.C.)

Geometria



Caratteristiche dei materiali

Acciaio: B450C Fyk 450000
 Calcestruzzo: C28/35 Rck 35000
 Livelli significativi

Descrizione breve	Descrizione	Quota	Spessore
L2	Platea di fondazione vasca	-1.1	0
L3	Piano campagna	0	0
L4	Livello soletta paratoie	2.2	0
L5	Livello stramazzi	2.62	0

Verifiche nei nodi

Sezioni rettangolari

Descrizione	Dir.	Base	Altezza	As,sup	As,inf	c,sup	c,inf
5759 Prosp.A	Verticale	0.5	0.3	0.000603	0.000603	0.048	0.048
5393 Prosp.A	Verticale	1	0.3	0.001206	0.001206	0.048	0.048
4962 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
5758 Prosp.A	Verticale	0.5	0.3	0.001206	0.001206	0.048	0.048
5392 Prosp.A	Verticale	1	0.3	0.002212	0.002212	0.048	0.048
4961 Prosp.A	Verticale	1	0.3	0.002011	0.002011	0.048	0.048
4676 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
920 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
5757 Prosp.A	Verticale	0.5	0.3	0.000603	0.000603	0.048	0.048
4675 Prosp.A	Verticale	1	0.3	0.001942	0.001942	0.048	0.048
5760 Prosp.A	Verticale	0.5	0.3	0.000603	0.000603	0.048	0.048
5762 Prosp.A	Verticale	0.5	0.3	0.000603	0.000603	0.048	0.048
5391 Prosp.A	Verticale	1	0.3	0.001206	0.001206	0.048	0.048
4965 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
5394 Prosp.A	Verticale	1	0.3	0.001206	0.001206	0.048	0.048
4960 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
5396 Prosp.A	Verticale	1	0.3	0.001206	0.001206	0.048	0.048
5754 Prosp.A	Verticale	0.5	0.3	0.000603	0.000603	0.048	0.048
924 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
3756 Prosp.A	Verticale	1	0.3	0.001206	0.001206	0.048	0.048
4398 Prosp.A	Verticale	1	0.3	0.000977	0.000977	0.048	0.048
4397 Prosp.A	Verticale	1	0.3	0.001781	0.001781	0.048	0.048
928 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
4963 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
925 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
5388 Prosp.A	Verticale	1	0.3	0.001206	0.001206	0.048	0.048
4957 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
921 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
4679 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
4674 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
4671 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
4677 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
3757 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
923 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
5756 Prosp.A	Verticale	0.5	0.3	0.000603	0.000603	0.048	0.048
4401 Prosp.A	Verticale	1	0.3	0.000977	0.000977	0.048	0.048
927 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
5755 Prosp.A	Verticale	0.5	0.3	0.000603	0.000603	0.048	0.048

Descrizione	Dir.	Base	Altezza	As,sup	As,inf	c,sup	c,inf
4396 Prosp.A	Verticale	1	0.3	0.000977	0.000977	0.048	0.048
4393 Prosp.A	Verticale	1	0.3	0.000977	0.000977	0.048	0.048
3496 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
3494 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
5390 Prosp.A	Verticale	1	0.3	0.001206	0.001206	0.048	0.048
5761 Prosp.A	Verticale	0.5	0.3	0.000603	0.000603	0.048	0.048
3493 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
3754 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
926 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
4958 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
4399 Prosp.A	Verticale	1	0.3	0.000977	0.000977	0.048	0.048
3494 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
3492 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
3495 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
5389 Prosp.A	Verticale	1	0.3	0.001206	0.001206	0.048	0.048
4672 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
3758 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
4959 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
920 Prosp.A	Verticale	0.5	0.3	0.000503	0.000503	0.048	0.048
4964 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
5395 Prosp.A	Verticale	1	0.3	0.001206	0.001206	0.048	0.048
922 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
3759 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
4678 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
3753 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
928 Prosp.A	Verticale	0.5	0.3	0.000503	0.000503	0.048	0.048
3497 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
3755 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
4394 Prosp.A	Verticale	1	0.3	0.000977	0.000977	0.048	0.048
4400 Prosp.A	Verticale	1	0.3	0.000977	0.000977	0.048	0.048
3758 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
4395 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
3759 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
3752 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
5394 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
3755 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
3498 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
5388 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
4673 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
3491 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
4400 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
3496 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
4394 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
3760 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
5393 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
3753 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
3490 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
3495 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
4962 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
921 Prosp.A	Verticale	0.5	0.3	0.000503	0.000503	0.048	0.048
4675 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
4676 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
926 Prosp.A	Verticale	0.5	0.3	0.000503	0.000503	0.048	0.048
4672 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
4960 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
5391 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
4961 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
5396 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
5392 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
4395 Prosp.A	Verticale	1	0.3	0.000977	0.000977	0.048	0.048
3497 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
4397 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
3493 Prosp.A	Verticale	1	0.3	0.001005	0.001005	0.048	0.048
3760 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
4401 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
3752 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
4679 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
4393 Prosp.A	Orizzontale	1	0.3	0.001005	0.001005	0.064	0.064
924 Prosp.A	Verticale	0.5	0.3	0.000503	0.000503	0.048	0.048

Verifiche a flessione SLU D.M. 17-01-18 §4.1.2.3.4.2

La struttura è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione, per le combinazioni SLV, viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
5759 Prosp.A	Verticale	SLU 3	35.7031	51.78	49.1622	71.3	1.377	Si
5393 Prosp.A	Verticale	SLU 4	67.1585	65.43	102.8544	100.21	1.5315	Si
4962 Prosp.A	Verticale	SLU 1	58.7691	12.4	94.8487	20.01	1.6139	Si
5758 Prosp.A	Verticale	SLU 1	56.5428	52.63	96.2506	89.59	1.7023	Si
5392 Prosp.A	Verticale	SLU 1	103.309	69.47	182.2053	122.53	1.7637	Si
4961 Prosp.A	Verticale	SLU 4	88.3922	21.27	174.38	41.96	1.9728	Si
4676 Prosp.A	Verticale	SLU 1	49.5699	-19.73	101.3362	-40.34	2.0443	Si
920 Prosp.A	Orizzontale	SLU 1	50.4871	-76.03	111.8252	-168.41	2.2149	Si
5757 Prosp.A	Verticale	SLU 3	23.0259	16.8	52.677	38.44	2.2877	Si
4675 Prosp.A	Verticale	SLU 1	76.2706	-9.79	175.5326	-22.54	2.3014	Si
5760 Prosp.A	Verticale	SLU 3	19.5629	45.34	45.5058	105.46	2.3261	Si
5762 Prosp.A	Verticale	SLU 3	-19.7664	37.05	-47.3036	88.67	2.3931	Si
5391 Prosp.A	Verticale	SLU 4	43.6986	13.88	109.8412	34.88	2.5136	Si
4965 Prosp.A	Verticale	SLU 1	-36.5303	10.03	-94.2154	25.87	2.5791	Si
5394 Prosp.A	Verticale	SLU 3	37.2019	60.33	96.7816	156.96	2.6015	Si
4960 Prosp.A	Verticale	SLU 1	39.2098	-18.87	102.2907	-49.22	2.6088	Si
5396 Prosp.A	Verticale	SLU 3	-38.4175	45.58	-100.7853	119.57	2.6234	Si
5754 Prosp.A	Verticale	SLU 3	-18.0855	32.2	-47.7012	84.94	2.6375	Si
924 Prosp.A	Orizzontale	SLU 10	-25.2614	109.16	-66.9107	289.14	2.6487	Si
3756 Prosp.A	Verticale	SLU 1	47.3403	-44.08	126.0122	-117.32	2.6618	Si
4398 Prosp.A	Verticale	SLU 1	39.7929	-39.65	105.9609	-105.58	2.6628	Si
4397 Prosp.A	Verticale	SLU 1	63.311	-31.41	168.9564	-83.82	2.6687	Si
928 Prosp.A	Orizzontale	SLV 7	32.6964	-29.1	91.991	-81.88	2.8135	Si
4963 Prosp.A	Verticale	SLU 1	33.2382	10.29	93.871	29.05	2.8242	Si
925 Prosp.A	Orizzontale	SLU 8	-25.4177	75.79	-74.5123	222.19	2.9315	Si
5388 Prosp.A	Verticale	SLU 3	-35.1162	29.01	-104.3518	86.2	2.9716	Si

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
4957 Prosp.A	Verticale	SLU 1	-33.0954	-11.05	-100.612	-33.59	3.0401	Si
921 Prosp.A	Orizzontale	SLV 7	27.5438	-2.38	83.8721	-7.26	3.045	Si
4679 Prosp.A	Verticale	SLU 1	-32.7699	-17.47	-102.8942	-54.86	3.1399	Si
4674 Prosp.A	Verticale	SLU 1	34.2997	-50.2	115.0235	-168.34	3.3535	Si
4671 Prosp.A	Verticale	SLV 3	-24.1904	1.91	-88.0331	6.95	3.6392	Si
4677 Prosp.A	Verticale	SLU 1	28.4911	-23.42	106.3796	-87.44	3.7338	Si
3757 Prosp.A	Verticale	SLU 1	29.5297	-44.2	115.5103	-172.89	3.9117	Si
923 Prosp.A	Orizzontale	SLV 5	-15.7288	48.52	-61.5953	189.99	3.9161	Si
5756 Prosp.A	Verticale	SLU 3	11.6039	26.94	45.49	105.61	3.9202	Si
4401 Prosp.A	Verticale	SLU 1	-27.5946	-39.13	-111.597	-158.25	4.0442	Si
927 Prosp.A	Orizzontale	SLV 7	20.1623	-4.42	85.1191	-18.66	4.2217	Si
5755 Prosp.A	Verticale	SLU 3	-9.5983	34.17	-41.1119	146.34	4.2833	Si
4396 Prosp.A	Verticale	SLU 1	29.1103	-69.42	126.929	-302.7	4.3603	Si
4393 Prosp.A	Verticale	SLV 3	-20.5326	-9.9	-91.3746	-44.05	4.4502	Si
3496 Prosp.A	Orizzontale	SLU 10	-20.1006	14.83	-89.4718	65.99	4.4512	Si
3494 Prosp.A	Verticale	SLU 1	26.3195	-45.75	119.1528	-207.11	4.5272	Si
5390 Prosp.A	Verticale	SLU 3	22.1749	24.15	101.7301	110.81	4.5876	Si
5761 Prosp.A	Verticale	SLU 3	-7.1306	47.1	-33.2537	219.66	4.6635	Si
3493 Prosp.A	Orizzontale	SLU 10	-12.2222	78.15	-57.4353	367.27	4.6993	Si
3754 Prosp.A	Orizzontale	SLU 1	-18.8303	13.56	-89.6118	64.51	4.7589	Si
926 Prosp.A	Orizzontale	SLV 9	-18.2022	-10.81	-88.8353	-52.74	4.8805	Si
4958 Prosp.A	Verticale	SLV 3	-16.7089	12.76	-81.712	62.42	4.8903	Si
4399 Prosp.A	Verticale	SLU 1	23.7579	-41.35	116.3037	-202.4	4.8954	Si
3494 Prosp.A	Orizzontale	SLU 10	-7.6464	105.62	-37.6993	520.76	4.9303	Si
3492 Prosp.A	Orizzontale	SLU 10	-17.2114	23.13	-84.8686	114.07	4.9309	Si
3495 Prosp.A	Orizzontale	SLU 10	-12.2245	69.64	-60.3359	343.7	4.9357	Si
5389 Prosp.A	Verticale	SLU 3	-19.3724	31.23	-96.872	156.18	5.0005	Si
4672 Prosp.A	Verticale	SLV 3	-17.0771	-1.71	-89.8318	-9	5.2604	Si
3758 Prosp.A	Orizzontale	SLV 7	-13.5029	18.55	-72.026	98.95	5.3341	Si
4959 Prosp.A	Verticale	SLU 1	20.1364	-19.44	108.2137	-104.48	5.374	Si
920 Prosp.A	Verticale	SLU 1	8.3566	6.13	44.9447	32.98	5.3784	Si
4964 Prosp.A	Verticale	SLU 1	-16.8268	8.5	-91.9984	46.45	5.4674	Si
5395 Prosp.A	Verticale	SLU 3	-14.7172	55.12	-81.0649	303.64	5.5082	Si
922 Prosp.A	Orizzontale	SLV 7	12.6853	20.14	70.5472	112.03	5.5613	Si
3759 Prosp.A	Orizzontale	SLU 1	-21.2267	-43.02	-118.6448	-240.47	5.5894	Si
4678 Prosp.A	Verticale	SLU 10	-18.7808	-17.79	-107.9786	-102.29	5.7494	Si
3753 Prosp.A	Orizzontale	SLU 1	-20.0045	-37.53	-116.5911	-218.73	5.8282	Si
928 Prosp.A	Verticale	SLU 1	7.1543	10.53	41.8567	61.6	5.8506	Si
3497 Prosp.A	Orizzontale	SLU 1	-19.9854	-38.57	-117.3198	-226.43	5.8703	Si
5761 Prosp.A	Verticale	SLV 5	5.6042	28.94	33.0321	170.61	5.8942	Si
3755 Prosp.A	Verticale	SLU 1	23.5184	-67.93	139.8168	-403.87	5.945	Si
4394 Prosp.A	Verticale	SLV 3	-15.9102	-12.83	-95.0015	-76.64	5.9711	Si
4400 Prosp.A	Verticale	SLU 10	-19.4084	-37.98	-119.6917	-234.23	6.167	Si
3758 Prosp.A	Verticale	SLU 1	19.8924	-42.15	125.3406	-265.56	6.3009	Si
4395 Prosp.A	Orizzontale	SLU 1	-14.4066	-0.26	-95.9513	-1.71	6.6602	Si
3759 Prosp.A	Verticale	SLU 10	-19.0898	-43.86	-128.4629	-295.18	6.7294	Si
3752 Prosp.A	Verticale	SLV 3	-15.0572	-20.5	-104.5817	-142.38	6.9456	Si
5394 Prosp.A	Orizzontale	SLU 10	13.5284	1.64	94.6825	11.46	6.9988	Si
5395 Prosp.A	Verticale	SLV 5	10.8629	35.57	76.8026	251.48	7.0702	Si
3755 Prosp.A	Orizzontale	SLV 11	-7.7566	30.82	-57.2323	227.42	7.3785	Si
3498 Prosp.A	Orizzontale	SLV 7	-15.0734	-35.89	-111.2329	-264.85	7.3794	Si
5388 Prosp.A	Orizzontale	SLU 1	-15.9594	-33.25	-119.4349	-248.85	7.4836	Si
4673 Prosp.A	Verticale	SLV 5	14.5234	-24.51	109.084	-184.1	7.5109	Si
3491 Prosp.A	Orizzontale	SLU 1	-15.6027	-30.75	-117.8682	-232.27	7.5543	Si
4400 Prosp.A	Orizzontale	SLU 1	-17.1847	-48.48	-130.6534	-368.6	7.6029	Si
3496 Prosp.A	Verticale	SLU 1	15.1156	-23.02	115.8961	-176.48	7.6673	Si
4394 Prosp.A	Orizzontale	SLU 1	-16.6588	-44.46	-128.1857	-342.12	7.6948	Si
3760 Prosp.A	Verticale	SLV 5	-14.2917	-27.35	-112.4029	-215.14	7.8649	Si
5393 Prosp.A	Orizzontale	SLU 10	12.3743	-2.2	97.4371	-17.31	7.8741	Si
3753 Prosp.A	Verticale	SLV 3	-14.6157	-30.88	-115.4655	-243.99	7.9001	Si
3490 Prosp.A	Orizzontale	SLV 11	-14.2529	-35.68	-113.1098	-283.14	7.9359	Si
3495 Prosp.A	Verticale	SLU 1	15.2336	-29.28	122.0621	-234.58	8.0127	Si
4962 Prosp.A	Orizzontale	SLU 10	11.6788	0.53	95.3631	4.35	8.1655	Si
921 Prosp.A	Verticale	SLU 1	6.3722	-4.13	52.131	-33.82	8.181	Si
4675 Prosp.A	Orizzontale	SLV 7	7.0889	22.38	61.2161	193.25	8.6355	Si
4676 Prosp.A	Orizzontale	SLU 10	10.1872	8.86	88.4284	76.9	8.6803	Si
926 Prosp.A	Verticale	SLU 1	5.9331	-3.93	52.2159	-34.62	8.8008	Si
4672 Prosp.A	Orizzontale	SLU 10	-14.43	-37.96	-127.5783	-335.57	8.8412	Si
4960 Prosp.A	Orizzontale	SLU 10	11.2527	-5.65	100.6014	-50.48	8.9402	Si
5391 Prosp.A	Orizzontale	SLU 10	11.8181	-12.75	106.7673	-115.15	9.0342	Si
4961 Prosp.A	Orizzontale	SLU 10	10.5912	-0.57	96.283	-5.23	9.0908	Si
5396 Prosp.A	Orizzontale	SLU 1	-13.4263	-31.27	-122.965	-286.37	9.1585	Si
922 Prosp.A	Orizzontale	SLV 5	-7.7075	11.66	-71.0574	107.5	9.2193	Si
926 Prosp.A	Verticale	SLU 10	-5.8857	-5.87	-54.312	-54.17	9.2278	Si

Verifiche a flessione SLD Resistenza D.M. 17-01-18 §4.1.2.3.4.2

La struttura è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
5759 Prosp.A	Verticale	SLD 3	25.2278	50.1	43.0956	85.59	1.7083	Si
5393 Prosp.A	Verticale	SLD 3	47.1813	64.59	91.4685	125.23	1.9387	Si
4962 Prosp.A	Verticale	SLD 1	41.2338	12.12	85.9551	25.27	2.0846	Si
5758 Prosp.A	Verticale	SLD 3	41.4919	56.54	88.9997	121.27	2.145	Si
5392 Prosp.A	Verticale	SLD 3	74.6799	68.09	170.8858	155.81	2.2882	Si
4961 Prosp.A	Verticale	SLD 7	61.9979	22.24	164.815	59.13	2.6584	Si
4676 Prosp.A	Verticale	SLD 5	34.4876	-14.07	93.0857	-37.98	2.6991	Si
5757 Prosp.A	Verticale	SLD 15	16.8744	20.47	46.4479	56.35	2.7526	Si
5760 Prosp.A	Verticale	SLD 1	13.7946	41.31	39.3396	117.8	2.8518	Si
924 Prosp.A	Orizzontale	SLD 9	-19.3282	70.93	-58.6534	215.25	3.0346	Si
920 Prosp.A	Orizzontale	SLD 11	32.7048	-51.72	100.1474	-158.36	3.0622	Si
4675 Prosp.A	Verticale	SLD 7	53.9575	-5.25	167.1327	-16.25	3.0975	Si
5391 Prosp.A	Verticale	SLD 15	31.7057	17.07	99.5681	53.61	3.1404	Si
5762 Prosp.A	Verticale	SLD 15	-13.4677	27.27	-42.9389	86.93	3.1883	Si
5754 Prosp.A	Verticale	SLD 3	-13.1515	29.06	-42.2074	93.26	3.2093	Si
5394 Prosp.A	Verticale	SLD 1	26.9702	50	87.2733	161.78	3.2359	Si
4965 Prosp.A	Verticale	SLD 3	-25.4884	15.21	-83.1776	49.64	3.2634	Si
4960 Prosp.A	Verticale	SLD 1	26.985	1.71	88.1871	5.58	3.268	Si
925 Prosp.A	Orizzontale	SLD 9	-19.898	45.61	-66.0499	151.4	3.3194	Si
5396 Prosp.A	Verticale	SLD 3	-26.7124	35.76	-91.7429	122.83	3.4345	Si
3756 Prosp.A	Verticale	SLD 11	34.6412	-36	118.9885	-123.65	3.4349	Si

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
4963 Prosp.A	Verticale	SLD 5	24.7339	8.21	85.5969	28.41	3.4607	Si
4397 Prosp.A	Verticale	SLD 11	45.342	-23.62	161.2425	-84	3.5561	Si
4398 Prosp.A	Verticale	SLD 9	27.276	-29.54	98.2945	-106.44	3.6037	Si
4957 Prosp.A	Verticale	SLD 3	-24.3671	1.83	-88.0716	6.6	3.6152	Si
5388 Prosp.A	Verticale	SLD 3	-25.6192	31.41	-92.7761	113.76	3.6214	Si
4679 Prosp.A	Verticale	SLD 3	-22.9984	-6.17	-91.5841	-24.57	3.9822	Si
921 Prosp.A	Orizzontale	SLD 7	22.0148	-13	88.8053	-52.44	4.0339	Si
923 Prosp.A	Orizzontale	SLD 9	-14.1867	55.77	-57.4253	225.75	4.0478	Si
4674 Prosp.A	Verticale	SLD 1	23.9817	-20.69	98.2832	-84.81	4.0993	Si
4671 Prosp.A	Verticale	SLD 3	-21.8528	-10.8	-94.0278	-46.46	4.3028	Si
928 Prosp.A	Orizzontale	SLD 7	24.9607	-53.71	107.8574	-232.1	4.3211	Si
4677 Prosp.A	Verticale	SLD 5	21.2291	-14.67	96.2566	-66.51	4.5342	Si
5756 Prosp.A	Verticale	SLD 13	9.3156	16.97	43.7706	79.74	4.6987	Si
5755 Prosp.A	Verticale	SLD 3	-7.2372	28.78	-36.2288	144.05	5.0059	Si
4401 Prosp.A	Verticale	SLD 1	-19.391	-20.77	-98.1476	-105.11	5.0615	Si
3496 Prosp.A	Orizzontale	SLD 7	-14.0437	15.7	-73.8789	82.57	5.2606	Si
4396 Prosp.A	Verticale	SLD 1	20.4741	-37.64	108.3637	-199.19	5.2927	Si
3757 Prosp.A	Verticale	SLD 15	20.1898	-35.73	110.2716	-195.15	5.4618	Si
5390 Prosp.A	Verticale	SLD 9	17.7672	13.86	97.0826	75.74	5.4642	Si
4393 Prosp.A	Verticale	SLD 1	-18.1774	-22.08	-99.931	-121.36	5.4975	Si
3754 Prosp.A	Orizzontale	SLD 11	-13.3792	14.79	-73.9668	81.76	5.5285	Si
3493 Prosp.A	Orizzontale	SLD 13	-8.7387	54.67	-48.3447	302.46	5.5322	Si
5761 Prosp.A	Verticale	SLD 7	-4.8008	39.54	-26.8374	221.05	5.5902	Si
3495 Prosp.A	Orizzontale	SLD 1	-8.7118	52.93	-48.9496	297.39	5.6188	Si
4958 Prosp.A	Verticale	SLD 3	-15.3135	1.28	-87.9898	7.34	5.7459	Si
3494 Prosp.A	Orizzontale	SLD 1	-5.5175	76.21	-31.7713	438.84	5.7583	Si
3492 Prosp.A	Orizzontale	SLD 11	-12.1122	20.55	-69.8207	118.38	5.7598	Si
3494 Prosp.A	Verticale	SLD 11	19.9495	-42.09	115.4131	-243.51	5.7853	Si
5389 Prosp.A	Verticale	SLD 3	-14.5742	32.28	-84.3708	186.89	5.7891	Si
4399 Prosp.A	Verticale	SLD 5	17.4038	-27.86	105.0181	-168.11	6.0342	Si
5761 Prosp.A	Verticale	SLD 5	4.9683	31.13	30.5192	191.24	6.1428	Si
4959 Prosp.A	Verticale	SLD 9	16.235	-16.03	99.7952	-98.56	6.1469	Si
4672 Prosp.A	Verticale	SLD 3	-15.6952	-14.2	-98.7854	-89.36	6.294	Si
3758 Prosp.A	Orizzontale	SLD 7	-11.9881	9.51	-76.3414	60.59	6.3681	Si
926 Prosp.A	Orizzontale	SLD 9	-12.0406	7.51	-77.6997	48.46	6.4532	Si
5395 Prosp.A	Verticale	SLD 7	-10.2792	51.01	-67.0781	332.85	6.5256	Si
4964 Prosp.A	Verticale	SLD 7	-12.3546	10.7	-80.8321	70.03	6.5427	Si
3759 Prosp.A	Orizzontale	SLD 7	-14.811	-24.97	-101.4906	-171.11	6.8524	Si
4678 Prosp.A	Verticale	SLD 7	-13.8912	-10.66	-97.1443	-74.52	6.9932	Si
3497 Prosp.A	Orizzontale	SLD 7	-14.0334	-21.98	-99.9533	-156.52	7.1225	Si
3753 Prosp.A	Orizzontale	SLD 11	-13.9303	-22.14	-100.2445	-159.31	7.1961	Si
4394 Prosp.A	Verticale	SLD 3	-14.6999	-25.36	-106.7461	-184.12	7.2617	Si
3755 Prosp.A	Verticale	SLD 3	16.6162	-43.81	124.1907	-327.46	7.4741	Si
922 Prosp.A	Orizzontale	SLD 7	9.6904	10.57	74.0723	80.81	7.6439	Si
4400 Prosp.A	Verticale	SLD 3	-13.75	-22.34	-105.3479	-171.18	7.6617	Si
3760 Prosp.A	Verticale	SLD 5	-14.7004	-29.55	-113.8614	-228.86	7.7454	Si
4395 Prosp.A	Orizzontale	SLD 11	-9.9198	4.51	-79.0938	35.96	7.9734	Si
920 Prosp.A	Verticale	SLD 11	5.3064	1.48	43.0532	11.97	8.1134	Si
5394 Prosp.A	Orizzontale	SLD 1	9.7771	3.64	79.7882	29.73	8.1607	Si
4673 Prosp.A	Verticale	SLD 5	13.8587	-28.28	114.329	-233.27	8.2496	Si
927 Prosp.A	Orizzontale	SLD 7	12.2026	-21.1	102.057	-176.47	8.3635	Si
3758 Prosp.A	Verticale	SLD 5	13.9524	-30.86	117.0308	-258.82	8.3879	Si
3755 Prosp.A	Orizzontale	SLD 11	-6.9781	25.37	-58.8213	213.82	8.4294	Si
3759 Prosp.A	Verticale	SLD 3	-13.4139	-28.57	-115.7274	-246.47	8.6274	Si
928 Prosp.A	Verticale	SLD 7	4.3697	5.03	39.2489	45.14	8.9821	Si
5393 Prosp.A	Orizzontale	SLD 3	8.8788	3.33	79.7697	29.89	8.9843	Si
3491 Prosp.A	Orizzontale	SLD 11	-11.103	-17.71	-100.3309	-160.07	9.0364	Si
5388 Prosp.A	Orizzontale	SLD 13	-11.4498	-22.35	-105.0504	-205.09	9.1749	Si
4400 Prosp.A	Orizzontale	SLD 3	-11.9441	-27.91	-110.5692	-258.38	9.2572	Si
3753 Prosp.A	Verticale	SLD 3	-13.5585	-38.21	-127.4534	-359.17	9.4003	Si
4394 Prosp.A	Orizzontale	SLD 15	-11.4311	-27.1	-111.084	-263.34	9.7177	Si
4962 Prosp.A	Orizzontale	SLD 7	7.9964	4.27	78.4312	41.92	9.8083	Si
4675 Prosp.A	Orizzontale	SLD 7	6.6834	15.32	66.0499	151.45	9.8827	Si
922 Prosp.A	Orizzontale	SLD 9	-6.004	18.8	-61.3523	192.15	10.2185	Si
5395 Prosp.A	Verticale	SLD 5	5.7801	38.86	59.1628	397.76	10.2356	Si
4676 Prosp.A	Orizzontale	SLD 7	6.9599	10.08	71.5019	103.6	10.2734	Si
4961 Prosp.A	Orizzontale	SLD 7	7.568	3.87	78.6149	40.23	10.3878	Si
5392 Prosp.A	Orizzontale	SLD 7	8.0639	-3.28	86.9491	-35.41	10.7825	Si
4395 Prosp.A	Verticale	SLD 5	12.273	-40.42	133.2545	-438.84	10.8576	Si
4960 Prosp.A	Orizzontale	SLD 7	7.7978	-1.62	85.0123	-17.71	10.9021	Si
4672 Prosp.A	Orizzontale	SLD 15	-10.2303	-25.03	-112.2326	-274.58	10.9706	Si
3497 Prosp.A	Verticale	SLD 5	-10.252	-19.92	-112.8438	-219.26	11.007	Si
5391 Prosp.A	Orizzontale	SLD 9	8.7915	-11.79	97.1756	-130.36	11.0534	Si
3498 Prosp.A	Orizzontale	SLD 7	-13.5307	-60.35	-150.9065	-673.12	11.1529	Si
4397 Prosp.A	Orizzontale	SLD 5	5.6341	16.06	62.853	179.12	11.1557	Si
5396 Prosp.A	Orizzontale	SLD 1	-9.4676	-20.02	-107.3286	-226.98	11.3364	Si
3493 Prosp.A	Verticale	SLD 3	11.1679	-31.8	127.9967	-364.45	11.4611	Si
3752 Prosp.A	Verticale	SLD 1	-10.38	-24.56	-119.5515	-282.87	11.5175	Si
3495 Prosp.A	Verticale	SLD 15	10.3985	-25.56	121.1023	-297.72	11.6462	Si

Verifiche a taglio SLU D.M. 17-01-18 §4.1.2.3.5

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
5759 Prosp.A	Verticale	0.252	0.5	Non necessaria	0	SLU 1	-52.77	56.6	33.3873	68.75	321.85	0	68.75	2.5	0.0006032	1.3029	Si
5762 Prosp.A	Verticale	0.252	0.5	Non necessaria	0	SLU 3	-47.21	16.75	-17.1489	68.75	321.85	0	68.75	2.5	0.0006032	1.4562	Si
920 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLU 1	-90.87	-76.03	50.4871	134.78	612.12	0	134.78	2.5	0.0010053	1.4832	Si
3490 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLU 1	-90.87	-84.12	-19.0096	135.73	613.11	0	135.73	2.5	0.0010053	1.4937	Si
5393 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 1	-91.89	70.19	63.3767	137.51	643.71	0	137.51	2.5	0.0012064	1.4964	Si
5758 Prosp.A	Verticale	0.252	0.5	Non necessaria	0	SLU 1	-52.77	52.63	56.5428	86.62	321.85	0	86.62	2.5	0.0012064	1.6415	Si
4962 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 4	-76.24	16.23	55.2466	129.4	643.71	0	129.4	2.5	0.0010053	1.6973	Si
5392 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 1	-91.89	69.47	103.309	168.29	643.71	0	168.29	2.5	0.0022117	1.8314	Si
4676 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 1	-70.59	-14.41	45.5057	131.21	645.59	0	131.21	2.5	0.0010053	1.8588	Si

Vano di equalizzazione e sedimentazione meccanica

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
5760 Prosp.A	Verticale	0.252	0.5	Non necessaria	0	SLU 4	-36.59	47.84	19.0134	68.75	321.85	0	68.75	2.5	0.0006032	1.8789	Si
928 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLU 1	-71.68	-81.91	38.505	135.47	612.84	0	135.47	2.5	0.0010053	1.89	Si
3498 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLU 1	-71.68	-89.85	-20.4004	136.41	613.81	0	136.41	2.5	0.0010053	1.9031	Si
5394 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 4	-70.93	63.68	35.6776	137.51	643.71	0	137.51	2.5	0.0012064	1.9387	Si
4963 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 4	-64.96	11.59	31.1903	129.4	643.71	0	129.4	2.5	0.0010053	1.992	Si
5754 Prosp.A	Verticale	0.252	0.5	Non necessaria	0	SLU 3	34.15	26.21	-15.566	68.75	321.85	0	68.75	2.5	0.0006032	2.013	Si
4398 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 1	-65.8	-36.04	35.19	132.69	648.41	0	132.69	2.5	0.0009766	2.0165	Si
5757 Prosp.A	Verticale	0.252	0.5	Non necessaria	0	SLU 1	33.96	4.1	21.8563	68.75	321.85	0	68.75	2.5	0.0006032	2.0247	Si
5396 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 3	-66.71	34.83	-36.5129	137.51	643.71	0	137.51	2.5	0.0012064	2.0612	Si
5391 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 1	64.76	9.72	41.6225	137.51	643.71	0	137.51	2.5	0.0012064	2.1234	Si
4961 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 4	-76.24	21.27	88.3922	163.03	643.71	0	163.03	2.5	0.0020106	2.1385	Si
5761 Prosp.A	Verticale	0.252	0.5	Non necessaria	0	SLU 4	-31.13	48.11	-6.6723	68.75	321.85	0	68.75	2.5	0.0006032	2.2088	Si
4960 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 4	58.35	-14.29	37.1089	131.2	645.57	0	131.2	2.5	0.0010053	2.2484	Si
3757 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 10	-59.83	-47.33	23.4467	135.36	649.88	0	135.36	2.5	0.0010053	2.2626	Si
4675 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 4	-70.63	-10.27	76.3031	162.44	645.05	0	162.44	2.5	0.0019417	2.2999	Si
5395 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 4	-59.11	59.22	-14.1904	137.51	643.71	0	137.51	2.5	0.0012064	2.3263	Si
4677 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 1	-56.78	-22.51	26.291	132.23	646.64	0	132.23	2.5	0.0010053	2.3291	Si
3756 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 10	-59.83	-45.84	47.0462	143.28	649.68	0	143.28	2.5	0.0012064	2.395	Si
4397 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 4	-65.86	-32.44	63.352	160.65	647.94	0	160.65	2.5	0.0017808	2.4395	Si
4964 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 4	-52.52	6.49	-16.4469	129.4	643.71	0	129.4	2.5	0.0010053	2.4639	Si
4674 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 4	54.44	-50.86	31.8419	135.81	650.34	0	135.81	2.5	0.0010053	2.4946	Si
4396 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 4	51.37	-72.27	26.2542	137.26	653.13	0	137.26	2.5	0.0009766	2.6721	Si
5756 Prosp.A	Verticale	0.252	0.5	Non necessaria	0	SLU 4	25.61	19.81	11.3211	68.75	321.85	0	68.75	2.5	0.0006032	2.6848	Si
921 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLU 1	-47.02	-22.09	31.935	128.41	605.53	0	128.41	2.5	0.0010053	2.7312	Si
5390 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 4	50.04	17.65	21.346	137.51	643.71	0	137.51	2.5	0.0012064	2.748	Si
3491 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLU 1	-47.02	-30.31	-14.7408	129.38	606.54	0	129.38	2.5	0.0010053	2.7519	Si
4959 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 4	46.98	-19.83	19.0137	131.9	646.29	0	131.9	2.5	0.0010053	2.8072	Si
4399 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 1	-47.18	-40.73	21.6425	133.28	649.02	0	133.28	2.5	0.0009766	2.8252	Si
3494 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLU 8	43.85	110.35	-7.6527	125.81	602.84	0	125.81	2.5	0.0010053	2.869	Si
924 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLU 8	43.85	108.77	-25.3084	125.81	602.84	0	125.81	2.5	0.0010053	2.869	Si
5388 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 3	46.7	29.01	-32.9726	137.51	643.71	0	137.51	2.5	0.0012064	2.9443	Si
4965 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 3	-43.72	8.86	-36.5276	129.4	643.71	0	129.4	2.5	0.0010053	2.9595	Si
3755 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 8	46.4	-73.97	19.3604	138.72	653.35	0	138.72	2.5	0.0010053	2.9897	Si
4678 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 1	-43.56	-23.28	-18.5518	132.33	646.74	0	132.33	2.5	0.0010053	3.0379	Si
5755 Prosp.A	Verticale	0.252	0.5	Non necessaria	0	SLU 4	21.62	27.06	-9.3749	68.75	321.85	0	68.75	2.5	0.0006032	3.1801	Si
4673 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 4	41.89	-51.07	16.8288	135.83	650.36	0	135.83	2.5	0.0010053	3.2427	Si
3495 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 10	-40.88	-40.31	10.448	134.48	648.96	0	134.48	2.5	0.0010053	3.2895	Si
3494 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 8	-40.94	-50.95	26.423	135.82	650.35	0	135.82	2.5	0.0010053	3.3174	Si
5389 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 4	41.05	25.48	-19.2094	137.51	643.71	0	137.51	2.5	0.0012064	3.3499	Si
927 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLV 7	-35.53	-4.42	20.1623	126.33	603.38	0	126.33	2.5	0.0010053	3.5551	Si
3497 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLV 7	-35.53	-8.62	-13.6007	126.82	603.89	0	126.82	2.5	0.0010053	3.569	Si
4958 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 4	36.48	-18.84	-20.4617	131.77	646.16	0	131.77	2.5	0.0010053	3.612	Si
3495 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLU 8	34.78	74.02	-11.607	125.81	602.84	0	125.81	2.5	0.0010053	3.6177	Si
925 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLU 8	34.78	75.5	-24.9436	125.81	602.84	0	125.81	2.5	0.0010053	3.6177	Si
4395 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 4	34.66	-69.23	15.439	136.88	652.73	0	136.88	2.5	0.0009766	3.9492	Si
3758 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 8	-33.15	-46.72	10.2471	135.28	649.8	0	135.28	2.5	0.0010053	4.0805	Si
4400 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 1	-32.24	-42.65	-19.4309	133.53	649.27	0	133.53	2.5	0.0009766	4.1414	Si
4679 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 1	-31.09	-17.47	-32.7699	131.6	645.99	0	131.6	2.5	0.0010053	4.2322	Si
4672 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 1	30.22	-45.72	-21.1835	135.16	649.67	0	135.16	2.5	0.0010053	4.4717	Si
4957 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 4	28.76	-11.71	-33.1071	130.87	645.23	0	130.87	2.5	0.0010053	4.5507	Si
3493 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 8	27.93	-50.52	9.9036	135.76	650.29	0	135.76	2.5	0.0010053	4.8602	Si

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
920 Prosp.A	Verticale	0.252	0.5	Non necessaria	0	SLV 7	12.26	7.42	5.5726	64.7	321.85	0	64.7	2.5	0.0005027	5.2769	Si
925 Prosp.A	Verticale	0.252	0.5	Non necessaria	0	SLU 10	-11.66	-14.16	0.8975	66.48	323.7	0	66.48	2.5	0.0005027	5.7036	Si
3756 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLU 10	22.05	70.66	0.9064	125.81	602.84	0	125.81	2.5	0.0010053	5.7061	Si
924 Prosp.A	Verticale	0.252	0.5	Non necessaria	0	SLU 10	-11.66	-23.23	6.7648	67.63	324.88	0	67.63	2.5	0.0005027	5.8016	Si
923 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLU 8	21.2	77.8	-14.2311	125.81	602.84	0	125.81	2.5	0.0010053	5.9338	Si
3493 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLU 8	21.2	72.74	-7.8207	125.81	602.84	0	125.81	2.5	0.0010053	5.9338	Si
3754 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 7	22.91	-68.67	-7.7312	138.05	652.66	0	138.05	2.5	0.0010053	6.0248	Si
4394 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 4	22	-62.73	-20.3447	136.06	651.88	0	136.06	2.5	0.0009766	6.1832	Si
3492 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLV 7	-20.34	22.12	-10.2331	125.81	602.84	0	125.81	2.5	0.0010053	6.1841	Si
922 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLV 7	-20.34	27.76	12.3285	125.81	602.84	0	125.81	2.5	0.0010053	6.1841	Si
3757 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLU 7	20.18	47.07	-4.413	125.81	602.84	0	125.81	2.5	0.0010053	6.2355	Si
3490 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 1	20.86	-20.91	9.0655	132.03	646.43	0	132.03	2.5	0.0010053	6.3288	Si
4401 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 1	-20.63	-39.13	-27.5946	133.08	648.81	0	133.08	2.5	0.0009766	6.4524	Si
4671 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 4	19.19	-33.29	-29.2352	133.59	648.05	0	133.59	2.5	0.0010053	6.9599	Si
3759 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 3	-17.63	-45.35	-18.7906	135.11	649.62	0	135.11	2.5	0.0010053	7.6642	Si
928 Prosp.A	Verticale	0.252	0.5	Non necessaria	0	SLV 7	-8.41	12.77	5.1049	64.7	321.85	0	64.7	2.5	0.0005027	7.6976	Si
5396 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLU 1	-16.42	-21.9	-6.294	128.39	605.51	0	128.39	2.5	0.0010053	7.8172	Si
921 Prosp.A	Verticale	0.252	0.5	Non necessaria	0	SLU 1	-8.11	-4.13	6.3722	65.22	322.39	0	65.22	2.5	0.0005027	8.0407	Si
4397 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLU 10	15.4	36.81	5.1174	125.81	602.84	0	125.81	2.5	0.0010053	8.1712	Si
927 Prosp.A	Verticale	0.252	0.5	Non necessaria	0	SLU 1	7.77	0.74	-0.3178	64.7	321.85	0	64.7	2.5	0.0005027	8.3304	Si
926 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLV 9	15.25	-10.81	-18.2022	127.08	604.16	0	127.08	2.5	0.0010053	8.3332	Si
3496 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLV 9	15.25	-13.02	-13.2227	127.34	604.43	0	127.34	2.5	0.0010053	8.3503	Si
4398 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLU 10	14.92	25.33	2.6393	125.81	602.84	0	125.81	2.5	0.0010053	8.4325	Si
923 Prosp.A	Verticale	0.252	0.5	Non necessaria	0	SLV 7	7.3	-18.16	0.8172	66.99	324.22	0	66.99	2.5	0.0005027	9.173	Si
4675 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLU 10	13.3	15.27	9.2708	125.81	602.84	0	125.81	2.5	0.0010053	9.4608	Si
3498 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLV 7	-13.61	-1.05	4.1038	129.53	643.84	0	129.53	2.5	0.0010053	9.518	Si
4676 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLU 10	13.07	8.86	10.1872	125.81	602.84	0	125.81	2.5	0.0010053	9.6245	Si
3753 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLU 1	-13.06	-37.93	-19.4307	130.28	607.47	0	130.28	2.5	0.0010053	9.9743	Si
4961 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLU 10	12.34	-0.57	10.5912	125.87	602.91	0	125.87	2.5	0.0010053	10.2007	Si
3755 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLU 8	12.27	50.03	-7.4499	125.81	602.84	0	125.81	2.5	0.0010053	10.2504	Si
3496 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 7	-12.91	-29.78	-2.8884	133.15	647.59	0	133.15	2.5	0.0010053	10.3146	Si
4962 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLU 10	11.88	0.53	11.6788	125.81	602.84	0	125.81	2.5	0.0010053	10.5924	Si
5388 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLU 1	-12.14	-25.77	-7.2334	128.85	605.98	0	128.85	2.5	0.0010053	10.6108	Si
4393 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLV 1	12.17	-8.19	-19.757	129.18	644.78	0	129.18	2.5	0.0009766	10.6115	Si
922 Prosp.A	Verticale	0.252	0.5	Non necessaria	0	SLU 1	-5.54	-6.03	-0.5386	65.46	322.64	0	65.46	2.5	0.0005027	11.8251	Si
3758 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLV 9	10.66	-14.9	-6.4736	127.57	604.66	0	127.57	2.5	0.0010053	11.9619	Si
5392 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLU 10	10.18	-11.01	11.4122	127.11	604.18	0	127.11	2.5	0.0010053	12.4802	Si
3753 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 3	10.52	-57.81	-11.7778	136.68	651.24	0	136.68	2.5	0.0010053	12.998	Si
3760 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLU 1	-10.28	-40.46	-15.5042	134.5	648.98	0	134.5	2.5	0.0010053	13.0809	Si
4396 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLU 10	9.58	25.47	-3.9002	125.81	602.84	0	125.81	2.5	0.0010053	13.1264	Si

Verifiche a taglio SLD Resistenza D.M. 17-01-18 §4.1.2.3.5

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
5759 Prosp.A	Verticale	0.252	0.5	Non necessaria	0	SLD 3	-39	62.88	23.2861	68.75	321.85	0	68.75	2.5	0.0006032	1.7628	Si
5762 Prosp.A	Verticale	0.252	0.5	Non necessaria	0	SLD 5	-33.34	9.23	-11.6972	68.75	321.85	0	68.75	2.5	0.0006032	2.0619	Si
5393 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 3	-66.05	72.29	44.114	137.51	643.71	0	137.51	2.5	0.0012064	2.082	Si
920 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLD 7	-60.65	-57.95	32.9019	132.64	609.91	0	132.64	2.5	0.0010053	2.1869	Si
3490 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLD 7	-60.65	-65.21	-12.4843	133.5	610.8	0	133.5	2.5	0.0010053	2.2011	Si
5758 Prosp.A	Verticale	0.252	0.5	Non necessaria	0	SLD 3	-39	56.54	41.4919	86.62	321.85	0	86.62	2.5	0.0012064	2.221	Si
4962 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 7	-54.86	18.53	37.2617	129.4	643.71	0	129.4	2.5	0.0010053	2.3586	Si
4676 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 11	-52.12	-8.15	30.6773	130.42	644.77	0	130.42	2.5	0.0010053	2.5023	Si
5392 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 3	-66.05	68.09	74.6799	168.29	643.71	0	168.29	2.5	0.0022117	2.5482	Si

Vano di equalizzazione e sedimentazione meccanica

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
5760 Prosp.A	Verticale	0.252	0.5	Non necessaria	0	SLD 3	-26.1	44.32	13.3625	68.75	321.85	0	68.75	2.5	0.0006032	2.634	Si
5757 Prosp.A	Verticale	0.252	0.5	Non necessaria	0	SLD 15	26.04	20.8	15.7905	68.75	321.85	0	68.75	2.5	0.0006032	2.6399	Si
4398 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 11	-49.78	-27.21	23.8247	131.58	647.25	0	131.58	2.5	0.0009766	2.6432	Si
5394 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 3	-50.35	60.75	24.9669	137.51	643.71	0	137.51	2.5	0.0012064	2.7309	Si
928 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLD 7	-47.82	-53.71	24.9607	132.14	609.39	0	132.14	2.5	0.0010053	2.7632	Si
3498 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLD 7	-47.82	-60.35	-13.5307	132.93	610.2	0	132.93	2.5	0.0010053	2.7796	Si
5754 Prosp.A	Verticale	0.252	0.5	Non necessaria	0	SLD 9	24.57	14.05	-10.486	68.75	321.85	0	68.75	2.5	0.0006032	2.7984	Si
4963 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 7	-46	15.65	20.2281	129.4	643.71	0	129.4	2.5	0.0010053	2.8131	Si
5396 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 5	-48.47	22.87	-25.0627	137.51	643.71	0	137.51	2.5	0.0012064	2.8368	Si
5391 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 15	46.84	18.32	29.8389	137.51	643.71	0	137.51	2.5	0.0012064	2.9357	Si
3757 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 11	-45.58	-37.21	16.6724	134.09	648.56	0	134.09	2.5	0.0010053	2.9416	Si
4961 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 7	-54.86	22.24	61.9979	163.03	643.71	0	163.03	2.5	0.0020106	2.9716	Si
4960 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 7	43.38	2.92	24.9685	129.4	643.71	0	129.4	2.5	0.0010053	2.9829	Si
4675 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 11	-52.12	-4.45	53.5738	161.71	644.29	0	161.71	2.5	0.0019417	3.1025	Si
3756 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 11	-45.58	-36	34.6412	142.04	648.4	0	142.04	2.5	0.0012064	3.1161	Si
5761 Prosp.A	Verticale	0.252	0.5	Non necessaria	0	SLD 1	-21.99	38.21	-4.5288	68.75	321.85	0	68.75	2.5	0.0006032	3.127	Si
4674 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 7	41.84	-28.07	21.6072	132.93	647.37	0	132.93	2.5	0.0010053	3.1775	Si
4397 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 11	-49.78	-23.62	45.342	159.54	646.79	0	159.54	2.5	0.0017808	3.2049	Si
4677 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 7	-40.75	-14.23	16.7243	131.19	645.56	0	131.19	2.5	0.0010053	3.2195	Si
5395 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 1	-41.65	48.97	-9.6558	137.51	643.71	0	137.51	2.5	0.0012064	3.3017	Si
4396 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 7	40.57	-47.16	17.958	134.1	649.86	0	134.1	2.5	0.0009766	3.3055	Si
4964 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 3	-36.74	12.33	-11.6	129.4	643.71	0	129.4	2.5	0.0010053	3.5218	Si
921 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLD 7	-34.9	-13	22.0148	127.34	604.42	0	127.34	2.5	0.0010053	3.649	Si
3491 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLD 7	-34.9	-18.8	-10.5759	128.02	605.13	0	128.02	2.5	0.0010053	3.6686	Si
3755 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 7	36.83	-51.77	14.0666	135.92	650.46	0	135.92	2.5	0.0010053	3.6903	Si
5756 Prosp.A	Verticale	0.252	0.5	Non necessaria	0	SLD 15	18.16	19.5	8.641	68.75	321.85	0	68.75	2.5	0.0006032	3.7854	Si
4959 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 7	33.95	-2.9	11.6704	129.76	644.09	0	129.76	2.5	0.0010053	3.8223	Si
4399 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 11	-34.51	-30.86	13.5478	132.04	647.73	0	132.04	2.5	0.0009766	3.8258	Si
5390 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 11	35.54	25.73	14.1801	137.51	643.71	0	137.51	2.5	0.0012064	3.8686	Si
924 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLD 9	32.29	70.93	-19.3282	125.81	602.84	0	125.81	2.5	0.0010053	3.8957	Si
3494 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLD 9	32.29	68.41	-6.0429	125.81	602.84	0	125.81	2.5	0.0010053	3.8957	Si
5388 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 5	34.88	21.81	-23.1335	137.51	643.71	0	137.51	2.5	0.0012064	3.9422	Si
4965 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 5	-31.68	8.95	-25.2186	129.4	643.71	0	129.4	2.5	0.0010053	4.0848	Si
3495 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 11	-31.6	-35.25	7.5226	133.84	648.3	0	133.84	2.5	0.0010053	4.2358	Si
3494 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 11	-31.6	-42.09	19.9495	134.7	649.19	0	134.7	2.5	0.0010053	4.2631	Si
4673 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 7	31.14	-29.33	10.1747	133.09	647.53	0	133.09	2.5	0.0010053	4.2739	Si
4678 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 3	-30.36	-10.82	-13.1719	130.76	645.12	0	130.76	2.5	0.0010053	4.3074	Si
3495 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLD 9	27.62	43.14	-9.0115	125.81	602.84	0	125.81	2.5	0.0010053	4.5543	Si
925 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLD 9	27.62	45.61	-19.898	125.81	602.84	0	125.81	2.5	0.0010053	4.5543	Si
5755 Prosp.A	Verticale	0.252	0.5	Non necessaria	0	SLD 9	15.09	17.67	-6.0755	68.75	321.85	0	68.75	2.5	0.0006032	4.5548	Si
5389 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 5	28.61	19.04	-13.0848	137.51	643.71	0	137.51	2.5	0.0012064	4.806	Si
4958 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 3	25.73	0.15	-15.3118	129.4	643.71	0	129.4	2.5	0.0010053	5.03	Si
4395 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 7	26.57	-45.34	4.7858	133.87	649.62	0	133.87	2.5	0.0009766	5.0389	Si
927 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLD 7	-24.76	-18.73	11.0258	128.02	605.12	0	128.02	2.5	0.0010053	5.1693	Si
3497 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLD 7	-24.76	-22	-13.2458	128.4	605.52	0	128.4	2.5	0.0010053	5.185	Si
3758 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 11	-24.72	-36.04	6.6274	133.94	648.41	0	133.94	2.5	0.0010053	5.4176	Si
4679 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 5	-22.79	-9.39	-22.5309	130.58	644.93	0	130.58	2.5	0.0010053	5.7295	Si
4400 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 3	-22.52	-26.47	-13.8867	131.49	647.16	0	131.49	2.5	0.0009766	5.8387	Si
3493 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 7	23	-41.1	7.1074	134.58	649.06	0	134.58	2.5	0.0010053	5.851	Si
4957 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 5	21.6	-4.91	-23.2718	130.02	644.35	0	130.02	2.5	0.0010053	6.0195	Si
4672 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 3	21.84	-19.35	-15.8712	131.84	646.23	0	131.84	2.5	0.0010053	6.0361	Si

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
925 Prosp.A	Verticale	0.252	0.5	Non necessaria	0	SLD 11	-9.6	-14.62	0.6375	66.54	323.76	0	66.54	2.5	0.0005027	6.9288	Si
924 Prosp.A	Verticale	0.252	0.5	Non necessaria	0	SLD 11	-9.6	-21.49	5.4132	67.41	324.65	0	67.41	2.5	0.0005027	7.0189	Si
923 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLD 5	17.18	54.43	-11.5273	125.81	602.84	0	125.81	2.5	0.0010053	7.3217	Si
3493 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLD 5	17.18	47.94	-7.3991	125.81	602.84	0	125.81	2.5	0.0010053	7.3217	Si
3754 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 7	18.16	-47.39	-6.031	135.37	649.88	0	135.37	2.5	0.0010053	7.4537	Si
3756 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLD 11	16.01	55.87	0.8254	125.81	602.84	0	125.81	2.5	0.0010053	7.8571	Si
4394 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 3	16.4	-32.7	-15.3596	132.27	647.97	0	132.27	2.5	0.0009766	8.063	Si
3757 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLD 9	14.8	25.18	-2.7128	125.81	602.84	0	125.81	2.5	0.0010053	8.502	Si
3492 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLD 7	-14.64	10.95	-9.0109	125.81	602.84	0	125.81	2.5	0.0010053	8.5935	Si
922 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLD 7	-14.64	14.87	9.5228	125.81	602.84	0	125.81	2.5	0.0010053	8.5935	Si
920 Prosp.A	Verticale	0.252	0.5	Non necessaria	0	SLD 3	7.36	-2.64	4.516	65.03	322.2	0	65.03	2.5	0.0005027	8.8402	Si
4671 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 5	14.88	-17.9	-20.5201	131.65	646.04	0	131.65	2.5	0.0010053	8.8485	Si
4401 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 5	-14.66	-23.24	-19.0797	131.08	646.74	0	131.08	2.5	0.0009766	8.9418	Si
3490 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 3	13.65	-17.82	3.5703	131.64	646.03	0	131.64	2.5	0.0010053	9.6417	Si
4397 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLD 7	11.97	31.09	3.9755	125.81	602.84	0	125.81	2.5	0.0010053	10.5117	Si
3759 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 3	-12.61	-28.57	-13.4139	133	647.43	0	133	2.5	0.0010053	10.5475	Si
5396 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLD 7	-12	-15.53	-4.4231	127.64	604.73	0	127.64	2.5	0.0010053	10.6356	Si
921 Prosp.A	Verticale	0.252	0.5	Non necessaria	0	SLD 15	-5.87	-5.69	0.0103	65.42	322.6	0	65.42	2.5	0.0005027	11.1367	Si
4398 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLD 7	10.92	22.27	1.8542	125.81	602.84	0	125.81	2.5	0.0010053	11.5165	Si
923 Prosp.A	Verticale	0.252	0.5	Non necessaria	0	SLD 7	5.63	-15.46	0.6906	66.65	323.87	0	66.65	2.5	0.0005027	11.832	Si
3496 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLD 9	10.12	7.04	-9.3954	125.81	602.84	0	125.81	2.5	0.0010053	12.4358	Si
926 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLD 9	10.12	10.16	-11.7543	125.81	602.84	0	125.81	2.5	0.0010053	12.4358	Si
4675 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLD 11	9.89	15.4	6.5291	125.81	602.84	0	125.81	2.5	0.0010053	12.717	Si
4393 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 1	10	-22.08	-18.1774	130.93	646.59	0	130.93	2.5	0.0009766	13.0955	Si
4676 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLD 7	9.52	10.08	6.9599	125.81	602.84	0	125.81	2.5	0.0010053	13.2103	Si
928 Prosp.A	Verticale	0.252	0.5	Non necessaria	0	SLD 3	4.85	-0.58	4.6378	64.77	321.93	0	64.77	2.5	0.0005027	13.3671	Si
927 Prosp.A	Verticale	0.252	0.5	Non necessaria	0	SLD 3	4.85	-1.83	-0.4061	64.93	322.09	0	64.93	2.5	0.0005027	13.3995	Si
3755 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLD 9	9.38	28.28	-5.1069	125.81	602.84	0	125.81	2.5	0.0010053	13.4183	Si
3496 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 11	-9.65	-24.57	-2.7389	132.49	646.91	0	132.49	2.5	0.0010053	13.7247	Si
5388 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLD 11	-9.21	-18.18	-5.1337	127.95	605.06	0	127.95	2.5	0.0010053	13.8946	Si
4961 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLD 11	8.97	3.79	7.3494	125.81	602.84	0	125.81	2.5	0.0010053	14.0281	Si
4962 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLD 3	8.95	2.62	8.11	125.81	602.84	0	125.81	2.5	0.0010053	14.0504	Si
3753 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLD 7	-8.77	-26.21	-13.598	128.9	606.04	0	128.9	2.5	0.0010053	14.7039	Si
3758 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLD 9	8.08	-4.58	-9.8849	126.35	603.4	0	126.35	2.5	0.0010053	15.6332	Si
3753 Prosp.A	Verticale	0.252	1	Non necessaria	0	SLD 3	8.47	-38.21	-13.5585	134.21	648.69	0	134.21	2.5	0.0010053	15.8472	Si
5393 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLD 1	7.62	0.46	9.0405	125.81	602.84	0	125.81	2.5	0.0010053	16.5031	Si
922 Prosp.A	Verticale	0.252	0.5	Non necessaria	0	SLD 15	-3.85	-6.22	-0.5754	65.48	322.66	0	65.48	2.5	0.0005027	17.0027	Si
4396 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLD 11	7.38	22.41	-2.5724	125.81	602.84	0	125.81	2.5	0.0010053	17.0372	Si
5392 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLD 13	7.33	-12.57	8.1375	127.29	604.37	0	127.29	2.5	0.0010053	17.37	Si
4674 Prosp.A	Orizzontale	0.236	1	Non necessaria	0	SLD 11	6.94	8.82	2.8254	125.81	602.84	0	125.81	2.5	0.0010053	18.1234	Si

Verifiche SLE tensione calcestruzzo D.M. 17-01-18 §4.1.2.2.5.1

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	σc	σc limite	Es/Ec	c.s.	Verifica
5758 Prosp.A	Verticale	SLE QP 2	39.2233	39.05	Si	-5578	13073	15	2.3436	Si
5392 Prosp.A	Verticale	SLE QP 2	71.6447	52.47	Si	-5374	13073	15	2.4326	Si
5759 Prosp.A	Verticale	SLE QP 1	24.9112	37.79	Si	-4998	13073	15	2.6156	Si
4961 Prosp.A	Verticale	SLE QP 2	61.1518	16.55	Si	-4873	13073	15	2.6825	Si
5758 Prosp.A	Verticale	SLE RA 4	39.2225	38.98	Si	-5578	17430	15	3.1247	Si
5392 Prosp.A	Verticale	SLE RA 4	71.645	52.46	Si	-5374	17430	15	3.2435	Si
5759 Prosp.A	Verticale	SLE RA 1	24.9112	37.79	Si	-4998	17430	15	3.4875	Si
4961 Prosp.A	Verticale	SLE RA 4	61.1546	16.58	Si	-4873	17430	15	3.5766	Si
4675 Prosp.A	Verticale	SLE QP 2	52.617	-7.28	No	-2784	13073	15	4.6959	Si
5393 Prosp.A	Verticale	SLE QP 1	46.8408	48.91	No	-2530	13073	15	5.1679	Si
4397 Prosp.A	Verticale	SLE QP 2	43.6239	-24.31	No	-2401	13073	15	5.4448	Si
4962 Prosp.A	Verticale	SLE QP 2	40.9947	10.04	No	-2368	13073	15	5.5203	Si
920 Prosp.A	Orizzontale	SLE QP 1	32.9955	-63.2	No	-2193	13073	15	5.9618	Si
4675 Prosp.A	Verticale	SLE RA 3	52.6221	-7.71	No	-2785	17430	15	6.2579	Si
4676 Prosp.A	Verticale	SLE QP 2	34.5666	-14.11	No	-2065	13073	15	6.33	Si
3756 Prosp.A	Verticale	SLE QP 2	32.711	-34.83	No	-1972	13073	15	6.63	Si
5393 Prosp.A	Verticale	SLE RA 1	46.8408	48.91	No	-2530	17430	15	6.8905	Si
4397 Prosp.A	Verticale	SLE RA 3	43.6367	-25.05	No	-2404	17430	15	7.2514	Si

Vano di equalizzazione e sedimentazione meccanica

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	oc	oc limite	Es/Ec	c.s.	Verifica
5757 Prosp.A	Verticale	SLE QP 1	16.459	14.48	No	-1794	13073	15	7.2876	Si
4962 Prosp.A	Verticale	SLE RA 3	40.9844	9.76	No	-2368	17430	15	7.3597	Si
5391 Prosp.A	Verticale	SLE QP 1	31.1986	14.55	No	-1738	13073	15	7.5196	Si
928 Prosp.A	Orizzontale	SLE QP 1	25.0061	-67.1	No	-1720	13073	15	7.6005	Si
4398 Prosp.A	Verticale	SLE QP 2	27.7198	-29.77	No	-1718	13073	15	7.6095	Si
4960 Prosp.A	Verticale	SLE QP 2	27.957	-10.8	No	-1668	13073	15	7.8353	Si
920 Prosp.A	Orizzontale	SLE RA 1	32.9955	-63.2	No	-2193	17430	15	7.9491	Si
4676 Prosp.A	Verticale	SLE RA 3	34.5622	-14.62	No	-2066	17430	15	8.4348	Si
4674 Prosp.A	Verticale	SLE QP 2	24.3884	-34.42	No	-1531	13073	15	8.5377	Si
3756 Prosp.A	Verticale	SLE RA 3	32.7297	-35.79	No	-1976	17430	15	8.8225	Si
4965 Prosp.A	Verticale	SLE QP 2	-25.5714	7.76	No	-1473	13073	15	8.877	Si
5396 Prosp.A	Verticale	SLE QP 1	-26.9538	32.17	No	-1444	13073	15	9.0552	Si
5762 Prosp.A	Verticale	SLE QP 1	-13.882	25.05	No	-1437	13073	15	9.0997	Si
4957 Prosp.A	Verticale	SLE QP 2	-23.2865	-6.29	No	-1381	13073	15	9.4626	Si
4679 Prosp.A	Verticale	SLE QP 2	-22.9515	-11.59	No	-1378	13073	15	9.487	Si
5760 Prosp.A	Verticale	SLE QP 1	13.7105	31.98	No	-1376	13073	15	9.502	Si
4396 Prosp.A	Verticale	SLE QP 2	20.6001	-49.62	No	-1360	13073	15	9.611	Si
5394 Prosp.A	Verticale	SLE QP 1	26.0853	43.64	No	-1360	13073	15	9.6128	Si
5388 Prosp.A	Verticale	SLE QP 1	-24.7485	21.11	No	-1351	13073	15	9.6791	Si
5757 Prosp.A	Verticale	SLE RA 1	16.459	14.48	No	-1794	17430	15	9.7168	Si
4963 Prosp.A	Verticale	SLE QP 2	23.3325	8.31	No	-1340	13073	15	9.756	Si
5754 Prosp.A	Verticale	SLE QP 1	-12.7591	21.8	No	-1328	13073	15	9.8466	Si
921 Prosp.A	Orizzontale	SLE QP 1	20.8294	-19.76	No	-1323	13073	15	9.8791	Si
3757 Prosp.A	Verticale	SLE QP 2	20.5395	-34.57	No	-1306	13073	15	10.0063	Si
5391 Prosp.A	Verticale	SLE RA 1	31.1986	14.55	No	-1738	17430	15	10.0261	Si
4398 Prosp.A	Verticale	SLE RA 3	27.7183	-30.54	No	-1720	17430	15	10.1327	Si
928 Prosp.A	Orizzontale	SLE RA 1	25.0061	-67.1	No	-1720	17430	15	10.1339	Si
4671 Prosp.A	Verticale	SLE QP 2	-20.5827	-21.73	No	-1270	13073	15	10.2928	Si
4960 Prosp.A	Verticale	SLE RA 4	27.9583	-10.85	No	-1669	17430	15	10.4457	Si
4677 Prosp.A	Verticale	SLE QP 2	20.0256	-16.37	No	-1221	13073	15	10.7044	Si
4401 Prosp.A	Verticale	SLE QP 2	-19.3798	-26.82	No	-1219	13073	15	10.7214	Si
3494 Prosp.A	Verticale	SLE QP 4	18.3526	-38.83	No	-1191	13073	15	10.9727	Si
4674 Prosp.A	Verticale	SLE RA 3	24.3842	-34.93	No	-1532	17430	15	11.374	Si
3755 Prosp.A	Verticale	SLE QP 2	16.5339	-50.4	No	-1120	13073	15	11.6719	Si
3498 Prosp.A	Orizzontale	SLE QP 2	-14.1086	-84.72	No	-1112	13073	15	11.7524	Si
4965 Prosp.A	Verticale	SLE RA 3	-25.5675	7.34	No	-1474	17430	15	11.8277	Si
4393 Prosp.A	Verticale	SLE QP 2	-16.8721	-34.73	No	-1096	13073	15	11.9268	Si
5396 Prosp.A	Verticale	SLE RA 1	-26.9538	32.17	No	-1444	17430	15	12.0736	Si
5762 Prosp.A	Verticale	SLE RA 1	-13.882	25.05	No	-1437	17430	15	12.1329	Si
4399 Prosp.A	Verticale	SLE QP 2	16.6705	-30.12	No	-1070	13073	15	12.2144	Si
4957 Prosp.A	Verticale	SLE RA 3	-23.2836	-6.72	No	-1383	17430	15	12.6067	Si
4679 Prosp.A	Verticale	SLE RA 3	-22.9573	-11.96	No	-1379	17430	15	12.636	Si
5760 Prosp.A	Verticale	SLE RA 1	13.7105	31.98	No	-1376	17430	15	12.6694	Si
4396 Prosp.A	Verticale	SLE RA 3	20.5989	-50.39	No	-1362	17430	15	12.7933	Si
5394 Prosp.A	Verticale	SLE RA 1	26.0853	43.64	No	-1360	17430	15	12.8171	Si
5388 Prosp.A	Verticale	SLE RA 1	-24.7485	21.11	No	-1351	17430	15	12.9055	Si
3490 Prosp.A	Orizzontale	SLE QP 2	-13.037	-71.64	No	-1008	13073	15	12.9724	Si
4963 Prosp.A	Verticale	SLE RA 3	23.326	7.95	No	-1341	17430	15	13.001	Si
3759 Prosp.A	Orizzontale	SLE QP 2	-14.6737	-35.61	No	-998	13073	15	13.1003	Si
5754 Prosp.A	Verticale	SLE RA 1	-12.7591	21.8	No	-1328	17430	15	13.1287	Si
921 Prosp.A	Orizzontale	SLE RA 1	20.8294	-19.76	No	-1323	17430	15	13.1722	Si
3757 Prosp.A	Verticale	SLE RA 3	20.5412	-35.56	No	-1310	17430	15	13.3103	Si
3760 Prosp.A	Orizzontale	SLE QP 2	-11.8124	-87.38	No	-981	13073	15	13.3238	Si
4394 Prosp.A	Verticale	SLE QP 4	-14.2634	-42.82	No	-967	13073	15	13.5118	Si
4672 Prosp.A	Verticale	SLE QP 2	-14.7105	-31.04	No	-955	13073	15	13.6929	Si
3497 Prosp.A	Orizzontale	SLE QP 2	-14.1044	-32.67	No	-954	13073	15	13.6966	Si
4671 Prosp.A	Verticale	SLE RA 3	-20.5894	-22.1	No	-1272	17430	15	13.7074	Si
925 Prosp.A	Orizzontale	SLE QP 4	-18.2047	52.92	No	-944	13073	15	13.8495	Si
3753 Prosp.A	Orizzontale	SLE QP 2	-13.86	-31.98	No	-938	13073	15	13.9437	Si
4677 Prosp.A	Verticale	SLE RA 3	20.021	-16.95	No	-1223	17430	15	14.2552	Si
4401 Prosp.A	Verticale	SLE RA 3	-19.3884	-27.15	No	-1221	17430	15	14.2776	Si
4401 Prosp.A	Orizzontale	SLE QP 2	-11.3164	-74.85	No	-913	13073	15	14.3168	Si
3758 Prosp.A	Verticale	SLE QP 2	13.8831	-32.45	No	-911	13073	15	14.3566	Si
3494 Prosp.A	Verticale	SLE RA 7	18.3746	-40.29	No	-1197	17430	15	14.5604	Si
3752 Prosp.A	Orizzontale	SLE QP 2	-10.6735	-82.53	No	-897	13073	15	14.5676	Si
4400 Prosp.A	Verticale	SLE QP 4	-13.6655	-30.09	No	-894	13073	15	14.6272	Si
4959 Prosp.A	Verticale	SLE QP 2	14.5978	-11.5	No	-889	13073	15	14.7061	Si
3759 Prosp.A	Verticale	SLE QP 4	-13.3543	-33.28	No	-882	13073	15	14.8194	Si
3753 Prosp.A	Verticale	SLE QP 4	-12.7475	-43.88	No	-879	13073	15	14.8767	Si
924 Prosp.A	Orizzontale	SLE QP 4	-18.186	76.4	No	-872	13073	15	14.9977	Si
4958 Prosp.A	Verticale	SLE QP 2	-14.182	-10.92	No	-863	13073	15	15.1506	Si
5390 Prosp.A	Verticale	SLE QP 1	16.0675	19.52	No	-860	13073	15	15.2086	Si
4673 Prosp.A	Verticale	SLE QP 2	12.9705	-32.29	No	-857	13073	15	15.2595	Si
5756 Prosp.A	Verticale	SLE QP 1	8.4047	19.71	No	-843	13073	15	15.5124	Si
3755 Prosp.A	Verticale	SLE RA 3	16.5359	-51.38	No	-1123	17430	15	15.5195	Si
4400 Prosp.A	Orizzontale	SLE QP 2	-11.9476	-38.38	No	-841	13073	15	15.5453	Si
3498 Prosp.A	Orizzontale	SLE RA 3	-14.1037	-86.75	No	-1118	17430	15	15.5875	Si
3496 Prosp.A	Orizzontale	SLE QP 4	-14.1479	7.58	No	-835	13073	15	15.6526	Si
4679 Prosp.A	Orizzontale	SLE QP 2	-10.0299	-74.09	No	-833	13073	15	15.698	Si
4393 Prosp.A	Orizzontale	SLE QP 2	-10.0488	-72.38	No	-829	13073	15	15.7742	Si
4393 Prosp.A	Verticale	SLE RA 3	-16.8814	-35.06	No	-1098	17430	15	15.88	Si
4395 Prosp.A	Verticale	SLE QP 2	11.6846	-44.62	No	-822	13073	15	15.912	Si

Verifiche SLE tensione acciaio D.M. 17-01-18 §4.1.2.2.5.2

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	of	of limite	Es/Ec	c.s.	Verifica
5759 Prosp.A	Verticale	SLE RA 3	24.8979	38.22	Si	216670	360000	15	1.6615	Si
5758 Prosp.A	Verticale	SLE RA 1	39.2265	39.35	Si	166202	360000	15	2.166	Si
5392 Prosp.A	Verticale	SLE RA 1	71.6436	52.52	Si	160668	360000	15	2.2406	Si
4961 Prosp.A	Verticale	SLE RA 4	61.1546	16.58	Si	143296	360000	15	2.5123	Si
5393 Prosp.A	Verticale	SLE RA 4	46.8388	48.94	No	29468	360000	15	12.2167	Si
4675 Prosp.A	Verticale	SLE RA 1	52.5997	-7.03	No	27884	360000	15	12.9107	Si
4962 Prosp.A	Verticale	SLE RA 1	40.9914	10.25	No	24928	360000	15	14.4413	Si
4397 Prosp.A	Verticale	SLE RA 1	43.602	-23.75	No	22768	360000	15	15.8119	Si
5757 Prosp.A	Verticale	SLE RA 3	16.4463	14.9	No	20490	360000	15	17.5695	Si
4676 Prosp.A	Verticale	SLE RA 1	34.5597	-13.75	No	20000	360000	15	18.0001	Si
5760 Prosp.A	Verticale	SLE RA 3	13.6971	33.13	No	18914	360000	15	19.034	Si
5391 Prosp.A	Verticale	SLE RA 4	31.1987	14.57	No	18824	360000	15	19.1248	Si
5762 Prosp.A	Verticale	SLE RA 3	-13.8463	26.59	No	18504	360000	15	19.4552	Si

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	of	of limite	Es/Ec	c.s.	Verifica
3756 Prosp.A	Verticale	SLE RA 1	32.6855	-34.05	No	17521	360000	15	20.5472	Si
5394 Prosp.A	Verticale	SLE RA 3	26.0678	44.59	No	17174	360000	15	20.9616	Si
5396 Prosp.A	Verticale	SLE RA 4	-26.9302	32.79	No	17150	360000	15	20.9909	Si
5754 Prosp.A	Verticale	SLE RA 3	-12.7262	23.36	No	16911	360000	15	21.2877	Si
4960 Prosp.A	Verticale	SLE RA 1	27.9519	-10.59	No	16200	360000	15	22.2225	Si
4965 Prosp.A	Verticale	SLE RA 1	-25.5693	8.11	No	15628	360000	15	23.0359	Si
5388 Prosp.A	Verticale	SLE RA 4	-24.7303	21.75	No	15376	360000	15	23.413	Si
4398 Prosp.A	Verticale	SLE RA 1	27.7122	-29.16	No	15268	360000	15	23.5792	Si
920 Prosp.A	Orizzontale	SLE RA 1	32.9955	-63.2	No	14340	360000	15	25.1046	Si
4963 Prosp.A	Verticale	SLE RA 1	23.3301	8.64	No	14315	360000	15	25.1479	Si
4957 Prosp.A	Verticale	SLE RA 1	-23.2802	-5.94	No	13623	360000	15	26.4254	Si
4679 Prosp.A	Verticale	SLE RA 1	-22.9417	-11.27	No	13179	360000	15	27.3158	Si
924 Prosp.A	Orizzontale	SLE RA 8	-18.3839	77.09	No	13092	360000	15	27.4977	Si
4674 Prosp.A	Verticale	SLE RA 1	24.3797	-34.05	No	13002	360000	15	27.6879	Si
925 Prosp.A	Orizzontale	SLE RA 8	-18.4151	53.4	No	12032	360000	15	29.9202	Si
5756 Prosp.A	Verticale	SLE RA 3	8.3908	20.86	No	11637	360000	15	30.9352	Si
4671 Prosp.A	Verticale	SLE RA 1	-20.5692	-21.41	No	11302	360000	15	31.8519	Si
4677 Prosp.A	Verticale	SLE RA 1	20.0225	-15.89	No	11227	360000	15	32.0652	Si
3757 Prosp.A	Verticale	SLE RA 1	20.5315	-33.77	No	10719	360000	15	33.5865	Si
4401 Prosp.A	Verticale	SLE RA 1	-19.3677	-26.54	No	10390	360000	15	34.6497	Si
5390 Prosp.A	Verticale	SLE RA 3	16.0493	20.47	No	10262	360000	15	35.0804	Si
4396 Prosp.A	Verticale	SLE RA 1	20.5907	-49.01	No	10099	360000	15	35.6478	Si
5755 Prosp.A	Verticale	SLE RA 3	-6.6543	25.22	No	10003	360000	15	35.9883	Si
928 Prosp.A	Orizzontale	SLE RA 1	25.0061	-67.1	No	9995	360000	15	36.0181	Si
921 Prosp.A	Orizzontale	SLE RA 1	20.8294	-19.76	No	9967	360000	15	36.1188	Si
3494 Prosp.A	Verticale	SLE RA 1	18.2989	-36.05	No	9282	360000	15	38.7836	Si
5389 Prosp.A	Verticale	SLE RA 3	-13.4235	24.2	No	8899	360000	15	40.4527	Si
5761 Prosp.A	Verticale	SLE RA 3	-5.0089	33.84	No	8856	360000	15	40.6523	Si
4399 Prosp.A	Verticale	SLE RA 1	16.6707	-29.57	No	8637	360000	15	41.682	Si
4393 Prosp.A	Verticale	SLE RA 1	-16.8568	-34.45	No	8526	360000	15	42.2252	Si
4959 Prosp.A	Verticale	SLE RA 1	14.5953	-11.18	No	8202	360000	15	43.8908	Si
923 Prosp.A	Orizzontale	SLE RA 8	-10.6528	57.36	No	8163	360000	15	44.103	Si
4958 Prosp.A	Verticale	SLE RA 1	-14.1895	-7.57	No	8124	360000	15	44.3139	Si
5395 Prosp.A	Verticale	SLE RA 3	-10.3193	40.13	No	7802	360000	15	46.1445	Si
3496 Prosp.A	Orizzontale	SLE RA 10	-14.1642	8.68	No	7783	360000	15	46.2558	Si
3755 Prosp.A	Verticale	SLE RA 1	16.5242	-49.59	No	7608	360000	15	47.3171	Si
4672 Prosp.A	Verticale	SLE RA 10	-14.5388	-23.89	No	7591	360000	15	47.4232	Si
4964 Prosp.A	Verticale	SLE RA 1	-11.7573	7.13	No	7340	360000	15	49.0434	Si
4678 Prosp.A	Verticale	SLE RA 10	-13.1075	-11.6	No	7295	360000	15	49.3472	Si
3760 Prosp.A	Verticale	SLE RA 7	-14.5183	-32.65	No	7181	360000	15	50.1343	Si
3754 Prosp.A	Orizzontale	SLE RA 1	-12.9734	7.24	No	7096	360000	15	50.7321	Si
3492 Prosp.A	Orizzontale	SLE RA 10	-12.2382	14.22	No	7030	360000	15	51.2117	Si
3493 Prosp.A	Orizzontale	SLE RA 10	-8.6286	54.64	No	6983	360000	15	51.5501	Si
4400 Prosp.A	Verticale	SLE RA 10	-13.5801	-26.2	No	6939	360000	15	51.8771	Si
3758 Prosp.A	Verticale	SLE RA 1	13.8855	-31.69	No	6847	360000	15	52.5794	Si
920 Prosp.A	Verticale	SLE RA 1	5.5923	1.23	No	6787	360000	15	53.0451	Si
3495 Prosp.A	Orizzontale	SLE RA 10	-8.6207	48.61	No	6705	360000	15	53.6894	Si
4394 Prosp.A	Verticale	SLE RA 10	-14.2705	-42.16	No	6626	360000	15	54.3346	Si
3759 Prosp.A	Verticale	SLE RA 10	-13.3865	-32.68	No	6504	360000	15	55.3514	Si
4673 Prosp.A	Verticale	SLE RA 1	12.9672	-31.81	No	6293	360000	15	57.2057	Si
3494 Prosp.A	Orizzontale	SLE RA 10	-5.3498	74.76	No	6187	360000	15	58.1838	Si
926 Prosp.A	Orizzontale	SLE RA 8	-10.2918	16.14	No	6102	360000	15	59.0013	Si
928 Prosp.A	Verticale	SLE RA 1	4.7909	4.16	No	6096	360000	15	59.051	Si
3759 Prosp.A	Orizzontale	SLE RA 1	-14.6726	-34.39	No	6091	360000	15	59.1019	Si
3758 Prosp.A	Orizzontale	SLE RA 1	-11.4705	1.4	No	6047	360000	15	59.5343	Si
3497 Prosp.A	Orizzontale	SLE RA 1	-14.0769	-31.5	No	5912	360000	15	60.894	Si
3753 Prosp.A	Orizzontale	SLE RA 1	-13.8581	-30.73	No	5832	360000	15	61.7243	Si
3753 Prosp.A	Verticale	SLE RA 10	-12.7781	-43.28	No	5660	360000	15	63.6098	Si
3495 Prosp.A	Verticale	SLE RA 10	10.5624	-23.59	No	5231	360000	15	68.8149	Si
4395 Prosp.A	Orizzontale	SLE RA 1	-9.8886	-2.49	No	5045	360000	15	71.3612	Si
5394 Prosp.A	Orizzontale	SLE RA 10	9.5569	0.9	No	5026	360000	15	71.6288	Si
4395 Prosp.A	Verticale	SLE RA 1	11.6843	-44.07	No	4990	360000	15	72.1433	Si
5388 Prosp.A	Orizzontale	SLE RA 1	-11.3065	-23.76	No	4818	360000	15	74.719	Si
921 Prosp.A	Verticale	SLE RA 1	4.3611	-5.23	No	4730	360000	15	76.1045	Si
922 Prosp.A	Orizzontale	SLE RA 1	8.6184	4.04	No	4679	360000	15	76.9347	Si
927 Prosp.A	Orizzontale	SLE RA 1	11.4474	-28.9	No	4658	360000	15	77.2859	Si
3491 Prosp.A	Orizzontale	SLE RA 1	-11.1553	-26.29	No	4625	360000	15	77.8447	Si
4400 Prosp.A	Orizzontale	SLE RA 1	-11.9446	-37.14	No	4543	360000	15	79.2407	Si
4394 Prosp.A	Orizzontale	SLE RA 1	-11.6093	-34.23	No	4501	360000	15	79.9889	Si
5393 Prosp.A	Orizzontale	SLE RA 10	8.7274	-2.02	No	4461	360000	15	80.7066	Si
926 Prosp.A	Verticale	SLE RA 10	-4.1727	-6.13	No	4423	360000	15	81.3936	Si
3755 Prosp.A	Orizzontale	SLE RA 10	-6.4976	21.35	No	4359	360000	15	82.5785	Si
4962 Prosp.A	Orizzontale	SLE RA 10	8.2371	-0.51	No	4273	360000	15	84.2412	Si
924 Prosp.A	Verticale	SLE RA 1	4.7128	-16.73	No	4105	360000	15	87.696	Si
3752 Prosp.A	Verticale	SLE RA 1	-9.1416	-31.26	No	4035	360000	15	89.2121	Si
3493 Prosp.A	Verticale	SLE RA 1	9.0177	-30.01	No	4018	360000	15	89.591	Si
4676 Prosp.A	Orizzontale	SLE RA 10	7.1938	4.98	No	3979	360000	15	90.4834	Si
4672 Prosp.A	Orizzontale	SLE RA 10	-10.0779	-28.21	No	3975	360000	15	90.5574	Si
4960 Prosp.A	Orizzontale	SLE RA 10	7.9821	-4.63	No	3953	360000	15	91.0658	Si
5391 Prosp.A	Orizzontale	SLE RA 10	8.3598	-8.97	No	3953	360000	15	91.0661	Si
3498 Prosp.A	Orizzontale	SLE RA 1	-13.956	-73.45	No	3943	360000	15	91.3082	Si
3497 Prosp.A	Verticale	SLE RA 10	-8.1119	-20.07	No	3934	360000	15	91.5196	Si
5396 Prosp.A	Orizzontale	SLE RA 1	-9.4313	-22.25	No	3909	360000	15	92.1048	Si
4675 Prosp.A	Orizzontale	SLE RA 10	6.5163	9.92	No	3850	360000	15	93.5098	Si
5392 Prosp.A	Orizzontale	SLE RA 10	8.0533	-7.74	No	3849	360000	15	93.5273	Si
4961 Prosp.A	Orizzontale	SLE RA 10	7.4573	-0.93	No	3848	360000	15	93.5641	Si
3496 Prosp.A	Verticale	SLE RA 1	7.8926	-19.08	No	3843	360000	15	93.6726	Si

Verifiche SLE fessurazione D.M. 17-01-18 §4.1.2.2.4

Descrizione	Dir.	Comb.	Fessurazione non valutabile	MEd	NEd	Sezione fessurata	esm	Amax	Wd	Wim	Es/Ec	c.s.	Verifica
5759 Prosp.A	Verticale	SLE QP 2		24.909	37.98	Si	0.00063	0.313	0.000197	0.0002	15	1.0138	Si
5759 Prosp.A	Verticale	SLE FR 3		24.9069	38.02	Si	0.00063	0.313	0.000197	0.0003	15	1.5206	Si
5758 Prosp.A	Verticale	SLE QP 1		39.2265	39.35	Si	0.00056	0.217	0.000122	0.0002	15	1.6449	Si
5392 Prosp.A	Verticale	SLE QP 1		71.6436	52.52	Si	0.00052	0.224	0.000116	0.0002	15	1.719	Si

Vano di equalizzazione e sedimentazione meccanica

Descrizione	Dir.	Comb.	Fessurazione non valutabile	MEd	NEd	Sezione fessurata	ϵ_{sm}	Δ_{max}	Wd	Wim	Es/Ec	c.s.	Verifica
4961 Prosp.A	Verticale	SLE QP 2		61.1518	16.55	Si	0.00042	0.233	0.000097	0.0002	15	2.0578	Si
5758 Prosp.A	Verticale	SLE FR 1		39.2265	39.35	Si	0.00056	0.217	0.000122	0.0003	15	2.4673	Si
5392 Prosp.A	Verticale	SLE FR 1		71.6436	52.52	Si	0.00052	0.224	0.000116	0.0003	15	2.5785	Si
4961 Prosp.A	Verticale	SLE FR 4		61.1532	16.56	Si	0.00042	0.233	0.000097	0.0003	15	3.0865	Si

Parete FILI 7-16

Verifiche condotte secondo D.M. 17-01-18 (N.T.C.)

Geometria



Caratteristiche dei materiali

Acciaio: B450C Fyk 450000

Calcestruzzo: C28/35 Rck 35000

Livelli significativi

Descrizione breve	Descrizione	Quota	Spessore
L2	Platea di fondazione vasca	-1.1	0
L3	Piano campagna	0	0
L4	Livello soletta paratoie	2.2	0
L5	Livello stramazzi	2.62	0
L6	Livello coronamento	3.4	0

Verifiche nei nodi

Sezioni rettangolari

Descrizione	Dir.	Base	Altezza	As,sup	As,inf	c,sup	c,inf
5488 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
6203 Prosp.A	Verticale	0.5	0.5	0.000402	0.000402	0.048	0.048
6198 Prosp.A	Verticale	0.5	0.5	0.000402	0.000402	0.048	0.048
6208 Prosp.A	Verticale	0.5	0.5	0.000402	0.000402	0.048	0.048
5168 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
6193 Prosp.A	Verticale	0.5	0.5	0.000402	0.000402	0.048	0.048
6213 Prosp.A	Verticale	0.5	0.5	0.000402	0.000402	0.048	0.048
6218 Prosp.A	Verticale	0.5	0.5	0.000402	0.000402	0.048	0.048
5155 Prosp.A	Verticale	0.9611	0.5	0.000804	0.000804	0.048	0.048
6188 Prosp.A	Verticale	0.5	0.5	0.000402	0.000402	0.048	0.048
6178 Prosp.A	Verticale	0.5	0.5	0.000402	0.000402	0.048	0.048
6223 Prosp.A	Verticale	0.5	0.5	0.000391	0.000402	0.048	0.048
5870 Prosp.A	Verticale	0.9585	0.5	0.000804	0.000804	0.048	0.048
5865 Prosp.A	Verticale	0.9626	0.5	0.000804	0.000804	0.048	0.048
5878 Prosp.A	Verticale	0.9545	0.5	0.000804	0.000804	0.048	0.048
5862 Prosp.A	Verticale	0.9666	0.5	0.000804	0.000804	0.048	0.048
5883 Prosp.A	Verticale	0.9504	0.5	0.000804	0.000804	0.048	0.048
5861 Prosp.A	Verticale	0.9706	0.5	0.000804	0.000804	0.048	0.048
6228 Prosp.A	Verticale	0.5	0.5	0.000402	0.000402	0.048	0.048
5858 Prosp.A	Verticale	0.9747	0.5	0.000781	0.000804	0.048	0.048
6233 Prosp.A	Verticale	0.5	0.5	0.000402	0.000402	0.048	0.048
5169 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5981 Prosp.A	Verticale	0.9461	0.5	0.000804	0.000804	0.048	0.048
5857 Prosp.A	Verticale	0.9787	0.5	0.000804	0.000804	0.048	0.048
5489 Prosp.A	Verticale	1	0.5	0.001005	0.000953	0.048	0.048
6238 Prosp.A	Verticale	0.5	0.5	0.000402	0.000402	0.048	0.048
5473 Prosp.A	Verticale	0.5	0.5	0.000402	0.000402	0.048	0.048
6278 Prosp.A	Verticale	0.5	0.5	0.000402	0.000391	0.048	0.048
6283 Prosp.A	Verticale	0.5	0.5	0.000402	0.000402	0.048	0.048
6243 Prosp.A	Verticale	0.5	0.5	0.000402	0.000402	0.048	0.048
6273 Prosp.A	Verticale	0.5	0.5	0.000402	0.000402	0.048	0.048
6288 Prosp.A	Verticale	0.5	0.5	0.000402	0.000402	0.048	0.048
6268 Prosp.A	Verticale	0.5	0.5	0.000402	0.000402	0.048	0.048
5856 Prosp.A	Verticale	0.9827	0.5	0.000804	0.000804	0.048	0.048
6293 Prosp.A	Verticale	0.5	0.5	0.000402	0.000402	0.048	0.048
6263 Prosp.A	Verticale	0.5	0.5	0.000402	0.000402	0.048	0.048
4871 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
6248 Prosp.A	Verticale	0.5	0.5	0.000402	0.000402	0.048	0.048
5853 Prosp.A	Verticale	0.9868	0.5	0.000804	0.000804	0.048	0.048
6258 Prosp.A	Verticale	0.5	0.5	0.000402	0.000402	0.048	0.048
6298 Prosp.A	Verticale	0.5	0.5	0.000402	0.000402	0.048	0.048

Descrizione	Dir.	Base	Altezza	As,sup	As,inf	c,sup	c,inf
4866 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
6253 Prosp.A	Verticale	0.5	0.5	0.000402	0.000402	0.048	0.048
5850 Prosp.A	Verticale	0.9908	0.5	0.000804	0.000804	0.048	0.048
6004 Prosp.A	Verticale	0.933	0.5	0.000804	0.000804	0.048	0.048
4875 Prosp.A	Verticale	1	0.5	0.001005	0.00098	0.048	0.048
6303 Prosp.A	Verticale	0.5	0.5	0.000402	0.000402	0.048	0.048
5549 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
6308 Prosp.A	Verticale	0.5	0.5	0.000402	0.000402	0.048	0.048
5554 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5557 Prosp.A	Verticale	1	0.5	0.000981	0.001005	0.048	0.048
5548 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5170 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5566 Prosp.A	Verticale	1	0.5	0.000921	0.001005	0.048	0.048
2114 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
2175 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
2052 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
2236 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
5490 Prosp.A	Verticale	1	0.5	0.000918	0.001005	0.048	0.048
4882 Prosp.A	Verticale	1	0.5	0.000948	0.001005	0.048	0.048
1991 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
5547 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
6183 Prosp.A	Verticale	0.5	0.5	0.000402	0.000402	0.048	0.048
2297 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
1930 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
5171 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
4878 Prosp.A	Verticale	1	0.5	0.001005	0.000954	0.048	0.048
1869 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
2358 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
1808 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
5544 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5541 Prosp.A	Verticale	1	0.5	0.000982	0.001005	0.048	0.048
6173 Prosp.A	Verticale	0.5	0.5	0.000402	0.000402	0.048	0.048
2419 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
1747 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
5491 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
4885 Prosp.A	Verticale	1	0.5	0.000965	0.001005	0.048	0.048
6313 Prosp.A	Verticale	0.5	0.5	0.000402	0.000402	0.048	0.048
5847 Prosp.A	Verticale	0.9948	0.5	0.00094	0.00094	0.048	0.048
5172 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5822 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5820 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
1686 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
5825 Prosp.A	Verticale	1	0.5	0.001005	0.000976	0.048	0.048
5819 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
2480 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
5826 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5221 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5222 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5492 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5540 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5818 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5827 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
6318 Prosp.A	Verticale	0.5	0.5	0.000402	0.000402	0.048	0.048
5220 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5493 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5990 Prosp.A	Verticale	0.941	0.5	0.000804	0.000804	0.048	0.048
5219 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5227 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5539 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
1625 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
5218 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5667 Prosp.A	Verticale	1	0.5	0.001005	0.000979	0.048	0.048
5217 Prosp.A	Verticale	1	0.5	0.000994	0.001005	0.048	0.048
5349 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5228 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5536 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
4949 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
6019 Prosp.A	Verticale	0.9179	0.5	0.000804	0.000804	0.048	0.048
5842 Prosp.A	Verticale	0.9988	0.5	0.000991	0.000991	0.048	0.048
1564 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
5837 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5832 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5216 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
1503 Prosp.A	Orizzontale	1	0.5	0.000948	0.000948	0.064	0.064
5533 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
4942 Prosp.A	Verticale	1	0.5	0.001009	0.001005	0.048	0.048
3739 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
4941 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5685 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
1442 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
1381 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
1320 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
1259 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
2541 Prosp.A	Orizzontale	1	0.5	0.001016	0.001016	0.064	0.064
1198 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
2602 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
1137 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
2663 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
1076 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
2724 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
3473 Prosp.A	Orizzontale	1	0.5	0.000971	0.000971	0.064	0.064
3470 Prosp.A	Orizzontale	1	0.5	0.000967	0.000967	0.064	0.064
3474 Prosp.A	Orizzontale	1	0.5	0.000974	0.000974	0.064	0.064
3469 Prosp.A	Orizzontale	1	0.5	0.000964	0.000964	0.064	0.064
3475 Prosp.A	Orizzontale	1	0.5	0.000978	0.000978	0.064	0.064
3464 Prosp.A	Orizzontale	1	0.5	0.00095	0.00095	0.064	0.064
3465 Prosp.A	Orizzontale	1	0.5	0.000953	0.000953	0.064	0.064
3476 Prosp.A	Orizzontale	1	0.5	0.000981	0.000981	0.064	0.064
3468 Prosp.A	Orizzontale	1	0.5	0.00096	0.00096	0.064	0.064
3466 Prosp.A	Orizzontale	1	0.5	0.000957	0.000957	0.064	0.064

Descrizione	Dir.	Base	Altezza	As,sup	As,inf	c,sup	c,inf
3463 Prosp.A	Orizzontale	1	0.5	0.000947	0.000947	0.064	0.064
3477 Prosp.A	Orizzontale	1	0.5	0.000942	0.000942	0.064	0.064
3462 Prosp.A	Orizzontale	1	0.5	0.000943	0.000943	0.064	0.064
3461 Prosp.A	Orizzontale	1	0.5	0.00094	0.00094	0.064	0.064
3479 Prosp.A	Orizzontale	1	0.5	0.000988	0.000988	0.064	0.064
2785 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
3459 Prosp.A	Orizzontale	1	0.5	0.000936	0.000936	0.064	0.064
3480 Prosp.A	Orizzontale	1	0.5	0.000986	0.000986	0.064	0.064
3481 Prosp.A	Orizzontale	1	0.5	0.000995	0.000995	0.064	0.064
3458 Prosp.A	Orizzontale	1	0.5	0.000892	0.000892	0.064	0.064
3482 Prosp.A	Orizzontale	1	0.5	0.000999	0.000999	0.064	0.064
3457 Prosp.A	Orizzontale	1	0.5	0.000929	0.000929	0.064	0.064
3483 Prosp.A	Orizzontale	1	0.5	0.001002	0.001002	0.064	0.064
3485 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
3454 Prosp.A	Orizzontale	1	0.5	0.000921	0.000921	0.064	0.064
2846 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
3486 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
3453 Prosp.A	Orizzontale	1	0.5	0.000922	0.000922	0.064	0.064
1015 Prosp.A	Orizzontale	1	0.5	0.001206	0.001005	0.0962	0.0654
4943 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
4940 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
4944 Prosp.A	Verticale	1	0.5	0.001005	0.001012	0.048	0.048
4669 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
4666 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
4939 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
4665 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
4391 Prosp.A	Verticale	1	0.5	0.000951	0.001005	0.048	0.048
4667 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
4664 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5704 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
4945 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048

Verifiche a flessione SLU D.M. 17-01-18 §4.1.2.3.4.2

La struttura è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione, per le combinazioni SLV, viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
5488 Prosp.A	Verticale	SLV 7	-24.4088	488.68	-31.507	630.79	1.2908	Si
6203 Prosp.A	Verticale	SLU 8	13.7397	185.45	17.8917	241.49	1.3022	Si
6198 Prosp.A	Verticale	SLU 8		188.94	16.4481	247.56	1.3102	Si
6208 Prosp.A	Verticale	SLU 8	14.3596	180.35	18.8916	237.27	1.3156	Si
5168 Prosp.A	Verticale	SLV 7	-24.3813	468.87	-32.536	625.7	1.3345	Si
6193 Prosp.A	Verticale	SLU 8	10.7838	191.07	14.4401	255.85	1.3391	Si
6213 Prosp.A	Verticale	SLU 8	14.537	174.05	19.5778	234.4	1.3468	Si
6218 Prosp.A	Verticale	SLU 8	14.3546	166.66	20.0324	232.58	1.3955	Si
5155 Prosp.A	Verticale	SLV 7	-26.4339	317.76	-37.0869	445.82	1.403	Si
6188 Prosp.A	Verticale	SLU 8	8.1208	190.88	11.4145	268.3	1.4056	Si
6178 Prosp.A	Verticale	SLU 8	-9.9036	183.44	-13.9219	257.86	1.4057	Si
6223 Prosp.A	Verticale	SLU 8	13.8956	158.44	19.7645	225.36	1.4224	Si
5870 Prosp.A	Verticale	SLU 8	26.3229	327.72	38.0374	473.56	1.445	Si
5865 Prosp.A	Verticale	SLU 8	27.4055	320.69	39.8402	466.2	1.4537	Si
5878 Prosp.A	Verticale	SLU 10	24.212	330.91	35.4256	484.17	1.4631	Si
5862 Prosp.A	Verticale	SLU 8	27.6732	311.05	41.0354	461.24	1.4829	Si
5883 Prosp.A	Verticale	SLU 8	20.7489	330.9	31.4266	501.19	1.5146	Si
5861 Prosp.A	Verticale	SLU 8	27.2828	299.33	41.7529	458.09	1.5304	Si
6228 Prosp.A	Verticale	SLV 7	10.8647	151.39	16.6644	232.21	1.5338	Si
5858 Prosp.A	Verticale	SLU 8	26.3823	285.96	41.0198	444.62	1.5548	Si
6233 Prosp.A	Verticale	SLV 7	10.294	143.05	16.6979	232.04	1.6221	Si
5169 Prosp.A	Verticale	SLV 7	-18.7319	389.2	-30.5801	635.38	1.6325	Si
5981 Prosp.A	Verticale	SLU 8	16.1825	319.41	26.4212	521.51	1.6327	Si
5857 Prosp.A	Verticale	SLV 7	20.484	279.98	33.8054	462.06	1.6503	Si
5489 Prosp.A	Verticale	SLV 7	-17.8129	362.54	-29.4662	599.71	1.6542	Si
6238 Prosp.A	Verticale	SLV 7	9.6046	141.59	15.9807	235.59	1.6639	Si
5473 Prosp.A	Verticale	SLV 11	-8.6924	143.07	-14.6995	241.94	1.6911	Si
6278 Prosp.A	Verticale	SLV 7	11.4382	128.07	19.4894	218.22	1.7039	Si
6283 Prosp.A	Verticale	SLV 7	11.709	126.59	19.9661	215.86	1.7052	Si
6243 Prosp.A	Verticale	SLV 7	8.8174	140.04	15.1061	239.92	1.7132	Si
6273 Prosp.A	Verticale	SLV 7	10.9168	129.43	18.7254	222.01	1.7153	Si
6288 Prosp.A	Verticale	SLV 7	11.8284	124.85	20.2961	214.23	1.7159	Si
6268 Prosp.A	Verticale	SLV 7	10.2138	130.76	17.7268	226.95	1.7356	Si
5856 Prosp.A	Verticale	SLV 7	19.394	265.96	33.7233	462.46	1.7388	Si
6293 Prosp.A	Verticale	SLV 7	11.7331	122.59	20.4371	213.53	1.7418	Si
6263 Prosp.A	Verticale	SLV 7	9.4938	132.13	16.679	232.13	1.7568	Si
4871 Prosp.A	Verticale	SLV 7	-24.4827	325.4	-43.1305	573.25	1.7617	Si
6248 Prosp.A	Verticale	SLV 7	7.9498	138.45	14.0707	245.05	1.7699	Si
5853 Prosp.A	Verticale	SLV 7	18.0762	264.71	32.1219	470.39	1.777	Si
6258 Prosp.A	Verticale	SLV 7	8.6843	133.57	15.4791	238.08	1.7824	Si
5169 Prosp.A	Verticale	SLV 11	12.3864	379.23	22.1204	677.25	1.7859	Si
6298 Prosp.A	Verticale	SLV 7	11.3754	119.58	20.3523	213.95	1.7892	Si
4866 Prosp.A	Verticale	SLV 7	-31.5183	282.65	-56.5282	506.93	1.7935	Si
6253 Prosp.A	Verticale	SLV 7	7.8018	135.07	14.1357	244.73	1.8118	Si
5850 Prosp.A	Verticale	SLV 7	16.5684	263.26	30.2021	479.9	1.8229	Si
6004 Prosp.A	Verticale	SLU 10	-17.5112	273.17	-31.9671	498.69	1.8255	Si
4875 Prosp.A	Verticale	SLV 7	-18.7747	321.66	-34.7171	594.8	1.8491	Si
6303 Prosp.A	Verticale	SLV 7	10.1175	118.85	18.8471	221.4	1.8628	Si
5473 Prosp.A	Verticale	SLV 7	5.1355	142.02	9.6523	266.92	1.8795	Si
5549 Prosp.A	Verticale	SLU 8	27.7163	287.18	54.3199	562.84	1.9599	Si
6308 Prosp.A	Verticale	SLV 7	9.2484	114.08	18.2064	224.57	1.9686	Si
5554 Prosp.A	Verticale	SLU 8	26.4911	288.89	52.3561	570.95	1.9764	Si
5557 Prosp.A	Verticale	SLU 10	24.1401	289.45	47.7844	572.97	1.9795	Si
5548 Prosp.A	Verticale	SLU 8	28.1895	280.54	55.888	556.19	1.9826	Si
5170 Prosp.A	Verticale	SLV 11	15.1748	321.45	30.1055	637.73	1.9839	Si
5566 Prosp.A	Verticale	SLU 10	20.1973	281.47	40.2567	561.02	1.9932	Si
2114 Prosp.A	Orizzontale	SLU 1	-101.0022	-70.18	-201.8649	-140.27	1.9986	Si
2175 Prosp.A	Orizzontale	SLU 1	-100.185	-66.26	-200.3391	-132.5	1.9997	Si
2052 Prosp.A	Orizzontale	SLU 1	-101.2779	-74.29	-203.6507	-149.38	2.0108	Si
2236 Prosp.A	Orizzontale	SLU 1	-98.8161	-62.46	-199.0438	-125.81	2.0143	Si
5490 Prosp.A	Verticale	SLV 11	12.2308	295.52	24.6835	596.39	2.0181	Si
4882 Prosp.A	Verticale	SLV 7	18.7968	272.58	38.157	553.34	2.03	Si
1991 Prosp.A	Orizzontale	SLU 1	-101.1396	-78.65	-205.6912	-159.95	2.0337	Si
5547 Prosp.A	Verticale	SLU 8	27.8949	271.19	56.7948	552.14	2.036	Si

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
6183 Prosp.A	Verticale	SLV 9	-3.2088	138.41	-6.5449	282.3	2.0397	Si
2297 Prosp.A	Orizzontale	SLU 1	-96.8775	-58.72	-197.9137	-119.97	2.0429	Si
4875 Prosp.A	Verticale	SLV 11	14.4246	313.3	29.4999	640.72	2.0451	Si
1930 Prosp.A	Orizzontale	SLU 1	-101.198	-83.32	-207.8816	-171.15	2.0542	Si
5171 Prosp.A	Verticale	SLV 7	19.5136	285.7	40.1581	587.96	2.058	Si
4878 Prosp.A	Verticale	SLV 7	16.4029	300.46	33.813	619.37	2.0614	Si
5155 Prosp.A	Verticale	SLV 7	10.2383	254.23	21.1339	524.79	2.0642	Si
1869 Prosp.A	Orizzontale	SLU 1	-101.4478	-88.36	-210.218	-183.1	2.0722	Si
2358 Prosp.A	Orizzontale	SLU 1	-94.3404	-55.01	-196.8822	-114.79	2.0869	Si
1808 Prosp.A	Orizzontale	SLU 1	-101.2852	-93.84	-212.9886	-197.33	2.1029	Si
5544 Prosp.A	Verticale	SLU 8	27.0128	260.04	57.186	550.5	2.117	Si
5541 Prosp.A	Verticale	SLV 7	19.7823	260.09	42.4698	558.38	2.1469	Si
6173 Prosp.A	Verticale	SLU 10	-12.4644	95.03	-26.7881	204.24	2.1492	Si
2419 Prosp.A	Orizzontale	SLU 1	-91.163	-51.28	-196.0195	-110.26	2.1502	Si
1747 Prosp.A	Orizzontale	SLU 1	-100.596	-99.8	-216.3401	-214.62	2.1506	Si
5491 Prosp.A	Verticale	SLV 7	18.9722	269.43	41.0802	583.4	2.1653	Si
4885 Prosp.A	Verticale	SLV 7	20.1355	247.75	43.7556	538.38	2.1731	Si
6313 Prosp.A	Verticale	SLV 7	8.7408	100.56	19.1244	220.03	2.188	Si
5847 Prosp.A	Verticale	SLV 7	14.9016	261.73	32.681	574	2.1931	Si
5172 Prosp.A	Verticale	SLV 7	20.2339	257.92	44.4568	566.68	2.1971	Si
5822 Prosp.A	Verticale	SLV 7	22.5987	244.22	49.9307	539.58	2.2095	Si
5820 Prosp.A	Verticale	SLV 7	22.894	242.17	50.6665	535.93	2.2131	Si
1686 Prosp.A	Orizzontale	SLU 1	-99.375	-106.28	-220.4403	-235.75	2.2183	Si
5825 Prosp.A	Verticale	SLV 7	21.8661	246.18	48.5393	546.48	2.2198	Si
5819 Prosp.A	Verticale	SLV 7	22.8012	239.9	50.8516	535.02	2.2302	Si
2480 Prosp.A	Orizzontale	SLU 1	-87.2889	-47.57	-195.2579	-106.42	2.2369	Si
5826 Prosp.A	Verticale	SLV 7	20.8428	248.16	46.6739	555.71	2.2393	Si
5221 Prosp.A	Verticale	SLU 8	28.2522	232.75	63.5455	523.51	2.2492	Si
5222 Prosp.A	Verticale	SLU 10	27.6656	234.49	62.359	528.55	2.254	Si
5492 Prosp.A	Verticale	SLV 7	19.7634	250.79	44.6003	565.97	2.2567	Si
5540 Prosp.A	Verticale	SLV 7	19.3782	252.68	43.7344	570.26	2.2569	Si
5818 Prosp.A	Verticale	SLV 7	21.6394	240.28	49.0071	544.16	2.2647	Si
5827 Prosp.A	Verticale	SLV 7	19.4659	250.24	44.1856	568.02	2.2699	Si
6318 Prosp.A	Verticale	SLV 7	-8.241	97.35	-18.7729	221.77	2.278	Si
5220 Prosp.A	Verticale	SLU 8	27.9989	227.35	64.1585	520.97	2.2915	Si
5493 Prosp.A	Verticale	SLV 7	20.8933	239.89	47.8794	549.74	2.2916	Si

Verifiche a flessione SLD Resistenza D.M. 17-01-18 §4.1.2.3.4.2

La struttura è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
6208 Prosp.A	Verticale	SLD 3	13.2981	130.87	21.2754	209.38	1.5999	Si
6203 Prosp.A	Verticale	SLD 3	12.663	133.36	20.3269	214.08	1.6052	Si
6213 Prosp.A	Verticale	SLD 3	13.6066	127.54	21.971	205.94	1.6147	Si
6198 Prosp.A	Verticale	SLD 3	11.6419	134.74	19.045	220.42	1.6359	Si
6218 Prosp.A	Verticale	SLD 3	13.6233	123.44	22.4612	203.51	1.6487	Si
6223 Prosp.A	Verticale	SLD 3	13.3911	118.73	22.1209	196.13	1.6519	Si
6193 Prosp.A	Verticale	SLD 1	10.3033	135.37	17.3973	228.58	1.6885	Si
6178 Prosp.A	Verticale	SLD 1	-11.1441	130.4	-18.8998	221.14	1.6959	Si
6188 Prosp.A	Verticale	SLD 1	9.014	136.17	15.6909	237.03	1.7407	Si
5865 Prosp.A	Verticale	SLD 3	25.0725	233.6	44.1154	411.02	1.7595	Si
6228 Prosp.A	Verticale	SLD 3	12.9445	114.59	22.7995	201.84	1.7613	Si
5862 Prosp.A	Verticale	SLD 3	25.6166	228.82	45.3369	404.97	1.7698	Si
5870 Prosp.A	Verticale	SLD 3	23.9324	236.57	42.4267	419.38	1.7728	Si
5858 Prosp.A	Verticale	SLD 3	25.1763	215.2	45.286	387.09	1.7988	Si
5861 Prosp.A	Verticale	SLD 3	25.6271	222.59	46.1573	400.91	1.8011	Si
5878 Prosp.A	Verticale	SLD 3	22.1115	237.08	40.1603	430.59	1.8163	Si
6233 Prosp.A	Verticale	SLD 3	12.3145	107.94	22.9456	201.12	1.8633	Si
5883 Prosp.A	Verticale	SLD 3	19.4606	236.04	36.8516	446.98	1.8936	Si
5857 Prosp.A	Verticale	SLD 3	24.324	208.84	46.4975	399.22	1.9116	Si
6238 Prosp.A	Verticale	SLD 7	8.8004	116.47	17.3056	229.03	1.9665	Si
6183 Prosp.A	Verticale	SLD 9	-3.9471	140.29	-7.7719	276.23	1.969	Si
5981 Prosp.A	Verticale	SLD 3	17.6125	232.07	34.7222	457.52	1.9715	Si
5856 Prosp.A	Verticale	SLD 3	23.1244	197.75	46.6152	398.64	2.0158	Si
6243 Prosp.A	Verticale	SLD 7	8.0501	112.2	16.6615	232.22	2.0697	Si
5853 Prosp.A	Verticale	SLD 7	16.6083	215.79	35.0773	455.76	2.112	Si
6004 Prosp.A	Verticale	SLD 1	-20.2355	193.46	-43.3752	414.68	2.1435	Si
6248 Prosp.A	Verticale	SLD 7	7.2397	107.82	15.859	236.19	2.1906	Si
5850 Prosp.A	Verticale	SLD 7	15.1694	209.11	33.5943	463.1	2.2146	Si
6253 Prosp.A	Verticale	SLD 7	6.7935	103.4	15.6025	237.47	2.2967	Si
6258 Prosp.A	Verticale	SLD 7	7.5876	98.96	17.4908	228.12	2.3052	Si
6263 Prosp.A	Verticale	SLD 7	8.3595	94.54	19.3544	218.89	2.3153	Si
6268 Prosp.A	Verticale	SLD 7	9.0219	90.18	21.0562	210.47	2.3339	Si
6273 Prosp.A	Verticale	SLD 7	9.6152	85.87	22.6707	202.47	2.3578	Si
5548 Prosp.A	Verticale	SLD 3	25.1376	206.32	59.7921	490.76	2.3786	Si
5549 Prosp.A	Verticale	SLD 3	24.4781	209.28	58.279	498.26	2.3809	Si
6278 Prosp.A	Verticale	SLD 7	10.0608	81.64	24.0874	195.46	2.3942	Si
5990 Prosp.A	Verticale	SLD 9	-7.1552	226.37	-17.2031	544.25	2.4043	Si
5566 Prosp.A	Verticale	SLD 3	19.8189	201.2	47.7317	484.58	2.4084	Si
5547 Prosp.A	Verticale	SLD 3	25.2312	201.49	60.8196	485.68	2.4105	Si
6173 Prosp.A	Verticale	SLD 1	-12.8674	67.3	-31.0305	162.31	2.4116	Si
2114 Prosp.A	Orizzontale	SLD 3	-77.3921	-60.36	-186.759	-145.67	2.4132	Si
2052 Prosp.A	Orizzontale	SLD 3	-77.6969	-62.68	-187.9099	-151.59	2.4185	Si
5554 Prosp.A	Verticale	SLD 3	23.2025	209.74	56.2378	508.36	2.4238	Si
2175 Prosp.A	Orizzontale	SLD 3	-76.4995	-58.25	-185.9589	-141.59	2.4309	Si
5557 Prosp.A	Verticale	SLD 3	21.5682	208.48	52.5403	507.86	2.436	Si
6283 Prosp.A	Verticale	SLD 7	10.3862	77.46	25.3624	189.15	2.4419	Si
1991 Prosp.A	Orizzontale	SLD 3	-77.5597	-65.22	-189.404	-159.28	2.442	Si
1930 Prosp.A	Orizzontale	SLD 3	-77.5884	-68.05	-191.0041	-167.53	2.4618	Si
5544 Prosp.A	Verticale	SLD 3	24.8336	195.38	61.3791	482.91	2.4716	Si
2236 Prosp.A	Orizzontale	SLD 3	-75.0169	-56.26	-185.4824	-139.12	2.4725	Si
1869 Prosp.A	Orizzontale	SLD 3	-77.7396	-71.21	-192.7485	-176.56	2.4794	Si
5541 Prosp.A	Verticale	SLD 3	24.017	189.23	59.9105	472.04	2.4945	Si
5168 Prosp.A	Verticale	SLD 7	-25.4904	188.54	-63.7213	471.31	2.4998	Si
6288 Prosp.A	Verticale	SLD 7	10.4895	73.32	26.3567	184.22	2.5127	Si
1808 Prosp.A	Orizzontale	SLD 3	-77.4136	-74.73	-194.9975	-188.23	2.5189	Si
2297 Prosp.A	Orizzontale	SLD 3	-72.9423	-54.42	-185.3159	-138.25	2.5406	Si
1747 Prosp.A	Orizzontale	SLD 3	-76.5143	-78.63	-197.9254	-203.4	2.5868	Si
5488 Prosp.A	Verticale	SLD 7	-23.539	186.09	-61.1981	483.8	2.5999	Si
6293 Prosp.A	Verticale	SLD 7	10.3673	69.15	27.0825	180.63	2.6123	Si

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
2358 Prosp.A	Orizzontale	SLD 3	-70.272	-52.88	-185.5895	-139.67	2.641	Si
5540 Prosp.A	Verticale	SLD 7	18.0741	207.35	47.9072	549.6	2.6506	Si
5155 Prosp.A	Verticale	SLD 7	-21.5689	130.61	-57.1932	346.33	2.6517	Si
1686 Prosp.A	Orizzontale	SLD 3	-75.0445	-82.94	-201.6542	-222.87	2.6871	Si
5221 Prosp.A	Verticale	SLD 3	24.1176	171.97	65.1245	464.36	2.7003	Si
5220 Prosp.A	Verticale	SLD 3	24.2477	169.61	65.8624	460.71	2.7162	Si
5847 Prosp.A	Verticale	SLD 7	13.6109	202.18	37.1521	551.87	2.7296	Si
5222 Prosp.A	Verticale	SLD 3	23.4602	171.7	64.1247	469.32	2.7333	Si
6298 Prosp.A	Verticale	SLD 7	9.9565	64.91	27.4361	178.88	2.7556	Si
5219 Prosp.A	Verticale	SLD 3	23.9037	165.76	66.1987	459.05	2.7694	Si
2419 Prosp.A	Orizzontale	SLD 3	-67.0001	-51.47	-186.2572	-143.07	2.78	Si
5227 Prosp.A	Verticale	SLD 3	22.2681	170.93	62.3106	478.29	2.7982	Si
5539 Prosp.A	Verticale	SLD 7	16.7609	196.3	47.2185	553.01	2.8172	Si
1625 Prosp.A	Orizzontale	SLD 3	-73.0085	-87.67	-206.445	-247.9	2.8277	Si
5218 Prosp.A	Verticale	SLD 3	23.1528	160.98	66.0953	459.57	2.8547	Si
5667 Prosp.A	Verticale	SLD 3	18.5998	182.71	53.2539	523.13	2.8631	Si
5217 Prosp.A	Verticale	SLD 7	17.8938	181.48	51.529	522.61	2.8797	Si
5349 Prosp.A	Verticale	SLD 3	-28.5348	132	-82.731	382.72	2.8993	Si
5228 Prosp.A	Verticale	SLD 3	21.2769	164.13	62.1229	479.23	2.9197	Si
4871 Prosp.A	Verticale	SLD 7	-25.2259	144.67	-73.7108	422.73	2.922	Si
5536 Prosp.A	Verticale	SLD 7	15.2996	190.56	45.2022	562.99	2.9545	Si
2480 Prosp.A	Orizzontale	SLD 3	-63.1184	-49.96	-187.2499	-148.2	2.9666	Si
6303 Prosp.A	Verticale	SLD 7	9.2084	60.45	27.3309	179.41	2.968	Si
4866 Prosp.A	Verticale	SLD 7	-27.6346	128.75	-82.4325	384.06	2.9829	Si
4949 Prosp.A	Verticale	SLD 3	-29.1143	121.96	-86.9235	364.12	2.9856	Si
6019 Prosp.A	Verticale	SLD 1	-21.7981	103.64	-65.2821	310.37	2.9949	Si
5842 Prosp.A	Verticale	SLD 7	12.7756	195.09	38.3481	585.59	3.0017	Si
1564 Prosp.A	Orizzontale	SLD 3	-70.4106	-92.83	-212.5954	-280.3	3.0194	Si
5837 Prosp.A	Verticale	SLD 7	14.3919	187.32	43.7921	569.97	3.0428	Si
5832 Prosp.A	Verticale	SLD 7	15.9307	179.36	48.5381	546.47	3.0468	Si
5827 Prosp.A	Verticale	SLD 7	17.3084	171.51	52.9454	524.66	3.0589	Si
5216 Prosp.A	Verticale	SLD 7	16.6051	174.42	50.909	534.74	3.0659	Si
5826 Prosp.A	Verticale	SLD 7	18.5744	163.82	57.1344	503.91	3.076	Si
5825 Prosp.A	Verticale	SLD 7	19.5684	156.3	60.8097	485.72	3.1076	Si
1503 Prosp.A	Orizzontale	SLD 3	-67.2537	-98.45	-209.0991	-306.11	3.1091	Si
5533 Prosp.A	Verticale	SLD 7	13.7273	184.59	42.7647	575.06	3.1153	Si
4942 Prosp.A	Verticale	SLD 3	23.2065	137.97	72.4751	430.87	3.1231	Si
3739 Prosp.A	Verticale	SLD 11	-10.6168	198.83	-33.2276	622.27	3.1297	Si
5169 Prosp.A	Verticale	SLD 7	-18.3157	160.7	-57.3261	502.98	3.1299	Si
4941 Prosp.A	Verticale	SLD 3	23.2288	136.47	72.7173	427.22	3.1305	Si
5685 Prosp.A	Verticale	SLD 3	-21.3998	145.35	-67.0011	455.07	3.1309	Si

Verifiche a taglio SLU D.M. 17-01-18 §4.1.2.3.5

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
5155 Prosp.A	Verticale	0.452	0.961	Non necessaria	0	SLV 7	115.66	348.63	6.6672	176.1	1109.68	97.33	176.1	2.5	0.0008042	1.5225	Si
5488 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 1	-112.73	-229.86	-29.175	214.39	1186.83	101.27	214.39	2.5	0.0010053	1.9019	Si
3465 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	91.32	-73.89	-56.5646	188.33	1123.72	0	188.33	2.5	0.0009535	2.0624	Si
2052 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	91.31	-74.29	-101.2779	188.38	1123.77	0	188.38	2.5	0.0010053	2.0631	Si
3464 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	90.98	-70.09	-56.8417	187.83	1123.2	0	187.83	2.5	0.00095	2.0645	Si
2114 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	90.97	-70.18	-101.0022	187.84	1123.21	0	187.84	2.5	0.0010053	2.0648	Si
3466 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	91.46	-77.92	-55.9587	188.86	1124.26	0	188.86	2.5	0.0009569	2.0649	Si
1991 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	91.46	-78.65	-101.1396	188.95	1124.36	0	188.95	2.5	0.0010053	2.066	Si
2175 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	90.43	-66.26	-100.185	187.33	1122.68	0	187.33	2.5	0.0010053	2.0715	Si
3463 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	90.44	-66.45	-56.6819	187.36	1122.71	0	187.36	2.5	0.0009465	2.0715	Si
3468 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	91.42	-82.22	-55.849	189.42	1124.84	0	189.42	2.5	0.0009604	2.072	Si
1930 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	91.42	-83.32	-101.198	189.56	1124.99	0	189.56	2.5	0.0010053	2.0735	Si
2236 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	89.66	-62.46	-98.8161	186.83	1122.17	0	186.83	2.5	0.0010053	2.0837	Si
3469 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	91.2	-86.88	-56.2593	190.03	1125.47	0	190.03	2.5	0.0009639	2.0837	Si
3462 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	89.68	-62.88	-56.0867	186.89	1122.23	0	186.89	2.5	0.0009431	2.084	Si
1869 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	91.2	-88.36	-101.4478	190.22	1125.67	0	190.22	2.5	0.0010053	2.0858	Si
3470 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	90.78	-91.96	-56.3735	190.69	1126.16	0	190.69	2.5	0.0009674	2.1006	Si
2297 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	88.63	-58.72	-96.8775	186.35	1121.66	0	186.35	2.5	0.0010053	2.1025	Si
3461 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	88.65	-59.35	-55.0553	186.43	1121.75	0	186.43	2.5	0.0009396	2.103	Si
1808 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	90.79	-93.84	-101.2852	190.94	1126.41	0	190.94	2.5	0.0010053	2.1031	Si
3473 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	90.16	-97.5	-56.0748	191.42	1126.91	0	191.42	2.5	0.0009708	2.123	Si
1747 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	90.17	-99.8	-100.596	191.72	1127.22	0	191.72	2.5	0.0010053	2.1261	Si
2358 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	87.29	-55.01	-94.3404	185.86	1121.16	0	185.86	2.5	0.0010053	2.1293	Si
3459 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	87.31	-55.8	-53.5833	185.96	1121.27	0	185.96	2.5	0.0009361	2.13	Si
3474 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	89.32	-103.55	-55.3724	192.21	1127.73	0	192.21	2.5	0.0009743	2.152	Si
1686 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	89.33	-106.28	-99.375	192.57	1128.1	0	192.57	2.5	0.0010053	2.1557	Si
2419 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	85.56	-51.28	-91.163	185.37	1120.66	0	185.37	2.5	0.0010053	2.1667	Si
3458 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	85.58	-52.24	-51.6613	185.5	1120.78	0	185.5	2.5	0.0008924	2.1675	Si

Vano di equalizzazione e sedimentazione meccanica

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
3475 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	88.21	-110.17	-54.2759	193.07	1128.62	0	193.07	2.5	0.0009778	2.1888	Si
5473 Prosp.A	Verticale	0.452	0.5	Non necessaria	0	SLV 7	41.83	186.37	4.3337	91.61	577.29	50.63	91.61	2.5	0.0004021	2.1903	Si
1625 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	88.23	-113.32	-97.6108	193.49	1129.05	0	193.49	2.5	0.0010053	2.1931	Si
2480 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	83.35	-47.57	-87.2889	184.89	1120.15	0	184.89	2.5	0.0010053	2.2183	Si
3457 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	83.37	-48.71	-49.2725	185.04	1120.31	0	185.04	2.5	0.0009292	2.2194	Si
3476 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	86.79	-117.42	-52.7956	194.02	1129.6	0	194.02	2.5	0.0009813	2.2355	Si
1564 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	86.81	-120.96	-95.2836	194.49	1130.08	0	194.49	2.5	0.0010053	2.2404	Si
2541 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	80.54	-43.98	-82.6497	184.42	1119.67	0	184.42	2.5	0.001016	2.2897	Si
3454 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	80.57	-45.42	-46.3901	184.61	1119.86	0	184.61	2.5	0.0009208	2.2912	Si
3477 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	84.99	-125.39	-50.9416	195.07	1130.68	0	195.07	2.5	0.0009422	2.2952	Si
1503 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	85.01	-129.26	-92.3618	195.57	1131.21	0	195.57	2.5	0.0009482	2.3005	Si
5168 Prosp.A	Orizzontale	0.435	1	Non necessaria	0	SLV 9	-85.41	-164.58	-4.8955	199.72	1132.32	0	199.72	2.5	0.0010053	2.3385	Si
3479 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	82.7	-134.3	-48.7239	196.23	1131.89	0	196.23	2.5	0.0009882	2.3729	Si
1442 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	82.72	-138.38	-88.7954	196.77	1132.44	0	196.77	2.5	0.0010053	2.3786	Si
2602 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 15	77.47	-47.01	-54.9998	184.81	1120.08	0	184.81	2.5	0.0010053	2.3855	Si
3453 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 15	77.49	-47.56	-18.0067	184.89	1120.15	0	184.89	2.5	0.0009222	2.386	Si
3480 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 15	78.22	-105.09	-17.4014	192.41	1127.94	0	192.41	2.5	0.0009864	2.4599	Si
1381 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 15	78.23	-107.54	-57.5218	192.73	1128.27	0	192.73	2.5	0.0010053	2.4637	Si
2663 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 15	74.61	-46.1	-53.3817	184.69	1119.96	0	184.69	2.5	0.0010053	2.4753	Si
3452 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 15	74.64	-46.86	-17.8546	184.79	1120.06	0	184.79	2.5	0.0009187	2.4759	Si
3481 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 15	75.66	-113.9	-17.7108	193.56	1129.13	0	193.56	2.5	0.0009952	2.5584	Si
1320 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 15	75.67	-116.12	-56.4424	193.85	1129.43	0	193.85	2.5	0.0010053	2.5617	Si
2724 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 15	70.3	-44.93	-50.9684	184.54	1119.8	0	184.54	2.5	0.0010053	2.6251	Si
3451 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 15	70.33	-46.32	-17.3785	184.72	1119.98	0	184.72	2.5	0.0009153	2.6265	Si
5758 Prosp.A	Orizzontale	0.434	0.5	Non necessaria	0	SLV 3	35.08	-24.78	-26.9216	92.22	557.2	0	92.22	2.5	0.0006032	2.6291	Si
3482 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 15	71.56	-125.35	-17.9588	195.06	1130.68	0	195.06	2.5	0.0009986	2.7258	Si
1259 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 15	71.58	-126.99	-54.4827	195.28	1130.9	0	195.28	2.5	0.0010053	2.7279	Si
3730 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	65.35	-65.81	-25.2779	187.27	1122.62	0	187.27	2.5	0.0010053	2.8656	Si
3731 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	65.42	-69.27	-24.1597	187.72	1123.09	0	187.72	2.5	0.0010053	2.8697	Si
3729 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	65.1	-62.5	-26.1716	186.84	1122.17	0	186.84	2.5	0.0010053	2.8702	Si
2785 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 15	64.2	-44.27	-47.6031	184.45	1119.71	0	184.45	2.5	0.0010053	2.8732	Si
3450 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 15	64.24	-46.87	-16.5167	184.79	1120.06	0	184.79	2.5	0.0009118	2.8766	Si
3734 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	65.29	-72.95	-23.9119	188.21	1123.59	0	188.21	2.5	0.0010053	2.8825	Si
3728 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	64.63	-59.27	-26.7323	186.42	1121.74	0	186.42	2.5	0.0010053	2.8843	Si
5168 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLU 10	-68.92	-120.17	-37.9344	199.52	1171.44	101.27	199.52	2.5	0.0010053	2.8951	Si
3735 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	64.98	-76.93	-24.6465	188.73	1124.13	0	188.73	2.5	0.0010053	2.9042	Si
3727 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	63.94	-56.03	-26.9717	185.99	1121.3	0	185.99	2.5	0.0010053	2.909	Si
3736 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	64.48	-81.26	-25.277	189.29	1124.71	0	189.29	2.5	0.0010053	2.9355	Si
3726 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	62.98	-52.72	-26.9044	185.56	1120.85	0	185.56	2.5	0.0010053	2.9465	Si
6328 Prosp.A	Verticale	0.452	0.5	Non necessaria	0	SLV 5	30.99	27.24	-17.4718	91.61	577.29	50.63	91.61	2.5	0.0004021	2.9563	Si
3737 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	63.78	-86.03	-25.6062	189.92	1125.36	0	189.92	2.5	0.0010053	2.9778	Si
3725 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	61.7	-49.3	-26.5467	185.11	1120.39	0	185.11	2.5	0.0010053	3	Si
6047 Prosp.A	Orizzontale	0.434	0.5	Non necessaria	0	SLV 3	32.02	-55.71	-11.9335	96.25	561.36	0	96.25	2.5	0.0006032	3.006	Si
3483 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 15	65.13	-140.89	-18.0885	197.09	1132.78	0	197.09	2.5	0.0010021	3.0261	Si
1198 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 15	65.16	-142.53	-51.2176	197.31	1133	0	197.31	2.5	0.0010053	3.028	Si
3738 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	62.84	-91.28	-25.656	190.6	1126.07	0	190.6	2.5	0.0010053	3.0331	Si
3723 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	60.06	-45.78	-25.9145	184.65	1119.91	0	184.65	2.5	0.0009619	3.0747	Si
3740 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	61.64	-97.1	-25.454	191.37	1126.86	0	191.37	2.5	0.0010053	3.1044	Si
5777 Prosp.A	Orizzontale	0.434	0.5	Non necessaria	0	SLV 5	33.48	-131.33	-13.7471	106.08	571.54	0	106.08	2.5	0.0006032	3.1684	Si
3722 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	57.95	-42.31	-25.0183	184.2	1119.44	0	184.2	2.5	0.0010053	3.1783	Si
3741 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	60.13	-103.6	-25.0362	192.21	1127.73	0	192.21	2.5	0.0010053	3.1964	Si

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
2846 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 15	56.38	-46.47	-43.1309	184.74	1120	0	184.74	2.5	0.0010053	3.2765	Si
3448 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 15	56.43	-48.36	-15.3054	184.99	1120.26	0	184.99	2.5	0.0009083	3.2781	Si
3742 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	58.25	-110.96	-24.4478	193.18	1128.73	0	193.18	2.5	0.0009619	3.3166	Si
3721 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	55.32	-39.21	-23.8523	183.79	1119.02	0	183.79	2.5	0.001	3.3226	Si
3743 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	55.88	-119.54	-23.7455	194.3	1129.89	0	194.3	2.5	0.0010053	3.477	Si
3720 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	52.07	-37.14	-22.376	183.52	1118.74	0	183.52	2.5	0.0010053	3.5245	Si
3485 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 15	55.34	-162.1	-18.0101	199.87	1135.65	0	199.87	2.5	0.0010053	3.6118	Si
1137 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 15	55.38	-164.18	-46.0587	200.14	1135.93	0	200.14	2.5	0.0010053	3.6139	Si
2907 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 15	51.17	-50.4	-37.3604	185.26	1120.54	0	185.26	2.5	0.0010053	3.6205	Si
3447 Prosp.A	Orizzontale	0.435	1	Non necessaria	0	SLV 15	51.21	-55.46	-13.9127	185.49	1117.61	0	185.49	2.5	0.0009048	3.6219	Si
3744 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	52.91	-129.93	-22.9979	195.66	1131.3	0	195.66	2.5	0.001	3.6981	Si
3719 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 15	49.11	-43.88	19.9915	184.4	1119.65	0	184.4	2.5	0.0010053	3.7551	Si
5808 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLV 5	49.53	-31.5	-26.7582	187.49	1159.01	101.27	187.49	2.5	0.0010053	3.7858	Si
5488 Prosp.A	Orizzontale	0.435	1	Non necessaria	0	SLV 5	49.4	-100.46	-4.3919	191.36	1123.67	0	191.36	2.5	0.0010053	3.8733	Si
5158 Prosp.A	Verticale	0.452	0.951	Non necessaria	0	SLV 7	44.41	211.33	1.1831	174.18	1097.6	96.27	174.18	2.5	0.0008042	3.9216	Si
3745 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	49.15	-143.06	-22.2829	197.38	1133.07	0	197.38	2.5	0.0010053	4.0159	Si
4315 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLV 15	-45.56	67.74	-12.5233	183.22	1154.59	101.27	183.22	2.5	0.0010053	4.0214	Si
3739 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLV 15	-45.54	173.41	-13.5386	183.22	1154.59	101.27	183.22	2.5	0.0010053	4.0237	Si
3716 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 15	45.69	-43.5	21.9894	184.35	1119.6	0	184.35	2.5	0.0010053	4.0345	Si
5155 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 10	-44.96	-110.05	-6.5085	193.06	1128.61	0	193.06	2.5	0.0010053	4.2938	Si
6173 Prosp.A	Verticale	0.452	0.5	Non necessaria	0	SLV 3	-25.08	-129.06	-9.4569	109.11	595.4	50.63	109.11	2.5	0.0004021	4.3505	Si

Verifiche a taglio SLD Resistenza D.M. 17-01-18 §4.1.2.3.5

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
5488 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 5	-101.78	-364.03	-21.5292	232.58	1205.65	101.27	232.58	2.5	0.0010053	2.2851	Si
3463 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	67.82	-56.82	-24.0385	186.1	1121.4	0	186.1	2.5	0.0009465	2.7441	Si
3464 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	67.9	-58.64	-23.9746	186.33	1121.65	0	186.33	2.5	0.00095	2.7443	Si
2175 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	67.81	-57.05	-57.3248	186.13	1121.44	0	186.13	2.5	0.0010053	2.7447	Si
2114 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	67.9	-59.04	-57.4972	186.39	1121.71	0	186.39	2.5	0.0010053	2.7451	Si
3465 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	67.94	-60.65	-23.8103	186.6	1121.92	0	186.6	2.5	0.0009535	2.7464	Si
3462 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	67.67	-55.15	-24.0052	185.88	1121.18	0	185.88	2.5	0.0009431	2.7468	Si
2236 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	67.67	-55.24	-57.0143	185.89	1121.19	0	185.89	2.5	0.0010053	2.7472	Si
2052 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	67.94	-61.22	-57.5409	186.67	1122	0	186.67	2.5	0.0010053	2.7476	Si
3466 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	67.96	-62.89	-23.5662	186.89	1122.23	0	186.89	2.5	0.0009569	2.7501	Si
1991 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	67.96	-63.67	-57.4995	186.99	1122.33	0	186.99	2.5	0.0010053	2.7517	Si
2297 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	67.42	-53.55	-56.5463	185.67	1120.96	0	185.67	2.5	0.0010053	2.7538	Si
3461 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	67.43	-53.75	-23.873	185.7	1120.99	0	185.7	2.5	0.0009396	2.7539	Si
3468 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	67.95	-65.42	-23.494	187.22	1122.57	0	187.22	2.5	0.0009604	2.7553	Si
1930 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	67.95	-66.42	-57.5755	187.35	1122.7	0	187.35	2.5	0.0010053	2.7573	Si
3469 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	67.92	-68.28	-23.6162	187.59	1122.96	0	187.59	2.5	0.0009639	2.7621	Si
1869 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	67.92	-69.52	-57.7595	187.76	1123.12	0	187.76	2.5	0.0010053	2.7644	Si
2358 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	67.04	-52.15	-55.8898	185.49	1120.77	0	185.49	2.5	0.0010053	2.7669	Si
3459 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	67.04	-52.52	-23.6346	185.53	1120.82	0	185.53	2.5	0.0009361	2.7674	Si
3470 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	67.86	-71.5	-23.6838	188.02	1123.39	0	188.02	2.5	0.0009674	2.7709	Si
1808 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	67.86	-72.99	-57.8503	188.21	1123.59	0	188.21	2.5	0.0010053	2.7737	Si
5155 Prosp.A	Verticale	0.452	0.961	Non necessaria	0	SLD 7	63.47	161.26	-4.2416	176.1	1109.68	97.33	176.1	2.5	0.0008042	2.7746	Si
3473 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	67.74	-75.12	-23.6597	188.49	1123.88	0	188.49	2.5	0.0009708	2.7824	Si
1747 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	67.75	-76.87	-57.8139	188.72	1124.12	0	188.72	2.5	0.0010053	2.7856	Si
2419 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	66.44	-50.9	-54.9995	185.32	1120.6	0	185.32	2.5	0.0010053	2.7893	Si
3458 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	66.45	-51.23	-23.2756	185.37	1120.65	0	185.37	2.5	0.0008924	2.7896	Si
3474 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	67.56	-79.17	-23.5497	189.02	1124.43	0	189.02	2.5	0.0009743	2.7979	Si
1686 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	67.56	-81.17	-57.64	189.28	1124.7	0	189.28	2.5	0.0010053	2.8016	Si

Vano di equalizzazione e sedimentazione meccanica

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
3475 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	67.26	-83.69	-23.357	189.61	1125.04	0	189.61	2.5	0.0009778	2.819	Si
1625 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	67.27	-85.93	-57.309	189.9	1125.34	0	189.9	2.5	0.0010053	2.8232	Si
2480 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	65.54	-49.53	-53.8137	185.14	1120.42	0	185.14	2.5	0.0010053	2.8248	Si
3457 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	65.55	-49.96	-22.7735	185.2	1120.48	0	185.2	2.5	0.0009292	2.8252	Si
3476 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	66.79	-88.7	-23.082	190.27	1125.72	0	190.27	2.5	0.0009813	2.8485	Si
1564 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	66.8	-91.17	-56.7899	190.59	1126.05	0	190.59	2.5	0.0010053	2.8531	Si
2541 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	64.22	-48.09	-52.2533	184.96	1120.22	0	184.96	2.5	0.001016	2.8799	Si
3454 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	64.24	-48.65	-22.0946	185.03	1120.3	0	185.03	2.5	0.0009208	2.8805	Si
3477 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	66.08	-94.27	-22.7228	190.99	1126.47	0	190.99	2.5	0.0009422	2.8902	Si
1503 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	66.09	-96.91	-56.0372	191.34	1126.83	0	191.34	2.5	0.0009482	2.895	Si
3479 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	65.01	-100.53	-22.275	191.81	1127.32	0	191.81	2.5	0.0009882	2.9504	Si
1442 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	65.02	-103.26	-54.9841	192.17	1127.69	0	192.17	2.5	0.0010053	2.9554	Si
2602 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	62.33	-46.79	-50.2258	184.78	1120.05	0	184.78	2.5	0.0010053	2.9648	Si
3453 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	62.34	-47.4	-21.1931	184.86	1120.13	0	184.86	2.5	0.0009222	2.9653	Si
5168 Prosp.A	Orizzontale	0.435	1	Non necessaria	0	SLD 9	-64.49	-109.82	-7.9649	192.58	1124.94	0	192.58	2.5	0.0010053	2.986	Si
3480 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	63.42	-107.77	-21.731	192.76	1128.3	0	192.76	2.5	0.0009864	3.0396	Si
1381 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	63.43	-110.41	-53.5362	193.11	1128.66	0	193.11	2.5	0.0010053	3.0444	Si
2663 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	59.67	-45.52	-47.6372	184.62	1119.88	0	184.62	2.5	0.0010053	3.0942	Si
3452 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	59.69	-46.5	-20.0132	184.75	1120.01	0	184.75	2.5	0.0009187	3.0952	Si
3481 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	61.04	-116.47	-21.0794	193.9	1129.48	0	193.9	2.5	0.0009952	3.1767	Si
1320 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	61.06	-118.89	-51.5557	194.22	1129.8	0	194.22	2.5	0.0010053	3.181	Si
2724 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	56.04	-44.33	-44.4155	184.46	1119.72	0	184.46	2.5	0.0010053	3.2915	Si
3451 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	56.07	-45.92	-18.5072	184.67	1119.93	0	184.67	2.5	0.0009153	3.2936	Si
3482 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	57.54	-127.76	-20.3017	195.37	1131	0	195.37	2.5	0.0009986	3.3956	Si
1259 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	57.56	-129.6	-48.8481	195.62	1131.25	0	195.62	2.5	0.0010053	3.3985	Si
5168 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 5	-60.39	-240.75	-17.7151	215.87	1188.36	101.27	215.87	2.5	0.0010053	3.5748	Si
2785 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	51.31	-43.56	-40.53	184.36	1119.61	0	184.36	2.5	0.0010053	3.5934	Si
5758 Prosp.A	Orizzontale	0.434	0.5	Non necessaria	0	SLD 3	25.72	-26.47	-19.4647	92.44	557.43	0	92.44	2.5	0.0006032	3.5935	Si
3450 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	51.34	-46.49	-16.6679	184.75	1120.01	0	184.75	2.5	0.0009118	3.5985	Si
5473 Prosp.A	Verticale	0.452	0.5	Non necessaria	0	SLD 7	24.51	88.19	-0.3402	91.61	577.29	50.63	91.61	2.5	0.0004021	3.7376	Si
3483 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	52.35	-143.12	-19.3671	197.39	1133.08	0	197.39	2.5	0.0010021	3.7702	Si
1198 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	52.38	-144.94	-45.1279	197.62	1133.33	0	197.62	2.5	0.0010053	3.7728	Si
6047 Prosp.A	Orizzontale	0.434	0.5	Non necessaria	0	SLD 3	24.6	-56.57	-8.4346	96.36	561.48	0	96.36	2.5	0.0006032	3.9175	Si
6328 Prosp.A	Verticale	0.452	0.5	Non necessaria	0	SLD 1	23.36	6.95	-16.2048	91.61	577.29	50.63	91.61	2.5	0.0004021	3.9212	Si
3728 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	46.38	-51.16	1.1191	185.36	1120.64	0	185.36	2.5	0.0010053	3.9966	Si
3729 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	46.41	-52.64	-0.6262	185.55	1120.84	0	185.55	2.5	0.0010053	3.9983	Si
3727 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	46.28	-49.76	2.6706	185.17	1120.45	0	185.17	2.5	0.0010053	4.001	Si
3730 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	46.39	-54.31	-0.9707	185.77	1121.07	0	185.77	2.5	0.0010053	4.0046	Si
3726 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	46.08	-48.4	3.7282	185	1120.27	0	185	2.5	0.0010053	4.0142	Si
3731 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	46.34	-56.18	-0.4822	186.01	1121.32	0	186.01	2.5	0.0010053	4.0143	Si
3734 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	46.26	-58.32	-0.2669	186.29	1121.61	0	186.29	2.5	0.0010053	4.0272	Si
3725 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	45.74	-47.26	4.982	184.85	1120.11	0	184.85	2.5	0.0010053	4.0409	Si
3735 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	46.15	-60.76	0.0573	186.61	1121.94	0	186.61	2.5	0.0010053	4.0436	Si
2846 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	45.52	-45.18	-35.9826	184.57	1119.83	0	184.57	2.5	0.0010053	4.0551	Si
3448 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	45.55	-48.12	-14.5911	184.96	1120.23	0	184.96	2.5	0.0009083	4.0604	Si
3736 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	46	-63.53	1.0817	186.97	1122.31	0	186.97	2.5	0.0010053	4.0643	Si
5777 Prosp.A	Orizzontale	0.434	0.5	Non necessaria	0	SLD 5	24.43	-81.2	-10.9556	99.56	564.79	0	99.56	2.5	0.0006032	4.0751	Si
3723 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	45.2	-46.21	6.445	184.71	1119.97	0	184.71	2.5	0.0009619	4.0866	Si
3737 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	45.8	-66.67	2.3037	187.39	1122.74	0	187.39	2.5	0.0010053	4.091	Si
3738 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	45.53	-70.24	3.4241	187.85	1123.22	0	187.85	2.5	0.0010053	4.1262	Si
3722 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	44.37	-45.09	8.1232	184.56	1119.82	0	184.56	2.5	0.0010053	4.1593	Si

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asi	c.s.	Verifica
3740 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	45.13	-74.28	4.7339	188.38	1123.77	0	188.38	2.5	0.0010053	4.1739	Si
3741 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	44.57	-78.85	6.2464	188.98	1124.39	0	188.98	2.5	0.0010053	4.2398	Si
3721 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	43.17	-44.03	10.0106	184.42	1119.68	0	184.42	2.5	0.001	4.2718	Si
3742 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	43.77	-84.09	7.9685	189.66	1125.09	0	189.66	2.5	0.0009619	4.3331	Si
3720 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	41.49	-43.18	12.0797	184.31	1119.56	0	184.31	2.5	0.0010053	4.4427	Si
3743 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	42.63	-90.21	9.8951	190.46	1125.92	0	190.46	2.5	0.0010053	4.4682	Si
3485 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	44.79	-164.35	-18.2216	200.16	1135.95	0	200.16	2.5	0.0010053	4.469	Si
1137 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	44.82	-166.58	-40.0063	200.45	1136.26	0	200.45	2.5	0.0010053	4.4721	Si
2907 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	40.72	-48.44	-30.7353	185	1120.27	0	185	2.5	0.0010053	4.543	Si
3447 Prosp.A	Orizzontale	0.435	1	Non necessaria	0	SLD 15	40.75	-54.62	-12.5019	185.38	1117.49	0	185.38	2.5	0.0009048	4.5489	Si
3744 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	41	-97.61	12	191.43	1126.92	0	191.43	2.5	0.001	4.6696	Si
3719 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	39.2	-42.72	14.2651	184.25	1119.5	0	184.25	2.5	0.0010053	4.7001	Si
3745 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	38.67	-106.87	14.218	192.64	1128.18	0	192.64	2.5	0.0010053	4.9812	Si
3716 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	36.21	-42.98	16.4296	184.29	1119.53	0	184.29	2.5	0.0010053	5.0897	Si
6173 Prosp.A	Verticale	0.452	0.5	Non necessaria	0	SLD 3	-21.3	-131.31	-7.1401	109.42	595.71	50.63	109.42	2.5	0.0004021	5.1368	Si
5155 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 11	-34.59	37.02	-1.564	178.66	1113.72	0	178.66	2.5	0.0010053	5.1655	Si
5488 Prosp.A	Orizzontale	0.435	1	Non necessaria	0	SLD 5	35.55	-65.27	-4.3227	186.77	1118.93	0	186.77	2.5	0.0010053	5.2543	Si
3746 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 15	35.39	-118.78	16.4195	194.2	1129.79	0	194.2	2.5	0.0010053	5.4874	Si
3739 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 15	-33.32	152.25	-10.7846	183.22	1154.59	101.27	183.22	2.5	0.0010053	5.4995	Si
5808 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 5	33.62	-13.34	-20.7219	185.03	1156.46	101.27	185.03	2.5	0.0010053	5.5043	Si
4315 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 15	-32.44	49.34	-10.0356	183.22	1154.59	101.27	183.22	2.5	0.0010053	5.6488	Si

Verifiche SLE tensione calcestruzzo D.M. 17-01-18 §4.1.2.2.5.1

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	oc	oc limite	Es/Ec	c.s.	Verifica
1808 Prosp.A	Orizzontale	SLE QP 4	-67.5582	-75.19	No	-1616	13073	15	8.0914	Si
1747 Prosp.A	Orizzontale	SLE QP 4	-67.0955	-79.14	No	-1613	13073	15	8.1047	Si
1869 Prosp.A	Orizzontale	SLE QP 4	-67.6702	-71.66	No	-1611	13073	15	8.1126	Si
1686 Prosp.A	Orizzontale	SLE QP 4	-66.2784	-83.5	No	-1603	13073	15	8.1532	Si
1930 Prosp.A	Orizzontale	SLE QP 4	-67.504	-68.49	No	-1602	13073	15	8.1613	Si
1991 Prosp.A	Orizzontale	SLE QP 4	-67.4617	-65.65	No	-1596	13073	15	8.1933	Si
2052 Prosp.A	Orizzontale	SLE QP 4	-67.554	-63.11	No	-1593	13073	15	8.2077	Si
1625 Prosp.A	Orizzontale	SLE QP 4	-65.0996	-88.32	No	-1587	13073	15	8.2386	Si
2114 Prosp.A	Orizzontale	SLE QP 4	-67.3742	-60.82	No	-1584	13073	15	8.2504	Si
2175 Prosp.A	Orizzontale	SLE QP 4	-66.8341	-58.73	No	-1569	13073	15	8.333	Si
1564 Prosp.A	Orizzontale	SLE QP 4	-63.5455	-93.61	No	-1563	13073	15	8.3647	Si
2236 Prosp.A	Orizzontale	SLE QP 4	-65.9274	-56.81	No	-1545	13073	15	8.4592	Si
1503 Prosp.A	Orizzontale	SLE QP 4	-61.5953	-99.41	No	-1539	13073	15	8.4953	Si
2297 Prosp.A	Orizzontale	SLE QP 4	-64.6423	-55.01	No	-1514	13073	15	8.6349	Si
1442 Prosp.A	Orizzontale	SLE QP 4	-59.2155	-105.8	No	-1491	13073	15	8.7656	Si
2358 Prosp.A	Orizzontale	SLE QP 4	-62.9604	-53.27	No	-1474	13073	15	8.869	Si
1381 Prosp.A	Orizzontale	SLE QP 4	-56.3567	-112.98	No	-1443	13073	15	9.0623	Si
2419 Prosp.A	Orizzontale	SLE QP 4	-60.8547	-51.57	No	-1425	13073	15	9.1749	Si
1320 Prosp.A	Orizzontale	SLE QP 4	-52.9453	-121.48	No	-1384	13073	15	9.4446	Si
2480 Prosp.A	Orizzontale	SLE QP 4	-58.2886	-49.86	No	-1366	13073	15	9.5726	Si
1259 Prosp.A	Orizzontale	SLE QP 4	-48.8777	-132.21	No	-1316	13073	15	9.9362	Si
2541 Prosp.A	Orizzontale	SLE QP 4	-55.2176	-48.14	No	-1294	13073	15	10.1012	Si
1198 Prosp.A	Orizzontale	SLE QP 4	-44.0015	-147.68	No	-1238	13073	15	10.5555	Si
1808 Prosp.A	Orizzontale	SLE RA 7	-67.5728	-77.73	No	-1621	17430	15	10.7545	Si
1747 Prosp.A	Orizzontale	SLE RA 7	-67.1086	-81.56	No	-1618	17430	15	10.7738	Si
2602 Prosp.A	Orizzontale	SLE QP 4	-51.5978	-46.48	No	-1213	13073	15	10.7745	Si
1869 Prosp.A	Orizzontale	SLE RA 7	-67.6865	-74.32	No	-1617	17430	15	10.7809	Si
1686 Prosp.A	Orizzontale	SLE RA 7	-66.2901	-85.83	No	-1608	17430	15	10.8395	Si
1930 Prosp.A	Orizzontale	SLE RA 7	-67.5206	-71.28	No	-1607	17430	15	10.8435	Si
1991 Prosp.A	Orizzontale	SLE RA 7	-67.4769	-68.59	No	-1601	17430	15	10.8843	Si
2052 Prosp.A	Orizzontale	SLE RA 7	-67.5693	-66.21	No	-1599	17430	15	10.9012	Si
1625 Prosp.A	Orizzontale	SLE RA 7	-65.1099	-90.56	No	-1591	17430	15	10.9541	Si
2114 Prosp.A	Orizzontale	SLE RA 7	-67.3914	-64.1	No	-1591	17430	15	10.9551	Si
2175 Prosp.A	Orizzontale	SLE RA 7	-66.8535	-62.21	No	-1576	17430	15	11.0615	Si
1564 Prosp.A	Orizzontale	SLE RA 7	-63.5547	-95.76	No	-1567	17430	15	11.1227	Si
2236 Prosp.A	Orizzontale	SLE RA 7	-65.9493	-60.49	No	-1553	17430	15	11.225	Si
1503 Prosp.A	Orizzontale	SLE RA 7	-61.6033	-101.48	No	-1543	17430	15	11.297	Si
1137 Prosp.A	Orizzontale	SLE QP 4	-38.1254	-169.79	No	-1152	13073	15	11.348	Si
2297 Prosp.A	Orizzontale	SLE RA 7	-64.6674	-58.92	No	-1522	17430	15	11.4532	Si
1442 Prosp.A	Orizzontale	SLE RA 7	-59.2225	-107.8	No	-1495	17430	15	11.6568	Si
2663 Prosp.A	Orizzontale	SLE QP 4	-47.4063	-44.9	No	-1119	13073	15	11.6839	Si
2358 Prosp.A	Orizzontale	SLE RA 7	-62.9897	-57.42	No	-1482	17430	15	11.7578	Si
1381 Prosp.A	Orizzontale	SLE RA 7	-56.3628	-114.91	No	-1446	17430	15	12.0515	Si
2419 Prosp.A	Orizzontale	SLE RA 7	-60.8894	-55.96	No	-1434	17430	15	12.1561	Si
1076 Prosp.A	Orizzontale	SLE QP 4	-30.8051	-201.53	No	-1052	13073	15	12.4247	Si
1320 Prosp.A	Orizzontale	SLE RA 7	-52.9505	-123.33	No	-1388	17430	15	12.5599	Si
2480 Prosp.A	Orizzontale	SLE RA 7	-58.3304	-54.5	No	-1375	17430	15	12.6739	Si
2724 Prosp.A	Orizzontale	SLE QP 4	-42.675	-43.76	No	-1013	13073	15	12.8985	Si
1259 Prosp.A	Orizzontale	SLE RA 7	-48.8821	-134	No	-1319	17430	15	13.2135	Si
2541 Prosp.A	Orizzontale	SLE RA 7	-55.2687	-52.98	No	-1304	17430	15	13.3625	Si
3473 Prosp.A	Orizzontale	SLE QP 4	-37.4128	-77.26	No	-965	13073	15	13.5506	Si
3470 Prosp.A	Orizzontale	SLE QP 4	-37.6148	-73.58	No	-962	13073	15	13.5822	Si
3474 Prosp.A	Orizzontale	SLE QP 4	-36.9418	-81.36	No	-962	13073	15	13.5905	Si
3469 Prosp.A	Orizzontale	SLE QP 4	-37.5418	-70.29	No	-955	13073	15	13.6892	Si
3475 Prosp.A	Orizzontale	SLE QP 4	-36.887	-78.2	No	-954	13073	15	13.6968	Si

Vano di equalizzazione e sedimentazione meccanica

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	oc	oc limite	Es/Ec	c.s.	Verifica
3464 Prosp.A	Orizzontale	SLE QP 4	-37.9243	-60.33	No	-946	13073	15	13.8241	Si
3465 Prosp.A	Orizzontale	SLE QP 4	-37.737	-62.43	No	-945	13073	15	13.8303	Si
3476 Prosp.A	Orizzontale	SLE QP 4	-36.0327	-83.04	No	-945	13073	15	13.8391	Si
3468 Prosp.A	Orizzontale	SLE QP 4	-37.2674	-67.36	No	-944	13073	15	13.8525	Si
3466 Prosp.A	Orizzontale	SLE QP 4	-37.3348	-64.76	No	-941	13073	15	13.8992	Si
3463 Prosp.A	Orizzontale	SLE QP 4	-37.8206	-58.42	No	-940	13073	15	13.9065	Si
3477 Prosp.A	Orizzontale	SLE QP 4	-34.9318	-88.51	No	-934	13073	15	13.9969	Si
1198 Prosp.A	Orizzontale	SLE RA 7	-44.0051	-149.42	No	-1242	17430	15	14.0361	Si
3462 Prosp.A	Orizzontale	SLE QP 4	-38.053	-50.81	No	-931	13073	15	14.0411	Si
2602 Prosp.A	Orizzontale	SLE RA 7	-51.6609	-51.47	No	-1224	17430	15	14.2394	Si
3461 Prosp.A	Orizzontale	SLE QP 4	-37.5002	-49.18	No	-916	13073	15	14.2702	Si
3479 Prosp.A	Orizzontale	SLE QP 4	-33.5913	-94.81	No	-913	13073	15	14.3193	Si
2785 Prosp.A	Orizzontale	SLE QP 4	-37.5219	-42.94	No	-900	13073	15	14.5325	Si
3459 Prosp.A	Orizzontale	SLE QP 4	-36.6558	-47.56	No	-895	13073	15	14.6103	Si
3480 Prosp.A	Orizzontale	SLE QP 4	-32.0164	-102.31	No	-893	13073	15	14.642	Si
3481 Prosp.A	Orizzontale	SLE QP 4	-30.208	-111.62	No	-870	13073	15	15.0215	Si
3458 Prosp.A	Orizzontale	SLE QP 4	-35.5141	-45.93	No	-870	13073	15	15.027	Si
1137 Prosp.A	Orizzontale	SLE RA 7	-38.1284	-171.55	No	-1155	17430	15	15.0863	Si
3482 Prosp.A	Orizzontale	SLE QP 4	-28.1613	-123.78	No	-848	13073	15	15.4106	Si
2663 Prosp.A	Orizzontale	SLE RA 7	-47.4838	-49.92	No	-1130	17430	15	15.4247	Si
3457 Prosp.A	Orizzontale	SLE QP 4	-34.064	-44.3	No	-832	13073	15	15.7087	Si
3483 Prosp.A	Orizzontale	SLE QP 4	-25.8627	-139.6	No	-828	13073	15	15.7936	Si
5168 Prosp.A	Verticale	SLE QP 1	-28.8482	-103.68	No	-815	13073	15	16.0444	Si
3485 Prosp.A	Orizzontale	SLE QP 4	-23.2687	-158.2	No	-806	13073	15	16.2187	Si
1076 Prosp.A	Orizzontale	SLE RA 7	-30.8074	-203.55	No	-1056	17430	15	16.5058	Si
3454 Prosp.A	Orizzontale	SLE QP 4	-32.2862	-42.76	No	-791	13073	15	16.5309	Si
2846 Prosp.A	Orizzontale	SLE QP 4	-32.1432	-44.05	No	-784	13073	15	16.6679	Si
2724 Prosp.A	Orizzontale	SLE RA 7	-42.7681	-48.65	No	-1025	17430	15	17.009	Si
3486 Prosp.A	Orizzontale	SLE QP 4	-18.5275	-186.9	No	-757	13073	15	17.2755	Si
5488 Prosp.A	Verticale	SLE QP 1	-21.6338	-150.13	No	-748	13073	15	17.4873	Si
3453 Prosp.A	Orizzontale	SLE QP 4	-30.1504	-41.48	No	-741	13073	15	17.6339	Si
3473 Prosp.A	Orizzontale	SLE RA 7	-37.4253	-79.69	No	-970	17430	15	17.9768	Si
3470 Prosp.A	Orizzontale	SLE RA 7	-37.6287	-76.11	No	-968	17430	15	18.0144	Si
3474 Prosp.A	Orizzontale	SLE RA 7	-36.953	-83.7	No	-967	17430	15	18.0332	Si
1015 Prosp.A	Orizzontale	SLE QP 4	-21.5147	-134.75	No	-723	13073	15	18.0882	Si
3469 Prosp.A	Orizzontale	SLE RA 7	-37.5572	-72.93	No	-960	17430	15	18.1509	Si
3475 Prosp.A	Orizzontale	SLE RA 7	-36.8974	-80.55	No	-959	17430	15	18.1733	Si
3464 Prosp.A	Orizzontale	SLE RA 7	-37.9372	-63.56	No	-952	17430	15	18.3084	Si
3465 Prosp.A	Orizzontale	SLE RA 7	-37.7487	-65.49	No	-951	17430	15	18.3232	Si
3468 Prosp.A	Orizzontale	SLE RA 7	-37.2824	-70.13	No	-949	17430	15	18.3618	Si
3476 Prosp.A	Orizzontale	SLE RA 7	-36.042	-85.34	No	-949	17430	15	18.3637	Si
3463 Prosp.A	Orizzontale	SLE RA 7	-37.8348	-61.83	No	-947	17430	15	18.4093	Si
3466 Prosp.A	Orizzontale	SLE RA 7	-37.3474	-67.66	No	-946	17430	15	18.4193	Si
6173 Prosp.A	Verticale	SLE QP 2	-5.3161	-124.81	No	-709	13073	15	18.4271	Si
3477 Prosp.A	Orizzontale	SLE RA 7	-34.9401	-90.76	No	-938	17430	15	18.5739	Si

Verifiche SLE tensione acciaio D.M. 17-01-18 §4.1.2.2.5.2

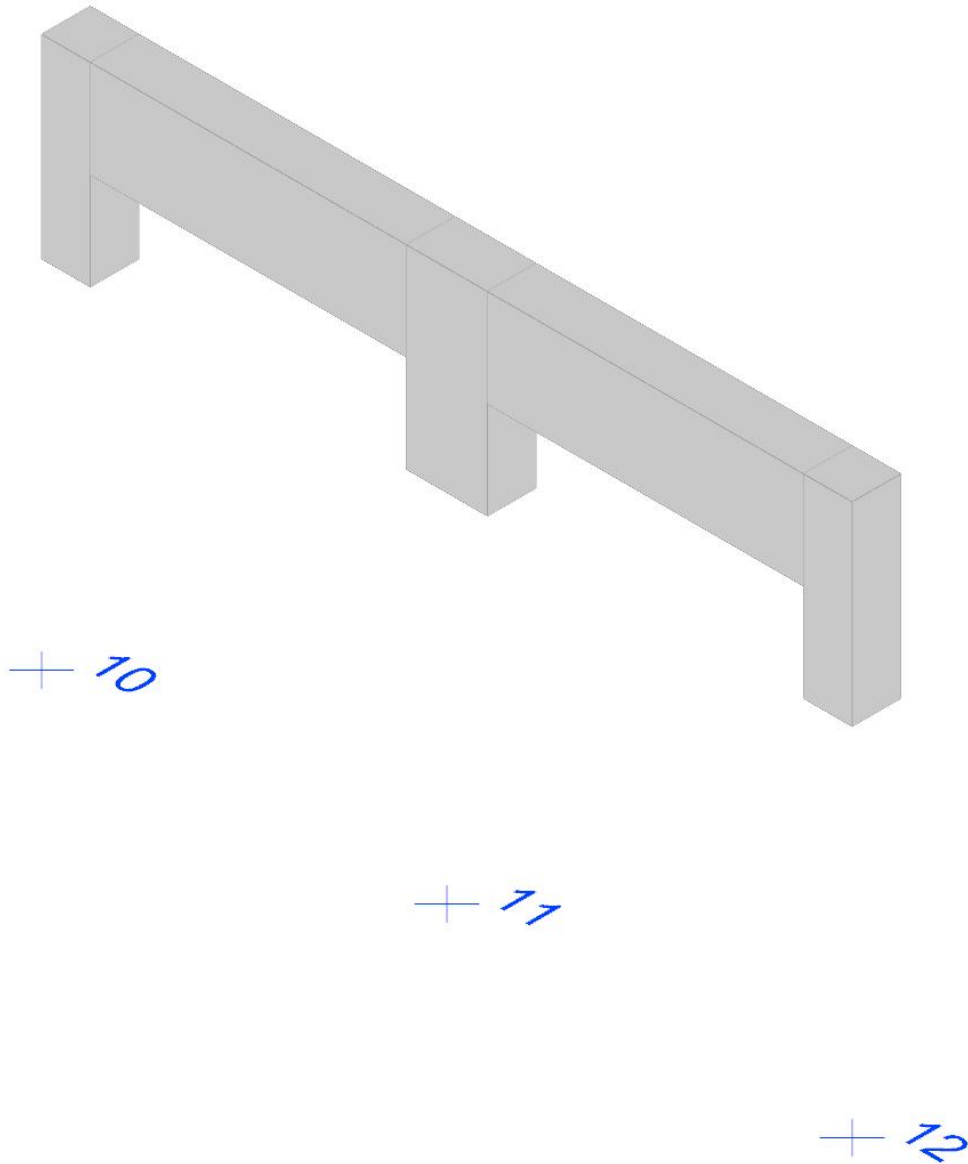
Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	of	of limite	Es/Ec	c.s.	Verifica
2114 Prosp.A	Orizzontale	SLE RA 1	-67.3393	-56.57	No	14793	360000	15	24.335	Si
2052 Prosp.A	Orizzontale	SLE RA 1	-67.5226	-59.28	No	14762	360000	15	24.3877	Si
2175 Prosp.A	Orizzontale	SLE RA 1	-66.795	-54.03	No	14733	360000	15	24.4351	Si
1991 Prosp.A	Orizzontale	SLE RA 1	-67.4303	-62.19	No	14657	360000	15	24.5624	Si
2236 Prosp.A	Orizzontale	SLE RA 1	-65.8831	-51.61	No	14579	360000	15	24.6924	Si
1930 Prosp.A	Orizzontale	SLE RA 1	-67.4695	-65.36	No	14576	360000	15	24.6975	Si
1869 Prosp.A	Orizzontale	SLE RA 1	-67.6359	-68.83	No	14519	360000	15	24.7956	Si
1808 Prosp.A	Orizzontale	SLE RA 1	-67.527	-72.64	No	14385	360000	15	25.0267	Si
2297 Prosp.A	Orizzontale	SLE RA 1	-64.5914	-49.26	No	14331	360000	15	25.1198	Si
1747 Prosp.A	Orizzontale	SLE RA 1	-67.0672	-76.81	No	14155	360000	15	25.4332	Si
2358 Prosp.A	Orizzontale	SLE RA 1	-62.9009	-46.95	No	13985	360000	15	25.7416	Si
1686 Prosp.A	Orizzontale	SLE RA 1	-66.2529	-81.37	No	13827	360000	15	26.0352	Si
2419 Prosp.A	Orizzontale	SLE RA 1	-60.7837	-44.64	No	13535	360000	15	26.5977	Si
1625 Prosp.A	Orizzontale	SLE RA 1	-65.0765	-86.34	No	13400	360000	15	26.865	Si
2480 Prosp.A	Orizzontale	SLE RA 1	-58.2022	-42.34	No	12972	360000	15	27.7528	Si
1564 Prosp.A	Orizzontale	SLE RA 1	-63.5247	-91.74	No	12870	360000	15	27.9726	Si
6208 Prosp.A	Verticale	SLE RA 8	9.5732	130.5	No	12558	360000	15	28.6673	Si
6203 Prosp.A	Verticale	SLE RA 8	9.1599	133.66	No	12519	360000	15	28.7555	Si
6213 Prosp.A	Verticale	SLE RA 8	9.6915	126.46	No	12390	360000	15	29.056	Si
1503 Prosp.A	Orizzontale	SLE RA 1	-61.5766	-97.6	No	12299	360000	15	29.2716	Si
2541 Prosp.A	Orizzontale	SLE RA 1	-55.1108	-40.07	No	12271	360000	15	29.3378	Si
6198 Prosp.A	Verticale	SLE RA 8	8.3692	135.67	No	12214	360000	15	29.4747	Si
6218 Prosp.A	Verticale	SLE RA 8	9.5699	121.64	No	12049	360000	15	29.8783	Si
5865 Prosp.A	Verticale	SLE RA 8	18.2706	231.87	No	11909	360000	15	30.2286	Si
5870 Prosp.A	Verticale	SLE RA 8	17.5488	236.04	No	11881	360000	15	30.3006	Si
5862 Prosp.A	Verticale	SLE RA 8	18.4492	225.81	No	11733	360000	15	30.6834	Si
6193 Prosp.A	Verticale	SLE RA 8	7.1892	136.7	No	11646	360000	15	30.9131	Si
6223 Prosp.A	Verticale	SLE RA 8	9.2639	116.19	No	11596	360000	15	31.044	Si
5878 Prosp.A	Verticale	SLE RA 8	16.1411	237.65	No	11586	360000	15	31.0725	Si
1442 Prosp.A	Orizzontale	SLE RA 1	-59.1988	-104.01	No	11469	360000	15	31.388	Si
2602 Prosp.A	Orizzontale	SLE RA 1	-51.465	-38	No	11454	360000	15	31.4295	Si
5861 Prosp.A	Verticale	SLE RA 8	18.1889	218.25	No	11393	360000	15	31.5975	Si
6228 Prosp.A	Verticale	SLE RA 8	8.8172	110.22	No	10995	360000	15	32.7407	Si
5883 Prosp.A	Verticale	SLE RA 8	13.984	235.85	No	10978	360000	15	32.7942	Si
6178 Prosp.A	Verticale	SLE RA 8	-6.6026	130.23	No	10963	360000	15	32.8369	Si
5858 Prosp.A	Verticale	SLE RA 8	17.5887	209.47	No	10950	360000	15	32.8769	Si
6188 Prosp.A	Verticale	SLE RA 8	5.4138	136.11	No	10668	360000	15	33.7454	Si
5549 Prosp.A	Verticale	SLE RA 8	18.4779	206.5	No	10650	360000	15	33.8041	Si
5548 Prosp.A	Verticale	SLE RA 8	18.7934	202.46	No	10617	360000	15	33.907	Si
1381 Prosp.A	Orizzontale	SLE RA 1	-56.3419	-111.16	No	10572	360000	15	34.0533	Si
2663 Prosp.A	Orizzontale	SLE RA 1	-47.2426	-36.24	No	10476	360000	15	34.3638	Si
5554 Prosp.A	Verticale	SLE RA 8	17.6611	207.5	No	10465	360000	15	34.3996	Si
5547 Prosp.A	Verticale	SLE RA 8	18.597	196.46	No	10396	360000	15	34.6271	Si
5857 Prosp.A	Verticale	SLE RA 8	16.7273	199.71	No	10368	360000	15	34.7225	Si
6233 Prosp.A	Verticale	SLE RA 8	8.2661	103.86	No	10339	360000	15	34.8207	Si
5557 Prosp.A	Verticale	SLE RA 10	16.0937	207.2	No	10069	360000	15	35.7545	Si
5544 Prosp.A	Verticale	SLE RA 8	18.009	189.15	No	10037	360000	15	35.868	Si
5981 Prosp.A	Verticale	SLE RA 10	10.788	227.8	No	9888	360000	15	36.408	Si
5856 Prosp.A	Verticale	SLE RA 8	15.6698	189.16	No	9735	360000	15	36.9781	Si
6238 Prosp.A	Verticale	SLE RA 7	7.6397	97.2	No	9624	360000	15	37.4059	Si

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	of	of limite	Es/Ec	c.s.	Verifica
5221 Prosp.A	Verticale	SLE RA 8	18.8352	166.9	No	9622	360000	15	37.4136	Si
5541 Prosp.A	Verticale	SLE RA 8	17.1285	180.91	No	9592	360000	15	37.5295	Si
5222 Prosp.A	Verticale	SLE RA 10	18.4441	167.58	No	9540	360000	15	37.7372	Si
1320 Prosp.A	Orizzontale	SLE RA 1	-52.9323	-119.56	No	9504	360000	15	37.8796	Si
5220 Prosp.A	Verticale	SLE RA 8	18.6664	163.6	No	9485	360000	15	37.9559	Si
2724 Prosp.A	Orizzontale	SLE RA 1	-42.4786	-35.28	No	9343	360000	15	38.5303	Si
5227 Prosp.A	Verticale	SLE RA 10	17.4021	167.36	No	9262	360000	15	38.8672	Si
5566 Prosp.A	Verticale	SLE RA 10	13.4652	200.84	No	9248	360000	15	38.9263	Si
6004 Prosp.A	Verticale	SLE RA 10	-11.6743	194.02	No	9237	360000	15	38.975	Si
5219 Prosp.A	Verticale	SLE RA 8	18.0836	158.73	No	9196	360000	15	39.1495	Si
5853 Prosp.A	Verticale	SLE RA 7	14.4685	178	No	9052	360000	15	39.7714	Si
5540 Prosp.A	Verticale	SLE RA 8	16.0337	171.96	No	9036	360000	15	39.8386	Si
6243 Prosp.A	Verticale	SLE RA 7	6.9585	90.4	No	8873	360000	15	40.5722	Si
5218 Prosp.A	Verticale	SLE RA 8	17.2002	152.92	No	8801	360000	15	40.9034	Si
4942 Prosp.A	Verticale	SLE RA 10	19.0127	131.69	No	8670	360000	15	41.5239	Si
5228 Prosp.A	Verticale	SLE RA 10	15.4639	161.39	No	8589	360000	15	41.9132	Si
4943 Prosp.A	Verticale	SLE RA 10	18.6027	132.24	No	8581	360000	15	41.9538	Si
4941 Prosp.A	Verticale	SLE RA 8	18.7852	129.24	No	8544	360000	15	42.137	Si
4949 Prosp.A	Verticale	SLE RA 3	-19.8214	118.72	No	8515	360000	15	42.2759	Si
5349 Prosp.A	Verticale	SLE RA 10	-18.2981	130.28	No	8446	360000	15	42.6218	Si
5539 Prosp.A	Verticale	SLE RA 8	14.7862	162.47	No	8443	360000	15	42.6371	Si
5217 Prosp.A	Verticale	SLE RA 8	16.1023	146.46	No	8341	360000	15	43.1616	Si
5850 Prosp.A	Verticale	SLE RA 7	13.16	166.47	No	8334	360000	15	43.198	Si
4940 Prosp.A	Verticale	SLE RA 8	18.1231	125.8	No	8274	360000	15	43.5095	Si
6173 Prosp.A	Verticale	SLE RA 10	-8.3092	67.37	No	8273	360000	15	43.5174	Si
4944 Prosp.A	Verticale	SLE RA 10	17.3729	132.07	No	8256	360000	15	43.6044	Si
1259 Prosp.A	Orizzontale	SLE RA 1	-48.8665	-130.13	No	8215	360000	15	43.8227	Si
4669 Prosp.A	Verticale	SLE RA 3	-19.2643	112.25	No	8187	360000	15	43.9701	Si
6248 Prosp.A	Verticale	SLE RA 7	6.2394	83.45	No	8093	360000	15	44.4836	Si
2785 Prosp.A	Orizzontale	SLE RA 1	-37.2977	-35.11	No	8087	360000	15	44.5167	Si
3463 Prosp.A	Orizzontale	SLE RA 1	-38.2897	-48.11	No	8006	360000	15	44.9673	Si
3462 Prosp.A	Orizzontale	SLE RA 1	-38.0237	-45.94	No	8005	360000	15	44.9705	Si
4666 Prosp.A	Verticale	SLE RA 10	18.6234	110.17	No	7962	360000	15	45.215	Si
3464 Prosp.A	Orizzontale	SLE RA 1	-38.2659	-50.35	No	7934	360000	15	45.3748	Si
3461 Prosp.A	Orizzontale	SLE RA 1	-37.4678	-43.76	No	7933	360000	15	45.3773	Si
4939 Prosp.A	Verticale	SLE RA 8	17.1663	121.75	No	7910	360000	15	45.51	Si
4665 Prosp.A	Verticale	SLE RA 10	19.1115	102.99	No	7886	360000	15	45.6523	Si
4391 Prosp.A	Verticale	SLE RA 3	-18.3284	108.74	No	7847	360000	15	45.8775	Si
5536 Prosp.A	Verticale	SLE RA 7	13.4347	152.67	No	7814	360000	15	46.0684	Si
5216 Prosp.A	Verticale	SLE RA 8	14.8547	139.54	No	7812	360000	15	46.081	Si
3459 Prosp.A	Orizzontale	SLE RA 1	-36.6195	-41.56	No	7791	360000	15	46.2075	Si
3465 Prosp.A	Orizzontale	SLE RA 1	-37.9509	-52.69	No	7788	360000	15	46.2262	Si
4667 Prosp.A	Verticale	SLE RA 2	16.7748	115.57	No	7634	360000	15	47.1581	Si
4664 Prosp.A	Verticale	SLE RA 10	18.7812	96.79	No	7624	360000	15	47.2174	Si
3458 Prosp.A	Orizzontale	SLE RA 1	-35.4729	-39.32	No	7606	360000	15	47.3331	Si
3466 Prosp.A	Orizzontale	SLE RA 1	-37.4286	-55.19	No	7587	360000	15	47.4523	Si
5704 Prosp.A	Verticale	SLE RA 10	-15.8109	122.52	No	7580	360000	15	47.4953	Si
6253 Prosp.A	Verticale	SLE RA 7	5.9774	76.4	No	7550	360000	15	47.6822	Si
4945 Prosp.A	Verticale	SLE RA 10	14.8524	129.7	No	7533	360000	15	47.7876	Si
6258 Prosp.A	Verticale	SLE RA 7	6.6764	69.29	No	7515	360000	15	47.905	Si

Parete FILI 10-12

Verifiche condotte secondo D.M. 17-01-18 (N.T.C.)

Geometria



Caratteristiche dei materiali

Acciaio: B450C Fyk 450000
 Calcestruzzo: C28/35 Rck 35000

Livelli significativi

Descrizione breve	Descrizione	Quota	Spessore
L4	Livello soletta paratoie	2.2	0
L5	Livello stramazzi	2.62	0
L6	Livello coronamento	3.4	0

Verifiche nei nodi

Sezioni rettangolari

Descrizione	Dir.	Base	Altezza	As,sup	As,inf	c,sup	c,inf
6071 Prosp.A	Verticale	0.8	0.3	0.000414	0.000414	0.047	0.047
6336 Prosp.A	Verticale	0.5	0.3	0.000385	0.000385	0.047	0.047
6067 Prosp.A	Verticale	0.6	0.3	0.000462	0.000462	0.047	0.047
6332 Prosp.A	Verticale	0.5	0.3	0.000258	0.000258	0.047	0.047
6338 Prosp.A	Verticale	0.5	0.3	0.000385	0.000385	0.047	0.047
5779 Prosp.A	Verticale	0.5	0.3	0.000385	0.000385	0.047	0.047
6064 Prosp.A	Verticale	0.6	0.3	0.000462	0.000462	0.047	0.047
5768 Prosp.A	Verticale	1	0.3	0.00063	0.00063	0.047	0.047
6060 Prosp.A	Verticale	0.8	0.3	0.000414	0.000414	0.047	0.047
6070 Prosp.A	Verticale	0.6	0.3	0.000462	0.000462	0.047	0.047
5782 Prosp.A	Verticale	0.5	0.3	0.000384	0.000384	0.047	0.047
5783 Prosp.A	Verticale	1	0.3	0.000517	0.000517	0.047	0.047
5775 Prosp.A	Verticale	0.5	0.3	0.000385	0.000385	0.047	0.047
5771 Prosp.A	Verticale	1	0.3	0.000517	0.000517	0.047	0.047
5821 Prosp.A	Verticale	1	0.3	0.000662	0.000662	0.047	0.047
6068 Prosp.A	Verticale	0.6	0.3	0.000462	0.000462	0.047	0.047
5772 Prosp.A	Verticale	0.5	0.3	0.000384	0.000384	0.047	0.047
6335 Prosp.A	Verticale	0.5	0.3	0.000385	0.000385	0.047	0.047
6341 Prosp.A	Verticale	0.5	0.3	0.000385	0.000385	0.047	0.047
5780 Prosp.A	Verticale	0.5	0.3	0.000385	0.000385	0.047	0.047
6339 Prosp.A	Verticale	0.5	0.3	0.000385	0.000385	0.047	0.047
6061 Prosp.A	Verticale	0.6	0.3	0.000462	0.000462	0.047	0.047
5439 Prosp.A	Orizzontale	0.5	0.3	0.000462	0.000462	0.0651	0.0651
5437 Prosp.A	Orizzontale	0.5	0.3	0.000462	0.000462	0.0651	0.0651
6065 Prosp.A	Verticale	0.8	0.3	0.000557	0.000557	0.047	0.047

Descrizione	Dir.	Base	Altezza	As,sup	As,inf	c,sup	c,inf
5821 Prosp.A	Orizzontale	1	0.3	0.000462	0.000462	0.0651	0.0651
5778 Prosp.A	Verticale	0.5	0.3	0.000385	0.000385	0.047	0.047
6333 Prosp.A	Verticale	0.5	0.3	0.000385	0.000385	0.047	0.047
6063 Prosp.A	Verticale	0.6	0.3	0.000462	0.000462	0.047	0.047
5774 Prosp.A	Verticale	0.5	0.3	0.000385	0.000385	0.047	0.047
5778 Prosp.A	Orizzontale	0.5	0.3	0.000462	0.000462	0.0651	0.0651
5776 Prosp.A	Orizzontale	0.5	0.3	0.000462	0.000462	0.0651	0.0651
5781 Prosp.A	Verticale	0.5	0.3	0.000385	0.000385	0.047	0.047
5776 Prosp.A	Verticale	0.5	0.3	0.000385	0.000385	0.047	0.047
6069 Prosp.A	Verticale	0.6	0.3	0.000462	0.000462	0.047	0.047
6337 Prosp.A	Verticale	0.5	0.3	0.000385	0.000385	0.047	0.047
5432 Prosp.A	Verticale	0.5	0.3	0.000258	0.000258	0.047	0.047
5768 Prosp.A	Orizzontale	0.5	0.3	0.000462	0.000462	0.0651	0.0651
5773 Prosp.A	Verticale	0.5	0.3	0.000385	0.000385	0.047	0.047
6062 Prosp.A	Orizzontale	1	0.3	0.000751	0.000751	0.061	0.061
6060 Prosp.A	Orizzontale	0.65	0.3	0.000601	0.000601	0.0641	0.0641
5445 Prosp.A	Verticale	0.5	0.3	0.000258	0.000258	0.047	0.047
6062 Prosp.A	Verticale	0.6	0.3	0.000462	0.000462	0.047	0.047
6061 Prosp.A	Orizzontale	0.995	0.3	0.000901	0.000901	0.0631	0.0631
6340 Prosp.A	Verticale	0.5	0.3	0.000385	0.000385	0.047	0.047
6069 Prosp.A	Orizzontale	1	0.3	0.000751	0.000751	0.061	0.061
6065 Prosp.A	Orizzontale	1	0.3	0.000901	0.000901	0.0631	0.0631
6071 Prosp.A	Orizzontale	0.65	0.3	0.000601	0.000601	0.0641	0.0641
6070 Prosp.A	Orizzontale	0.995	0.3	0.000901	0.000901	0.0631	0.0631
6063 Prosp.A	Orizzontale	1	0.3	0.000751	0.000751	0.061	0.061
5771 Prosp.A	Orizzontale	0.3	0.3	0.000308	0.000308	0.0672	0.0672
5772 Prosp.A	Orizzontale	0.3	0.3	0.000308	0.000308	0.0672	0.0672
6334 Prosp.A	Verticale	0.5	0.3	0.000385	0.000385	0.047	0.047
6068 Prosp.A	Orizzontale	1	0.3	0.000751	0.000751	0.061	0.061
5783 Prosp.A	Orizzontale	0.3	0.3	0.000308	0.000308	0.0672	0.0672
5782 Prosp.A	Orizzontale	0.3	0.3	0.000308	0.000308	0.0672	0.0672
6067 Prosp.A	Orizzontale	1	0.3	0.000751	0.000751	0.0622	0.0622
6064 Prosp.A	Orizzontale	1	0.3	0.000751	0.000751	0.0622	0.0622
5647 Prosp.A	Orizzontale	0.5	0.3	0.000693	0.000693	0.0651	0.0651

Verifiche a flessione SLU D.M. 17-01-18 §4.1.2.3.4.2

La struttura è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione, per le combinazioni SLV, viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
6071 Prosp.A	Verticale	SLV 7	28.1069	37.77	32.5596	43.75	1.1584	Si
6336 Prosp.A	Verticale	SLV 5	28.9541	-0.62	34.7095	-0.74	1.1988	Si
6067 Prosp.A	Verticale	SLV 7	-30.0731	36	-36.4131	43.58	1.2108	Si
6332 Prosp.A	Verticale	SLV 5	-23.7499	-36.69	-29.0473	-44.88	1.2231	Si
6338 Prosp.A	Verticale	SLV 7	-26.1179	18.15	-32.013	22.25	1.2257	Si
5779 Prosp.A	Verticale	SLV 7	-22.3812	41.44	-28.3943	52.58	1.2687	Si
6064 Prosp.A	Verticale	SLV 5	33.5185	-23.88	45.2716	-32.25	1.3506	Si
5768 Prosp.A	Verticale	SLV 7	-24.7198	138.51	-33.8327	189.56	1.3686	Si
6060 Prosp.A	Verticale	SLV 5	-30.7019	-25.32	-42.0931	-34.72	1.371	Si
6070 Prosp.A	Verticale	SLV 7	22.0986	42.59	33.8195	65.18	1.5304	Si
5782 Prosp.A	Verticale	SLV 7	19.1254	28.85	29.3182	44.23	1.5329	Si
5783 Prosp.A	Verticale	SLV 7	26.1373	28.43	41.8346	45.5	1.6006	Si
5775 Prosp.A	Verticale	SLV 5	25.2791	-43.52	43.0599	-74.14	1.7034	Si
5771 Prosp.A	Verticale	SLV 5	-28.583	-11.41	-49.7994	-19.88	1.7423	Si
5821 Prosp.A	Verticale	SLV 7	-27.579	56.81	-48.0985	99.07	1.744	Si
6068 Prosp.A	Verticale	SLV 7	-18.5702	41.88	-32.7657	73.89	1.7644	Si
5772 Prosp.A	Verticale	SLV 5	-21.1872	-20.28	-38.8234	-37.16	1.8324	Si
6335 Prosp.A	Verticale	SLV 5	18.3804	4.09	33.7462	7.51	1.836	Si
6341 Prosp.A	Verticale	SLV 7	15.5378	25.7	28.9566	47.89	1.8636	Si
5780 Prosp.A	Verticale	SLV 7	-13.6222	37.34	-26.0927	71.52	1.9155	Si
6339 Prosp.A	Verticale	SLV 7	-15.8634	18.24	-30.4932	35.06	1.9222	Si
6061 Prosp.A	Verticale	SLV 5	-24.3364	-28.43	-47.9808	-56.05	1.9716	Si
5439 Prosp.A	Orizzontale	SLV 7	14.5645	27.7	30.7813	58.55	2.1135	Si
5437 Prosp.A	Orizzontale	SLV 7	14.5645	27.7	30.7813	58.55	2.1135	Si
6065 Prosp.A	Verticale	SLV 5	23.8084	-0.99	50.594	-2.11	2.1251	Si
5821 Prosp.A	Orizzontale	SLV 7	-17.1016	7.78	-37.1635	16.9	2.1731	Si
5778 Prosp.A	Verticale	SLV 7	-12.2064	28.94	-27.0062	64.03	2.2125	Si
6338 Prosp.A	Verticale	SLV 9	12.9445	19.89	29.3023	45.02	2.2637	Si
6333 Prosp.A	Verticale	SLV 5	-17.036	-19.96	-40.0006	-46.87	2.348	Si
6332 Prosp.A	Verticale	SLV 11	8.0399	15.81	19.0835	37.52	2.3736	Si
6071 Prosp.A	Verticale	SLV 9	-16.6375	-9.33	-40.6668	-22.79	2.4443	Si
6063 Prosp.A	Verticale	SLV 5	21.4791	-42.29	53.4824	-105.3	2.49	Si
5774 Prosp.A	Verticale	SLV 5	15.8369	-19.54	40.3275	-49.75	2.5464	Si
5439 Prosp.A	Orizzontale	SLV 9	-20.3077	-53.77	-52.0478	-137.81	2.563	Si
5437 Prosp.A	Orizzontale	SLV 9	-20.3077	-53.77	-52.0478	-137.81	2.563	Si
5778 Prosp.A	Orizzontale	SLV 7	-11.9276	15.34	-32.6657	42	2.7387	Si
5776 Prosp.A	Orizzontale	SLV 7	-11.9276	15.34	-32.6657	42	2.7387	Si
5821 Prosp.A	Verticale	SLV 9	27.029	-45.77	74.6734	-126.45	2.7627	Si
5781 Prosp.A	Verticale	SLV 7	8.7768	30.99	24.3265	85.9	2.7717	Si
6065 Prosp.A	Verticale	SLV 7	-15.0214	22.63	-42.675	64.3	2.8409	Si
6067 Prosp.A	Verticale	SLV 9	15.1909	-5.11	43.2357	-14.54	2.8462	Si
6070 Prosp.A	Verticale	SLV 9	-15.5836	-12.75	-45.8778	-37.55	2.944	Si
6341 Prosp.A	Verticale	SLV 9	-12.1499	-5.68	-36.6043	-17.1	3.0127	Si
5782 Prosp.A	Verticale	SLV 9	-12.2157	-8.76	-37.6655	-27.01	3.0834	Si
5783 Prosp.A	Verticale	SLV 9	-14.3806	5.95	-45.127	18.67	3.1381	Si
5776 Prosp.A	Verticale	SLV 5	15.255	-40.35	49.1853	-130.11	3.2242	Si
6069 Prosp.A	Verticale	SLV 11	7.5984	41.71	24.9593	137.01	3.2848	Si
6339 Prosp.A	Verticale	SLV 9	7.9424	21.24	26.2543	70.2	3.3056	Si
5821 Prosp.A	Orizzontale	SLV 5	17.1309	-46.45	57.4235	-155.71	3.352	Si
6337 Prosp.A	Verticale	SLV 7	-11.2729	-9.42	-38.3139	-32.01	3.3988	Si
5781 Prosp.A	Verticale	SLV 5	-8.7802	10.56	-30.3271	36.46	3.454	Si
5432 Prosp.A	Verticale	SLV 5	-6.379	3.03	-22.4045	10.65	3.5122	Si
5776 Prosp.A	Orizzontale	SLV 5	15.057	-47.2	55.8259	-175.02	3.7076	Si
5778 Prosp.A	Orizzontale	SLV 5	15.057	-47.2	55.8259	-175.02	3.7076	Si
6061 Prosp.A	Verticale	SLV 11	9.7057	8.26	37.7719	32.14	3.8917	Si
6060 Prosp.A	Verticale	SLV 11	9.2513	4.03	36.0131	15.67	3.8928	Si
5768 Prosp.A	Orizzontale	SLV 7	-7.7998	15.47	-30.5493	60.58	3.9167	Si
5773 Prosp.A	Verticale	SLV 9	-9.0123	-2.03	-35.5551	-8.02	3.9452	Si
6062 Prosp.A	Orizzontale	SLV 5	-14.3226	8.33	-60.026	34.91	4.191	Si
5776 Prosp.A	Verticale	SLV 7	-5.4495	22.12	-23.2684	94.44	4.2698	Si
5779 Prosp.A	Verticale	SLV 9	11.6485	-31.85	49.8541	-136.33	4.2799	Si

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
6333 Prosp.A	Verticale	SLV 11	7.9107	0.33	34.4572	1.44	4.3558	Si
6060 Prosp.A	Orizzontale	SLV 9	-7.7551	29.78	-34.1339	131.06	4.4015	Si
5445 Prosp.A	Verticale	SLV 7	5.6	-2.39	24.9868	-10.67	4.462	Si
6062 Prosp.A	Verticale	SLV 11	7.4266	15.51	33.294	69.53	4.4831	Si
6061 Prosp.A	Orizzontale	SLV 5	-14.0593	22.53	-63.0412	101.02	4.484	Si
5772 Prosp.A	Verticale	SLV 11	7.0303	4	32.385	18.43	4.6065	Si
6340 Prosp.A	Verticale	SLV 5	-5.9942	12.31	-27.8385	57.17	4.6443	Si
5775 Prosp.A	Verticale	SLV 11	-4.6027	23.25	-21.4989	108.6	4.6709	Si
6337 Prosp.A	Verticale	SLV 9	6.3965	7.49	30.4263	35.63	4.7567	Si
6069 Prosp.A	Orizzontale	SLV 9	-11.5979	9.45	-58.5396	47.68	5.0474	Si
6065 Prosp.A	Orizzontale	SLV 7	-13.628	9.42	-69.1325	47.8	5.0728	Si
6062 Prosp.A	Orizzontale	SLV 5	12.1404	3.97	61.7264	20.2	5.0844	Si
6069 Prosp.A	Orizzontale	SLV 7	12.682	-3.63	66.2229	-18.97	5.2218	Si
5773 Prosp.A	Verticale	SLV 11	6.7922	-4.5	37.4936	-24.85	5.5201	Si
6071 Prosp.A	Orizzontale	SLV 9	-5.6878	23.71	-33.2472	138.59	5.8453	Si
6340 Prosp.A	Verticale	SLV 11	3.8662	16.63	22.8087	98.13	5.8995	Si
6064 Prosp.A	Verticale	SLV 11	-6.8267	0.89	-40.9241	5.36	5.9947	Si
6070 Prosp.A	Orizzontale	SLV 9	-9.7338	22.12	-59.1832	134.47	6.0801	Si
6063 Prosp.A	Orizzontale	SLV 5	-8.9089	9.66	-56.8977	61.72	6.3866	Si
6063 Prosp.A	Orizzontale	SLV 5	9.5427	3.97	61.1209	25.45	6.405	Si
5771 Prosp.A	Orizzontale	SLV 5	-3.3748	4.45	-21.9025	28.88	6.49	Si
5772 Prosp.A	Orizzontale	SLV 5	-3.3748	4.45	-21.9025	28.88	6.49	Si
6070 Prosp.A	Orizzontale	SLV 7	12.6388	-12.44	83.5405	-82.2	6.6098	Si
6069 Prosp.A	Verticale	SLV 9	-9.3117	-27.38	-61.7431	-181.57	6.6307	Si
5780 Prosp.A	Verticale	SLV 9	6.0855	-8.05	40.8071	-54.01	6.7056	Si
6334 Prosp.A	Verticale	SLV 11	5.7934	-6.98	40.178	-48.42	6.9352	Si
5445 Prosp.A	Verticale	SLV 9	-2.3932	8.22	-16.6193	57.07	6.9444	Si
5771 Prosp.A	Verticale	SLV 11	7.659	-7.07	53.3033	-49.18	6.9596	Si
6068 Prosp.A	Orizzontale	SLV 7	-8.5352	0.51	-63.6187	3.81	7.4537	Si
6068 Prosp.A	Verticale	SLV 9	8.7864	-30.06	66.6268	-227.98	7.5829	Si
6071 Prosp.A	Orizzontale	SLV 7	7.5635	-11.71	59.0363	-91.39	7.8054	Si
6336 Prosp.A	Verticale	SLV 11	-5.7969	-13.03	-46.3748	-104.21	7.9999	Si
5768 Prosp.A	Orizzontale	SLV 5	8.5607	-39.44	70.0916	-322.89	8.1876	Si
6068 Prosp.A	Orizzontale	SLV 7	7.8147	-1.81	65.7978	-15.2	8.4198	Si
5783 Prosp.A	Orizzontale	SLV 9	-2.0654	7.65	-17.7136	65.63	8.5765	Si
5782 Prosp.A	Orizzontale	SLV 9	-2.0654	7.65	-17.7136	65.63	8.5765	Si
5782 Prosp.A	Orizzontale	SLV 7	3.1472	-3.3	28.2972	-29.65	8.9912	Si
5783 Prosp.A	Orizzontale	SLV 7	3.1472	-3.3	28.2972	-29.65	8.9912	Si
6067 Prosp.A	Orizzontale	SLV 7	-6.1126	4.88	-58.0197	46.3	9.4917	Si

Verifiche a flessione SLD Resistenza D.M. 17-01-18 §4.1.2.3.4.2

La struttura è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
6336 Prosp.A	Verticale	SLD 5	20.9282	-3.78	35.3649	-6.38	1.6898	Si
6338 Prosp.A	Verticale	SLD 7	-17.2546	18.66	-30.7139	33.21	1.78	Si
6332 Prosp.A	Verticale	SLD 5	-15.8422	-23.62	-28.8229	-42.97	1.8194	Si
6067 Prosp.A	Verticale	SLD 7	-19.6715	25.71	-35.9989	47.05	1.83	Si
6071 Prosp.A	Verticale	SLD 7	16.9514	25.99	31.9167	48.93	1.8828	Si
6064 Prosp.A	Verticale	SLD 5	24.1099	-17.7	45.3967	-33.33	1.8829	Si
5779 Prosp.A	Verticale	SLD 7	-14.484	23.02	-29.1456	46.32	2.0123	Si
6060 Prosp.A	Verticale	SLD 5	20.7661	-18.01	-42.3292	-36.7	2.0384	Si
5775 Prosp.A	Verticale	SLD 5	18.0912	-28.57	42.2302	-66.69	2.3343	Si
5783 Prosp.A	Verticale	SLD 7	16.0226	22.8	40.3586	57.43	2.5189	Si
5782 Prosp.A	Verticale	SLD 7	11.309	19.44	28.7038	49.35	2.5381	Si
6070 Prosp.A	Verticale	SLD 7	12.6885	28.72	32.7407	74.1	2.5804	Si
5771 Prosp.A	Verticale	SLD 5	-19.5526	-10.34	-50.6276	-26.77	2.5893	Si
6335 Prosp.A	Verticale	SLD 5	13.1755	-0.38	34.7393	-0.99	2.6367	Si
5772 Prosp.A	Verticale	SLD 5	-14.167	-14.23	-39.0576	-39.22	2.7569	Si
6339 Prosp.A	Verticale	SLD 7	-10.0166	19.05	-28.2527	53.74	2.8206	Si
6068 Prosp.A	Verticale	SLD 7	-11.7582	23.85	-33.4868	67.93	2.848	Si
5768 Prosp.A	Verticale	SLD 7	-11.5723	67.07	-33.3532	193.32	2.8822	Si
5780 Prosp.A	Verticale	SLD 7	-8.7031	25.93	-25.534	76.08	2.9339	Si
6061 Prosp.A	Verticale	SLD 5	-15.8516	-19.27	-48.2762	-58.67	3.0455	Si
6065 Prosp.A	Verticale	SLD 5	15.697	6.29	48.0696	19.26	3.0623	Si
5821 Prosp.A	Verticale	SLD 7	-15.4539	30.68	-48.4529	96.18	3.1353	Si
6341 Prosp.A	Verticale	SLD 7	8.6687	17.89	27.812	57.4	3.2083	Si
6063 Prosp.A	Verticale	SLD 5	15.4384	-28.74	52.6806	-98.05	3.4123	Si
5774 Prosp.A	Verticale	SLD 5	11.4807	-13.46	40.0077	-46.91	3.4848	Si
5778 Prosp.A	Verticale	SLD 7	-7.9853	11.34	-29.6517	42.11	3.7133	Si
6333 Prosp.A	Verticale	SLD 5	-10.8393	-14.93	-41.1001	-56.6	3.7918	Si
5439 Prosp.A	Orizzontale	SLD 5	-12.028	-31.98	-52.126	-138.59	4.3337	Si
5437 Prosp.A	Orizzontale	SLD 5	-12.028	-31.98	-52.126	-138.59	4.3337	Si
5821 Prosp.A	Verticale	SLD 5	16.3434	-22.02	71.1911	-95.91	4.356	Si
5776 Prosp.A	Verticale	SLD 5	10.5991	-25.45	47.4315	-113.89	4.4751	Si
5781 Prosp.A	Verticale	SLD 7	4.4283	24.03	20.8967	113.39	4.7189	Si
5821 Prosp.A	Orizzontale	SLD 7	-8.9618	-6.09	-42.6771	-29.01	4.7621	Si
5432 Prosp.A	Verticale	SLD 5	-4.509	0.45	-23.4156	2.34	5.193	Si
5781 Prosp.A	Verticale	SLD 5	-4.218	14.7	-24.4242	85.11	5.7905	Si
5821 Prosp.A	Orizzontale	SLD 5	10.6559	-33.45	61.7383	-193.83	5.7938	Si
5778 Prosp.A	Orizzontale	SLD 5	9.7334	-31.58	56.7332	-184.06	5.8287	Si
5776 Prosp.A	Orizzontale	SLD 5	9.7334	-31.58	56.7332	-184.06	5.8287	Si
6338 Prosp.A	Verticale	SLD 9	3.5434	19.38	20.8292	113.93	5.8784	Si
6340 Prosp.A	Verticale	SLD 5	-4.1467	14.08	-24.6114	83.59	5.9351	Si
6341 Prosp.A	Verticale	SLD 9	-5.1666	2.13	-33.0286	13.64	6.3927	Si
6337 Prosp.A	Verticale	SLD 7	-5.9529	-5.3	-38.5849	-34.38	6.4816	Si
5445 Prosp.A	Verticale	SLD 7	3.584	0.28	23.4727	1.87	6.5492	Si
6070 Prosp.A	Verticale	SLD 9	-6.1735	1.11	-40.6905	7.35	6.5912	Si
6062 Prosp.A	Orizzontale	SLD 5	-9.128	3.98	-60.9842	26.6	6.681	Si
5778 Prosp.A	Orizzontale	SLD 7	-5.4202	0.04	-37.3302	0.31	6.8873	Si
5776 Prosp.A	Orizzontale	SLD 7	-5.4202	0.04	-37.3302	0.31	6.8873	Si
6060 Prosp.A	Orizzontale	SLD 5	-5.4542	13.8	-38.1623	96.55	6.9969	Si
6061 Prosp.A	Orizzontale	SLD 5	-9.1686	12.37	-64.6265	87.18	7.0487	Si
5437 Prosp.A	Orizzontale	SLD 7	4.4258	7.02	31.7189	50.33	7.1668	Si
5439 Prosp.A	Orizzontale	SLD 7	4.4258	7.02	31.7189	50.33	7.1668	Si
5773 Prosp.A	Verticale	SLD 9	-5.2354	-4.27	-38.2132	-31.13	7.299	Si
6069 Prosp.A	Verticale	SLD 7	2.1391	25.24	16.9279	199.77	7.9135	Si
6062 Prosp.A	Orizzontale	SLD 5	7.8509	1.99	62.2302	15.81	7.9265	Si
5782 Prosp.A	Verticale	SLD 9	-4.2176	0.65	-33.9342	5.24	8.0458	Si
6065 Prosp.A	Verticale	SLD 7	-6.1893	0.3	-50.061	2.42	8.0884	Si

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
6067 Prosp.A	Verticale	SLD 9	4.2516	5.18	36.3308	44.26	8.5453	Si
5768 Prosp.A	Orizzontale	SLD 7	-3.9015	2.54	-34.8381	22.68	8.9294	Si
6069 Prosp.A	Orizzontale	SLD 7	6.7723	-0.37	64.459	-3.55	9.5181	Si
5772 Prosp.A	Orizzontale	SLD 5	-2.2183	2.86	-21.9629	28.34	9.9008	Si
5771 Prosp.A	Orizzontale	SLD 5	-2.2183	2.86	-21.9629	28.34	9.9008	Si
6069 Prosp.A	Verticale	SLD 9	-5.2543	-9.4	-52.1566	-93.34	9.9265	Si
6063 Prosp.A	Orizzontale	SLD 5	6.0243	1.96	61.7345	20.11	10.2476	Si
6063 Prosp.A	Orizzontale	SLD 5	-5.4995	5.52	-57.3796	57.63	10.4336	Si
6337 Prosp.A	Verticale	SLD 9	2.8961	3.38	30.4416	35.49	10.5112	Si
6065 Prosp.A	Orizzontale	SLD 7	-7.571	-5.9	-81.5306	-63.56	10.7688	Si
6071 Prosp.A	Verticale	SLD 9	-4.7121	-10.15	-50.869	-109.6	10.7953	Si
6069 Prosp.A	Orizzontale	SLD 9	-5.1878	6.19	-56.2675	67.09	10.8461	Si
6070 Prosp.A	Orizzontale	SLD 7	7.0563	-3.81	79.2138	-42.76	11.226	Si
5768 Prosp.A	Orizzontale	SLD 5	5.8692	-25.86	67.8796	-299.12	11.5655	Si
6071 Prosp.A	Orizzontale	SLD 9	-2.3802	14.87	-28.532	178.27	11.9874	Si
6062 Prosp.A	Verticale	SLD 11	3.2569	1.24	39.7817	15.11	12.2145	Si
6334 Prosp.A	Verticale	SLD 13	2.8603	-0.26	34.9975	-3.21	12.2354	Si
6071 Prosp.A	Orizzontale	SLD 7	4.2558	-2.87	53.0313	-35.77	12.4608	Si
6070 Prosp.A	Orizzontale	SLD 9	-4.1459	13.49	-54.273	176.58	13.0907	Si
5783 Prosp.A	Orizzontale	SLD 7	1.8453	-0.53	25.9048	-7.4	14.0381	Si
5782 Prosp.A	Orizzontale	SLD 7	1.8453	-0.53	25.9048	-7.4	14.0381	Si
6068 Prosp.A	Orizzontale	SLD 7	-4.393	1.45	-61.7021	20.42	14.0455	Si
6067 Prosp.A	Orizzontale	SLD 5	4.6999	-4.47	71.0123	-67.56	15.1094	Si
6068 Prosp.A	Orizzontale	SLD 7	4.0233	0.9	62.4342	14.04	15.5182	Si
6067 Prosp.A	Orizzontale	SLD 7	-3.8219	0.2	-62.9788	3.25	16.4786	Si
6340 Prosp.A	Verticale	SLD 7	0.3358	14.66	5.6427	246.4	16.8028	Si
5783 Prosp.A	Verticale	SLD 9	-3.2698	-4.41	-56.5007	-76.2	17.2796	Si
5779 Prosp.A	Verticale	SLD 9	3.3884	-13.43	60.7258	-240.73	17.9216	Si
6061 Prosp.A	Orizzontale	SLD 5	3.8417	1.91	70.5386	35.09	18.3613	Si
5782 Prosp.A	Orizzontale	SLD 9	-0.7635	4.88	-14.52	92.84	19.0176	Si
5783 Prosp.A	Orizzontale	SLD 9	-0.7635	4.88	-14.52	92.84	19.0176	Si
5768 Prosp.A	Verticale	SLD 1	3.9361	-9.35	78.7585	-187.16	20.0092	Si
5773 Prosp.A	Verticale	SLD 11	2.3845	-6.2	48.861	-127.11	20.4911	Si
6065 Prosp.A	Orizzontale	SLD 5	6.6808	-31.28	142.5057	-667.28	21.3308	Si
6332 Prosp.A	Verticale	SLD 11	0.5725	3.57	13.2889	82.95	23.2109	Si
5778 Prosp.A	Verticale	SLD 9	3.728	-23.33	90.6245	-567.07	24.3094	Si
6064 Prosp.A	Orizzontale	SLD 9	-1.7463	4.87	-47.7706	133.27	27.3549	Si
5647 Prosp.A	Orizzontale	SLD 9	-3.7393	-22.41	-103.9033	-622.58	27.787	Si
6064 Prosp.A	Orizzontale	SLD 5	3.2956	-11.84	103.7703	-372.73	31.4877	Si
5647 Prosp.A	Orizzontale	SLD 7	1.2131	3.82	40.5291	127.7	33.4088	Si
6060 Prosp.A	Orizzontale	SLD 9	1.0748	2.78	37.9568	98.31	35.3159	Si
6333 Prosp.A	Verticale	SLD 11	1.4871	-4.7	53.2652	-168.43	35.8183	Si
6060 Prosp.A	Verticale	SLD 11	0.5725	3.57	21.2622	132.73	37.1374	Si
6062 Prosp.A	Verticale	SLD 9	-2.57	-19.21	-118.6411	-886.74	46.1637	Si

Verifiche a taglio SLU D.M. 17-01-18 §4.1.2.3.5

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
5776 Prosp.A	Orizzontale	0.235	0.5	Non necessaria	0	SLV 5	54.59	-35.07	7.5888	65.15	304.27	0	65.15	2.5	0.0004618	1.1935	Si
5778 Prosp.A	Orizzontale	0.235	0.5	Non necessaria	0	SLV 5	54.59	-35.07	7.5888	65.15	304.27	0	65.15	2.5	0.0004618	1.1935	Si
5437 Prosp.A	Orizzontale	0.235	0.5	Non necessaria	0	SLV 5	46.87	-51.72	-19.9621	67.1	306.3	0	67.1	2.5	0.0004618	1.4317	Si
5439 Prosp.A	Orizzontale	0.235	0.5	Non necessaria	0	SLV 5	46.87	-51.72	-19.9621	67.1	306.3	0	67.1	2.5	0.0004618	1.4317	Si
5768 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 7	85.15	140.76	-23.9236	123.92	646.26	0	123.92	2.5	0.0006295	1.4554	Si
5768 Prosp.A	Orizzontale	0.235	0.5	Non necessaria	0	SLV 5	42.17	-32.82	4.1512	64.88	304	0	64.88	2.5	0.0004618	1.5386	Si
6065 Prosp.A	Verticale	0.253	0.8	Non necessaria	0	SLV 5	62.75	-25.63	9.7494	102.38	520.36	0	102.38	2.5	0.0005568	1.6316	Si
6336 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 5	33.17	-0.62	28.9541	62.04	323.21	0	62.04	2.5	0.0003848	1.8704	Si
6335 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 5	31.67	4.09	18.3804	61.96	323.13	0	61.96	2.5	0.0003848	1.9564	Si
6338 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 7	30.58	18.15	-26.1179	61.96	323.13	0	61.96	2.5	0.0003848	2.0259	Si
6339 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 7	29.18	18.24	-15.8634	61.96	323.13	0	61.96	2.5	0.0003848	2.1232	Si
6064 Prosp.A	Verticale	0.253	0.6	Non necessaria	0	SLV 5	35.88	-23.88	33.5185	77.37	390.88	0	77.37	2.5	0.0004618	2.1564	Si
6067 Prosp.A	Verticale	0.253	0.6	Non necessaria	0	SLV 7	32.91	36	-30.0731	74.35	387.76	0	74.35	2.5	0.0004618	2.2592	Si
6337 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 7	26.05	-9.42	-11.2729	63.15	324.36	0	63.15	2.5	0.0003848	2.4247	Si
5774 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 5	25.55	-19.54	15.8369	64.43	325.69	0	64.43	2.5	0.0003848	2.5219	Si
5778 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 3	-24.21	1.17	-6.01	61.96	323.13	0	61.96	2.5	0.0003848	2.5588	Si
5780 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 7	22.98	37.34	-13.6222	61.96	323.13	0	61.96	2.5	0.0003848	2.6959	Si
6334 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 5	23.38	-10.66	0.3132	63.31	324.53	0	63.31	2.5	0.0003848	2.7079	Si
5773 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 5	23.05	-11.25	-9.4155	63.38	324.6	0	63.38	2.5	0.0003848	2.7495	Si
5779 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 3	-22.41	2.73	-16.2096	61.96	323.13	0	61.96	2.5	0.0003848	2.7653	Si
6062 Prosp.A	Verticale	0.253	0.6	Non necessaria	0	SLV 5	27.43	-41.62	-4.8004	79.62	393.2	0	79.62	2.5	0.0004618	2.9031	Si
6340 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 7	20.94	22.79	0.1813	61.96	323.13	0	61.96	2.5	0.0003848	2.9587	Si
6333 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 5	21.67	-19.96	-17.036	64.49	325.74	0	64.49	2.5	0.0003848	2.9759	Si
5781 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 7	20.76	30.99	8.7768	61.96	323.13	0	61.96	2.5	0.0003848	2.9843	Si
6069 Prosp.A	Verticale	0.253	0.6	Non necessaria	0	SLV 7	24.77	44.37	4.8375	74.35	387.76	0	74.35	2.5	0.0004618	3.0023	Si
5821 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 3	-41.45	-11.35	-1.6639	125.36	647.75	0	125.36	2.5	0.0006623	3.0243	Si
6061 Prosp.A	Verticale	0.253	0.6	Non necessaria	0	SLV 5	25.74	-28.43	-24.3364	77.95	391.48	0	77.95	2.5	0.0004618	3.0283	Si

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
5775 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 5	21.66	-43.52	25.2791	67.47	328.83	0	67.47	2.5	0.0003848	3.1141	Si
6341 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 7	19.77	25.7	15.5378	61.96	323.13	0	61.96	2.5	0.0003848	3.1346	Si
6070 Prosp.A	Verticale	0.253	0.6	Non necessaria	0	SLV 7	23.29	42.59	22.0986	74.35	387.76	0	74.35	2.5	0.0004618	3.1922	Si
5776 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 1	-19.91	-14.76	9.7744	63.83	325.06	0	63.83	2.5	0.0003848	3.2055	Si
5821 Prosp.A	Orizzontale	0.235	1	Non necessaria	0	SLV 9	-36.66	-47.86	15.9449	123.76	605.84	0	123.76	2.5	0.0004618	3.3759	Si
5782 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 7	17.91	28.85	19.1254	61.96	323.13	0	61.96	2.5	0.0003839	3.4605	Si
6065 Prosp.A	Orizzontale	0.237	1	Non necessaria	0	SLV 7	33.74	7.03	-10.3977	121.52	605.26	0	121.52	2.5	0.0009014	3.6014	Si
6063 Prosp.A	Verticale	0.253	0.6	Non necessaria	0	SLV 5	20.93	-42.29	21.4791	79.7	393.29	0	79.7	2.5	0.0004618	3.8078	Si
5772 Prosp.A	Orizzontale	0.233	0.3	Non necessaria	0	SLV 5	-9.82	7.58	-3.0031	37.78	178.44	0	37.78	2.5	0.0003079	3.8459	Si
5771 Prosp.A	Orizzontale	0.233	0.3	Non necessaria	0	SLV 5	-9.82	7.58	-3.0031	37.78	178.44	0	37.78	2.5	0.0003079	3.8459	Si
5783 Prosp.A	Orizzontale	0.233	0.3	Non necessaria	0	SLV 7	9.6	-6.03	2.7728	38.49	179.16	0	38.49	2.5	0.0003079	4.008	Si
5782 Prosp.A	Orizzontale	0.233	0.3	Non necessaria	0	SLV 7	9.6	-6.03	2.7728	38.49	179.16	0	38.49	2.5	0.0003079	4.008	Si
6068 Prosp.A	Verticale	0.253	0.6	Non necessaria	0	SLV 7	18.09	41.88	-18.5702	74.35	387.76	0	74.35	2.5	0.0004618	4.1106	Si
6332 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 5	15.4	-35.78	-21.4674	66.49	327.81	0	66.49	2.5	0.0002585	4.3184	Si
5772 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 5	14.86	-20.28	-21.1872	64.53	325.79	0	64.53	2.5	0.0003839	4.3428	Si
5432 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 5	14.24	-0.86	-4.4897	62.07	323.24	0	62.07	2.5	0.0002585	4.3586	Si
5647 Prosp.A	Orizzontale	0.235	0.5	Non necessaria	0	SLV 5	-14.46	-0.56	-2.996	69.93	300.08	0	69.93	2.5	0.0006928	4.8365	Si
6064 Prosp.A	Orizzontale	0.238	1	Non necessaria	0	SLV 1	21.37	-8.87	0.8287	120.12	608.45	0	120.12	2.5	0.0007511	5.6207	Si
5445 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 7	10.36	-2.53	5.0872	62.28	323.46	0	62.28	2.5	0.0002585	6.0138	Si
6067 Prosp.A	Orizzontale	0.238	1	Non necessaria	0	SLV 3	-19.6	6.31	-0.4329	119.06	607.36	0	119.06	2.5	0.0007511	6.0754	Si
6071 Prosp.A	Verticale	0.253	0.8	Non necessaria	0	SLV 7	16.18	36.86	25.5443	99.14	517.01	0	99.14	2.5	0.0004135	6.1275	Si
6063 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 5	18.66	3.32	2.2864	119.46	610.5	0	119.46	2.5	0.0007511	6.4004	Si
6060 Prosp.A	Verticale	0.253	0.8	Non necessaria	0	SLV 5	15.4	-35.78	-21.4674	103.66	521.69	0	103.66	2.5	0.0004135	6.733	Si
6068 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 7	-17.48	1.3	-2.3279	119.46	610.5	0	119.46	2.5	0.0007511	6.8334	Si
5783 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 7	16.19	27.52	23.5747	123.92	646.26	0	123.92	2.5	0.0005169	7.655	Si
6062 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 5	-15.38	3.78	11.8269	119.46	610.5	0	119.46	2.5	0.0007511	7.7687	Si
5771 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 5	16.29	-21.86	-19.3485	126.69	649.12	0	126.69	2.5	0.0005169	7.7748	Si
6069 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 7	13.49	-1.7	-10.063	119.66	610.71	0	119.66	2.5	0.0007511	8.8736	Si
6061 Prosp.A	Orizzontale	0.237	0.995	Non necessaria	0	SLV 5	-10.92	6.62	5.5481	121.12	602.26	0	121.12	2.5	0.0009014	11.089	Si
6060 Prosp.A	Orizzontale	0.236	0.65	Non necessaria	0	SLV 5	-6.2	6.42	1.3511	79.51	391.72	0	79.51	2.5	0.0006009	12.8278	Si
6070 Prosp.A	Orizzontale	0.237	0.995	Non necessaria	0	SLV 7	9.2	-3.07	-4.5396	121.48	602.62	0	121.48	2.5	0.0009014	13.1984	Si
6071 Prosp.A	Orizzontale	0.236	0.65	Non necessaria	0	SLV 7	5.12	-9.9	5.1243	80.68	392.93	0	80.68	2.5	0.0006009	15.7704	Si

Verifiche a taglio SLD Resistenza D.M. 17-01-18 §4.1.2.3.5

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
5778 Prosp.A	Orizzontale	0.235	0.5	Non necessaria	0	SLD 5	32.99	-24.48	4.9948	63.9	302.99	0	63.9	2.5	0.0004618	1.9374	Si
5776 Prosp.A	Orizzontale	0.235	0.5	Non necessaria	0	SLD 5	32.99	-24.48	4.9948	63.9	302.99	0	63.9	2.5	0.0004618	1.9374	Si
5437 Prosp.A	Orizzontale	0.235	0.5	Non necessaria	0	SLD 5	27.75	-31.98	-12.028	64.79	303.9	0	64.79	2.5	0.0004618	2.3349	Si
5439 Prosp.A	Orizzontale	0.235	0.5	Non necessaria	0	SLD 5	27.75	-31.98	-12.028	64.79	303.9	0	64.79	2.5	0.0004618	2.3349	Si
6065 Prosp.A	Verticale	0.253	0.8	Non necessaria	0	SLD 5	42.62	-11.97	7.1624	100.65	518.58	0	100.65	2.5	0.0005568	2.3618	Si
5768 Prosp.A	Orizzontale	0.235	0.5	Non necessaria	0	SLD 5	25.63	-22.92	2.8451	63.72	302.8	0	63.72	2.5	0.0004618	2.4866	Si
5768 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 7	48.18	67.79	-10.1434	123.92	646.26	0	123.92	2.5	0.0006295	2.5721	Si
6336 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 5	23.09	-3.78	20.9282	62.44	323.63	0	62.44	2.5	0.0003848	2.7047	Si
6335 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 5	22.01	-0.38	13.1755	62.01	323.18	0	62.01	2.5	0.0003848	2.8171	Si
6064 Prosp.A	Verticale	0.253	0.6	Non necessaria	0	SLD 5	24.85	-17.7	24.1099	76.59	390.07	0	76.59	2.5	0.0004618	3.0821	Si
6338 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 7	19.46	18.66	-17.2546	61.96	323.13	0	61.96	2.5	0.0003848	3.1832	Si
6337 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 7	19.54	-5.3	-5.9529	62.63	323.83	0	62.63	2.5	0.0003848	3.2056	Si
6339 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 7	18.54	19.05	-10.0166	61.96	323.13	0	61.96	2.5	0.0003848	3.3426	Si
5778 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 3	-18.43	-2.35	-5.8057	62.26	323.44	0	62.26	2.5	0.0003848	3.3786	Si
6067 Prosp.A	Verticale	0.253	0.6	Non necessaria	0	SLD 3	-21.64	3.12	-15.3745	74.35	387.76	0	74.35	2.5	0.0004618	3.4363	Si
5779 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 3	-17.66	-1.99	-12.4489	62.21	323.39	0	62.21	2.5	0.0003848	3.5225	Si
5774 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 5	17.82	-13.46	11.4807	63.66	324.89	0	63.66	2.5	0.0003848	3.5727	Si

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
5821 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 3	-32.25	-3.12	-0.1081	124.32	646.67	0	124.32	2.5	0.0006623	3.8544	Si
5773 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 5	16.26	-9.55	-5.4811	63.17	324.38	0	63.17	2.5	0.0003848	3.8844	Si
6334 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 5	16.27	-9.78	1.0651	63.2	324.41	0	63.2	2.5	0.0003848	3.8847	Si
5775 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 3	-15.76	-7.89	12.259	62.96	324.16	0	62.96	2.5	0.0003848	3.9945	Si
6062 Prosp.A	Verticale	0.253	0.6	Non necessaria	0	SLD 5	19.22	-27.35	-2.1924	77.81	391.34	0	77.81	2.5	0.0004618	4.0492	Si
5776 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 1	-15.57	-12.87	8.1032	63.59	324.82	0	63.59	2.5	0.0003848	4.0828	Si
6333 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 5	15.06	-14.93	-10.8393	63.85	325.08	0	63.85	2.5	0.0003848	4.2391	Si
5780 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 7	14.48	25.93	-8.7031	61.96	323.13	0	61.96	2.5	0.0003848	4.2799	Si
6061 Prosp.A	Verticale	0.253	0.6	Non necessaria	0	SLD 5	17.35	-19.27	-15.8516	76.79	390.28	0	76.79	2.5	0.0004618	4.4261	Si
5781 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 7	13.21	24.03	4.4283	61.96	323.13	0	61.96	2.5	0.0003848	4.6889	Si
6340 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 7	13.15	18.67	-0.6142	61.96	323.13	0	61.96	2.5	0.0003848	4.7135	Si
6069 Prosp.A	Verticale	0.253	0.6	Non necessaria	0	SLD 7	15.67	26.39	1.9557	74.35	387.76	0	74.35	2.5	0.0004618	4.7463	Si
6341 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 7	12.42	17.89	8.6687	61.96	323.13	0	61.96	2.5	0.0003848	4.9888	Si
6070 Prosp.A	Verticale	0.253	0.6	Non necessaria	0	SLD 7	13.92	28.72	12.6885	74.35	387.76	0	74.35	2.5	0.0004618	5.3412	Si
5782 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 7	11.36	19.44	11.309	61.96	323.13	0	61.96	2.5	0.0003839	5.4528	Si
6063 Prosp.A	Verticale	0.253	0.6	Non necessaria	0	SLD 5	14.23	-28.74	15.4384	77.99	391.52	0	77.99	2.5	0.0004618	5.4815	Si
5772 Prosp.A	Orizzontale	0.233	0.3	Non necessaria	0	SLD 5	-6.29	4.17	-1.9862	37.78	178.44	0	37.78	2.5	0.0003079	6.0028	Si
5771 Prosp.A	Orizzontale	0.233	0.3	Non necessaria	0	SLD 5	-6.29	4.17	-1.9862	37.78	178.44	0	37.78	2.5	0.0003079	6.0028	Si
6065 Prosp.A	Orizzontale	0.237	1	Non necessaria	0	SLD 7	19.97	-3.5	-6.0138	121.94	605.69	0	121.94	2.5	0.0009014	6.1049	Si
5432 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 5	10.04	-1.5	-3.1625	62.15	323.33	0	62.15	2.5	0.0002585	6.1906	Si
6332 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 5	10.45	-23.11	-14.6844	64.88	326.16	0	64.88	2.5	0.0002585	6.2064	Si
5821 Prosp.A	Orizzontale	0.235	1	Non necessaria	0	SLD 9	-19.43	-32.43	7.9384	121.95	603.97	0	121.95	2.5	0.0004618	6.2777	Si
5772 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 5	9.68	-14.23	-14.167	63.76	324.99	0	63.76	2.5	0.0003839	6.5901	Si
6068 Prosp.A	Verticale	0.253	0.6	Non necessaria	0	SLD 7	11.03	23.85	-11.7582	74.35	387.76	0	74.35	2.5	0.0004618	6.7437	Si
5782 Prosp.A	Orizzontale	0.233	0.3	Non necessaria	0	SLD 7	5.57	-2.43	1.5917	38.07	178.73	0	38.07	2.5	0.0003079	6.8392	Si
5783 Prosp.A	Orizzontale	0.233	0.3	Non necessaria	0	SLD 7	5.57	-2.43	1.5917	38.07	178.73	0	38.07	2.5	0.0003079	6.8392	Si
6064 Prosp.A	Orizzontale	0.238	1	Non necessaria	0	SLD 1	17.26	-7.41	0.4976	119.95	608.27	0	119.95	2.5	0.0007511	6.9479	Si
5647 Prosp.A	Orizzontale	0.235	0.5	Non necessaria	0	SLD 5	-9.24	1.04	-1.2743	69.86	300.01	0	69.86	2.5	0.0006928	7.5626	Si
6067 Prosp.A	Orizzontale	0.238	1	Non necessaria	0	SLD 3	-15.47	4.67	0.1907	119.06	607.36	0	119.06	2.5	0.0007511	7.6989	Si
6063 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 5	14.09	1.08	1.2879	119.46	610.5	0	119.46	2.5	0.0007511	8.4791	Si
5445 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 7	7.26	0.28	3.584	61.96	323.13	0	61.96	2.5	0.0002585	8.5396	Si
6071 Prosp.A	Verticale	0.253	0.8	Non necessaria	0	SLD 7	11.05	25.04	16.4484	99.14	517.01	0	99.14	2.5	0.0004135	8.9734	Si
6068 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 3	-12.87	5.82	-0.0418	119.46	610.5	0	119.46	2.5	0.0007511	9.2822	Si
6060 Prosp.A	Verticale	0.253	0.8	Non necessaria	0	SLD 5	10.45	-23.11	-14.6844	102.06	520.03	0	102.06	2.5	0.0004135	9.7625	Si
5783 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 3	12.04	26.03	11.6209	123.92	646.26	0	123.92	2.5	0.0005169	10.2925	Si
6062 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 5	-10.91	1.85	7.6515	119.46	610.5	0	119.46	2.5	0.0007511	10.9464	Si
5771 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 5	11.36	-15.44	-13.471	125.87	648.28	0	125.87	2.5	0.0005169	11.0798	Si
6069 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 7	8.69	-0.46	-5.3507	119.51	610.56	0	119.51	2.5	0.0007511	13.7575	Si
6061 Prosp.A	Orizzontale	0.237	0.995	Non necessaria	0	SLD 5	-7.51	3.14	3.642	121.12	602.26	0	121.12	2.5	0.0009014	16.1278	Si
6060 Prosp.A	Orizzontale	0.236	0.65	Non necessaria	0	SLD 5	-4.23	3.34	0.9296	79.51	391.72	0	79.51	2.5	0.0006009	18.7929	Si
6070 Prosp.A	Orizzontale	0.237	0.995	Non necessaria	0	SLD 7	5.46	-0.33	-2.3839	121.15	602.28	0	121.15	2.5	0.0009014	22.1877	Si
6071 Prosp.A	Orizzontale	0.236	0.65	Non necessaria	0	SLD 7	2.99	-2.64	2.8893	79.82	392.04	0	79.82	2.5	0.0006009	26.7028	Si

Verifiche SLE tensione calcestruzzo D.M. 17-01-18 §4.1.2.2.5.1

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	oc	oc limite	Es/Ec	c.s.	Verifica
6336 Prosp.A	Verticale	SLE QP 1	14.1779	-1.31	No	-1713	13073	15	7.6319	Si
6064 Prosp.A	Verticale	SLE QP 1	16.2497	-9.05	No	-1675	13073	15	7.8047	Si
5775 Prosp.A	Verticale	SLE QP 1	11.859	-21.86	No	-1561	13073	15	8.3731	Si
6336 Prosp.A	Verticale	SLE RA 1	14.1779	-1.31	No	-1713	17430	15	10.1759	Si
6332 Prosp.A	Verticale	SLE QP 1	-9.5292	-13.21	No	-1268	13073	15	10.3116	Si
6064 Prosp.A	Verticale	SLE RA 1	16.2497	-9.05	No	-1675	17430	15	10.4062	Si
5775 Prosp.A	Verticale	SLE RA 1	11.859	-21.86	No	-1561	17430	15	11.1641	Si
6063 Prosp.A	Verticale	SLE QP 1	10.7019	-15.98	No	-1155	13073	15	11.3205	Si
6335 Prosp.A	Verticale	SLE QP 1	9.0557	1.33	No	-1081	13073	15	12.097	Si
5772 Prosp.A	Verticale	SLE QP 1	-8.4964	-7.14	No	-1066	13073	15	12.2627	Si
5774 Prosp.A	Verticale	SLE QP 1	8.3025	-5.66	No	-1033	13073	15	12.6507	Si
6060 Prosp.A	Verticale	SLE QP 1	-12.6494	-8.76	No	-1017	13073	15	12.8541	Si
6332 Prosp.A	Verticale	SLE RA 1	-9.5292	-13.21	No	-1268	17430	15	13.7488	Si
6061 Prosp.A	Verticale	SLE QP 1	-8.8698	-9.11	No	-936	13073	15	13.9698	Si

Vano di equalizzazione e sedimentazione meccanica

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	oc	oc limite	Es/Ec	c.s.	Verifica
5779 Prosp.A	Verticale	SLE QP 4	-7.4104	-7.06	No	-935	13073	15	13.9853	Si
6067 Prosp.A	Verticale	SLE QP 4	-9.0541	-0.15	No	-908	13073	15	14.3966	Si
6338 Prosp.A	Verticale	SLE QP 4	-8.486	19.02	No	-903	13073	15	14.4826	Si
5437 Prosp.A	Orizzontale	SLE QP 2	-6.4309	-17.96	No	-897	13073	15	14.5719	Si
5439 Prosp.A	Orizzontale	SLE QP 2	-6.4309	-17.96	No	-897	13073	15	14.5719	Si
6063 Prosp.A	Verticale	SLE RA 1	10.7019	-15.98	No	-1155	17430	15	15.0941	Si
5776 Prosp.A	Verticale	SLE QP 1	6.3846	-13.99	No	-854	13073	15	15.3023	Si
6335 Prosp.A	Verticale	SLE RA 1	9.0557	1.33	No	-1081	17430	15	16.1294	Si
5772 Prosp.A	Verticale	SLE RA 1	-8.4964	-7.14	No	-1066	17430	15	16.3503	Si
5778 Prosp.A	Orizzontale	SLE QP 1	5.4048	-19.03	No	-778	13073	15	16.8028	Si
5776 Prosp.A	Orizzontale	SLE QP 1	5.4048	-19.03	No	-778	13073	15	16.8028	Si
5774 Prosp.A	Verticale	SLE RA 1	8.3025	-5.66	No	-1033	17430	15	16.8677	Si
5771 Prosp.A	Verticale	SLE QP 1	-12.0609	-4.96	No	-765	13073	15	17.0887	Si
6060 Prosp.A	Verticale	SLE RA 1	-12.6494	-8.76	No	-1017	17430	15	17.1388	Si
6338 Prosp.A	Verticale	SLE RA 7	-9.0784	15.87	No	-993	17430	15	17.547	Si
5779 Prosp.A	Verticale	SLE RA 7	-7.9016	-3.99	No	-975	17430	15	17.8802	Si
6067 Prosp.A	Verticale	SLE RA 7	-9.6983	0.85	No	-967	17430	15	18.0174	Si
6061 Prosp.A	Verticale	SLE RA 1	-8.8698	-9.11	No	-936	17430	15	18.6264	Si
6333 Prosp.A	Verticale	SLE QP 1	-5.3452	-7.96	No	-692	13073	15	18.892	Si
5439 Prosp.A	Orizzontale	SLE RA 4	-6.409	-18.18	No	-896	17430	15	19.4593	Si
5437 Prosp.A	Orizzontale	SLE RA 4	-6.409	-18.18	No	-896	17430	15	19.4593	Si
5776 Prosp.A	Verticale	SLE RA 1	6.3846	-13.99	No	-854	17430	15	20.4031	Si
5778 Prosp.A	Orizzontale	SLE RA 1	5.4048	-19.03	No	-778	17430	15	22.4037	Si
5776 Prosp.A	Orizzontale	SLE RA 1	5.4048	-19.03	No	-778	17430	15	22.4037	Si
5771 Prosp.A	Verticale	SLE RA 1	-12.0609	-4.96	No	-765	17430	15	22.7849	Si
6065 Prosp.A	Verticale	SLE QP 1	7.8655	14.43	No	-541	13073	15	24.1856	Si
6333 Prosp.A	Verticale	SLE RA 1	-5.3452	-7.96	No	-692	17430	15	25.1893	Si
5768 Prosp.A	Orizzontale	SLE QP 1	3.4087	-15.22	No	-510	13073	15	25.6192	Si
6334 Prosp.A	Verticale	SLE QP 1	3.8021	-4.82	No	-487	13073	15	26.8412	Si
6068 Prosp.A	Verticale	SLE QP 4	-4.8731	5.91	No	-458	13073	15	28.554	Si
5778 Prosp.A	Verticale	SLE QP 4	-3.3498	-5.99	No	-440	13073	15	29.7177	Si
5821 Prosp.A	Orizzontale	SLE QP 1	5.1785	-24.12	No	-407	13073	15	32.088	Si
6065 Prosp.A	Verticale	SLE RA 1	7.8655	14.43	No	-541	17430	15	32.2475	Si
6068 Prosp.A	Verticale	SLE RA 7	-5.6076	6.67	No	-527	17430	15	33.0437	Si
6071 Prosp.A	Verticale	SLE QP 4	5.7281	14.22	No	-388	13073	15	33.651	Si
5768 Prosp.A	Orizzontale	SLE RA 1	3.4087	-15.22	No	-510	17430	15	34.159	Si
6339 Prosp.A	Verticale	SLE QP 4	-4.1465	19.74	No	-376	13073	15	34.7306	Si
5821 Prosp.A	Verticale	SLE QP 1	6.3251	4.4	No	-372	13073	15	35.1603	Si
5432 Prosp.A	Verticale	SLE QP 1	-2.914	-0.85	No	-367	13073	15	35.5739	Si
6334 Prosp.A	Verticale	SLE RA 1	3.8021	-4.82	No	-487	17430	15	35.7883	Si
6071 Prosp.A	Verticale	SLE RA 7	6.7623	13.28	No	-472	17430	15	36.8891	Si
5782 Prosp.A	Verticale	SLE QP 4	3.4474	10.05	No	-352	13073	15	37.0946	Si
5780 Prosp.A	Verticale	SLE QP 4	-3.6676	14.64	No	-350	13073	15	37.3128	Si
5778 Prosp.A	Verticale	SLE RA 7	-3.6552	-3.78	No	-463	17430	15	37.6547	Si
6339 Prosp.A	Verticale	SLE RA 7	-4.6775	16.33	No	-461	17430	15	37.7829	Si
5782 Prosp.A	Verticale	SLE RA 7	4.216	9.55	No	-448	17430	15	38.9142	Si
5780 Prosp.A	Verticale	SLE RA 7	-4.3081	13.68	No	-433	17430	15	40.2231	Si
6062 Prosp.A	Orizzontale	SLE QP 1	-5.3128	2.79	No	-320	13073	15	40.915	Si
6062 Prosp.A	Verticale	SLE QP 1	2.4231	-14.54	No	-318	13073	15	41.1367	Si
6061 Prosp.A	Orizzontale	SLE QP 1	-5.4938	7.98	No	-313	13073	15	41.802	Si
5783 Prosp.A	Verticale	SLE QP 4	5.8368	17.19	No	-308	13073	15	42.4256	Si
5821 Prosp.A	Orizzontale	SLE RA 1	5.1785	-24.12	No	-407	17430	15	42.7839	Si
6062 Prosp.A	Orizzontale	SLE QP 1	4.6729	2.04	No	-282	13073	15	46.3047	Si
5821 Prosp.A	Verticale	SLE RA 1	6.3251	4.4	No	-372	17430	15	46.8804	Si
5647 Prosp.A	Orizzontale	SLE QP 2	-1.643	-14.37	No	-277	13073	15	47.122	Si
5783 Prosp.A	Verticale	SLE RA 7	6.7047	14.78	No	-370	17430	15	47.1493	Si
5432 Prosp.A	Verticale	SLE RA 1	-2.914	-0.85	No	-367	17430	15	47.4319	Si
6060 Prosp.A	Orizzontale	SLE QP 1	-3.2824	9.04	No	-266	13073	15	49.1293	Si
5821 Prosp.A	Verticale	SLE QP 4	-4.1143	-0.35	No	-252	13073	15	51.8989	Si
6070 Prosp.A	Verticale	SLE RA 7	4.0869	14.38	No	-335	17430	15	51.9826	Si
5772 Prosp.A	Orizzontale	SLE QP 1	-1.3219	1.9	No	-249	13073	15	52.4105	Si
5771 Prosp.A	Orizzontale	SLE QP 1	-1.3219	1.9	No	-249	13073	15	52.4105	Si
6070 Prosp.A	Verticale	SLE QP 4	3.2074	14.92	No	-244	13073	15	53.4786	Si
6062 Prosp.A	Orizzontale	SLE RA 1	-5.3128	2.79	No	-320	17430	15	54.5533	Si
6062 Prosp.A	Verticale	SLE RA 1	2.4231	-14.54	No	-318	17430	15	54.8489	Si
6065 Prosp.A	Orizzontale	SLE QP 1	2.8975	-19.96	No	-238	13073	15	54.9024	Si
5768 Prosp.A	Verticale	SLE QP 4	-3.7332	-2.15	No	-235	13073	15	55.5633	Si
6061 Prosp.A	Orizzontale	SLE RA 1	-5.4938	7.98	No	-313	17430	15	55.736	Si
6062 Prosp.A	Orizzontale	SLE RA 1	4.6729	2.04	No	-282	17430	15	61.7396	Si
5647 Prosp.A	Orizzontale	SLE RA 4	-1.642	-14.57	No	-278	17430	15	62.5871	Si
6063 Prosp.A	Orizzontale	SLE QP 1	3.4039	1.76	No	-205	13073	15	63.8337	Si
6337 Prosp.A	Verticale	SLE RA 7	-2.1624	-1.95	No	-272	17430	15	64.0657	Si
5821 Prosp.A	Verticale	SLE RA 7	-4.6033	3.73	No	-269	17430	15	64.8149	Si
6060 Prosp.A	Orizzontale	SLE RA 1	-3.2824	9.04	No	-266	17430	15	65.5057	Si
5768 Prosp.A	Verticale	SLE RA 7	-4.407	3.37	No	-259	17430	15	67.2466	Si
5772 Prosp.A	Orizzontale	SLE RA 1	-1.3219	1.9	No	-249	17430	15	69.8807	Si
5771 Prosp.A	Orizzontale	SLE RA 1	-1.3219	1.9	No	-249	17430	15	69.8807	Si
6063 Prosp.A	Orizzontale	SLE QP 1	-3.1104	3.59	No	-181	13073	15	72.2231	Si
6065 Prosp.A	Orizzontale	SLE RA 1	2.8975	-19.96	No	-238	17430	15	73.2032	Si
5445 Prosp.A	Verticale	SLE QP 4	1.5452	2.91	No	-174	13073	15	75.3388	Si
6341 Prosp.A	Verticale	SLE RA 7	2.3215	9.13	No	-223	17430	15	78.2845	Si
6064 Prosp.A	Orizzontale	SLE QP 1	1.5729	-19.41	No	-158	13073	15	82.9845	Si
6063 Prosp.A	Orizzontale	SLE RA 1	3.4039	1.76	No	-205	17430	15	85.1116	Si
5445 Prosp.A	Verticale	SLE RA 7	1.6926	2.09	No	-197	17430	15	88.441	Si
6341 Prosp.A	Verticale	SLE QP 4	1.7237	10.01	No	-145	13073	15	89.9752	Si
6065 Prosp.A	Verticale	SLE QP 4	-1.8112	-1.18	No	-142	13073	15	92.0556	Si

Verifiche SLE tensione acciaio D.M. 17-01-18 §4.1.2.2.5.2

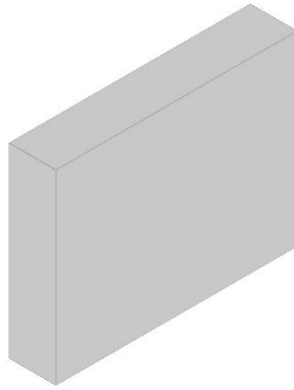
Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	of	of limite	Es/Ec	c.s.	Verifica
6336 Prosp.A	Verticale	SLE RA 1	14.1779	-1.31	No	17438	360000	15	20.6449	Si
6064 Prosp.A	Verticale	SLE RA 1	16.2497	-9.05	No	16070	360000	15	22.4015	Si
5775 Prosp.A	Verticale	SLE RA 1	12.1561	-15.88	No	13580	360000	15	26.5088	Si
6338 Prosp.A	Verticale	SLE RA 7	-9.0784	15.87	No	12717	360000	15	28.3075	Si
6067 Prosp.A	Verticale	SLE RA 7	-10.2199	14.12	No	11640	360000	15	30.9268	Si
6335 Prosp.A	Verticale	SLE RA 1	9.0557	1.33	No	11339	360000	15	31.7485	Si
6332 Prosp.A	Verticale	SLE RA 1	-9.5292	-13.21	No	10939	360000	15	32.9107	Si
5772 Prosp.A	Verticale	SLE RA 1	-8.4964	-7.14	No	9862	360000	15	36.5021	Si
6063 Prosp.A	Verticale	SLE RA 1	10.7019	-15.98	No	9809	360000	15	36.7011	Si

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	of	of limite	Es/Ec	c.s.	Verifica
5774 Prosp.A	Verticale	SLE RA 1	8.3025	-5.66	No	9757	360000	15	36.8961	Si
5779 Prosp.A	Verticale	SLE RA 7	-7.4193	6.12	No	9757	360000	15	36.8975	Si
6060 Prosp.A	Verticale	SLE RA 1	-12.6494	-8.76	No	9597	360000	15	37.5114	Si
6061 Prosp.A	Verticale	SLE RA 1	-8.8698	-9.11	No	8449	360000	15	42.6063	Si
5771 Prosp.A	Verticale	SLE RA 1	-12.0609	-4.96	No	7482	360000	15	48.116	Si
6339 Prosp.A	Verticale	SLE RA 7	-4.6775	16.33	No	7310	360000	15	49.249	Si
6065 Prosp.A	Verticale	SLE RA 1	7.8655	14.43	No	6989	360000	15	51.5084	Si
5776 Prosp.A	Verticale	SLE RA 1	6.3846	-13.99	No	6609	360000	15	54.4747	Si
5780 Prosp.A	Verticale	SLE RA 7	-4.3081	13.68	No	6606	360000	15	54.4972	Si
6068 Prosp.A	Verticale	SLE RA 7	-5.6076	6.67	No	6304	360000	15	57.1094	Si
6071 Prosp.A	Verticale	SLE RA 7	6.7623	13.28	No	6198	360000	15	58.0813	Si
5782 Prosp.A	Verticale	SLE RA 7	4.216	9.55	No	6110	360000	15	58.9215	Si
6333 Prosp.A	Verticale	SLE RA 1	-5.3452	-7.96	No	5881	360000	15	61.211	Si
5437 Prosp.A	Orizzontale	SLE RA 1	-6.3965	-17.12	No	5404	360000	15	66.6142	Si
5439 Prosp.A	Orizzontale	SLE RA 1	-6.3965	-17.12	No	5404	360000	15	66.6142	Si
6070 Prosp.A	Verticale	SLE RA 7	4.0869	14.38	No	5331	360000	15	67.5292	Si
5783 Prosp.A	Verticale	SLE RA 7	6.7047	14.78	No	4993	360000	15	72.1018	Si
6334 Prosp.A	Verticale	SLE RA 1	3.8021	-4.82	No	4261	360000	15	84.49	Si
5821 Prosp.A	Verticale	SLE RA 1	6.3251	4.4	No	4177	360000	15	86.1763	Si
5778 Prosp.A	Verticale	SLE RA 7	-3.6552	-3.78	No	4176	360000	15	86.202	Si
5776 Prosp.A	Orizzontale	SLE RA 1	5.4048	-19.03	No	4148	360000	15	86.7942	Si
5778 Prosp.A	Orizzontale	SLE RA 1	5.4048	-19.03	No	4148	360000	15	86.7942	Si
6341 Prosp.A	Verticale	SLE RA 7	2.3215	9.13	No	3723	360000	15	96.707	Si
6340 Prosp.A	Verticale	SLE RA 1	-1.6626	17.78	No	3710	360000	15	97.0321	Si
5432 Prosp.A	Verticale	SLE RA 1	-2.914	-0.85	No	3648	360000	15	98.6873	Si
6060 Prosp.A	Orizzontale	SLE RA 1	-3.2824	9.04	No	3383	360000	15	106.4172	Si
6061 Prosp.A	Orizzontale	SLE RA 1	-5.4938	7.98	No	3369	360000	15	106.8435	Si
5821 Prosp.A	Verticale	SLE RA 7	-4.6033	3.73	No	3065	360000	15	117.444	Si
6062 Prosp.A	Orizzontale	SLE RA 1	-5.3128	2.79	No	3050	360000	15	118.0215	Si
5768 Prosp.A	Verticale	SLE RA 7	-4.407	3.37	No	2937	360000	15	122.5576	Si
5781 Prosp.A	Verticale	SLE RA 1	-0.6701	20.53	No	2737	360000	15	131.5481	Si
6062 Prosp.A	Orizzontale	SLE RA 1	4.6729	2.04	No	2664	360000	15	135.158	Si
5772 Prosp.A	Orizzontale	SLE RA 1	-1.3219	1.9	No	2512	360000	15	143.3373	Si
5771 Prosp.A	Orizzontale	SLE RA 1	-1.3219	1.9	No	2512	360000	15	143.3373	Si
6337 Prosp.A	Verticale	SLE RA 7	-2.1624	-1.95	No	2497	360000	15	144.1578	Si
5445 Prosp.A	Verticale	SLE RA 7	1.6926	2.09	No	2365	360000	15	152.2479	Si
5768 Prosp.A	Orizzontale	SLE RA 1	3.4087	-15.22	No	2322	360000	15	155.0359	Si
6069 Prosp.A	Verticale	SLE RA 1	-1.5611	6.3	No	2099	360000	15	171.5325	Si
6063 Prosp.A	Orizzontale	SLE RA 1	3.4039	1.76	No	1953	360000	15	184.3234	Si
6063 Prosp.A	Orizzontale	SLE RA 1	-3.1104	3.59	No	1877	360000	15	191.8284	Si
5821 Prosp.A	Orizzontale	SLE RA 1	5.1785	-24.12	No	1789	360000	15	201.2119	Si
6062 Prosp.A	Verticale	SLE RA 7	2.4993	-12.34	No	1624	360000	15	221.6347	Si
6065 Prosp.A	Verticale	SLE RA 7	-1.9896	0.04	No	1557	360000	15	231.2168	Si
5782 Prosp.A	Orizzontale	SLE RA 7	0.6846	1.8	No	1424	360000	15	252.7293	Si
5783 Prosp.A	Orizzontale	SLE RA 7	0.6846	1.8	No	1424	360000	15	252.7293	Si
6061 Prosp.A	Orizzontale	SLE RA 1	2.3542	1.64	No	1362	360000	15	264.3772	Si
6071 Prosp.A	Orizzontale	SLE RA 6	1.1526	5.08	No	1322	360000	15	272.3059	Si
6070 Prosp.A	Orizzontale	SLE RA 7	2.1523	1.76	No	1257	360000	15	286.3604	Si
6069 Prosp.A	Orizzontale	SLE RA 7	1.8286	1.28	No	1065	360000	15	338.0267	Si
6337 Prosp.A	Verticale	SLE RA 1	0.3891	5.12	No	957	360000	15	376.0395	Si
5773 Prosp.A	Verticale	SLE RA 1	-0.5371	2.57	No	904	360000	15	398.2276	Si
5768 Prosp.A	Verticale	SLE RA 1	1.4276	-0.24	No	889	360000	15	404.9914	Si
6065 Prosp.A	Orizzontale	SLE RA 2	2.2951	-9.13	No	830	360000	15	433.9407	Si
6067 Prosp.A	Orizzontale	SLE RA 1	1.2548	2.35	No	800	360000	15	449.7829	Si
5647 Prosp.A	Orizzontale	SLE RA 6	0.5049	3.09	No	800	360000	15	449.9137	Si
6068 Prosp.A	Orizzontale	SLE RA 7	1.2329	2.48	No	793	360000	15	453.8262	Si
6069 Prosp.A	Orizzontale	SLE RA 1	-1.1096	2.77	No	739	360000	15	487.2748	Si
6060 Prosp.A	Orizzontale	SLE RA 1	0.7359	1.63	No	730	360000	15	493.0207	Si
6067 Prosp.A	Orizzontale	SLE RA 6	-1.4329	-2.24	No	685	360000	15	525.5663	Si
6064 Prosp.A	Orizzontale	SLE RA 1	-1.1003	1.63	No	682	360000	15	527.8395	Si
6064 Prosp.A	Orizzontale	SLE RA 1	1.877	-7.81	No	671	360000	15	536.698	Si
6065 Prosp.A	Orizzontale	SLE RA 6	-1.4266	-3.27	No	626	360000	15	575.3601	Si
6070 Prosp.A	Orizzontale	SLE RA 1	-0.6092	4.71	No	550	360000	15	654.4557	Si
5647 Prosp.A	Orizzontale	SLE RA 10	-1.3169	-9.8	No	518	360000	15	695.1203	Si
6068 Prosp.A	Orizzontale	SLE RA 7	-0.9118	0.07	No	505	360000	15	713.4475	Si
6071 Prosp.A	Orizzontale	SLE RA 1	-0.0166	6.56	No	476	360000	15	756.2514	Si
5772 Prosp.A	Orizzontale	SLE RA 10	0.2212	0.68	No	476	360000	15	756.8919	Si
5771 Prosp.A	Orizzontale	SLE RA 10	0.2212	0.68	No	476	360000	15	756.8919	Si
5781 Prosp.A	Verticale	SLE RA 10	0.0155	4.1	No	400	360000	15	899.3119	Si
5783 Prosp.A	Orizzontale	SLE RA 1	-0.0263	2.35	No	399	360000	15	902.0137	Si
5782 Prosp.A	Orizzontale	SLE RA 1	-0.0263	2.35	No	399	360000	15	902.0137	Si
5437 Prosp.A	Orizzontale	SLE RA 7	0.2077	1.33	No	348	360000	15	1033.0638	Si
5439 Prosp.A	Orizzontale	SLE RA 7	0.2077	1.33	No	348	360000	15	1033.0638	Si
5768 Prosp.A	Orizzontale	SLE RA 10	-0.1388	1.22	No	263	360000	15	1369.9592	Si
5432 Prosp.A	Verticale	SLE RA 7	0.1138	-0.31	No	116	360000	15	3099.9271	Si
5773 Prosp.A	Verticale	SLE RA 11	0.6826	-8.09	No	94	360000	15	3812.661	Si
5445 Prosp.A	Verticale	SLE RA 3	-0.0078	-0.89	No	-74	360000	15	4857.5525	Si
5778 Prosp.A	Verticale	SLE RA 2	0.0122	0.26	No	39	360000	15	9290.6473	Si
5821 Prosp.A	Orizzontale	SLE RA 7	-0.0448	-0.68	No	-7	360000	15	50245.9286	Si
6062 Prosp.A	Verticale	SLE RA 1	-0.0001	-0.09	No	-7	360000	15	53681.0321	Si
5771 Prosp.A	Verticale	SLE RA 10	0	-0.01	No	-1	360000	15	528179.3178	Si

Parete FILI 10-15

Verifiche condotte secondo D.M. 17-01-18 (N.T.C.)

Geometria



+ 10

Caratteristiche dei materiali

Acciaio: B450C Fyk 450000

Calcestruzzo: C28/35 Rck 35000

Livelli significativi

Descrizione breve	Descrizione	Quota	Spessore
L4	Livello soletta paratoie	2.2	0
L5	Livello stramazzi	2.62	0
L6	Livello coronamento	3.4	0

Verifiche nei nodi**Sezioni rettangolari**

Descrizione	Dir.	Base	Altezza	As,sup	As,inf	c,sup	c,inf
6332 Prosp.A	Verticale	0.5	0.3	0.000258	0.000258	0.047	0.047
6060 Prosp.A	Verticale	0.8	0.3	0.000414	0.000414	0.047	0.047
5771 Prosp.A	Verticale	1	0.3	0.000517	0.000517	0.047	0.047
6350 Prosp.A	Verticale	0.5	0.3	0.000385	0.000385	0.047	0.047
6345 Prosp.A	Verticale	0.5	0.3	0.000385	0.000385	0.047	0.047
5432 Prosp.A	Verticale	0.5	0.3	0.000258	0.000258	0.047	0.047
6058 Prosp.A	Verticale	0.8535	0.3	0.000616	0.000616	0.047	0.047
5452 Prosp.A	Verticale	0.5	0.3	0.000385	0.000385	0.047	0.047
5766 Prosp.A	Verticale	0.9673	0.3	0.00077	0.00077	0.047	0.047
6052 Prosp.A	Verticale	0.8827	0.3	0.000616	0.000616	0.047	0.047
5766 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
5452 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
5771 Prosp.A	Orizzontale	0.65	0.3	0.000616	0.000616	0.0625	0.0625
5467 Prosp.A	Verticale	0.5	0.3	0.000385	0.000385	0.047	0.047
6058 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
6052 Prosp.A	Orizzontale	0.9667	0.3	0.00077	0.00077	0.0622	0.0622
6027 Prosp.A	Orizzontale	0.5	0.3	0.000462	0.000462	0.0631	0.0631
5764 Prosp.A	Orizzontale	0.9667	0.3	0.000705	0.000705	0.0622	0.0622
5467 Prosp.A	Orizzontale	0.9667	0.3	0.00077	0.00077	0.0622	0.0622
5764 Prosp.A	Verticale	0.9215	0.3	0.00077	0.00077	0.047	0.047
5432 Prosp.A	Orizzontale	0.65	0.3	0.000616	0.000616	0.0625	0.0625
5727 Prosp.A	Orizzontale	0.5	0.3	0.000693	0.000693	0.0631	0.0631
6060 Prosp.A	Orizzontale	0.65	0.3	0.000601	0.000601	0.0625	0.0625
5477 Prosp.A	Orizzontale	0.5	0.3	0.000462	0.000462	0.0631	0.0631

Verifiche a flessione SLU D.M. 17-01-18 §4.1.2.3.4.2

La struttura è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione, per le combinazioni SLV, viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
6332 Prosp.A	Verticale	SLV 5	19.9817	-42.9	31.7565	-68.19	1.5893	Si
6060 Prosp.A	Verticale	SLV 5	24.5852	-39.71	46.9476	-75.84	1.9096	Si
5771 Prosp.A	Verticale	SLV 5	21.8429	-17.31	52.3938	-41.53	2.3987	Si
6332 Prosp.A	Verticale	SLV 11	-7.3758	17.16	-18.4146	42.85	2.4966	Si
6060 Prosp.A	Verticale	SLV 11	-8.4286	13.2	-31.8078	49.8	3.7738	Si
6350 Prosp.A	Verticale	SLV 11	2.2845	52.98	9.1548	212.3	4.0074	Si
6345 Prosp.A	Verticale	SLV 11	-4.1785	30.5	-18.3171	133.72	4.3837	Si
5432 Prosp.A	Verticale	SLV 5	3.907	9.55	18.2057	44.52	4.6598	Si
6058 Prosp.A	Verticale	SLV 11	-7.0984	31.6	-36.0989	160.71	5.0855	Si
5452 Prosp.A	Verticale	SLV 5	5.3421	6.34	30.3747	36.06	5.6859	Si
5766 Prosp.A	Verticale	SLV 5	12.7167	-12.31	77.7636	-75.28	6.1151	Si
6052 Prosp.A	Verticale	SLV 11	2.4878	51.76	15.7923	328.57	6.3479	Si
5771 Prosp.A	Verticale	SLV 11	-7.0906	2.2	-45.6771	14.15	6.4419	Si
6058 Prosp.A	Verticale	SLV 5	14.6966	-55.82	95.3795	-362.24	6.4899	Si
6345 Prosp.A	Verticale	SLV 5	9.3774	-43.21	67.8468	-312.64	7.2351	Si

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
5766 Prosp.A	Verticale	SLV 11	-7.9853	5.56	-63.9299	44.51	8.0059	Si
6350 Prosp.A	Verticale	SLV 3	-1.1809	23.81	-10.0836	203.28	8.539	Si
5452 Prosp.A	Verticale	SLV 11	-4.0883	-7.34	-43.5064	-78.16	10.6418	Si
5766 Prosp.A	Orizzontale	SLV 7	4.3947	14.24	47.4842	153.91	10.8049	Si
5452 Prosp.A	Orizzontale	SLV 11	-4.3391	12.54	-48.9679	141.51	11.2852	Si
5771 Prosp.A	Orizzontale	SLV 7	3.3911	9.5	38.6492	108.3	11.3974	Si
5467 Prosp.A	Verticale	SLV 11	-2.4838	4.24	-28.8069	49.15	11.5979	Si
6058 Prosp.A	Orizzontale	SLV 7	3.8215	15.01	44.8146	176.01	11.7269	Si
6052 Prosp.A	Verticale	SLV 3	-2.4831	14.89	-32.1094	192.5	12.9312	Si
6052 Prosp.A	Orizzontale	SLV 11	4.3136	5.12	56.8991	67.56	13.1907	Si
6027 Prosp.A	Orizzontale	SLV 5	-3.9893	-11.84	-55.6696	-165.17	13.9547	Si
5766 Prosp.A	Orizzontale	SLV 9	-5.6681	-9.31	-80.3299	-131.87	14.1722	Si
5764 Prosp.A	Orizzontale	SLV 11	3.971	-0.21	59.9535	-3.16	15.0979	Si
5467 Prosp.A	Orizzontale	SLV 11	-4.1838	-3.79	-72.0012	-65.24	17.2097	Si
6027 Prosp.A	Orizzontale	SLV 7	2.2151	-0.08	38.2644	-1.46	17.2746	Si
5764 Prosp.A	Verticale	SLV 5	-7.1147	-31.51	-129.6086	-574.04	18.217	Si
5771 Prosp.A	Orizzontale	SLV 9	-3.4076	-7.17	-65.9116	-138.66	19.3427	Si
5764 Prosp.A	Orizzontale	SLV 5	-4.7311	-17.04	-98.0073	-352.89	20.7155	Si
5432 Prosp.A	Orizzontale	SLV 1	-1.9097	4.57	-40.0738	96	20.9841	Si
5727 Prosp.A	Orizzontale	SLV 5	-3.5228	-8.94	-74.3402	-188.66	21.1023	Si
6052 Prosp.A	Orizzontale	SLV 9	-4.3339	-13.7	-98.4253	-311.07	22.7104	Si
6060 Prosp.A	Orizzontale	SLV 7	1.7893	3.4	40.9858	77.92	22.9062	Si
5764 Prosp.A	Verticale	SLV 11	1.0668	13.34	27.2289	340.62	25.5248	Si
5727 Prosp.A	Orizzontale	SLV 11	2.1717	-7.23	82.3619	-274.25	37.9257	Si
5432 Prosp.A	Verticale	SLV 11	-1.2895	-6.98	-57.9	-313.36	44.9006	Si
6058 Prosp.A	Orizzontale	SLV 9	-1.7858	-4.86	-93.6519	-255.01	52.4414	Si
5477 Prosp.A	Orizzontale	SLV 7	-1.6726	-13.09	-95.551	-747.62	57.1265	Si
5467 Prosp.A	Verticale	SLV 5	1.2295	-27.49	77.7159	-1737.34	63.2098	Si
5432 Prosp.A	Orizzontale	SLV 13	0.5084	2	35.1222	138.4	69.0838	Si
5452 Prosp.A	Orizzontale	SLV 13	0.5084	2	44.7712	176.42	88.063	Si
6060 Prosp.A	Orizzontale	SLV 15	-0.5026	-1.52	-73.5309	-223.1	146.3147	Si
5477 Prosp.A	Orizzontale	SLV 13	0.5526	-7.11	96.1655	-1237.46	174.0379	Si
5467 Prosp.A	Orizzontale	SLV 13	0.5526	-7.11	182.7925	-2352.17	330.8132	Si

Verifiche a flessione SLD Resistenza D.M. 17-01-18 §4.1.2.3.4.2

La struttura è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
6332 Prosp.A	Verticale	SLD 5	13.4968	-27.99	31.4025	-65.12	2.3267	Si
6060 Prosp.A	Verticale	SLD 5	16.938	-26.58	46.6381	-73.19	2.7535	Si
5771 Prosp.A	Verticale	SLD 5	15.3292	-12.47	52.537	-42.74	3.4273	Si
5432 Prosp.A	Verticale	SLD 5	2.9301	5.46	19.2781	35.95	6.5793	Si
6350 Prosp.A	Verticale	SLD 11	0.6838	28.33	5.8898	244	8.6131	Si
5452 Prosp.A	Verticale	SLD 5	3.146	2.77	31.3824	27.59	9.9753	Si
6058 Prosp.A	Verticale	SLD 5	9.2639	-34.05	93.4376	-343.48	10.0863	Si
5766 Prosp.A	Verticale	SLD 5	7.7094	-9.1	79.9177	-94.35	10.3663	Si
6345 Prosp.A	Verticale	SLD 5	6.0002	-24.91	62.6912	-260.28	10.4482	Si
6350 Prosp.A	Verticale	SLD 3	-1.2075	12.94	-14.9348	160.02	12.3683	Si
6052 Prosp.A	Verticale	SLD 11	0.7127	26.8	10.1852	383.01	14.2916	Si
5452 Prosp.A	Orizzontale	SLD 1	-3.3774	5.51	-55.0967	89.92	16.3134	Si
6052 Prosp.A	Verticale	SLD 3	-2.416	4.92	-44.7547	91.11	18.5239	Si
6332 Prosp.A	Verticale	SLD 11	-0.9486	2.61	-17.6806	48.68	18.6394	Si
5771 Prosp.A	Orizzontale	SLD 7	2.0798	5.51	39.1735	103.77	18.8356	Si
6058 Prosp.A	Orizzontale	SLD 7	2.3494	8.29	46.3396	163.45	19.7237	Si
5467 Prosp.A	Verticale	SLD 5	-2.4408	-7.11	-51.2165	-149.09	20.9836	Si
5766 Prosp.A	Orizzontale	SLD 11	1.9361	8.7	42.8211	192.45	22.1175	Si
5766 Prosp.A	Orizzontale	SLD 9	-3.2095	-3.28	-74.0907	-75.64	23.0846	Si
6027 Prosp.A	Orizzontale	SLD 5	-2.4425	-9.05	-62.1744	-230.31	25.4554	Si
5432 Prosp.A	Orizzontale	SLD 1	-1.457	4.3	-38.1501	112.56	26.1836	Si
5764 Prosp.A	Verticale	SLD 5	-4.7849	-22.97	-138.0769	-662.91	28.8568	Si
6345 Prosp.A	Verticale	SLD 11	-0.4463	6	-13.0243	175.11	29.1806	Si
6060 Prosp.A	Verticale	SLD 11	-0.9486	2.61	-28.2889	77.89	29.823	Si
5467 Prosp.A	Orizzontale	SLD 1	-3.3117	-10.71	-99.5434	-321.89	30.0585	Si
6058 Prosp.A	Verticale	SLD 11	-1.3069	3.64	-41.6537	115.99	31.8714	Si
6060 Prosp.A	Orizzontale	SLD 1	1.6535	-1.21	54.208	-39.75	32.7831	Si
5766 Prosp.A	Verticale	SLD 11	-2.3502	-3.33	-82.4124	-116.61	35.0665	Si
5771 Prosp.A	Orizzontale	SLD 9	-1.773	-3.18	-63.2355	-113.24	35.6658	Si
5764 Prosp.A	Orizzontale	SLD 5	-2.6856	-10.7	-104.5235	-416.58	38.9195	Si
6052 Prosp.A	Orizzontale	SLD 11	1.6999	-0.85	68.5336	-34.2	40.3165	Si
6052 Prosp.A	Orizzontale	SLD 9	-2.4431	-7.87	-99.3709	-320.25	40.6735	Si
5727 Prosp.A	Orizzontale	SLD 5	-2.0855	-8.51	-91.0658	-371.78	43.666	Si
5452 Prosp.A	Verticale	SLD 11	-1.4751	-6.7	-67.0595	-304.55	45.4611	Si
5764 Prosp.A	Orizzontale	SLD 11	1.5495	-4.94	91.7252	-292.56	59.1958	Si
5771 Prosp.A	Verticale	SLD 11	-0.6219	1.16	-38.5708	71.8	62.0166	Si
5477 Prosp.A	Orizzontale	SLD 1	-1.3186	-13.41	-97.4362	-990.9	73.8917	Si
5764 Prosp.A	Verticale	SLD 11	0.2846	4.74	22.8464	380.56	80.2628	Si
6058 Prosp.A	Orizzontale	SLD 9	-0.9013	-0.82	-73.0692	-66.5	81.0673	Si
5467 Prosp.A	Verticale	SLD 5	0.525	-16.66	61.6464	-1956.2	117.4131	Si
6027 Prosp.A	Orizzontale	SLD 7	0.6238	-3.23	78.7386	-408.18	126.2208	Si
5727 Prosp.A	Orizzontale	SLD 11	0.735	-7.66	105.39	-1097.97	143.3876	Si
5432 Prosp.A	Orizzontale	SLD 13	0.2071	1.27	29.8374	182.76	144.0751	Si
5452 Prosp.A	Orizzontale	SLD 13	0.2071	1.27	37.9365	232.37	183.1833	Si
5477 Prosp.A	Orizzontale	SLD 13	0.2794	-6.84	73.6918	-1802.97	263.7119	Si
5467 Prosp.A	Orizzontale	SLD 13	0.2794	-6.84	140.3379	-3433.56	502.2105	Si
5432 Prosp.A	Verticale	SLD 11	-0.1169	-1.05	-92.365	-832.26	790.4535	Si
6060 Prosp.A	Orizzontale	SLD 15	-0.0477	-0.72	-120.6417	-1828.6	2530.6807	Si

Verifiche a taglio SLU D.M. 17-01-18 §4.1.2.3.5

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
6345 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 5	-31.7	-49.33	8.12	68.2	329.59	0	68.2	2.5	0.0003848	2.1514	Si
6332 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 5	-23.41	-42.9	19.9817	67.39	328.75	0	67.39	2.5	0.0002585	2.8785	Si
6058 Prosp.A	Verticale	0.253	0.854	Non necessaria	0	SLV 5	-36.19	-50.4	13.2393	112.14	558.19	0	112.14	2.5	0.0006158	3.0989	Si
5467 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 11	18.16	4.24	-2.4838	61.96	323.13	0	61.96	2.5	0.0003848	3.4125	Si
6350 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 5	-16.82	-46.3	-4.2923	67.82	329.19	0	67.82	2.5	0.0003848	4.032	Si

Vano di equalizzazione e sedimentazione meccanica

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
5764 Prosp.A	Verticale	0.253	0.921	Non necessaria	0	SLV 5	-29.03	-55.34	-3.186	121.19	602.76	0	121.19	2.5	0.0007697	4.1743	Si
5771 Prosp.A	Orizzontale	0.237	0.65	Non necessaria	0	SLV 9	19.45	-7.17	-3.4076	81.23	395.15	0	81.23	2.5	0.0006158	4.176	Si
6052 Prosp.A	Verticale	0.253	0.883	Non necessaria	0	SLV 5	-27.37	-54.11	-6.8129	116.23	577.52	0	116.23	2.5	0.0006158	4.2473	Si
6060 Prosp.A	Verticale	0.253	0.8	Non necessaria	0	SLV 5	-23.98	-41.11	22.6208	104.34	522.39	0	104.34	2.5	0.0004135	4.3505	Si
6058 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 9	21.08	-11.21	-1.3031	120.8	611.89	0	120.8	2.5	0.0007697	5.7305	Si
5766 Prosp.A	Verticale	0.253	0.967	Non necessaria	0	SLV 5	-20.75	-29.58	14.3468	123.61	629.01	0	123.61	2.5	0.0007697	5.9586	Si
5452 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 5	-8.7	-4.18	6.3546	62.49	323.68	0	62.49	2.5	0.0003848	7.1831	Si
5771 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 1	-16.23	-14.33	16.048	125.73	648.14	0	125.73	2.5	0.0005169	7.7464	Si
5467 Prosp.A	Orizzontale	0.238	0.967	Non necessaria	0	SLV 7	12.86	-5.2	-4.2387	115.71	587.75	0	115.71	2.5	0.0007697	8.9965	Si
5477 Prosp.A	Orizzontale	0.237	0.5	Non necessaria	0	SLV 7	6.86	-13.09	-1.6726	62.81	304.24	0	62.81	2.5	0.0004618	9.1502	Si
5452 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 7	11.31	12.7	-4.2522	119.46	610.5	0	119.46	2.5	0.0007697	10.5659	Si
5727 Prosp.A	Orizzontale	0.237	0.5	Non necessaria	0	SLV 7	6.63	-7.38	2.0702	71	303.54	0	71	2.5	0.0006928	10.7092	Si
5432 Prosp.A	Orizzontale	0.237	0.65	Non necessaria	0	SLV 3	6.8	5.14	-1.7325	80.38	394.27	0	80.38	2.5	0.0006158	11.8285	Si
6060 Prosp.A	Orizzontale	0.237	0.65	Non necessaria	0	SLV 9	5.54	-5.68	1.5354	80.41	394.97	0	80.41	2.5	0.0006009	14.5034	Si
6027 Prosp.A	Orizzontale	0.237	0.5	Non necessaria	0	SLV 9	-4.21	-9.75	-3.3487	62.41	303.83	0	62.41	2.5	0.0004618	14.8302	Si
5764 Prosp.A	Orizzontale	0.238	0.967	Non necessaria	0	SLV 7	7.09	-1.23	2.1688	115.24	587.26	0	115.24	2.5	0.0007051	16.2442	Si
5766 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 3	7.32	4.69	2.3933	119.46	610.5	0	119.46	2.5	0.0007697	16.324	Si
5432 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 3	-2.99	-3.93	1.649	62.46	323.65	0	62.46	2.5	0.0002585	20.8588	Si
6052 Prosp.A	Orizzontale	0.238	0.967	Non necessaria	0	SLV 9	3.33	-9.78	-3.9121	116.26	588.32	0	116.26	2.5	0.0007697	34.8885	Si

Verifiche a taglio SLD Resistenza D.M. 17-01-18 §4.1.2.3.5

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
6345 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 5	-20.92	-31.67	5.1183	65.97	327.28	0	65.97	2.5	0.0003848	3.1532	Si
6332 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 5	-15.69	-27.99	13.4968	65.5	326.79	0	65.5	2.5	0.0002585	4.1756	Si
6058 Prosp.A	Verticale	0.253	0.854	Non necessaria	0	SLD 5	-24.61	-32.79	8.2225	109.92	555.88	0	109.92	2.5	0.0006158	4.4661	Si
6350 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 5	-10.91	-21.65	-2.6418	64.7	325.96	0	64.7	2.5	0.0003848	5.929	Si
6060 Prosp.A	Verticale	0.253	0.8	Non necessaria	0	SLD 5	-16.46	-27.19	15.7812	102.58	520.57	0	102.58	2.5	0.0004135	6.2308	Si
5467 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 11	9.4	-5.31	-1.1987	62.63	323.83	0	62.63	2.5	0.0003848	6.6603	Si
6052 Prosp.A	Verticale	0.253	0.883	Non necessaria	0	SLD 5	-16.65	-28.84	-4.3653	113.03	574.22	0	113.03	2.5	0.0006158	6.7889	Si
5771 Prosp.A	Orizzontale	0.237	0.65	Non necessaria	0	SLD 9	11.7	-3.18	-1.773	80.76	394.66	0	80.76	2.5	0.0006158	6.9028	Si
5764 Prosp.A	Verticale	0.253	0.921	Non necessaria	0	SLD 5	-15.29	-38.76	-2.4552	119.1	600.6	0	119.1	2.5	0.0007697	7.7877	Si
5766 Prosp.A	Verticale	0.253	0.967	Non necessaria	0	SLD 5	-13.5	-20.69	8.771	122.49	627.85	0	122.49	2.5	0.0007697	9.0725	Si
6058 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 9	12.5	-4.89	-0.4536	120.04	611.11	0	120.04	2.5	0.0007697	9.6067	Si
5771 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 1	-12.37	-11.54	12.8204	125.38	647.77	0	125.38	2.5	0.0005169	10.1333	Si
5452 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 5	-5.75	-4.82	3.7422	62.57	323.76	0	62.57	2.5	0.0003848	10.8896	Si
5452 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 7	8.26	9.52	-2.7332	119.46	610.5	0	119.46	2.5	0.0007697	14.4622	Si
5467 Prosp.A	Orizzontale	0.238	0.967	Non necessaria	0	SLD 7	7.85	-7.1	-2.3943	115.94	587.99	0	115.94	2.5	0.0007697	14.7605	Si
5432 Prosp.A	Orizzontale	0.237	0.65	Non necessaria	0	SLD 3	4.86	4.6	-1.4119	80.38	394.27	0	80.38	2.5	0.0006158	16.5368	Si
5477 Prosp.A	Orizzontale	0.237	0.5	Non necessaria	0	SLD 7	3.51	-12.8	-0.8662	62.77	304.2	0	62.77	2.5	0.0004618	17.8912	Si
5766 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 3	5.75	3.54	1.8679	119.46	610.5	0	119.46	2.5	0.0007697	20.7786	Si
5727 Prosp.A	Orizzontale	0.237	0.5	Non necessaria	0	SLD 7	3.41	-7.82	0.7025	71.05	303.59	0	71.05	2.5	0.0006928	20.8626	Si
6027 Prosp.A	Orizzontale	0.237	0.5	Non necessaria	0	SLD 9	-2.92	-8.31	-2.1103	62.24	303.65	0	62.24	2.5	0.0004618	21.2928	Si
6060 Prosp.A	Orizzontale	0.237	0.65	Non necessaria	0	SLD 9	3.24	-3.54	1.1709	80.15	394.71	0	80.15	2.5	0.0006009	24.7606	Si
5764 Prosp.A	Orizzontale	0.238	0.967	Non necessaria	0	SLD 7	4.64	4.44	0.6376	115.09	587.11	0	115.09	2.5	0.0007051	24.7997	Si
5432 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 3	-2.02	-1.44	1.6175	62.14	323.32	0	62.14	2.5	0.0002585	30.7616	Si
6052 Prosp.A	Orizzontale	0.238	0.967	Non necessaria	0	SLD 13	-2.42	-7.76	0.2037	116.02	588.07	0	116.02	2.5	0.0007697	47.9227	Si

Verifiche SLE tensione calcestruzzo D.M. 17-01-18 §4.1.2.2.5.1

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	oc	oc limite	Es/Ec	c.s.	Verifica
6332 Prosp.A	Verticale	SLE QP 1	8.1694	-17.94	No	-1129	13073	15	11.5812	Si
6060 Prosp.A	Verticale	SLE QP 1	10.5262	-17.4	No	-886	13073	15	14.7485	Si
6332 Prosp.A	Verticale	SLE RA 1	8.1694	-17.94	No	-1129	17430	15	15.4416	Si
6060 Prosp.A	Verticale	SLE RA 1	10.5262	-17.4	No	-886	17430	15	19.6646	Si
5771 Prosp.A	Verticale	SLE QP 1	9.8564	-8.32	No	-639	13073	15	20.4675	Si
6345 Prosp.A	Verticale	SLE QP 1	3.4404	-14.86	No	-506	13073	15	25.8513	Si
5771 Prosp.A	Verticale	SLE RA 1	9.8564	-8.32	No	-639	17430	15	27.29	Si
6058 Prosp.A	Verticale	SLE QP 1	5.1376	-19.34	No	-435	13073	15	30.0803	Si
6345 Prosp.A	Verticale	SLE RA 1	3.4404	-14.86	No	-506	17430	15	34.4684	Si

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	oc	oc limite	Es/Ec	c.s.	Verifica
6058 Prosp.A	Verticale	SLE RA 1	5.1376	-19.34	No	-435	17430	15	40.1071	Si
5766 Prosp.A	Verticale	SLE QP 1	4.3787	-10.42	No	-305	13073	15	42.9307	Si
6350 Prosp.A	Verticale	SLE QP 1	-1.4336	-14.2	No	-260	13073	15	50.2274	Si
5432 Prosp.A	Verticale	SLE QP 1	2.2384	3.73	No	-254	13073	15	51.3748	Si
5467 Prosp.A	Verticale	SLE QP 4	-1.3582	-14.23	No	-251	13073	15	51.9929	Si
6052 Prosp.A	Verticale	SLE QP 1	-2.4552	-19.83	No	-239	13073	15	54.7429	Si
5766 Prosp.A	Verticale	SLE RA 1	4.3787	-10.42	No	-305	17430	15	57.2409	Si
5764 Prosp.A	Verticale	SLE QP 4	-2.2983	-22.79	No	-225	13073	15	58.1529	Si
5467 Prosp.A	Verticale	SLE RA 7	-1.2932	-17.75	No	-265	17430	15	65.6787	Si
5452 Prosp.A	Verticale	SLE QP 1	1.5817	-1.07	No	-197	13073	15	66.4329	Si
6350 Prosp.A	Verticale	SLE RA 1	-1.4336	-14.2	No	-260	17430	15	66.9699	Si
5432 Prosp.A	Verticale	SLE RA 1	2.2384	3.73	No	-254	17430	15	68.4998	Si
6052 Prosp.A	Verticale	SLE RA 1	-2.4552	-19.83	No	-239	17430	15	72.9906	Si
5764 Prosp.A	Verticale	SLE RA 7	-2.1772	-28.38	No	-236	17430	15	73.9736	Si
5452 Prosp.A	Verticale	SLE RA 1	1.5817	-1.07	No	-197	17430	15	88.5772	Si
5467 Prosp.A	Orizzontale	SLE QP 2	-1.621	-6.6	No	-124	13073	15	105.0706	Si
5477 Prosp.A	Orizzontale	SLE QP 1	-0.5661	-8.31	No	-120	13073	15	109.1408	Si
5452 Prosp.A	Orizzontale	SLE QP 4	-2.1068	6.41	No	-110	13073	15	118.7878	Si
5764 Prosp.A	Orizzontale	SLE QP 4	1.1503	-10.72	No	-108	13073	15	120.7512	Si
6060 Prosp.A	Orizzontale	SLE QP 2	0.9514	-2.16	No	-99	13073	15	131.6317	Si
5766 Prosp.A	Orizzontale	SLE QP 1	-1.3477	-4.08	No	-96	13073	15	136.5575	Si
5467 Prosp.A	Orizzontale	SLE RA 3	-1.7221	-5.3	No	-127	17430	15	137.573	Si
6052 Prosp.A	Orizzontale	SLE QP 2	1.0801	-7.13	No	-92	13073	15	142.6563	Si
5477 Prosp.A	Orizzontale	SLE RA 1	-0.5661	-8.31	No	-120	17430	15	145.5211	Si
5452 Prosp.A	Orizzontale	SLE RA 7	-2.372	8.75	No	-119	17430	15	146.2739	Si
5771 Prosp.A	Orizzontale	SLE QP 1	-0.8424	-1.94	No	-88	13073	15	148.7925	Si
6058 Prosp.A	Orizzontale	SLE QP 2	1.1948	-3.49	No	-84	13073	15	154.7796	Si
5764 Prosp.A	Orizzontale	SLE RA 9	1.3281	-8.08	No	-111	17430	15	156.7704	Si
6027 Prosp.A	Orizzontale	SLE QP 1	-0.4131	-5.07	No	-81	13073	15	160.7787	Si
6060 Prosp.A	Orizzontale	SLE RA 3	0.9924	-1.72	No	-101	17430	15	172.4006	Si
5766 Prosp.A	Orizzontale	SLE RA 1	-1.3477	-4.08	No	-96	17430	15	182.0766	Si
6052 Prosp.A	Orizzontale	SLE RA 4	1.0763	-6.93	No	-91	17430	15	192.1019	Si
5432 Prosp.A	Orizzontale	SLE QP 4	-0.9235	3.92	No	-68	13073	15	192.2448	Si
5771 Prosp.A	Orizzontale	SLE QP 4	0.7761	1.17	No	-67	13073	15	194.7736	Si
5771 Prosp.A	Orizzontale	SLE RA 1	-0.8424	-1.94	No	-88	17430	15	198.39	Si
5771 Prosp.A	Orizzontale	SLE RA 7	1.097	3.15	No	-88	17430	15	198.4925	Si
6058 Prosp.A	Orizzontale	SLE RA 4	1.2076	-3.24	No	-84	17430	15	206.2891	Si
5727 Prosp.A	Orizzontale	SLE QP 1	0.3279	-3.96	No	-62	13073	15	212.3961	Si
6027 Prosp.A	Orizzontale	SLE RA 1	-0.4131	-5.07	No	-81	17430	15	214.3716	Si
5432 Prosp.A	Orizzontale	SLE RA 7	-1.0912	4.55	No	-81	17430	15	215.8819	Si
6027 Prosp.A	Orizzontale	SLE QP 1	0.2629	-3.3	No	-52	13073	15	250.316	Si
5766 Prosp.A	Orizzontale	SLE QP 4	0.7912	-0.14	No	-49	13073	15	265.5551	Si
5727 Prosp.A	Orizzontale	SLE RA 1	0.3279	-3.96	No	-62	17430	15	283.1948	Si
5727 Prosp.A	Orizzontale	SLE QP 4	-0.1286	-5.15	No	-45	13073	15	289.1916	Si
6052 Prosp.A	Orizzontale	SLE QP 1	-0.4644	-4	No	-42	13073	15	308.4813	Si
5477 Prosp.A	Orizzontale	SLE QP 2	0.0885	-4.77	No	-40	13073	15	327.38	Si
6027 Prosp.A	Orizzontale	SLE RA 1	0.2629	-3.3	No	-52	17430	15	333.7547	Si
5766 Prosp.A	Orizzontale	SLE RA 9	1.0784	5.24	No	-50	17430	15	346.7302	Si
5764 Prosp.A	Orizzontale	SLE QP 1	-0.3514	-4.4	No	-37	13073	15	356.4466	Si
5727 Prosp.A	Orizzontale	SLE RA 7	-0.1034	-5.95	No	-47	17430	15	371.1551	Si
6052 Prosp.A	Orizzontale	SLE RA 1	-0.4644	-4	No	-42	17430	15	411.3084	Si
5477 Prosp.A	Orizzontale	SLE RA 4	0.0859	-4.87	No	-40	17430	15	433.4258	Si
5764 Prosp.A	Orizzontale	SLE RA 1	-0.3514	-4.4	No	-37	17430	15	475.2622	Si
6058 Prosp.A	Orizzontale	SLE QP 1	-0.3745	-0.85	No	-26	13073	15	508.0526	Si
5467 Prosp.A	Orizzontale	SLE QP 2	0.0885	-4.77	No	-21	13073	15	625.7703	Si
6058 Prosp.A	Orizzontale	SLE RA 1	-0.3745	-0.85	No	-26	17430	15	677.4035	Si
5467 Prosp.A	Orizzontale	SLE RA 4	0.0859	-4.87	No	-21	17430	15	828.461	Si
5432 Prosp.A	Orizzontale	SLE QP 1	0.159	1.31	No	-9	13073	15	1493.8697	Si
5432 Prosp.A	Orizzontale	SLE RA 1	0.159	1.31	No	-9	17430	15	1991.8262	Si
5452 Prosp.A	Orizzontale	SLE QP 1	0.159	1.31	No	-6	13073	15	2269.4353	Si
5452 Prosp.A	Orizzontale	SLE RA 1	0.159	1.31	No	-6	17430	15	3025.9138	Si

Verifiche SLE tensione acciaio D.M. 17-01-18 §4.1.2.2.5.2

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	of	of limite	Es/Ec	c.s.	Verifica
6332 Prosp.A	Verticale	SLE RA 1	8.1694	-17.94	No	8749	360000	15	41.148	Si
6060 Prosp.A	Verticale	SLE RA 1	10.5262	-17.4	No	7385	360000	15	48.7467	Si
5771 Prosp.A	Verticale	SLE RA 1	9.8564	-8.32	No	5911	360000	15	60.9005	Si
5432 Prosp.A	Verticale	SLE RA 1	2.2384	3.73	No	3220	360000	15	111.8135	Si
6345 Prosp.A	Verticale	SLE RA 4	3.2094	-11.72	No	2886	360000	15	124.725	Si
6058 Prosp.A	Verticale	SLE RA 1	5.1376	-19.34	No	2694	360000	15	133.6413	Si
5766 Prosp.A	Verticale	SLE RA 1	4.3787	-10.42	No	2295	360000	15	156.8648	Si
6350 Prosp.A	Verticale	SLE RA 7	-0.8726	12.57	No	2248	360000	15	160.1299	Si
5452 Prosp.A	Verticale	SLE RA 1	1.4541	1.85	No	1972	360000	15	182.5181	Si
5452 Prosp.A	Orizzontale	SLE RA 7	-2.372	8.75	No	1708	360000	15	210.7831	Si
5467 Prosp.A	Verticale	SLE RA 1	-1.597	-3.35	No	1666	360000	15	216.0444	Si
6052 Prosp.A	Verticale	SLE RA 7	-1.7884	1.82	No	1363	360000	15	264.1903	Si
5764 Prosp.A	Verticale	SLE RA 1	-2.7549	-11.77	No	1246	360000	15	288.8506	Si
5432 Prosp.A	Orizzontale	SLE RA 7	-1.0912	4.55	No	1228	360000	15	293.169	Si
5771 Prosp.A	Orizzontale	SLE RA 7	1.097	3.15	No	1135	360000	15	317.2774	Si
5467 Prosp.A	Orizzontale	SLE RA 7	-1.864	-1.92	No	966	360000	15	372.8436	Si
5766 Prosp.A	Orizzontale	SLE RA 7	1.1335	6.37	No	918	360000	15	392.1894	Si
6058 Prosp.A	Orizzontale	SLE RA 7	1.2955	2.69	No	836	360000	15	430.6617	Si
6060 Prosp.A	Orizzontale	SLE RA 7	0.9871	-0.69	No	775	360000	15	464.4969	Si
5771 Prosp.A	Orizzontale	SLE RA 1	-0.8424	-1.94	No	565	360000	15	637.2291	Si
5766 Prosp.A	Orizzontale	SLE RA 1	-1.3477	-4.08	No	550	360000	15	654.4994	Si
6052 Prosp.A	Orizzontale	SLE RA 7	0.9561	-2.75	No	411	360000	15	876.1521	Si
5764 Prosp.A	Orizzontale	SLE RA 7	1.3162	-7.48	No	391	360000	15	920.6193	Si
6027 Prosp.A	Orizzontale	SLE RA 7	0.2598	0.91	No	365	360000	15	986.319	Si
5477 Prosp.A	Orizzontale	SLE RA 1	0.0991	-4.56	No	-310	360000	15	1161.6409	Si
5432 Prosp.A	Orizzontale	SLE RA 1	0.159	1.31	No	224	360000	15	1605.8217	Si
6058 Prosp.A	Orizzontale	SLE RA 6	-0.1859	2.09	No	199	360000	15	1810.2753	Si
5467 Prosp.A	Orizzontale	SLE RA 1	0.0991	-4.56	No	-162	360000	15	2218.6577	Si
5727 Prosp.A	Orizzontale	SLE RA 1	-0.1774	-3.82	No	-151	360000	15	2384.646	Si
5452 Prosp.A	Orizzontale	SLE RA 1	0.159	1.31	No	148	360000	15	2433.564	Si
5764 Prosp.A	Orizzontale	SLE RA 6	-0.0702	1.36	No	106	360000	15	3404.2487	Si
6052 Prosp.A	Orizzontale	SLE RA 1	-0.4644	-4	No	72	360000	15	5004.0397	Si
5727 Prosp.A	Orizzontale	SLE RA 7	0.2657	-2.5	No	57	360000	15	6317.0326	Si
5477 Prosp.A	Orizzontale	SLE RA 6	-0.5567	-6.89	No	-27	360000	15	13489.1606	Si

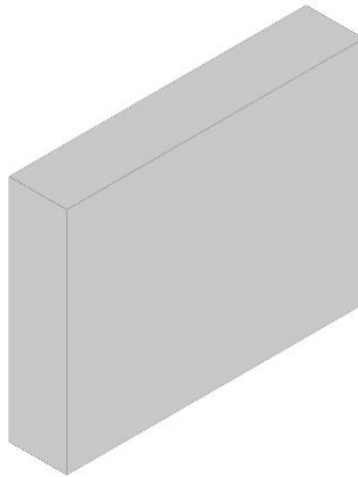
Vano di equalizzazione e sedimentazione meccanica

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	of	of limite	Es/Ec	c.s.	Verifica
6027 Prosp.A	Orizzontale	SLE RA 1	-0.4131	-5.07	No	-15	360000	15	23334.1247	Si

Parete FILI 12-17

Verifiche condotte secondo D.M. 17-01-18 (N.T.C.)

Geometria



Caratteristiche dei materiali

Acciaio: B450C Fyk 450000

Calcestruzzo: C28/35 Rck 35000

Livelli significativi

Descrizione breve	Descrizione	Quota	Spessore
L4	Livello soletta paratoie	2.2	0
L5	Livello stramazzi	2.62	0
L6	Livello coronamento	3.4	0

Verifiche nei nodi

Sezioni rettangolari

Descrizione	Dir.	Base	Altezza	As,sup	As,inf	c,sup	c,inf
6342 Prosp.A	Verticale	0.5	0.3	0.000258	0.000258	0.047	0.047
6071 Prosp.A	Verticale	0.8	0.3	0.000414	0.000414	0.047	0.047
5783 Prosp.A	Verticale	1	0.3	0.000517	0.000517	0.047	0.047
6346 Prosp.A	Verticale	0.5	0.3	0.000385	0.000385	0.047	0.047
6351 Prosp.A	Verticale	0.5	0.3	0.000385	0.000385	0.047	0.047
6059 Prosp.A	Verticale	0.8535	0.3	0.000616	0.000616	0.047	0.047
6053 Prosp.A	Verticale	0.8827	0.3	0.000616	0.000616	0.047	0.047
5767 Prosp.A	Verticale	0.9673	0.3	0.00077	0.00077	0.047	0.047
5459 Prosp.A	Verticale	0.5	0.3	0.000385	0.000385	0.047	0.047
5474 Prosp.A	Verticale	0.5	0.3	0.000385	0.000385	0.047	0.047
5765 Prosp.A	Orizzontale	0.9667	0.3	0.000705	0.000705	0.0622	0.0622
5445 Prosp.A	Verticale	0.5	0.3	0.000258	0.000258	0.047	0.047
5765 Prosp.A	Verticale	0.9215	0.3	0.00077	0.00077	0.047	0.047
5767 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
6053 Prosp.A	Orizzontale	0.9667	0.3	0.00077	0.00077	0.0622	0.0622
6037 Prosp.A	Orizzontale	0.5	0.3	0.000462	0.000462	0.0631	0.0631
5474 Prosp.A	Orizzontale	0.9667	0.3	0.00077	0.00077	0.0622	0.0622
5459 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
5783 Prosp.A	Orizzontale	0.65	0.3	0.000616	0.000616	0.0625	0.0625
5737 Prosp.A	Orizzontale	0.5	0.3	0.000693	0.000693	0.0631	0.0631
6059 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
6071 Prosp.A	Orizzontale	0.65	0.3	0.000601	0.000601	0.0625	0.0625
5445 Prosp.A	Orizzontale	0.65	0.3	0.000616	0.000616	0.0625	0.0625
5487 Prosp.A	Orizzontale	0.5	0.3	0.000462	0.000462	0.0631	0.0631

Verifiche a flessione SLU D.M. 17-01-18 §4.1.2.3.4.2

La struttura è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione, per le combinazioni SLV, viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
6342 Prosp.A	Verticale	SLV 7	18.4153	39.25	18.7714	40.01	1.0193	Si
6071 Prosp.A	Verticale	SLV 7	22.9751	36.84	31.6824	50.8	1.379	Si
5783 Prosp.A	Verticale	SLV 7	20.7619	18.45	42.7613	37.99	2.0596	Si
6346 Prosp.A	Verticale	SLV 7	8.2099	46.47	20.5379	116.25	2.5016	Si

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
6351 Prosp.A	Verticale	SLV 7	-5.5496	65.22	-14.1416	166.2	2.5482	Si
6059 Prosp.A	Verticale	SLV 7	13.2031	54.3	37.111	152.64	2.8108	Si
6342 Prosp.A	Verticale	SLV 9	-11.2375	-25.72	-32.4572	-74.28	2.8883	Si
6053 Prosp.A	Verticale	SLV 7	-9.563	62.35	-30.9359	201.7	3.235	Si
6071 Prosp.A	Verticale	SLV 9	-12.657	-19.62	-46.5114	-72.11	3.6748	Si
5767 Prosp.A	Verticale	SLV 7	13.9223	28.24	55.7566	113.1	4.0048	Si
5459 Prosp.A	Verticale	SLV 7	6.7965	5.51	31.6125	25.64	4.6513	Si
5783 Prosp.A	Verticale	SLV 9	-10.1073	-1.46	-48.2446	-6.98	4.7732	Si
5474 Prosp.A	Verticale	SLV 11	2.1501	26.89	13.6171	170.33	6.3334	Si
5765 Prosp.A	Orizzontale	SLV 7	-7.4715	9.51	-51.9098	66.1	6.9477	Si
5445 Prosp.A	Verticale	SLV 3	3.1811	1.33	22.5551	9.41	7.0903	Si
5765 Prosp.A	Verticale	SLV 7	-6.253	27.2	-45.3723	197.38	7.2561	Si
5459 Prosp.A	Verticale	SLV 9	-3.606	5.29	-29.5119	43.28	8.1841	Si
5767 Prosp.A	Orizzontale	SLV 11	-5.399	20.71	-45.1572	173.18	8.364	Si
5767 Prosp.A	Verticale	SLV 9	-7.8437	1.49	-67.6369	12.86	8.6231	Si
6059 Prosp.A	Verticale	SLV 9	-9.7085	-31.86	-87.5456	-287.26	9.0175	Si
6053 Prosp.A	Orizzontale	SLV 11	-5.5881	12.82	-51.0916	117.2	9.143	Si
5445 Prosp.A	Verticale	SLV 9	-1.0963	11.52	-10.1622	106.77	9.2691	Si
6037 Prosp.A	Orizzontale	SLV 7	-3.6282	3.15	-34.7161	30.17	9.5683	Si
6346 Prosp.A	Verticale	SLV 9	-6.3342	-26.93	-63.7642	-271.05	10.0667	Si
5474 Prosp.A	Orizzontale	SLV 11	5.6062	3.17	60.7324	34.39	10.833	Si
5767 Prosp.A	Orizzontale	SLV 5	5.965	-2.36	68.6251	-27.15	11.5046	Si
5459 Prosp.A	Orizzontale	SLV 7	4.4683	16.42	55.0176	202.24	12.313	Si
5765 Prosp.A	Verticale	SLV 11	2.1501	26.89	27.2299	340.6	12.6648	Si
5783 Prosp.A	Orizzontale	SLV 5	4.5413	-6.95	61.1412	-93.55	13.4635	Si
5737 Prosp.A	Orizzontale	SLV 7	-3.7476	-3.81	-61.9265	-63.04	16.5243	Si
6037 Prosp.A	Orizzontale	SLV 5	3.0968	-7.57	51.6789	-126.32	16.6878	Si
5474 Prosp.A	Verticale	SLV 5	-2.2885	-2.06	-38.6194	-34.69	16.8754	Si
6059 Prosp.A	Orizzontale	SLV 5	4.6919	-7.93	80.8622	-136.67	17.2343	Si
6071 Prosp.A	Orizzontale	SLV 7	2.7799	0.89	48.0954	15.4	17.3013	Si
5459 Prosp.A	Orizzontale	SLV 7	-2.8523	6.24	-52.2091	114.31	18.3041	Si
6053 Prosp.A	Orizzontale	SLV 5	3.8405	-3.62	72.3302	-68.18	18.8337	Si
5445 Prosp.A	Orizzontale	SLV 7	-2.2591	2.32	-45.6898	46.99	20.2246	Si
5487 Prosp.A	Orizzontale	SLV 11	2.5038	-6.96	54.202	-150.77	21.6482	Si
5765 Prosp.A	Orizzontale	SLV 9	3.294	-5.15	72.3532	-113.07	21.965	Si
5445 Prosp.A	Orizzontale	SLV 9	1.741	2.82	43.0883	69.81	24.749	Si
6059 Prosp.A	Orizzontale	SLV 11	-1.5507	9.1	-38.6333	226.68	24.9139	Si
5737 Prosp.A	Orizzontale	SLV 5	2.4063	-5.42	71.7125	-161.44	29.8023	Si
5474 Prosp.A	Orizzontale	SLV 7	-1.0391	5.1	-41.0233	201.43	39.479	Si
5783 Prosp.A	Orizzontale	SLV 11	-1.0527	0.44	-48.6753	20.49	46.2385	Si
6053 Prosp.A	Verticale	SLV 9	0.6984	-0.16	57.2438	-13.44	81.9676	Si
6071 Prosp.A	Orizzontale	SLV 13	-0.6039	-1.82	-73.3797	-221.56	121.5041	Si
5487 Prosp.A	Orizzontale	SLV 5	-0.7	-3.98	-85.2398	-484.05	121.7687	Si

Verifiche a flessione SLD Resistenza D.M. 17-01-18 §4.1.2.3.4.2

La struttura è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
6342 Prosp.A	Verticale	SLD 7	11.0655	23.07	18.8576	39.32	1.7042	Si
6071 Prosp.A	Verticale	SLD 7	14.1218	22.78	31.6511	51.06	2.2413	Si
5783 Prosp.A	Verticale	SLD 7	13.0918	13.49	42.0972	43.36	3.2155	Si
6351 Prosp.A	Verticale	SLD 7	-3.5788	42.84	-13.9854	167.43	3.9079	Si
6346 Prosp.A	Verticale	SLD 7	4.5778	28.2	19.8079	122.01	4.327	Si
6059 Prosp.A	Verticale	SLD 7	7.466	32.81	36.2662	159.37	4.8575	Si
6053 Prosp.A	Verticale	SLD 7	-6.1151	38.24	-31.5201	197.12	5.1545	Si
5767 Prosp.A	Verticale	SLD 7	8.1363	18.89	54.2133	125.85	6.6632	Si
5459 Prosp.A	Verticale	SLD 7	4.1298	5.34	30.0406	38.86	7.2741	Si
6342 Prosp.A	Verticale	SLD 9	-3.9042	-9.54	-33.2544	-81.23	8.5176	Si
5445 Prosp.A	Verticale	SLD 3	2.4089	2.26	21.2668	19.92	8.8285	Si
5474 Prosp.A	Verticale	SLD 7	1.3478	19.77	12.3549	181.23	9.1667	Si
5765 Prosp.A	Verticale	SLD 7	-3.986	16.4	-46.2521	190.25	11.6036	Si
5765 Prosp.A	Orizzontale	SLD 7	-4.3118	4.54	-53.1064	55.91	12.3166	Si
5459 Prosp.A	Orizzontale	SLD 11	3.8866	12.07	48.0425	149.23	12.3611	Si
6071 Prosp.A	Verticale	SLD 9	-3.9158	-9.25	-52.5315	-124.07	13.4153	Si
5474 Prosp.A	Orizzontale	SLD 11	4.0513	1.97	61.2544	29.86	15.1197	Si
5767 Prosp.A	Orizzontale	SLD 5	3.2254	3.53	58.1705	63.65	18.0349	Si
5765 Prosp.A	Verticale	SLD 7	1.3478	19.77	24.7098	362.46	18.3334	Si
5459 Prosp.A	Verticale	SLD 5	-1.0739	6.7	-19.6921	122.92	18.3374	Si
5767 Prosp.A	Verticale	SLD 9	-3.1482	4.52	-59.1287	84.98	18.7815	Si
6037 Prosp.A	Orizzontale	SLD 7	-1.9298	0.25	-37.5675	4.81	19.4665	Si
5783 Prosp.A	Orizzontale	SLD 5	3.1393	-5.34	62.4959	-106.27	19.9078	Si
6346 Prosp.A	Verticale	SLD 9	-2.6843	-8.65	-53.7888	-173.42	20.0382	Si
6059 Prosp.A	Verticale	SLD 9	-3.8672	-10.36	-79.6265	-213.35	20.5902	Si
5783 Prosp.A	Verticale	SLD 9	-2.6341	-3.44	-56.1556	-73.26	21.3189	Si
6053 Prosp.A	Orizzontale	SLD 7	-2.2688	3.08	-55.9366	75.86	24.6549	Si
5767 Prosp.A	Orizzontale	SLD 7	-1.2703	11.49	-31.4557	284.52	24.7625	Si
6071 Prosp.A	Orizzontale	SLD 7	1.8159	-0.41	51.0854	-11.43	28.1323	Si
5474 Prosp.A	Verticale	SLD 7	-1.0218	1.39	-29.8353	40.58	29.198	Si
5445 Prosp.A	Orizzontale	SLD 15	1.3838	3.12	40.6039	91.42	29.3427	Si
6059 Prosp.A	Orizzontale	SLD 5	2.6485	-3.82	78.2423	-112.91	29.5418	Si
5737 Prosp.A	Orizzontale	SLD 7	-2.1983	-4.39	-69.501	-138.82	31.6152	Si
5459 Prosp.A	Orizzontale	SLD 3	-0.9016	5.38	-38.3604	228.88	42.5471	Si
5487 Prosp.A	Orizzontale	SLD 11	1.6075	-6.93	68.4007	-294.97	42.5519	Si
5445 Prosp.A	Orizzontale	SLD 3	-0.653	2.68	-34.6587	142.34	53.0787	Si
5765 Prosp.A	Orizzontale	SLD 1	0.6785	3.55	36.7621	192.37	54.1806	Si
6053 Prosp.A	Orizzontale	SLD 3	0.5306	5.24	29.7248	293.29	56.0167	Si
6059 Prosp.A	Orizzontale	SLD 11	-0.5657	5.03	-31.7476	282.13	56.1256	Si
5445 Prosp.A	Verticale	SLD 9	-0.027	2.73	-1.829	184.52	67.6253	Si
5474 Prosp.A	Orizzontale	SLD 3	-0.6018	-1.4	-86.9529	-202.15	144.4882	Si
6037 Prosp.A	Orizzontale	SLD 5	0.4879	-5.67	97.2225	-1129.48	199.2491	Si
5487 Prosp.A	Orizzontale	SLD 5	-0.3272	-5.08	-92.0311	-1427.56	281.2524	Si
5737 Prosp.A	Orizzontale	SLD 5	0.166	-4.31	74.9586	-1948.06	451.6891	Si
6053 Prosp.A	Verticale	SLD 15	0.0052	0.22	9.2674	391.92	1789.4886	Si

Verifiche a taglio SLU D.M. 17-01-18 §4.1.2.3.5

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
6346 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 7	-30.83	45.15	7.057	61.96	323.13	0	61.96	2.5	0.0003848	2.0097	Si

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
5474 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 11	-27.54	26.81	1.195	61.96	323.13	0	61.96	2.5	0.0003848	2.2502	Si
6342 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 7	-24.57	39.25	18.4153	61.96	323.13	0	61.96	2.5	0.0002585	2.5222	Si
5765 Prosp.A	Verticale	0.253	0.921	Non necessaria	0	SLV 7	-42.3	41.79	-3.3187	114.19	595.52	0	114.19	2.5	0.0007697	2.6999	Si
6059 Prosp.A	Verticale	0.253	0.854	Non necessaria	0	SLV 7	-37.34	46.75	11.9689	105.77	551.59	0	105.77	2.5	0.0006158	2.8326	Si
6351 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 7	-19.48	65.22	-5.5496	61.96	323.13	0	61.96	2.5	0.0003848	3.1813	Si
6053 Prosp.A	Verticale	0.253	0.883	Non necessaria	0	SLV 7	-33.98	65.73	-8.5033	109.38	570.44	0	109.38	2.5	0.0006158	3.2192	Si
6071 Prosp.A	Verticale	0.253	0.8	Non necessaria	0	SLV 7	-26.34	37.6	22.4325	99.14	517.01	0	99.14	2.5	0.0004135	3.7642	Si
5783 Prosp.A	Orizzontale	0.237	0.65	Non necessaria	0	SLV 5	-18.23	-6.95	4.5413	81.21	395.13	0	81.21	2.5	0.0006158	4.4551	Si
5767 Prosp.A	Verticale	0.253	0.967	Non necessaria	0	SLV 7	-21.22	28.24	13.9223	119.87	625.14	0	119.87	2.5	0.0007697	5.6484	Si
5487 Prosp.A	Orizzontale	0.237	0.5	Non necessaria	0	SLV 11	-10.54	-6.96	2.5038	62.08	303.49	0	62.08	2.5	0.0004618	5.888	Si
6059 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 5	-20.28	-7.93	4.6919	120.41	611.48	0	120.41	2.5	0.0007697	5.9368	Si
5783 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 7	-19.95	19.2	20.2193	123.92	646.26	0	123.92	2.5	0.0005169	6.2101	Si
5737 Prosp.A	Orizzontale	0.237	0.5	Non necessaria	0	SLV 11	-10.13	-4.47	-3.7013	70.65	303.18	0	70.65	2.5	0.0006928	6.9778	Si
5474 Prosp.A	Orizzontale	0.238	0.967	Non necessaria	0	SLV 11	-15.03	3.17	5.6062	115.09	587.11	0	115.09	2.5	0.0007697	7.6563	Si
5459 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 7	-7.57	5.51	6.7965	61.96	323.13	0	61.96	2.5	0.0003848	8.19	Si
5445 Prosp.A	Orizzontale	0.237	0.65	Non necessaria	0	SLV 3	5.75	1.69	-1.1053	80.38	394.27	0	80.38	2.5	0.0006158	13.9805	Si
5445 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 1	-4.25	6.59	1.8992	61.96	323.13	0	61.96	2.5	0.0002585	14.5807	Si
6071 Prosp.A	Orizzontale	0.237	0.65	Non necessaria	0	SLV 5	-5.25	-4.84	1.6027	80.31	394.87	0	80.31	2.5	0.0006009	15.3044	Si
6037 Prosp.A	Orizzontale	0.237	0.5	Non necessaria	0	SLV 5	3.65	-6.99	2.531	62.08	303.49	0	62.08	2.5	0.0004618	17.0001	Si
5459 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 15	-6.73	11.79	3.7182	119.46	610.5	0	119.46	2.5	0.0007697	17.7478	Si
5765 Prosp.A	Orizzontale	0.238	0.967	Non necessaria	0	SLV 11	-6.38	4.31	-5.6287	115.09	587.11	0	115.09	2.5	0.0007051	18.0498	Si
5767 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 3	6.25	4.89	2.4725	119.46	610.5	0	119.46	2.5	0.0007697	19.1187	Si
6053 Prosp.A	Orizzontale	0.238	0.967	Non necessaria	0	SLV 5	-3.4	-2.51	3.7214	115.39	587.42	0	115.39	2.5	0.0007697	33.9662	Si

Verifiche a taglio SLD Resistenza D.M. 17-01-18 §4.1.2.3.5

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
5474 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 11	-19.58	18.65	0.8239	61.96	323.13	0	61.96	2.5	0.0003848	3.1638	Si
6346 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 7	-18.5	26.19	3.9118	61.96	323.13	0	61.96	2.5	0.0003848	3.3488	Si
5765 Prosp.A	Verticale	0.253	0.921	Non necessaria	0	SLD 7	-30.02	26.15	-2.0139	114.19	595.52	0	114.19	2.5	0.0007697	3.8037	Si
6342 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 7	-15.38	23.07	11.0655	61.96	323.13	0	61.96	2.5	0.0002585	4.0296	Si
6059 Prosp.A	Verticale	0.253	0.854	Non necessaria	0	SLD 7	-23.64	28.31	6.7354	105.77	551.59	0	105.77	2.5	0.0006158	4.4746	Si
6053 Prosp.A	Verticale	0.253	0.883	Non necessaria	0	SLD 7	-23.1	42.35	-5.4168	109.38	570.44	0	109.38	2.5	0.0006158	4.736	Si
6351 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 7	-12.84	42.84	-3.5788	61.96	323.13	0	61.96	2.5	0.0003848	4.8246	Si
6071 Prosp.A	Verticale	0.253	0.8	Non necessaria	0	SLD 7	-17.52	22.78	14.1218	99.14	517.01	0	99.14	2.5	0.0004135	5.6599	Si
5783 Prosp.A	Orizzontale	0.237	0.65	Non necessaria	0	SLD 5	-11.61	-5.34	3.1393	81.02	394.93	0	81.02	2.5	0.0006158	6.9785	Si
5767 Prosp.A	Verticale	0.253	0.967	Non necessaria	0	SLD 7	-14.79	10.86	6.8512	119.87	625.14	0	119.87	2.5	0.0007697	8.1057	Si
5783 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 7	-14.42	13.49	13.0918	123.92	646.26	0	123.92	2.5	0.0005169	8.5926	Si
5487 Prosp.A	Orizzontale	0.237	0.5	Non necessaria	0	SLD 11	-6.92	-6.93	1.6075	62.08	303.48	0	62.08	2.5	0.0004618	8.9728	Si
6059 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 5	-12.73	-3.82	2.6485	119.92	610.97	0	119.92	2.5	0.0007697	9.4205	Si
5737 Prosp.A	Orizzontale	0.237	0.5	Non necessaria	0	SLD 11	-6.63	-4.78	-2.1428	70.69	303.22	0	70.69	2.5	0.0006928	10.6601	Si
5474 Prosp.A	Orizzontale	0.238	0.967	Non necessaria	0	SLD 11	-10.51	1.44	3.9253	115.09	587.11	0	115.09	2.5	0.0007697	10.9508	Si
5459 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 7	-4.39	5.34	4.1298	61.96	323.13	0	61.96	2.5	0.0003848	14.1053	Si
5445 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 1	-3.34	4.93	1.7844	61.96	323.13	0	61.96	2.5	0.0002585	18.5381	Si
5445 Prosp.A	Orizzontale	0.237	0.65	Non necessaria	0	SLD 3	4.14	2.06	-0.5257	80.38	394.27	0	80.38	2.5	0.0006158	19.4113	Si
6071 Prosp.A	Orizzontale	0.237	0.65	Non necessaria	0	SLD 5	-3.57	-3.35	1.2851	80.13	394.68	0	80.13	2.5	0.0006009	22.4428	Si
5459 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 15	-4.75	9.73	2.5868	119.46	610.5	0	119.46	2.5	0.0007697	25.1338	Si
5767 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 3	4.5	0.57	1.6199	119.46	610.5	0	119.46	2.5	0.0007697	26.5209	Si
5765 Prosp.A	Orizzontale	0.238	0.967	Non necessaria	0	SLD 11	-4.29	0.99	-3.3522	115.09	587.11	0	115.09	2.5	0.0007051	26.8405	Si
6037 Prosp.A	Orizzontale	0.237	0.5	Non necessaria	0	SLD 5	2.26	-5.83	0.4211	61.95	303.35	0	61.95	2.5	0.0004618	27.3635	Si
6053 Prosp.A	Orizzontale	0.238	0.967	Non necessaria	0	SLD 5	2.26	-6.82	-0.5404	115.91	587.95	0	115.91	2.5	0.0007697	51.3192	Si

Verifiche SLE tensione calcestruzzo D.M. 17-01-18 §4.1.2.2.5.1

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	oc	oc limite	Es/Ec	c.s.	Verifica
6342 Prosp.A	Verticale	SLE QP 4	3.6912	6.77	No	-416	13073	15	31.4454	Si

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	oc	oc limite	Es/Ec	c.s.	Verifica
6071 Prosp.A	Verticale	SLE QP 4	5.2552	8.61	No	-374	13073	15	34.9547	Si
6342 Prosp.A	Verticale	SLE RA 7	4.3799	9.52	No	-484	17430	15	36.0227	Si
6071 Prosp.A	Verticale	SLE RA 7	5.9777	10.8	No	-421	17430	15	41.3681	Si
5783 Prosp.A	Verticale	SLE QP 4	5.4162	8.49	No	-310	13073	15	42.2295	Si
5783 Prosp.A	Orizzontale	SLE QP 1	2.6703	-6	No	-278	13073	15	47.048	Si
5783 Prosp.A	Verticale	SLE RA 7	5.9306	8.81	No	-341	17430	15	51.1864	Si
6351 Prosp.A	Verticale	SLE QP 1	-1.9434	2.37	No	-219	13073	15	59.6912	Si
5783 Prosp.A	Orizzontale	SLE RA 1	2.6703	-6	No	-278	17430	15	62.7307	Si
5445 Prosp.A	Verticale	SLE QP 4	1.5385	3.02	No	-172	13073	15	76.008	Si
6053 Prosp.A	Verticale	SLE QP 1	-2.7939	5.96	No	-171	13073	15	76.4352	Si
6351 Prosp.A	Verticale	SLE RA 1	-1.9434	2.37	No	-219	17430	15	79.5883	Si
5459 Prosp.A	Orizzontale	SLE QP 4	2.9355	9.7	No	-151	13073	15	86.5875	Si
5459 Prosp.A	Verticale	SLE RA 7	1.7504	2.76	No	-193	17430	15	90.1298	Si
5474 Prosp.A	Orizzontale	SLE QP 4	2.4384	3.47	No	-144	13073	15	90.5638	Si
5459 Prosp.A	Verticale	SLE QP 4	1.4661	5.4	No	-143	13073	15	91.5043	Si
5767 Prosp.A	Orizzontale	SLE QP 1	2.3161	1.82	No	-137	13073	15	95.3075	Si
5445 Prosp.A	Verticale	SLE RA 7	1.5405	1.65	No	-181	17430	15	96.3268	Si
6053 Prosp.A	Verticale	SLE RA 1	-2.7939	5.96	No	-171	17430	15	101.9136	Si
6071 Prosp.A	Orizzontale	SLE QP 1	1.2185	-2.6	No	-126	13073	15	103.4127	Si
5767 Prosp.A	Verticale	SLE RA 7	3.0388	8.62	No	-161	17430	15	108.4378	Si
5459 Prosp.A	Orizzontale	SLE RA 7	3.1839	12	No	-159	17430	15	109.5084	Si
5487 Prosp.A	Orizzontale	SLE QP 4	0.7752	-3.69	No	-117	13073	15	111.6559	Si
5767 Prosp.A	Verticale	SLE QP 4	2.3461	9.72	No	-114	13073	15	114.3584	Si
5474 Prosp.A	Orizzontale	SLE RA 7	2.6723	5.69	No	-152	17430	15	114.5378	Si
5737 Prosp.A	Orizzontale	SLE QP 4	-0.6796	-4.94	No	-108	13073	15	120.5678	Si
5445 Prosp.A	Orizzontale	SLE QP 4	1.2483	2.57	No	-105	13073	15	124.8625	Si
6059 Prosp.A	Orizzontale	SLE QP 1	1.41	-5.32	No	-103	13073	15	126.4317	Si
5767 Prosp.A	Orizzontale	SLE RA 1	2.3161	1.82	No	-137	17430	15	127.0767	Si
5765 Prosp.A	Verticale	SLE QP 4	-1.426	-1.08	No	-96	13073	15	136.3566	Si
6071 Prosp.A	Orizzontale	SLE RA 1	1.2185	-2.6	No	-126	17430	15	137.8837	Si
5765 Prosp.A	Orizzontale	SLE QP 1	-1.1633	-5.69	No	-93	13073	15	140.6795	Si
5487 Prosp.A	Orizzontale	SLE RA 7	0.8398	-2.99	No	-121	17430	15	144.4003	Si
5737 Prosp.A	Orizzontale	SLE RA 7	-0.7666	-5.3	No	-121	17430	15	144.4141	Si
6059 Prosp.A	Verticale	SLE RA 7	2.4477	14.91	No	-119	17430	15	146.268	Si
5765 Prosp.A	Verticale	SLE RA 7	-1.4967	-5.55	No	-115	17430	15	151.0809	Si
5445 Prosp.A	Orizzontale	SLE RA 7	1.3345	3.17	No	-110	17430	15	158.5552	Si
6037 Prosp.A	Orizzontale	SLE QP 1	-0.4265	-4.76	No	-81	13073	15	161.2596	Si
6059 Prosp.A	Verticale	SLE QP 4	1.7156	11.22	No	-81	13073	15	161.968	Si
6059 Prosp.A	Orizzontale	SLE RA 1	1.41	-5.32	No	-103	17430	15	168.5756	Si
6346 Prosp.A	Verticale	SLE QP 1	0.6839	1.48	No	-73	13073	15	178.8612	Si
5765 Prosp.A	Orizzontale	SLE RA 1	-1.1633	-5.69	No	-93	17430	15	187.5726	Si
6037 Prosp.A	Orizzontale	SLE RA 1	-0.4265	-4.76	No	-81	17430	15	215.0128	Si
6346 Prosp.A	Verticale	SLE RA 7	1.1904	10.16	No	-80	17430	15	217.2305	Si
6053 Prosp.A	Orizzontale	SLE QP 1	-0.643	-4.18	No	-54	13073	15	240.5302	Si
5474 Prosp.A	Verticale	SLE QP 4	-0.4156	0.35	No	-48	13073	15	273.3582	Si
5474 Prosp.A	Verticale	SLE RA 7	-0.4495	-1.36	No	-62	17430	15	279.0339	Si
6053 Prosp.A	Orizzontale	SLE RA 1	-0.643	-4.18	No	-54	17430	15	320.7069	Si
5765 Prosp.A	Orizzontale	SLE QP 1	0.5827	1.11	No	-34	13073	15	386.6226	Si
5474 Prosp.A	Verticale	SLE QP 4	0.3778	2.28	No	-31	13073	15	417.0953	Si
5474 Prosp.A	Verticale	SLE RA 7	0.3844	0.79	No	-41	17430	15	421.416	Si
5487 Prosp.A	Orizzontale	SLE QP 1	-0.0586	-3.69	No	-30	13073	15	440.5946	Si
5459 Prosp.A	Verticale	SLE QP 1	-0.3826	3.23	No	-26	13073	15	502.2232	Si
5765 Prosp.A	Orizzontale	SLE RA 1	0.5827	1.11	No	-34	17430	15	515.4968	Si
5487 Prosp.A	Orizzontale	SLE RA 1	-0.0586	-3.69	No	-30	17430	15	587.4594	Si
5459 Prosp.A	Verticale	SLE RA 1	-0.3826	3.23	No	-26	17430	15	669.6309	Si
6053 Prosp.A	Orizzontale	SLE QP 1	0.3442	1.38	No	-18	13073	15	745.6139	Si
5765 Prosp.A	Verticale	SLE QP 4	0.3778	2.28	No	-17	13073	15	775.9155	Si
5765 Prosp.A	Verticale	SLE RA 7	0.3844	0.79	No	-22	17430	15	783.3645	Si
5474 Prosp.A	Orizzontale	SLE QP 1	-0.0586	-3.69	No	-16	13073	15	842.1423	Si
5767 Prosp.A	Verticale	SLE QP 1	-0.4373	4.36	No	-13	13073	15	992.3114	Si
6053 Prosp.A	Orizzontale	SLE RA 1	0.3442	1.38	No	-18	17430	15	994.1519	Si
5474 Prosp.A	Orizzontale	SLE RA 1	-0.0586	-3.69	No	-16	17430	15	1122.8564	Si
5767 Prosp.A	Verticale	SLE RA 1	-0.4373	4.36	No	-13	17430	15	1323.0819	Si
6059 Prosp.A	Verticale	SLE QP 1	-0.205	2.43	No	-6	13073	15	2302.9226	Si
6059 Prosp.A	Verticale	SLE RA 1	-0.205	2.43	No	-6	17430	15	3070.5635	Si
5767 Prosp.A	Orizzontale	SLE QP 1	-0.1073	0.78	No	-4	13073	15	3112.3378	Si
5767 Prosp.A	Orizzontale	SLE RA 1	-0.1073	0.78	No	-4	17430	15	4149.7837	Si
6059 Prosp.A	Orizzontale	SLE RA 2	-0.0002	0.04	No	0	17430	15	144386.3363	Si
6059 Prosp.A	Orizzontale	SLE QP 2	-0.0001	0.03	No	0	13073	15	145498.1733	Si

Verifiche SLE tensione acciaio D.M. 17-01-18 §4.1.2.2.5.2

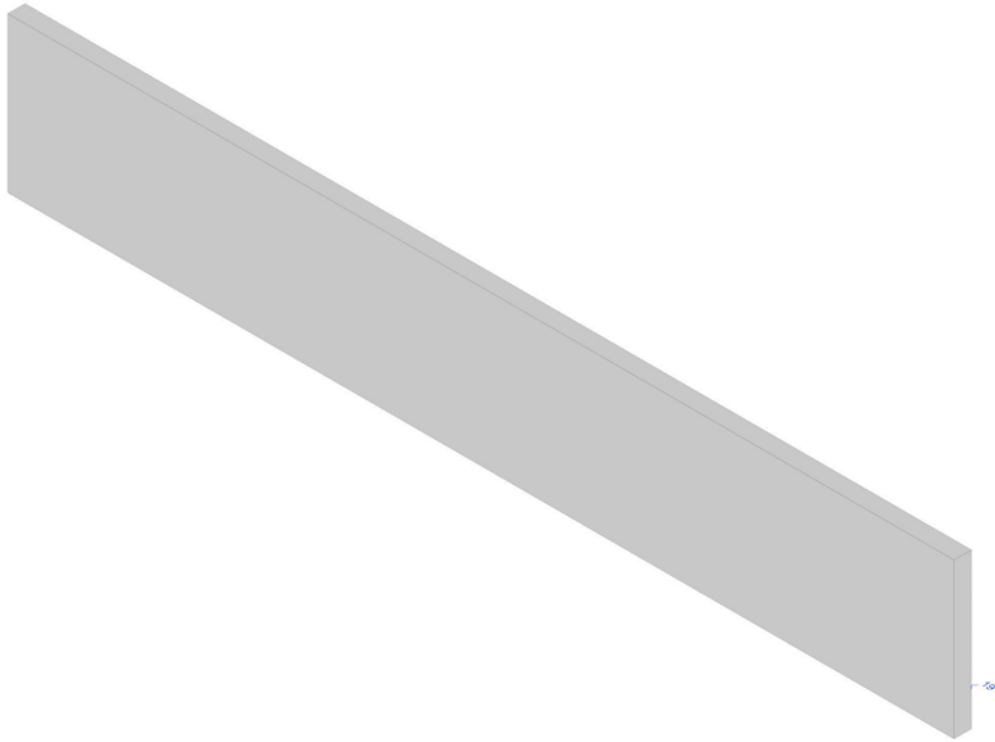
Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	of	of limite	Es/Ec	c.s.	Verifica
6342 Prosp.A	Verticale	SLE RA 7	4.3799	9.52	No	6510	360000	15	55.2969	Si
6071 Prosp.A	Verticale	SLE RA 7	5.9777	10.8	No	5423	360000	15	66.3878	Si
6351 Prosp.A	Verticale	SLE RA 7	-1.7305	29.27	No	4861	360000	15	74.0587	Si
5783 Prosp.A	Verticale	SLE RA 7	5.9306	8.81	No	4214	360000	15	85.439	Si
6346 Prosp.A	Verticale	SLE RA 7	1.396	14.32	No	3059	360000	15	117.6836	Si
6053 Prosp.A	Verticale	SLE RA 7	-2.5048	23.91	No	3040	360000	15	118.4361	Si
6059 Prosp.A	Verticale	SLE RA 7	2.4477	14.91	No	2602	360000	15	138.3772	Si
5459 Prosp.A	Verticale	SLE RA 7	1.7504	2.76	No	2424	360000	15	148.5145	Si
5445 Prosp.A	Verticale	SLE RA 1	1.4908	5.4	No	2421	360000	15	148.6696	Si
5767 Prosp.A	Verticale	SLE RA 7	3.0388	8.62	No	2352	360000	15	153.0935	Si
5459 Prosp.A	Orizzontale	SLE RA 7	3.1839	12	No	2304	360000	15	156.2355	Si
5474 Prosp.A	Verticale	SLE RA 2	0.6677	13.27	No	2059	360000	15	174.869	Si
5783 Prosp.A	Orizzontale	SLE RA 1	2.6703	-6	No	1801	360000	15	199.93	Si
5474 Prosp.A	Orizzontale	SLE RA 7	2.6723	5.69	No	1789	360000	15	201.2584	Si
5765 Prosp.A	Verticale	SLE RA 7	-1.8565	5.06	No	1491	360000	15	241.4821	Si
5767 Prosp.A	Orizzontale	SLE RA 1	2.3161	1.82	No	1355	360000	15	265.5966	Si
5445 Prosp.A	Orizzontale	SLE RA 7	1.3345	3.17	No	1334	360000	15	269.9058	Si
5765 Prosp.A	Verticale	SLE RA 2	0.6677	13.27	No	1109	360000	15	324.5357	Si
6071 Prosp.A	Orizzontale	SLE RA 1	1.2185	-2.6	No	833	360000	15	432.053	Si
5474 Prosp.A	Verticale	SLE RA 1	-0.3063	4.37	No	785	360000	15	458.6433	Si
5459 Prosp.A	Verticale	SLE RA 1	-0.3826	3.23	No	773	360000	15	465.5058	Si
5487 Prosp.A	Orizzontale	SLE RA 7	0.8398	-2.99	No	638	360000	15	564.6786	Si
6059 Prosp.A	Orizzontale	SLE RA 1	1.41	-5.32	No	527	360000	15	683.4163	Si
5767 Prosp.A	Verticale	SLE RA 1	-0.4373	4.36	No	488	360000	15	738.1068	Si
5765 Prosp.A	Orizzontale	SLE RA 7	-1.0744	-2.69	No	484	360000	15	744.2465	Si
5765 Prosp.A	Orizzontale	SLE RA 7	0.4228	4.53	No	460	360000	15	783.32	Si

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	of	of limite	Es/Ec	c.s.	Verifica
5767 Prosp.A	Orizzontale	SLE RA 7	-0.2225	6.51	No	425	360000	15	847.975	Si
6053 Prosp.A	Orizzontale	SLE RA 7	-0.7396	-0.32	No	404	360000	15	890.4934	Si
6037 Prosp.A	Orizzontale	SLE RA 7	-0.4488	-1.61	No	340	360000	15	1060.2741	Si
5737 Prosp.A	Orizzontale	SLE RA 7	-0.7666	-5.3	No	333	360000	15	1082.014	Si
6053 Prosp.A	Orizzontale	SLE RA 7	0.2372	4.05	No	328	360000	15	1096.1305	Si
6059 Prosp.A	Verticale	SLE RA 1	-0.205	2.43	No	282	360000	15	1274.7034	Si
6059 Prosp.A	Orizzontale	SLE RA 7	-0.089	4.29	No	248	360000	15	1452.3095	Si
5487 Prosp.A	Orizzontale	SLE RA 10	-0.0241	-2.88	No	-237	360000	15	1517.3741	Si
5474 Prosp.A	Orizzontale	SLE RA 10	-0.0241	-2.88	No	-124	360000	15	2898.9663	Si

Parete FILI 13-19

Verifiche condotte secondo D.M. 17-01-18 (N.T.C.)

Geometria



Caratteristiche dei materiali

Acciaio: B450C Fyk 450000

Calcestruzzo: C28/35 Rck 35000

Livelli significativi

Descrizione breve	Descrizione	Quota	Spessore
L2	Platea di fondazione vasca	-1.1	0
L3	Piano campagna	0	0
L4	Livello soletta paratoie	2.2	0
L5	Livello stramazzi	2.62	0
L6	Livello coronamento	3.4	0

Verifiche nei nodi

Sezioni rettangolari

Descrizione	Dir.	Base	Altezza	As,sup	As,inf	c,sup	c,inf
6398 Prosp.A	Verticale	0.5	0.5	0.000402	0.000378	0.048	0.048
6397 Prosp.A	Verticale	0.5	0.5	0.000402	0.000402	0.048	0.048
6404 Prosp.A	Verticale	0.5	0.5	0.000402	0.000402	0.048	0.048
6399 Prosp.A	Verticale	0.5	0.5	0.000402	0.000402	0.048	0.048
5959 Prosp.A	Verticale	0.95	0.5	0.00181	0.00181	0.048	0.048
6362 Prosp.A	Verticale	0.5	0.5	0.000378	0.000402	0.048	0.048
6363 Prosp.A	Verticale	0.5	0.5	0.000402	0.000402	0.048	0.048
6400 Prosp.A	Verticale	0.5	0.5	0.000402	0.000402	0.048	0.048
6369 Prosp.A	Verticale	0.5	0.5	0.000402	0.000402	0.048	0.048
5885 Prosp.A	Verticale	0.9502	0.5	0.000804	0.000746	0.048	0.048
5880 Prosp.A	Verticale	0.9525	0.5	0.000804	0.000804	0.048	0.048
5967 Prosp.A	Verticale	0.9493	0.5	0.000804	0.000804	0.048	0.048
5969 Prosp.A	Verticale	0.9492	0.5	0.000804	0.000804	0.048	0.048
6401 Prosp.A	Verticale	0.5	0.5	0.000402	0.000402	0.048	0.048
6360 Prosp.A	Verticale	0.5	0.5	0.000402	0.000402	0.048	0.048
6403 Prosp.A	Verticale	0.5	0.5	0.000402	0.000402	0.048	0.048
6361 Prosp.A	Verticale	0.5	0.5	0.000402	0.000402	0.048	0.048
5884 Prosp.A	Verticale	0.9502	0.5	0.000746	0.000804	0.048	0.048
6390 Prosp.A	Verticale	0.5	0.5	0.000402	0.000402	0.048	0.048
5976 Prosp.A	Verticale	0.9489	0.5	0.000804	0.000804	0.048	0.048
6385 Prosp.A	Verticale	0.5	0.5	0.000402	0.000402	0.048	0.048
5653 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
3780 Prosp.A	Orizzontale	1	0.5	0.000953	0.000953	0.064	0.064
6359 Prosp.A	Verticale	0.5	0.5	0.000402	0.000402	0.048	0.048
5879 Prosp.A	Verticale	0.9525	0.5	0.000804	0.000804	0.048	0.048
6407 Prosp.A	Verticale	0.5	0.5	0.001005	0.001005	0.048	0.048
6402 Prosp.A	Verticale	0.5	0.5	0.000402	0.000402	0.048	0.048
5978 Prosp.A	Verticale	0.9489	0.5	0.000804	0.000804	0.048	0.048
5863 Prosp.A	Verticale	0.9634	0.5	0.000804	0.000804	0.048	0.048
3778 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
3779 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
5961 Prosp.A	Verticale	0.9498	0.5	0.00181	0.00181	0.048	0.048
5975 Prosp.A	Verticale	0.9489	0.5	0.000804	0.000804	0.048	0.048
3781 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
5972 Prosp.A	Verticale	0.9492	0.5	0.000804	0.000804	0.048	0.048
6389 Prosp.A	Verticale	0.5	0.5	0.000402	0.000402	0.048	0.048
5968 Prosp.A	Verticale	0.9492	0.5	0.000804	0.000804	0.048	0.048
3782 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
5984 Prosp.A	Verticale	0.9455	0.5	0.000804	0.000804	0.048	0.048
6370 Prosp.A	Verticale	0.5	0.5	0.000402	0.000402	0.048	0.048
5333 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
6358 Prosp.A	Verticale	0.5	0.5	0.000402	0.000402	0.048	0.048
5977 Prosp.A	Verticale	0.9489	0.5	0.000804	0.000804	0.048	0.048
5974 Prosp.A	Verticale	0.949	0.5	0.000804	0.000804	0.048	0.048
6037 Prosp.A	Verticale	0.9	0.5	0.000804	0.000804	0.048	0.048

Descrizione	Dir.	Base	Altezza	As,sup	As,inf	c,sup	c,inf
3791 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
3783 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
5673 Prosp.A	Verticale	1	0.5	0.000969	0.000969	0.048	0.048
3792 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
3802 Prosp.A	Orizzontale	1	0.5	0.000953	0.000953	0.064	0.064
5663 Prosp.A	Verticale	1	0.5	0.000982	0.000919	0.048	0.048
3790 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
3784 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
6388 Prosp.A	Verticale	0.5	0.5	0.000402	0.000402	0.048	0.048
3793 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
3801 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
5661 Prosp.A	Verticale	1	0.5	0.000984	0.000984	0.048	0.048
3800 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
3799 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
3785 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
6386 Prosp.A	Verticale	0.5	0.5	0.000402	0.000402	0.048	0.048
5090 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
6387 Prosp.A	Verticale	0.5	0.5	0.000402	0.000402	0.048	0.048
3798 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
5577 Prosp.A	Verticale	1	0.5	0.001005	0.000992	0.048	0.048
5676 Prosp.A	Verticale	1	0.5	0.000967	0.000967	0.048	0.048
3789 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
5973 Prosp.A	Verticale	0.949	0.5	0.000804	0.000804	0.048	0.048
5998 Prosp.A	Verticale	0.9351	0.5	0.000804	0.000804	0.048	0.048
3797 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
3796 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
3794 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
3786 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
3795 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
5483 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
6371 Prosp.A	Verticale	0.5	0.5	0.000402	0.000402	0.048	0.048
3787 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
3788 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
3803 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
5983 Prosp.A	Verticale	0.9455	0.5	0.000804	0.000804	0.048	0.048
3804 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
5480 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
5671 Prosp.A	Verticale	1	0.5	0.000969	0.000969	0.048	0.048
5655 Prosp.A	Verticale	1	0.5	0.002005	0.002005	0.048	0.048
6375 Prosp.A	Verticale	0.5	0.5	0.000402	0.000402	0.048	0.048
5662 Prosp.A	Verticale	1	0.5	0.000919	0.000982	0.048	0.048
6405 Prosp.A	Verticale	0.5	0.5	0.000772	0.000772	0.048	0.048
6384 Prosp.A	Verticale	0.5	0.5	0.000402	0.000402	0.048	0.048
4818 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
6393 Prosp.A	Verticale	0.5	0.5	0.001005	0.001005	0.048	0.048
6032 Prosp.A	Verticale	0.9	0.5	0.000804	0.000804	0.048	0.048
5675 Prosp.A	Verticale	1	0.5	0.000967	0.000967	0.048	0.048
6009 Prosp.A	Verticale	0.9273	0.5	0.000804	0.000804	0.048	0.048
5997 Prosp.A	Verticale	0.9351	0.5	0.000804	0.000804	0.048	0.048
6383 Prosp.A	Verticale	0.5	0.5	0.000402	0.000402	0.048	0.048
6017 Prosp.A	Verticale	0.9196	0.5	0.000804	0.000804	0.048	0.048
6372 Prosp.A	Verticale	0.5	0.5	0.000402	0.000402	0.048	0.048
5737 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
6021 Prosp.A	Verticale	0.9107	0.5	0.000804	0.000804	0.048	0.048
5672 Prosp.A	Verticale	1	0.5	0.000969	0.000969	0.048	0.048
5576 Prosp.A	Verticale	1	0.5	0.000992	0.001005	0.048	0.048
6381 Prosp.A	Verticale	0.5	0.5	0.000402	0.000402	0.048	0.048
6367 Prosp.A	Verticale	0.5	0.5	0.00099	0.00099	0.048	0.048
6380 Prosp.A	Verticale	0.5	0.5	0.000402	0.000402	0.048	0.048
5365 Prosp.A	Verticale	1	0.5	0.001005	0.001005	0.048	0.048
5958 Prosp.A	Verticale	0.95	0.5	0.00181	0.00181	0.048	0.048
5652 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
6352 Prosp.A	Verticale	0.5	0.5	0.001005	0.001005	0.048	0.048
5332 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
5087 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
4817 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
4548 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
4549 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
3514 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
3516 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
3518 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
3512 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
3732 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
3519 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
3517 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
5960 Prosp.A	Verticale	0.9498	0.5	0.00181	0.00181	0.048	0.048
3521 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
3515 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
5654 Prosp.A	Verticale	1	0.5	0.002005	0.002005	0.048	0.048
3520 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
6353 Prosp.A	Verticale	0.5	0.5	0.001005	0.001005	0.048	0.048
3524 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
4266 Prosp.A	Verticale	1	0.5	0.001608	0.001608	0.048	0.048
6394 Prosp.A	Verticale	0.5	0.5	0.001005	0.001005	0.048	0.048
4267 Prosp.A	Verticale	1	0.5	0.00181	0.00181	0.048	0.048
6392 Prosp.A	Verticale	0.5	0.5	0.001005	0.001005	0.048	0.048
5334 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
5335 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
6368 Prosp.A	Verticale	0.5	0.5	0.00099	0.00099	0.048	0.048
5093 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
5094 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
5839 Prosp.A	Verticale	1	0.5	0.002011	0.00181	0.048	0.048
6365 Prosp.A	Verticale	0.5	0.5	0.00099	0.00099	0.048	0.048
6391 Prosp.A	Verticale	0.5	0.5	0.001005	0.001005	0.048	0.048
5785 Prosp.A	Verticale	1	0.5	0.00181	0.00181	0.048	0.048
6395 Prosp.A	Verticale	0.5	0.5	0.001005	0.001005	0.048	0.048
3686 Prosp.A	Verticale	1	0.5	0.001206	0.001206	0.048	0.048
5834 Prosp.A	Verticale	1	0.5	0.002011	0.00181	0.048	0.048
6364 Prosp.A	Verticale	0.5	0.5	0.00099	0.00099	0.048	0.048
3687 Prosp.A	Verticale	1	0.5	0.001407	0.001407	0.048	0.048

Descrizione	Dir.	Base	Altezza	As,sup	As,inf	c,sup	c,inf
4820 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
6396 Prosp.A	Verticale	0.5	0.5	0.001005	0.001005	0.048	0.048
4821 Prosp.A	Verticale	1	0.5	0.002011	0.002011	0.048	0.048
5838 Prosp.A	Verticale	1	0.5	0.001573	0.001774	0.048	0.048
5864 Prosp.A	Verticale	0.9634	0.5	0.00181	0.00181	0.048	0.048
6354 Prosp.A	Verticale	0.5	0.5	0.001005	0.001005	0.048	0.048
5784 Prosp.A	Verticale	1	0.5	0.001608	0.001608	0.048	0.048
6406 Prosp.A	Verticale	0.5	0.5	0.001005	0.001005	0.048	0.048
3513 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
5962 Prosp.A	Verticale	0.9497	0.5	0.00181	0.00181	0.048	0.048
3510 Prosp.A	Orizzontale	1	0.5	0.001005	0.001005	0.064	0.064
6366 Prosp.A	Verticale	0.5	0.5	0.00099	0.00099	0.048	0.048
5859 Prosp.A	Verticale	0.9717	0.5	0.001593	0.001593	0.048	0.048
5963 Prosp.A	Verticale	0.9497	0.5	0.00181	0.00181	0.048	0.048

Verifiche a flessione SLV D.M. 17-01-18 §4.1.2.3.4.2

La struttura è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione, per le combinazioni SLV, viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
6398 Prosp.A	Verticale	SLV 15	15.736	235.12	15.8209	236.38	1.0054	Si
6397 Prosp.A	Verticale	SLV 15	12.6528	247.67	12.8323	251.18	1.0142	Si
6404 Prosp.A	Verticale	SLV 13	-29.134	163	-29.8998	167.29	1.0263	Si
6399 Prosp.A	Verticale	SLV 15	16.8003	223.09	17.2637	229.24	1.0276	Si
5959 Prosp.A	Verticale	SLV 15	-234.0471	244.56	-240.6354	251.44	1.0281	Si
6362 Prosp.A	Verticale	SLV 11	25.6009	150.46	27.3319	160.64	1.0676	Si
6363 Prosp.A	Verticale	SLV 11	24.5044	167.65	26.6873	182.59	1.0891	Si
6400 Prosp.A	Verticale	SLV 11	26.0845	156.04	28.7934	172.25	1.1039	Si
6369 Prosp.A	Verticale	SLV 11	-15.0219	206.54	-16.8295	231.39	1.1203	Si
5885 Prosp.A	Verticale	SLV 15	30.4443	405.29	34.4636	458.8	1.132	Si
5880 Prosp.A	Verticale	SLV 15	25.3858	426.05	28.9605	486.04	1.1408	Si
5967 Prosp.A	Verticale	SLV 13	-53.6227	285.97	-61.4051	327.47	1.1451	Si
5969 Prosp.A	Verticale	SLV 15	32.9108	386.52	37.7011	442.77	1.1456	Si
6401 Prosp.A	Verticale	SLV 11	25.6312	142.3	30.029	166.72	1.1716	Si
6360 Prosp.A	Verticale	SLV 11	28.9448	120.44	34.9089	145.25	1.206	Si
6403 Prosp.A	Verticale	SLV 13	-17.3382	174.42	-20.9655	210.92	1.2092	Si
6361 Prosp.A	Verticale	SLV 11	25.4248	134.24	30.8728	163	1.2143	Si
5884 Prosp.A	Verticale	SLV 11	45.4361	252.91	55.6294	309.65	1.2243	Si
6390 Prosp.A	Verticale	SLV 1	-8.244	221.69	-10.1715	273.52	1.2338	Si
5976 Prosp.A	Verticale	SLV 11	49.5577	265.9	61.1994	328.37	1.2349	Si
6385 Prosp.A	Verticale	SLV 11	-19.5568	154.71	-24.4691	193.57	1.2512	Si
5653 Prosp.A	Verticale	SLV 15	-228.5658	142.07	-287.0925	178.45	1.2561	Si
3780 Prosp.A	Orizzontale	SLV 1	123.6348	35.69	157.6016	45.5	1.2747	Si
6359 Prosp.A	Verticale	SLV 11	29.0114	106.57	37.0117	135.96	1.2758	Si
5879 Prosp.A	Verticale	SLV 11	41.7485	281.14	53.8665	362.75	1.2903	Si
6407 Prosp.A	Verticale	SLV 15	-89.0267	178.83	-114.9251	230.86	1.2909	Si
6402 Prosp.A	Verticale	SLV 11	22.5824	130.06	29.4182	169.43	1.3027	Si
5978 Prosp.A	Verticale	SLV 11	48.7436	243.6	63.5953	317.82	1.3047	Si
5863 Prosp.A	Verticale	SLV 11	-24.1761	361.98	-31.5921	473.01	1.3068	Si
3778 Prosp.A	Orizzontale	SLV 1	123.6089	42.13	163.5467	55.74	1.3231	Si
3779 Prosp.A	Orizzontale	SLV 1	124.6939	35.89	165.1492	47.54	1.3244	Si
5961 Prosp.A	Verticale	SLV 15	-166.2009	259.39	-221.4925	345.68	1.3327	Si
5975 Prosp.A	Verticale	SLV 11	54.1264	203.74	73.1854	275.48	1.3521	Si
3781 Prosp.A	Orizzontale	SLV 1	122.6056	31.85	166.0049	43.12	1.354	Si
5972 Prosp.A	Verticale	SLV 13	-31.237	308.55	-42.4466	419.28	1.3589	Si
6389 Prosp.A	Verticale	SLV 2	-6.6063	204.14	-9.0025	278.18	1.3627	Si
6402 Prosp.A	Verticale	SLV 13	-9.739	182.25	-13.299	248.87	1.3655	Si
5968 Prosp.A	Verticale	SLV 11	47.4332	227.37	65.0099	311.62	1.3706	Si
3782 Prosp.A	Orizzontale	SLV 1	120.6171	26.74	167.2058	37.07	1.3863	Si
5984 Prosp.A	Verticale	SLV 1	-14.9642	390.25	-20.8868	544.7	1.3958	Si
6370 Prosp.A	Verticale	SLV 4	-7.597	194.42	-10.6062	271.42	1.3961	Si
5333 Prosp.A	Verticale	SLV 15	-208.6728	112.22	-291.3696	156.69	1.3963	Si
6358 Prosp.A	Verticale	SLV 11	26.629	94.25	37.6333	133.19	1.4132	Si
5977 Prosp.A	Verticale	SLV 11	54.7887	181.32	77.4672	256.38	1.4139	Si
5974 Prosp.A	Verticale	SLV 11	42.6228	231.18	60.836	329.96	1.4273	Si
6037 Prosp.A	Verticale	SLV 11	-33.3997	275.3	-47.708	393.24	1.4284	Si
3791 Prosp.A	Orizzontale	SLV 3	107.28	75.18	153.4266	107.51	1.4302	Si
3783 Prosp.A	Orizzontale	SLV 4	118.0056	19.76	168.939	28.29	1.4316	Si
5673 Prosp.A	Verticale	SLV 15	35.6306	350.14	51.3223	504.33	1.4404	Si
3792 Prosp.A	Orizzontale	SLV 3	109.6242	57.26	158.2774	82.67	1.4438	Si
3802 Prosp.A	Orizzontale	SLV 1	107.5626	32.97	157.0972	48.16	1.4605	Si
5663 Prosp.A	Verticale	SLV 15	32.4117	364.86	47.4244	533.85	1.4632	Si
3790 Prosp.A	Orizzontale	SLV 3	104.8734	71.16	153.9973	104.49	1.4684	Si
3784 Prosp.A	Orizzontale	SLV 3	114.9699	18.25	169.2076	26.86	1.4718	Si
6388 Prosp.A	Verticale	SLV 11	8.6737	168.4	12.916	250.76	1.4891	Si
6401 Prosp.A	Verticale	SLV 13	-4.3333	189.31	-6.4703	282.68	1.4932	Si
3793 Prosp.A	Orizzontale	SLV 3	109.6691	32.89	164.7983	49.43	1.5027	Si
3801 Prosp.A	Orizzontale	SLV 1	109.3352	32.58	164.8373	49.11	1.5076	Si
5661 Prosp.A	Verticale	SLV 13	-52.0251	255.21	-78.5517	385.33	1.5099	Si
3800 Prosp.A	Orizzontale	SLV 1	110.2978	26.48	166.6255	40	1.5107	Si
3799 Prosp.A	Orizzontale	SLV 4	111.8959	17.47	169.2843	26.44	1.5129	Si
3785 Prosp.A	Orizzontale	SLV 3	111.6009	18.62	168.939	28.18	1.5138	Si
6388 Prosp.A	Verticale	SLV 1	-5.0872	186.76	-7.7178	283.33	1.5171	Si
6386 Prosp.A	Verticale	SLV 11	-9.3415	160.9	-14.1919	244.45	1.5192	Si
5090 Prosp.A	Verticale	SLV 15	-190.0552	107.5	-289.9371	164	1.5255	Si
6387 Prosp.A	Verticale	SLV 11	8.6438	163.48	13.1878	249.42	1.5257	Si
3798 Prosp.A	Orizzontale	SLV 4	111.6391	13.66	170.3935	20.84	1.5263	Si
5577 Prosp.A	Verticale	SLV 15	27.4839	379.4	41.9502	579.09	1.5264	Si
5676 Prosp.A	Verticale	SLV 11	51.5316	243.51	78.7078	371.93	1.5274	Si
3789 Prosp.A	Orizzontale	SLV 3	103.5048	54.24	158.2373	82.92	1.5288	Si
5973 Prosp.A	Verticale	SLV 11	49.9566	168.9	76.7646	259.54	1.5366	Si
5998 Prosp.A	Verticale	SLV 2	-12.1701	358.97	-18.749	553.03	1.5406	Si
3797 Prosp.A	Orizzontale	SLV 3	111.0282	10.51	171.2698	16.22	1.5426	Si
5974 Prosp.A	Verticale	SLV 13	-17.1058	322.03	-26.4723	498.36	1.5476	Si
3796 Prosp.A	Orizzontale	SLV 3	110.0569	13.37	170.3935	20.7	1.5482	Si
3794 Prosp.A	Orizzontale	SLV 3	108.6038	19.88	168.4395	30.83	1.551	Si
3786 Prosp.A	Orizzontale	SLV 3	108.1751	21.99	167.7849	34.1	1.551	Si
3795 Prosp.A	Orizzontale	SLV 3	109.2888	15.06	169.8968	23.42	1.5546	Si
5483 Prosp.A	Orizzontale	SLV 9	129.4625	-142.14	201.3006	-221.01	1.5549	Si
6371 Prosp.A	Verticale	SLV 4	-5.3394	180.04	-8.3283	280.83	1.5598	Si
3787 Prosp.A	Orizzontale	SLV 3	105.14	31.76	164.7203	49.76	1.5667	Si

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
3788 Prosp.A	Orizzontale	SLU 3	103.1305	41.02	161.8551	64.38	1.5694	Si
3803 Prosp.A	Orizzontale	SLU 1	104.7155	31.87	164.6422	50.11	1.5723	Si
5983 Prosp.A	Verticale	SLU 4	-14.1096	340.96	-22.29	538.65	1.5798	Si
6387 Prosp.A	Verticale	SLU 1	-3.8099	183.44	-6.0263	290.15	1.5817	Si
6403 Prosp.A	Verticale	SLV 11	16.4557	117.19	26.0684	185.65	1.5842	Si
3804 Prosp.A	Orizzontale	SLV 7	-99.1424	2.63	-157.1258	4.16	1.5848	Si
5480 Prosp.A	Orizzontale	SLV 9	113.7002	-71.05	180.3123	-112.68	1.5859	Si
5671 Prosp.A	Verticale	SLV 11	50.5299	225.06	81.3188	362.2	1.6093	Si
5655 Prosp.A	Verticale	SLV 15	-159.94	198.25	-258.0391	319.85	1.6133	Si
3804 Prosp.A	Orizzontale	SLU 1	99.7725	39.78	161.8156	64.52	1.6218	Si
6375 Prosp.A	Verticale	SLV 11	-13.0303	129.14	-21.1765	209.87	1.6252	Si
5662 Prosp.A	Verticale	SLV 11	43.5483	228.58	70.8171	371.71	1.6262	Si
3778 Prosp.A	Orizzontale	SLV 11	-96.0184	-0.87	-158.2586	-1.44	1.6482	Si
6405 Prosp.A	Verticale	SLV 13	-42.1709	161.07	-69.6097	265.88	1.6507	Si
6384 Prosp.A	Verticale	SLU 1	-6.9224	161.14	-11.5044	267.79	1.6619	Si
4818 Prosp.A	Verticale	SLV 15	-171.8017	105.88	-287.3649	177.1	1.6727	Si
6393 Prosp.A	Verticale	SLV 11	-39.8343	272.39	-66.7394	456.38	1.6754	Si
6032 Prosp.A	Verticale	SLV 9	30.2128	226.02	50.6308	378.76	1.6758	Si
5675 Prosp.A	Verticale	SLV 11	54.287	188.87	91.0824	316.88	1.6778	Si

Verifiche a flessione SLD Resistenza D.M. 17-01-18 §4.1.2.3.4.2

La struttura è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
6397 Prosp.A	Verticale	SLD 11	13.9265	166.53	18.6128	222.56	1.3365	Si
6398 Prosp.A	Verticale	SLD 15	11.4486	173.88	15.6269	237.34	1.365	Si
6362 Prosp.A	Verticale	SLD 11	17.0815	130.34	23.5011	179.32	1.3758	Si
6369 Prosp.A	Verticale	SLD 11	-11.3376	170.64	-15.734	236.81	1.3878	Si
6363 Prosp.A	Verticale	SLD 11	16.2397	144.86	22.6882	202.39	1.3971	Si
6399 Prosp.A	Verticale	SLD 15	12.5609	161.9	17.6406	227.38	1.4044	Si
6400 Prosp.A	Verticale	SLD 11	17.0548	125.76	25.5352	188.29	1.4972	Si
6390 Prosp.A	Verticale	SLD 11	-8.6203	165.56	-13.0277	250.21	1.5113	Si
5885 Prosp.A	Verticale	SLD 15	22.1517	297.7	34.226	459.97	1.5451	Si
5880 Prosp.A	Verticale	SLD 15	17.7283	318.48	27.4671	493.44	1.5493	Si
6361 Prosp.A	Verticale	SLD 11	16.9946	116.74	26.6254	182.9	1.5667	Si
5969 Prosp.A	Verticale	SLD 15	24.4438	279	38.4619	439	1.5735	Si
5884 Prosp.A	Verticale	SLD 11	30.5017	219.73	48.0181	345.91	1.5743	Si
5959 Prosp.A	Verticale	SLD 15	-153.2117	153.67	-242.3218	243.05	1.5816	Si
6360 Prosp.A	Verticale	SLD 11	18.6962	105.29	29.7915	167.77	1.5935	Si
5863 Prosp.A	Verticale	SLD 11	-18.7576	300.65	-30.0025	480.88	1.5995	Si
6401 Prosp.A	Verticale	SLD 11	16.3285	113.96	26.3794	184.11	1.6155	Si
6370 Prosp.A	Verticale	SLD 11	-7.9765	152.87	-13.0502	250.1	1.6361	Si
6385 Prosp.A	Verticale	SLD 15	-11.8084	133.25	-19.3844	218.74	1.6416	Si
5879 Prosp.A	Verticale	SLD 11	27.97	243.46	46.0944	401.22	1.6482	Si
5976 Prosp.A	Verticale	SLD 11	32.4666	214.33	54.4857	359.68	1.6788	Si
6404 Prosp.A	Verticale	SLD 13	-15.172	111.75	-25.553	188.21	1.6842	Si
3780 Prosp.A	Orizzontale	SLD 11	84.9748	15.77	144.6416	26.85	1.7022	Si
5984 Prosp.A	Verticale	SLD 11	-15.1168	292.05	-25.9341	501.03	1.7156	Si
6359 Prosp.A	Verticale	SLD 11	18.1892	93.87	31.2574	161.31	1.7185	Si
3791 Prosp.A	Orizzontale	SLD 11	80.143	46.99	141.1761	82.78	1.7616	Si
6389 Prosp.A	Verticale	SLD 11	-7.2633	142.64	-12.7988	251.35	1.7621	Si
5968 Prosp.A	Verticale	SLD 7	32.3379	196.35	57.1061	346.74	1.7659	Si
3778 Prosp.A	Orizzontale	SLD 15	84.4563	20.88	150.4593	37.2	1.7815	Si
3779 Prosp.A	Orizzontale	SLD 11	85.4988	15.08	152.5491	26.9	1.7842	Si
5975 Prosp.A	Verticale	SLD 11	35.1351	178.81	62.9807	320.52	1.7925	Si
5978 Prosp.A	Verticale	SLD 11	31.1132	195.2	56.0763	351.81	1.8023	Si
3792 Prosp.A	Orizzontale	SLD 11	81.0921	31.25	146.55	56.48	1.8072	Si
3790 Prosp.A	Orizzontale	SLD 11	78.687	41.83	142.6041	75.8	1.8123	Si
3781 Prosp.A	Orizzontale	SLD 11	84.5954	12.19	153.5108	22.13	1.8146	Si
6402 Prosp.A	Verticale	SLD 11	13.7262	103.52	25.1915	189.99	1.8353	Si
3782 Prosp.A	Orizzontale	SLD 11	83.9457	7.68	155.1077	14.19	1.8477	Si
5983 Prosp.A	Verticale	SLD 11	-13.8518	269.07	-25.8217	501.58	1.8641	Si
6037 Prosp.A	Verticale	SLD 11	-20.9179	234	-39.0045	436.32	1.8647	Si
5967 Prosp.A	Verticale	SLD 13	-27.5933	198.41	-51.8411	372.77	1.8788	Si
6388 Prosp.A	Verticale	SLD 11	-6.0308	137.17	-11.3627	258.45	1.8841	Si
3789 Prosp.A	Orizzontale	SLD 11	78.2846	26.18	147.9659	49.49	1.8901	Si
3783 Prosp.A	Orizzontale	SLD 11	82.5669	4.87	156.114	9.21	1.8908	Si
5653 Prosp.A	Verticale	SLD 15	-151.3447	93.55	-287.2695	177.56	1.8981	Si
5977 Prosp.A	Verticale	SLD 11	34.4522	160.34	66.0098	307.22	1.9216	Si
6371 Prosp.A	Verticale	SLD 15	-4.9587	139.27	-9.5264	267.55	1.9211	Si
3784 Prosp.A	Orizzontale	SLD 11	80.9638	5.73	155.7503	11.02	1.9237	Si
3793 Prosp.A	Orizzontale	SLD 11	79.7319	10.95	153.7161	21.11	1.9279	Si
6387 Prosp.A	Verticale	SLD 11	-5.3005	136.37	-10.2582	263.92	1.9353	Si
3788 Prosp.A	Orizzontale	SLD 11	78.1388	17.27	151.2275	33.43	1.9354	Si
6358 Prosp.A	Verticale	SLD 11	15.8799	83.77	30.8865	162.94	1.945	Si
3787 Prosp.A	Orizzontale	SLD 11	78.4131	12.41	153.0805	24.23	1.9522	Si
3802 Prosp.A	Orizzontale	SLD 7	73.8786	13.27	144.8103	26.01	1.9601	Si
3785 Prosp.A	Orizzontale	SLD 11	79.3384	5.36	155.8437	10.53	1.9643	Si
5998 Prosp.A	Verticale	SLD 11	-11.9823	260.17	-23.6059	512.55	1.9701	Si
5673 Prosp.A	Verticale	SLD 15	26.2824	254.06	51.8849	501.55	1.9741	Si
3786 Prosp.A	Orizzontale	SLD 11	78.5003	6.85	155.2422	13.54	1.9776	Si
5663 Prosp.A	Verticale	SLD 15	23.5754	268.88	46.994	535.98	1.9933	Si
6386 Prosp.A	Verticale	SLD 11	-5.0429	132.73	-10.0641	264.88	1.9957	Si
6407 Prosp.A	Verticale	SLD 15	-58.294	110.58	-116.8355	221.63	2.0042	Si
3799 Prosp.A	Orizzontale	SLD 11	78.4795	1.4	157.3979	2.8	2.0056	Si
5974 Prosp.A	Verticale	SLD 11	26.0577	184.58	52.303	370.48	2.0072	Si
3798 Prosp.A	Orizzontale	SLD 11	78.9895	-1.51	158.5744	-3.04	2.0075	Si
3794 Prosp.A	Orizzontale	SLD 7	77.9575	2.75	156.854	5.54	2.012	Si
3800 Prosp.A	Orizzontale	SLD 7	76.7962	7.49	154.9215	15.11	2.0173	Si
3795 Prosp.A	Orizzontale	SLD 7	77.8643	1.03	157.5445	2.08	2.0233	Si
3797 Prosp.A	Orizzontale	SLD 7	78.0416	-0.27	158.0798	-0.55	2.0256	Si
6403 Prosp.A	Verticale	SLD 13	-7.3466	118.99	-14.8817	241.03	2.0257	Si
3801 Prosp.A	Orizzontale	SLD 7	75.4413	12.5	152.8657	25.33	2.0263	Si
3796 Prosp.A	Orizzontale	SLD 7	77.5586	1.16	157.4921	2.35	2.0306	Si
5961 Prosp.A	Verticale	SLD 15	-108.9754	162.98	-223.7511	334.64	2.0532	Si
5676 Prosp.A	Verticale	SLD 11	33.9891	197.41	70.3896	408.82	2.0709	Si
5577 Prosp.A	Verticale	SLD 15	19.156	284	39.784	589.81	2.0768	Si
5333 Prosp.A	Verticale	SLD 15	-139.9557	76.64	-290.8592	159.28	2.0782	Si
5662 Prosp.A	Verticale	SLD 11	29.5254	199.05	61.5404	414.88	2.0843	Si
6009 Prosp.A	Verticale	SLD 11	-9.7186	249.86	-20.5288	527.78	2.1123	Si

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
5973 Prosp.A	Verticale	SLD 11	29.9588	150.12	63.5058	318.22	2.1198	Si
3803 Prosp.A	Orizzontale	SLD 7	71.9736	11.53	153.0293	24.52	2.1262	Si
6384 Prosp.A	Verticale	SLD 9	-9.2738	101.4	-19.8121	216.63	2.1363	Si
5997 Prosp.A	Verticale	SLD 15	-9.1133	244.47	-19.8075	531.36	2.1735	Si
6383 Prosp.A	Verticale	SLD 9	-9.306	98.72	-20.2272	214.57	2.1736	Si
6017 Prosp.A	Verticale	SLD 11	-8.6635	245.86	-18.8843	535.92	2.1798	Si
6372 Prosp.A	Verticale	SLD 11	-5.1385	118.73	-11.2166	259.18	2.1829	Si
3804 Prosp.A	Orizzontale	SLD 7	68.7148	17.89	150.0765	39.08	2.184	Si
5737 Prosp.A	Verticale	SLD 11	-21.6456	252.9	-47.2984	552.61	2.1851	Si
6393 Prosp.A	Verticale	SLD 11	-24.9368	236.43	-54.5169	516.87	2.1862	Si
6021 Prosp.A	Verticale	SLD 11	-10.0534	237.95	-21.9931	520.53	2.1876	Si
5672 Prosp.A	Verticale	SLD 7	33.3005	179.05	73.6464	395.98	2.2116	Si
5671 Prosp.A	Verticale	SLD 11	32.5864	181.48	72.245	402.35	2.217	Si
5675 Prosp.A	Verticale	SLD 11	35.7099	165.93	79.3918	368.91	2.2232	Si
6032 Prosp.A	Verticale	SLD 9	17.657	194.82	39.3774	434.48	2.2301	Si
5576 Prosp.A	Verticale	SLD 11	26.3941	216.71	58.9804	484.27	2.2346	Si
5090 Prosp.A	Verticale	SLD 15	-129.0828	75.63	-288.8946	169.26	2.2381	Si
6381 Prosp.A	Verticale	SLD 9	6.8653	106.11	15.422	238.36	2.2464	Si
6367 Prosp.A	Verticale	SLD 11	-22.1923	234.43	-49.9476	527.63	2.2507	Si
5972 Prosp.A	Verticale	SLD 13	-12.9358	211.88	-29.5089	483.33	2.2812	Si
6403 Prosp.A	Verticale	SLD 11	8.9334	92.71	20.5301	213.07	2.2981	Si
6402 Prosp.A	Verticale	SLD 13	-1.8643	127.16	-4.3016	293.41	2.3074	Si
6380 Prosp.A	Verticale	SLD 9	5.8115	107.62	13.4098	248.32	2.3075	Si
5365 Prosp.A	Verticale	SLD 15	26.2835	210.07	60.7879	485.84	2.3128	Si

Verifiche a taglio SLU D.M. 17-01-18 §4.1.2.3.5

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
5733 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 9	-174.08	-125.15	69.2878	195.03	1130.65	0	195.03	2.5	0.0010053	1.1204	Si
5483 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 9	-174.08	-142.14	129.4625	197.26	1132.95	0	197.26	2.5	0.0010053	1.1331	Si
3530 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 3	156.89	80.66	21.6973	178.66	1113.72	0	178.66	2.5	0.0010053	1.1388	Si
3791 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 3	156	75.18	107.28	178.66	1113.72	0	178.66	2.5	0.0010053	1.1453	Si
6032 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 9	-166.5	-100.85	11.978	191.86	1127.36	0	191.86	2.5	0.0010053	1.1523	Si
6031 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 9	-160.57	-88.38	13.9732	190.22	1125.68	0	190.22	2.5	0.0010053	1.1847	Si
3529 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 3	140.09	73.24	28.1739	178.66	1113.72	0	178.66	2.5	0.0010053	1.2753	Si
6033 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 9	-148.23	-83.47	19.1661	189.58	1125.01	0	189.58	2.5	0.0010053	1.279	Si
3790 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 3	139.36	71.16	104.8734	178.66	1113.72	0	178.66	2.5	0.0010053	1.2821	Si
3531 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 3	138.83	58.8	30.7565	178.66	1113.72	0	178.66	2.5	0.0010053	1.2869	Si
3792 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 3	138.11	57.26	109.6242	178.66	1113.72	0	178.66	2.5	0.0010053	1.2937	Si
3118 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 3	132.46	29.22	-31.5239	178.66	1113.72	0	178.66	2.5	0.0010053	1.3488	Si
3527 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 3	131.84	32.13	49.0474	178.66	1113.72	0	178.66	2.5	0.0010053	1.3552	Si
6030 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 9	-136.69	-62.09	21.3126	186.79	1122.12	0	186.79	2.5	0.0010053	1.3665	Si
5730 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 9	-137.46	-70.91	66.6481	187.94	1123.31	0	187.94	2.5	0.0010053	1.3673	Si
5480 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 9	-137.46	-71.05	113.7002	187.96	1123.33	0	187.96	2.5	0.0010053	1.3674	Si
3117 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 3	130.17	17.24	-26.8658	178.66	1113.72	0	178.66	2.5	0.0010053	1.3725	Si
3526 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 3	129.57	19.54	52.7064	178.66	1113.72	0	178.66	2.5	0.0010053	1.3789	Si
3116 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 4	127.73	11.01	-23.0539	178.66	1113.72	0	178.66	2.5	0.0010053	1.3987	Si
3525 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 4	127.19	15.59	55.4123	178.66	1113.72	0	178.66	2.5	0.0010053	1.4047	Si
3115 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	126.94	9.42	-20.3277	178.66	1113.72	0	178.66	2.5	0.0010053	1.4074	Si
3114 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	126.61	6.98	-17.1029	178.66	1113.72	0	178.66	2.5	0.0010053	1.4111	Si
3523 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	126.48	14.01	57.8679	178.66	1113.72	0	178.66	2.5	0.0010053	1.4126	Si
3522 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	126.19	10.53	61.3082	178.66	1113.72	0	178.66	2.5	0.0010053	1.4158	Si
3113 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	126.09	4.13	-14.1583	178.66	1113.72	0	178.66	2.5	0.0010053	1.417	Si
3520 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	125.75	10.19	64.2719	178.66	1113.72	0	178.66	2.5	0.0010053	1.4208	Si
4313 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 7	125.8	-1.84	-48.518	178.9	1113.97	0	178.9	2.5	0.0010053	1.4222	Si
3119 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 3	125.58	48.1	-33.7897	178.66	1113.72	0	178.66	2.5	0.0010053	1.4228	Si
3112 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	125.36	3.89	-11.6467	178.66	1113.72	0	178.66	2.5	0.0010053	1.4252	Si
3518 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	125.13	9.27	66.61	178.66	1113.72	0	178.66	2.5	0.0010053	1.4278	Si
3528 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 3	125.02	49.75	43.7425	178.66	1113.72	0	178.66	2.5	0.0010053	1.4291	Si
3111 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	123.83	3.19	-9.5309	178.66	1113.72	0	178.66	2.5	0.0010053	1.4428	Si
3516 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	123.73	10.27	68.1954	178.66	1113.72	0	178.66	2.5	0.0010053	1.444	Si
3514 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	121.39	10.39	68.8761	178.66	1113.72	0	178.66	2.5	0.0010053	1.4718	Si
3110 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	121.13	5.08	-7.7117	178.66	1113.72	0	178.66	2.5	0.0010053	1.475	Si
3124 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 3	120.24	6.7	-16.8977	178.66	1113.72	0	178.66	2.5	0.0010053	1.4859	Si
3533 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 3	119.62	10.12	53.983	178.66	1113.72	0	178.66	2.5	0.0010053	1.4936	Si

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrzd	VRd	cotg(θ)	Asl	c.s.	Verifica
4312 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 11	120.03	-4.74	-42.4747	179.28	1114.36	0	179.28	2.5	0.0010053	1.4936	Si
3125 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 3	118.23	-0.78	-10.842	178.77	1113.82	0	178.77	2.5	0.0010053	1.512	Si
3534 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 3	117.6	3.05	58.1041	178.66	1113.72	0	178.66	2.5	0.0010053	1.5193	Si
3126 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 4	115.28	-0.67	-6.3882	178.75	1113.81	0	178.75	2.5	0.0010053	1.5506	Si
3535 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 4	114.69	2.57	60.442	178.66	1113.72	0	178.66	2.5	0.0010053	1.5578	Si
3512 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	114.38	13.3	67.1742	178.66	1113.72	0	178.66	2.5	0.0010053	1.562	Si
4302 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 7	116.64	-26.95	-24.9151	182.19	1117.36	0	182.19	2.5	0.0010053	1.562	Si
6407 Prosp.A	Verticale	0.452	0.5	Non necessaria	0	SLV 15	-67.64	178.83	-89.0267	105.97	577.29	50.63	105.97	2.5	0.0010053	1.5667	Si
3109 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	113.51	2.88	-3.5034	178.66	1113.72	0	178.66	2.5	0.0010053	1.574	Si
3789 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 3	113.44	54.24	103.5048	178.66	1113.72	0	178.66	2.5	0.0010053	1.575	Si
3127 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	113.39	0.89	-2.9161	178.66	1113.72	0	178.66	2.5	0.0010053	1.5757	Si
3536 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	112.83	5.82	61.7448	178.66	1113.72	0	178.66	2.5	0.0010053	1.5835	Si
6034 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 9	-117.08	-56.58	10.9546	186.07	1121.37	0	186.07	2.5	0.0010053	1.5892	Si
4302 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLV 11	115.12	1.85	4.1518	183.22	1154.59	101.27	183.22	2.5	0.0010053	1.5915	Si
5734 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 9	-117.08	-59.34	66.1799	186.43	1121.75	0	186.43	2.5	0.0010053	1.5923	Si
3128 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	111.48	0.57	1.3132	178.66	1113.72	0	178.66	2.5	0.0010053	1.6027	Si
3524 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	110.96	5.75	63.6414	178.66	1113.72	0	178.66	2.5	0.0010053	1.6102	Si
3123 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 3	110.84	23.44	-21.2392	178.66	1113.72	0	178.66	2.5	0.0010053	1.6119	Si
3532 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 3	110.7	31.1	45.4419	178.66	1113.72	0	178.66	2.5	0.0010053	1.6139	Si
3793 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 3	110.21	32.89	109.6691	178.66	1113.72	0	178.66	2.5	0.0010053	1.6211	Si
3129 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	109.17	0.76	4.2746	178.66	1113.72	0	178.66	2.5	0.0010053	1.6365	Si
3521 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	108.7	6.36	64.9522	178.66	1113.72	0	178.66	2.5	0.0010053	1.6437	Si
4354 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 9	111.71	-45.67	-13.4795	184.64	1119.9	0	184.64	2.5	0.0010053	1.6528	Si
5961 Prosp.A	Verticale	0.452	0.95	Non necessaria	0	SLV 15	-117.76	259.39	-166.2009	197.73	1096.66	96.19	197.73	2.5	0.0018096	1.6791	Si
5959 Prosp.A	Verticale	0.452	0.95	Non necessaria	0	SLV 15	-117.76	244.56	-234.0471	197.75	1096.86	96.2	197.75	2.5	0.0018096	1.6794	Si
3130 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	106.04	2.04	6.3219	178.66	1113.72	0	178.66	2.5	0.0010053	1.6849	Si
6029 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 9	-108.84	-40.99	11.2383	184.03	1119.26	0	184.03	2.5	0.0010053	1.6908	Si
3519 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	105.65	7.6	65.6892	178.66	1113.72	0	178.66	2.5	0.0010053	1.6911	Si
6393 Prosp.A	Verticale	0.452	0.5	Non necessaria	0	SLV 7	61.58	244.7	-39.373	105.97	577.29	50.63	105.97	2.5	0.0010053	1.7209	Si
3788 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 3	103.48	41.02	103.1305	178.66	1113.72	0	178.66	2.5	0.0010053	1.7266	Si
5484 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 9	-107.53	-54.33	94.6258	185.77	1121.07	0	185.77	2.5	0.0010053	1.7276	Si
4301 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 7	105.85	-34.49	-18.3798	183.18	1118.38	0	183.18	2.5	0.0010053	1.7305	Si
5729 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 9	-106.43	-42.39	61.6102	184.21	1119.45	0	184.21	2.5	0.0010053	1.7308	Si
3131 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	101.44	2.6	8.5634	178.66	1113.72	0	178.66	2.5	0.0010053	1.7612	Si
3787 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 3	101.22	31.76	105.14	178.66	1113.72	0	178.66	2.5	0.0010053	1.7652	Si
3517 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	101.17	8.95	65.6864	178.66	1113.72	0	178.66	2.5	0.0010053	1.7659	Si
3783 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	101.02	23.34	117.2927	178.66	1113.72	0	178.66	2.5	0.0010053	1.7686	Si
3782 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	100.91	26.74	120.6171	178.66	1113.72	0	178.66	2.5	0.0010053	1.7706	Si
3786 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 3	100.45	21.99	108.1751	178.66	1113.72	0	178.66	2.5	0.0010053	1.7786	Si
3784 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	100.36	24.92	113.3881	178.66	1113.72	0	178.66	2.5	0.0010053	1.7803	Si
3785 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	100.1	25.38	109.5804	178.66	1113.72	0	178.66	2.5	0.0010053	1.7849	Si
3778 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 11	100	-0.87	-96.0184	178.78	1113.83	0	178.78	2.5	0.0010053	1.7879	Si
3781 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	99.61	31.85	122.6056	178.66	1113.72	0	178.66	2.5	0.0010053	1.7937	Si
5479 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 9	-101.98	-37.35	88.1112	183.55	1118.77	0	183.55	2.5	0.0010053	1.7999	Si
6367 Prosp.A	Verticale	0.452	0.5	Non necessaria	0	SLV 7	-58.46	218.26	-44.9485	105.44	577.29	50.63	105.44	2.5	0.0009902	1.8037	Si
4351 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 9	101.73	-40.66	-15.9094	183.98	1119.22	0	183.98	2.5	0.0010053	1.8086	Si
4301 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLV 7	-101.73	-14.21	10.0665	185.15	1156.58	101.27	185.15	2.5	0.0010053	1.8199	Si
3804 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 7	97.5	2.63	-99.1424	178.66	1113.72	0	178.66	2.5	0.0010053	1.8325	Si
3780 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	97	35.69	123.6348	178.66	1113.72	0	178.66	2.5	0.0009531	1.8419	Si
3779 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	96.51	35.89	124.6939	178.66	1113.72	0	178.66	2.5	0.0010053	1.8512	Si
3794 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 3	96.47	19.88	108.6038	178.66	1113.72	0	178.66	2.5	0.0010053	1.852	Si

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
3141 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 7	97.51	-18.34	-62.182	181.06	1116.2	0	181.06	2.5	0.0010053	1.8568	Si
3108 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	95.05	1.78	4.0183	178.66	1113.72	0	178.66	2.5	0.0010053	1.8798	Si
3132 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	94.79	3.47	11.2536	178.66	1113.72	0	178.66	2.5	0.0010053	1.8849	Si
3515 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	94.75	9.81	64.8993	178.66	1113.72	0	178.66	2.5	0.0010053	1.8856	Si
3142 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 7	96.08	-20.29	-66.6297	181.32	1116.46	0	181.32	2.5	0.0010053	1.8872	Si
3140 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 7	95.19	-16.94	-58.0297	180.88	1116.01	0	180.88	2.5	0.0010053	1.9001	Si
3510 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 1	93.95	17.61	63.0412	178.66	1113.72	0	178.66	2.5	0.0010053	1.9017	Si
3101 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 11	94.68	-25.88	-57.3238	182.05	1117.22	0	182.05	2.5	0.0010053	1.9228	Si
3102 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 11	94.01	-23.14	-53.0552	181.69	1116.85	0	181.69	2.5	0.0010053	1.9327	Si
3795 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLU 3	92.12	15.06	109.2888	178.66	1113.72	0	178.66	2.5	0.0010053	1.9395	Si
3143 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLV 7	92.33	-22.52	-68.4296	181.61	1116.76	0	181.61	2.5	0.0009945	1.9669	Si
5483 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLV 9	-92.7	260.11	31.1169	183.22	1154.59	101.27	183.22	2.5	0.0010053	1.9765	Si

Verifiche a taglio SLD Resistenza D.M. 17-01-18 §4.1.2.3.5

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
3530 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 11	118.62	53.42	15.3801	178.66	1113.72	0	178.66	2.5	0.0010053	1.5062	Si
3791 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 11	117.96	46.99	80.143	178.66	1113.72	0	178.66	2.5	0.0010053	1.5147	Si
3529 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 7	106.62	44.99	21.385	178.66	1113.72	0	178.66	2.5	0.0010053	1.6757	Si
3790 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 7	106.03	40.25	78.7911	178.66	1113.72	0	178.66	2.5	0.0010053	1.685	Si
3531 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 11	105.58	35.7	21.2494	178.66	1113.72	0	178.66	2.5	0.0010053	1.6923	Si
3792 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 11	105	31.25	81.0921	178.66	1113.72	0	178.66	2.5	0.0010053	1.7016	Si
3118 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 11	101.23	13.01	-27.3041	178.66	1113.72	0	178.66	2.5	0.0010053	1.765	Si
3527 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 11	100.77	14.15	37.4781	178.66	1113.72	0	178.66	2.5	0.0010053	1.773	Si
5733 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 9	-106.64	-93.04	37.4939	190.83	1126.31	0	190.83	2.5	0.0010053	1.7895	Si
5483 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 9	-106.64	-102.81	74.3247	192.11	1127.63	0	192.11	2.5	0.0010053	1.8014	Si
6032 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 9	-104.41	-76.8	-7.7045	188.71	1124.11	0	188.71	2.5	0.0010053	1.8074	Si
3117 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 11	98.4	3.69	-24.2905	178.66	1113.72	0	178.66	2.5	0.0010053	1.8157	Si
3526 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 11	98.07	4.89	39.3645	178.66	1113.72	0	178.66	2.5	0.0010053	1.8218	Si
6031 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 9	-101.95	-69.46	-7.5635	187.75	1123.12	0	187.75	2.5	0.0010053	1.8416	Si
3119 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 11	96.01	28.65	-28.3497	178.66	1113.72	0	178.66	2.5	0.0010053	1.8609	Si
3528 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 11	95.59	28.64	33.9349	178.66	1113.72	0	178.66	2.5	0.0010053	1.8692	Si
3116 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 11	95.43	-2.84	-21.2304	179.04	1114.1	0	179.04	2.5	0.0010053	1.8761	Si
3525 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 11	95.13	0.48	41.3595	178.66	1113.72	0	178.66	2.5	0.0010053	1.8781	Si
3115 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 11	93.49	-6.31	-18.4268	179.49	1114.57	0	179.49	2.5	0.0010053	1.9198	Si
3523 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 11	93.13	-2.65	43.5112	179.01	1114.08	0	179.01	2.5	0.0010053	1.9221	Si
3124 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 7	92.38	-2.45	-17.3867	178.99	1114.05	0	178.99	2.5	0.0010053	1.9375	Si
3533 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 7	91.92	-1.03	40.7063	178.8	1113.86	0	178.8	2.5	0.0010053	1.9451	Si
3114 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 11	91.94	-7.97	-15.969	179.71	1114.8	0	179.71	2.5	0.0010053	1.9547	Si
3522 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 11	91.63	-4.69	45.4196	179.28	1114.35	0	179.28	2.5	0.0010053	1.9567	Si
3520 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 11	90.53	-4.53	46.9359	179.26	1114.33	0	179.26	2.5	0.0010053	1.98	Si
3113 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 11	90.76	-10.08	-13.8927	179.98	1115.08	0	179.98	2.5	0.0010053	1.983	Si
3518 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 11	89.72	-5.14	48.0167	179.34	1114.41	0	179.34	2.5	0.0010053	1.9989	Si
3125 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 7	89.8	-8.6	-13.4503	179.79	1114.88	0	179.79	2.5	0.0010053	2.0021	Si
3112 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 11	89.86	-9.82	-12.2736	179.95	1115.05	0	179.95	2.5	0.0010053	2.0026	Si
4313 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 7	89.89	-10.82	-33.5139	180.08	1115.18	0	180.08	2.5	0.0010053	2.0033	Si
3534 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 7	89.34	-6.33	42.8212	179.49	1114.57	0	179.49	2.5	0.0010053	2.009	Si
6033 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 9	-92.69	-66.07	-13.8877	187.31	1122.66	0	187.31	2.5	0.0010053	2.0208	Si
3516 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 11	88.23	-4.11	48.5324	179.2	1114.27	0	179.2	2.5	0.0010053	2.0311	Si
3111 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 11	88.29	-9.72	-10.931	179.94	1115.03	0	179.94	2.5	0.0010053	2.0381	Si
3126 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 7	86.52	-10.55	-9.9611	180.04	1115.14	0	180.04	2.5	0.0010053	2.081	Si
3535 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 7	86.08	-8.33	44.5944	179.75	1114.84	0	179.75	2.5	0.0010053	2.0882	Si
3789 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 11	85.55	26.18	78.2846	178.66	1113.72	0	178.66	2.5	0.0010053	2.0885	Si

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
3514 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 11	85.76	-3.69	48.2983	179.15	1114.22	0	179.15	2.5	0.0010053	2.0889	Si
6030 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 9	-88.71	-54.05	-12.6882	185.73	1121.03	0	185.73	2.5	0.0010053	2.0938	Si
3123 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 7	85.23	11.7	-19.7781	178.66	1113.72	0	178.66	2.5	0.0010053	2.0963	Si
5730 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 9	-88.71	-56.26	39.0758	186.02	1121.33	0	186.02	2.5	0.0010053	2.0971	Si
3110 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 11	85.59	-8.01	-9.7364	179.71	1114.8	0	179.71	2.5	0.0010053	2.0996	Si
5480 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 9	-88.91	-62.14	67.1352	186.79	1122.12	0	186.79	2.5	0.0010053	2.101	Si
3532 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 7	84.84	13.05	35.8954	178.66	1113.72	0	178.66	2.5	0.0010053	2.1059	Si
4302 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 11	85.62	8.48	2.9898	183.22	1154.59	101.27	183.22	2.5	0.0010053	2.1399	Si
4312 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 11	84.04	-13.43	-28.5244	180.42	1115.53	0	180.42	2.5	0.0010053	2.1469	Si
3127 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 7	83.9	-12.03	-7.1287	180.24	1115.35	0	180.24	2.5	0.0010053	2.1481	Si
3793 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 11	83.08	10.95	79.7319	178.66	1113.72	0	178.66	2.5	0.0010053	2.1505	Si
3536 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 7	83.48	-8.3	46.0812	179.75	1114.84	0	179.75	2.5	0.0010053	2.1531	Si
4302 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 7	83.1	-27.56	-15.0388	182.27	1117.45	0	182.27	2.5	0.0010053	2.1934	Si
4354 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 9	84.47	-56.43	-16.9602	186.05	1121.35	0	186.05	2.5	0.0010053	2.2024	Si
3128 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 7	81.6	-12.52	-4.9221	180.3	1115.41	0	180.3	2.5	0.0010053	2.2095	Si
3524 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 7	81.22	-8.39	46.9099	179.76	1114.85	0	179.76	2.5	0.0010053	2.2134	Si
3512 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 11	79.41	-0.9	46.4262	178.78	1113.84	0	178.78	2.5	0.0010053	2.2513	Si
3129 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 7	79.49	-12.48	-1.7526	180.3	1115.41	0	180.3	2.5	0.0010053	2.2682	Si
3521 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 7	79.14	-7.72	47.3049	179.67	1114.76	0	179.67	2.5	0.0010053	2.2704	Si
3109 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 11	78.89	-9.73	-8.3275	179.94	1115.03	0	179.94	2.5	0.0010053	2.2807	Si
3130 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 7	77.06	-11.13	2.3267	180.12	1115.22	0	180.12	2.5	0.0010053	2.3373	Si
3519 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 7	76.77	-6.48	47.3107	179.51	1114.59	0	179.51	2.5	0.0010053	2.3384	Si
4351 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 9	79.22	-55.33	-16.9634	185.9	1121.2	0	185.9	2.5	0.0010053	2.3467	Si
3788 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 11	75.84	17.27	78.1388	178.66	1113.72	0	178.66	2.5	0.0010053	2.3558	Si
6407 Prosp.A	Verticale	0.452	0.5	Non necessaria	0	SLD 15	-43.95	110.58	-58.294	105.97	577.29	50.63	105.97	2.5	0.0010053	2.411	Si
3517 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 7	73.46	-5.13	46.7499	179.34	1114.41	0	179.34	2.5	0.0010053	2.4413	Si
3131 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 7	73.69	-10.17	5.0264	179.99	1115.09	0	179.99	2.5	0.0010053	2.4426	Si
3787 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 11	72.46	12.41	78.4131	178.66	1113.72	0	178.66	2.5	0.0010053	2.4659	Si
6029 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 9	-73.27	-39.84	-17.1011	183.88	1119.11	0	183.88	2.5	0.0010053	2.5097	Si
6034 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 9	-73.42	-50.04	-18.7997	185.21	1120.49	0	185.21	2.5	0.0010053	2.5225	Si
5734 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 9	-73.42	-51.9	35.048	185.45	1120.74	0	185.45	2.5	0.0010053	2.5258	Si
4301 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 7	72.27	-32.44	-9.3757	182.91	1118.11	0	182.91	2.5	0.0010053	2.531	Si
3794 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 7	70.57	2.75	77.9575	178.66	1113.72	0	178.66	2.5	0.0010053	2.5317	Si
5961 Prosp.A	Verticale	0.452	0.95	Non necessaria	0	SLD 15	-78.06	162.98	-108.9754	197.73	1096.66	96.19	197.73	2.5	0.0018096	2.533	Si
5959 Prosp.A	Verticale	0.452	0.95	Non necessaria	0	SLD 15	-78.06	153.67	-153.2117	197.75	1096.86	96.2	197.75	2.5	0.0018096	2.5333	Si
3786 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 11	70.44	6.85	78.5003	178.66	1113.72	0	178.66	2.5	0.0010053	2.5365	Si
4301 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 7	-71.43	4.78	13.1875	183.22	1154.59	101.27	183.22	2.5	0.0010053	2.565	Si
5729 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 9	-71.53	-43.42	33.6207	184.34	1119.59	0	184.34	2.5	0.0010053	2.5772	Si
3785 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 11	68.66	5.36	79.3384	178.66	1113.72	0	178.66	2.5	0.0010053	2.6022	Si
3778 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 11	69.16	-15.01	-67.5506	180.63	1115.75	0	180.63	2.5	0.0010053	2.6116	Si
3515 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 7	68.49	-4.24	45.5334	179.22	1114.29	0	179.22	2.5	0.0010053	2.6167	Si
3132 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 7	68.59	-9.2	6.5517	179.87	1114.96	0	179.87	2.5	0.0010053	2.6222	Si
3784 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 11	67.69	5.73	80.9638	178.66	1113.72	0	178.66	2.5	0.0010053	2.6394	Si
3783 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 11	67.51	4.87	82.5669	178.66	1113.72	0	178.66	2.5	0.0010053	2.6466	Si
3804 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 7	68.02	-11.33	-70.5214	180.15	1115.25	0	180.15	2.5	0.0010053	2.6486	Si
3782 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 11	67.06	7.68	83.9457	178.66	1113.72	0	178.66	2.5	0.0010053	2.6644	Si
3120 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 11	66.39	43.73	-22.3356	178.66	1113.72	0	178.66	2.5	0.0010053	2.6913	Si
5479 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 9	-68.43	-42.8	52.7515	184.26	1119.51	0	184.26	2.5	0.0010053	2.6928	Si
3781 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 11	66.04	12.19	84.5954	178.66	1113.72	0	178.66	2.5	0.0010053	2.7053	Si
3795 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 7	65.61	1.03	77.8643	178.66	1113.72	0	178.66	2.5	0.0010053	2.7233	Si
3108 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 11	65.09	-10.2	-3.5436	180	1115.1	0	180	2.5	0.0010053	2.7653	Si

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
3530 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 11	66.21	27.71	-24.3704	183.22	1154.59	101.27	183.22	2.5	0.0010053	2.7671	Si
5484 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 9	-66.86	-49.52	52.8952	185.14	1120.42	0	185.14	2.5	0.0010053	2.769	Si
4352 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 5	67.26	-61.33	-21.5704	186.69	1122.02	0	186.69	2.5	0.0010053	2.7756	Si
3531 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 11	65.87	29.07	6.378	183.22	1154.59	101.27	183.22	2.5	0.0010053	2.7817	Si
3780 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 11	63.98	15.77	84.9748	178.66	1113.72	0	178.66	2.5	0.0009531	2.7923	Si
3779 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 11	62.98	15.08	85.4988	178.66	1113.72	0	178.66	2.5	0.0010053	2.8367	Si
3796 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 7	62.39	1.16	77.5586	178.66	1113.72	0	178.66	2.5	0.0010053	2.8636	Si
6393 Prosp.A	Verticale	0.452	0.5	Non necessaria	0	SLD 7	36.95	225.18	-24.4297	105.97	577.29	50.63	105.97	2.5	0.0010053	2.8677	Si
5655 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 15	-73.2	106.9	-109.7687	211.76	1154.59	101.27	211.76	2.5	0.0020053	2.8929	Si
5653 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 15	-73.19	93.55	-151.3447	211.95	1154.59	101.27	211.95	2.5	0.0020106	2.8959	Si
3791 Prosp.A	Verticale	0.452	1	Non necessaria	0	SLD 11	63.24	66.26	-29.2721	183.22	1154.59	101.27	183.22	2.5	0.0010053	2.8971	Si
3510 Prosp.A	Orizzontale	0.436	1	Non necessaria	0	SLD 11	61.43	3.1	43.3969	178.66	1113.72	0	178.66	2.5	0.0010053	2.9086	Si

Verifiche SLE tensione calcestruzzo D.M. 17-01-18 §4.1.2.2.5.1

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	σc	σc limite	Es/Ec	c.s.	Verifica
3780 Prosp.A	Orizzontale	SLE QP 2	84.8483	16.86	No	-1828	13073	15	7.1518	Si
3779 Prosp.A	Orizzontale	SLE QP 1	85.3696	18.44	No	-1828	13073	15	7.153	Si
3781 Prosp.A	Orizzontale	SLE QP 2	84.5553	14.35	No	-1818	13073	15	7.1926	Si
3782 Prosp.A	Orizzontale	SLE QP 2	83.5719	10.9	No	-1803	13073	15	7.2522	Si
3778 Prosp.A	Orizzontale	SLE QP 1	84.4023	22.44	No	-1799	13073	15	7.2669	Si
3783 Prosp.A	Orizzontale	SLE QP 2	81.622	8.64	No	-1764	13073	15	7.4097	Si
3784 Prosp.A	Orizzontale	SLE QP 2	79.244	9.88	No	-1710	13073	15	7.6445	Si
3798 Prosp.A	Orizzontale	SLE QP 2	77.418	4.68	No	-1680	13073	15	7.7811	Si
3799 Prosp.A	Orizzontale	SLE QP 2	77.5228	7.11	No	-1678	13073	15	7.7917	Si
3797 Prosp.A	Orizzontale	SLE QP 2	76.6393	4.93	No	-1663	13073	15	7.8628	Si
3785 Prosp.A	Orizzontale	SLE QP 2	76.9071	10.32	No	-1658	13073	15	7.8833	Si
3800 Prosp.A	Orizzontale	SLE QP 2	76.7961	10.64	No	-1655	13073	15	7.8977	Si
3796 Prosp.A	Orizzontale	SLE QP 2	75.9665	7.25	No	-1644	13073	15	7.9539	Si
3795 Prosp.A	Orizzontale	SLE QP 2	75.4035	8.83	No	-1628	13073	15	8.0285	Si
3801 Prosp.A	Orizzontale	SLE QP 2	75.8468	14.66	No	-1627	13073	15	8.0351	Si
3794 Prosp.A	Orizzontale	SLE QP 2	74.9279	12.63	No	-1611	13073	15	8.1159	Si
3793 Prosp.A	Orizzontale	SLE QP 2	75.7018	22.1	No	-1610	13073	15	8.1209	Si
3786 Prosp.A	Orizzontale	SLE QP 2	74.5443	12.89	No	-1602	13073	15	8.1608	Si
3802 Prosp.A	Orizzontale	SLE QP 2	74.3148	14.64	No	-1601	13073	15	8.1643	Si
3792 Prosp.A	Orizzontale	SLE QP 2	75.6989	39.4	No	-1577	13073	15	8.2893	Si
3803 Prosp.A	Orizzontale	SLE QP 2	71.998	13.34	No	-1545	13073	15	8.4586	Si
3787 Prosp.A	Orizzontale	SLE QP 2	72.4834	19.94	No	-1544	13073	15	8.4688	Si
5958 Prosp.A	Verticale	SLE QP 2	-80.1027	70.16	No	-1521	13073	15	8.5949	Si
3791 Prosp.A	Orizzontale	SLE QP 2	74.1168	51.94	No	-1519	13073	15	8.6067	Si
3788 Prosp.A	Orizzontale	SLE QP 2	71.2102	26.72	No	-1503	13073	15	8.6974	Si
5652 Prosp.A	Verticale	SLE QP 2	-81.892	50.31	No	-1500	13073	15	8.7151	Si
3789 Prosp.A	Orizzontale	SLE QP 2	71.5956	36.33	No	-1493	13073	15	8.754	Si
3790 Prosp.A	Orizzontale	SLE QP 2	72.5225	48.67	No	-1490	13073	15	8.7719	Si
6352 Prosp.A	Verticale	SLE QP 4	-42.6273	46.23	No	-1490	13073	15	8.7733	Si
5959 Prosp.A	Verticale	SLE QP 2	-78.1524	69.7	No	-1482	13073	15	8.8234	Si
5653 Prosp.A	Verticale	SLE QP 2	-80.1007	49.72	No	-1466	13073	15	8.9155	Si
3804 Prosp.A	Orizzontale	SLE QP 2	68.3414	18.3	No	-1456	13073	15	8.9763	Si
5332 Prosp.A	Verticale	SLE QP 2	-78.5476	45.76	No	-1443	13073	15	9.0581	Si
5333 Prosp.A	Verticale	SLE QP 2	-77.0238	45.32	No	-1414	13073	15	9.2425	Si
3780 Prosp.A	Orizzontale	SLE RA 4	84.8265	16.42	No	-1828	17430	15	9.5339	Si
3779 Prosp.A	Orizzontale	SLE RA 1	85.3696	18.44	No	-1828	17430	15	9.5374	Si
5087 Prosp.A	Verticale	SLE QP 2	-74.9619	48.43	No	-1369	13073	15	9.5502	Si
3781 Prosp.A	Orizzontale	SLE RA 3	84.4462	11.9	No	-1820	17430	15	9.5783	Si
3782 Prosp.A	Orizzontale	SLE RA 3	83.7081	8.42	No	-1810	17430	15	9.6288	Si
3778 Prosp.A	Orizzontale	SLE RA 1	84.4023	22.44	No	-1799	17430	15	9.6893	Si
5090 Prosp.A	Verticale	SLE QP 2	-73.6804	48.01	No	-1345	13073	15	9.7217	Si
3783 Prosp.A	Orizzontale	SLE RA 3	81.9712	6.12	No	-1777	17430	15	9.8106	Si
3784 Prosp.A	Orizzontale	SLE RA 3	79.7928	7.36	No	-1727	17430	15	10.0939	Si
4817 Prosp.A	Verticale	SLE QP 2	-70.6262	52.21	No	-1278	13073	15	10.2297	Si
3798 Prosp.A	Orizzontale	SLE RA 3	77.9253	2.13	No	-1696	17430	15	10.2776	Si
3799 Prosp.A	Orizzontale	SLE RA 3	77.916	4.57	No	-1691	17430	15	10.3069	Si
3797 Prosp.A	Orizzontale	SLE RA 3	77.1881	2.39	No	-1679	17430	15	10.3791	Si
3785 Prosp.A	Orizzontale	SLE RA 3	77.6335	7.78	No	-1679	17430	15	10.3819	Si
4818 Prosp.A	Verticale	SLE QP 2	-69.5751	51.74	No	-1258	13073	15	10.3888	Si
3800 Prosp.A	Orizzontale	SLE RA 3	76.9663	8.14	No	-1664	17430	15	10.4769	Si
3796 Prosp.A	Orizzontale	SLE RA 3	76.6271	4.77	No	-1663	17430	15	10.4835	Si
3795 Prosp.A	Orizzontale	SLE RA 3	76.2503	6.41	No	-1651	17430	15	10.5553	Si
3793 Prosp.A	Orizzontale	SLE RA 3	76.8363	20.23	No	-1638	17430	15	10.6409	Si
3794 Prosp.A	Orizzontale	SLE RA 3	75.9353	10.36	No	-1637	17430	15	10.6477	Si
3801 Prosp.A	Orizzontale	SLE RA 3	75.782	12.18	No	-1630	17430	15	10.6919	Si
3786 Prosp.A	Orizzontale	SLE RA 3	75.4165	10.37	No	-1626	17430	15	10.7219	Si
3792 Prosp.A	Orizzontale	SLE RA 3	76.844	38.23	No	-1604	17430	15	10.8649	Si
3802 Prosp.A	Orizzontale	SLE RA 4	74.341	14.1	No	-1603	17430	15	10.8749	Si
3791 Prosp.A	Orizzontale	SLE QP 2	-48.0919	-70.05	No	-1181	13073	15	11.0667	Si
3787 Prosp.A	Orizzontale	SLE RA 3	73.4576	17.5	No	-1569	17430	15	11.1058	Si
3803 Prosp.A	Orizzontale	SLE RA 4	71.9853	12.74	No	-1546	17430	15	11.2719	Si
3791 Prosp.A	Orizzontale	SLE RA 3	75.2219	51.21	No	-1544	17430	15	11.2862	Si
4548 Prosp.A	Verticale	SLE QP 2	-64.4923	55.62	No	-1153	13073	15	11.3404	Si
3790 Prosp.A	Orizzontale	SLE QP 2	-46.8801	-68.21	No	-1151	13073	15	11.3541	Si
5958 Prosp.A	Verticale	SLE RA 3	-80.634	70.37	No	-1532	17430	15	11.3807	Si
3788 Prosp.A	Orizzontale	SLE RA 3	72.26	24.46	No	-1530	17430	15	11.3906	Si
3792 Prosp.A	Orizzontale	SLE QP 2	-46.1057	-74.17	No	-1146	13073	15	11.4101	Si
3789 Prosp.A	Orizzontale	SLE RA 3	72.7326	34.45	No	-1522	17430	15	11.4545	Si
3790 Prosp.A	Orizzontale	SLE RA 3	73.6555	47.49	No	-1517	17430	15	11.4882	Si
4549 Prosp.A	Verticale	SLE QP 2	-63.6733	55.06	No	-1138	13073	15	11.489	Si
5652 Prosp.A	Verticale	SLE RA 3	-82.3707	50.47	No	-1509	17430	15	11.5507	Si
6352 Prosp.A	Verticale	SLE RA 7	-42.9306	46.24	No	-1502	17430	15	11.6061	Si

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	oc	oc limite	Es/Ec	c.s.	Verifica
5959 Prosp.A	Verticale	SLE RA 3	-78.693	69.9	No	-1492	17430	15	11.6796	Si
3789 Prosp.A	Orizzontale	SLE QP 2	-44.9044	-70.55	No	-1113	13073	15	11.7489	Si
5653 Prosp.A	Verticale	SLE RA 3	-80.5893	49.87	No	-1475	17430	15	11.8131	Si
3804 Prosp.A	Orizzontale	SLE RA 4	68.2974	17.65	No	-1457	17430	15	11.9662	Si
3514 Prosp.A	Orizzontale	SLE QP 2	49.8433	-1.23	No	-1090	13073	15	11.9971	Si
5332 Prosp.A	Verticale	SLE RA 3	-78.9562	45.87	No	-1451	17430	15	12.013	Si
3516 Prosp.A	Orizzontale	SLE QP 2	49.4701	-1.25	No	-1082	13073	15	12.0869	Si
5333 Prosp.A	Verticale	SLE RA 3	-77.4424	45.43	No	-1422	17430	15	12.2546	Si
3518 Prosp.A	Orizzontale	SLE QP 2	48.4363	-1.88	No	-1060	13073	15	12.3306	Si
3512 Prosp.A	Orizzontale	SLE QP 2	48.6288	0.66	No	-1060	13073	15	12.3373	Si
3732 Prosp.A	Orizzontale	SLE QP 2	48.2018	-3.23	No	-1058	13073	15	12.3604	Si
3788 Prosp.A	Orizzontale	SLE QP 2	-41.7181	-77.84	No	-1057	13073	15	12.3687	Si
3519 Prosp.A	Orizzontale	SLE QP 2	47.9485	-3.14	No	-1052	13073	15	12.4274	Si
3517 Prosp.A	Orizzontale	SLE QP 2	47.9395	-2.35	No	-1050	13073	15	12.4474	Si
5960 Prosp.A	Verticale	SLE QP 2	-57.4953	74.28	No	-1047	13073	15	12.4898	Si
3521 Prosp.A	Orizzontale	SLE QP 2	47.4012	-3.83	No	-1041	13073	15	12.5543	Si
3793 Prosp.A	Orizzontale	SLE QP 2	-40.6868	-80.84	No	-1040	13073	15	12.5689	Si
3515 Prosp.A	Orizzontale	SLE QP 2	47.3536	-1.91	No	-1037	13073	15	12.6107	Si
5654 Prosp.A	Verticale	SLE QP 2	-58.5303	56.94	No	-1035	13073	15	12.6283	Si
5087 Prosp.A	Verticale	SLE RA 3	-75.3199	48.54	No	-1376	17430	15	12.6712	Si
3520 Prosp.A	Orizzontale	SLE QP 2	46.8354	-1.08	No	-1024	13073	15	12.7693	Si
6353 Prosp.A	Verticale	SLE QP 2	-30.6314	47.26	No	-1021	13073	15	12.8086	Si
5961 Prosp.A	Verticale	SLE QP 2	-56.2024	74.27	No	-1020	13073	15	12.8164	Si
3524 Prosp.A	Orizzontale	SLE QP 2	46.4075	-3.98	No	-1020	13073	15	12.8176	Si
4266 Prosp.A	Verticale	SLE QP 2	-55.4487	57.43	No	-1014	13073	15	12.8862	Si
5090 Prosp.A	Verticale	SLE RA 3	-74.0486	48.13	No	-1352	17430	15	12.8956	Si
3804 Prosp.A	Orizzontale	SLE QP 2	-44.6528	-20.57	No	-1013	13073	15	12.9061	Si
5655 Prosp.A	Verticale	SLE QP 2	-57.3309	56.77	No	-1012	13073	15	12.9152	Si

Verifiche SLE tensione acciaio D.M. 17-01-18 §4.1.2.2.5.2

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	of	of limite	Es/Ec	c.s.	Verifica
6352 Prosp.A	Verticale	SLE RA 3	-42.9272	46.8	No	22706	360000	15	15.8546	Si
5958 Prosp.A	Verticale	SLE RA 3	-80.634	70.37	No	22168	360000	15	16.2398	Si
5959 Prosp.A	Verticale	SLE RA 3	-78.693	69.9	No	21669	360000	15	16.6136	Si
3779 Prosp.A	Orizzontale	SLE RA 1	85.3696	18.44	No	21305	360000	15	16.8972	Si
3780 Prosp.A	Orizzontale	SLE RA 1	84.9352	18.64	No	21305	360000	15	16.8974	Si
3778 Prosp.A	Orizzontale	SLE RA 1	84.4023	22.44	No	21183	360000	15	16.9947	Si
3781 Prosp.A	Orizzontale	SLE RA 1	84.4712	16.15	No	21022	360000	15	17.125	Si
5652 Prosp.A	Verticale	SLE RA 3	-82.3707	50.47	No	20732	360000	15	17.3647	Si
3782 Prosp.A	Orizzontale	SLE RA 4	83.6329	10.44	No	20656	360000	15	17.4283	Si
5653 Prosp.A	Verticale	SLE RA 3	-80.5893	49.87	No	20297	360000	15	17.7368	Si
3783 Prosp.A	Orizzontale	SLE RA 3	81.9712	6.12	No	20129	360000	15	17.8842	Si
5332 Prosp.A	Verticale	SLE RA 3	-78.9562	45.87	No	19805	360000	15	18.1177	Si
3792 Prosp.A	Orizzontale	SLE RA 3	76.844	38.23	No	19790	360000	15	18.1914	Si
3791 Prosp.A	Orizzontale	SLE RA 3	75.2219	51.21	No	19762	360000	15	18.2169	Si
3784 Prosp.A	Orizzontale	SLE RA 3	79.7928	7.36	No	19634	360000	15	18.3353	Si
5333 Prosp.A	Verticale	SLE RA 3	-77.4424	45.43	No	19437	360000	15	18.5211	Si
3793 Prosp.A	Orizzontale	SLE RA 3	76.8363	20.23	No	19278	360000	15	18.6737	Si
3790 Prosp.A	Orizzontale	SLE RA 3	73.6555	47.49	No	19276	360000	15	18.6766	Si
3785 Prosp.A	Orizzontale	SLE RA 3	77.6335	7.78	No	19120	360000	15	18.8281	Si
3799 Prosp.A	Orizzontale	SLE RA 3	77.916	4.57	No	19098	360000	15	18.8498	Si
3798 Prosp.A	Orizzontale	SLE RA 3	77.9253	2.13	No	19032	360000	15	18.916	Si
5087 Prosp.A	Verticale	SLE RA 3	-75.3199	48.54	No	19021	360000	15	18.9262	Si
3800 Prosp.A	Orizzontale	SLE RA 4	76.8892	10.15	No	19006	360000	15	18.9413	Si
3801 Prosp.A	Orizzontale	SLE RA 4	75.9075	14.16	No	18881	360000	15	19.0673	Si
3797 Prosp.A	Orizzontale	SLE RA 3	77.1881	2.39	No	18859	360000	15	19.0887	Si
6393 Prosp.A	Verticale	SLE RA 1	-14.4693	224.73	No	18841	360000	15	19.1073	Si
3796 Prosp.A	Orizzontale	SLE RA 3	76.6271	4.77	No	18790	360000	15	19.159	Si
3794 Prosp.A	Orizzontale	SLE RA 3	75.9353	10.36	No	18780	360000	15	19.1693	Si
3795 Prosp.A	Orizzontale	SLE RA 3	76.2503	6.41	No	18745	360000	15	19.2052	Si
5090 Prosp.A	Verticale	SLE RA 3	-74.0486	48.13	No	18711	360000	15	19.24	Si
3789 Prosp.A	Orizzontale	SLE RA 3	72.7326	34.45	No	18682	360000	15	19.27	Si
3786 Prosp.A	Orizzontale	SLE RA 3	75.4165	10.37	No	18654	360000	15	19.299	Si
3802 Prosp.A	Orizzontale	SLE RA 1	74.2103	16.8	No	18629	360000	15	19.3244	Si
3787 Prosp.A	Orizzontale	SLE RA 3	73.4576	17.5	No	18379	360000	15	19.5877	Si
3788 Prosp.A	Orizzontale	SLE RA 3	72.26	24.46	No	18284	360000	15	19.6893	Si
4817 Prosp.A	Verticale	SLE RA 3	-70.946	52.36	No	18094	360000	15	19.8957	Si
3803 Prosp.A	Orizzontale	SLE RA 1	72.0486	15.72	No	17985	360000	15	20.0164	Si
6367 Prosp.A	Verticale	SLE RA 1	-14.1256	210.26	No	17942	360000	15	20.0642	Si
4818 Prosp.A	Verticale	SLE RA 3	-69.9056	51.89	No	17837	360000	15	20.1827	Si
3804 Prosp.A	Orizzontale	SLE RA 1	68.5175	20.89	No	17272	360000	15	20.8429	Si
6353 Prosp.A	Verticale	SLE RA 3	-30.8138	47.32	No	17034	360000	15	21.1346	Si
4548 Prosp.A	Verticale	SLE RA 3	-64.7786	55.83	No	16736	360000	15	21.5105	Si
6407 Prosp.A	Verticale	SLE RA 3	-30.0924	47.39	No	16698	360000	15	21.5594	Si
5960 Prosp.A	Verticale	SLE RA 3	-57.8202	74.36	No	16576	360000	15	21.7185	Si
4549 Prosp.A	Verticale	SLE RA 3	-63.9704	55.28	No	16531	360000	15	21.7771	Si
5961 Prosp.A	Verticale	SLE RA 3	-56.5339	74.35	No	16253	360000	15	22.1493	Si
5654 Prosp.A	Verticale	SLE RA 3	-58.833	56.99	No	15376	360000	15	23.4134	Si
4266 Prosp.A	Verticale	SLE RA 3	-55.6943	57.7	No	15204	360000	15	23.6786	Si
5655 Prosp.A	Verticale	SLE RA 3	-57.6402	56.81	No	15090	360000	15	23.8567	Si
6394 Prosp.A	Verticale	SLE RA 1	-7.2121	218.41	No	15088	360000	15	23.8602	Si
4267 Prosp.A	Verticale	SLE RA 3	-55.1341	57.08	No	14770	360000	15	24.3742	Si
6392 Prosp.A	Verticale	SLE RA 1	-13.0385	160.89	No	14750	360000	15	24.4068	Si
5334 Prosp.A	Verticale	SLE RA 3	-55.5095	50.54	No	14414	360000	15	24.9764	Si
5335 Prosp.A	Verticale	SLE RA 3	-54.4844	50.42	No	14169	360000	15	25.4073	Si
6368 Prosp.A	Verticale	SLE RA 1	-12.0629	147.79	No	13619	360000	15	26.4342	Si
5093 Prosp.A	Verticale	SLE RA 3	-51.0153	51.28	No	13376	360000	15	26.9141	Si
5094 Prosp.A	Verticale	SLE RA 3	-50.1725	51.13	No	13174	360000	15	27.3272	Si
5839 Prosp.A	Verticale	SLE RA 1	-19.5	302.77	No	12886	360000	15	27.9378	Si
6365 Prosp.A	Verticale	SLE RA 1	7.4854	172.94	No	12807	360000	15	28.1092	Si
6363 Prosp.A	Verticale	SLE RA 1	9.6311	133.78	No	12776	360000	15	28.1768	Si
6391 Prosp.A	Verticale	SLE RA 1	-8.2758	165.4	No	12750	360000	15	28.2353	Si
6369 Prosp.A	Verticale	SLE RA 2	-7.8539	148.06	No	12649	360000	15	28.4606	Si
6397 Prosp.A	Verticale	SLE RA 1	8.3439	143.12	No	12627	360000	15	28.511	Si
5785 Prosp.A	Verticale	SLE RA 1	-14.7663	334.82	No	12603	360000	15	28.5649	Si
6395 Prosp.A	Verticale	SLE RA 1	5.5302	185.26	No	12521	360000	15	28.7511	Si
3686 Prosp.A	Verticale	SLE RA 3	-42.4296	56.2	No	12382	360000	15	29.0755	Si
5834 Prosp.A	Verticale	SLE RA 1	-11.2737	355.06	No	12342	360000	15	29.1684	Si

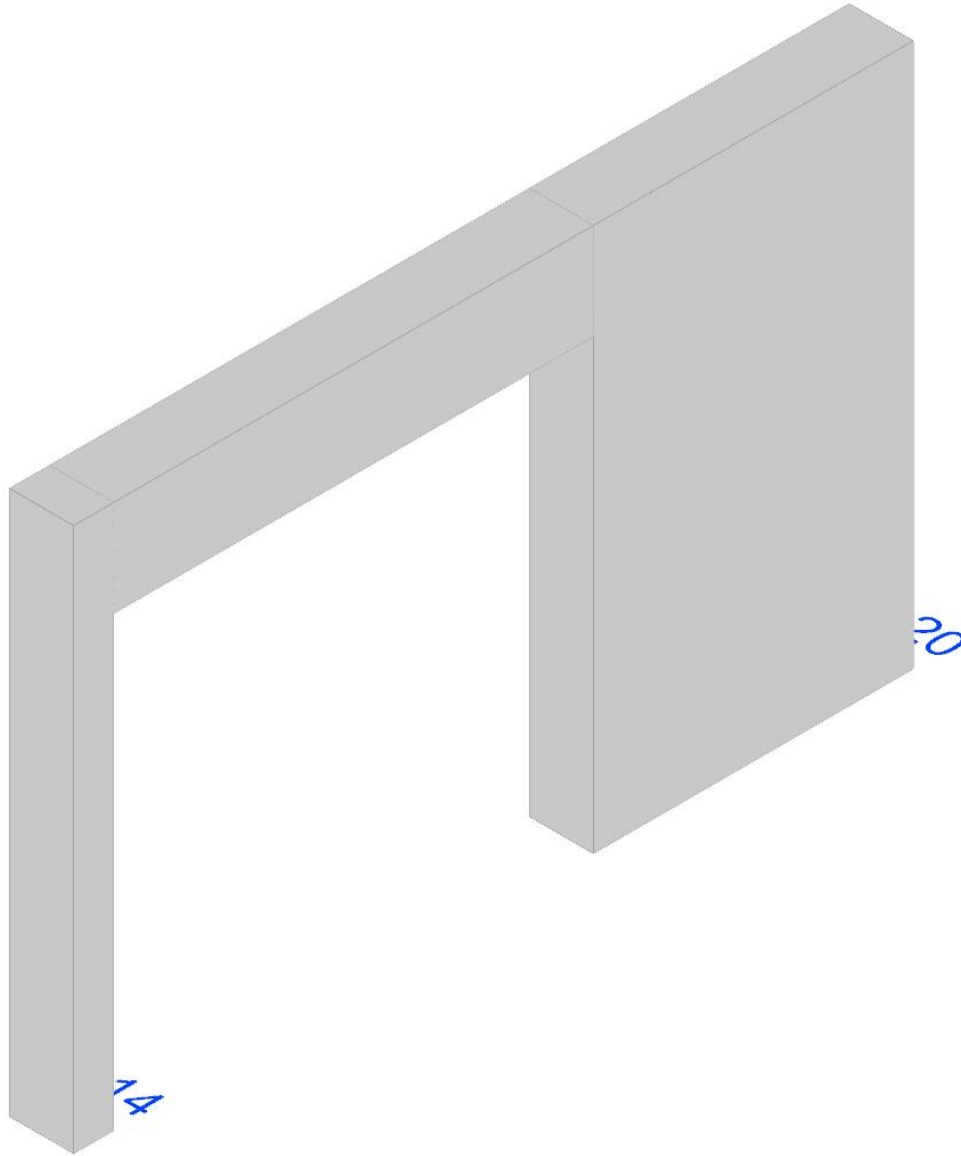
Vano di equalizzazione e sedimentazione meccanica

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	of	of limite	Es/Ec	c.s.	Verifica
6362 Prosp.A	Verticale	SLE RA 1	10.1376	120.24	No	12320	360000	15	29.2208	Si
6398 Prosp.A	Verticale	SLE RA 1	9.1981	128.3	No	12230	360000	15	29.4366	Si
6364 Prosp.A	Verticale	SLE RA 1	8.6982	151.08	No	12207	360000	15	29.4909	Si
3514 Prosp.A	Orizzontale	SLE RA 3	50.2365	-3.49	No	12132	360000	15	29.6745	Si
3512 Prosp.A	Orizzontale	SLE RA 3	48.3509	11.43	No	12095	360000	15	29.7654	Si
3687 Prosp.A	Verticale	SLE RA 3	-42.2366	56	No	12091	360000	15	29.7735	Si
3516 Prosp.A	Orizzontale	SLE RA 3	49.9669	-3.54	No	12064	360000	15	29.8397	Si
4820 Prosp.A	Verticale	SLE RA 3	-45.1127	53.88	No	12057	360000	15	29.8585	Si
6396 Prosp.A	Verticale	SLE RA 1	7.0728	162.07	No	12005	360000	15	29.9865	Si
4821 Prosp.A	Verticale	SLE RA 3	-44.473	53.64	No	11900	360000	15	30.2522	Si
6390 Prosp.A	Verticale	SLE RA 1	-5.7917	153.36	No	11857	360000	15	30.3631	Si
3518 Prosp.A	Orizzontale	SLE RA 3	49.0285	-4.21	No	11817	360000	15	30.4644	Si
5938 Prosp.A	Verticale	SLE RA 1	-17.8051	278.14	No	11813	360000	15	30.476	Si
3517 Prosp.A	Orizzontale	SLE RA 3	47.4873	6.53	No	11746	360000	15	30.6491	Si
5864 Prosp.A	Verticale	SLE RA 1	-14.3269	292.43	No	11728	360000	15	30.6963	Si
3732 Prosp.A	Orizzontale	SLE RA 1	48.3143	-1.67	No	11715	360000	15	30.7297	Si
6354 Prosp.A	Verticale	SLE RA 3	-19.2982	48.63	No	11685	360000	15	30.8088	Si
3515 Prosp.A	Orizzontale	SLE RA 3	47.0952	7.35	No	11674	360000	15	30.839	Si
3519 Prosp.A	Orizzontale	SLE RA 3	48.5758	-5.5	No	11670	360000	15	30.8476	Si
6399 Prosp.A	Verticale	SLE RA 1	9.4397	114.67	No	11581	360000	15	31.0862	Si
5784 Prosp.A	Verticale	SLE RA 1	-12.7588	309.19	No	11581	360000	15	31.0866	Si
6406 Prosp.A	Verticale	SLE RA 3	-18.9046	49.49	No	11546	360000	15	31.1806	Si
3521 Prosp.A	Orizzontale	SLE RA 3	48.1036	-6.22	No	11535	360000	15	31.209	Si
6361 Prosp.A	Verticale	SLE RA 1	10.0413	107.89	No	11513	360000	15	31.27	Si
5863 Prosp.A	Verticale	SLE RA 2	-13.5785	261.72	No	11495	360000	15	31.3178	Si
5879 Prosp.A	Verticale	SLE RA 1	16.9716	225.56	No	11476	360000	15	31.3685	Si
3513 Prosp.A	Orizzontale	SLE RA 3	46.1907	8.11	No	11475	360000	15	31.3735	Si
3520 Prosp.A	Orizzontale	SLE RA 3	47.5071	-3.41	No	11469	360000	15	31.3884	Si
5962 Prosp.A	Verticale	SLE RA 3	-35.8989	87.26	No	11458	360000	15	31.4201	Si
3510 Prosp.A	Orizzontale	SLE RA 3	46.0284	8.09	No	11435	360000	15	31.4829	Si
6366 Prosp.A	Verticale	SLE RA 9	-3.7501	179.32	No	11386	360000	15	31.6166	Si
5859 Prosp.A	Verticale	SLE RA 1	12.1057	295.64	No	11349	360000	15	31.722	Si
5963 Prosp.A	Verticale	SLE RA 3	-35.1988	88.8	No	11326	360000	15	31.7847	Si

Parete FILI 14-20

Verifiche condotte secondo D.M. 17-01-18 (N.T.C.)

Geometria



Caratteristiche dei materiali

Acciaio: B450C Fyk 450000
Calcestruzzo: C28/35 Rck 35000

Livelli significativi

Descrizione breve	Descrizione	Quota	Spessore
L3	Piano campagna	0	0
L4	Livello soletta paratoie	2.2	0
L5	Livello stramazzi	2.62	0
L6	Livello coronamento	3.4	0

Verifiche nei nodi

Sezioni rettangolari

Descrizione	Dir.	Base	Altezza	As,sup	As,inf	c,sup	c,inf
5788 Prosp.A	Verticale	0.5	0.4	0.000385	0.000385	0.047	0.047
4360 Prosp.A	Orizzontale	0.5	0.4	0.000462	0.000616	0.0631	0.0973
3997 Prosp.A	Orizzontale	0.5	0.4	0.000462	0.000616	0.0631	0.0973
5519 Prosp.A	Orizzontale	0.25	0.4	0.000308	0.000616	0.0672	0.1336
5521 Prosp.A	Orizzontale	0.25	0.4	0.000308	0.000616	0.0672	0.1336
5790 Prosp.A	Verticale	0.5	0.4	0.000385	0.000385	0.047	0.047
6424 Prosp.A	Verticale	0.5	0.4	0.000385	0.000385	0.047	0.047
5784 Prosp.A	Orizzontale	0.25	0.4	0.000308	0.000616	0.0672	0.1336
5786 Prosp.A	Orizzontale	0.25	0.4	0.000308	0.000616	0.0672	0.1336
5786 Prosp.A	Verticale	0.5	0.4	0.000385	0.000385	0.047	0.047
5845 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
5830 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
5794 Prosp.A	Verticale	0.5	0.4	0.000385	0.000385	0.047	0.047
4647 Prosp.A	Verticale	1	0.4	0.00077	0.00077	0.047	0.047
4368 Prosp.A	Orizzontale	0.95	0.4	0.00077	0.000924	0.0622	0.0852
5796 Prosp.A	Verticale	0.5	0.4	0.000385	0.000385	0.047	0.047
5214 Prosp.A	Verticale	1	0.4	0.000768	0.000768	0.047	0.047
5537 Prosp.A	Verticale	1	0.4	0.000768	0.000768	0.047	0.047
4936 Prosp.A	Verticale	1	0.4	0.000768	0.000768	0.047	0.047
5529 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
6455 Prosp.A	Verticale	0.5	0.4	0.000385	0.000385	0.047	0.047
4021 Prosp.A	Orizzontale	0.95	0.4	0.00077	0.000924	0.0622	0.0852
5792 Prosp.A	Verticale	0.5	0.4	0.000385	0.000385	0.047	0.047
4654 Prosp.A	Verticale	1	0.4	0.00077	0.00077	0.047	0.047
5798 Prosp.A	Verticale	0.5	0.4	0.000385	0.000385	0.047	0.047

Descrizione	Dir.	Base	Altezza	As,sup	As,inf	c,sup	c,inf
5537 Prosp.A	Orizzontale	0.7	0.4	0.000616	0.00077	0.0625	0.09
4375 Prosp.A	Verticale	0.9763	0.4	0.00077	0.00077	0.047	0.047
4368 Prosp.A	Verticale	0.9715	0.4	0.00077	0.00077	0.047	0.047
5225 Prosp.A	Orizzontale	0.25	0.4	0.000308	0.000616	0.0672	0.1336
5223 Prosp.A	Orizzontale	0.25	0.4	0.000308	0.000616	0.0672	0.1336
4021 Prosp.A	Verticale	0.5	0.4	0.000385	0.000385	0.047	0.047
5854 Prosp.A	Orizzontale	0.7	0.4	0.000616	0.00077	0.0625	0.09
5798 Prosp.A	Orizzontale	0.5	0.4	0.000462	0.000616	0.0631	0.0973
4630 Prosp.A	Orizzontale	0.5	0.4	0.000462	0.000616	0.0631	0.0973
6622 Prosp.A	Verticale	0.5	0.4	0.000385	0.000385	0.047	0.047
4639 Prosp.A	Verticale	1	0.4	0.00077	0.00077	0.047	0.047
4661 Prosp.A	Verticale	1	0.4	0.000768	0.000768	0.047	0.047
6489 Prosp.A	Verticale	0.5	0.4	0.000385	0.000385	0.047	0.047
4318 Prosp.A	Orizzontale	0.25	0.4	0.000462	0.000924	0.0672	0.1336
4320 Prosp.A	Orizzontale	0.25	0.4	0.000462	0.000924	0.0672	0.1336
5214 Prosp.A	Orizzontale	0.7	0.4	0.000616	0.00077	0.0625	0.09
6649 Prosp.A	Verticale	0.5	0.4	0.000385	0.000385	0.047	0.047
6524 Prosp.A	Verticale	0.5	0.4	0.000385	0.000385	0.047	0.047
4929 Prosp.A	Verticale	1	0.4	0.00077	0.00077	0.047	0.047
6594 Prosp.A	Verticale	0.5	0.4	0.000385	0.000385	0.047	0.047
5091 Prosp.A	Orizzontale	0.25	0.4	0.000308	0.000616	0.0672	0.1336
5088 Prosp.A	Orizzontale	0.25	0.4	0.000308	0.000616	0.0672	0.1336
6678 Prosp.A	Verticale	0.5	0.4	0.000385	0.000385	0.047	0.047
3778 Prosp.A	Orizzontale	0.25	0.4	0.000308	0.000616	0.0672	0.1336
3806 Prosp.A	Orizzontale	0.25	0.4	0.000308	0.000616	0.0672	0.1336
5816 Prosp.A	Orizzontale	1	0.4	0.00077	0.000902	0.0622	0.0824
4070 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
4382 Prosp.A	Verticale	0.981	0.4	0.00077	0.00077	0.047	0.047
4921 Prosp.A	Verticale	1	0.4	0.00077	0.00077	0.047	0.047
5494 Prosp.A	Orizzontale	0.5	0.4	0.000462	0.000616	0.0631	0.0973
5854 Prosp.A	Verticale	0.9857	0.4	0.000768	0.000768	0.047	0.047
5505 Prosp.A	Orizzontale	0.95	0.4	0.00077	0.000924	0.0622	0.0852
6705 Prosp.A	Verticale	0.5	0.4	0.000385	0.000385	0.047	0.047
4082 Prosp.A	Orizzontale	0.7	0.4	0.000616	0.00077	0.0625	0.09
5514 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
6560 Prosp.A	Verticale	0.5	0.4	0.000385	0.000385	0.047	0.047
4049 Prosp.A	Verticale	0.5	0.4	0.000385	0.000385	0.047	0.047
4856 Prosp.A	Orizzontale	0.25	0.4	0.000308	0.000616	0.0672	0.1336
4858 Prosp.A	Orizzontale	0.25	0.4	0.000308	0.000616	0.0672	0.1336
4913 Prosp.A	Verticale	1	0.4	0.00077	0.00077	0.047	0.047
5206 Prosp.A	Verticale	1	0.4	0.00077	0.00077	0.047	0.047
4389 Prosp.A	Verticale	0.9857	0.4	0.000768	0.000768	0.047	0.047
5845 Prosp.A	Verticale	0.9961	0.4	0.00077	0.00077	0.047	0.047
5179 Prosp.A	Orizzontale	0.5	0.4	0.000462	0.000616	0.0631	0.0973
5206 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
5188 Prosp.A	Orizzontale	0.95	0.4	0.00077	0.000924	0.0622	0.0852
5816 Prosp.A	Verticale	1	0.4	0.00077	0.00077	0.047	0.047
4389 Prosp.A	Orizzontale	0.7	0.4	0.000616	0.00077	0.0625	0.09
4936 Prosp.A	Orizzontale	0.7	0.4	0.000616	0.00077	0.0625	0.09
5830 Prosp.A	Verticale	1	0.4	0.00077	0.00077	0.047	0.047
4903 Prosp.A	Orizzontale	0.5	0.4	0.000462	0.000616	0.0631	0.0973
4913 Prosp.A	Orizzontale	0.95	0.4	0.00077	0.000924	0.0622	0.0852
5505 Prosp.A	Verticale	1	0.4	0.00077	0.00077	0.047	0.047
4070 Prosp.A	Verticale	0.5	0.4	0.000385	0.000385	0.047	0.047
4049 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
4639 Prosp.A	Orizzontale	0.95	0.4	0.00077	0.000924	0.0622	0.0852
5198 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
4375 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
4921 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
4647 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
5514 Prosp.A	Verticale	1	0.4	0.000749	0.000749	0.047	0.047
5529 Prosp.A	Verticale	1	0.4	0.00077	0.00077	0.047	0.047
4582 Prosp.A	Orizzontale	0.25	0.4	0.000308	0.000616	0.0672	0.1336
4580 Prosp.A	Orizzontale	0.25	0.4	0.000308	0.000616	0.0672	0.1336
4382 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
4654 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
6728 Prosp.A	Verticale	0.5	0.4	0.000384	0.000384	0.047	0.047

Verifiche a flessione SLU D.M. 17-01-18 §4.1.2.3.4.2

La struttura è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione, per le combinazioni SLV, viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Descrizione	Dir.	Comb.	Med	Ned	MRd	NRd	c.s.	Verifica
5788 Prosp.A	Verticale	SLV 11	-13.0491	71.93	-25.3877	139.94	1.9455	Si
4360 Prosp.A	Orizzontale	SLV 11	-2.1807	136.93	-5.903	370.64	2.7069	Si
3997 Prosp.A	Orizzontale	SLV 11	-3.5868	112.72	-10.5232	330.71	2.9339	Si
5519 Prosp.A	Orizzontale	SLV 7	-2.2797	85.19	-7.4274	277.56	3.2581	Si
5521 Prosp.A	Orizzontale	SLV 7	-2.2797	85.19	-7.4274	277.56	3.2581	Si
5790 Prosp.A	Verticale	SLV 7	-9.0932	29.25	-35.3179	113.61	3.884	Si
6424 Prosp.A	Verticale	SLV 7	-15.5159	-15.62	-64.0192	-64.45	4.126	Si
5784 Prosp.A	Orizzontale	SLV 11	2.1252	61.49	8.9854	259.96	4.228	Si
5786 Prosp.A	Orizzontale	SLV 11	2.1252	61.49	8.9854	259.96	4.228	Si
5786 Prosp.A	Verticale	SLV 7	-15.7495	-31.74	-71.5301	-144.14	4.5417	Si
5786 Prosp.A	Verticale	SLV 9	5.3868	28.5	25.9047	137.03	4.8089	Si
5845 Prosp.A	Orizzontale	SLV 7	8.9021	56.19	45.7648	288.88	5.1409	Si
4360 Prosp.A	Orizzontale	SLV 15	0.2232	74.32	1.2342	410.99	5.5303	Si
5830 Prosp.A	Orizzontale	SLV 7	15.4468	9.39	85.6795	52.1	5.5467	Si
5794 Prosp.A	Verticale	SLV 5	0.9969	42.04	6.1841	260.76	6.203	Si
4647 Prosp.A	Verticale	SLV 11	-3.3376	68.39	-22.2879	456.69	6.6777	Si
4368 Prosp.A	Orizzontale	SLV 11	-3.7182	64.71	-26.0285	453	7.0003	Si
5796 Prosp.A	Verticale	SLV 5	1.747	30.04	12.6904	218.24	7.264	Si
5214 Prosp.A	Verticale	SLV 7	-13.0184	6.85	-98.9339	52.02	7.5995	Si
5537 Prosp.A	Verticale	SLV 7	-12.3619	6.88	-98.465	54.81	7.9652	Si
4936 Prosp.A	Verticale	SLV 7	-11.1846	13.39	-89.9896	107.77	8.0458	Si
5529 Prosp.A	Orizzontale	SLV 7	4.1393	44.26	33.6756	360.09	8.1356	Si
6455 Prosp.A	Verticale	SLV 7	-11.1496	-29.61	-92.486	-245.6	8.295	Si
4021 Prosp.A	Orizzontale	SLV 15	-0.5563	74.79	-4.6497	625.16	8.3585	Si
5792 Prosp.A	Verticale	SLV 5	0.6868	31.51	5.7461	263.63	8.3664	Si
4654 Prosp.A	Verticale	SLV 11	-3.9045	45.39	-33.1671	385.58	8.4946	Si
5790 Prosp.A	Verticale	SLV 3	1.1406	27.12	9.9347	236.25	8.7098	Si
5798 Prosp.A	Verticale	SLV 5	3.6332	11.64	31.9711	102.43	8.7997	Si

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
5537 Prosp.A	Orizzontale	SLV 11	1.8089	46.52	15.9497	410.19	8.8172	Si
4375 Prosp.A	Verticale	SLV 11	-1.6613	56.52	-14.852	505.29	8.9402	Si
4368 Prosp.A	Verticale	SLV 1	1.5915	57.93	14.5193	528.52	9.1229	Si
5225 Prosp.A	Orizzontale	SLV 7	-1.2637	25.25	-11.5565	230.94	9.1449	Si
5223 Prosp.A	Orizzontale	SLV 7	-1.2637	25.25	-11.5565	230.94	9.1449	Si
4021 Prosp.A	Verticale	SLV 15	0.3566	28.56	3.4767	278.46	9.7508	Si
5854 Prosp.A	Orizzontale	SLV 7	3.6006	27.31	35.2918	267.69	9.8016	Si
5798 Prosp.A	Orizzontale	SLV 7	19.0896	-203.09	189.5555	-2016.65	9.9298	Si
4630 Prosp.A	Orizzontale	SLV 11	-2.0034	25.03	-19.949	249.25	9.9576	Si
6622 Prosp.A	Verticale	SLV 5	3.5395	7.83	35.9114	79.48	10.1458	Si
4639 Prosp.A	Verticale	SLV 11	-3.2604	37.62	-33.3248	384.56	10.2212	Si
4368 Prosp.A	Orizzontale	SLV 1	0.313	63	3.2112	646.37	10.2593	Si
4661 Prosp.A	Verticale	SLV 7	-7.8275	16.18	-80.6034	166.62	10.2974	Si
6489 Prosp.A	Verticale	SLV 5	-2.6014	12.1	-27.5121	127.94	10.5758	Si
4368 Prosp.A	Verticale	SLV 11	-1.9821	42.19	-21.6522	460.85	10.924	Si
4639 Prosp.A	Verticale	SLV 4	2.8809	40.11	31.5852	439.74	10.9636	Si
4318 Prosp.A	Orizzontale	SLV 11	-5.2334	-132.84	-59.6676	-1514.49	11.4012	Si
4320 Prosp.A	Orizzontale	SLV 11	-5.2334	-132.84	-59.6676	-1514.49	11.4012	Si
5214 Prosp.A	Orizzontale	SLV 7	1.279	36.34	14.7773	419.89	11.5535	Si
6649 Prosp.A	Verticale	SLV 5	2.9874	7.52	34.6029	87.15	11.5831	Si
6524 Prosp.A	Verticale	SLV 5	0.43	22.78	5.0595	268.11	11.7673	Si
4929 Prosp.A	Verticale	SLV 7	-7.7334	8.25	-91.7953	97.92	11.87	Si
6594 Prosp.A	Verticale	SLV 11	8.7989	-208.97	107.6772	-2557.27	12.2376	Si
5091 Prosp.A	Orizzontale	SLV 11	-0.396	24.01	-5.0249	304.68	12.6885	Si
5088 Prosp.A	Orizzontale	SLV 11	-0.396	24.01	-5.0249	304.68	12.6885	Si
6678 Prosp.A	Verticale	SLV 5	2.6511	7.04	34.0452	90.4	12.8421	Si
3778 Prosp.A	Orizzontale	SLV 11	5.701	-90.34	74.7203	-1184	13.1066	Si
3806 Prosp.A	Orizzontale	SLV 11	5.701	-90.34	74.7203	-1184	13.1066	Si
4021 Prosp.A	Verticale	SLV 11	-0.4012	19.83	-5.3814	266.01	13.4121	Si
5816 Prosp.A	Orizzontale	SLV 7	26.787	-153.96	367.9184	-2114.67	13.7349	Si
4070 Prosp.A	Orizzontale	SLV 9	7.8321	-6.22	107.6098	-85.49	13.7396	Si
4382 Prosp.A	Verticale	SLV 11	-1.7289	32.36	-23.8507	446.48	13.7952	Si
4921 Prosp.A	Verticale	SLV 11	-3.8177	17.73	-55.0579	255.7	14.4217	Si
5494 Prosp.A	Orizzontale	SLV 7	7.7355	-193.13	115.6445	-2887.33	14.9499	Si
5854 Prosp.A	Verticale	SLV 7	-6.8304	1.27	-103.983	19.28	15.2236	Si
5505 Prosp.A	Orizzontale	SLV 11	9.2231	-335.97	148.9626	-5426.31	16.151	Si
6705 Prosp.A	Verticale	SLV 7	-3.8569	-4.09	-64.6671	-68.53	16.7668	Si
4082 Prosp.A	Orizzontale	SLV 9	3.5685	6.8	60.3728	115.02	16.9184	Si
5514 Prosp.A	Orizzontale	SLV 7	8.2583	-17.73	140.5144	-301.66	17.015	Si
5519 Prosp.A	Orizzontale	SLV 1	0.5122	18.46	8.7714	316.15	17.1239	Si
5521 Prosp.A	Orizzontale	SLV 1	0.5122	18.46	8.7714	316.15	17.1239	Si
6560 Prosp.A	Verticale	SLV 5	1.1232	10	19.5074	173.69	17.3675	Si
4049 Prosp.A	Verticale	SLV 11	-0.2327	15.58	-4.0984	274.4	17.614	Si
4856 Prosp.A	Orizzontale	SLV 11	-0.632	12.31	-11.7462	228.79	18.585	Si
4858 Prosp.A	Orizzontale	SLV 11	-0.632	12.31	-11.7462	228.79	18.585	Si
4913 Prosp.A	Verticale	SLV 7	3.9467	11.16	73.8529	208.92	18.7124	Si
6678 Prosp.A	Verticale	SLV 7	-4.0037	-7.18	-75.1925	-134.91	18.7808	Si
4913 Prosp.A	Verticale	SLV 15	-2.8154	13.82	-53.6742	263.54	19.0642	Si
5206 Prosp.A	Verticale	SLV 7	-6.7376	-7.99	-132.5296	-157.13	19.67	Si
4389 Prosp.A	Verticale	SLV 5	-4.1069	5.03	-81.5412	99.78	19.8546	Si
4049 Prosp.A	Verticale	SLV 13	1.1744	7.53	23.4885	150.59	20.0008	Si
5225 Prosp.A	Orizzontale	SLV 11	0.1552	16.22	3.1225	326.16	20.1147	Si
5223 Prosp.A	Orizzontale	SLV 11	0.1552	16.22	3.1225	326.16	20.1147	Si
5088 Prosp.A	Orizzontale	SLV 11	0.7078	9.43	14.9933	199.84	21.1829	Si
5091 Prosp.A	Orizzontale	SLV 11	0.7078	9.43	14.9933	199.84	21.1829	Si
5845 Prosp.A	Verticale	SLV 7	-6.3586	-9.68	-141.7703	-215.73	22.2957	Si
3997 Prosp.A	Orizzontale	SLV 5	3.6833	-128.53	82.4554	-2877.39	22.3861	Si
5179 Prosp.A	Orizzontale	SLV 7	4.6162	-132.38	103.8266	-2977.36	22.4917	Si
5206 Prosp.A	Orizzontale	SLV 11	-0.5061	22.31	-11.7475	517.85	23.2115	Si
6649 Prosp.A	Verticale	SLV 3	-0.7567	7.97	-17.6447	185.86	23.3172	Si
5188 Prosp.A	Orizzontale	SLV 7	7.8481	-238.76	184.5494	-5614.35	23.5151	Si
5816 Prosp.A	Verticale	SLV 5	4.0607	0.57	96.0081	13.52	23.6434	Si
5816 Prosp.A	Verticale	SLV 11	-1.0584	-245.74	-25.2828	-5870.1	23.8875	Si
4389 Prosp.A	Orizzontale	SLV 5	1.3502	11.4	33.1952	280.22	24.5863	Si
4936 Prosp.A	Orizzontale	SLV 3	0.7866	15.2	19.6489	379.58	24.9796	Si
4375 Prosp.A	Verticale	SLV 13	1.5258	13.35	39.4054	344.81	25.8263	Si
5830 Prosp.A	Verticale	SLV 5	2.6195	6.71	68.8517	176.36	26.2846	Si
4903 Prosp.A	Orizzontale	SLV 7	3.2443	-113.75	87.1487	-3055.52	26.8622	Si
6424 Prosp.A	Verticale	SLV 9	0.4468	8.08	12.2345	221.22	27.3813	Si
4913 Prosp.A	Orizzontale	SLV 7	5.5645	-204.84	153.9422	-5666.95	27.6651	Si
5505 Prosp.A	Verticale	SLV 11	-1.4273	-208.05	-40.2718	-5870.1	28.215	Si
4630 Prosp.A	Orizzontale	SLV 5	2.4765	-106	70.1652	-3003.2	28.3326	Si

Verifiche a flessione SLD Resistenza D.M. 17-01-18 §4.1.2.3.4.2

La struttura è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
5788 Prosp.A	Verticale	SLD 11	-10.8163	57.45	-25.854	137.32	2.3903	Si
5790 Prosp.A	Verticale	SLD 15	-6.3912	23.38	-30.4282	111.32	4.7609	Si
5519 Prosp.A	Orizzontale	SLD 7	-1.626	57.42	-7.7547	273.86	4.7692	Si
5521 Prosp.A	Orizzontale	SLD 7	-1.626	57.42	-7.7547	273.86	4.7692	Si
5786 Prosp.A	Verticale	SLD 7	-11.8746	-14.54	-60.9216	-74.57	5.1304	Si
4360 Prosp.A	Orizzontale	SLD 11	-1.5313	67.33	-8.0144	352.39	5.2338	Si
6424 Prosp.A	Verticale	SLD 11	-12.5083	-20.01	-65.6021	-104.96	5.2447	Si
5786 Prosp.A	Orizzontale	SLD 11	2.0261	41.2	11.4285	232.38	5.6406	Si
5784 Prosp.A	Orizzontale	SLD 11	2.0261	41.2	11.4285	232.38	5.6406	Si
3997 Prosp.A	Orizzontale	SLD 11	-2.187	51.45	-13.1074	308.37	5.9933	Si
5845 Prosp.A	Orizzontale	SLD 7	7.9125	42.36	49.7204	266.18	6.2838	Si
5830 Prosp.A	Orizzontale	SLD 7	13.6084	-0.44	94.5777	-3.08	6.9499	Si
4360 Prosp.A	Orizzontale	SLD 15	0.3405	50.96	2.6633	398.64	7.8219	Si
4647 Prosp.A	Verticale	SLD 11	-3.0585	47.21	-27.4161	423.17	8.964	Si
5529 Prosp.A	Orizzontale	SLD 7	3.5843	35.48	35.2827	349.24	9.8435	Si
4654 Prosp.A	Verticale	SLD 11	-3.8464	31.79	-40.7217	336.53	10.587	Si
5214 Prosp.A	Verticale	SLD 3	-8.3469	4.51	-90.0395	48.66	10.7872	Si
4936 Prosp.A	Verticale	SLD 7	-6.9395	12.6	-75.3447	136.84	10.8573	Si
5537 Prosp.A	Orizzontale	SLD 11	1.4678	37.2	16.1265	408.72	10.9865	Si
4021 Prosp.A	Verticale	SLD 11	0.3385	24.53	3.813	276.26	11.2632	Si
5792 Prosp.A	Verticale	SLD 5	0.8962	20.79	10.1303	234.97	11.3031	Si
6455 Prosp.A	Verticale	SLD 9	-5.5449	-7.82	-63.1712	-89.12	11.3927	Si
5537 Prosp.A	Verticale	SLD 3	-7.8934	3.66	-91.0972	42.25	11.541	Si

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
5854 Prosp.A	Orizzontale	SLD 7	3.1261	22.23	36.572	260.05	11.699	Si
5798 Prosp.A	Verticale	SLD 11	6.7069	-241.27	78.963	-2840.57	11.7734	Si
4375 Prosp.A	Verticale	SLD 11	-1.5997	38.68	-19.6129	474.18	12.2601	Si
5798 Prosp.A	Orizzontale	SLD 7	12.9348	-163.35	158.7188	-2004.45	12.2707	Si
4021 Prosp.A	Orizzontale	SLD 15	-0.6821	46.53	-8.6876	592.64	12.7372	Si
4368 Prosp.A	Verticale	SLD 11	0.6131	42.22	7.9897	550.15	13.0314	Si
4661 Prosp.A	Verticale	SLD 3	-4.9788	11.19	-71.347	160.42	14.3303	Si
5214 Prosp.A	Orizzontale	SLD 7	0.976	29.47	14.0931	425.54	14.4396	Si
4929 Prosp.A	Verticale	SLD 11	-4.835	11.3	-70.7491	165.28	14.6325	Si
4639 Prosp.A	Verticale	SLD 3	2.9109	22.04	42.838	324.39	14.7163	Si
4320 Prosp.A	Orizzontale	SLD 11	-3.9364	-103.1	-58.3691	-1528.81	14.8281	Si
4318 Prosp.A	Orizzontale	SLD 11	-3.9364	-103.1	-58.3691	-1528.81	14.8281	Si
6594 Prosp.A	Verticale	SLD 11	7.3889	-155.71	116.9851	-2465.27	15.8325	Si
4639 Prosp.A	Verticale	SLD 15	-2.6671	20.03	-43.0353	323.28	16.1357	Si
6678 Prosp.A	Verticale	SLD 3	2.1008	4.91	35.3745	82.64	16.8382	Si
5796 Prosp.A	Verticale	SLD 11	4.4341	-167.82	75.8582	-2871.13	17.1079	Si
3778 Prosp.A	Orizzontale	SLD 11	4.283	-69.33	73.861	-1195.53	17.245	Si
3806 Prosp.A	Orizzontale	SLD 11	4.283	-69.33	73.861	-1195.53	17.245	Si
4382 Prosp.A	Verticale	SLD 11	-1.8393	22.59	-32.0125	393.13	17.4043	Si
5494 Prosp.A	Orizzontale	SLD 11	5.269	-151.83	95.3017	-2746.19	18.0872	Si
6622 Prosp.A	Verticale	SLD 1	5.1947	-16.57	94.0295	-299.94	18.1012	Si
4368 Prosp.A	Verticale	SLD 15	-1.6177	22.54	-29.4308	410.01	18.1925	Si
5816 Prosp.A	Orizzontale	SLD 7	18.1109	-114.44	332.9142	-2103.67	18.382	Si
4921 Prosp.A	Verticale	SLD 11	-3.2951	11.79	-61.3734	219.65	18.6258	Si
5505 Prosp.A	Orizzontale	SLD 11	8.1323	-279.86	155.6954	-5358.11	19.1454	Si
5091 Prosp.A	Orizzontale	SLD 11	-0.2912	15.1	-5.7237	296.79	19.6552	Si
5088 Prosp.A	Orizzontale	SLD 11	-0.2912	15.1	-5.7237	296.79	19.6552	Si
6649 Prosp.A	Verticale	SLD 5	3.1412	-4.49	63.4155	-90.7	20.1881	Si
5854 Prosp.A	Verticale	SLD 1	-4.1924	1.03	-94.173	23.15	22.4628	Si
6705 Prosp.A	Verticale	SLD 3	-2.5227	-2.41	-57.9343	-55.44	22.9654	Si
4049 Prosp.A	Verticale	SLD 11	-0.253	10.81	-6.1136	261.22	24.1619	Si
5225 Prosp.A	Orizzontale	SLD 11	-0.2259	12.38	-5.4707	299.65	24.2118	Si
5223 Prosp.A	Orizzontale	SLD 11	-0.2259	12.38	-5.4707	299.65	24.2118	Si
4913 Prosp.A	Verticale	SLD 3	2.5802	8.61	63.0201	210.18	24.4249	Si
4049 Prosp.A	Verticale	SLD 13	1.3315	4.05	32.5646	99.01	24.4566	Si
6560 Prosp.A	Verticale	SLD 11	3.0332	-113.53	76.5318	-2864.49	25.2311	Si
6678 Prosp.A	Verticale	SLD 7	-3.2457	-9.13	-85.7317	-241.14	26.4136	Si
5514 Prosp.A	Orizzontale	SLD 7	7.1024	-24.14	189.1271	-642.88	26.6285	Si
4375 Prosp.A	Verticale	SLD 13	1.5322	12.17	41.669	331.03	27.1962	Si
4389 Prosp.A	Verticale	SLD 5	-3.0332	3.2	-83.4912	88.07	27.5254	Si
6524 Prosp.A	Verticale	SLD 11	3.7366	-91.44	105.4154	-2579.6	28.2113	Si
4936 Prosp.A	Orizzontale	SLD 3	0.705	13.25	20.0337	376.4	28.4159	Si
4913 Prosp.A	Verticale	SLD 11	-1.6739	10.45	-47.6495	297.42	28.4662	Si
4858 Prosp.A	Orizzontale	SLD 11	-0.472	7.31	-13.5688	210.23	28.7483	Si
4856 Prosp.A	Orizzontale	SLD 11	-0.472	7.31	-13.5688	210.23	28.7483	Si
6649 Prosp.A	Verticale	SLD 3	-0.6482	6.05	-18.9846	177.1	29.2898	Si
4368 Prosp.A	Orizzontale	SLD 11	-2.661	4.1	-78.426	120.84	29.4721	Si
5206 Prosp.A	Orizzontale	SLD 11	-0.3528	17.75	-10.4749	527.01	29.6905	Si
4021 Prosp.A	Verticale	SLD 11	-0.3007	8.06	-9.0375	242.11	30.0566	Si
5188 Prosp.A	Orizzontale	SLD 7	5.5525	-172.67	168.221	-5231.27	30.2966	Si
5179 Prosp.A	Orizzontale	SLD 7	3.2486	-88.48	99.3232	-2705.06	30.574	Si
5088 Prosp.A	Orizzontale	SLD 11	0.5845	5.71	18.2089	177.86	31.1508	Si
5091 Prosp.A	Orizzontale	SLD 11	0.5845	5.71	18.2089	177.86	31.1508	Si
4368 Prosp.A	Orizzontale	SLD 15	0.736	15.32	22.9477	477.81	31.179	Si
5794 Prosp.A	Verticale	SLD 5	1.4442	0.75	45.2559	23.58	31.3365	Si
5845 Prosp.A	Verticale	SLD 1	-3.7043	-3.67	-116.5788	-115.53	31.4713	Si
5816 Prosp.A	Verticale	SLD 11	-0.9011	-186.35	-28.3864	-5870.1	31.5012	Si
5225 Prosp.A	Orizzontale	SLD 11	0.1154	10.14	3.6449	320.27	31.5741	Si
5223 Prosp.A	Orizzontale	SLD 11	0.1154	10.14	3.6449	320.27	31.5741	Si
5206 Prosp.A	Verticale	SLD 1	-3.6497	-4.62	-122.8042	-155.35	33.6474	Si
6489 Prosp.A	Verticale	SLD 5	-3.2912	-13.18	-116.2394	-465.64	35.318	Si
5521 Prosp.A	Orizzontale	SLD 15	0.2737	7.03	9.7757	251.04	35.7163	Si
5519 Prosp.A	Orizzontale	SLD 15	0.2737	7.03	9.7757	251.04	35.7163	Si
4903 Prosp.A	Orizzontale	SLD 1	2.3754	-79.11	85.4692	-2846.58	35.9806	Si
5830 Prosp.A	Verticale	SLD 3	1.9915	4.06	73.4026	149.67	36.8586	Si
5505 Prosp.A	Verticale	SLD 11	-1.0887	-158.83	-40.2356	-5870.1	36.9585	Si
4913 Prosp.A	Orizzontale	SLD 3	4.1335	-136.38	160.8263	-5306.19	38.9083	Si
5505 Prosp.A	Verticale	SLD 11	1.6157	-150.85	62.871	-5870.1	38.9131	Si
4630 Prosp.A	Orizzontale	SLD 5	2.0924	-72.47	82.9363	-2872.53	39.637	Si
4070 Prosp.A	Verticale	SLD 1	-1.1581	0.18	-47.8942	7.44	41.3567	Si
6705 Prosp.A	Verticale	SLD 1	1.3299	-0.93	55.2784	-38.58	41.5656	Si
4049 Prosp.A	Orizzontale	SLD 15	4.343	-128.68	181.9326	-5390.55	41.8914	Si
5816 Prosp.A	Verticale	SLD 11	2.0034	-137.96	85.2445	-5870.1	42.5507	Si
4021 Prosp.A	Orizzontale	SLD 9	5.5295	-105.22	237.8836	-4526.49	43.0209	Si
4639 Prosp.A	Orizzontale	SLD 5	3.6009	-121.82	157.7638	-5337.25	43.8125	Si
5206 Prosp.A	Orizzontale	SLD 7	1.832	1.44	83.4857	65.59	45.5712	Si
3997 Prosp.A	Orizzontale	SLD 9	2.315	-57.56	106.0322	-2636.6	45.8027	Si

Verifiche a taglio SLU D.M. 17-01-18 §4.1.2.3.5

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
3778 Prosp.A	Orizzontale	0.333	0.25	Non necessaria	0	SLV 11	-18.54	-90.34	5.701	50.39	224.22	0	50.39	2.5	0.0003079	2.718	Si
3806 Prosp.A	Orizzontale	0.333	0.25	Non necessaria	0	SLV 11	-18.54	-90.34	5.701	50.39	224.22	0	50.39	2.5	0.0003079	2.718	Si
4320 Prosp.A	Orizzontale	0.333	0.25	Non necessaria	0	SLV 11	-18.54	-132.84	-5.2334	61.36	229.71	0	61.36	2.5	0.0004619	3.3096	Si
4318 Prosp.A	Orizzontale	0.333	0.25	Non necessaria	0	SLV 11	-18.54	-132.84	-5.2334	61.36	229.71	0	61.36	2.5	0.0004619	3.3096	Si
5788 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLV 7	18.05	56.7	-12.9042	77.26	450.85	0	77.26	2.5	0.0003848	4.2804	Si
5798 Prosp.A	Orizzontale	0.337	0.5	Non necessaria	0	SLU 7	23.04	-203.09	19.0896	100.53	456.9	0	100.53	2.5	0.0004618	4.3627	Si
5519 Prosp.A	Orizzontale	0.333	0.25	Non necessaria	0	SLV 13	8.07	24.92	-0.5619	39.12	212.56	0	39.12	2.5	0.0003079	4.8474	Si
5521 Prosp.A	Orizzontale	0.333	0.25	Non necessaria	0	SLV 13	8.07	24.92	-0.5619	39.12	212.56	0	39.12	2.5	0.0003079	4.8474	Si
5784 Prosp.A	Orizzontale	0.333	0.25	Non necessaria	0	SLV 13	8.07	16.49	3.4664	39.12	212.56	0	39.12	2.5	0.0003079	4.8474	Si
5786 Prosp.A	Orizzontale	0.333	0.25	Non necessaria	0	SLV 13	8.07	16.49	3.4664	39.12	212.56	0	39.12	2.5	0.0003079	4.8474	Si

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
5786 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLV 13	-15.5	-0.18	1.0913	77.28	450.87	0	77.28	2.5	0.0003848	4.9875	Si
5505 Prosp.A	Orizzontale	0.338	0.95	Non necessaria	0	SLU 7	26.97	-338.84	12.102	185.4	864.06	0	185.4	2.5	0.0007697	6.8734	Si
5225 Prosp.A	Orizzontale	0.333	0.25	Non necessaria	0	SLU 7	-4.76	7.5	0.2141	39.12	212.56	0	39.12	2.5	0.0003079	8.2237	Si
5223 Prosp.A	Orizzontale	0.333	0.25	Non necessaria	0	SLU 7	-4.76	7.5	0.2141	39.12	212.56	0	39.12	2.5	0.0003079	8.2237	Si
6424 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLV 7	9.15	18.26	-12.796	77.26	450.85	0	77.26	2.5	0.0003848	8.4427	Si
5790 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLV 11	9.01	16.48	-8.2868	77.26	450.85	0	77.26	2.5	0.0003848	8.5717	Si
5537 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLU 7	-17.5	6.88	-12.3619	154.52	901.7	0	154.52	2.5	0.0007679	8.8277	Si
5529 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLU 7	-17.63	-15.81	-5.6979	156.61	903.87	0	156.61	2.5	0.0007697	8.8854	Si
5206 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLU 7	-15.87	-7.99	-6.7376	155.58	902.8	0	155.58	2.5	0.0007697	9.8035	Si
5214 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLU 7	-15.62	6.85	-13.0184	154.52	901.7	0	154.52	2.5	0.0007679	9.8917	Si
4580 Prosp.A	Orizzontale	0.333	0.25	Non necessaria	0	SLV 15	-4.1	-11.93	-1.3825	40.61	214.1	0	40.61	2.5	0.0003079	9.9134	Si
4582 Prosp.A	Orizzontale	0.333	0.25	Non necessaria	0	SLV 15	-4.1	-11.93	-1.3825	40.61	214.1	0	40.61	2.5	0.0003079	9.9134	Si
5088 Prosp.A	Orizzontale	0.333	0.25	Non necessaria	0	SLV 15	-3.55	1.45	-0.9523	39.12	212.56	0	39.12	2.5	0.0003079	11.0311	Si
5091 Prosp.A	Orizzontale	0.333	0.25	Non necessaria	0	SLV 15	-3.55	1.45	-0.9523	39.12	212.56	0	39.12	2.5	0.0003079	11.0311	Si
4858 Prosp.A	Orizzontale	0.333	0.25	Non necessaria	0	SLV 15	-3.55	1.15	0.9986	39.12	212.56	0	39.12	2.5	0.0003079	11.0311	Si
4856 Prosp.A	Orizzontale	0.333	0.25	Non necessaria	0	SLV 15	-3.55	1.15	0.9986	39.12	212.56	0	39.12	2.5	0.0003079	11.0311	Si
3997 Prosp.A	Orizzontale	0.337	0.5	Non necessaria	0	SLV 7	6.55	92.9	-4.4914	74.87	430.35	0	74.87	2.5	0.0004618	11.4222	Si
4360 Prosp.A	Orizzontale	0.337	0.5	Non necessaria	0	SLV 7	6.52	115.08	-2.3018	74.87	430.35	0	74.87	2.5	0.0004618	11.48	Si
4929 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLU 7	-12.32	7.69	-6.7193	154.52	901.7	0	154.52	2.5	0.0007697	12.5417	Si
5514 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLU 7	-13.03	-76.2	-2.266	164.61	912.14	0	164.61	2.5	0.0007487	12.6284	Si
4936 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLU 7	-12.07	13.39	-11.1846	154.52	901.7	0	154.52	2.5	0.0007679	12.8028	Si
5494 Prosp.A	Orizzontale	0.337	0.5	Non necessaria	0	SLU 7	7.65	-193.13	7.7355	99.27	455.6	0	99.27	2.5	0.0004618	12.9838	Si
5854 Prosp.A	Verticale	0.353	0.986	Non necessaria	0	SLU 7	-11.31	1.04	-6.8226	152.31	888.82	0	152.31	2.5	0.0007679	13.4709	Si
5816 Prosp.A	Orizzontale	0.338	1	Non necessaria	0	SLU 7	12.53	-153.96	26.787	169.48	882.97	0	169.48	2.5	0.0007697	13.5303	Si
5816 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLU 7	-13.17	-191.21	6.1699	179.83	927.89	0	179.83	2.5	0.0007697	13.6587	Si
5845 Prosp.A	Verticale	0.353	0.996	Non necessaria	0	SLU 7	-11.23	-6.38	-4.2803	154.75	899.02	0	154.75	2.5	0.0007697	13.7806	Si
5792 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLU 7	5.43	2.88	1.6384	77.26	450.85	0	77.26	2.5	0.0003848	14.2409	Si
4021 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLV 7	5.3	-2.99	0.0924	77.66	451.26	0	77.66	2.5	0.0003848	14.6582	Si
5198 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLU 7	-10.91	-43.5	-3.3318	160.28	907.66	0	160.28	2.5	0.0007697	14.6853	Si
5830 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLU 7	-11.28	-93.22	1.0631	166.86	914.47	0	166.86	2.5	0.0007697	14.7938	Si
5830 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLU 7	10.1	-21.78	19.9917	153.12	868.8	0	153.12	2.5	0.0007697	15.1567	Si
6678 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLU 7	-5.06	-10.76	2.7764	78.68	452.32	0	78.68	2.5	0.0003848	15.5435	Si
6455 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLU 7	4.9	-8.96	-9.828	78.44	452.08	0	78.44	2.5	0.0003848	15.9972	Si
5514 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLU 7	9.3	-50.91	9.9573	156.82	872.64	0	156.82	2.5	0.0007697	16.8587	Si
5505 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLU 7	-10.31	-154.91	2.9985	175.03	922.92	0	175.03	2.5	0.0007697	16.9815	Si
5188 Prosp.A	Orizzontale	0.338	0.95	Non necessaria	0	SLU 7	9.72	-238.76	7.8481	172.72	850.94	0	172.72	2.5	0.0007697	17.7619	Si
4654 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLU 7	-8.68	13.3	-5.1543	154.52	901.7	0	154.52	2.5	0.0007697	17.8098	Si
4070 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLV 13	-8.77	-54.93	6.2305	157.33	873.16	0	157.33	2.5	0.0007697	17.9326	Si
5794 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLU 7	4.54	-34.83	3.1505	81.87	455.62	0	81.87	2.5	0.0003848	18.0253	Si
4661 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLU 7	-8.5	16.18	-7.8275	154.52	901.7	0	154.52	2.5	0.0007679	18.1878	Si
4921 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLU 7	-8.47	5.04	-4.5264	154.52	901.7	0	154.52	2.5	0.0007697	18.2429	Si
4382 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLV 13	-8.55	-50.22	1.863	156.73	872.54	0	156.73	2.5	0.0007697	18.3372	Si
5198 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLU 7	8.99	-137.18	6.0069	167.79	883.98	0	167.79	2.5	0.0007697	18.6556	Si
4049 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLV 9	-8.31	-51.91	9.7289	156.95	872.77	0	156.95	2.5	0.0007697	18.8967	Si
6649 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLU 7	-4.21	-19.63	0.4413	79.86	453.54	0	79.86	2.5	0.0003848	18.9467	Si
4375 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLV 9	-8.07	-61.45	5.5091	158.16	874.02	0	158.16	2.5	0.0007697	19.6101	Si
5796 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLU 7	4.62	-119.3	5.5088	93.05	467.19	0	93.05	2.5	0.0003848	20.1625	Si
6705 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLV 11	3.85	-6.88	-2.3847	78.17	451.79	0	78.17	2.5	0.0003848	20.3098	Si
4021 Prosp.A	Orizzontale	0.338	0.95	Non necessaria	0	SLV 7	6.75	48.7	-5.1721	142.48	819.66	0	142.48	2.5	0.0007697	21.1057	Si
6728 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLV 11	3.69	-5.71	1.4158	78.02	451.63	0	78.02	2.5	0.0003839	21.1472	Si
4368 Prosp.A	Orizzontale	0.338	0.95	Non necessaria	0	SLV 7	6.71	83.38	-3.1027	142.48	819.66	0	142.48	2.5	0.0007697	21.2424	Si

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
4082 Prosp.A	Orizzontale	0.337	0.7	Non necessaria	0	SLV 13	-4.88	-18.03	2.9058	107.2	605.77	0	107.2	2.5	0.0006158	21.9704	Si
4382 Prosp.A	Verticale	0.353	0.981	Non necessaria	0	SLV 9	-6.78	3.24	-1.2368	151.58	884.56	0	151.58	2.5	0.0007697	22.3632	Si
4389 Prosp.A	Verticale	0.353	0.986	Non necessaria	0	SLV 5	-6.77	6.05	-3.9225	152.31	888.82	0	152.31	2.5	0.0007679	22.4954	Si
5188 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLU 7	-7.14	-48.09	2.8966	160.88	908.29	0	160.88	2.5	0.0007697	22.5432	Si
4049 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLV 7	3.33	2.82	0.2661	77.26	450.85	0	77.26	2.5	0.0003848	23.1772	Si
5798 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLV 11	-4.11	-145.38	6.5817	96.5	470.76	0	96.5	2.5	0.0003848	23.4536	Si
4389 Prosp.A	Orizzontale	0.337	0.7	Non necessaria	0	SLV 13	-4.52	-11.6	0.2798	106.39	604.93	0	106.39	2.5	0.0006158	23.5218	Si
6622 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLU 7	-3.47	-38.2	8.7704	82.32	456.08	0	82.32	2.5	0.0003848	23.6949	Si
5179 Prosp.A	Orizzontale	0.337	0.5	Non necessaria	0	SLU 7	3.79	-132.38	4.6162	91.59	447.65	0	91.59	2.5	0.0004618	24.1912	Si
5529 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLU 7	6.09	17.83	4.8874	150.35	865.94	0	150.35	2.5	0.0007697	24.6781	Si
5845 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLU 7	5.99	41.51	11.6822	150.35	865.94	0	150.35	2.5	0.0007697	25.0881	Si
4661 Prosp.A	Orizzontale	0.337	0.7	Non necessaria	0	SLV 11	-4.24	-14.64	0.7625	106.77	605.33	0	106.77	2.5	0.0006158	25.1827	Si
4070 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLV 9	-3.05	2.23	0.0956	77.26	450.85	0	77.26	2.5	0.0003848	25.3005	Si
4082 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLV 9	-3.02	3.4	-0.8709	77.26	450.85	0	77.26	2.5	0.0003839	25.5495	Si
5537 Prosp.A	Orizzontale	0.337	0.7	Non necessaria	0	SLU 7	3.96	42.89	1.7505	104.92	603.41	0	104.92	2.5	0.0006158	26.5097	Si
4647 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLU 7	-5.8	30.3	-2.496	154.52	901.7	0	154.52	2.5	0.0007697	26.6627	Si
6489 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLU 7	2.81	-9.84	-0.1948	78.56	452.2	0	78.56	2.5	0.0003848	27.9718	Si
4368 Prosp.A	Verticale	0.353	0.971	Non necessaria	0	SLV 7	5.33	3.24	0.3997	150.11	875.99	0	150.11	2.5	0.0007697	28.1402	Si
4936 Prosp.A	Orizzontale	0.337	0.7	Non necessaria	0	SLV 11	-3.39	12.75	0.8314	104.92	603.41	0	104.92	2.5	0.0006158	30.9886	Si
4630 Prosp.A	Orizzontale	0.337	0.5	Non necessaria	0	SLV 7	2.4	12.71	-1.7425	74.87	430.35	0	74.87	2.5	0.0004618	31.2563	Si
6524 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLU 7	2.45	-37.94	3.0639	82.28	456.05	0	82.28	2.5	0.0003848	33.6274	Si
5206 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLU 7	4.46	-13.39	2.381	152.05	867.7	0	152.05	2.5	0.0007697	34.0575	Si
4913 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLU 7	-4.53	11.16	3.9467	154.52	901.7	0	154.52	2.5	0.0007697	34.0912	Si
6560 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLU 7	2.51	-76.6	2.3682	87.4	461.34	0	87.4	2.5	0.0003848	34.7728	Si
4913 Prosp.A	Orizzontale	0.338	0.95	Non necessaria	0	SLV 7	4.57	-137.51	4.1314	159.9	837.68	0	159.9	2.5	0.0007697	34.9816	Si
4903 Prosp.A	Orizzontale	0.337	0.5	Non necessaria	0	SLV 7	2.32	-57.49	2.3196	82.13	437.87	0	82.13	2.5	0.0004618	35.3729	Si
4929 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLV 11	-4.16	5.22	-0.652	150.35	865.94	0	150.35	2.5	0.0007697	36.1316	Si
6594 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLV 1	2.24	-46.44	5.1559	83.41	457.21	0	83.41	2.5	0.0003848	37.2653	Si
4654 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLU 7	-3.98	-6.48	-0.159	151.17	866.79	0	151.17	2.5	0.0007697	38.018	Si
4921 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLV 7	3.95	-97.47	3.7519	162.74	878.76	0	162.74	2.5	0.0007697	41.1995	Si
4639 Prosp.A	Orizzontale	0.338	0.95	Non necessaria	0	SLV 7	3.51	-82.54	-3.0593	152.94	830.47	0	152.94	2.5	0.0007697	43.6165	Si
4375 Prosp.A	Verticale	0.353	0.976	Non necessaria	0	SLV 5	-3.38	-10.95	1.8389	152.3	881.79	0	152.3	2.5	0.0007697	45.0236	Si
5854 Prosp.A	Orizzontale	0.337	0.7	Non necessaria	0	SLV 11	-2	27.77	3.4046	104.92	603.41	0	104.92	2.5	0.0006158	52.5428	Si
5214 Prosp.A	Orizzontale	0.337	0.7	Non necessaria	0	SLV 11	-1.8	27.94	0.9462	104.92	603.41	0	104.92	2.5	0.0006158	58.33	Si
4647 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLV 7	2.69	-94.89	-0.1716	162.41	878.42	0	162.41	2.5	0.0007697	60.2938	Si
4639 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLU 7	-2.43	25.83	4.2753	154.52	901.7	0	154.52	2.5	0.0007697	63.6343	Si

Verifiche a taglio SLD Resistenza D.M. 17-01-18 §4.1.2.3.5

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
3778 Prosp.A	Orizzontale	0.333	0.25	Non necessaria	0	SLD 11	-14.11	-69.33	4.283	47.77	221.51	0	47.77	2.5	0.0003079	3.3857	Si
3806 Prosp.A	Orizzontale	0.333	0.25	Non necessaria	0	SLD 11	-14.11	-69.33	4.283	47.77	221.51	0	47.77	2.5	0.0003079	3.3857	Si
4320 Prosp.A	Orizzontale	0.333	0.25	Non necessaria	0	SLD 11	-14.11	-103.1	-3.9364	57.65	225.87	0	57.65	2.5	0.0004619	4.0858	Si
4318 Prosp.A	Orizzontale	0.333	0.25	Non necessaria	0	SLD 11	-14.11	-103.1	-3.9364	57.65	225.87	0	57.65	2.5	0.0004619	4.0858	Si
5798 Prosp.A	Orizzontale	0.337	0.5	Non necessaria	0	SLD 11	15.65	-166.82	12.6969	95.95	452.16	0	95.95	2.5	0.0004618	6.1303	Si
5786 Prosp.A	Orizzontale	0.333	0.25	Non necessaria	0	SLD 13	6.3	18.38	2.6211	39.12	212.56	0	39.12	2.5	0.0003079	6.2099	Si
5519 Prosp.A	Orizzontale	0.333	0.25	Non necessaria	0	SLD 13	6.3	26.91	-0.5984	39.12	212.56	0	39.12	2.5	0.0003079	6.2099	Si
5521 Prosp.A	Orizzontale	0.333	0.25	Non necessaria	0	SLD 13	6.3	26.91	-0.5984	39.12	212.56	0	39.12	2.5	0.0003079	6.2099	Si
5784 Prosp.A	Orizzontale	0.333	0.25	Non necessaria	0	SLD 13	6.3	18.38	2.6211	39.12	212.56	0	39.12	2.5	0.0003079	6.2099	Si
5788 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLD 7	11.95	50.22	-10.7468	77.26	450.85	0	77.26	2.5	0.0003848	6.4673	Si
5786 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLD 13	-10.55	-10.5	-3.5078	78.65	452.29	0	78.65	2.5	0.0003848	7.4564	Si
5505 Prosp.A	Orizzontale	0.338	0.95	Non necessaria	0	SLD 11	18.34	-279.86	8.1323	177.93	856.33	0	177.93	2.5	0.0007697	9.7005	Si
5223 Prosp.A	Orizzontale	0.333	0.25	Non necessaria	0	SLD 11	-3.86	16.85	0.2183	39.12	212.56	0	39.12	2.5	0.0003079	10.1351	Si

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
5225 Prosp.A	Orizzontale	0.333	0.25	Non necessaria	0	SLD 11	-3.86	16.85	0.2183	39.12	212.56	0	39.12	2.5	0.0003079	10.1351	Si
5790 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLD 7	7.32	16.46	-6.8763	77.26	450.85	0	77.26	2.5	0.0003848	10.5526	Si
4582 Prosp.A	Orizzontale	0.333	0.25	Non necessaria	0	SLD 15	-3.22	-11.14	-1.1063	40.51	214	0	40.51	2.5	0.0003079	12.5672	Si
4580 Prosp.A	Orizzontale	0.333	0.25	Non necessaria	0	SLD 15	-3.22	-11.14	-1.1063	40.51	214	0	40.51	2.5	0.0003079	12.5672	Si
6424 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLD 7	6.11	17.31	-10.4023	77.26	450.85	0	77.26	2.5	0.0003848	12.6514	Si
5537 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLD 3	-11.79	3.66	-7.8934	154.52	901.7	0	154.52	2.5	0.0007679	13.1079	Si
5529 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLD 3	-11.86	-12.1	-3.3869	156.12	903.36	0	156.12	2.5	0.0007697	13.1601	Si
5206 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLD 3	-11.25	-5.9	-3.8329	155.3	902.51	0	155.3	2.5	0.0007697	13.8021	Si
5214 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLD 3	-11.09	4.51	-8.3469	154.52	901.7	0	154.52	2.5	0.0007679	13.931	Si
5091 Prosp.A	Orizzontale	0.333	0.25	Non necessaria	0	SLD 15	-2.77	0.04	-0.7445	39.12	212.56	0	39.12	2.5	0.0003079	14.1199	Si
5088 Prosp.A	Orizzontale	0.333	0.25	Non necessaria	0	SLD 15	-2.77	0.04	-0.7445	39.12	212.56	0	39.12	2.5	0.0003079	14.1199	Si
4856 Prosp.A	Orizzontale	0.333	0.25	Non necessaria	0	SLD 15	-2.77	-0.21	0.7948	39.15	212.58	0	39.15	2.5	0.0003079	14.1294	Si
4858 Prosp.A	Orizzontale	0.333	0.25	Non necessaria	0	SLD 15	-2.77	-0.21	0.7948	39.15	212.58	0	39.15	2.5	0.0003079	14.1294	Si
4929 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLD 3	-8.98	5.86	-3.9686	154.52	901.7	0	154.52	2.5	0.0007697	17.2039	Si
4936 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLD 3	-8.82	9.66	-7.2442	154.52	901.7	0	154.52	2.5	0.0007679	17.529	Si
3997 Prosp.A	Orizzontale	0.337	0.5	Non necessaria	0	SLD 7	4.16	54.65	-2.4661	74.87	430.35	0	74.87	2.5	0.0004618	18.0016	Si
5494 Prosp.A	Orizzontale	0.337	0.5	Non necessaria	0	SLD 11	5.22	-151.83	5.269	94.05	450.2	0	94.05	2.5	0.0004618	18.0034	Si
5816 Prosp.A	Orizzontale	0.338	1	Non necessaria	0	SLD 15	9.08	-106.76	15.7107	163.5	876.79	0	163.5	2.5	0.0007697	18.0111	Si
5816 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLD 11	-10.04	-202.73	1.0891	181.35	929.46	0	181.35	2.5	0.0007697	18.0566	Si
4360 Prosp.A	Orizzontale	0.337	0.5	Non necessaria	0	SLD 7	4.14	67.04	-1.3729	74.87	430.35	0	74.87	2.5	0.0004618	18.0881	Si
5792 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLD 11	4.16	-9.77	1.0491	78.55	452.19	0	78.55	2.5	0.0003848	18.9023	Si
5514 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLD 3	-8.49	-54.57	-0.0458	161.74	909.17	0	161.74	2.5	0.0007487	19.0616	Si
4021 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLD 7	3.91	-2.85	-0.0384	77.64	451.24	0	77.64	2.5	0.0003848	19.8642	Si
5854 Prosp.A	Verticale	0.353	0.986	Non necessaria	0	SLD 1	-7.24	0.88	-4.1828	152.31	888.82	0	152.31	2.5	0.0007679	21.0285	Si
6455 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLD 7	3.67	-3.31	-6.6366	77.7	451.3	0	77.7	2.5	0.0003848	21.1683	Si
5845 Prosp.A	Verticale	0.353	0.996	Non necessaria	0	SLD 1	-7.18	-2.51	-2.5543	154.24	898.49	0	154.24	2.5	0.0007697	21.4778	Si
5198 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLD 3	-7.28	-30.89	-1.5684	158.61	905.93	0	158.61	2.5	0.0007697	21.7746	Si
5830 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLD 7	-7.68	-101.46	-0.1363	167.95	915.6	0	167.95	2.5	0.0007697	21.8669	Si
5830 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 15	6.49	-5.32	11.5645	151.02	866.64	0	151.02	2.5	0.0007697	23.2582	Si
5794 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLD 11	3.68	-63.83	2.15	85.71	459.59	0	85.71	2.5	0.0003848	23.274	Si
4661 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLD 5	-6.6	6.57	-5.5354	154.52	901.7	0	154.52	2.5	0.0007679	23.4008	Si
4654 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLD 5	-6.6	3.63	-3.1906	154.52	901.7	0	154.52	2.5	0.0007697	23.4068	Si
5514 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 11	6.49	-23.18	6.6921	153.3	868.99	0	153.3	2.5	0.0007697	23.6099	Si
5796 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLD 11	4.02	-150.97	4.0828	97.24	471.52	0	97.24	2.5	0.0003848	24.1965	Si
5505 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLD 7	-7.2	-150.2	2.0485	174.4	922.27	0	174.4	2.5	0.0007697	24.2089	Si
5188 Prosp.A	Orizzontale	0.338	0.95	Non necessaria	0	SLD 11	6.74	-172.7	5.2272	164.36	842.29	0	164.36	2.5	0.0007697	24.3924	Si
5198 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 11	6.51	-101.99	4.2111	163.31	879.35	0	163.31	2.5	0.0007697	25.0878	Si
6678 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLD 11	-3.19	-24.7	0.8728	80.53	454.23	0	80.53	2.5	0.0003848	25.2755	Si
4070 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 13	-6.24	-60.31	4.8648	158.02	873.87	0	158.02	2.5	0.0007697	25.3167	Si
4049 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 13	-6.35	-108.91	5.8049	164.19	880.26	0	164.19	2.5	0.0007697	25.8471	Si
4382 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 13	-6.04	-55.88	1.7628	157.45	873.29	0	157.45	2.5	0.0007697	26.0803	Si
4375 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 13	-6.16	-97.03	3.0221	162.68	878.7	0	162.68	2.5	0.0007697	26.3972	Si
4921 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLD 1	-5.71	1.18	-2.1934	154.52	901.7	0	154.52	2.5	0.0007697	27.0654	Si
6649 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLD 11	-3.01	-39.63	2.2545	82.5	456.28	0	82.5	2.5	0.0003848	27.3727	Si
5798 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLD 11	-3.3	-107.75	5.803	91.52	465.61	0	91.52	2.5	0.0003848	27.7704	Si
6705 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLD 11	2.66	-4.57	-1.9197	77.86	451.48	0	77.86	2.5	0.0003848	29.2663	Si
6622 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLD 11	-2.79	-46.94	6.0071	83.47	457.28	0	83.47	2.5	0.0003848	29.937	Si
4382 Prosp.A	Verticale	0.353	0.981	Non necessaria	0	SLD 9	-5.03	4.87	-1.209	151.58	884.56	0	151.58	2.5	0.0007697	30.1542	Si
6728 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLD 11	2.55	-4.13	1.1208	77.81	451.42	0	77.81	2.5	0.0003839	30.53	Si
4389 Prosp.A	Verticale	0.353	0.986	Non necessaria	0	SLD 5	-4.99	2.45	-2.8312	152.31	888.82	0	152.31	2.5	0.0007679	30.5369	Si
5179 Prosp.A	Orizzontale	0.337	0.5	Non necessaria	0	SLD 7	2.81	-88.48	3.2486	86.05	441.92	0	86.05	2.5	0.0004618	30.572	Si

Vano di equalizzazione e sedimentazione meccanica

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
4389 Prosp.A	Orizzontale	0.337	0.7	Non necessaria	0	SLD 11	-3.29	-20.95	0.6918	107.57	606.15	0	107.57	2.5	0.0006158	32.7058	Si
4082 Prosp.A	Orizzontale	0.337	0.7	Non necessaria	0	SLD 13	-3.25	-20.58	2.1407	107.53	606.1	0	107.53	2.5	0.0006158	33.103	Si
4661 Prosp.A	Orizzontale	0.337	0.7	Non necessaria	0	SLD 11	-3.16	-8.08	0.5239	105.94	604.47	0	105.94	2.5	0.0006158	33.5672	Si
4049 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLD 7	2.28	2.14	0.2465	77.26	450.85	0	77.26	2.5	0.0003848	33.8366	Si
4021 Prosp.A	Orizzontale	0.338	0.95	Non necessaria	0	SLD 7	4.16	54.65	-2.4661	142.48	819.66	0	142.48	2.5	0.0007697	34.2592	Si
4368 Prosp.A	Orizzontale	0.338	0.95	Non necessaria	0	SLD 7	4.14	67.17	-1.3616	142.48	819.66	0	142.48	2.5	0.0007697	34.4253	Si
5188 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLD 7	-4.63	-44.8	1.9235	160.45	907.84	0	160.45	2.5	0.0007697	34.6837	Si
4070 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLD 9	-2.15	1.54	0.0389	77.26	450.85	0	77.26	2.5	0.0003848	36.0085	Si
4082 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLD 9	-2.12	-0.75	-0.4929	77.36	450.95	0	77.36	2.5	0.0003839	36.5332	Si
4647 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLD 1	-4.14	13.21	-1.1928	154.52	901.7	0	154.52	2.5	0.0007697	37.318	Si
4368 Prosp.A	Verticale	0.353	0.971	Non necessaria	0	SLD 7	3.94	1.69	0.2645	150.11	875.99	0	150.11	2.5	0.0007697	38.1141	Si
5529 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 11	3.94	16.5	3.0683	150.35	865.94	0	150.35	2.5	0.0007697	38.1231	Si
5845 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 9	3.89	14.84	5.8895	150.35	865.94	0	150.35	2.5	0.0007697	38.6282	Si
6489 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLD 11	1.9	-13.48	-0.7147	79.04	452.7	0	79.04	2.5	0.0003848	41.6972	Si
5537 Prosp.A	Orizzontale	0.337	0.7	Non necessaria	0	SLD 1	2.51	24.36	1.109	104.92	603.41	0	104.92	2.5	0.0006158	41.855	Si
6560 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLD 11	2.1	-94	1.6396	89.7	463.72	0	89.7	2.5	0.0003848	42.6347	Si
4936 Prosp.A	Orizzontale	0.337	0.7	Non necessaria	0	SLD 11	-2.35	12.13	0.5619	104.92	603.41	0	104.92	2.5	0.0006158	44.5841	Si
5206 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 11	3.35	-3.45	1.66	150.79	866.39	0	150.79	2.5	0.0007697	45.0275	Si
4913 Prosp.A	Orizzontale	0.338	0.95	Non necessaria	0	SLD 7	3.49	-134.79	3.7667	159.55	837.32	0	159.55	2.5	0.0007697	45.7676	Si
4654 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 11	-3.26	-12.27	-0.3725	151.91	867.55	0	151.91	2.5	0.0007697	46.6061	Si
6524 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLD 11	1.75	-48.72	1.7058	83.71	457.52	0	83.71	2.5	0.0003848	47.7041	Si
4929 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 11	-3.1	5.83	-0.4569	150.35	865.94	0	150.35	2.5	0.0007697	48.5449	Si
4903 Prosp.A	Orizzontale	0.337	0.5	Non necessaria	0	SLD 7	1.58	-64.94	2.1783	83.07	438.84	0	83.07	2.5	0.0004618	52.6427	Si
6594 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLD 1	1.66	-75.73	5.5612	87.28	461.22	0	87.28	2.5	0.0003848	52.6798	Si
4921 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 7	3.05	-91.38	3.2954	161.97	877.96	0	161.97	2.5	0.0007697	53.0444	Si
4913 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLD 3	-2.81	8.61	2.5802	154.52	901.7	0	154.52	2.5	0.0007697	54.9906	Si
4630 Prosp.A	Orizzontale	0.337	0.5	Non necessaria	0	SLD 7	1.29	-14.54	1.5006	76.7	432.25	0	76.7	2.5	0.0004618	59.6087	Si
4375 Prosp.A	Verticale	0.353	0.976	Non necessaria	0	SLD 5	-2.38	2.14	1.0687	150.85	880.29	0	150.85	2.5	0.0007697	63.5044	Si
4639 Prosp.A	Orizzontale	0.338	0.95	Non necessaria	0	SLD 7	1.97	-88.93	1.4173	153.75	831.31	0	153.75	2.5	0.0007697	78.1717	Si
5854 Prosp.A	Orizzontale	0.337	0.7	Non necessaria	0	SLD 11	-1.11	22.45	3.0328	104.92	603.41	0	104.92	2.5	0.0006158	94.1296	Si
4639 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLD 1	-1.6	11.94	2.9037	154.52	901.7	0	154.52	2.5	0.0007697	96.4835	Si
5214 Prosp.A	Orizzontale	0.337	0.7	Non necessaria	0	SLD 11	-1.05	21.46	0.6217	104.92	603.41	0	104.92	2.5	0.0006158	99.6881	Si
4647 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 7	1.41	-77.13	1.7243	160.15	876.08	0	160.15	2.5	0.0007697	113.2105	Si

Verifiche SLE tensione calcestruzzo D.M. 17-01-18 §4.1.2.2.5.1

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	oc	oc limite	Es/Ec	c.s.	Verifica
5798 Prosp.A	Orizzontale	SLE QP 4	11.1479	-132.78	No	-1376	13073	15	9.4998	Si
5798 Prosp.A	Orizzontale	SLE RA 7	13.4016	-142.48	No	-1575	17430	15	11.0669	Si
5798 Prosp.A	Verticale	SLE QP 2	4.4888	-179.6	No	-1155	13073	15	11.3216	Si
4320 Prosp.A	Orizzontale	SLE QP 1	-2.8734	-78.47	No	-1014	13073	15	12.8935	Si
4318 Prosp.A	Orizzontale	SLE QP 1	-2.8734	-78.47	No	-1014	13073	15	12.8935	Si
6594 Prosp.A	Verticale	SLE QP 4	5.967	-103.97	No	-898	13073	15	14.5605	Si
5494 Prosp.A	Orizzontale	SLE QP 4	4.58	-125.72	No	-895	13073	15	14.6132	Si
5798 Prosp.A	Verticale	SLE RA 3	5.1996	-174.1	No	-1177	17430	15	14.8078	Si
3806 Prosp.A	Orizzontale	SLE QP 1	3.1458	-50.5	No	-864	13073	15	15.1305	Si
3778 Prosp.A	Orizzontale	SLE QP 1	3.1458	-50.5	No	-864	13073	15	15.1305	Si
5505 Prosp.A	Orizzontale	SLE QP 4	7.1778	-222.89	No	-811	13073	15	16.1276	Si
5796 Prosp.A	Verticale	SLE QP 1	2.5632	-129.24	No	-785	13073	15	16.6427	Si
5816 Prosp.A	Orizzontale	SLE QP 4	15.6561	-98.13	No	-773	13073	15	16.9033	Si
4318 Prosp.A	Orizzontale	SLE RA 1	-2.8734	-78.47	No	-1014	17430	15	17.1914	Si
4320 Prosp.A	Orizzontale	SLE RA 1	-2.8734	-78.47	No	-1014	17430	15	17.1914	Si
5494 Prosp.A	Orizzontale	SLE RA 7	5.4008	-136.68	No	-1001	17430	15	17.4059	Si
6424 Prosp.A	Verticale	SLE QP 4	-9.9441	-10.78	No	-728	13073	15	17.9535	Si
6622 Prosp.A	Verticale	SLE QP 4	5.2377	-75.03	No	-711	13073	15	18.3768	Si
6594 Prosp.A	Verticale	SLE RA 7	6.9519	-97.91	No	-936	17430	15	18.6165	Si
5816 Prosp.A	Orizzontale	SLE RA 7	18.8189	-108.74	No	-908	17430	15	19.1977	Si
5505 Prosp.A	Orizzontale	SLE RA 7	8.4918	-237.84	No	-895	17430	15	19.4707	Si
3778 Prosp.A	Orizzontale	SLE RA 1	3.1458	-50.5	No	-864	17430	15	20.174	Si
3806 Prosp.A	Orizzontale	SLE RA 1	3.1458	-50.5	No	-864	17430	15	20.174	Si
6424 Prosp.A	Verticale	SLE RA 7	-10.83	-11.05	No	-790	17430	15	22.0701	Si
5796 Prosp.A	Verticale	SLE RA 1	2.5632	-129.24	No	-785	17430	15	22.1903	Si
6455 Prosp.A	Verticale	SLE QP 4	-6.9924	-22.38	No	-582	13073	15	22.4626	Si
5179 Prosp.A	Orizzontale	SLE QP 4	2.7679	-83.91	No	-577	13073	15	22.6426	Si
6622 Prosp.A	Verticale	SLE RA 7	6.1676	-68.48	No	-744	17430	15	23.437	Si
5188 Prosp.A	Orizzontale	SLE QP 4	4.7108	-153.5	No	-550	13073	15	23.7777	Si
6560 Prosp.A	Verticale	SLE QP 1	1.9046	-87.12	No	-542	13073	15	24.1401	Si
5786 Prosp.A	Verticale	SLE QP 4	-7.5755	-1.62	No	-524	13073	15	24.9694	Si
5179 Prosp.A	Orizzontale	SLE RA 7	3.2294	-95.97	No	-665	17430	15	26.2239	Si

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	oc	oc limite	Es/Ec	c.s.	Verifica
6524 Prosp.A	Verticale	SLE QP 4	3.0673	-57.65	No	-481	13073	15	27.1553	Si
6455 Prosp.A	Verticale	SLE RA 7	-7.8207	-20.18	No	-628	17430	15	27.756	Si
5188 Prosp.A	Orizzontale	SLE RA 7	5.4799	-170.91	No	-621	17430	15	28.0823	Si
4903 Prosp.A	Orizzontale	SLE QP 4	1.9765	-71.26	No	-465	13073	15	28.1285	Si
4913 Prosp.A	Orizzontale	SLE QP 4	3.381	-130.56	No	-445	13073	15	29.3847	Si
5786 Prosp.A	Verticale	SLE RA 7	-8.4473	-2.28	No	-586	17430	15	29.7422	Si
6489 Prosp.A	Verticale	SLE QP 3	-3.7658	-37.97	No	-436	13073	15	29.9867	Si
5830 Prosp.A	Orizzontale	SLE QP 4	11.7615	-10.02	No	-431	13073	15	30.3517	Si
4049 Prosp.A	Orizzontale	SLE QP 4	4.2662	-116.54	No	-423	13073	15	30.8987	Si
4903 Prosp.A	Orizzontale	SLE RA 7	2.3037	-84.22	No	-547	17430	15	31.8613	Si
5788 Prosp.A	Verticale	SLE QP 4	-8.6504	38.38	No	-408	13073	15	32.069	Si
6560 Prosp.A	Verticale	SLE RA 1	1.9046	-87.12	No	-542	17430	15	32.1868	Si
6649 Prosp.A	Verticale	SLE QP 4	4.1717	-24.24	No	-399	13073	15	32.7923	Si
5830 Prosp.A	Orizzontale	SLE RA 7	14.05	-16.97	No	-526	17430	15	33.1167	Si
4913 Prosp.A	Orizzontale	SLE RA 7	3.9375	-149	No	-511	17430	15	34.1366	Si
6524 Prosp.A	Verticale	SLE RA 7	3.6688	-51.37	No	-493	17430	15	35.3771	Si
4639 Prosp.A	Orizzontale	SLE QP 4	2.9658	-105.62	No	-368	13073	15	35.4952	Si
5788 Prosp.A	Verticale	SLE RA 7	-9.4713	33.39	No	-487	17430	15	35.7812	Si
4049 Prosp.A	Orizzontale	SLE RA 7	5.2865	-119.54	No	-465	17430	15	37.4444	Si
5198 Prosp.A	Orizzontale	SLE QP 4	3.6669	-89.45	No	-338	13073	15	38.641	Si
5816 Prosp.A	Verticale	SLE QP 2	-0.5081	-134.54	No	-335	13073	15	38.9894	Si
4375 Prosp.A	Orizzontale	SLE QP 4	2.6252	-103.23	No	-335	13073	15	39.0425	Si
6489 Prosp.A	Verticale	SLE RA 6	-4.1368	-33.75	No	-441	17430	15	39.5001	Si
6649 Prosp.A	Verticale	SLE RA 7	4.9978	-20.47	No	-437	17430	15	39.8755	Si
4639 Prosp.A	Orizzontale	SLE RA 7	3.5136	-124.32	No	-434	17430	15	40.1319	Si
5505 Prosp.A	Verticale	SLE QP 2	1.3139	-117.44	No	-322	13073	15	40.5596	Si
5790 Prosp.A	Verticale	SLE QP 4	-5.7926	18.52	No	-307	13073	15	42.5905	Si
4630 Prosp.A	Orizzontale	SLE QP 4	1.7193	-40.48	No	-305	13073	15	42.8922	Si
4021 Prosp.A	Orizzontale	SLE QP 4	2.3168	-88.97	No	-304	13073	15	43.0524	Si
4368 Prosp.A	Orizzontale	SLE QP 4	3.0101	-77.68	No	-301	13073	15	43.4357	Si
4921 Prosp.A	Orizzontale	SLE QP 4	2.8405	-84.58	No	-298	13073	15	43.8359	Si
5794 Prosp.A	Verticale	SLE QP 2	1.2392	-45.04	No	-297	13073	15	43.9737	Si
4630 Prosp.A	Orizzontale	SLE RA 7	2.0317	-54.76	No	-392	17430	15	44.4473	Si
5816 Prosp.A	Verticale	SLE QP 4	2.0238	-95.06	No	-294	13073	15	44.5261	Si
4647 Prosp.A	Orizzontale	SLE QP 4	2.7199	-84.18	No	-293	13073	15	44.6021	Si
4360 Prosp.A	Orizzontale	SLE QP 4	1.6086	-38.67	No	-289	13073	15	45.2585	Si
4360 Prosp.A	Orizzontale	SLE RA 7	1.9639	-53.24	No	-380	17430	15	45.8088	Si
5198 Prosp.A	Orizzontale	SLE RA 7	4.1721	-97.88	No	-376	17430	15	46.3899	Si
4368 Prosp.A	Orizzontale	SLE RA 7	3.6681	-97.95	No	-375	17430	15	46.4949	Si
5514 Prosp.A	Orizzontale	SLE QP 4	5.9549	-30.16	No	-277	13073	15	47.1318	Si
4375 Prosp.A	Orizzontale	SLE RA 7	3.2198	-108.52	No	-368	17430	15	47.3752	Si
5514 Prosp.A	Verticale	SLE QP 2	-1.273	-93.46	No	-265	13073	15	49.3897	Si
4021 Prosp.A	Orizzontale	SLE RA 7	2.9197	-95.17	No	-341	17430	15	51.1394	Si
5505 Prosp.A	Verticale	SLE QP 2	-0.3782	-102.45	No	-255	13073	15	51.2613	Si
4070 Prosp.A	Orizzontale	SLE QP 4	3.054	-62.67	No	-254	13073	15	51.5049	Si
5816 Prosp.A	Verticale	SLE RA 3	-0.6058	-133.78	No	-337	17430	15	51.748	Si
5790 Prosp.A	Verticale	SLE RA 7	-6.3708	20.53	No	-337	17430	15	51.7522	Si
4921 Prosp.A	Orizzontale	SLE RA 7	3.2246	-93.98	No	-334	17430	15	52.2289	Si
5514 Prosp.A	Orizzontale	SLE RA 7	6.9893	-37.81	No	-331	17430	15	52.6207	Si
5214 Prosp.A	Verticale	SLE QP 4	-7.4668	2.76	No	-248	13073	15	52.7582	Si
4647 Prosp.A	Orizzontale	SLE RA 7	3.1384	-93.43	No	-329	17430	15	52.9091	Si
5505 Prosp.A	Verticale	SLE RA 3	1.5433	-116.96	No	-329	17430	15	52.9798	Si
6489 Prosp.A	Verticale	SLE QP 4	0.9917	-35.59	No	-236	13073	15	55.443	Si
5537 Prosp.A	Verticale	SLE QP 4	-6.9342	1.81	No	-232	13073	15	56.3785	Si
5794 Prosp.A	Verticale	SLE RA 3	1.5786	-42.34	No	-308	17430	15	56.6526	Si
5214 Prosp.A	Verticale	SLE RA 7	-9.3262	5.25	No	-305	17430	15	57.1092	Si
5816 Prosp.A	Verticale	SLE RA 7	2.5025	-91.33	No	-301	17430	15	57.8943	Si
5529 Prosp.A	Verticale	SLE QP 4	-3.868	-36.2	No	-217	13073	15	60.172	Si
5537 Prosp.A	Verticale	SLE RA 7	-8.8132	5.4	No	-287	17430	15	60.6493	Si
5830 Prosp.A	Verticale	SLE QP 2	-0.9326	-76.28	No	-212	13073	15	61.6496	Si
4318 Prosp.A	Orizzontale	SLE QP 1	0.9915	-10.14	No	-210	13073	15	62.352	Si
4320 Prosp.A	Orizzontale	SLE QP 1	0.9915	-10.14	No	-210	13073	15	62.352	Si
4070 Prosp.A	Orizzontale	SLE RA 7	3.7818	-62.55	No	-279	17430	15	62.5393	Si
4582 Prosp.A	Orizzontale	SLE QP 1	-0.9109	-9.58	No	-206	13073	15	63.4871	Si
4580 Prosp.A	Orizzontale	SLE QP 1	-0.9109	-9.58	No	-206	13073	15	63.4871	Si
4382 Prosp.A	Orizzontale	SLE QP 4	2.214	-53.95	No	-204	13073	15	64.0433	Si
4936 Prosp.A	Verticale	SLE QP 4	-6.5512	8.24	No	-204	13073	15	64.1984	Si
5514 Prosp.A	Verticale	SLE RA 3	-1.507	-92.53	No	-270	17430	15	64.4463	Si

Verifiche SLE tensione acciaio D.M. 17-01-18 §4.1.2.2.5.2

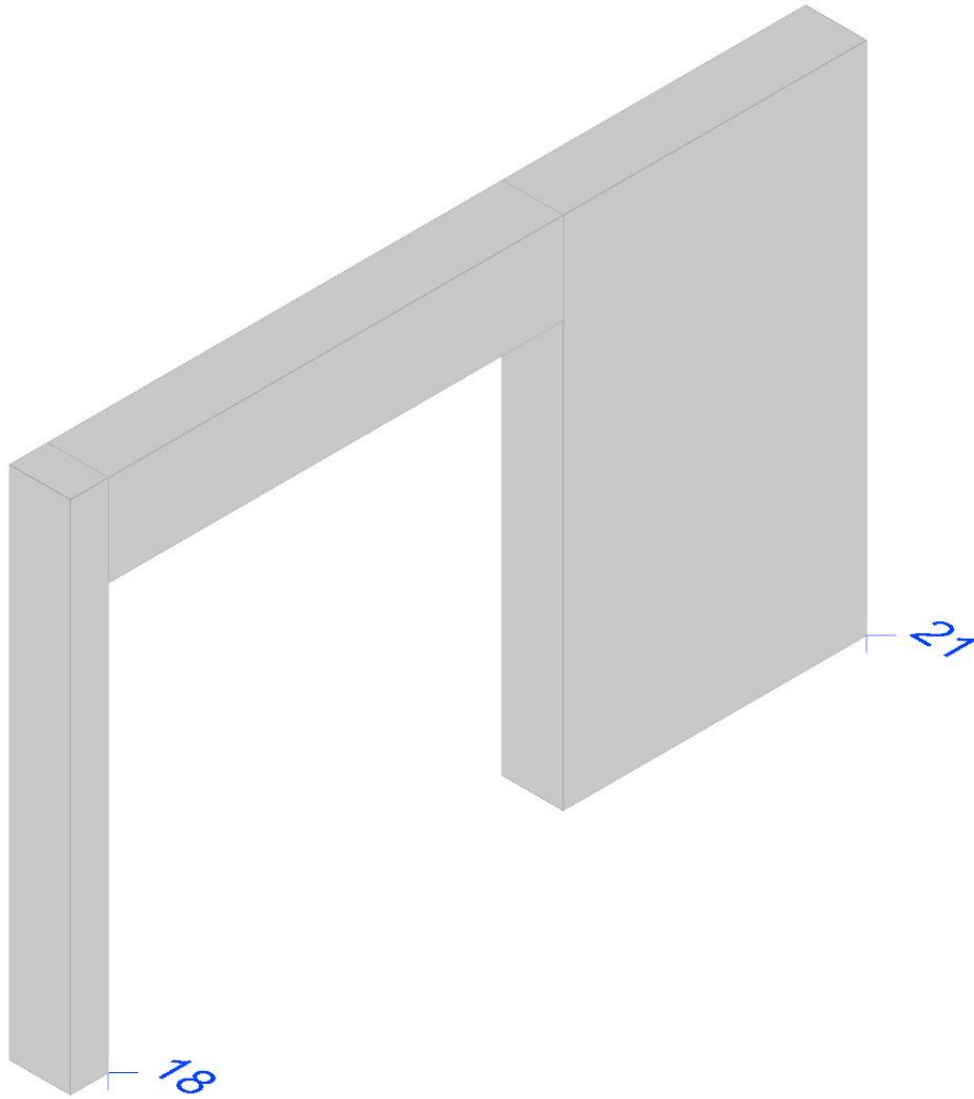
Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	of	of limite	Es/Ec	c.s.	Verifica
5788 Prosp.A	Verticale	SLE RA 3	-8.3204	48.96	No	9973	360000	15	36.097	Si
6424 Prosp.A	Verticale	SLE RA 7	-10.83	-11.05	No	7679	360000	15	46.8806	Si
5786 Prosp.A	Verticale	SLE RA 7	-8.4473	-2.28	No	6439	360000	15	55.9079	Si
5790 Prosp.A	Verticale	SLE RA 7	-6.3708	20.53	No	6434	360000	15	55.9534	Si
5519 Prosp.A	Orizzontale	SLE RA 3	-0.882	36.44	No	5975	360000	15	60.2501	Si
5521 Prosp.A	Orizzontale	SLE RA 3	-0.882	36.44	No	5975	360000	15	60.2501	Si
5786 Prosp.A	Orizzontale	SLE RA 1	1.4791	30.18	No	5945	360000	15	60.5518	Si
5784 Prosp.A	Orizzontale	SLE RA 1	1.4791	30.18	No	5945	360000	15	60.5518	Si
5505 Prosp.A	Orizzontale	SLE RA 10	6.9786	-216.97	No	-5385	360000	15	66.8554	Si
5494 Prosp.A	Orizzontale	SLE RA 10	4.4518	-122.16	No	-5306	360000	15	67.8525	Si
6455 Prosp.A	Verticale	SLE RA 7	-7.8207	-20.18	No	4680	360000	15	76.918	Si
5830 Prosp.A	Orizzontale	SLE RA 7	14.05	-16.97	No	4467	360000	15	80.5923	Si
5845 Prosp.A	Orizzontale	SLE RA 7	8.2205	28.17	No	3964	360000	15	90.8061	Si
5214 Prosp.A	Verticale	SLE RA 7	-9.3262	5.25	No	3831	360000	15	93.9726	Si
5537 Prosp.A	Verticale	SLE RA 7	-8.8132	5.4	No	3636	360000	15	99.0227	Si
4936 Prosp.A	Verticale	SLE RA 7	-8.0635	9.59	No	3491	360000	15	103.1168	Si
5188 Prosp.A	Orizzontale	SLE RA 1	3.3857	-127.24	No	-3425	360000	15	105.0951	Si
4360 Prosp.A	Orizzontale	SLE RA 1	0.2596	46.14	No	3387	360000	15	106.3018	Si
3997 Prosp.A	Orizzontale	SLE RA 1	-0.774	40.47	No	3360	360000	15	107.1513	Si
5796 Prosp.A	Verticale	SLE RA 7	4.1522	-89.84	No	-3126	360000	15	115.1704	Si
5179 Prosp.A	Orizzontale	SLE RA 1	1.9707	-64.9	No	-3099	360000	15	116.1544	Si
6622 Prosp.A	Verticale	SLE RA 7	6.1572	-25.09	No	3032	360000	15	118.7225	Si
5505 Prosp.A	Verticale	SLE RA 7	-0.5578	-89.85	No	-2967	360000	15	121.3164	Si
5816 Prosp.A	Orizzontale	SLE RA 7	18.8189	-108.74	No	2961	360000	15	121.5834	Si
4913 Prosp.A	Orizzontale	SLE RA 1	2.4218	-101.68	No	-2845	360000	15	126.5335	Si
4661 Prosp.A	Verticale	SLE RA 7	-5.7138	11.4	No	2637	360000	15	136.5095	Si
6560 Prosp.A	Verticale	SLE RA 7	2.765	-66.17	No	-2531	360000	15	142.2328	Si

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	of	of limite	Es/Ec	c.s.	Verifica
5792 Prosp.A	Verticale	SLE RA 7	1.5409	18.45	No	2512	360000	15	143.287	Si
5854 Prosp.A	Orizzontale	SLE RA 7	3.1	18.53	No	2507	360000	15	143.5903	Si
4903 Prosp.A	Orizzontale	SLE RA 1	1.4125	-50.23	No	-2479	360000	15	145.2078	Si
6649 Prosp.A	Verticale	SLE RA 7	4.9978	-20.47	No	2454	360000	15	146.7053	Si
3778 Prosp.A	Orizzontale	SLE RA 10	2.913	-47.59	No	-2390	360000	15	150.6294	Si
3806 Prosp.A	Orizzontale	SLE RA 10	2.913	-47.59	No	-2390	360000	15	150.6294	Si
4654 Prosp.A	Verticale	SLE RA 7	-4.5658	17.06	No	2389	360000	15	150.7068	Si
4021 Prosp.A	Orizzontale	SLE RA 10	2.2132	-86.44	No	-2360	360000	15	152.5377	Si
4929 Prosp.A	Verticale	SLE RA 7	-5.4874	5.53	No	2340	360000	15	153.8367	Si
4049 Prosp.A	Orizzontale	SLE RA 7	5.2865	-119.54	No	-2331	360000	15	154.4368	Si
5529 Prosp.A	Orizzontale	SLE RA 7	3.5623	25.19	No	2178	360000	15	165.2765	Si
4647 Prosp.A	Verticale	SLE RA 7	-3.3518	23.74	No	2151	360000	15	167.354	Si
5537 Prosp.A	Orizzontale	SLE RA 7	1.2108	29.92	No	2111	360000	15	170.5626	Si
6678 Prosp.A	Verticale	SLE RA 7	2.2355	4.36	No	2056	360000	15	175.0942	Si
4639 Prosp.A	Orizzontale	SLE RA 1	2.0269	-75.49	No	-2025	360000	15	177.7392	Si
5854 Prosp.A	Verticale	SLE RA 7	-4.8593	1.29	No	1970	360000	15	182.7261	Si
6705 Prosp.A	Verticale	SLE RA 7	-2.7018	-2.65	No	1924	360000	15	187.1454	Si
4368 Prosp.A	Verticale	SLE RA 3	1.5691	34.41	No	1883	360000	15	191.1834	Si
4639 Prosp.A	Verticale	SLE RA 7	3.1299	18.09	No	1864	360000	15	193.1113	Si
6678 Prosp.A	Verticale	SLE RA 7	-2.7836	-4.48	No	1858	360000	15	193.7739	Si
4647 Prosp.A	Orizzontale	SLE RA 1	1.9436	-70.53	No	-1799	360000	15	200.0741	Si
4021 Prosp.A	Orizzontale	SLE RA 1	-0.774	40.47	No	1791	360000	15	201.0531	Si
5519 Prosp.A	Orizzontale	SLE RA 1	0.3199	10.35	No	1790	360000	15	201.1077	Si
5521 Prosp.A	Orizzontale	SLE RA 1	0.3199	10.35	No	1790	360000	15	201.1077	Si
5198 Prosp.A	Orizzontale	SLE RA 1	2.808	-77.26	No	-1726	360000	15	208.5671	Si
4921 Prosp.A	Orizzontale	SLE RA 1	2.1866	-70.57	No	-1713	360000	15	210.151	Si
5206 Prosp.A	Verticale	SLE RA 7	-4.8021	-5.08	No	1696	360000	15	212.2616	Si
4375 Prosp.A	Orizzontale	SLE RA 1	1.2941	-60.24	No	-1669	360000	15	215.7142	Si
5091 Prosp.A	Orizzontale	SLE RA 1	-0.2363	10.23	No	1663	360000	15	216.4731	Si
5088 Prosp.A	Orizzontale	SLE RA 1	-0.2363	10.23	No	1663	360000	15	216.4731	Si
6489 Prosp.A	Verticale	SLE RA 7	1.3194	-36.87	No	-1584	360000	15	227.3389	Si
5214 Prosp.A	Orizzontale	SLE RA 7	0.6676	24.75	No	1575	360000	15	228.5656	Si
5845 Prosp.A	Verticale	SLE RA 7	-4.47	-6.15	No	1534	360000	15	234.6883	Si
6594 Prosp.A	Verticale	SLE RA 7	6.9519	-97.91	No	-1510	360000	15	238.3442	Si
4921 Prosp.A	Verticale	SLE RA 7	-3.3658	5.48	No	1509	360000	15	238.5363	Si
4021 Prosp.A	Verticale	SLE RA 1	0.2838	17.24	No	1444	360000	15	249.2639	Si
4375 Prosp.A	Verticale	SLE RA 3	-1.3501	24.24	No	1418	360000	15	253.8201	Si
4382 Prosp.A	Verticale	SLE RA 7	-2.3564	11.49	No	1352	360000	15	266.3123	Si
4913 Prosp.A	Verticale	SLE RA 7	2.7728	7.3	No	1342	360000	15	268.2106	Si
5091 Prosp.A	Orizzontale	SLE RA 1	0.5743	4.24	No	1324	360000	15	271.9098	Si
5088 Prosp.A	Orizzontale	SLE RA 1	0.5743	4.24	No	1324	360000	15	271.9098	Si
5223 Prosp.A	Orizzontale	SLE RA 1	-0.2008	7.79	No	1293	360000	15	278.3379	Si
5225 Prosp.A	Orizzontale	SLE RA 1	-0.2008	7.79	No	1293	360000	15	278.3379	Si
5225 Prosp.A	Orizzontale	SLE RA 1	0.1537	7.86	No	1241	360000	15	290.1621	Si
5223 Prosp.A	Orizzontale	SLE RA 1	0.1537	7.86	No	1241	360000	15	290.1621	Si
5529 Prosp.A	Verticale	SLE RA 7	-4.0432	-10.21	No	1218	360000	15	295.6401	Si
5514 Prosp.A	Verticale	SLE RA 7	-1.5877	-51.64	No	-1212	360000	15	297.1459	Si
3997 Prosp.A	Orizzontale	SLE RA 1	0.1813	-19.06	No	-1194	360000	15	301.6165	Si
5514 Prosp.A	Orizzontale	SLE RA 7	6.9893	-37.81	No	1181	360000	15	304.8594	Si
4856 Prosp.A	Orizzontale	SLE RA 1	-0.3558	5.15	No	1152	360000	15	312.3874	Si
4858 Prosp.A	Orizzontale	SLE RA 1	-0.3558	5.15	No	1152	360000	15	312.3874	Si
4389 Prosp.A	Verticale	SLE RA 7	-2.654	2.18	No	1129	360000	15	318.7898	Si
4049 Prosp.A	Verticale	SLE RA 1	0.9581	4.65	No	1078	360000	15	333.8302	Si
4368 Prosp.A	Orizzontale	SLE RA 1	-0.3106	-31.52	No	-1049	360000	15	343.3099	Si
6705 Prosp.A	Verticale	SLE RA 7	1.5278	-2.44	No	1021	360000	15	352.6143	Si
4375 Prosp.A	Verticale	SLE RA 1	1.1068	15.74	No	1013	360000	15	355.4476	Si
5830 Prosp.A	Verticale	SLE RA 7	2.119	3.57	No	955	360000	15	377.1363	Si
4382 Prosp.A	Orizzontale	SLE RA 7	2.6025	-53.14	No	-945	360000	15	380.9451	Si
4856 Prosp.A	Orizzontale	SLE RA 1	0.7023	-0.43	No	879	360000	15	409.6063	Si
4858 Prosp.A	Orizzontale	SLE RA 1	0.7023	-0.43	No	879	360000	15	409.6063	Si
4070 Prosp.A	Orizzontale	SLE RA 7	3.7818	-62.55	No	-853	360000	15	421.9333	Si
6489 Prosp.A	Verticale	SLE RA 6	-4.1368	-33.75	No	839	360000	15	428.9567	Si
6649 Prosp.A	Verticale	SLE RA 7	-0.5606	5.62	No	836	360000	15	430.5177	Si
4070 Prosp.A	Verticale	SLE RA 7	-0.9896	0.84	No	833	360000	15	432.4119	Si
6524 Prosp.A	Verticale	SLE RA 5	-0.0394	-11.98	No	-819	360000	15	439.8141	Si
6524 Prosp.A	Verticale	SLE RA 7	3.6688	-51.37	No	-776	360000	15	463.9752	Si
4368 Prosp.A	Orizzontale	SLE RA 1	0.5556	14.16	No	734	360000	15	490.1856	Si
4936 Prosp.A	Orizzontale	SLE RA 7	0.2539	12	No	728	360000	15	494.2826	Si
4049 Prosp.A	Verticale	SLE RA 3	-0.2338	6.91	No	673	360000	15	535.0516	Si
5792 Prosp.A	Verticale	SLE RA 6	-0.9899	-20.32	No	-667	360000	15	539.3326	Si
4654 Prosp.A	Orizzontale	SLE RA 1	0.4554	-22.99	No	-651	360000	15	553.0957	Si
6728 Prosp.A	Verticale	SLE RA 7	-0.897	-0.81	No	643	360000	15	559.5826	Si
4580 Prosp.A	Orizzontale	SLE RA 1	-0.4898	-0.33	No	608	360000	15	591.6499	Si

Parete FILI 18-21

Verifiche condotte secondo D.M. 17-01-18 (N.T.C.)

Geometria



Caratteristiche dei materiali

Acciaio: B450C Fyk 450000
Calcestruzzo: C28/35 Rck 35000

Livelli significativi

Descrizione breve	Descrizione	Quota	Spessore
L3	Piano campagna	0	0
L4	Livello soletta paratoie	2.2	0
L5	Livello stramazzi	2.62	0
L6	Livello coronamento	3.4	0

Verifiche nei nodi

Sezioni rettangolari

Descrizione	Dir.	Base	Altezza	As,sup	As,inf	c,sup	c,inf
5789 Prosp.A	Verticale	0.5	0.4	0.000385	0.000385	0.047	0.047
4361 Prosp.A	Orizzontale	0.5	0.4	0.000616	0.000462	0.0973	0.0631
3998 Prosp.A	Orizzontale	0.5	0.4	0.000616	0.000462	0.0973	0.0631
5520 Prosp.A	Orizzontale	0.25	0.4	0.000616	0.000308	0.1336	0.0672
5522 Prosp.A	Orizzontale	0.25	0.4	0.000616	0.000308	0.1336	0.0672
5791 Prosp.A	Verticale	0.5	0.4	0.000385	0.000385	0.047	0.047
6426 Prosp.A	Verticale	0.5	0.4	0.000385	0.000385	0.047	0.047
5787 Prosp.A	Verticale	0.5	0.4	0.000385	0.000385	0.047	0.047
5785 Prosp.A	Orizzontale	0.25	0.4	0.000616	0.000308	0.1336	0.0672
5787 Prosp.A	Orizzontale	0.25	0.4	0.000616	0.000308	0.1336	0.0672
5846 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
5795 Prosp.A	Verticale	0.5	0.4	0.000385	0.000385	0.047	0.047
5831 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
5793 Prosp.A	Verticale	0.5	0.4	0.000385	0.000385	0.047	0.047
6484 Prosp.A	Verticale	0.5	0.4	0.000385	0.000385	0.047	0.047
5797 Prosp.A	Verticale	0.5	0.4	0.000385	0.000385	0.047	0.047
4648 Prosp.A	Verticale	1	0.4	0.00077	0.00077	0.047	0.047
5799 Prosp.A	Verticale	0.5	0.4	0.000385	0.000385	0.047	0.047
5215 Prosp.A	Verticale	1	0.4	0.000768	0.000768	0.047	0.047
5530 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
5538 Prosp.A	Verticale	1	0.4	0.000768	0.000768	0.047	0.047
4937 Prosp.A	Verticale	1	0.4	0.000768	0.000768	0.047	0.047
4022 Prosp.A	Orizzontale	0.95	0.4	0.000924	0.00077	0.0852	0.0622
5538 Prosp.A	Orizzontale	0.7	0.4	0.00077	0.000616	0.09	0.0625
4369 Prosp.A	Orizzontale	0.95	0.4	0.000924	0.00077	0.0852	0.0622
4655 Prosp.A	Verticale	1	0.4	0.00077	0.00077	0.047	0.047
5855 Prosp.A	Orizzontale	0.7	0.4	0.00077	0.000616	0.09	0.0625
4376 Prosp.A	Verticale	0.9763	0.4	0.00077	0.00077	0.047	0.047

Descrizione	Dir.	Base	Altezza	As,sup	As,inf	c,sup	c,inf
4022 Prosp.A	Verticale	0.5	0.4	0.000385	0.000385	0.047	0.047
6557 Prosp.A	Verticale	0.5	0.4	0.000385	0.000385	0.047	0.047
6454 Prosp.A	Verticale	0.5	0.4	0.000385	0.000385	0.047	0.047
6623 Prosp.A	Verticale	0.5	0.4	0.000385	0.000385	0.047	0.047
5799 Prosp.A	Orizzontale	0.5	0.4	0.000616	0.000462	0.0973	0.0631
4369 Prosp.A	Verticale	0.9715	0.4	0.00077	0.00077	0.047	0.047
4662 Prosp.A	Verticale	1	0.4	0.000768	0.000768	0.047	0.047
4071 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
6519 Prosp.A	Verticale	0.5	0.4	0.000385	0.000385	0.047	0.047
4321 Prosp.A	Orizzontale	0.25	0.4	0.000924	0.000462	0.1336	0.0672
4319 Prosp.A	Orizzontale	0.25	0.4	0.000924	0.000462	0.1336	0.0672
5215 Prosp.A	Orizzontale	0.7	0.4	0.00077	0.000616	0.09	0.0625
6650 Prosp.A	Verticale	0.5	0.4	0.000385	0.000385	0.047	0.047
3804 Prosp.A	Orizzontale	0.25	0.4	0.000616	0.000308	0.1336	0.0672
3807 Prosp.A	Orizzontale	0.25	0.4	0.000616	0.000308	0.1336	0.0672
4640 Prosp.A	Verticale	1	0.4	0.00077	0.00077	0.047	0.047
6679 Prosp.A	Verticale	0.5	0.4	0.000385	0.000385	0.047	0.047
6593 Prosp.A	Verticale	0.5	0.4	0.000385	0.000385	0.047	0.047
5092 Prosp.A	Orizzontale	0.25	0.4	0.000616	0.000308	0.1336	0.0672
5089 Prosp.A	Orizzontale	0.25	0.4	0.000616	0.000308	0.1336	0.0672
4930 Prosp.A	Verticale	1	0.4	0.00077	0.00077	0.047	0.047
4631 Prosp.A	Orizzontale	0.5	0.4	0.000616	0.000462	0.0973	0.0631
4101 Prosp.A	Orizzontale	0.7	0.4	0.00077	0.000616	0.09	0.0625
5817 Prosp.A	Orizzontale	1	0.4	0.000902	0.00077	0.0824	0.0622
4383 Prosp.A	Verticale	0.981	0.4	0.00077	0.00077	0.047	0.047
5495 Prosp.A	Orizzontale	0.5	0.4	0.000616	0.000462	0.0973	0.0631
5855 Prosp.A	Verticale	0.9857	0.4	0.000768	0.000768	0.047	0.047
5224 Prosp.A	Orizzontale	0.25	0.4	0.000616	0.000308	0.1336	0.0672
5226 Prosp.A	Orizzontale	0.25	0.4	0.000616	0.000308	0.1336	0.0672
4922 Prosp.A	Verticale	1	0.4	0.00077	0.00077	0.047	0.047
5506 Prosp.A	Orizzontale	0.95	0.4	0.000924	0.00077	0.0852	0.0622
6706 Prosp.A	Verticale	0.5	0.4	0.000385	0.000385	0.047	0.047
5515 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
5817 Prosp.A	Verticale	1	0.4	0.00077	0.00077	0.047	0.047
4859 Prosp.A	Orizzontale	0.25	0.4	0.000616	0.000308	0.1336	0.0672
4857 Prosp.A	Orizzontale	0.25	0.4	0.000616	0.000308	0.1336	0.0672
4390 Prosp.A	Orizzontale	0.7	0.4	0.00077	0.000616	0.09	0.0625
4050 Prosp.A	Verticale	0.5	0.4	0.000385	0.000385	0.047	0.047
4390 Prosp.A	Verticale	0.9857	0.4	0.000768	0.000768	0.047	0.047
4937 Prosp.A	Orizzontale	0.7	0.4	0.00077	0.000616	0.09	0.0625
4383 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
4914 Prosp.A	Verticale	1	0.4	0.00077	0.00077	0.047	0.047
5207 Prosp.A	Verticale	1	0.4	0.00077	0.00077	0.047	0.047
5180 Prosp.A	Orizzontale	0.5	0.4	0.000616	0.000462	0.0973	0.0631
4050 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
5846 Prosp.A	Verticale	0.9961	0.4	0.00077	0.00077	0.047	0.047
5189 Prosp.A	Orizzontale	0.95	0.4	0.000924	0.00077	0.0852	0.0622
5207 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
5831 Prosp.A	Verticale	1	0.4	0.00077	0.00077	0.047	0.047
4904 Prosp.A	Orizzontale	0.5	0.4	0.000616	0.000462	0.0973	0.0631
4914 Prosp.A	Orizzontale	0.95	0.4	0.000924	0.00077	0.0852	0.0622
5506 Prosp.A	Verticale	1	0.4	0.00077	0.00077	0.047	0.047
4640 Prosp.A	Orizzontale	0.95	0.4	0.000924	0.00077	0.0852	0.0622
4071 Prosp.A	Verticale	0.5	0.4	0.000385	0.000385	0.047	0.047
4376 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
5199 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
4648 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
4922 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
4581 Prosp.A	Orizzontale	0.25	0.4	0.000616	0.000308	0.1336	0.0672
4583 Prosp.A	Orizzontale	0.25	0.4	0.000616	0.000308	0.1336	0.0672
5515 Prosp.A	Verticale	1	0.4	0.000749	0.000749	0.047	0.047
5530 Prosp.A	Verticale	1	0.4	0.00077	0.00077	0.047	0.047
4655 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
6752 Prosp.A	Verticale	0.5	0.4	0.000384	0.000384	0.047	0.047

Verifiche a flessione SLU D.M. 17-01-18 §4.1.2.3.4.2

La struttura è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione, per le combinazioni SLV, viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
5789 Prosp.A	Verticale	SLV 7	12.6147	55.68	28.1571	124.28	2.2321	Si
4361 Prosp.A	Orizzontale	SLV 7	1.7334	121.68	5.3484	375.43	3.0854	Si
3998 Prosp.A	Orizzontale	SLV 7	2.7545	99.59	9.4123	340.31	3.417	Si
5520 Prosp.A	Orizzontale	SLV 7	1.7903	80.43	6.4289	288.83	3.5909	Si
5522 Prosp.A	Orizzontale	SLV 7	1.7903	80.43	6.4289	288.83	3.5909	Si
5791 Prosp.A	Verticale	SLV 7	8.9982	31.36	34.283	119.48	3.81	Si
6426 Prosp.A	Verticale	SLV 11	17.6667	-40.48	75.9893	-174.1	4.3013	Si
5787 Prosp.A	Verticale	SLV 11	14.9227	-31.9	73.4567	-157.04	4.9225	Si
5785 Prosp.A	Orizzontale	SLV 11	-1.9045	50.27	-9.5901	253.14	5.0354	Si
5787 Prosp.A	Orizzontale	SLV 11	-1.9045	50.27	-9.5901	253.14	5.0354	Si
5846 Prosp.A	Orizzontale	SLV 11	-8.7778	56.07	-45.4801	290.51	5.1812	Si
5795 Prosp.A	Verticale	SLV 9	-1.1938	45.82	-6.7054	257.36	5.617	Si
5831 Prosp.A	Orizzontale	SLV 11	-14.9847	8.45	-86.2461	48.64	5.7556	Si
5793 Prosp.A	Verticale	SLV 9	-0.8434	44.97	-5.032	268.29	5.9665	Si
6484 Prosp.A	Verticale	SLV 5	6.8804	6.69	42.3533	41.16	6.1557	Si
5787 Prosp.A	Verticale	SLV 9	-5.0271	17.46	-31.0396	107.8	6.1744	Si
4361 Prosp.A	Orizzontale	SLV 3	-1.2197	54.57	-7.8984	353.39	6.4757	Si
5797 Prosp.A	Verticale	SLV 9	-1.3166	34.51	-9.1966	241.08	6.9849	Si
4648 Prosp.A	Verticale	SLV 7	2.9103	63.96	21.1262	464.29	7.2591	Si
5799 Prosp.A	Verticale	SLV 9	-3.4702	19.05	-25.4406	139.64	7.3311	Si
5215 Prosp.A	Verticale	SLV 7	12.577	7.1	98.3606	55.51	7.8207	Si
5530 Prosp.A	Orizzontale	SLV 11	-4.1494	47.05	-32.5006	368.55	7.8326	Si
5538 Prosp.A	Verticale	SLV 7	11.9455	7.5	97.4702	61.17	8.1596	Si
4937 Prosp.A	Verticale	SLV 7	10.8723	13.04	89.962	107.93	8.2744	Si
4022 Prosp.A	Orizzontale	SLV 7	2.9551	55.34	24.7407	463.36	8.3723	Si
5538 Prosp.A	Orizzontale	SLV 11	-1.8843	46.27	-16.5147	405.51	8.7643	Si
4369 Prosp.A	Orizzontale	SLV 7	2.9788	49.71	26.7804	446.94	8.9905	Si
4655 Prosp.A	Verticale	SLV 7	3.5409	42.46	32.51	389.88	9.1814	Si
5855 Prosp.A	Orizzontale	SLV 11	-3.5775	27.57	-34.9827	269.55	9.7785	Si
4376 Prosp.A	Verticale	SLV 7	1.4245	51.66	14.0741	510.38	9.8803	Si
4022 Prosp.A	Verticale	SLV 7	-0.2267	28.6	-2.2695	286.35	10.011	Si

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
6557 Prosp.A	Verticale	SLV 9	-0.7173	24.93	-7.2937	253.51	10.1676	Si
6454 Prosp.A	Verticale	SLV 9	3.7156	6.69	37.8445	68.1	10.1854	Si
6623 Prosp.A	Verticale	SLV 9	-3.2741	8.9	-33.792	91.88	10.3211	Si
5799 Prosp.A	Orizzontale	SLU 7	-17.7667	-203.52	-184.432	-2112.68	10.3808	Si
4369 Prosp.A	Verticale	SLU 1	-1.6788	49.24	-17.5037	513.34	10.4262	Si
4662 Prosp.A	Verticale	SLU 7	7.7391	14.99	81.86	158.54	10.5774	Si
4071 Prosp.A	Orizzontale	SLV 5	-8.3607	1.53	-91.4024	16.71	10.9324	Si
6519 Prosp.A	Verticale	SLV 9	-0.4304	24.47	-4.7509	270.13	11.0374	Si
4321 Prosp.A	Orizzontale	SLV 7	5.6498	-134	62.5294	-1483.01	11.0676	Si
4319 Prosp.A	Orizzontale	SLV 7	5.6498	-134	62.5294	-1483.01	11.0676	Si
5215 Prosp.A	Orizzontale	SLV 11	-1.2386	38.08	-13.8949	427.18	11.2178	Si
6650 Prosp.A	Verticale	SLV 9	-2.8074	8.92	-32.0602	101.92	11.42	Si
3804 Prosp.A	Orizzontale	SLV 7	-7.2442	-91.47	-82.9782	-1047.68	11.4544	Si
3807 Prosp.A	Orizzontale	SLV 7	-7.2442	-91.47	-82.9782	-1047.68	11.4544	Si
4640 Prosp.A	Verticale	SLU 2	-2.8113	33.73	-35.112	421.23	12.4897	Si
6679 Prosp.A	Verticale	SLV 9	-2.6187	7.65	-33.0129	96.4	12.6067	Si
6593 Prosp.A	Verticale	SLV 7	-8.1806	-206.13	-103.231	-2601.2	12.619	Si
5092 Prosp.A	Orizzontale	SLV 7	0.4815	22.28	6.2786	290.53	13.0395	Si
5089 Prosp.A	Orizzontale	SLV 7	0.4815	22.28	6.2786	290.53	13.0395	Si
4930 Prosp.A	Verticale	SLV 11	4.8262	15.75	63.5251	207.28	13.1627	Si
4631 Prosp.A	Orizzontale	SLV 7	1.6931	16.01	23.7425	224.48	14.0227	Si
4101 Prosp.A	Orizzontale	SLV 5	-3.7267	11.22	-53.1292	159.94	14.2563	Si
5791 Prosp.A	Verticale	SLV 9	-1.6053	10.65	-23.066	152.96	14.369	Si
5817 Prosp.A	Orizzontale	SLU 7	-25.4073	-153.4	-377.5918	-2279.82	14.8616	Si
4383 Prosp.A	Verticale	SLV 7	1.5446	29.64	23.4157	449.32	15.1599	Si
5495 Prosp.A	Orizzontale	SLU 7	-7.0037	-195.11	-106.2599	-2960.29	15.172	Si
5855 Prosp.A	Verticale	SLU 7	6.5934	2.12	101.8328	32.72	15.4446	Si
5224 Prosp.A	Orizzontale	SLV 7	0.3755	18.71	5.9128	294.66	15.7481	Si
5226 Prosp.A	Orizzontale	SLV 7	0.3755	18.71	5.9128	294.66	15.7481	Si
4640 Prosp.A	Verticale	SLV 3	2.2904	22.61	36.7086	362.44	16.0275	Si
4922 Prosp.A	Verticale	SLV 7	3.2972	16.63	53.0022	267.34	16.0747	Si
6426 Prosp.A	Verticale	SLV 5	-1.6917	7.92	-27.4267	128.43	16.2129	Si
5506 Prosp.A	Orizzontale	SLV 11	-9.4032	-326.6	-154.5906	-5369.33	16.4402	Si
6484 Prosp.A	Verticale	SLV 9	-2.7075	1.49	-45.0628	24.77	16.644	Si
6706 Prosp.A	Verticale	SLU 7	3.6569	-2.88	61.4643	-48.41	16.8078	Si
4369 Prosp.A	Verticale	SLV 7	0.7931	30.08	13.5477	513.82	17.0823	Si
5522 Prosp.A	Orizzontale	SLU 1	-0.6315	17.64	-10.9135	304.85	17.2812	Si
5520 Prosp.A	Orizzontale	SLU 1	-0.6315	17.64	-10.9135	304.85	17.2812	Si
4022 Prosp.A	Verticale	SLV 7	0.3861	14.6	6.791	256.8	17.5877	Si
5515 Prosp.A	Orizzontale	SLV 11	-8.0106	-19.35	-149.1396	-360.28	18.6177	Si
3998 Prosp.A	Orizzontale	SLV 9	-4.809	-145.58	-91.8736	-2781.18	19.1044	Si
5817 Prosp.A	Verticale	SLV 9	-4.1059	5.19	-81.2952	102.82	19.7995	Si
4859 Prosp.A	Orizzontale	SLV 7	0.7039	10.42	13.9895	207.04	19.8753	Si
4857 Prosp.A	Orizzontale	SLV 7	0.7039	10.42	13.9895	207.04	19.8753	Si
4390 Prosp.A	Orizzontale	SLV 9	-1.402	15.6	-28.0241	311.79	19.9887	Si
4050 Prosp.A	Verticale	SLV 3	-0.7769	9.87	-15.6526	198.88	20.1475	Si
4390 Prosp.A	Verticale	SLV 9	4.0763	4.46	83.0446	90.77	20.3725	Si
4050 Prosp.A	Verticale	SLV 7	0.1828	13.39	3.7757	276.51	20.652	Si
4376 Prosp.A	Verticale	SLU 1	-1.6578	19.98	-34.9953	421.73	21.109	Si
4937 Prosp.A	Orizzontale	SLU 7	-0.7679	21.73	-16.2243	459.03	21.1275	Si
4383 Prosp.A	Orizzontale	SLV 9	-4.2932	0.9	-91.0124	19.13	21.1994	Si
4914 Prosp.A	Verticale	SLU 7	-3.5813	9.27	-75.986	196.79	21.2173	Si
5226 Prosp.A	Orizzontale	SLV 7	-0.1908	14.87	-4.0514	315.68	21.2318	Si
5224 Prosp.A	Orizzontale	SLV 7	-0.1908	14.87	-4.0514	315.68	21.2318	Si
5207 Prosp.A	Verticale	SLU 7	6.2106	-7.48	132.9931	-160.07	21.4139	Si
5180 Prosp.A	Orizzontale	SLU 7	-4.2084	-139.77	-91.998	-3055.52	21.8605	Si
4050 Prosp.A	Orizzontale	SLV 5	-10.7804	-45.73	-236.5081	-1003.36	21.9388	Si
5793 Prosp.A	Verticale	SLV 5	1.2961	5.58	28.459	122.57	21.9578	Si
5089 Prosp.A	Orizzontale	SLV 7	-0.8172	8.07	-18.0882	178.67	22.1345	Si
5092 Prosp.A	Orizzontale	SLV 7	-0.8172	8.07	-18.0882	178.67	22.1345	Si
6650 Prosp.A	Verticale	SLU 7	0.7521	9.35	17.1237	212.95	22.767	Si
5846 Prosp.A	Verticale	SLU 7	5.9809	-7.95	136.2959	-181.25	22.7884	Si
5189 Prosp.A	Orizzontale	SLU 7	-7.1046	-246.17	-163.5493	-5666.95	23.0201	Si
4914 Prosp.A	Verticale	SLV 3	2.2187	12.02	51.2137	277.43	23.0829	Si
5207 Prosp.A	Orizzontale	SLV 7	0.4351	22.45	10.2472	528.64	23.549	Si
5831 Prosp.A	Verticale	SLV 9	-3.049	6.69	-71.9888	157.98	23.6109	Si
4904 Prosp.A	Orizzontale	SLU 7	-3.0824	-124.29	-75.7773	-3055.52	24.5841	Si
5817 Prosp.A	Verticale	SLV 7	0.9397	-234.55	23.5175	-5870.1	25.027	Si
4631 Prosp.A	Orizzontale	SLV 9	-2.6204	-117.9	-67.3825	-3031.75	25.7149	Si

Verifiche a flessione SLD Resistenza D.M. 17-01-18 §4.1.2.3.4.2

La struttura è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
5789 Prosp.A	Verticale	SLD 7	10.4328	43.08	28.9725	119.64	2.7771	Si
6426 Prosp.A	Verticale	SLD 11	13.6408	-26.39	70.3144	-136.03	5.1547	Si
5791 Prosp.A	Verticale	SLD 1	5.7815	21.96	29.9824	113.87	5.1859	Si
5520 Prosp.A	Orizzontale	SLD 7	1.2669	49.43	7.1844	280.3	5.671	Si
5522 Prosp.A	Orizzontale	SLD 7	1.2669	49.43	7.1844	280.3	5.671	Si
3998 Prosp.A	Orizzontale	SLD 7	1.2465	58.15	7.6256	355.75	6.1175	Si
5787 Prosp.A	Verticale	SLD 11	10.7005	-18.49	67.3376	-116.34	6.2929	Si
5846 Prosp.A	Orizzontale	SLD 11	-7.7988	41.79	-49.7005	266.29	6.3728	Si
4361 Prosp.A	Orizzontale	SLD 7	-0.2394	60.13	-1.6231	407.63	6.7786	Si
5787 Prosp.A	Orizzontale	SLD 7	-1.6499	33.33	-11.4753	231.85	6.9553	Si
5785 Prosp.A	Orizzontale	SLD 7	-1.6499	33.33	-11.4753	231.85	6.9553	Si
5831 Prosp.A	Orizzontale	SLD 11	-13.1581	-1.68	-96.0475	-12.27	7.2995	Si
5530 Prosp.A	Orizzontale	SLD 11	-3.6059	39.11	-33.3874	362.17	9.2591	Si
4022 Prosp.A	Orizzontale	SLD 7	1.2465	58.15	12.1123	565.06	9.7168	Si
4648 Prosp.A	Verticale	SLD 7	2.6606	42.7	26.669	428.06	10.0237	Si
5797 Prosp.A	Verticale	SLD 7	-7.3922	-273.9	-77.1473	-2858.5	10.4363	Si
5793 Prosp.A	Verticale	SLD 5	-0.8165	23.18	-8.6235	244.82	10.562	Si
6484 Prosp.A	Verticale	SLD 5	6.1894	-10.24	66.3356	-109.77	10.7177	Si
5538 Prosp.A	Orizzontale	SLD 11	-1.4883	37.23	-16.2868	407.4	10.9435	Si
4369 Prosp.A	Verticale	SLD 11	-1.6657	44.05	-18.2647	482.99	10.9653	Si
5215 Prosp.A	Verticale	SLD 15	8.1166	4.51	89.8439	49.89	11.0692	Si
4937 Prosp.A	Verticale	SLD 11	6.7954	12.42	75.2367	137.52	11.0716	Si
4655 Prosp.A	Verticale	SLD 7	3.513	28.84	40.8759	335.63	11.6358	Si
5855 Prosp.A	Orizzontale	SLD 11	-3.0968	22.35	-36.2752	261.81	11.7138	Si
4369 Prosp.A	Orizzontale	SLD 7	-0.3324	53.13	-3.9474	630.81	11.8739	Si
5538 Prosp.A	Verticale	SLD 15	7.5771	3.63	90.8749	43.58	11.9934	Si

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
5799 Prosp.A	Verticale	SLD 7	-6.5661	-233.42	-79.7001	-2833.3	12.1381	Si
4022 Prosp.A	Verticale	SLD 7	-0.3602	21.67	-4.516	271.67	12.5363	Si
5799 Prosp.A	Orizzontale	SLD 11	-12.16	-164.67	-154.0209	-2085.78	12.6662	Si
4376 Prosp.A	Verticale	SLD 7	1.386	33.99	19.3924	475.62	13.9919	Si
5215 Prosp.A	Orizzontale	SLD 11	-0.9264	30.96	-13.0012	434.57	14.0347	Si
4640 Prosp.A	Verticale	SLD 11	-1.811	31.03	-25.4458	436.05	14.0509	Si
4319 Prosp.A	Orizzontale	SLD 7	4.2986	-103.69	61.8112	-1490.94	14.3793	Si
4321 Prosp.A	Orizzontale	SLD 7	4.2986	-103.69	61.8112	-1490.94	14.3793	Si
4662 Prosp.A	Verticale	SLD 15	4.9874	10.63	72.388	154.28	14.5141	Si
3807 Prosp.A	Orizzontale	SLD 7	-5.5734	-70.41	-82.9594	-1048.08	14.8848	Si
3804 Prosp.A	Orizzontale	SLD 7	-5.5734	-70.41	-82.9594	-1048.08	14.8848	Si
4930 Prosp.A	Verticale	SLD 11	4.4534	9.99	71.555	160.53	16.0674	Si
6593 Prosp.A	Verticale	SLD 7	-6.7637	-152.97	-111.4328	-2520.21	16.4751	Si
6679 Prosp.A	Verticale	SLD 15	-2.1712	3.75	-38.2	65.99	17.5943	Si
6454 Prosp.A	Verticale	SLD 9	4.8756	-13.94	86.7076	-247.97	17.784	Si
5795 Prosp.A	Verticale	SLD 7	-3.2623	-160.02	-59.8351	-2935.05	18.3416	Si
5495 Prosp.A	Orizzontale	SLD 11	-4.9547	-151.65	-91.1177	-2788.92	18.3902	Si
6650 Prosp.A	Verticale	SLD 9	-2.9976	-2.19	-55.5907	-40.57	18.5454	Si
6623 Prosp.A	Verticale	SLD 9	-4.0889	-9.83	-77.9314	-187.3	19.0591	Si
5817 Prosp.A	Orizzontale	SLD 11	-17.3177	-113.84	-334.657	-2200	19.3246	Si
5506 Prosp.A	Orizzontale	SLD 11	-8.1127	-274.55	-157.7204	-5337.69	19.4413	Si
4383 Prosp.A	Verticale	SLD 7	1.674	19.86	32.7415	388.37	19.5591	Si
5089 Prosp.A	Orizzontale	SLD 7	0.3614	13.13	7.5913	275.71	21.0046	Si
5092 Prosp.A	Orizzontale	SLD 7	0.3614	13.13	7.5913	275.71	21.0046	Si
4922 Prosp.A	Verticale	SLD 7	2.7969	10.68	59.8297	228.5	21.3913	Si
5855 Prosp.A	Verticale	SLD 13	3.9411	1.13	93.5805	26.79	23.7449	Si
6706 Prosp.A	Verticale	SLD 15	2.3836	-2.09	57.1053	-50.17	23.9571	Si
6557 Prosp.A	Verticale	SLD 7	-3.4002	-111.74	-84.7101	-2783.89	24.9134	Si
4937 Prosp.A	Orizzontale	SLD 15	-0.6777	15.74	-17.2074	399.78	25.3922	Si
4376 Prosp.A	Verticale	SLD 3	-1.5107	13.4	-39.0927	346.86	25.8772	Si
4050 Prosp.A	Verticale	SLD 1	-1.1446	4.45	-29.7135	115.41	25.9605	Si
6519 Prosp.A	Verticale	SLD 7	-4.2058	-96.92	-109.9785	-2534.51	26.1494	Si
4914 Prosp.A	Verticale	SLD 15	-2.4261	7.61	-64.4144	202.15	26.551	Si
5224 Prosp.A	Orizzontale	SLD 7	0.279	10.39	7.4467	277.34	26.6927	Si
5226 Prosp.A	Orizzontale	SLD 7	0.279	10.39	7.4467	277.34	26.6927	Si
6650 Prosp.A	Verticale	SLD 15	0.6469	6.55	18.0781	183.03	27.9438	Si
4390 Prosp.A	Verticale	SLD 9	2.9935	2.69	85.3872	76.63	28.5245	Si
4050 Prosp.A	Verticale	SLD 7	0.2071	8.9	6.0842	261.42	29.3804	Si
5180 Prosp.A	Orizzontale	SLD 11	-3.026	-93.34	-90.5852	-2794.28	29.9357	Si
5189 Prosp.A	Orizzontale	SLD 11	-5.1448	-177.85	-155.1559	-5363.68	30.1581	Si
5207 Prosp.A	Orizzontale	SLD 7	0.2798	17.81	8.5018	541.2	30.3861	Si
4369 Prosp.A	Verticale	SLD 7	0.6588	15.47	20.0724	471.17	30.4658	Si
5515 Prosp.A	Orizzontale	SLD 11	-6.8502	-25.95	-209.3804	-793.3	30.5654	Si
3998 Prosp.A	Orizzontale	SLD 9	-2.8913	-83.38	-95.2489	-2746.67	32.9435	Si
4640 Prosp.A	Verticale	SLD 7	0.7598	13.09	25.3427	436.73	33.356	Si
4857 Prosp.A	Orizzontale	SLD 7	0.5308	5.39	17.7877	180.7	33.5136	Si
4859 Prosp.A	Orizzontale	SLD 7	0.5308	5.39	17.7877	180.7	33.5136	Si
4904 Prosp.A	Orizzontale	SLD 13	-2.3428	-86.63	-78.8226	-2914.58	33.6453	Si
5846 Prosp.A	Verticale	SLD 13	3.431	-3.4	116.5939	-115.63	33.983	Si
5092 Prosp.A	Orizzontale	SLD 7	-0.685	4.19	-23.3886	142.98	34.1459	Si
5089 Prosp.A	Orizzontale	SLD 7	-0.685	4.19	-23.3886	142.98	34.1459	Si
5226 Prosp.A	Orizzontale	SLD 7	-0.1502	8.78	-5.1805	302.93	34.4969	Si
5224 Prosp.A	Orizzontale	SLD 7	-0.1502	8.78	-5.1805	302.93	34.4969	Si
5817 Prosp.A	Verticale	SLD 7	0.7021	-169.97	24.2484	-5870.1	34.5368	Si
6679 Prosp.A	Verticale	SLD 15	1.2559	0.92	43.8721	32	34.9327	Si
4631 Prosp.A	Orizzontale	SLD 9	-2.2127	-83.66	-77.4566	-2928.59	35.005	Si
4022 Prosp.A	Verticale	SLD 7	0.3229	6.33	11.5214	225.88	35.6763	Si
4022 Prosp.A	Orizzontale	SLD 9	-6.4232	-128.35	-230.3505	-4602.77	35.8621	Si
5207 Prosp.A	Verticale	SLD 13	3.4048	-4.54	124.4101	-165.71	36.5395	Si
4914 Prosp.A	Orizzontale	SLD 15	-4.0447	-144.74	-151.045	-5405.27	37.3438	Si
5506 Prosp.A	Verticale	SLD 7	-1.9422	-152.41	-74.8075	-5870.1	38.516	Si
5831 Prosp.A	Verticale	SLD 15	-2.0605	2.93	-79.564	113.18	38.6131	Si
6706 Prosp.A	Verticale	SLD 13	-1.4208	-0.96	-55.0505	-37.15	38.7454	Si
4101 Prosp.A	Orizzontale	SLD 5	-2.6061	-4.22	-103.3624	-167.29	39.6616	Si
4914 Prosp.A	Verticale	SLD 3	1.2878	6.99	51.1613	277.71	39.7272	Si
4050 Prosp.A	Orizzontale	SLD 7	-3.0155	-145.39	-121.7521	-5870.1	40.3749	Si
4640 Prosp.A	Orizzontale	SLD 9	-3.7561	-132.76	-152.5047	-5390.41	40.6019	Si
6519 Prosp.A	Verticale	SLD 7	2.849	-60.78	116.0063	-2475.03	40.7181	Si
4648 Prosp.A	Verticale	SLD 3	-0.2687	12.85	-11.0834	529.92	41.2516	Si
4071 Prosp.A	Verticale	SLD 13	1.1743	-0.16	50.2079	-6.84	42.7573	Si
5522 Prosp.A	Orizzontale	SLD 3	-0.2872	5.13	-12.3977	221.44	43.1703	Si
5520 Prosp.A	Orizzontale	SLD 3	-0.2872	5.13	-12.3977	221.44	43.1703	Si
5817 Prosp.A	Verticale	SLD 7	-2.2295	-134.37	-97.3962	-5870.1	43.6854	Si
4071 Prosp.A	Orizzontale	SLD 5	-6.1472	-29.28	-272.0419	-1295.92	44.2544	Si

Verifiche a taglio SLU D.M. 17-01-18 §4.1.2.3.5

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
3804 Prosp.A	Orizzontale	0.333	0.25	Non necessaria	0	SLV 3	19.77	-63.54	-6.6394	47.05	220.76	0	47.05	2.5	0.0003079	2.3795	Si
3807 Prosp.A	Orizzontale	0.333	0.25	Non necessaria	0	SLV 3	19.77	-63.54	-6.6394	47.05	220.76	0	47.05	2.5	0.0003079	2.3795	Si
4321 Prosp.A	Orizzontale	0.333	0.25	Non necessaria	0	SLV 3	19.77	-94.11	4.8088	56.53	224.71	0	56.53	2.5	0.0004619	2.8589	Si
4319 Prosp.A	Orizzontale	0.333	0.25	Non necessaria	0	SLV 3	19.77	-94.11	4.8088	56.53	224.71	0	56.53	2.5	0.0004619	2.8589	Si
5789 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLV 11	-25.68	49.38	12.6966	77.26	450.85	0	77.26	2.5	0.0003848	3.0091	Si
5787 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLU 4	21.76	-9.94	8.759	78.58	452.21	0	78.58	2.5	0.0003848	3.611	Si
6426 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLV 11	-19.13	-40.48	17.6667	82.62	456.39	0	82.62	2.5	0.0003848	4.3197	Si
5799 Prosp.A	Orizzontale	0.337	0.5	Non necessaria	0	SLU 7	-21.11	-203.52	-17.7667	100.58	456.95	0	100.58	2.5	0.0004618	4.7658	Si
5785 Prosp.A	Orizzontale	0.333	0.25	Non necessaria	0	SLV 13	-7.71	-6.37	-2.7883	39.91	213.38	0	39.91	2.5	0.0003079	5.178	Si
5787 Prosp.A	Orizzontale	0.333	0.25	Non necessaria	0	SLV 13	-7.71	-6.37	-2.7883	39.91	213.38	0	39.91	2.5	0.0003079	5.178	Si
5522 Prosp.A	Orizzontale	0.333	0.25	Non necessaria	0	SLV 13	-7.71	-6.5	0.355	39.93	213.4	0	39.93	2.5	0.0003079	5.1801	Si

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
5520 Prosp.A	Orizzontale	0.333	0.25	Non necessaria	0	SLV 13	-7.71	-6.5	0.355	39.93	213.4	0	39.93	2.5	0.0003079	5.1801	Si
5793 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLU 7	-13.45	-4.59	-0.3857	77.87	451.48	0	77.87	2.5	0.0003848	5.7881	Si
5791 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLU 7	-13.45	-5.1	9.9742	77.93	451.55	0	77.93	2.5	0.0003848	5.7932	Si
6484 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLV 5	12.48	6.69	6.8804	77.26	450.85	0	77.26	2.5	0.0003848	6.1905	Si
6454 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLV 5	12	6.05	3.3614	77.26	450.85	0	77.26	2.5	0.0003848	6.4357	Si
5506 Prosp.A	Orizzontale	0.338	0.95	Non necessaria	0	SLU 7	-24.96	-337.78	-11.4951	185.27	863.92	0	185.27	2.5	0.0007697	7.4224	Si
5224 Prosp.A	Orizzontale	0.333	0.25	Non necessaria	0	SLU 6	4.84	5.51	-0.3264	39.12	212.56	0	39.12	2.5	0.0003079	8.0819	Si
5226 Prosp.A	Orizzontale	0.333	0.25	Non necessaria	0	SLU 6	4.84	5.51	-0.3264	39.12	212.56	0	39.12	2.5	0.0003079	8.0819	Si
4581 Prosp.A	Orizzontale	0.333	0.25	Non necessaria	0	SLV 3	4.99	-12.87	1.8366	40.73	214.22	0	40.73	2.5	0.0003079	8.1565	Si
4583 Prosp.A	Orizzontale	0.333	0.25	Non necessaria	0	SLV 3	4.99	-12.87	1.8366	40.73	214.22	0	40.73	2.5	0.0003079	8.1565	Si
6519 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLU 7	-10.14	-53.25	2.7921	84.31	458.14	0	84.31	2.5	0.0003848	8.3106	Si
5092 Prosp.A	Orizzontale	0.333	0.25	Non necessaria	0	SLV 3	4.5	0.57	1.2605	39.12	212.56	0	39.12	2.5	0.0003079	8.685	Si
5089 Prosp.A	Orizzontale	0.333	0.25	Non necessaria	0	SLV 3	4.5	0.57	1.2605	39.12	212.56	0	39.12	2.5	0.0003079	8.685	Si
4859 Prosp.A	Orizzontale	0.333	0.25	Non necessaria	0	SLV 3	4.5	0.32	-1.2101	39.12	212.56	0	39.12	2.5	0.0003079	8.685	Si
4857 Prosp.A	Orizzontale	0.333	0.25	Non necessaria	0	SLV 3	4.5	0.32	-1.2101	39.12	212.56	0	39.12	2.5	0.0003079	8.685	Si
5538 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLU 7	17.38	7.5	11.9455	154.52	901.7	0	154.52	2.5	0.0007679	8.8897	Si
5530 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLU 7	17.47	-14.19	5.2736	156.4	903.64	0	156.4	2.5	0.0007697	8.951	Si
5207 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLU 7	15.77	-7.48	6.2106	155.51	902.73	0	155.51	2.5	0.0007697	9.8641	Si
5215 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLU 7	15.56	7.1	12.577	154.52	901.7	0	154.52	2.5	0.0007679	9.9286	Si
4930 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLU 7	12.49	6.5	6.1775	154.52	901.7	0	154.52	2.5	0.0007697	12.3739	Si
4937 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLU 7	12.28	13.04	10.8723	154.52	901.7	0	154.52	2.5	0.0007679	12.5853	Si
5515 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLU 7	12.87	-72.2	0.3389	164.08	911.59	0	164.08	2.5	0.0007487	12.746	Si
5817 Prosp.A	Orizzontale	0.338	1	Non necessaria	0	SLU 7	-13.16	-153.4	-25.4073	169.41	882.9	0	169.41	2.5	0.0007697	12.8767	Si
3998 Prosp.A	Orizzontale	0.337	0.5	Non necessaria	0	SLV 11	-5.64	81.44	3.6136	74.87	430.35	0	74.87	2.5	0.0004618	13.2659	Si
4361 Prosp.A	Orizzontale	0.337	0.5	Non necessaria	0	SLV 11	-5.61	101.59	1.8881	74.87	430.35	0	74.87	2.5	0.0004618	13.3368	Si
5855 Prosp.A	Verticale	0.353	0.986	Non necessaria	0	SLU 7	11.29	1.86	6.5821	152.31	888.82	0	152.31	2.5	0.0007679	13.4872	Si
5846 Prosp.A	Verticale	0.353	0.996	Non necessaria	0	SLU 7	11.21	-5.25	3.9653	154.6	898.86	0	154.6	2.5	0.0007697	13.7924	Si
4022 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLV 11	-5.62	-4.34	-0.2741	77.83	451.45	0	77.83	2.5	0.0003848	13.8483	Si
5495 Prosp.A	Orizzontale	0.337	0.5	Non necessaria	0	SLU 7	-7.07	-195.11	-7.0037	99.52	455.86	0	99.52	2.5	0.0004618	14.0692	Si
5817 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLU 7	12.3	-180.41	-6.2925	178.4	926.41	0	178.4	2.5	0.0007697	14.5011	Si
5831 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLU 7	-10.55	-23.95	-19.2422	153.39	869.09	0	153.39	2.5	0.0007697	14.5329	Si
5199 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLU 7	10.77	-42.13	2.7112	160.1	907.47	0	160.1	2.5	0.0007697	14.8681	Si
5831 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLU 7	10.46	-91.68	-0.5543	166.65	914.26	0	166.65	2.5	0.0007697	15.9292	Si
4655 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLU 7	9.29	10.8	4.7025	154.52	901.7	0	154.52	2.5	0.0007697	16.6318	Si
5515 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLU 7	-9.31	-53.97	-9.5138	157.21	873.04	0	157.21	2.5	0.0007697	16.8852	Si
4662 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLU 7	9.13	14.99	7.7391	154.52	901.7	0	154.52	2.5	0.0007679	16.9158	Si
4050 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLV 5	9.07	-45.73	-10.7804	156.16	871.95	0	156.16	2.5	0.0007697	17.2104	Si
4071 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLV 1	9	-47.08	-6.5967	156.33	872.13	0	156.33	2.5	0.0007697	17.3793	Si
5506 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLU 7	9.97	-148.6	-3.1445	174.19	922.05	0	174.19	2.5	0.0007697	17.4682	Si
4376 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLV 1	9.14	-87.49	-3.727	161.47	877.45	0	161.47	2.5	0.0007697	17.6742	Si
4383 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLV 1	8.76	-44.01	-2.0635	155.94	871.73	0	155.94	2.5	0.0007697	17.8044	Si
4922 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLU 7	8.55	2.76	3.806	154.52	901.7	0	154.52	2.5	0.0007697	18.072	Si
6679 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLU 7	4.34	-14.41	-2.0813	79.17	452.82	0	79.17	2.5	0.0003848	18.2445	Si
5189 Prosp.A	Orizzontale	0.338	0.95	Non necessaria	0	SLU 7	-8.87	-246.17	-7.1046	173.66	851.91	0	173.66	2.5	0.0007697	19.5767	Si
4369 Prosp.A	Orizzontale	0.338	0.95	Non necessaria	0	SLV 1	7.67	-69.72	-4.1764	151.31	828.79	0	151.31	2.5	0.0007697	19.7302	Si
4022 Prosp.A	Orizzontale	0.338	0.95	Non necessaria	0	SLV 1	7.67	-79.73	-7.6004	152.58	830.1	0	152.58	2.5	0.0007697	19.8879	Si
5795 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLU 7	-4.02	-30.92	-3.8391	81.35	455.08	0	81.35	2.5	0.0003848	20.2198	Si
5199 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLU 7	-8.27	-139.07	-5.3982	168.03	884.23	0	168.03	2.5	0.0007697	20.3145	Si
6706 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLV 7	-3.75	-6.06	2.3162	78.06	451.68	0	78.06	2.5	0.0003848	20.8127	Si
4390 Prosp.A	Verticale	0.353	0.986	Non necessaria	0	SLV 5	7.26	5.55	3.5845	152.31	888.82	0	152.31	2.5	0.0007679	20.9693	Si
4383 Prosp.A	Verticale	0.353	0.981	Non necessaria	0	SLV 5	7.22	1.5	0.9349	151.58	884.56	0	151.58	2.5	0.0007697	20.9972	Si

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
5797 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLU 7	-4.39	-115.63	-4.8601	92.57	466.69	0	92.57	2.5	0.0003848	21.0668	Si
6752 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLV 7	-3.59	-5.55	-1.4105	77.99	451.61	0	77.99	2.5	0.0003839	21.7027	Si
4101 Prosp.A	Orizzontale	0.337	0.7	Non necessaria	0	SLV 1	4.77	-13.59	-2.9347	106.64	605.19	0	106.64	2.5	0.0006158	22.3533	Si
5846 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLU 7	-6.65	40.11	-11.5235	150.35	865.94	0	150.35	2.5	0.0007697	22.618	Si
4050 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLV 11	-3.41	-0.18	-0.4633	77.28	450.88	0	77.28	2.5	0.0003848	22.6308	Si
6650 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLU 7	3.53	-21.53	-1.0242	80.11	453.8	0	80.11	2.5	0.0003848	22.6893	Si
5799 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLU 7	3.81	-94.27	-8.1471	89.74	463.76	0	89.74	2.5	0.0003848	23.5425	Si
4071 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLV 5	3.25	1.73	-0.1857	77.26	450.85	0	77.26	2.5	0.0003848	23.7555	Si
5189 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLU 7	6.76	-46.5	-2.59	160.67	908.07	0	160.67	2.5	0.0007697	23.7608	Si
4101 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLV 5	3.22	3.21	0.8054	77.26	450.85	0	77.26	2.5	0.0003839	23.963	Si
4390 Prosp.A	Orizzontale	0.337	0.7	Non necessaria	0	SLV 1	4.41	-8.55	-0.395	106	604.53	0	106	2.5	0.0006158	24.0358	Si
5530 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLU 7	-6.11	23.11	-4.9459	150.35	865.94	0	150.35	2.5	0.0007697	24.5945	Si
5538 Prosp.A	Orizzontale	0.337	0.7	Non necessaria	0	SLU 7	-4.21	43.43	-1.6977	104.92	603.41	0	104.92	2.5	0.0006158	24.9489	Si
4648 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLU 7	6.19	24.01	2.0035	154.52	901.7	0	154.52	2.5	0.0007697	24.9719	Si
6623 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLU 7	3.19	-36.25	-8.3474	82.06	455.81	0	82.06	2.5	0.0003848	25.7598	Si
4662 Prosp.A	Orizzontale	0.337	0.7	Non necessaria	0	SLV 7	4.08	-12.43	-0.8115	106.49	605.04	0	106.49	2.5	0.0006158	26.1276	Si
4369 Prosp.A	Verticale	0.353	0.971	Non necessaria	0	SLV 11	-5.69	1.56	-0.5874	150.11	875.99	0	150.11	2.5	0.0007697	26.392	Si
5180 Prosp.A	Orizzontale	0.337	0.5	Non necessaria	0	SLV 11	-3.18	-97.09	-3.5365	87.14	443.04	0	87.14	2.5	0.0004618	27.3854	Si
4937 Prosp.A	Orizzontale	0.337	0.7	Non necessaria	0	SLV 7	3.19	14.01	-0.8269	104.92	603.41	0	104.92	2.5	0.0006158	32.842	Si
6557 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLV 7	2.55	-49.48	0.519	83.81	457.63	0	83.81	2.5	0.0003848	32.9087	Si
4914 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLU 7	4.39	9.27	-3.5813	154.52	901.7	0	154.52	2.5	0.0007697	35.1842	Si
4631 Prosp.A	Orizzontale	0.337	0.5	Non necessaria	0	SLV 5	2.5	-106.08	-2.1466	88.27	444.22	0	88.27	2.5	0.0004618	35.2851	Si
5207 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLU 7	-4.22	-14.31	-2.1639	152.17	867.82	0	152.17	2.5	0.0007697	36.0448	Si
6593 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLU 3	-2.49	-101.48	-2.2933	90.69	464.75	0	90.69	2.5	0.0003848	36.3917	Si
4930 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLV 7	4	5.79	0.6171	150.35	865.94	0	150.35	2.5	0.0007697	37.6184	Si
4914 Prosp.A	Orizzontale	0.338	0.95	Non necessaria	0	SLV 11	-4.15	-144.79	-4.0075	160.82	838.63	0	160.82	2.5	0.0007697	38.7603	Si
4655 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLU 7	3.89	-13.3	-0.3196	152.04	867.69	0	152.04	2.5	0.0007697	39.129	Si
4904 Prosp.A	Orizzontale	0.337	0.5	Non necessaria	0	SLV 11	-2.05	-62.93	-2.2867	82.82	438.58	0	82.82	2.5	0.0004618	40.4456	Si
4376 Prosp.A	Verticale	0.353	0.976	Non necessaria	0	SLV 11	-3.41	-0.18	-0.4633	150.87	880.32	0	150.87	2.5	0.0007697	44.18	Si
4922 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLV 11	-3.62	-100.19	-3.5931	163.09	879.12	0	163.09	2.5	0.0007697	45.1016	Si
4640 Prosp.A	Orizzontale	0.338	0.95	Non necessaria	0	SLV 5	3.4	-139.97	-3.6043	160.21	838	0	160.21	2.5	0.0007697	47.1448	Si
4648 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLV 5	3.12	-76.21	-2.7935	160.04	875.96	0	160.04	2.5	0.0007697	51.2355	Si
5855 Prosp.A	Orizzontale	0.337	0.7	Non necessaria	0	SLV 11	1.84	27.57	-3.5775	104.92	603.41	0	104.92	2.5	0.0006158	57.1194	Si
5215 Prosp.A	Orizzontale	0.337	0.7	Non necessaria	0	SLV 9	-1.81	11.17	0.0528	104.92	603.41	0	104.92	2.5	0.0006158	58.1097	Si
4640 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLU 7	2.63	21.9	-4.2115	154.52	901.7	0	154.52	2.5	0.0007697	58.7983	Si

Verifiche a taglio SLD Resistenza D.M. 17-01-18 §4.1.2.3.5

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
3804 Prosp.A	Orizzontale	0.333	0.25	Non necessaria	0	SLD 3	15.8	-56.55	-5.3144	46.18	219.86	0	46.18	2.5	0.0003079	2.9221	Si
3807 Prosp.A	Orizzontale	0.333	0.25	Non necessaria	0	SLD 3	15.8	-56.55	-5.3144	46.18	219.86	0	46.18	2.5	0.0003079	2.9221	Si
4321 Prosp.A	Orizzontale	0.333	0.25	Non necessaria	0	SLD 3	15.8	-83.97	3.907	55.26	223.4	0	55.26	2.5	0.0004619	3.497	Si
4319 Prosp.A	Orizzontale	0.333	0.25	Non necessaria	0	SLD 3	15.8	-83.97	3.907	55.26	223.4	0	55.26	2.5	0.0004619	3.497	Si
5789 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLD 11	-17.62	39.88	10.4537	77.26	450.85	0	77.26	2.5	0.0003848	4.3853	Si
5787 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLD 15	14.35	-9.7	8.0219	78.54	452.18	0	78.54	2.5	0.0003848	5.4718	Si
5799 Prosp.A	Orizzontale	0.337	0.5	Non necessaria	0	SLD 7	-14.48	-166.92	-11.8722	95.96	452.17	0	95.96	2.5	0.0004618	6.6248	Si
5522 Prosp.A	Orizzontale	0.333	0.25	Non necessaria	0	SLD 13	-5.89	8.03	0.6581	39.12	212.56	0	39.12	2.5	0.0003079	6.6363	Si
5785 Prosp.A	Orizzontale	0.333	0.25	Non necessaria	0	SLD 13	-5.89	4.22	-2.128	39.12	212.56	0	39.12	2.5	0.0003079	6.6363	Si
5787 Prosp.A	Orizzontale	0.333	0.25	Non necessaria	0	SLD 13	-5.89	4.22	-2.128	39.12	212.56	0	39.12	2.5	0.0003079	6.6363	Si
5520 Prosp.A	Orizzontale	0.333	0.25	Non necessaria	0	SLD 13	-5.89	8.03	0.6581	39.12	212.56	0	39.12	2.5	0.0003079	6.6363	Si
6426 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLD 11	-11.8	-26.39	13.6408	80.75	454.46	0	80.75	2.5	0.0003848	6.8433	Si
5793 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLD 1	-8.63	-4.29	0.3561	77.83	451.44	0	77.83	2.5	0.0003848	9.0149	Si
5791 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLD 1	-8.63	-4.92	0.9753	77.91	451.52	0	77.91	2.5	0.0003848	9.0245	Si

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
5506 Prosp.A	Orizzontale	0.338	0.95	Non necessaria	0	SLD 7	-17.13	-278.13	-7.6459	177.71	856.1	0	177.71	2.5	0.0007697	10.3739	Si
4583 Prosp.A	Orizzontale	0.333	0.25	Non necessaria	0	SLD 3	3.87	-12.06	1.443	40.62	214.11	0	40.62	2.5	0.0003079	10.4961	Si
4581 Prosp.A	Orizzontale	0.333	0.25	Non necessaria	0	SLD 3	3.87	-12.06	1.443	40.62	214.11	0	40.62	2.5	0.0003079	10.4961	Si
5226 Prosp.A	Orizzontale	0.333	0.25	Non necessaria	0	SLD 7	3.7	13.37	-0.27	39.12	212.56	0	39.12	2.5	0.0003079	10.5667	Si
5224 Prosp.A	Orizzontale	0.333	0.25	Non necessaria	0	SLD 7	3.7	13.37	-0.27	39.12	212.56	0	39.12	2.5	0.0003079	10.5667	Si
6484 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLD 9	-7.22	-16.42	-1.702	79.43	453.1	0	79.43	2.5	0.0003848	11.0003	Si
6519 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLD 9	-7.22	-17.16	1.9108	79.53	453.2	0	79.53	2.5	0.0003848	11.0138	Si
5092 Prosp.A	Orizzontale	0.333	0.25	Non necessaria	0	SLD 3	3.52	-1.12	0.9645	39.26	212.7	0	39.26	2.5	0.0003079	11.1679	Si
5089 Prosp.A	Orizzontale	0.333	0.25	Non necessaria	0	SLD 3	3.52	-1.12	0.9645	39.26	212.7	0	39.26	2.5	0.0003079	11.1679	Si
4859 Prosp.A	Orizzontale	0.333	0.25	Non necessaria	0	SLD 3	3.52	-1.37	-0.9516	39.29	212.73	0	39.29	2.5	0.0003079	11.1767	Si
4857 Prosp.A	Orizzontale	0.333	0.25	Non necessaria	0	SLD 3	3.52	-1.37	-0.9516	39.29	212.73	0	39.29	2.5	0.0003079	11.1767	Si
5538 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLD 15	11.6	3.63	7.5771	154.52	901.7	0	154.52	2.5	0.0007679	13.3206	Si
5530 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLD 15	11.66	-11.8	3.1333	156.08	903.32	0	156.08	2.5	0.0007697	13.3883	Si
6454 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLD 5	5.9	-14.39	4.6157	79.16	452.82	0	79.16	2.5	0.0003848	13.4153	Si
5207 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLD 15	11.16	-5.88	3.59	155.3	902.51	0	155.3	2.5	0.0007697	13.9128	Si
5215 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLD 15	10.98	4.51	8.1166	154.52	901.7	0	154.52	2.5	0.0007679	14.0774	Si
4930 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLD 15	9.12	5.17	3.68	154.52	901.7	0	154.52	2.5	0.0007697	16.9376	Si
5817 Prosp.A	Orizzontale	0.338	1	Non necessaria	0	SLD 3	-9.52	-104.45	-14.822	163.21	876.48	0	163.21	2.5	0.0007697	17.1523	Si
4937 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLD 13	8.97	6.94	7.0692	154.52	901.7	0	154.52	2.5	0.0007679	17.2286	Si
4022 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLD 11	-4.17	-4.36	-0.2472	77.84	451.45	0	77.84	2.5	0.0003848	18.6718	Si
5817 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLD 7	9.42	-194.98	-1.4104	180.33	928.4	0	180.33	2.5	0.0007697	19.1473	Si
5495 Prosp.A	Orizzontale	0.337	0.5	Non necessaria	0	SLD 7	-4.88	-152.33	-4.7986	94.12	450.26	0	94.12	2.5	0.0004618	19.2814	Si
5515 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLD 15	8.35	-53.52	-0.1687	161.6	909.03	0	161.6	2.5	0.0007487	19.3632	Si
5855 Prosp.A	Verticale	0.353	0.986	Non necessaria	0	SLD 13	7.08	0.95	3.9304	152.31	888.82	0	152.31	2.5	0.0007679	21.5229	Si
4655 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLD 9	7.1	2.02	2.9055	154.52	901.7	0	154.52	2.5	0.0007697	21.7639	Si
4662 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLD 9	7.09	5.91	5.4787	154.52	901.7	0	154.52	2.5	0.0007679	21.8013	Si
5846 Prosp.A	Verticale	0.353	0.996	Non necessaria	0	SLD 13	7.01	-2.37	2.2675	154.22	898.47	0	154.22	2.5	0.0007697	22.0038	Si
5199 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLD 15	7.16	-30.64	1.2724	158.57	905.9	0	158.57	2.5	0.0007697	22.1372	Si
5831 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 3	-6.83	-6.95	-11.088	151.23	866.85	0	151.23	2.5	0.0007697	22.1395	Si
3998 Prosp.A	Orizzontale	0.337	0.5	Non necessaria	0	SLD 11	-3.29	45.87	1.5997	74.87	430.35	0	74.87	2.5	0.0004618	22.7716	Si
4050 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 1	7.15	-103.09	-6.8095	163.45	879.5	0	163.45	2.5	0.0007697	22.8601	Si
4361 Prosp.A	Orizzontale	0.337	0.5	Non necessaria	0	SLD 11	-3.27	55.39	-0.0232	74.87	430.35	0	74.87	2.5	0.0004618	22.881	Si
5831 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLD 7	7.33	-105.25	0.4804	168.45	916.11	0	168.45	2.5	0.0007697	22.9714	Si
4376 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 1	6.92	-94.41	-3.4428	162.35	878.36	0	162.35	2.5	0.0007697	23.4443	Si
5515 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 7	-6.52	-24.96	-6.423	153.52	869.22	0	153.52	2.5	0.0007697	23.5626	Si
4071 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 1	6.48	-53.32	-5.3206	157.13	872.95	0	157.13	2.5	0.0007697	24.2421	Si
5506 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLD 11	7.03	-147.35	-2.1495	174.02	921.88	0	174.02	2.5	0.0007697	24.7687	Si
4383 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 1	6.27	-50.09	-2.0293	156.72	872.53	0	156.72	2.5	0.0007697	24.9895	Si
5795 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLD 7	-3.78	-142.24	-2.3683	96.09	470.33	0	96.09	2.5	0.0003848	25.4233	Si
5797 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLD 7	-3.78	-149.17	-3.6833	97.01	471.28	0	97.01	2.5	0.0003848	25.6657	Si
5189 Prosp.A	Orizzontale	0.338	0.95	Non necessaria	0	SLD 7	-6.21	-176.84	-4.7343	164.88	842.83	0	164.88	2.5	0.0007697	26.5306	Si
4922 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLD 13	5.76	-0.17	1.8267	154.54	901.73	0	154.54	2.5	0.0007697	26.8154	Si
5199 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 7	-6.06	-102.76	-3.7831	163.41	879.45	0	163.41	2.5	0.0007697	26.9775	Si
4383 Prosp.A	Verticale	0.353	0.981	Non necessaria	0	SLD 5	5.45	3.21	1.8527	151.58	884.56	0	151.58	2.5	0.0007697	27.8032	Si
4390 Prosp.A	Verticale	0.353	0.986	Non necessaria	0	SLD 5	5.45	1.85	2.6507	152.31	888.82	0	152.31	2.5	0.0007679	27.9423	Si
6679 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLD 7	2.81	-25.34	-0.546	80.61	454.32	0	80.61	2.5	0.0003848	28.6389	Si
5799 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLD 7	3.18	-104.65	-5.6076	91.11	465.18	0	91.11	2.5	0.0003848	28.6763	Si
6706 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLD 7	-2.64	-3.91	1.8432	77.78	451.39	0	77.78	2.5	0.0003848	29.4883	Si
6650 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLD 7	2.76	-36.03	-2.3649	82.03	455.78	0	82.03	2.5	0.0003848	29.694	Si
6752 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLD 7	-2.53	-4	-1.136	77.79	451.4	0	77.79	2.5	0.0003839	30.7806	Si
4369 Prosp.A	Orizzontale	0.338	0.95	Non necessaria	0	SLD 1	4.79	-76.94	-3.1893	152.23	829.74	0	152.23	2.5	0.0007697	31.7548	Si

Vano di equalizzazione e sedimentazione meccanica

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrzd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
4022 Prosp.A	Orizzontale	0.338	0.95	Non necessaria	0	SLD 1	4.79	-87.61	-5.1812	153.58	831.14	0	153.58	2.5	0.0007697	32.0703	Si
4101 Prosp.A	Orizzontale	0.337	0.7	Non necessaria	0	SLD 1	3.21	-16.46	-2.2386	107	605.56	0	107	2.5	0.0006158	33.3674	Si
4071 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLD 5	2.31	1.1	0.7758	77.26	450.85	0	77.26	2.5	0.0003848	33.4175	Si
4390 Prosp.A	Orizzontale	0.337	0.7	Non necessaria	0	SLD 7	3.21	-18.86	-0.7837	107.31	605.88	0	107.31	2.5	0.0006158	33.4353	Si
4050 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLD 11	-2.32	-1.98	-0.4894	77.52	451.12	0	77.52	2.5	0.0003848	33.4402	Si
5180 Prosp.A	Orizzontale	0.337	0.5	Non necessaria	0	SLD 11	-2.56	-93.34	-3.026	86.66	442.55	0	86.66	2.5	0.0004618	33.8637	Si
4101 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLD 5	2.28	-1.06	0.4436	77.4	451	0	77.4	2.5	0.0003839	33.9254	Si
6623 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLD 7	2.42	-45.6	-5.7402	83.3	457.1	0	83.3	2.5	0.0003848	34.426	Si
5846 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 5	-4.34	13.51	-5.8297	150.35	865.94	0	150.35	2.5	0.0007697	34.6264	Si
4648 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLD 13	4.4	9.47	0.9168	154.52	901.7	0	154.52	2.5	0.0007697	35.1324	Si
4662 Prosp.A	Orizzontale	0.337	0.7	Non necessaria	0	SLD 7	2.98	-5.55	-0.5616	105.62	604.14	0	105.62	2.5	0.0006158	35.4605	Si
4369 Prosp.A	Verticale	0.353	0.971	Non necessaria	0	SLD 11	-4.23	-0.18	-0.5463	150.14	876.01	0	150.14	2.5	0.0007697	35.5125	Si
5189 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLD 11	4.38	-43.99	-1.7542	160.34	907.73	0	160.34	2.5	0.0007697	36.577	Si
5530 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 7	-3.92	16.04	-3.0414	150.35	865.94	0	150.35	2.5	0.0007697	38.3769	Si
5538 Prosp.A	Orizzontale	0.337	0.7	Non necessaria	0	SLD 9	-2.67	19.11	-0.7915	104.92	603.41	0	104.92	2.5	0.0006158	39.3604	Si
6557 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLD 7	-2.02	-90.93	-1.771	89.3	463.3	0	89.3	2.5	0.0003848	44.105	Si
6593 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLD 7	-2.02	-96	-2.3027	89.97	464	0	89.97	2.5	0.0003848	44.4363	Si
5207 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 7	-3.19	-4.21	-1.4906	150.88	866.49	0	150.88	2.5	0.0007697	47.2795	Si
4655 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 7	3.18	-10.21	0.3557	151.65	867.28	0	151.65	2.5	0.0007697	47.6712	Si
4937 Prosp.A	Orizzontale	0.337	0.7	Non necessaria	0	SLD 7	2.14	13.64	-0.5557	104.92	603.41	0	104.92	2.5	0.0006158	48.9318	Si
4930 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 7	2.93	7.35	0.3697	150.35	865.94	0	150.35	2.5	0.0007697	51.3765	Si
4914 Prosp.A	Orizzontale	0.338	0.95	Non necessaria	0	SLD 11	-3.04	-142.15	-3.5944	160.49	838.28	0	160.49	2.5	0.0007697	52.7773	Si
4914 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLD 15	2.73	7.61	-2.4261	154.52	901.7	0	154.52	2.5	0.0007697	56.6435	Si
4376 Prosp.A	Verticale	0.353	0.976	Non necessaria	0	SLD 9	2.62	-1.83	-0.5746	151.09	880.54	0	151.09	2.5	0.0007697	57.6454	Si
4922 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 11	-2.69	-93.98	-3.0827	162.3	878.3	0	162.3	2.5	0.0007697	60.3853	Si
4631 Prosp.A	Orizzontale	0.337	0.5	Non necessaria	0	SLD 5	1.37	-77.83	-1.9783	84.7	440.53	0	84.7	2.5	0.0004618	61.8058	Si
4904 Prosp.A	Orizzontale	0.337	0.5	Non necessaria	0	SLD 11	-1.29	-71.07	-2.1032	83.85	439.64	0	83.85	2.5	0.0004618	65.1426	Si
4640 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLD 13	1.76	7.98	-2.8733	154.52	901.7	0	154.52	2.5	0.0007697	87.9346	Si
4640 Prosp.A	Orizzontale	0.338	0.95	Non necessaria	0	SLD 5	1.8	-127.07	-3.3348	158.58	836.31	0	158.58	2.5	0.0007697	88.1823	Si
5215 Prosp.A	Orizzontale	0.337	0.7	Non necessaria	0	SLD 9	-1.19	17.39	-0.3483	104.92	603.41	0	104.92	2.5	0.0006158	88.4462	Si
4648 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 5	1.75	-81.22	-2.7412	160.67	876.62	0	160.67	2.5	0.0007697	92.0008	Si
5855 Prosp.A	Orizzontale	0.337	0.7	Non necessaria	0	SLD 11	0.98	22.35	-3.0968	104.92	603.41	0	104.92	2.5	0.0006158	106.5671	Si

Verifiche SLE tensione calcestruzzo D.M. 17-01-18 §4.1.2.2.5.1

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	σc	σc limite	Es/Ec	c.s.	Verifica
5799 Prosp.A	Orizzontale	SLE QP 4	-10.3616	-132.74	No	-1322	13073	15	9.8873	Si
5797 Prosp.A	Verticale	SLE QP 2	-4.5837	-201.37	No	-1264	13073	15	10.3416	Si
5799 Prosp.A	Orizzontale	SLE RA 7	-12.5025	-142.77	No	-1515	17430	15	11.5058	Si
5799 Prosp.A	Verticale	SLE QP 2	-4.3246	-171.42	No	-1105	13073	15	11.8321	Si
4321 Prosp.A	Orizzontale	SLE QP 2	3.1705	-78.79	No	-1054	13073	15	12.4006	Si
4319 Prosp.A	Orizzontale	SLE QP 2	3.1705	-78.79	No	-1054	13073	15	12.4006	Si
3804 Prosp.A	Orizzontale	SLE QP 1	-4.2266	-51.5	No	-1017	13073	15	12.8509	Si
3807 Prosp.A	Orizzontale	SLE QP 1	-4.2266	-51.5	No	-1017	13073	15	12.8509	Si
5797 Prosp.A	Verticale	SLE RA 3	-5.3438	-197.13	No	-1296	17430	15	13.4516	Si
5495 Prosp.A	Orizzontale	SLE QP 4	-4.1303	-126.7	No	-868	13073	15	15.0535	Si
5799 Prosp.A	Verticale	SLE RA 3	-5.0156	-166.4	No	-1128	17430	15	15.4501	Si
6593 Prosp.A	Verticale	SLE QP 4	-5.3421	-100.98	No	-841	13073	15	15.5417	Si
5506 Prosp.A	Orizzontale	SLE QP 4	-6.8205	-221.57	No	-794	13073	15	16.4571	Si
4321 Prosp.A	Orizzontale	SLE RA 4	3.1678	-78.84	No	-1054	17430	15	16.5326	Si
4319 Prosp.A	Orizzontale	SLE RA 4	3.1678	-78.84	No	-1054	17430	15	16.5326	Si
3804 Prosp.A	Orizzontale	SLE RA 1	-4.2266	-51.5	No	-1017	17430	15	17.1345	Si
3807 Prosp.A	Orizzontale	SLE RA 1	-4.2266	-51.5	No	-1017	17430	15	17.1345	Si
6426 Prosp.A	Verticale	SLE QP 4	9.8736	-16.28	No	-749	13073	15	17.4457	Si
5817 Prosp.A	Orizzontale	SLE QP 4	-14.8389	-97.46	No	-743	13073	15	17.5831	Si
5495 Prosp.A	Orizzontale	SLE RA 7	-4.9061	-137.98	No	-974	17430	15	17.9033	Si
5795 Prosp.A	Verticale	SLE QP 2	-2.3058	-116.89	No	-710	13073	15	18.4233	Si
6623 Prosp.A	Verticale	SLE QP 4	-5.0083	-71.88	No	-681	13073	15	19.2009	Si
5506 Prosp.A	Orizzontale	SLE RA 7	-8.0786	-237.11	No	-878	17430	15	19.8432	Si
6593 Prosp.A	Verticale	SLE RA 7	-6.2794	-95.26	No	-878	17430	15	19.8542	Si
5817 Prosp.A	Orizzontale	SLE RA 7	-17.8858	-108.37	No	-875	17430	15	19.9265	Si
6484 Prosp.A	Verticale	SLE QP 4	6.3088	-41.39	No	-625	13073	15	20.9074	Si
6426 Prosp.A	Verticale	SLE RA 7	10.6271	-16.37	No	-801	17430	15	21.7585	Si
6454 Prosp.A	Verticale	SLE QP 3	6.5172	-32.91	No	-599	13073	15	21.8096	Si
5180 Prosp.A	Orizzontale	SLE QP 4	-2.5172	-88.66	No	-582	13073	15	22.4543	Si
6557 Prosp.A	Verticale	SLE QP 2	-2.4752	-82.86	No	-560	13073	15	23.3344	Si
5189 Prosp.A	Orizzontale	SLE QP 4	-4.2517	-158.08	No	-544	13073	15	24.013	Si
6623 Prosp.A	Verticale	SLE RA 7	-5.9117	-65.59	No	-713	17430	15	24.4591	Si
5795 Prosp.A	Verticale	SLE RA 4	-2.4294	-115.7	No	-712	17430	15	24.467	Si
6519 Prosp.A	Verticale	SLE QP 4	-3.3431	-61.68	No	-519	13073	15	25.176	Si

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	oc	oc limite	Es/Ec	c.s.	Verifica
5787 Prosp.A	Verticale	SLE QP 3	6.9144	-7.63	No	-507	13073	15	25.7882	Si
5791 Prosp.A	Verticale	SLE QP 2	5.8392	-23.02	No	-506	13073	15	25.8112	Si
5180 Prosp.A	Orizzontale	SLE RA 7	-2.9533	-100.88	No	-668	17430	15	26.0737	Si
4904 Prosp.A	Orizzontale	SLE QP 4	-1.8809	-78.1	No	-490	13073	15	26.6864	Si
6484 Prosp.A	Verticale	SLE RA 7	7.0268	-35.98	No	-649	17430	15	26.8724	Si
5793 Prosp.A	Verticale	SLE QP 4	-3.2813	-55.15	No	-484	13073	15	27.0016	Si
6454 Prosp.A	Verticale	SLE RA 6	7.2788	-30.13	No	-638	17430	15	27.3145	Si
5189 Prosp.A	Orizzontale	SLE RA 7	-4.977	-175.83	No	-615	17430	15	28.3628	Si
4914 Prosp.A	Orizzontale	SLE QP 4	-3.1689	-138.07	No	-456	13073	15	28.686	Si
4050 Prosp.A	Orizzontale	SLE QP 4	-5.2902	-111.67	No	-447	13073	15	29.2451	Si
5789 Prosp.A	Verticale	SLE QP 4	8.3046	25.49	No	-445	13073	15	29.3752	Si
4904 Prosp.A	Orizzontale	SLE RA 7	-2.1929	-91.21	No	-572	17430	15	30.4819	Si
6557 Prosp.A	Verticale	SLE RA 4	-2.5947	-82.26	No	-566	17430	15	30.8199	Si
6519 Prosp.A	Verticale	SLE QP 2	2.9041	-47.79	No	-424	13073	15	30.856	Si
5787 Prosp.A	Verticale	SLE RA 6	7.6654	-8.15	No	-561	17430	15	31.096	Si
5831 Prosp.A	Orizzontale	SLE QP 4	-11.3205	-11.53	No	-419	13073	15	31.1993	Si
6519 Prosp.A	Verticale	SLE RA 7	-3.9648	-55.37	No	-532	17430	15	32.7786	Si
4640 Prosp.A	Orizzontale	SLE QP 4	-3.0811	-115.69	No	-397	13073	15	32.9029	Si
4914 Prosp.A	Orizzontale	SLE RA 7	-3.6975	-156.78	No	-521	17430	15	33.4509	Si
5789 Prosp.A	Verticale	SLE RA 7	9.017	20.4	No	-518	17430	15	33.6746	Si
5791 Prosp.A	Verticale	SLE RA 4	6.099	-21.21	No	-516	17430	15	33.804	Si
5831 Prosp.A	Orizzontale	SLE RA 7	-13.5412	-18.4	No	-512	17430	15	34.0366	Si
6650 Prosp.A	Verticale	SLE QP 4	-4.0678	-21.31	No	-378	13073	15	34.6046	Si
4050 Prosp.A	Orizzontale	SLE RA 7	-6.3145	-114.72	No	-490	17430	15	35.5951	Si
4361 Prosp.A	Orizzontale	SLE QP 4	-1.9696	-49.76	No	-365	13073	15	35.8365	Si
4631 Prosp.A	Orizzontale	SLE QP 4	-1.8196	-50.94	No	-360	13073	15	36.3098	Si
5793 Prosp.A	Verticale	SLE RA 8	-3.6108	-49.08	No	-478	17430	15	36.4711	Si
4369 Prosp.A	Orizzontale	SLE QP 4	-3.5982	-91.82	No	-357	13073	15	36.5957	Si
4376 Prosp.A	Orizzontale	SLE QP 4	-3.1358	-101.43	No	-348	13073	15	37.5387	Si
4640 Prosp.A	Orizzontale	SLE RA 7	-3.6144	-134.55	No	-463	17430	15	37.6289	Si
4022 Prosp.A	Orizzontale	SLE QP 4	-3.266	-92.73	No	-347	13073	15	37.6307	Si
4361 Prosp.A	Orizzontale	SLE RA 7	-2.3266	-64.41	No	-457	17430	15	38.1415	Si
4631 Prosp.A	Orizzontale	SLE RA 7	-2.1246	-65.29	No	-447	17430	15	38.9726	Si
5199 Prosp.A	Orizzontale	SLE QP 4	-3.2886	-90.47	No	-328	13073	15	39.9005	Si
6519 Prosp.A	Verticale	SLE RA 4	3.0813	-47.77	No	-436	17430	15	40.0094	Si
4369 Prosp.A	Orizzontale	SLE RA 7	-4.2575	-112.22	No	-431	17430	15	40.3957	Si
5506 Prosp.A	Verticale	SLE QP 2	-1.4121	-112.73	No	-315	13073	15	41.564	Si
6650 Prosp.A	Verticale	SLE RA 7	-4.8582	-17.57	No	-414	17430	15	42.1152	Si
4648 Prosp.A	Orizzontale	SLE QP 4	-2.6978	-86.85	No	-299	13073	15	43.7728	Si
4922 Prosp.A	Orizzontale	SLE QP 4	-2.5966	-87.09	No	-296	13073	15	44.2077	Si
4022 Prosp.A	Orizzontale	SLE RA 7	-3.9023	-101.34	No	-392	17430	15	44.4937	Si
5817 Prosp.A	Verticale	SLE QP 1	0.363	-118.55	No	-293	13073	15	44.6819	Si
5817 Prosp.A	Verticale	SLE QP 4	-2.231	-90.3	No	-289	13073	15	45.1727	Si
4376 Prosp.A	Orizzontale	SLE RA 7	-3.7329	-106.77	No	-382	17430	15	45.6847	Si
5793 Prosp.A	Verticale	SLE QP 1	0.7333	-48.12	No	-277	13073	15	47.1261	Si
5199 Prosp.A	Orizzontale	SLE RA 7	-3.7537	-99.13	No	-364	17430	15	47.8572	Si
5515 Prosp.A	Orizzontale	SLE QP 4	-5.6941	-32.16	No	-273	13073	15	47.8758	Si
4071 Prosp.A	Orizzontale	SLE QP 4	-3.5716	-57.34	No	-259	13073	15	50.4467	Si
4648 Prosp.A	Orizzontale	SLE RA 7	-3.1073	-96.24	No	-335	17430	15	52.0304	Si
4922 Prosp.A	Orizzontale	SLE RA 7	-2.9674	-96.68	No	-331	17430	15	52.6272	Si
4581 Prosp.A	Orizzontale	SLE QP 2	1.1294	-10.92	No	-247	13073	15	52.9463	Si
4583 Prosp.A	Orizzontale	SLE QP 2	1.1294	-10.92	No	-247	13073	15	52.9463	Si
5515 Prosp.A	Verticale	SLE QP 2	1.0083	-88.93	No	-245	13073	15	53.3738	Si
5515 Prosp.A	Orizzontale	SLE RA 7	-6.6845	-39.85	No	-326	17430	15	53.5475	Si
5506 Prosp.A	Verticale	SLE RA 3	-1.6458	-112.62	No	-322	17430	15	54.0921	Si
5215 Prosp.A	Verticale	SLE QP 4	7.2142	2.98	No	-239	13073	15	54.7776	Si
5817 Prosp.A	Verticale	SLE RA 7	-2.7161	-86.78	No	-298	17430	15	58.5729	Si
5538 Prosp.A	Verticale	SLE QP 4	6.6936	2.3	No	-223	13073	15	58.7433	Si
5817 Prosp.A	Verticale	SLE RA 2	0.4411	-119.13	No	-297	17430	15	58.7702	Si
5506 Prosp.A	Verticale	SLE QP 1	0.2651	-90.27	No	-222	13073	15	58.784	Si
5215 Prosp.A	Verticale	SLE RA 7	9.0327	5.42	No	-295	17430	15	59.1214	Si
4071 Prosp.A	Orizzontale	SLE RA 7	-4.2928	-57.08	No	-283	17430	15	61.4888	Si
4321 Prosp.A	Orizzontale	SLE QP 2	-0.9754	-10.54	No	-211	13073	15	61.9915	Si
4319 Prosp.A	Orizzontale	SLE QP 2	-0.9754	-10.54	No	-211	13073	15	61.9915	Si
5793 Prosp.A	Verticale	SLE RA 1	0.7333	-48.12	No	-277	17430	15	62.8347	Si
5538 Prosp.A	Verticale	SLE RA 7	8.5393	5.8	No	-277	17430	15	62.9021	Si

Verifiche SLE tensione acciaio D.M. 17-01-18 §4.1.2.2.5.2

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	of	of limite	Es/Ec	c.s.	Verifica
5789 Prosp.A	Verticale	SLE RA 2	7.7097	38.59	No	8761	360000	15	41.0918	Si
6426 Prosp.A	Verticale	SLE RA 7	10.6271	-16.37	No	7144	360000	15	50.3943	Si
5791 Prosp.A	Verticale	SLE RA 7	6.2981	22.18	No	6494	360000	15	55.4351	Si
5495 Prosp.A	Orizzontale	SLE RA 10	-4.1666	-121.78	No	-5482	360000	15	65.6691	Si
5787 Prosp.A	Verticale	SLE RA 6	7.6654	-8.15	No	5412	360000	15	66.5165	Si
5506 Prosp.A	Orizzontale	SLE RA 10	-6.7957	-213.21	No	-5315	360000	15	67.7338	Si
5785 Prosp.A	Orizzontale	SLE RA 1	-1.5266	24.9	No	5313	360000	15	67.7531	Si
5787 Prosp.A	Orizzontale	SLE RA 1	-1.5266	24.9	No	5313	360000	15	67.7531	Si
5520 Prosp.A	Orizzontale	SLE RA 2	0.6615	30.94	No	4957	360000	15	72.6277	Si
5522 Prosp.A	Orizzontale	SLE RA 2	0.6615	30.94	No	4957	360000	15	72.6277	Si
5831 Prosp.A	Orizzontale	SLE RA 7	-13.5412	-18.4	No	4233	360000	15	85.0532	Si
5846 Prosp.A	Orizzontale	SLE RA 7	-8.1168	27.23	No	3894	360000	15	92.4597	Si
5215 Prosp.A	Verticale	SLE RA 7	9.0327	5.42	No	3722	360000	15	96.7219	Si
5189 Prosp.A	Orizzontale	SLE RA 1	-3.0863	-130.21	No	-3649	360000	15	98.6573	Si
6454 Prosp.A	Verticale	SLE RA 6	7.2788	-30.13	No	3551	360000	15	101.3753	Si
5538 Prosp.A	Verticale	SLE RA 7	8.5393	5.8	No	3543	360000	15	101.6092	Si
5180 Prosp.A	Orizzontale	SLE RA 1	-1.8124	-68.82	No	-3485	360000	15	103.3108	Si
5797 Prosp.A	Verticale	SLE RA 7	-3.6935	-89.51	No	-3461	360000	15	104.027	Si
4937 Prosp.A	Verticale	SLE RA 7	7.8493	9.35	No	3399	360000	15	105.9126	Si
6484 Prosp.A	Verticale	SLE RA 7	6.0335	-21.35	No	3201	360000	15	112.4808	Si
4914 Prosp.A	Orizzontale	SLE RA 1	-2.309	-107.85	No	-3116	360000	15	115.537	Si
4904 Prosp.A	Orizzontale	SLE RA 1	-1.3703	-56.25	No	-2927	360000	15	122.997	Si
6623 Prosp.A	Verticale	SLE RA 7	-5.8696	-23.84	No	2896	360000	15	124.3104	Si
5793 Prosp.A	Verticale	SLE RA 7	-1.5342	21.01	No	2689	360000	15	133.9006	Si
5817 Prosp.A	Orizzontale	SLE RA 7	-17.8858	-108.37	No	2637	360000	15	136.5194	Si
4662 Prosp.A	Verticale	SLE RA 7	5.6502	10.57	No	2583	360000	15	139.3807	Si
5506 Prosp.A	Verticale	SLE RA 7	0.3946	-76.9	No	-2572	360000	15	139.9603	Si
6650 Prosp.A	Verticale	SLE RA 7	-4.8582	-17.57	No	2551	360000	15	141.1327	Si
5855 Prosp.A	Orizzontale	SLE RA 7	-3.0618	18.53	No	2488	360000	15	144.6996	Si

Vano di equalizzazione e sedimentazione meccanica

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	of	of limite	Es/Ec	c.s.	Verifica
4640 Prosp.A	Orizzontale	SLE RA 1	-2.1899	-84.54	No	-2299	360000	15	156.6113	Si
5530 Prosp.A	Orizzontale	SLE RA 7	-3.5688	24.98	No	2173	360000	15	165.6681	Si
4655 Prosp.A	Verticale	SLE RA 7	4.2329	14.03	No	2151	360000	15	167.3506	Si
4022 Prosp.A	Orizzontale	SLE RA 10	-3.0601	-89.24	No	-2143	360000	15	167.9789	Si
3998 Prosp.A	Orizzontale	SLE RA 1	0.3104	27.55	No	2133	360000	15	168.7653	Si
4930 Prosp.A	Verticale	SLE RA 7	5.0277	4.33	No	2118	360000	15	169.9842	Si
5538 Prosp.A	Orizzontale	SLE RA 7	-1.1747	30.27	No	2110	360000	15	170.6474	Si
6679 Prosp.A	Verticale	SLE RA 7	-2.2709	4.49	No	2093	360000	15	172.0031	Si
4361 Prosp.A	Orizzontale	SLE RA 1	-1.2463	15.82	No	1986	360000	15	181.2704	Si
5855 Prosp.A	Verticale	SLE RA 7	4.7011	1.86	No	1928	360000	15	186.7131	Si
6706 Prosp.A	Verticale	SLE RA 7	2.5678	-1.84	No	1876	360000	15	191.8836	Si
5520 Prosp.A	Orizzontale	SLE RA 1	-0.4033	10.1	No	1868	360000	15	192.7492	Si
5522 Prosp.A	Orizzontale	SLE RA 1	-0.4033	10.1	No	1868	360000	15	192.7492	Si
4648 Prosp.A	Orizzontale	SLE RA 1	-2.0026	-72.51	No	-1848	360000	15	194.7844	Si
6593 Prosp.A	Verticale	SLE RA 7	-6.2794	-95.26	No	-1847	360000	15	194.8677	Si
4922 Prosp.A	Orizzontale	SLE RA 1	-1.9961	-72.21	No	-1840	360000	15	195.6463	Si
5199 Prosp.A	Orizzontale	SLE RA 1	-2.523	-77.27	No	-1829	360000	15	196.7808	Si
4376 Prosp.A	Orizzontale	SLE RA 10	-3.0853	-82.91	No	-1826	360000	15	197.1157	Si
4050 Prosp.A	Orizzontale	SLE RA 7	-6.3145	-114.72	No	-1789	360000	15	201.1903	Si
4369 Prosp.A	Verticale	SLE RA 3	-1.6195	28.96	No	1705	360000	15	211.1777	Si
4640 Prosp.A	Verticale	SLE RA 7	-3.0082	13.73	No	1662	360000	15	216.5886	Si
5215 Prosp.A	Orizzontale	SLE RA 7	-0.6093	26.06	No	1611	360000	15	223.4875	Si
5207 Prosp.A	Verticale	SLE RA 7	4.4472	-4.75	No	1569	360000	15	229.3999	Si
5089 Prosp.A	Orizzontale	SLE RA 1	0.2874	8.54	No	1508	360000	15	238.7464	Si
5092 Prosp.A	Orizzontale	SLE RA 1	0.2874	8.54	No	1508	360000	15	238.7464	Si
5846 Prosp.A	Verticale	SLE RA 7	4.2156	-5	No	1475	360000	15	244.0848	Si
4022 Prosp.A	Verticale	SLE RA 4	-0.3903	14.46	No	1330	360000	15	270.6213	Si
4050 Prosp.A	Verticale	SLE RA 7	-1.6912	-0.43	No	1291	360000	15	278.9124	Si
5092 Prosp.A	Orizzontale	SLE RA 1	-0.664	2.94	No	1272	360000	15	282.959	Si
5089 Prosp.A	Orizzontale	SLE RA 1	-0.664	2.94	No	1272	360000	15	282.959	Si
4922 Prosp.A	Verticale	SLE RA 7	2.8525	4.3	No	1267	360000	15	284.1595	Si
5224 Prosp.A	Orizzontale	SLE RA 1	0.7491	1.86	No	1242	360000	15	289.7689	Si
5226 Prosp.A	Orizzontale	SLE RA 1	0.7491	1.86	No	1242	360000	15	289.7689	Si
4914 Prosp.A	Verticale	SLE RA 7	-2.5253	6.03	No	1201	360000	15	299.8663	Si
4383 Prosp.A	Verticale	SLE RA 7	2.1924	8.69	No	1186	360000	15	303.6603	Si
6557 Prosp.A	Verticale	SLE RA 7	0.319	-20.13	No	-1178	360000	15	305.6393	Si
4648 Prosp.A	Verticale	SLE RA 7	1.8287	12.79	No	1168	360000	15	308.1903	Si
5530 Prosp.A	Verticale	SLE RA 7	3.7574	-9.13	No	1144	360000	15	314.5918	Si
4022 Prosp.A	Orizzontale	SLE RA 1	0.3104	27.55	No	1137	360000	15	316.6054	Si
4390 Prosp.A	Verticale	SLE RA 7	2.6555	1.6	No	1109	360000	15	324.59	Si
6706 Prosp.A	Verticale	SLE RA 7	-1.5854	-1.86	No	1107	360000	15	325.1596	Si
3804 Prosp.A	Orizzontale	SLE RA 10	-3.9867	-48.6	No	-1094	360000	15	329.022	Si
3807 Prosp.A	Orizzontale	SLE RA 10	-3.9867	-48.6	No	-1094	360000	15	329.022	Si
3998 Prosp.A	Orizzontale	SLE RA 1	-0.5096	-20.75	No	-1077	360000	15	334.2114	Si
5226 Prosp.A	Orizzontale	SLE RA 1	-0.5925	2.01	No	1054	360000	15	341.6934	Si
5224 Prosp.A	Orizzontale	SLE RA 1	-0.5925	2.01	No	1054	360000	15	341.6934	Si
4937 Prosp.A	Orizzontale	SLE RA 7	-0.5241	15.56	No	1044	360000	15	344.9018	Si
5515 Prosp.A	Orizzontale	SLE RA 6	-6.2792	-35.08	No	1021	360000	15	352.4387	Si
5799 Prosp.A	Orizzontale	SLE RA 7	-12.5025	-142.77	No	-1000	360000	15	359.9183	Si
4376 Prosp.A	Verticale	SLE RA 3	-1.555	10.23	No	992	360000	15	362.8661	Si
4859 Prosp.A	Orizzontale	SLE RA 1	0.4029	3.45	No	991	360000	15	363.1061	Si
4857 Prosp.A	Orizzontale	SLE RA 1	0.4029	3.45	No	991	360000	15	363.1061	Si
6519 Prosp.A	Verticale	SLE RA 7	-0.5922	7.37	No	986	360000	15	365.2535	Si
5831 Prosp.A	Verticale	SLE RA 7	-2.1549	3.7	No	973	360000	15	369.9089	Si
6519 Prosp.A	Verticale	SLE RA 5	3.064	-47.11	No	-946	360000	15	380.6434	Si
6679 Prosp.A	Verticale	SLE RA 7	1.0872	1.01	No	922	360000	15	390.6626	Si
4857 Prosp.A	Orizzontale	SLE RA 1	-0.8129	-1.29	No	912	360000	15	394.6607	Si
4859 Prosp.A	Orizzontale	SLE RA 1	-0.8129	-1.29	No	912	360000	15	394.6607	Si
6650 Prosp.A	Verticale	SLE RA 7	0.5174	6.79	No	886	360000	15	406.3458	Si
4631 Prosp.A	Orizzontale	SLE RA 1	-1.31	-25.83	No	-859	360000	15	419.1978	Si
5515 Prosp.A	Verticale	SLE RA 7	0.8193	-30.65	No	-767	360000	15	469.1043	Si
4071 Prosp.A	Verticale	SLE RA 7	0.9168	0.46	No	749	360000	15	480.4908	Si
4383 Prosp.A	Orizzontale	SLE RA 7	-2.7756	-48.05	No	-702	360000	15	512.6072	Si
4655 Prosp.A	Orizzontale	SLE RA 10	-0.6595	-25.72	No	-674	360000	15	534.2053	Si
4319 Prosp.A	Orizzontale	SLE RA 1	0.855	-13.87	No	-642	360000	15	560.4882	Si
4321 Prosp.A	Orizzontale	SLE RA 1	0.855	-13.87	No	-642	360000	15	560.4882	Si
6752 Prosp.A	Verticale	SLE RA 7	0.854	-0.73	No	616	360000	15	584.735	Si
5793 Prosp.A	Verticale	SLE RA 3	1.6458	-26.18	No	-570	360000	15	631.0919	Si
5787 Prosp.A	Orizzontale	SLE RA 4	0.4904	-0.71	No	559	360000	15	643.9682	Si
5785 Prosp.A	Orizzontale	SLE RA 4	0.4904	-0.71	No	559	360000	15	643.9682	Si
5846 Prosp.A	Verticale	SLE RA 7	-1.5854	-1.86	No	556	360000	15	647.9995	Si

Parete FILI 20-21

Verifiche condotte secondo D.M. 17-01-18 (N.T.C.)

Geometria



Caratteristiche dei materiali

Acciaio: B450C Fyk 450000

Calcestruzzo: C28/35 Rck 35000

Livelli significativi

Descrizione breve	Descrizione	Quota	Spessore
L3	Piano campagna	0	0
L4	Livello soletta paratoie	2.2	0
L5	Livello stramazzi	2.62	0
L6	Livello coronamento	3.4	0

Verifiche nei nodi

Sezioni rettangolari

Descrizione	Dir.	Base	Altezza	As,sup	As,inf	c,sup	c,inf
5801 Prosp.A	Verticale	0.5	0.4	0.000308	0.000308	0.047	0.047
5802 Prosp.A	Verticale	0.5	0.4	0.000308	0.000308	0.047	0.047
5805 Prosp.A	Verticale	0.5	0.4	0.000308	0.000308	0.047	0.047
5804 Prosp.A	Verticale	0.5	0.4	0.000308	0.000308	0.047	0.047
5800 Prosp.A	Orizzontale	0.5	0.4	0.000616	0.000462	0.0973	0.0631
5806 Prosp.A	Orizzontale	0.5	0.4	0.000616	0.000462	0.0973	0.0631
5813 Prosp.A	Orizzontale	1	0.4	0.000904	0.00077	0.0827	0.0622
5814 Prosp.A	Orizzontale	1	0.4	0.000904	0.00077	0.0827	0.0622
5803 Prosp.A	Verticale	0.5	0.4	0.000308	0.000308	0.047	0.047
5800 Prosp.A	Verticale	0.5	0.4	0.000308	0.000308	0.047	0.047
5823 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
5824 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
5806 Prosp.A	Verticale	0.5	0.4	0.000308	0.000308	0.047	0.047
5828 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
5829 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
5835 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
5836 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
6738 Prosp.A	Verticale	0.5	0.4	0.000462	0.000462	0.047	0.047
5840 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
5841 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
6742 Prosp.A	Verticale	0.5	0.4	0.000462	0.000462	0.047	0.047
6736 Prosp.A	Verticale	0.5	0.4	0.000462	0.000462	0.047	0.047
5508 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
5509 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
6739 Prosp.A	Verticale	0.5	0.4	0.000462	0.000462	0.047	0.047
6744 Prosp.A	Verticale	0.5	0.4	0.000462	0.000462	0.047	0.047
5843 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
5844 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
6735 Prosp.A	Verticale	0.5	0.4	0.000462	0.000462	0.047	0.047
5512 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
5535 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
5851 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
5534 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
5513 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
5852 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
6741 Prosp.A	Verticale	0.5	0.4	0.000462	0.000462	0.047	0.047
5537 Prosp.A	Verticale	1	0.4	0.000768	0.000768	0.047	0.047
5502 Prosp.A	Orizzontale	1	0.4	0.000924	0.00077	0.0852	0.0622
5848 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
5849 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
5503 Prosp.A	Orizzontale	1	0.4	0.000924	0.00077	0.0852	0.0622
5214 Prosp.A	Verticale	1	0.4	0.000768	0.000768	0.047	0.047
5538 Prosp.A	Verticale	1	0.4	0.000768	0.000768	0.047	0.047

Descrizione	Dir.	Base	Altezza	As,sup	As,inf	c,sup	c,inf
6745 Prosp.A	Verticale	0.5	0.4	0.000462	0.000462	0.047	0.047
5215 Prosp.A	Verticale	1	0.4	0.000768	0.000768	0.047	0.047
6734 Prosp.A	Verticale	0.5	0.4	0.000462	0.000462	0.047	0.047
4095 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
5517 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
6737 Prosp.A	Verticale	0.5	0.4	0.000462	0.000462	0.047	0.047
5518 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
4089 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
4094 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
5497 Prosp.A	Orizzontale	0.5	0.4	0.000616	0.000462	0.0973	0.0631
4088 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
5496 Prosp.A	Orizzontale	0.5	0.4	0.000616	0.000462	0.0973	0.0631
4096 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
6740 Prosp.A	Verticale	0.5	0.4	0.000462	0.000462	0.047	0.047
5537 Prosp.A	Orizzontale	0.7001	0.4	0.00077	0.000616	0.09	0.0625
5538 Prosp.A	Orizzontale	0.7	0.4	0.00077	0.000616	0.09	0.0625
4097 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
4087 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
5213 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
6743 Prosp.A	Verticale	0.5	0.4	0.000462	0.000462	0.047	0.047
4098 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
5854 Prosp.A	Orizzontale	0.7001	0.4	0.00077	0.000616	0.09	0.0625
5855 Prosp.A	Orizzontale	0.7	0.4	0.00077	0.000616	0.09	0.0625
6746 Prosp.A	Verticale	0.5	0.4	0.000462	0.000462	0.047	0.047
6733 Prosp.A	Verticale	0.5	0.4	0.000462	0.000462	0.047	0.047
4936 Prosp.A	Verticale	1	0.4	0.000768	0.000768	0.047	0.047
4937 Prosp.A	Verticale	1	0.4	0.000768	0.000768	0.047	0.047
5212 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
4099 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
4086 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
5524 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
5525 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
4100 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
5828 Prosp.A	Verticale	1	0.4	0.00077	0.00077	0.047	0.047
5215 Prosp.A	Orizzontale	0.7	0.4	0.00077	0.000616	0.09	0.0625
4085 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
5823 Prosp.A	Verticale	1	0.4	0.00077	0.00077	0.047	0.047
5214 Prosp.A	Orizzontale	0.7001	0.4	0.00077	0.000616	0.09	0.0625
5813 Prosp.A	Verticale	1	0.4	0.00077	0.00077	0.047	0.047
5534 Prosp.A	Verticale	1	0.4	0.00077	0.00077	0.047	0.047
4084 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
5835 Prosp.A	Verticale	1	0.4	0.00077	0.00077	0.047	0.047
5824 Prosp.A	Verticale	1	0.4	0.00077	0.00077	0.047	0.047
4083 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
5532 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
5531 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
5212 Prosp.A	Verticale	1	0.4	0.00077	0.00077	0.047	0.047
6747 Prosp.A	Verticale	0.5	0.4	0.000462	0.000462	0.047	0.047
5535 Prosp.A	Verticale	1	0.4	0.00077	0.00077	0.047	0.047
5213 Prosp.A	Verticale	1	0.4	0.00077	0.00077	0.047	0.047
5527 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
6732 Prosp.A	Verticale	0.5	0.4	0.000462	0.000462	0.047	0.047
5528 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
5829 Prosp.A	Verticale	1	0.4	0.00077	0.00077	0.047	0.047
5814 Prosp.A	Verticale	1	0.4	0.00077	0.00077	0.047	0.047
5194 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
5193 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
5840 Prosp.A	Verticale	1	0.4	0.00077	0.00077	0.047	0.047
5836 Prosp.A	Verticale	1	0.4	0.00077	0.00077	0.047	0.047
5191 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
6748 Prosp.A	Verticale	0.5	0.4	0.000462	0.000462	0.047	0.047
5182 Prosp.A	Orizzontale	0.5	0.4	0.000616	0.000462	0.0973	0.0631
5190 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
5186 Prosp.A	Orizzontale	1	0.4	0.000924	0.00077	0.0852	0.0622
4935 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
5181 Prosp.A	Orizzontale	0.5	0.4	0.000616	0.000462	0.0973	0.0631
4091 Prosp.A	Orizzontale	0.5	0.4	0.000616	0.000462	0.0973	0.0631
5185 Prosp.A	Orizzontale	1	0.4	0.000924	0.00077	0.0852	0.0622
4906 Prosp.A	Orizzontale	0.5	0.4	0.000616	0.000462	0.0973	0.0631
4905 Prosp.A	Orizzontale	0.5	0.4	0.000616	0.000462	0.0973	0.0631
4092 Prosp.A	Orizzontale	0.5	0.4	0.000616	0.000462	0.0973	0.0631
4909 Prosp.A	Orizzontale	1	0.4	0.000924	0.00077	0.0852	0.0622
4908 Prosp.A	Orizzontale	1	0.4	0.000924	0.00077	0.0852	0.0622
4362 Prosp.A	Orizzontale	0.5	0.4	0.000616	0.000462	0.0973	0.0631
4363 Prosp.A	Orizzontale	0.5	0.4	0.000616	0.000462	0.0973	0.0631
4633 Prosp.A	Orizzontale	0.5	0.4	0.000616	0.000462	0.0973	0.0631
4632 Prosp.A	Orizzontale	0.5	0.4	0.000616	0.000462	0.0973	0.0631
4636 Prosp.A	Orizzontale	1	0.4	0.000924	0.00077	0.0852	0.0622
4912 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
4635 Prosp.A	Orizzontale	1	0.4	0.000924	0.00077	0.0852	0.0622
4911 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
4917 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
4638 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
4090 Prosp.A	Orizzontale	1	0.4	0.000924	0.00077	0.0852	0.0622
4365 Prosp.A	Orizzontale	1	0.4	0.000924	0.00077	0.0852	0.0622
4916 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
4637 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
4364 Prosp.A	Orizzontale	1	0.4	0.000924	0.00077	0.0852	0.0622
4093 Prosp.A	Orizzontale	1	0.4	0.000924	0.00077	0.0852	0.0622
5197 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
6731 Prosp.A	Verticale	0.5	0.4	0.000462	0.000462	0.047	0.047
5196 Prosp.A	Orizzontale	1	0.4	0.00077	0.00077	0.061	0.061
4662 Prosp.A	Verticale	1	0.4	0.000768	0.000768	0.047	0.047

Verifiche a flessione SLU D.M. 17-01-18 §4.1.2.3.4.2

La struttura è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione, per le combinazioni SLV, viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
5801 Prosp.A	Verticale	SLV 13	4.9299	71.06	11.5015	165.77	2.333	Si
5802 Prosp.A	Verticale	SLU 7	6.7392	64.29	16.4061	156.5	2.4344	Si

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
5805 Prosp.A	Verticale	SLV 3	7.0712	52.53	17.3289	128.74	2.4506	Si
5804 Prosp.A	Verticale	SLU 7	6.3693	60.92	16.3802	156.66	2.5717	Si
5800 Prosp.A	Orizzontale	SLV 11	33.2664	-73.45	87.4252	-193.03	2.6228	Si
5806 Prosp.A	Orizzontale	SLV 7	33.335	-76.57	89.0114	-204.46	2.6702	Si
5813 Prosp.A	Orizzontale	SLV 11	45.5084	-75.05	130.0523	-214.46	2.8578	Si
5814 Prosp.A	Orizzontale	SLV 7	45.5504	-76.41	130.7905	-219.4	2.8713	Si
5803 Prosp.A	Verticale	SLU 7	4.2586	58.79	12.7346	175.81	2.9904	Si
5800 Prosp.A	Verticale	SLV 13	-2.5319	63.63	-7.6084	191.22	3.005	Si
5823 Prosp.A	Orizzontale	SLU 7	46.8109	-75.53	142.2915	-229.58	3.0397	Si
5824 Prosp.A	Orizzontale	SLU 7	46.5429	-74.51	141.9396	-227.22	3.0497	Si
5806 Prosp.A	Verticale	SLV 3	-3.5488	48.75	-11.8847	163.27	3.3489	Si
5828 Prosp.A	Orizzontale	SLU 7	39.6459	-61.76	140.7678	-219.29	3.5506	Si
5829 Prosp.A	Orizzontale	SLU 7	39.4165	-61.76	141.0102	-220.96	3.5774	Si
5835 Prosp.A	Orizzontale	SLU 7	35.8806	-53.54	139.0053	-207.44	3.8741	Si
5836 Prosp.A	Orizzontale	SLU 7	35.6679	-53.89	139.4945	-210.75	3.9109	Si
6738 Prosp.A	Verticale	SLU 7	13.9454	10.74	56.3307	43.38	4.0394	Si
5840 Prosp.A	Orizzontale	SLU 7	31.2333	-49.17	141.2151	-222.32	4.5213	Si
5841 Prosp.A	Orizzontale	SLU 7	31.0274	-49.4	141.717	-225.65	4.5675	Si
6742 Prosp.A	Verticale	SLU 7	13.8758	-3	65.4822	-14.14	4.7191	Si
6736 Prosp.A	Verticale	SLU 7	8.445	30.43	40.1833	144.8	4.7582	Si
5508 Prosp.A	Orizzontale	SLV 7	30.5298	-70.69	145.8241	-337.64	4.7765	Si
5509 Prosp.A	Orizzontale	SLV 11	30.393	-70.93	146.4284	-341.74	4.8178	Si
6739 Prosp.A	Verticale	SLU 7	7.7839	28.07	40.1832	144.92	5.1623	Si
6744 Prosp.A	Verticale	SLU 7	8.0865	22.88	43.6078	123.39	5.3926	Si
5843 Prosp.A	Orizzontale	SLU 7	26.1361	-41.36	141.4383	-223.84	5.4116	Si
5844 Prosp.A	Orizzontale	SLU 7	25.9448	-41.21	141.6056	-224.93	5.4579	Si
6735 Prosp.A	Verticale	SLU 7	6.3288	30.62	53.6029	172.26	5.6255	Si
5512 Prosp.A	Orizzontale	SLV 7	25.4703	-57.7	144.2141	-326.71	5.6621	Si
5535 Prosp.A	Orizzontale	SLV 7	9.2025	43.87	52.4877	250.22	5.7036	Si
5851 Prosp.A	Orizzontale	SLV 11	10.4756	36.3	59.8413	207.38	5.7125	Si
5534 Prosp.A	Orizzontale	SLV 11	9.3091	42.75	53.3672	245.1	5.7328	Si
5513 Prosp.A	Orizzontale	SLV 11	25.3796	-58.55	145.558	-335.81	5.7352	Si
5852 Prosp.A	Orizzontale	SLV 7	10.3053	36.9	59.1112	211.67	5.736	Si
6741 Prosp.A	Verticale	SLV 3	5.0268	30.77	28.8647	176.68	5.7422	Si
5800 Prosp.A	Verticale	SLV 5	4.4994	12.27	27.0888	73.86	6.0206	Si
5537 Prosp.A	Verticale	SLU 7	-12.2463	29.87	-77.16	188.21	6.3007	Si
5502 Prosp.A	Orizzontale	SLV 11	34.339	-133.56	218.2908	-849.04	6.3569	Si
5848 Prosp.A	Orizzontale	SLV 11	16.3952	-10.1	104.2759	-64.23	6.3602	Si
5849 Prosp.A	Orizzontale	SLV 7	16.2718	-9.7	103.922	-61.97	6.3866	Si
5503 Prosp.A	Orizzontale	SLV 7	34.7578	-138.59	223.8569	-892.56	6.4405	Si
5214 Prosp.A	Verticale	SLU 7	-12.6275	25.11	-81.365	161.8	6.4435	Si
5538 Prosp.A	Verticale	SLU 7	-11.9234	28.66	-77.4599	186.17	6.4965	Si
6745 Prosp.A	Verticale	SLU 7	6.0241	23.27	39.1605	151.25	6.5006	Si
5215 Prosp.A	Verticale	SLU 7	-12.2936	24.54	-81.2769	162.22	6.6113	Si
6734 Prosp.A	Verticale	SLU 7	6.0123	21.98	39.9831	146.15	6.6503	Si
4095 Prosp.A	Orizzontale	SLV 5	20.91	-44.56	140.0378	-298.45	6.6972	Si
5517 Prosp.A	Orizzontale	SLV 7	21.6761	-49.99	145.5225	-335.58	6.7135	Si
6737 Prosp.A	Verticale	SLU 7	4.2869	30.83	29.0436	208.86	6.775	Si
5518 Prosp.A	Orizzontale	SLV 11	21.6841	-50.99	147.0075	-345.71	6.7795	Si
4089 Prosp.A	Orizzontale	SLV 9	20.5113	-44.14	140.6707	-302.71	6.8582	Si
4094 Prosp.A	Orizzontale	SLV 5	20.9669	-47.59	144.3552	-327.66	6.8849	Si
5497 Prosp.A	Orizzontale	SLV 7	19.3691	-80.07	133.626	-552.42	6.8989	Si
4088 Prosp.A	Orizzontale	SLV 9	20.109	-42.35	139.2772	-293.3	6.9261	Si
5496 Prosp.A	Orizzontale	SLV 11	19.1051	-78.34	132.5967	-543.74	6.9404	Si
4096 Prosp.A	Orizzontale	SLV 5	20.5078	-47.33	145.5757	-335.95	7.0985	Si
6740 Prosp.A	Verticale	SLU 3	2.857	34.9	20.7747	253.77	7.2714	Si
5537 Prosp.A	Orizzontale	SLV 11	3.5853	44.62	26.168	325.65	7.2986	Si
5538 Prosp.A	Orizzontale	SLV 7	3.5414	44.61	25.9754	327.24	7.3348	Si
4097 Prosp.A	Orizzontale	SLV 9	20.543	-51.19	151.7352	-378.07	7.3862	Si
4087 Prosp.A	Orizzontale	SLV 9	19.5636	-46.11	147.186	-346.91	7.5235	Si
5213 Prosp.A	Orizzontale	SLV 11	7.4183	30.07	56.289	228.16	7.5879	Si
6737 Prosp.A	Verticale	SLV 13	-1.3187	38.74	-10.0628	295.65	7.6311	Si
6743 Prosp.A	Verticale	SLU 7	4.2209	24.88	32.3419	190.61	7.6624	Si
4098 Prosp.A	Orizzontale	SLV 9	18.9774	-44.64	147.0254	-345.83	7.7474	Si
5854 Prosp.A	Orizzontale	SLV 11	4.0041	37.66	31.12	292.66	7.772	Si
5855 Prosp.A	Orizzontale	SLV 7	3.891	38	30.41	296.97	7.8155	Si
6746 Prosp.A	Verticale	SLU 7	5.7472	14.65	44.9849	114.68	7.8272	Si
6733 Prosp.A	Verticale	SLU 7	5.7822	14.06	45.5947	110.91	7.8853	Si
4936 Prosp.A	Verticale	SLU 7	-10.7468	16.51	-86.1077	132.3	8.0124	Si
4937 Prosp.A	Verticale	SLU 7	-10.6507	16.91	-85.5115	135.73	8.0297	Si
5212 Prosp.A	Orizzontale	SLV 7	7.3365	26.47	58.9387	212.67	8.0336	Si
4099 Prosp.A	Orizzontale	SLV 9	15.9702	-28.33	129.8577	-230.37	8.1312	Si
4086 Prosp.A	Orizzontale	SLV 9	18.6778	-46.89	152.3814	-382.51	8.1584	Si
5524 Prosp.A	Orizzontale	SLV 11	18.36	-44.99	150.3211	-368.37	8.1874	Si
5525 Prosp.A	Orizzontale	SLV 7	18.2768	-45	150.7101	-371.04	8.246	Si
4100 Prosp.A	Orizzontale	SLV 9	10.678	4.09	88.6312	33.91	8.3004	Si
5828 Prosp.A	Verticale	SLU 7	9.2609	22.03	77.8518	185.17	8.4065	Si
5215 Prosp.A	Orizzontale	SLV 11	1.8242	49.21	15.3798	414.9	8.4309	Si
4085 Prosp.A	Orizzontale	SLV 5	17.7423	-44.83	152.9653	-386.52	8.6215	Si
6743 Prosp.A	Verticale	SLV 3	-1.8554	29.79	-15.9989	256.85	8.623	Si
5823 Prosp.A	Verticale	SLU 7	8.7641	23.04	75.624	198.85	8.6288	Si
5214 Prosp.A	Orizzontale	SLV 7	1.7004	47.75	14.9136	418.76	8.7705	Si
5813 Prosp.A	Verticale	SLU 7	8.3811	23.28	74.3016	206.35	8.8654	Si
5534 Prosp.A	Verticale	SLU 7	-6.6444	31.69	-60.0522	286.42	9.0381	Si
4084 Prosp.A	Orizzontale	SLV 5	14.9916	-29.68	135.5556	-268.34	9.0421	Si
5835 Prosp.A	Verticale	SLU 7	9.1444	16.6	83.2903	151.17	9.1084	Si
5824 Prosp.A	Verticale	SLV 3	5.8401	28.31	53.9937	261.73	9.2453	Si
4083 Prosp.A	Orizzontale	SLV 5	10.0683	0.62	93.1646	5.74	9.2532	Si
5532 Prosp.A	Orizzontale	SLV 7	11.6047	-9.71	108.4388	-90.77	9.3444	Si
5531 Prosp.A	Orizzontale	SLV 11	11.7117	-10.52	109.6395	-98.47	9.3615	Si
5212 Prosp.A	Verticale	SLU 7	-6.1087	32.05	-57.3934	301.12	9.3954	Si
4089 Prosp.A	Orizzontale	SLV 11	-19.7204	-65.45	-185.2839	-614.93	9.3955	Si
6747 Prosp.A	Verticale	SLU 7	5.5741	7.22	52.4455	67.89	9.4088	Si
5535 Prosp.A	Verticale	SLU 7	-6.4777	29.04	-61.7764	276.92	9.5367	Si
5213 Prosp.A	Verticale	SLU 7	-6.0212	31.03	-57.8891	298.36	9.6142	Si
5527 Prosp.A	Orizzontale	SLV 11	15.146	-35.39	146.5085	-342.3	9.6731	Si
6732 Prosp.A	Verticale	SLU 7	5.7278	5.08	55.4249	49.12	9.6764	Si
5528 Prosp.A	Orizzontale	SLV 7	15.0638	-34.95	145.9839	-338.71	9.691	Si

Verifiche a flessione SLD Resistenza D.M. 17-01-18 §4.1.2.3.4.2

La struttura è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
5801 Prosp.A	Verticale	SLD 13	8.3876	36.93	22.588	99.45	2.693	Si
5805 Prosp.A	Verticale	SLD 3	9.746	20.72	29.1491	61.98	2.9909	Si
5802 Prosp.A	Verticale	SLD 15	5.1085	46.21	15.4639	139.87	3.0271	Si
5804 Prosp.A	Verticale	SLD 3	5.1052	40.85	16.6015	132.83	3.2519	Si
5800 Prosp.A	Orizzontale	SLD 11	28.2695	-71.76	93.5368	-237.44	3.3088	Si
5806 Prosp.A	Orizzontale	SLD 7	28.2129	-75.23	96.0836	-256.22	3.4057	Si
5813 Prosp.A	Orizzontale	SLD 11	38.8125	-70.43	134.4286	-243.94	3.4635	Si
5814 Prosp.A	Orizzontale	SLD 7	38.6952	-71.9	135.6157	-252	3.5047	Si
5823 Prosp.A	Orizzontale	SLD 7	33.1078	-48.12	121.7544	-176.97	3.6775	Si
5824 Prosp.A	Orizzontale	SLD 11	32.8536	-47.61	121.6516	-176.29	3.7028	Si
5803 Prosp.A	Verticale	SLD 1	2.3243	44.91	9.3178	180.05	4.0089	Si
5828 Prosp.A	Orizzontale	SLD 7	27.7922	-39.73	121.1781	-173.22	4.3601	Si
5829 Prosp.A	Orizzontale	SLD 11	27.6046	-39.87	121.5331	-175.54	4.4026	Si
5800 Prosp.A	Verticale	SLD 13	-2.6447	33.4	-12.5734	158.77	4.7541	Si
5835 Prosp.A	Orizzontale	SLD 7	24.9436	-33.64	119.2968	-160.9	4.7827	Si
5836 Prosp.A	Orizzontale	SLD 11	24.7882	-33.94	119.7652	-163.99	4.8315	Si
6738 Prosp.A	Verticale	SLD 13	7.1432	26.62	36.1839	134.86	5.0655	Si
6742 Prosp.A	Verticale	SLD 3	8.3059	16.25	44.358	86.78	5.3406	Si
5840 Prosp.A	Orizzontale	SLD 11	21.5911	-30.7	121.0048	-172.07	5.6044	Si
5841 Prosp.A	Orizzontale	SLD 7	21.4896	-30.79	121.2648	-173.77	5.643	Si
5806 Prosp.A	Verticale	SLD 3	-3.1286	20.62	-18.5269	122.09	5.9218	Si
5508 Prosp.A	Orizzontale	SLD 7	25.8436	-65.71	153.5139	-390.31	5.9401	Si
5509 Prosp.A	Orizzontale	SLD 11	25.6853	-65.76	154.1371	-394.6	6.001	Si
6736 Prosp.A	Verticale	SLD 11	5.8544	19.69	37.6191	126.53	6.4258	Si
6739 Prosp.A	Verticale	SLD 13	4.0531	29.78	26.139	192.08	6.4492	Si
5843 Prosp.A	Orizzontale	SLD 11	18.047	-24.92	120.0391	-165.75	6.6515	Si
5844 Prosp.A	Orizzontale	SLD 7	17.9432	-24.78	120.0469	-165.82	6.6904	Si
6741 Prosp.A	Verticale	SLD 3	4.7017	22.87	32.3062	157.16	6.8712	Si
5512 Prosp.A	Orizzontale	SLD 7	21.5864	-53.07	150.5924	-370.22	6.9763	Si
5852 Prosp.A	Orizzontale	SLD 7	8.61	29.36	60.1975	205.28	6.9916	Si
5851 Prosp.A	Orizzontale	SLD 11	8.7455	28.4	61.272	198.97	7.0061	Si
5535 Prosp.A	Orizzontale	SLD 7	7.2655	36.52	51.2265	257.51	7.0507	Si
6744 Prosp.A	Verticale	SLD 7	5.6653	15.95	40.0004	112.6	7.0607	Si
5513 Prosp.A	Orizzontale	SLD 11	21.4964	-53.7	151.9626	-379.6	7.0692	Si
5534 Prosp.A	Orizzontale	SLD 11	7.3366	34.88	52.5527	249.85	7.163	Si
6735 Prosp.A	Verticale	SLD 7	4.3354	20.92	32.4259	156.47	7.4793	Si
5848 Prosp.A	Orizzontale	SLD 11	14.1718	-11.19	107.5155	-84.89	7.5866	Si
5849 Prosp.A	Orizzontale	SLD 7	14.0563	-10.77	107.0669	-82.02	7.617	Si
5517 Prosp.A	Orizzontale	SLD 7	18.4034	-45.82	151.6716	-377.61	8.2415	Si
5518 Prosp.A	Orizzontale	SLD 11	18.3767	-46.62	153.3126	-388.92	8.3428	Si
6745 Prosp.A	Verticale	SLD 7	4.1655	16.81	35.0459	141.43	8.4135	Si
6734 Prosp.A	Verticale	SLD 11	4.0955	16.06	35.4636	139.03	8.6592	Si
5502 Prosp.A	Orizzontale	SLD 11	28.8402	-127.84	251.2754	-1113.81	8.7127	Si
5214 Prosp.A	Verticale	SLD 3	-8.1614	18.5	-71.1938	161.38	8.7233	Si
5537 Prosp.A	Verticale	SLD 3	-7.7145	20.85	-67.5672	182.57	8.7584	Si
5215 Prosp.A	Verticale	SLD 15	-7.97	18.19	-71.0519	162.15	8.9149	Si
6737 Prosp.A	Verticale	SLD 3	2.8096	21.95	25.2397	197.2	8.9832	Si
5503 Prosp.A	Orizzontale	SLD 7	29.0982	-133.6	261.7906	-1202.01	8.9968	Si
5538 Prosp.A	Orizzontale	SLD 7	2.8487	36.29	25.8028	328.68	9.0578	Si
5538 Prosp.A	Verticale	SLD 11	-7.4772	19.96	-67.8158	181.06	9.0697	Si
5537 Prosp.A	Orizzontale	SLD 11	2.8579	36	25.9799	327.22	9.0905	Si
5213 Prosp.A	Orizzontale	SLD 11	5.821	26.94	53.1867	246.15	9.1371	Si
5497 Prosp.A	Orizzontale	SLD 7	16.2175	-77.14	153.9033	-732.06	9.49	Si
5496 Prosp.A	Orizzontale	SLD 11	15.9854	-75.32	152.4033	-718.13	9.5339	Si
5855 Prosp.A	Orizzontale	SLD 7	3.1132	31.51	29.7447	301.03	9.5543	Si
5854 Prosp.A	Orizzontale	SLD 11	3.2051	30.88	30.6656	295.42	9.5679	Si
6740 Prosp.A	Verticale	SLD 1	1.86	25.04	18.0716	243.3	9.7157	Si
5212 Prosp.A	Orizzontale	SLD 11	5.9586	22.38	58.0317	217.99	9.7391	Si
6746 Prosp.A	Verticale	SLD 7	3.9535	12.08	38.9259	118.9	9.846	Si
5823 Prosp.A	Verticale	SLD 15	5.5932	24.67	56.3316	248.48	10.0714	Si
5524 Prosp.A	Orizzontale	SLD 11	15.5065	-41.02	157.2192	-415.9	10.1389	Si
5215 Prosp.A	Orizzontale	SLD 11	1.5585	40.5	15.826	411.21	10.1544	Si
6733 Prosp.A	Verticale	SLD 11	3.9237	11.13	39.9021	113.17	10.1696	Si
5525 Prosp.A	Orizzontale	SLD 7	15.4484	-41.27	158.1768	-422.57	10.2391	Si
6743 Prosp.A	Verticale	SLD 11	2.8238	16.61	29.4612	173.31	10.4332	Si
5214 Prosp.A	Orizzontale	SLD 11	1.4267	39.91	14.9572	418.39	10.4838	Si
4937 Prosp.A	Verticale	SLD 15	-6.9811	13.04	-74.8472	139.82	10.7214	Si
5828 Prosp.A	Verticale	SLD 15	5.7832	20.05	62.1158	215.38	10.7407	Si
4936 Prosp.A	Verticale	SLD 3	-7.0157	12.72	-75.3925	136.65	10.7463	Si
5800 Prosp.A	Verticale	SLD 9	1.1535	14.81	12.438	159.65	10.7825	Si
5813 Prosp.A	Verticale	SLD 15	5.0947	20.93	58.0737	238.53	11.3988	Si
6747 Prosp.A	Verticale	SLD 7	3.8175	7.33	44.5584	85.59	11.6721	Si
5532 Prosp.A	Orizzontale	SLD 7	9.6448	-10.17	112.8252	-118.98	11.698	Si
5835 Prosp.A	Verticale	SLD 11	6.0623	14.04	70.9219	164.26	11.6989	Si
5531 Prosp.A	Orizzontale	SLD 11	9.6941	-11.05	114.6281	-130.6	11.8245	Si
6737 Prosp.A	Verticale	SLD 13	-1.3552	21.31	-16.2357	255.31	11.9806	Si
5824 Prosp.A	Verticale	SLD 3	5.3385	17.09	63.9635	204.75	11.9814	Si
5534 Prosp.A	Verticale	SLD 7	-4.0002	24.31	-48.3188	293.67	12.0792	Si
5527 Prosp.A	Orizzontale	SLD 11	12.7099	-32.47	153.9445	-393.28	12.1122	Si
5528 Prosp.A	Orizzontale	SLD 7	12.6599	-32.16	153.4499	-389.85	12.121	Si
6732 Prosp.A	Verticale	SLD 7	3.8149	5.39	47.6029	67.28	12.4782	Si
5806 Prosp.A	Verticale	SLD 3	1.2694	11.01	15.8455	137.38	12.4822	Si
5829 Prosp.A	Verticale	SLD 3	5.5552	13.79	69.5103	172.53	12.5127	Si
5814 Prosp.A	Verticale	SLD 3	4.9827	16.96	62.5493	212.88	12.5534	Si
5535 Prosp.A	Verticale	SLD 11	-3.9195	22.7	-49.5328	286.85	12.6377	Si
5212 Prosp.A	Verticale	SLD 3	-3.833	22.9	-48.7524	291.23	12.7191	Si
5194 Prosp.A	Orizzontale	SLD 11	17.2341	-68.59	220.3287	-876.83	12.7844	Si
5213 Prosp.A	Verticale	SLD 15	-3.7685	22.24	-49.057	289.53	13.0175	Si
5193 Prosp.A	Orizzontale	SLD 7	16.8492	-67.35	221.3695	-884.87	13.1383	Si
5840 Prosp.A	Verticale	SLD 11	5.8924	8.5	79.3468	114.45	13.4659	Si
5836 Prosp.A	Verticale	SLD 7	5.8642	7.55	81.0346	104.38	13.8185	Si
5191 Prosp.A	Orizzontale	SLD 11	20.2137	-99.82	284.6631	-1405.67	14.0827	Si
6748 Prosp.A	Verticale	SLD 7	3.7672	1.85	54.2416	26.67	14.3985	Si
5182 Prosp.A	Orizzontale	SLD 11	11.9835	-74.48	172.5617	-1072.58	14.4	Si
5190 Prosp.A	Orizzontale	SLD 7	19.7915	-97.83	285.0402	-1408.98	14.4022	Si
5186 Prosp.A	Orizzontale	SLD 11	22.836	-138.63	331.0529	-2009.79	14.497	Si

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
4935 Prosp.A	Orizzontale	SLD 11	4.6926	10.49	68.8644	154.01	14.6752	Si
5181 Prosp.A	Orizzontale	SLD 7	11.7674	-75.04	172.9488	-1102.89	14.6973	Si
4091 Prosp.A	Orizzontale	SLD 11	-9.7687	-151.8	-143.7219	-2233.36	14.7125	Si
5185 Prosp.A	Orizzontale	SLD 7	22.4048	-137.45	331.5509	-2034.06	14.7982	Si

Verifiche a taglio SLU D.M. 17-01-18 §4.1.2.3.5

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
5800 Prosp.A	Orizzontale	0.337	0.5	Non necessaria	0	SLU 7	34.91	-114.32	39.8037	89.31	445.3	0	89.31	2.5	0.0004618	2.5583	Si
5806 Prosp.A	Orizzontale	0.337	0.5	Non necessaria	0	SLU 7	34.65	-120.08	39.5561	90.04	446.05	0	90.04	2.5	0.0004618	2.5983	Si
4092 Prosp.A	Orizzontale	0.337	0.5	Non necessaria	0	SLV 11	23.06	-142.89	-16.8517	92.92	449.03	0	92.92	2.5	0.0004618	4.0295	Si
4091 Prosp.A	Orizzontale	0.337	0.5	Non necessaria	0	SLV 7	22.98	-146.42	-17.2045	93.37	449.49	0	93.37	2.5	0.0004618	4.063	Si
4363 Prosp.A	Orizzontale	0.337	0.5	Non necessaria	0	SLV 11	23.04	-160.84	-6.9253	95.19	451.37	0	95.19	2.5	0.0004618	4.1324	Si
4362 Prosp.A	Orizzontale	0.337	0.5	Non necessaria	0	SLV 7	22.96	-164.82	-7.2392	95.69	451.9	0	95.69	2.5	0.0004618	4.1687	Si
5502 Prosp.A	Orizzontale	0.338	1	Non necessaria	0	SLU 7	39.83	-193.39	38.1488	174.48	888.14	0	174.48	2.5	0.0007697	4.3809	Si
5503 Prosp.A	Orizzontale	0.338	1	Non necessaria	0	SLU 7	39.44	-202.99	38.3485	175.69	889.4	0	175.69	2.5	0.0007697	4.4551	Si
4090 Prosp.A	Orizzontale	0.338	1	Non necessaria	0	SLV 7	34.81	-181.54	-28.1187	172.98	886.59	0	172.98	2.5	0.0007697	4.9695	Si
4093 Prosp.A	Orizzontale	0.338	1	Non necessaria	0	SLV 11	34.57	-179.13	-27.2657	172.67	886.27	0	172.67	2.5	0.0007697	4.9945	Si
4364 Prosp.A	Orizzontale	0.338	1	Non necessaria	0	SLV 7	34.77	-211	-13.4149	176.71	890.45	0	176.71	2.5	0.0007697	5.0823	Si
4365 Prosp.A	Orizzontale	0.338	1	Non necessaria	0	SLV 11	34.53	-207.57	-12.7836	176.27	890	0	176.27	2.5	0.0007697	5.1046	Si
4632 Prosp.A	Orizzontale	0.337	0.5	Non necessaria	0	SLV 7	14.04	-102.9	3.1193	87.87	443.8	0	87.87	2.5	0.0004618	6.2599	Si
4633 Prosp.A	Orizzontale	0.337	0.5	Non necessaria	0	SLV 11	13.86	-100.65	3.4872	87.59	443.51	0	87.59	2.5	0.0004618	6.3181	Si
4635 Prosp.A	Orizzontale	0.338	1	Non necessaria	0	SLV 7	26.68	-179.18	6.3959	172.68	886.28	0	172.68	2.5	0.0007697	6.4721	Si
4636 Prosp.A	Orizzontale	0.338	1	Non necessaria	0	SLV 11	26.29	-177.06	7.1294	172.41	886	0	172.41	2.5	0.0007697	6.5568	Si
4089 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLV 7	23.47	-78.52	-20.4923	160.33	876.27	0	160.33	2.5	0.0007697	6.83	Si
4366 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLV 7	23.45	-94.47	-10.9354	162.36	878.36	0	162.36	2.5	0.0007697	6.9235	Si
5496 Prosp.A	Orizzontale	0.337	0.5	Non necessaria	0	SLU 7	12.79	-115.42	21.859	89.45	445.44	0	89.45	2.5	0.0004618	6.9936	Si
4094 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLV 7	22.58	-66.77	-19.3913	158.84	874.72	0	158.84	2.5	0.0007697	7.0339	Si
5497 Prosp.A	Orizzontale	0.337	0.5	Non necessaria	0	SLU 7	12.64	-118.32	22.169	89.82	445.82	0	89.82	2.5	0.0004618	7.1055	Si
4367 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLV 11	22.76	-95.85	-10.2783	162.53	878.55	0	162.53	2.5	0.0007697	7.1418	Si
4637 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLV 7	23.06	-124.16	6.5823	166.13	882.27	0	166.13	2.5	0.0007697	7.2036	Si
4905 Prosp.A	Orizzontale	0.337	0.5	Non necessaria	0	SLV 7	11.78	-91.87	8.907	86.48	442.36	0	86.48	2.5	0.0004618	7.3399	Si
4638 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLV 11	22.6	-125.2	7.3047	166.26	882.4	0	166.26	2.5	0.0007697	7.3558	Si
4906 Prosp.A	Orizzontale	0.337	0.5	Non necessaria	0	SLV 11	11.58	-90.69	9.1717	86.33	442.21	0	86.33	2.5	0.0004618	7.4545	Si
4088 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLV 11	20.88	-68.72	-17.0144	159.09	874.98	0	159.09	2.5	0.0007697	7.6193	Si
4371 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLV 11	20.86	-73.95	-8.1513	159.75	875.66	0	159.75	2.5	0.0007697	7.6572	Si
5185 Prosp.A	Orizzontale	0.338	1	Non necessaria	0	SLV 7	21.72	-150.86	26.8326	169.09	882.57	0	169.09	2.5	0.0007697	7.7856	Si
4095 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLV 7	20.44	-69.79	-16.6029	159.22	875.12	0	159.22	2.5	0.0007697	7.7898	Si
5181 Prosp.A	Orizzontale	0.337	0.5	Non necessaria	0	SLV 7	10.89	-80.15	14.0551	85	440.83	0	85	2.5	0.0004618	7.808	Si
4372 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLV 7	20.42	-75.23	-8.0041	159.91	875.83	0	159.91	2.5	0.0007697	7.8303	Si
4908 Prosp.A	Orizzontale	0.338	1	Non necessaria	0	SLV 7	21.67	-158.78	17.4331	170.09	883.6	0	170.09	2.5	0.0007697	7.8509	Si
5186 Prosp.A	Orizzontale	0.338	1	Non necessaria	0	SLV 11	21.27	-151.6	27.1819	169.18	882.66	0	169.18	2.5	0.0007697	7.9549	Si
5182 Prosp.A	Orizzontale	0.337	0.5	Non necessaria	0	SLV 11	10.67	-79.47	14.2282	84.91	440.74	0	84.91	2.5	0.0004618	7.961	Si
4909 Prosp.A	Orizzontale	0.338	1	Non necessaria	0	SLV 11	21.24	-158.38	17.9619	170.04	883.55	0	170.04	2.5	0.0007697	8.0072	Si
4642 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLV 7	19.23	-89.5	6.858	161.73	877.71	0	161.73	2.5	0.0007697	8.4085	Si
4643 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLV 7	18.81	-83.82	7.2903	161	876.96	0	161	2.5	0.0007697	8.5601	Si
4087 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLV 11	18.5	-75.13	-14.6829	159.9	875.82	0	159.9	2.5	0.0007697	8.6432	Si
4373 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLV 11	18.49	-75.55	-6.7769	159.95	875.88	0	159.95	2.5	0.0007697	8.6529	Si
4911 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLV 7	19.16	-121.82	16.3062	165.83	881.96	0	165.83	2.5	0.0007697	8.6555	Si
4096 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLV 7	18.11	-76.06	-14.3246	160.02	875.94	0	160.02	2.5	0.0007697	8.8343	Si
4374 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLV 7	18.1	-76.56	-6.6115	160.08	876.01	0	160.08	2.5	0.0007697	8.845	Si
4912 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLV 11	18.73	-123.16	16.8213	166.01	882.14	0	166.01	2.5	0.0007697	8.8621	Si
5190 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLV 7	17.8	-109.03	23.833	164.21	880.28	0	164.21	2.5	0.0007697	9.2267	Si
5191 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLV 11	17.38	-110.93	24.1826	164.45	880.53	0	164.45	2.5	0.0007697	9.4624	Si
4644 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLV 11	16.28	-73.35	6.9239	159.67	875.59	0	159.67	2.5	0.0007697	9.8103	Si
4645 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLV 7	16.02	-74.31	7.3957	159.8	875.71	0	159.8	2.5	0.0007697	9.9725	Si

Vano di equalizzazione e sedimentazione meccanica

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
4378 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLV 11	15.83	-75.35	-5.7374	159.93	875.85	0	159.93	2.5	0.0007697	10.1043	Si
4086 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLV 11	15.84	-77.54	-12.4722	160.21	876.14	0	160.21	2.5	0.0007697	10.1136	Si
4916 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLV 7	15.99	-90.84	14.8496	161.9	877.89	0	161.9	2.5	0.0007697	10.1219	Si
4917 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLV 7	15.63	-88.94	15.0561	161.65	877.64	0	161.65	2.5	0.0007697	10.3449	Si
4379 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLV 7	15.39	-75.88	-5.6336	160	875.92	0	160	2.5	0.0007697	10.3933	Si
4097 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLV 7	15.41	-78.12	-12.1898	160.28	876.21	0	160.28	2.5	0.0007697	10.403	Si
5537 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLU 7	14.79	29.87	-12.2463	154.52	901.7	0	154.52	2.5	0.000768	10.4453	Si
5534 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLU 7	14.78	28.77	-5.8953	154.52	901.7	0	154.52	2.5	0.0007697	10.4534	Si
6737 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLU 7	-7.3	24.13	1.0676	77.26	450.85	0	77.26	2.5	0.0004618	10.5829	Si
6738 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLU 7	-7.3	12.33	12.034	77.26	450.85	0	77.26	2.5	0.0004618	10.5829	Si
5538 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLU 7	-14.42	28.66	-11.9234	154.52	901.7	0	154.52	2.5	0.0007679	10.717	Si
5535 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLU 7	-14.42	26.92	-5.765	154.52	901.7	0	154.52	2.5	0.0007697	10.718	Si
4101 Prosp.A	Orizzontale	0.337	0.7	Non necessaria	0	SLV 7	9.87	-20.55	-5.3196	107.52	606.1	0	107.52	2.5	0.0006158	10.8967	Si
4390 Prosp.A	Orizzontale	0.337	0.7	Non necessaria	0	SLV 7	9.86	-29.66	0.5557	108.68	607.29	0	108.68	2.5	0.0006158	11.0212	Si
5840 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLU 7	14	-49.17	31.2333	156.6	872.41	0	156.6	2.5	0.0007697	11.1849	Si
5214 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLU 7	13.78	25.11	-12.6275	154.52	901.7	0	154.52	2.5	0.000768	11.2124	Si
5212 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLU 7	13.71	27.74	-5.9999	154.52	901.7	0	154.52	2.5	0.0007697	11.2697	Si
4082 Prosp.A	Orizzontale	0.337	0.7	Non necessaria	0	SLV 11	9.45	-22.31	-5.0102	107.76	606.39	0	107.76	2.5	0.0006158	11.3975	Si
5215 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLU 7	-13.52	24.54	-12.2936	154.52	901.7	0	154.52	2.5	0.0007679	11.4263	Si
5213 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLU 7	-13.47	26.9	-5.9167	154.52	901.7	0	154.52	2.5	0.0007697	11.4731	Si
6743 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLU 7	6.73	16.79	1.178	77.26	450.85	0	77.26	2.5	0.0004618	11.4856	Si
6742 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLU 7	6.73	3.14	11.3158	77.26	450.85	0	77.26	2.5	0.0004618	11.4856	Si
4389 Prosp.A	Orizzontale	0.337	0.7	Non necessaria	0	SLV 11	9.45	-31.79	0.5033	108.95	607.63	0	108.95	2.5	0.0006158	11.5325	Si
5841 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLU 7	13.53	-49.4	31.0274	156.63	872.44	0	156.63	2.5	0.0007697	11.5731	Si
4100 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLV 7	13.45	-41.56	-9.1866	155.63	871.41	0	155.63	2.5	0.0007697	11.5731	Si
5835 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLU 7	13.52	-53.54	35.8806	157.16	872.98	0	157.16	2.5	0.0007697	11.6228	Si
4388 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLV 7	13.44	-46.78	-1.5411	156.3	872.09	0	156.3	2.5	0.0007697	11.6322	Si
4649 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLV 11	13.48	-67.43	6.8339	158.92	874.81	0	158.92	2.5	0.0007697	11.791	Si
4650 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLV 7	13.28	-67.8	7.2848	158.97	874.86	0	158.97	2.5	0.0007697	11.9743	Si
5836 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLU 7	13.1	-53.89	35.6679	157.2	873.03	0	157.2	2.5	0.0007697	12.0008	Si
4381 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLV 9	-12.95	-43.04	11.879	155.82	871.6	0	155.82	2.5	0.0007697	12.0351	Si
4098 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLV 9	-12.96	-44.64	18.9774	156.02	871.81	0	156.02	2.5	0.0007697	12.0388	Si
5502 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLU 7	13.07	-27.02	-1.4126	158.1	905.4	0	158.1	2.5	0.0007697	12.0951	Si
4083 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLV 11	12.89	-44.22	-8.7352	155.97	871.76	0	155.97	2.5	0.0007697	12.1012	Si
4387 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLV 11	12.88	-49.84	-1.5384	156.68	872.49	0	156.68	2.5	0.0007697	12.1673	Si
5503 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLU 7	-12.99	-38.31	-1.2998	159.59	906.95	0	159.59	2.5	0.0007697	12.2815	Si
4919 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLV 7	12.96	-71.1	13.315	159.39	875.29	0	159.39	2.5	0.0007697	12.298	Si
5193 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLV 7	12.86	-74.88	20.4525	159.87	875.79	0	159.87	2.5	0.0007697	12.4325	Si
4920 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLV 7	12.76	-69.97	13.5006	159.24	875.14	0	159.24	2.5	0.0007697	12.4759	Si
4380 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLV 5	-12.45	-43.07	10.9808	155.82	871.61	0	155.82	2.5	0.0007697	12.5165	Si
4085 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLV 5	-12.46	-44.83	17.7423	156.05	871.84	0	156.05	2.5	0.0007697	12.5221	Si
5512 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLU 7	12.63	-77.78	29.895	160.24	876.17	0	160.24	2.5	0.0007697	12.6829	Si
5194 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLV 7	12.5	-76.86	20.3644	160.12	876.05	0	160.12	2.5	0.0007697	12.8096	Si
4385 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLV 9	-11.96	-26.02	9.2716	153.66	869.36	0	153.66	2.5	0.0007697	12.8453	Si
4099 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLV 9	-11.98	-28.33	15.9702	153.95	869.67	0	153.95	2.5	0.0007697	12.8531	Si
5513 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLU 7	12.32	-78.41	29.7478	160.32	876.25	0	160.32	2.5	0.0007697	13.0119	Si
5843 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLU 7	11.91	-41.36	26.1361	155.61	871.38	0	155.61	2.5	0.0007697	13.0625	Si
4384 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLV 5	-11.64	-27.38	8.5362	153.83	869.54	0	153.83	2.5	0.0007697	13.2211	Si
4084 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLV 5	-11.65	-29.68	14.9916	154.12	869.84	0	154.12	2.5	0.0007697	13.2293	Si
5828 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLU 7	11.94	-61.76	39.6459	158.2	874.06	0	158.2	2.5	0.0007697	13.2462	Si
5844 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLU 7	11.42	-41.21	25.9448	155.59	871.36	0	155.59	2.5	0.0007697	13.6236	Si

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
5829 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLU 7	11.55	-61.76	39.4165	158.2	874.06	0	158.2	2.5	0.0007697	13.7014	Si

Verifiche a taglio SLD Resistenza D.M. 17-01-18 §4.1.2.3.5

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
5800 Prosp.A	Orizzontale	0.337	0.5	Non necessaria	0	SLD 7	24.71	-80.68	28.5211	85.06	440.9	0	85.06	2.5	0.0004618	3.4427	Si
5806 Prosp.A	Orizzontale	0.337	0.5	Non necessaria	0	SLD 7	24.25	-75.23	28.2129	84.37	440.19	0	84.37	2.5	0.0004618	3.4796	Si
4092 Prosp.A	Orizzontale	0.337	0.5	Non necessaria	0	SLD 11	16.17	-133.1	-10.1713	91.69	447.75	0	91.69	2.5	0.0004618	5.6713	Si
4091 Prosp.A	Orizzontale	0.337	0.5	Non necessaria	0	SLD 7	15.93	-137.73	-10.3456	92.27	448.35	0	92.27	2.5	0.0004618	5.7929	Si
4363 Prosp.A	Orizzontale	0.337	0.5	Non necessaria	0	SLD 11	16.15	-148.47	-3.8253	93.63	449.76	0	93.63	2.5	0.0004618	5.7978	Si
5502 Prosp.A	Orizzontale	0.338	1	Non necessaria	0	SLD 7	28.45	-137.15	27.7978	167.35	880.77	0	167.35	2.5	0.0007697	5.8828	Si
4362 Prosp.A	Orizzontale	0.337	0.5	Non necessaria	0	SLD 7	15.91	-153.68	-4.0275	94.29	450.44	0	94.29	2.5	0.0004618	5.9258	Si
5503 Prosp.A	Orizzontale	0.338	1	Non necessaria	0	SLD 7	27.83	-129.73	27.7403	166.41	879.8	0	166.41	2.5	0.0007697	5.9789	Si
4093 Prosp.A	Orizzontale	0.338	1	Non necessaria	0	SLD 11	23.3	-165.89	-15.9365	170.99	884.53	0	170.99	2.5	0.0007697	7.338	Si
4090 Prosp.A	Orizzontale	0.338	1	Non necessaria	0	SLD 7	23.31	-168.99	-16.4947	171.38	884.94	0	171.38	2.5	0.0007697	7.3521	Si
4365 Prosp.A	Orizzontale	0.338	1	Non necessaria	0	SLD 11	23.27	-190.72	-6.8811	174.14	887.79	0	174.14	2.5	0.0007697	7.482	Si
4364 Prosp.A	Orizzontale	0.338	1	Non necessaria	0	SLD 7	23.28	-195.13	-7.3077	174.7	888.37	0	174.7	2.5	0.0007697	7.5028	Si
5496 Prosp.A	Orizzontale	0.337	0.5	Non necessaria	0	SLD 7	9.5	-81.19	16.204	85.13	440.96	0	85.13	2.5	0.0004618	8.9592	Si
4632 Prosp.A	Orizzontale	0.337	0.5	Non necessaria	0	SLD 7	9.68	-98.98	3.8181	87.37	443.29	0	87.37	2.5	0.0004618	9.0285	Si
4633 Prosp.A	Orizzontale	0.337	0.5	Non necessaria	0	SLD 11	9.6	-96.27	4.1607	87.03	442.94	0	87.03	2.5	0.0004618	9.0672	Si
5497 Prosp.A	Orizzontale	0.337	0.5	Non necessaria	0	SLD 7	9.27	-77.14	16.2175	84.61	440.43	0	84.61	2.5	0.0004618	9.1237	Si
4635 Prosp.A	Orizzontale	0.338	1	Non necessaria	0	SLD 7	18.27	-167.29	7.681	171.17	884.72	0	171.17	2.5	0.0007697	9.3682	Si
4636 Prosp.A	Orizzontale	0.338	1	Non necessaria	0	SLD 11	18.06	-164.66	8.3705	170.84	884.37	0	170.84	2.5	0.0007697	9.4615	Si
5185 Prosp.A	Orizzontale	0.338	1	Non necessaria	0	SLD 7	17.1	-137.45	22.4048	167.39	880.81	0	167.39	2.5	0.0007697	9.7909	Si
5186 Prosp.A	Orizzontale	0.338	1	Non necessaria	0	SLD 11	16.78	-138.63	22.836	167.54	880.96	0	167.54	2.5	0.0007697	9.9826	Si
4905 Prosp.A	Orizzontale	0.337	0.5	Non necessaria	0	SLD 7	8.44	-86.68	7.9181	85.82	441.68	0	85.82	2.5	0.0004618	10.1693	Si
5181 Prosp.A	Orizzontale	0.337	0.5	Non necessaria	0	SLD 7	8.29	-75.04	11.7674	84.35	440.16	0	84.35	2.5	0.0004618	10.1771	Si
4906 Prosp.A	Orizzontale	0.337	0.5	Non necessaria	0	SLD 11	8.31	-85.44	8.1974	85.66	441.52	0	85.66	2.5	0.0004618	10.3077	Si
5182 Prosp.A	Orizzontale	0.337	0.5	Non necessaria	0	SLD 11	8.14	-74.48	11.9835	84.28	440.09	0	84.28	2.5	0.0004618	10.3575	Si
4908 Prosp.A	Orizzontale	0.338	1	Non necessaria	0	SLD 7	15.95	-146.09	15.4196	168.49	881.94	0	168.49	2.5	0.0007697	10.5612	Si
4366 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 7	15.46	-103.83	-6.3247	163.55	879.59	0	163.55	2.5	0.0007697	10.5774	Si
4637 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 7	15.47	-110.68	7.6462	164.42	880.5	0	164.42	2.5	0.0007697	10.6308	Si
4909 Prosp.A	Orizzontale	0.338	1	Non necessaria	0	SLD 11	15.66	-145.77	15.9791	168.44	881.9	0	168.44	2.5	0.0007697	10.7591	Si
4089 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 7	14.74	-69.96	-11.4224	159.24	875.14	0	159.24	2.5	0.0007697	10.8059	Si
4367 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 11	15.12	-104.89	-5.879	163.68	879.73	0	163.68	2.5	0.0007697	10.825	Si
4638 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 11	15.13	-111.69	8.335	164.55	880.63	0	164.55	2.5	0.0007697	10.8787	Si
4094 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 11	14.17	-72.06	-10.6058	159.51	875.42	0	159.51	2.5	0.0007697	11.2603	Si
5190 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 7	13.95	-97.83	19.7915	162.79	878.81	0	162.79	2.5	0.0007697	11.669	Si
4911 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 7	13.98	-109.47	14.3324	164.27	880.34	0	164.27	2.5	0.0007697	11.7482	Si
5191 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 11	13.64	-99.82	20.2137	163.04	879.07	0	163.04	2.5	0.0007697	11.9492	Si
4912 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 11	13.66	-110.81	14.8795	164.43	880.51	0	164.43	2.5	0.0007697	12.0343	Si
4088 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 11	12.82	-64.14	-9.1312	158.5	874.38	0	158.5	2.5	0.0007697	12.3603	Si
4371 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 11	12.81	-68.68	-3.8213	159.08	874.97	0	159.08	2.5	0.0007697	12.4162	Si
4642 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 7	12.53	-78.67	7.6341	160.35	876.29	0	160.35	2.5	0.0007697	12.7936	Si
4095 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 7	12.29	-65.67	-8.5369	158.7	874.58	0	158.7	2.5	0.0007697	12.9083	Si
4372 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 7	12.28	-70.45	-2.2171	159.3	875.2	0	159.3	2.5	0.0007697	12.9704	Si
4643 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 7	12.13	-76.9	8.2019	160.12	876.05	0	160.12	2.5	0.0007697	13.2006	Si
4916 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 7	11.5	-80.27	12.9314	160.55	876.5	0	160.55	2.5	0.0007697	13.9581	Si
4917 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 7	11.18	-80.27	13.3173	160.55	876.5	0	160.55	2.5	0.0007697	14.3563	Si
6738 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLD 11	-5.35	7.97	7.6409	77.26	450.85	0	77.26	2.5	0.0004618	14.4489	Si
6737 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLD 11	-5.35	14.32	0.8862	77.26	450.85	0	77.26	2.5	0.0004618	14.4489	Si
4087 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 11	10.91	-69.1	-7.6123	159.13	875.03	0	159.13	2.5	0.0007697	14.5822	Si
4373 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 11	10.9	-69.39	-1.7378	159.17	875.07	0	159.17	2.5	0.0007697	14.5976	Si

Vano di equalizzazione e sedimentazione meccanica

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
4096 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 7	10.42	-70.29	-7.0682	159.28	875.18	0	159.28	2.5	0.0007697	15.2917	Si
4374 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 7	10.41	-70.7	1.5193	159.34	875.24	0	159.34	2.5	0.0007697	15.3103	Si
5214 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLD 7	10.09	17.55	-8.1605	154.52	901.7	0	154.52	2.5	0.000768	15.3172	Si
5537 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLD 7	10.05	20.69	-7.6838	154.52	901.7	0	154.52	2.5	0.000768	15.3697	Si
6743 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLD 7	5.02	11.74	0.8832	77.26	450.85	0	77.26	2.5	0.0004618	15.3757	Si
6742 Prosp.A	Verticale	0.353	0.5	Non necessaria	0	SLD 7	5.02	4.49	7.466	77.26	450.85	0	77.26	2.5	0.0004618	15.3757	Si
5534 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLD 7	10.02	20.86	-3.4904	154.52	901.7	0	154.52	2.5	0.0007697	15.428	Si
5212 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLD 7	9.99	19.78	-3.4926	154.52	901.7	0	154.52	2.5	0.0007697	15.4622	Si
4644 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 11	10.26	-66.66	7.4647	158.82	874.71	0	158.82	2.5	0.0007697	15.4819	Si
5215 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLD 11	-9.91	17.22	-8.0315	154.52	901.7	0	154.52	2.5	0.0007679	15.5929	Si
5213 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLD 11	-9.82	19.29	-3.4475	154.52	901.7	0	154.52	2.5	0.0007697	15.7303	Si
5538 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLD 11	-9.8	19.96	-7.4772	154.52	901.7	0	154.52	2.5	0.0007679	15.7733	Si
5535 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLD 11	-9.76	19.73	-3.4203	154.52	901.7	0	154.52	2.5	0.0007697	15.8259	Si
5193 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 7	9.97	-67.35	16.8492	158.91	874.8	0	158.91	2.5	0.0007697	15.9311	Si
5840 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 5	9.64	-27.35	15.0109	153.83	869.54	0	153.83	2.5	0.0007697	15.956	Si
4645 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 7	9.92	-68.06	8.0294	159	874.89	0	159	2.5	0.0007697	16.0241	Si
4101 Prosp.A	Orizzontale	0.337	0.7	Non necessaria	0	SLD 7	6.59	-11.89	-3.6881	106.43	604.96	0	106.43	2.5	0.0006158	16.1394	Si
4390 Prosp.A	Orizzontale	0.337	0.7	Non necessaria	0	SLD 7	6.59	-18.28	1.5572	107.24	605.8	0	107.24	2.5	0.0006158	16.2731	Si
5194 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 11	9.69	-68.59	17.2341	159.07	874.96	0	159.07	2.5	0.0007697	16.4229	Si
5841 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 9	9.3	-27.6	14.863	153.86	869.57	0	153.86	2.5	0.0007697	16.5386	Si
5502 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLD 7	9.52	-24.59	-1.0349	157.77	905.07	0	157.77	2.5	0.0007697	16.576	Si
5503 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLD 7	-9.36	-19.51	-1.0267	157.1	904.37	0	157.1	2.5	0.0007697	16.7838	Si
5835 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 9	9.14	-29.86	17.1135	154.14	869.87	0	154.14	2.5	0.0007697	16.8589	Si
4082 Prosp.A	Orizzontale	0.337	0.7	Non necessaria	0	SLD 11	6.25	-13.87	-3.4287	106.69	605.28	0	106.69	2.5	0.0006158	17.0744	Si
4389 Prosp.A	Orizzontale	0.337	0.7	Non necessaria	0	SLD 11	6.24	-20.68	0.5749	107.55	606.17	0	107.55	2.5	0.0006158	17.2244	Si
4919 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 7	9.16	-62.91	11.4384	158.35	874.21	0	158.35	2.5	0.0007697	17.2867	Si
5836 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 5	8.91	-30.05	17.0075	154.17	869.89	0	154.17	2.5	0.0007697	17.3059	Si
5843 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 5	8.76	-23.5	12.5998	153.34	869.03	0	153.34	2.5	0.0007697	17.5141	Si
4920 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 7	8.92	-63.08	11.7889	158.37	874.24	0	158.37	2.5	0.0007697	17.7491	Si
4378 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 11	8.79	-68.85	1.6179	159.1	874.99	0	159.1	2.5	0.0007697	18.0954	Si
4086 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 11	8.8	-70.68	-6.2987	159.33	875.24	0	159.33	2.5	0.0007697	18.107	Si
5844 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 9	8.42	-23.47	12.4731	153.33	869.03	0	153.33	2.5	0.0007697	18.2171	Si
5512 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 7	8.43	-53.07	21.5864	157.09	872.92	0	157.09	2.5	0.0007697	18.6414	Si
4936 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLD 7	8.21	10.45	-6.9324	154.52	901.7	0	154.52	2.5	0.000768	18.8133	Si
4937 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLD 11	-8.19	10.74	-6.9553	154.52	901.7	0	154.52	2.5	0.0007679	18.8765	Si
4934 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLD 7	8.11	9.88	-3.4417	154.52	901.7	0	154.52	2.5	0.0007697	19.0451	Si
5813 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLD 7	8.22	-18.55	-1.1634	156.97	904.24	0	156.97	2.5	0.0007697	19.0876	Si
4935 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLD 11	-8.09	10.23	-3.447	154.52	901.7	0	154.52	2.5	0.0007697	19.0945	Si
4379 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 7	8.29	-69.55	3.558	159.19	875.09	0	159.19	2.5	0.0007697	19.2031	Si
4097 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 7	8.3	-71.35	-5.8576	159.42	875.32	0	159.42	2.5	0.0007697	19.214	Si
5513 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 7	8.17	-55.32	21.5336	157.38	873.22	0	157.38	2.5	0.0007697	19.2542	Si
5196 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 7	8.15	-55.34	14.1639	157.38	873.22	0	157.38	2.5	0.0007697	19.3076	Si
5814 Prosp.A	Verticale	0.353	1	Non necessaria	0	SLD 11	-8.11	-23.91	-1.133	157.68	904.98	0	157.68	2.5	0.0007697	19.4323	Si
4649 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 11	8.11	-61.24	7.0827	158.13	873.99	0	158.13	2.5	0.0007697	19.4891	Si
4100 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 7	7.84	-29.89	-5.762	154.15	869.87	0	154.15	2.5	0.0007697	19.6714	Si
4388 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 7	7.83	-32.96	1.7529	154.54	870.28	0	154.54	2.5	0.0007697	19.7352	Si
5197 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 7	7.91	-56.4	14.3907	157.52	873.36	0	157.52	2.5	0.0007697	19.9024	Si
4650 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 7	7.83	-61.91	7.6041	158.22	874.08	0	158.22	2.5	0.0007697	20.2135	Si
4083 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 11	7.42	-32.75	-5.4329	154.51	870.25	0	154.51	2.5	0.0007697	20.8149	Si
4387 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 11	7.42	-36.3	0.625	154.96	870.71	0	154.96	2.5	0.0007697	20.892	Si
5517 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 7	7.19	-45.82	18.4034	156.17	871.97	0	156.17	2.5	0.0007697	21.7286	Si

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
5828 Prosp.A	Orizzontale	0.339	1	Non necessaria	0	SLD 9	7.11	-34.96	18.6854	154.79	870.54	0	154.79	2.5	0.0007697	21.7818	Si

Verifiche SLE tensione calcestruzzo D.M. 17-01-18 §4.1.2.2.5.1

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	σc	σc limite	Es/Ec	c.s.	Verifica
5806 Prosp.A	Orizzontale	SLE QP 4	23.1305	-73.91	No	-1923	13073	15	6.7994	Si
5800 Prosp.A	Orizzontale	SLE QP 4	23.2938	-70.07	No	-1916	13073	15	6.8229	Si
5806 Prosp.A	Orizzontale	SLE RA 7	27.9416	-86.49	No	-2310	17430	15	7.5468	Si
5800 Prosp.A	Orizzontale	SLE RA 7	28.1093	-82.67	No	-2303	17430	15	7.5672	Si
5813 Prosp.A	Orizzontale	SLE QP 4	32.1385	-65.87	No	-1269	13073	15	10.3047	Si
5814 Prosp.A	Orizzontale	SLE QP 4	31.8868	-67.46	No	-1264	13073	15	10.3453	Si
5497 Prosp.A	Orizzontale	SLE QP 4	13.0606	-74.15	No	-1236	13073	15	10.5803	Si
5496 Prosp.A	Orizzontale	SLE QP 4	12.8516	-72.21	No	-1212	13073	15	10.783	Si
5813 Prosp.A	Orizzontale	SLE RA 7	38.7915	-78.19	No	-1528	17430	15	11.4062	Si
5814 Prosp.A	Orizzontale	SLE RA 7	38.5325	-79.77	No	-1523	17430	15	11.4456	Si
5503 Prosp.A	Orizzontale	SLE QP 4	23.4917	-128.79	No	-1117	13073	15	11.7056	Si
5497 Prosp.A	Orizzontale	SLE RA 7	15.6858	-85.47	No	-1467	17430	15	11.8788	Si
5502 Prosp.A	Orizzontale	SLE QP 4	23.3328	-122.27	No	-1096	13073	15	11.9282	Si
5496 Prosp.A	Orizzontale	SLE RA 7	15.4795	-83.54	No	-1444	17430	15	12.068	Si
5823 Prosp.A	Orizzontale	SLE QP 4	27.4205	-45.81	No	-1057	13073	15	12.3656	Si
5824 Prosp.A	Orizzontale	SLE QP 4	27.2484	-45.15	No	-1050	13073	15	12.4542	Si
5503 Prosp.A	Orizzontale	SLE RA 7	28.2498	-149.81	No	-1331	17430	15	13.0949	Si
5182 Prosp.A	Orizzontale	SLE QP 4	9.708	-69.28	No	-984	13073	15	13.2861	Si
5502 Prosp.A	Orizzontale	SLE RA 7	28.107	-143.32	No	-1311	17430	15	13.2966	Si
5181 Prosp.A	Orizzontale	SLE QP 4	9.4536	-69.74	No	-969	13073	15	13.4953	Si
5823 Prosp.A	Orizzontale	SLE RA 7	33.1001	-54.21	No	-1274	17430	15	13.686	Si
5824 Prosp.A	Orizzontale	SLE RA 7	32.9197	-53.53	No	-1266	17430	15	13.7709	Si
5186 Prosp.A	Orizzontale	SLE QP 4	18.4305	-125.54	No	-934	13073	15	13.9998	Si
5185 Prosp.A	Orizzontale	SLE QP 4	17.9261	-123.95	No	-913	13073	15	14.3255	Si
5828 Prosp.A	Orizzontale	SLE QP 4	23.2388	-37.34	No	-892	13073	15	14.6479	Si
5829 Prosp.A	Orizzontale	SLE QP 4	23.0947	-37.38	No	-888	13073	15	14.7287	Si
5508 Prosp.A	Orizzontale	SLE QP 4	21.1066	-60.91	No	-874	13073	15	14.9507	Si
4091 Prosp.A	Orizzontale	SLE QP 4	-4.037	-129.21	No	-874	13073	15	14.9633	Si
5509 Prosp.A	Orizzontale	SLE QP 4	20.9762	-60.79	No	-870	13073	15	15.0333	Si
5182 Prosp.A	Orizzontale	SLE RA 7	11.6231	-78.8	No	-1159	17430	15	15.041	Si
4906 Prosp.A	Orizzontale	SLE QP 4	7.1824	-80.06	No	-861	13073	15	15.1796	Si
5181 Prosp.A	Orizzontale	SLE RA 7	11.3693	-79.26	No	-1144	17430	15	15.2411	Si
4905 Prosp.A	Orizzontale	SLE QP 4	6.8882	-81.37	No	-847	13073	15	15.4314	Si
4092 Prosp.A	Orizzontale	SLE QP 4	-4.0225	-123.55	No	-846	13073	15	15.4436	Si
5186 Prosp.A	Orizzontale	SLE RA 7	22.049	-143.42	No	-1101	17430	15	15.8286	Si
5185 Prosp.A	Orizzontale	SLE RA 7	21.546	-141.84	No	-1080	17430	15	16.1386	Si
5828 Prosp.A	Orizzontale	SLE RA 7	28.0583	-44.37	No	-1076	17430	15	16.2014	Si
5829 Prosp.A	Orizzontale	SLE RA 7	27.9042	-44.36	No	-1070	17430	15	16.2823	Si
5835 Prosp.A	Orizzontale	SLE QP 4	21.0285	-31.75	No	-803	13073	15	16.2847	Si
5836 Prosp.A	Orizzontale	SLE QP 4	20.8978	-31.99	No	-799	13073	15	16.3653	Si
4909 Prosp.A	Orizzontale	SLE QP 4	13.9193	-133.07	No	-795	13073	15	16.4405	Si
5508 Prosp.A	Orizzontale	SLE RA 7	25.4288	-70.35	No	-1046	17430	15	16.6595	Si
5509 Prosp.A	Orizzontale	SLE RA 7	25.2934	-70.21	No	-1041	17430	15	16.7397	Si
4908 Prosp.A	Orizzontale	SLE QP 4	13.3283	-133.33	No	-775	13073	15	16.8621	Si
5191 Prosp.A	Orizzontale	SLE QP 4	16.1851	-88.98	No	-770	13073	15	16.9685	Si
4362 Prosp.A	Orizzontale	SLE QP 4	1.5389	-142.84	No	-766	13073	15	17.0672	Si
4363 Prosp.A	Orizzontale	SLE QP 4	1.8091	-136.49	No	-755	13073	15	17.314	Si
4633 Prosp.A	Orizzontale	SLE QP 4	4.8085	-91.79	No	-753	13073	15	17.3546	Si
4906 Prosp.A	Orizzontale	SLE RA 7	8.5613	-89.94	No	-1001	17430	15	17.4099	Si
5190 Prosp.A	Orizzontale	SLE QP 4	15.6986	-86.89	No	-749	13073	15	17.4623	Si
4632 Prosp.A	Orizzontale	SLE QP 4	4.4842	-94.94	No	-746	13073	15	17.5317	Si
4091 Prosp.A	Orizzontale	SLE RA 7	-4.9658	-140.4	No	-989	17430	15	17.626	Si
4905 Prosp.A	Orizzontale	SLE RA 7	8.2657	-91.25	No	-987	17430	15	17.66	Si
5835 Prosp.A	Orizzontale	SLE RA 7	25.4119	-38.34	No	-970	17430	15	17.9689	Si
5512 Prosp.A	Orizzontale	SLE QP 4	17.6583	-48.65	No	-726	13073	15	18.0045	Si
5836 Prosp.A	Orizzontale	SLE RA 7	25.2692	-38.57	No	-966	17430	15	18.0507	Si
5513 Prosp.A	Orizzontale	SLE QP 4	17.5656	-49.1	No	-724	13073	15	18.0581	Si
4092 Prosp.A	Orizzontale	SLE RA 7	-4.947	-134.79	No	-962	17430	15	18.1257	Si
5805 Prosp.A	Verticale	SLE QP 4	9.3726	-11.26	No	-704	13073	15	18.568	Si
5840 Prosp.A	Orizzontale	SLE QP 4	18.301	-29.03	No	-702	13073	15	18.6241	Si
5841 Prosp.A	Orizzontale	SLE QP 4	18.1763	-29.19	No	-698	13073	15	18.7285	Si
4909 Prosp.A	Orizzontale	SLE RA 7	16.5729	-149.93	No	-927	17430	15	18.8083	Si
4636 Prosp.A	Orizzontale	SLE QP 4	9.5281	-152.3	No	-688	13073	15	18.9956	Si
5191 Prosp.A	Orizzontale	SLE RA 7	19.3296	-101.32	No	-908	17430	15	19.1882	Si
4908 Prosp.A	Orizzontale	SLE RA 7	15.9794	-150.18	No	-907	17430	15	19.2224	Si
4912 Prosp.A	Orizzontale	SLE QP 4	12.8634	-98.69	No	-678	13073	15	19.2697	Si
4635 Prosp.A	Orizzontale	SLE QP 4	8.8721	-155.41	No	-673	13073	15	19.4312	Si
5190 Prosp.A	Orizzontale	SLE RA 7	18.8445	-99.24	No	-887	17430	15	19.6574	Si
4911 Prosp.A	Orizzontale	SLE QP 4	12.2834	-97.33	No	-655	13073	15	19.9543	Si
5805 Prosp.A	Verticale	SLE RA 7	11.3625	-16.84	No	-869	17430	15	20.0632	Si
5512 Prosp.A	Orizzontale	SLE RA 7	21.2635	-56.16	No	-869	17430	15	20.0678	Si
5513 Prosp.A	Orizzontale	SLE RA 7	21.1657	-56.57	No	-866	17430	15	20.1233	Si
4633 Prosp.A	Orizzontale	SLE RA 7	5.6886	-101.93	No	-860	17430	15	20.2607	Si
5801 Prosp.A	Verticale	SLE QP 4	9.4578	2.98	No	-642	13073	15	20.366	Si
4632 Prosp.A	Orizzontale	SLE RA 7	5.3612	-105.06	No	-852	17430	15	20.4486	Si
5840 Prosp.A	Orizzontale	SLE RA 7	22.1378	-35.15	No	-849	17430	15	20.5263	Si
5841 Prosp.A	Orizzontale	SLE RA 7	21.9999	-35.3	No	-845	17430	15	20.6335	Si
4362 Prosp.A	Orizzontale	SLE RA 7	1.8196	-155.13	No	-842	17430	15	20.7006	Si
4363 Prosp.A	Orizzontale	SLE RA 7	2.0937	-148.82	No	-832	17430	15	20.9606	Si
5517 Prosp.A	Orizzontale	SLE QP 4	15.0825	-41.82	No	-621	13073	15	21.0583	Si
5518 Prosp.A	Orizzontale	SLE QP 4	15.0202	-42.45	No	-620	13073	15	21.0808	Si
5194 Prosp.A	Orizzontale	SLE QP 4	13.6349	-61.17	No	-616	13073	15	21.2073	Si
5801 Prosp.A	Verticale	SLE RA 7	11.4479	-2.68	No	-807	17430	15	21.5984	Si
5193 Prosp.A	Orizzontale	SLE QP 4	13.1897	-60.09	No	-598	13073	15	21.8437	Si
4912 Prosp.A	Orizzontale	SLE RA 7	15.2862	-110.7	No	-791	17430	15	22.046	Si
4636 Prosp.A	Orizzontale	SLE RA 7	11.2585	-168.57	No	-786	17430	15	22.1649	Si
5843 Prosp.A	Orizzontale	SLE QP 4	15.3234	-24.21	No	-587	13073	15	22.2514	Si
5844 Prosp.A	Orizzontale	SLE QP 4	15.2081	-24.13	No	-583	13073	15	22.4111	Si
4635 Prosp.A	Orizzontale	SLE RA 7	10.5966	-171.66	No	-771	17430	15	22.6155	Si
4911 Prosp.A	Orizzontale	SLE RA 7	14.7041	-109.36	No	-767	17430	15	22.7158	Si
4917 Prosp.A	Orizzontale	SLE QP 4	11.488	-71.85	No	-567	13073	15	23.0405	Si
4638 Prosp.A	Orizzontale	SLE QP 4	9.2528	-102.77	No	-563	13073	15	23.215	Si
4090 Prosp.A	Orizzontale	SLE QP 4	-5.4549	-156.51	No	-557	13073	15	23.4724	Si

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	oc	oc limite	Es/Ec	c.s.	Verifica
5517 Prosp.A	Orizzontale	SLE RA 7	18.1392	-48.21	No	-742	17430	15	23.5015	Si
5518 Prosp.A	Orizzontale	SLE RA 7	18.0721	-48.82	No	-741	17430	15	23.5294	Si
4365 Prosp.A	Orizzontale	SLE QP 4	3.9054	-174.22	No	-545	13073	15	23.9923	Si
5194 Prosp.A	Orizzontale	SLE RA 7	16.2466	-69.16	No	-726	17430	15	24.0189	Si
4916 Prosp.A	Orizzontale	SLE QP 4	10.9394	-69.98	No	-544	13073	15	24.0322	Si
4637 Prosp.A	Orizzontale	SLE QP 4	8.582	-101.97	No	-538	13073	15	24.2983	Si
4364 Prosp.A	Orizzontale	SLE QP 4	3.3271	-179.54	No	-537	13073	15	24.3287	Si

Verifiche SLE tensione acciaio D.M. 17-01-18 §4.1.2.2.5.2

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	of	of limite	Es/Ec	c.s.	Verifica
5800 Prosp.A	Orizzontale	SLE RA 7	28.1093	-82.67	No	14289	360000	15	25.1939	Si
5806 Prosp.A	Orizzontale	SLE RA 7	27.9416	-86.49	No	13904	360000	15	25.8909	Si
5813 Prosp.A	Orizzontale	SLE RA 7	38.7915	-78.19	No	11254	360000	15	31.9879	Si
5814 Prosp.A	Orizzontale	SLE RA 7	38.5325	-79.77	No	11105	360000	15	32.4182	Si
5823 Prosp.A	Orizzontale	SLE RA 7	33.1001	-54.21	No	10019	360000	15	35.9304	Si
5824 Prosp.A	Orizzontale	SLE RA 7	32.9197	-53.53	No	9978	360000	15	36.0779	Si
5801 Prosp.A	Verticale	SLE RA 7	11.4479	-2.68	No	8921	360000	15	40.3523	Si
5828 Prosp.A	Orizzontale	SLE RA 7	28.0583	-44.37	No	8549	360000	15	42.109	Si
5829 Prosp.A	Orizzontale	SLE RA 7	27.9042	-44.36	No	8494	360000	15	42.3834	Si
6738 Prosp.A	Verticale	SLE RA 7	9.8354	6.16	No	7979	360000	15	45.119	Si
5805 Prosp.A	Verticale	SLE RA 7	11.3625	-16.84	No	7838	360000	15	45.9291	Si
5835 Prosp.A	Orizzontale	SLE RA 7	25.4119	-38.34	No	7808	360000	15	46.1052	Si
5836 Prosp.A	Orizzontale	SLE RA 7	25.2692	-38.57	No	7749	360000	15	46.4598	Si
6742 Prosp.A	Verticale	SLE RA 7	9.7881	-2.98	No	7301	360000	15	49.3063	Si
5802 Prosp.A	Verticale	SLE RA 7	5.8808	32.88	No	7039	360000	15	51.144	Si
5840 Prosp.A	Orizzontale	SLE RA 7	22.1378	-35.15	No	6740	360000	15	53.4095	Si
5841 Prosp.A	Orizzontale	SLE RA 7	21.9999	-35.3	No	6685	360000	15	53.85	Si
5508 Prosp.A	Orizzontale	SLE RA 7	25.4288	-70.35	No	6679	360000	15	53.8967	Si
5804 Prosp.A	Verticale	SLE RA 7	4.4747	43.07	No	6650	360000	15	54.1388	Si
5509 Prosp.A	Orizzontale	SLE RA 7	25.2934	-70.21	No	6636	360000	15	54.2528	Si
6736 Prosp.A	Verticale	SLE RA 7	5.9753	20.88	No	6049	360000	15	59.5119	Si
4091 Prosp.A	Orizzontale	SLE RA 1	-2.7619	-113.77	No	-5927	360000	15	60.7357	Si
5512 Prosp.A	Orizzontale	SLE RA 7	21.2635	-56.16	No	5680	360000	15	63.3792	Si
5843 Prosp.A	Orizzontale	SLE RA 7	18.5369	-29.48	No	5642	360000	15	63.8045	Si
5513 Prosp.A	Orizzontale	SLE RA 7	21.1657	-56.57	No	5630	360000	15	63.9432	Si
5844 Prosp.A	Orizzontale	SLE RA 7	18.409	-29.38	No	5600	360000	15	64.2887	Si
4092 Prosp.A	Orizzontale	SLE RA 1	-2.7603	-108.05	No	-5532	360000	15	65.0811	Si
6739 Prosp.A	Verticale	SLE RA 7	5.4697	18.83	No	5518	360000	15	65.2405	Si
6744 Prosp.A	Verticale	SLE RA 7	5.7356	15.86	No	5514	360000	15	65.2923	Si
5803 Prosp.A	Verticale	SLE RA 7	2.9735	41.28	No	5327	360000	15	67.5831	Si
4362 Prosp.A	Orizzontale	SLE RA 1	1.2452	-88.94	No	-5284	360000	15	68.1264	Si
5497 Prosp.A	Orizzontale	SLE RA 7	15.6858	-85.47	No	5244	360000	15	68.6478	Si
5496 Prosp.A	Orizzontale	SLE RA 7	15.4795	-83.54	No	5231	360000	15	68.8232	Si
5502 Prosp.A	Orizzontale	SLE RA 7	28.107	-143.32	No	5100	360000	15	70.5914	Si
6741 Prosp.A	Verticale	SLE RA 7	5.3605	13.37	No	5051	360000	15	71.2758	Si
6735 Prosp.A	Verticale	SLE RA 7	4.4864	21.14	No	4925	360000	15	73.0959	Si
5503 Prosp.A	Orizzontale	SLE RA 7	28.2498	-149.81	No	4923	360000	15	73.1301	Si
5517 Prosp.A	Orizzontale	SLE RA 7	18.1392	-48.21	No	4835	360000	15	74.4605	Si
4363 Prosp.A	Orizzontale	SLE RA 1	1.5454	-85.45	No	-4828	360000	15	74.5586	Si
5518 Prosp.A	Orizzontale	SLE RA 7	18.0721	-48.82	No	4789	360000	15	75.1738	Si
5848 Prosp.A	Orizzontale	SLE RA 7	14.3483	-15.66	No	4621	360000	15	77.9016	Si
5849 Prosp.A	Orizzontale	SLE RA 7	14.2302	-15.19	No	4595	360000	15	78.3432	Si
6745 Prosp.A	Verticale	SLE RA 7	4.2836	16.25	No	4427	360000	15	81.3258	Si
6734 Prosp.A	Verticale	SLE RA 7	4.2721	14.97	No	4328	360000	15	83.1784	Si
5537 Prosp.A	Verticale	SLE RA 7	-8.7664	21.05	No	4172	360000	15	86.2863	Si
5214 Prosp.A	Verticale	SLE RA 7	-9.0494	17.81	No	4168	360000	15	86.3717	Si
5215 Prosp.A	Verticale	SLE RA 7	-8.828	17.42	No	4068	360000	15	88.5008	Si
5538 Prosp.A	Verticale	SLE RA 7	-8.549	20.23	No	4058	360000	15	88.7044	Si
4364 Prosp.A	Orizzontale	SLE RA 1	2.6909	-139.3	No	-3940	360000	15	91.3772	Si
5524 Prosp.A	Orizzontale	SLE RA 7	15.1088	-42.81	No	3933	360000	15	91.5389	Si
5525 Prosp.A	Orizzontale	SLE RA 7	15.0683	-43.25	No	3903	360000	15	92.2467	Si
5852 Prosp.A	Orizzontale	SLE RA 7	9.2987	14.34	No	3863	360000	15	93.1909	Si
5851 Prosp.A	Orizzontale	SLE RA 7	9.3466	13.84	No	3862	360000	15	93.2064	Si
6746 Prosp.A	Verticale	SLE RA 7	4.0961	10.11	No	3852	360000	15	93.4569	Si
6737 Prosp.A	Verticale	SLE RA 7	3.0387	21.39	No	3832	360000	15	93.9493	Si
6733 Prosp.A	Verticale	SLE RA 7	4.1215	9.37	No	3819	360000	15	94.2561	Si
4365 Prosp.A	Orizzontale	SLE RA 1	3.3275	-135.51	No	-3576	360000	15	100.6703	Si
4090 Prosp.A	Orizzontale	SLE RA 4	-4.572	-146.74	No	-3523	360000	15	102.1999	Si
6743 Prosp.A	Verticale	SLE RA 7	2.9941	17.4	No	3518	360000	15	102.3452	Si
4936 Prosp.A	Verticale	SLE RA 7	-7.7543	11.96	No	3454	360000	15	104.2168	Si
4937 Prosp.A	Verticale	SLE RA 7	-7.6935	12.21	No	3440	360000	15	104.6609	Si
5194 Prosp.A	Orizzontale	SLE RA 7	16.2466	-69.16	No	3409	360000	15	105.5964	Si
6747 Prosp.A	Verticale	SLE RA 7	3.9835	4.81	No	3394	360000	15	106.0639	Si
5191 Prosp.A	Orizzontale	SLE RA 7	19.3296	-101.32	No	3381	360000	15	106.4663	Si
6732 Prosp.A	Verticale	SLE RA 7	4.0931	3.03	No	3353	360000	15	107.3648	Si
5193 Prosp.A	Orizzontale	SLE RA 7	15.8024	-68.1	No	3287	360000	15	109.5372	Si
5190 Prosp.A	Orizzontale	SLE RA 7	18.8445	-99.24	No	3280	360000	15	109.7621	Si
4093 Prosp.A	Orizzontale	SLE RA 1	-2.9908	-123.26	No	-3266	360000	15	110.2301	Si
6740 Prosp.A	Verticale	SLE RA 7	2.4258	19.88	No	3255	360000	15	110.5847	Si
5535 Prosp.A	Orizzontale	SLE RA 7	5.9197	31.54	No	3254	360000	15	110.6398	Si
5534 Prosp.A	Orizzontale	SLE RA 7	5.9562	29.38	No	3191	360000	15	112.8343	Si
5527 Prosp.A	Orizzontale	SLE RA 7	12.1299	-34.09	No	3167	360000	15	113.6608	Si
5528 Prosp.A	Orizzontale	SLE RA 7	12.0936	-33.87	No	3162	360000	15	113.85	Si
5828 Prosp.A	Verticale	SLE RA 7	6.6041	14.43	No	3092	360000	15	116.4273	Si
6748 Prosp.A	Verticale	SLE RA 7	3.9837	-0.89	No	2994	360000	15	120.2395	Si
5823 Prosp.A	Verticale	SLE RA 7	6.2356	15.14	No	2973	360000	15	121.0877	Si
5835 Prosp.A	Verticale	SLE RA 7	6.5409	10.68	No	2934	360000	15	122.6927	Si
5186 Prosp.A	Orizzontale	SLE RA 7	22.049	-143.42	No	2908	360000	15	123.7975	Si
5813 Prosp.A	Verticale	SLE RA 7	5.9316	15.7	No	2874	360000	15	125.259	Si
5197 Prosp.A	Orizzontale	SLE RA 7	13.3943	-56.56	No	2827	360000	15	127.3544	Si
5182 Prosp.A	Orizzontale	SLE RA 7	11.6231	-78.8	No	2813	360000	15	127.997	Si
5185 Prosp.A	Orizzontale	SLE RA 7	21.546	-141.84	No	2782	360000	15	129.3996	Si
6731 Prosp.A	Verticale	SLE RA 7	3.8721	-2.88	No	2769	360000	15	130.0072	Si
5532 Prosp.A	Orizzontale	SLE RA 7	8.9343	-12.86	No	2767	360000	15	130.0889	Si
5531 Prosp.A	Orizzontale	SLE RA 7	8.9336	-13.82	No	2733	360000	15	131.7305	Si
5196 Prosp.A	Orizzontale	SLE RA 7	13.0066	-55.57	No	2722	360000	15	132.2466	Si
5855 Prosp.A	Orizzontale	SLE RA 7	2.6366	27.42	No	2714	360000	15	132.6517	Si
5538 Prosp.A	Orizzontale	SLE RA 7	2.3454	30.28	No	2708	360000	15	132.9458	Si

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	of	of limite	Es/Ec	c.s.	Verifica
5840 Prosp.A	Verticale	SLE RA 7	6.4254	5.32	No	2699	360000	15	133.3741	Si
5854 Prosp.A	Orizzontale	SLE RA 7	2.6958	26.52	No	2699	360000	15	133.3841	Si
5537 Prosp.A	Orizzontale	SLE RA 7	2.32	29.72	No	2667	360000	15	134.9838	Si
5829 Prosp.A	Verticale	SLE RA 7	6.2775	5.71	No	2655	360000	15	135.5885	Si
5534 Prosp.A	Verticale	SLE RA 7	-4.7733	22.07	No	2647	360000	15	135.9806	Si
5213 Prosp.A	Orizzontale	SLE RA 7	4.609	27.07	No	2623	360000	15	137.2698	Si
5800 Prosp.A	Verticale	SLE RA 7	-3.2906	0.03	No	2622	360000	15	137.3228	Si
5181 Prosp.A	Orizzontale	SLE RA 7	11.3693	-79.26	No	2600	360000	15	138.4689	Si
5814 Prosp.A	Verticale	SLE RA 7	5.7022	9.92	No	2579	360000	15	139.5638	Si
5836 Prosp.A	Verticale	SLE RA 7	6.2766	2.87	No	2554	360000	15	140.9509	Si
5535 Prosp.A	Verticale	SLE RA 7	-4.6592	20.3	No	2540	360000	15	141.7287	Si
4662 Prosp.A	Verticale	SLE RA 7	-5.861	6.81	No	2532	360000	15	142.1775	Si

2.3 Verifiche pilastrate C.A.

Le unità di misura elencate nel capitolo sono in [m, kN, deg] ove non espressamente specificato.

Q.inf.: quota inferiore. [m]
Q.sup.: quota superiore. [m]
Sezione: sezione impiegata.
Esistente: campata esistente.
Secondaria: campata secondaria.
Dissipativa: campata dissipativa.
Interna a parete: campata adiacente ad una parete in c.a.
Sovraresistenza: aliquota di sovraresistenza da assicurare in verifica.
Materiale CLS: materiale calcestruzzo impiegato.
Materiale Acciaio: materiale/i acciaio impiegato/i.
FC: fattore di confidenza riferito al materiale CLS.
Posizione: posizione della barra.
X: ascissa relativa della barra rispetto al baricentro della sezione. [m]
Y: ordinata relativa della barra rispetto al baricentro della sezione. [m]
Diametro: diametro nominale della barra. [m]
Area: area nominale della barra. [m²]
Q.inf.: quota inferiore della barra. [m]
Q.sup.: quota superiore della barra. [m]
Materiale: materiale della barra.
Quota: quota della sezione. [m]
As: area complessiva delle armature verticali. [m²]
%: percentuale di acciaio.
At: area delle armature verticali destinata alla verifica di torsione. [m²]
Pos.: posizioni barre longitudinali presenti nella sezione.
Mx: momento Mx. [kN*m]
My: momento My. [kN*m]
N: sforzo normale. [kN]
MRdx: momento resistente in direzione X. [kN*m]
MRdy: momento resistente in direzione Y. [kN*m]
Comb.: combinazione peggiore.
Coeff.s.: coefficiente di sicurezza minimo.
Verifica: stato di verifica.
ε, cu: deformazione ultima utilizzata per il calcestruzzo [‰].
ε, fk: deformazione ultima utilizzata per l'acciaio [‰].
C.S.: coefficiente di sicurezza minimo.
Nmin: compressione massima. [kN]
Nlim: compressione limite. [kN]
Comb.Nmin: combinazione in cui si ottiene la compressione massima.
Ver.: stato di verifica.
Staffe: staffatura presente nella sezione.
Direzione X: dati della verifica a taglio in direzione X.
V: taglio di verifica per la direzione considerata. [kN]
N: sforzo normale per la verifica nella direzione considerata. [kN]
Comb.: combinazione per la verifica nella direzione considerata.
VRd: resistenza a taglio del calcestruzzo non staffato per la verifica nella direzione considerata. [kN]
VRsd: resistenza a taglio delle staffe per la verifica nella direzione considerata. [kN]
VRcd: resistenza a taglio delle bielle compresse per la verifica nella direzione considerata. [kN]
Cot: cotagente delle bielle compresse per la verifica nella direzione considerata.
c.s.: coefficiente di sicurezza per la verifica nella direzione considerata.
Direzione Y: dati della verifica a taglio in direzione Y.
σc,max: tensione massima sul calcestruzzo. [kN/m²]
σf,max: tensione massima sull'acciaio. [kN/m²]
Pilastrata: pilastrata cui appartiene il nodo.
Trave: travatura convergente al nodo.
Q.Nodo: quota del nodo oggetto di verifica. [m]
Escluso: nodo escluso dalla verifica da parte dell'utente.
Confinato: nodo interamente confinato.
Segnalazioni Nodo: eventuali indicazioni relative alla verifica del nodo.
Segnalazioni Trave: eventuali indicazioni relative alla travatura.
Angolo travatura: angolo di inclinazione della travatura considerata rispetto all'asse X. [deg]
Staffe: staffe presenti nel nodo.
Coperto: indicazione di copertura del nodo da parte delle staffe.
γRd: fattore di sovraresistenza secondo D.M. 14-01-2008 §7.4.4.3.1.
f_{ywd}: f_{ywd} delle staffe. [kN/m²]
f_{cd}: resistenza di progetto a compressione del calcestruzzo. [kN/m²]
f_{ctd}: resistenza di progetto a trazione del calcestruzzo. [kN/m²]
bc: larghezza del pilastro misurata ortogonalmente alla travatura. [m]
hc: altezza del pilastro misurata ortogonalmente alla travatura. [m]
bw: larghezza della travatura. [m]
bj: larghezza di calcolo del nodo misurata ortogonalmente alla travatura. [m]
h_{jc}: distanza fra le armature estreme del pilastro in direzione parallela alla travatura. [m]
h_{jw}: distanza fra le giaciture di armature superiori e inferiori della travatura. [m]
 $\eta = \alpha J * (1 - f_{cd}/250)$.
Ag: area della sezione orizzontale del nodo. [m²]
Ash: area di staffatura cmq/m. [m²]

As1: area dell'armatura superiore della travatura. [m²]

As2: area dell'armatura inferiore della travatura. [m²]

f_{yd}: f_{yd} dell'armatura della trave. [kN/m²]

Pilastro: pilastro cui appartiene il nodo.

Tipo verifica: tipo verifica secondo D.M. 17-01-18 NTC §7.4.4.3.

V_c: azione tagliante sul nodo derivante dal solo pilastro superiore. [kN]

V_n: azione tagliante effettiva sul nodo (in relazione allo stato di sollecitazione presente). [kN]

V_{jbd}: azione tagliante complessiva sul nodo secondo 7.4.6 oppure 7.4.7 utilizzata per formula 7.4.8 e 7.4.10. [kN]

V_{jhd}: azione tagliante complessiva sul nodo secondo 7.4.11 oppure 7.4.12. [kN]

r,7.4.10: tensione di taglio sul nodo secondo formula 7.4.10. [kN/m²]

v,_d: coefficiente $\nu_{d} = N / (A_g \cdot f_{cd})$.

V_r: taglio resistente per formule 7.4.8, 7.4.11 o 7.4.12 ovvero tensione di taglio resistente secondo formula 7.4.10. [kN]

r,_{res},7.4.10: tensione di taglio resistente secondo formula 7.4.10. [kN/m²]

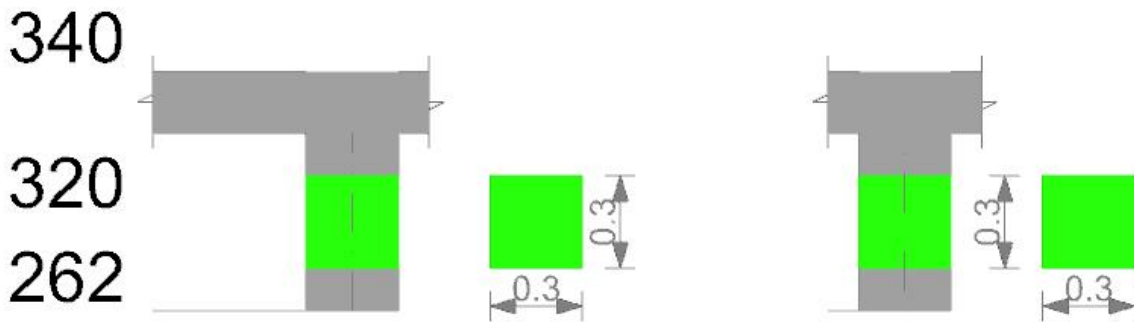
c.s.: coefficiente di sicurezza.

Comb.: combinazione peggiore per la verifica.

Segnalazioni: eventuali indicazioni relative alla verifica.

Pilastino FILO 8

Geometria



Dati della pilastrata

Campate costituenti la pilastrata

Q.inf.	Q.sup.	Sezione	Esistente	Secondaria	Dissipativa	Interna a parete	Sovreresistenza	Materiale CLS	Materiale Acciaio	FC
2.62	3.2	R 30x30	No	No	No	No		C28/35	B450C	

Disposizione delle armature longitudinali

Posizione	X	Y	Diametro	Area	Q.inf.	Q.sup.	Sezione	Materiale
p.1	-0.0835	-0.0835	0.016	0.0002011	2.61	2.62		B450C
p.1	0.0835	-0.0835	0.016	0.0002011	2.61	2.62		B450C
p.1	0.0835	0.0835	0.016	0.0002011	2.61	2.62		B450C
p.1	-0.0835	0.0835	0.016	0.0002011	2.61	2.62		B450C
p.2	-0.0835	-0.0835	0.016	0.0002011	2.62	3.2	R 30x30	B450C
p.2	0.0835	-0.0835	0.016	0.0002011	2.62	3.2	R 30x30	B450C
p.2	0.0835	0.0835	0.016	0.0002011	2.62	3.2	R 30x30	B450C
p.2	-0.0835	0.0835	0.016	0.0002011	2.62	3.2	R 30x30	B450C

Controlli geometrici NTC18

Nessuna anomalia

Verifiche delle sezioni

Verifica a pressoflessione in SLU

Quota	As	%	At	Pos.	Mx	My	N	MRdx	MRdy	Comb.	Coeff.s.	Verifica
2.62	0.000804	1.8	0	1,2	-14.7056	1.818	-15.07	-39.1122	4.8353	SLU 1	2.66	Si
2.91	0.000804	1.8	0	1,2	-6.4215	1.4475	-14.22	-43.6184	9.8321	SLU 1	6.793	Si
3.2	0.000858	1.8	0	2	2.5173	2.0625	-19.43	47.2348	38.7006	SLU 3	18.764	Si

Verifica a pressoflessione in SLV (domini sostanzialmente elastici)

La struttura oppure parte di essa, è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione, per tutte o solo alcune sezioni, viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Le dilatazioni ultime utilizzate sono le dilatazioni limite elastiche

Quota	As	%	At	Pos.	Mx	My	N	ε _{cu}	ε _{fk}	MRdx	MRdy	Comb.	C.S.	Nmin	Nlim	Comb.Nmin	Ver.
2.62	0.000804	1.8	0	1,2	-11.8695	2.2945	-12.87	-2.02	1.92	-33.2446	6.4264	SLV 7	2.801				Si
2.91	0.000804	1.8	0	1,2	-5.1199	1.5889	-12.22	-2.02	1.92	-36.0934	11.2009	SLV 7	7.05				Si
3.2	0.000858	1.8	0	2	1.5761	1.8545	-13.39	-2.02	1.92	29.8595	35.1341	SLV 15	18.945				Si

Verifica a pressoflessione in SLD

La struttura oppure parte di essa, è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione, per tutte o solo alcune sezioni, viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Le dilatazioni ultime utilizzate sono le dilatazioni limite elastiche

Quota	As	%	At	Pos.	Mx	My	N	MRdx	MRdy	Comb.	Coeff.s.	Verifica
2.62	0.000804	1.8	0	1,2	-10.7768	1.922	-12.8	-33.8547	6.0379	SLD 7	3.141	Si
2.91	0.000804	1.8	0	1,2	-4.5977	1.4565	-12.15	-37.0017	11.7221	SLD 7	8.048	Si
3.2	0.000858	1.8	0	2	1.5384	1.5296	-12.52	32.8515	32.6619	SLD 15	21.354	Si

Verifica a taglio in famiglia SLU

Quota	Staffe	Direzione X								Direzione Y								Verifica
		V	N	Comb.	VRd	VRsd	VRcd	Cot	c.s.	V	N	Comb.	VRd	VRsd	VRcd	Cot	c.s.	
2.62	2X/2Y Ø8/14.5	-1.68	-14.83	SLU 10	37.04	142.55	180.72	2.5	85.06	29.86	-21.12	SLU 3	37.77	142.55	181.48	2.5	4.77	Si
2.91	2X/2Y Ø8/14.5	-1.68	-13.98	SLU 10	36.94	142.55	180.61	2.5	85.06	29.86	-20.27	SLU 3	37.67	142.55	181.37	2.5	4.77	Si
3.2	2X/2Y Ø8/14.5	-1.68	-13.14	SLU 10	36.84	142.55	180.51	2.5	85.06	29.86	-19.43	SLU 3	37.95	144.69	184	2.5	4.85	Si

Verifica a taglio in famiglia SLV

Quota	Staffe	Direzione X								Direzione Y								Verifica
		V	N	Comb.	VRd	VRsd	VRcd	Cot	c.s.	V	N	Comb.	VRd	VRsd	VRcd	Cot	c.s.	
2.62	2X/2Y Ø8/14.5	-5.4	-11.41	SLV 3	36.64	142.55	180.3	2.5	26.4	23.3	-13.85	SLV 11	36.92	142.55	180.6	2.5	6.12	Si
2.91	2X/2Y Ø8/14.5	-5.4	-10.76	SLV 3	36.56	142.55	180.22	2.5	26.4	23.3	-13.2	SLV 11	36.85	142.55	180.52	2.5	6.12	Si
3.2	2X/2Y Ø8/14.5	-5.4	-10.11	SLV 3	36.49	142.55	180.15	2.5	26.4	23.3	-12.55	SLV 11	37.13	144.69	183.16	2.5	6.21	Si

Verifica a taglio in famiglia SLD Resistenza

Quota	Staffe	Direzione X								Direzione Y								Verifica
		V	N	Comb.	VRd	VRsd	VRcd	Cot	c.s.	V	N	Comb.	VRd	VRsd	VRcd	Cot	c.s.	
2.62	2X/2Y Ø8/14.5	-3.2	-12.1	SLD 3	36.72	142.55	180.39	2.5	44.57	21.31	-12.8	SLD 7	36.8	142.55	180.47	2.5	6.69	Si
2.91	2X/2Y Ø8/14.5	-3.2	-11.45	SLD 3	36.64	142.55	180.31	2.5	44.57	21.31	-12.15	SLD 7	36.72	142.55	180.39	2.5	6.69	Si
3.2	2X/2Y Ø8/14.5	-3.2	-10.8	SLD 3	36.57	142.55	180.23	2.5	44.57	21.31	-11.5	SLD 7	37.01	144.69	183.03	2.5	6.79	Si

Verifica delle tensioni in combinazioni rara

Tensione limite del calcestruzzo 17430 kN/m²

Tensione limite dell'acciaio 360000 kN/m²

Coefficiente di omogeneizzazione impiegato 15

Quota	Mx	My	N	Comb.	σ _{c,max}	Mx	My	N	Comb.	σ _{f,max}	Verifica
2.62	-10.2824	1.3241	-13.01	SLE RA 2	-4765	-10.2594	1.3231	-11.24	SLE RA 1	116057	Si
2.91	-4.2359	1.4026	-14.62	SLE RA 3	-1257	-4.2359	1.4026	-14.62	SLE RA 3	-11451	Si
3.2	1.8004	1.491	-13.97	SLE RA 3	-782	1.8004	1.491	-13.97	SLE RA 3	-7431	Si

Verifica delle tensioni sul calcestruzzo in combinazioni quasi permanentiTensione limite del calcestruzzo 13073 kN/m²

Coefficiente di omogeneizzazione impiegato 1.5

Quota	Mx	My	N	Comb.	$\sigma_{c,max}$	Verifica
2.62	-10.2594	1.3231	-11.24	SLE QP 1	-4765	Si
2.91	-4.3606	1.2403	-12.4	SLE QP 2	-1228	Si
3.2	1.5251	1.1659	-11.75	SLE QP 2	-642	Si

Verifica di apertura delle fessure nella famiglia di combinazioni frequente

Fessurazione non presente

Verifica di apertura delle fessure nella famiglia di combinazioni quasi permanente

Fessurazione non presente

Verifiche nodi trave colonna**Riepilogo dei dati generali dei nodi trave-colonna e delle travature convergenti**

Pilastrata	Trave	Q.Nodo	Escluso	Confinato	Segnalazioni Nodo	Segnalazioni Trave
Pilastrata 8		3.3	No	No		

Verifiche nodi trave colonna in combinazioni SLD**Parametri generali per la verifica secondo il D.M. 17-01-18 NTC §7.4.4.3**

Pilastrata	Q.Nodo	Angolo travatura	Staffe	Coperto	γ_{Rd}	fywd	fcd	fctd	bc	hc	bw	bj	hjc	hjr	η	Ag	Ash	As1	As2	fyd
Pilastrata 8	3.3	180	2X/2Y Ø10/10	Si	1.1	391304	16462	1323	0.3	0.3	0.3	0.3	0.167	0.084	0.424	0.09	0.00031	0.00031	0.00031	391304

Riepilogo dei dati per la verifica del nodo secondo §7.4.4.3

Pilastrata	Q.Nodo	Angolo travatura	Tipo verifica	Vc	Vn	Vjbd	Vjhd	$\tau_{7.4.10}$	N	v,d	Vr	$\tau_{res,7.4.10}$	c.s.	Comb.	Segnalazioni	Verifica
Pilastrata 8	3.3	180	Compressione 7.4.8	0		132.521			0	0	349.808		2.64	SLD 1		Si
Pilastrata 8	3.3	180	Trazione 7.4.10	0		132.521		3967	0	0		4878	1.23	SLD 1		Si

Verifiche nodi trave colonna in combinazioni SLV**Parametri generali per la verifica secondo il D.M. 17-01-18 NTC §7.4.4.3**

Pilastrata	Q.Nodo	Angolo travatura	Staffe	Coperto	γ_{Rd}	fywd	fcd	fctd	bc	hc	bw	bj	hjc	hjr	η	Ag	Ash	As1	As2	fyd
Pilastrata 8	3.3	180	2X/2Y Ø10/10	Si	1.1	391304	16462	1323	0.3	0.3	0.3	0.3	0.167	0.084	0.424	0.09	0.00031	0.00031	0.00031	391304

Riepilogo dei dati per la verifica del nodo secondo §7.4.4.3

Pilastrata	Q.Nodo	Angolo travatura	Tipo verifica	Vc	Vn	Vjbd	Vjhd	$\tau_{7.4.10}$	N	v,d	Vr	$\tau_{res,7.4.10}$	c.s.	Comb.	Segnalazioni	Verifica
Pilastrata 8	3.3	180	Compressione 7.4.8	0		132.521			0	0	349.808		2.64	SLV 1		Si
Pilastrata 8	3.3	180	Trazione 7.4.10	0		132.521		3967	0	0		4878	1.23	SLV 1		Si

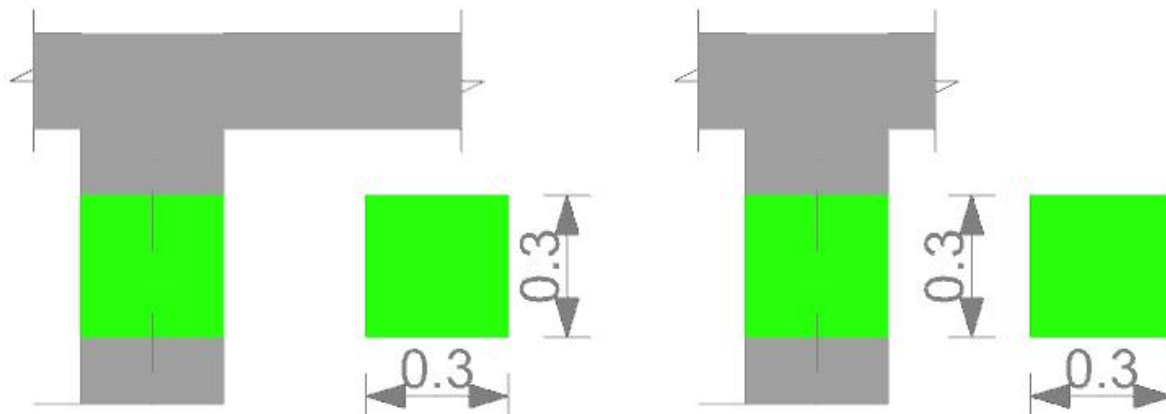
Verifiche di gerarchia delle resistenze nei nodi trave pilastro

Verifiche di gerarchia delle resistenze nei nodi trave pilastro non presenti in quanto la verifica è non necessaria per la pilastrata per il nodo Appoggio 330 in quanto elemento di estremità superiore alla pilastrata.
per il nodo Appoggio 262 in quanto elemento di base della pilastrata.

Pilastrino FILO 6

Geometria

340
320
262



Dati della pilastrata

Campate costituenti la pilastrata

Q.inf.	Q.sup.	Sezione	Esistente	Secondaria	Dissipativa	Interna a parete	Sovraresistenza	Materiale CLS	Materiale Acciaio	FC
2.62	3.2	R 30x30	No	No	No	No		C28/35	B450C	

Disposizione delle armature longitudinali

Posizione	X	Y	Diametro	Area	Q.inf.	Q.sup.	Sezione	Materiale
p.1	-0.0835	-0.0835	0.016	0.0002011	2.61	2.62		B450C
p.1	0.0835	-0.0835	0.016	0.0002011	2.61	2.62		B450C
p.1	0.0835	0.0835	0.016	0.0002011	2.61	2.62		B450C
p.1	-0.0835	0.0835	0.016	0.0002011	2.61	2.62		B450C
p.2	-0.0835	-0.0835	0.016	0.0002011	2.62	3.2	R 30x30	B450C
p.2	0.0835	-0.0835	0.016	0.0002011	2.62	3.2	R 30x30	B450C
p.2	0.0835	0.0835	0.016	0.0002011	2.62	3.2	R 30x30	B450C
p.2	-0.0835	0.0835	0.016	0.0002011	2.62	3.2	R 30x30	B450C

Controlli geometrici NTC18

Nessuna anomalia

Verifiche delle sezioni

Verifica a pressoflessione in SLU

Quota	As	%	At	Pos.	Mx	My	N	MRdx	MRdy	Comb.	Coeff.s.	Verifica
2.62	0.000804	1.8	0	1,2	-10.9936	1.0996	-15.96	-40.9482	4.0958	SLU 1	3.725	Si
2.91	0.000804	1.8	0	1,2	-4.6801	-0.511	-15.11	-49.883	-5.4466	SLU 1	10.659	Si
3.2	0.000858	1.8	0	2	2.2968	-3.0996	-20.32	35.1735	-47.468	SLU 3	15.314	Si

Verifica a pressoflessione in SLV (domini sostanzialmente elastici)

La struttura oppure parte di essa, è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione, per tutte o solo alcune sezioni, viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Le dilatazioni ultime utilizzate sono le dilatazioni limite elastiche

Quota	As	%	At	Pos.	Mx	My	N	ε _{cu}	ε _{fk}	MRdx	MRdy	Comb.	C.S.	Nmin	Nlim	Comb.Nmin	Ver.
2.62	0.000804	1.8	0	1,2	-9.3921	0.88	-14.37	-2.02	1.92	-36.6361	3.4327	SLV 7	3.901				Si
2.91	0.000804	1.8	0	1,2	-3.9609	-0.9689	-12.9	-2.02	1.92	-41.4157	-10.131	SLV 11	10.456				Si
3.2	0.000858	1.8	0	2	1.3403	-2.4948	-13.71	-2.02	1.92	22.2582	-41.4297	SLV 3	16.606				Si

Verifica a pressoflessione in SLD

La struttura oppure parte di essa, è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione, per tutte o solo alcune sezioni, viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Le dilatazioni ultime utilizzate sono le dilatazioni limite elastiche

Quota	As	%	At	Pos.	Mx	My	N	MRdx	MRdy	Comb.	Coeff.s.	Verifica
2.62	0.000804	1.8	0	1,2	-8.2494	0.7036	-13.88	-37.4238	3.1919	SLD 7	4.537	Si
2.91	0.000804	1.8	0	1,2	-3.4392	-0.8336	-12.79	-43.8286	-10.6236	SLD 11	12.744	Si
3.2	0.000858	1.8	0	2	1.3513	-2.1986	-12.99	24.3902	-39.683	SLD 3	18.049	Si

Verifica a taglio in famiglia SLU

Quota	Staffe	Direzione X										Direzione Y										Verifica
		V	N	Comb.	VRd	VRsd	VRcd	Cot	c.s.	V	N	Comb.	VRd	VRsd	VRcd	Cot	c.s.					
2.62	2X/2Y Ø8/14.5	-7.29	-22.02	SLU 3	37.88	142.55	181.58	2.5	19.56	23.08	-22.02	SLU 3	37.88	142.55	181.58	2.5	6.18	Si				
2.91	2X/2Y Ø8/14.5	-7.29	-21.17	SLU 3	37.78	142.55	181.48	2.5	19.56	23.08	-21.17	SLU 3	37.78	142.55	181.48	2.5	6.18	Si				
3.2	2X/2Y Ø8/14.5	-7.29	-20.32	SLU 3	37.68	142.55	181.38	2.5	19.56	23.08	-20.32	SLU 3	38.05	144.69	184.11	2.5	6.27	Si				

Verifica a taglio in famiglia SLV

Quota	Staffe	Direzione X										Direzione Y										Verifica
		V	N	Comb.	VRd	VRsd	VRcd	Cot	c.s.	V	N	Comb.	VRd	VRsd	VRcd	Cot	c.s.					
2.62	2X/2Y Ø8/14.5	-8.93	-14.74	SLV 1	37.03	142.55	180.7	2.5	15.97	18.84	-13.56	SLV 11	36.89	142.55	180.56	2.5	7.56	Si				
2.91	2X/2Y Ø8/14.5	-8.93	-14.09	SLV 1	36.95	142.55	180.63	2.5	15.97	18.84	-12.9	SLV 11	36.81	142.55	180.48	2.5	7.56	Si				
3.2	2X/2Y Ø8/14.5	-8.93	-13.44	SLV 1	36.87	142.55	180.55	2.5	15.97	18.84	-12.26	SLV 11	37.1	144.69	183.12	2.5	7.68	Si				

Verifica a taglio in famiglia SLD Resistenza

Quota	Staffe	Direzione X										Direzione Y										Verifica
		V	N	Comb.	VRd	VRsd	VRcd	Cot	c.s.	V	N	Comb.	VRd	VRsd	VRcd	Cot	c.s.					
2.62	2X/2Y Ø8/14.5	-6.79	-14.21	SLD 1	36.96	142.55	180.64	2.5	21	16.83	-13.44	SLD 11	36.87	142.55	180.55	2.5	8.47	Si				
2.91	2X/2Y Ø8/14.5	-6.79	-13.56	SLD 1	36.89	142.55	180.56	2.5	21	16.83	-12.79	SLD 11	36.8	142.55	180.47	2.5	8.47	Si				
3.2	2X/2Y Ø8/14.5	-6.79	-12.91	SLD 1	36.81	142.55	180.48	2.5	21	16.83	-12.14	SLD 11	37.08	144.69	183.11	2.5	8.6	Si				

Verifica delle tensioni in combinazioni raraTensione limite del calcestruzzo 17430 kN/m²Tensione limite dell'acciaio 360000 kN/m²

Coefficiente di omogeneizzazione impiegato 15

Quota	Mx	My	N	Comb.	σc,max	Mx	My	N	Comb.	σf,max	Verifica
2.62	-7.8042	0.6362	-14.1	SLE RA 4	-3399	-7.7846	0.6228	-11.83	SLE RA 1	81865	Si
2.91	-3.0764	-0.7769	-15.22	SLE RA 3	-911	-3.0764	-0.7769	-15.22	SLE RA 3	-8593	Si
3.2	1.6533	-2.1827	-14.57	SLE RA 3	-895	1.6533	-2.1827	-14.57	SLE RA 3	-8413	Si

Verifica delle tensioni sul calcestruzzo in combinazioni quasi permanentiTensione limite del calcestruzzo 13073 kN/m²

Coefficiente di omogeneizzazione impiegato 15

Quota	Mx	My	N	Comb.	σc,max	Verifica
2.62	-7.8003	0.6335	-13.65	SLE QP 2	-3399	Si
2.91	-3.2008	-0.6147	-13	SLE QP 2	-881	Si
3.2	1.3781	-1.8574	-12.35	SLE QP 2	-755	Si

Verifica di apertura delle fessure nella famiglia di combinazioni frequente

Fessurazione non presente

Verifica di apertura delle fessure nella famiglia di combinazioni quasi permanente

Fessurazione non presente

Verifiche nodi trave colonna**Riepilogo dei dati generali dei nodi trave-colonna e delle travature convergenti**

Pilastrata	Trave	Q.Nodo	Escluso	Confinato	Segnalazioni Nodo	Segnalazioni Trave
Pilastrata 6		3.3	No	No		

Verifiche nodi trave colonna in combinazioni SLD**Parametri generali per la verifica secondo il D.M. 17-01-18 NTC §7.4.4.3**

Pilastrata	Q.Nodo	Angolo travatura	Staffe	Coperto	γRd	fywd	fcd	fctd	bc	hc	bw	bj	hjc	hjh	η	Ag	Ash	As1	As2	fyd
Pilastrata 6	3.3	0	2X/2Y Ø10/10	Si	1.1	391304	16462	1323	0.3	0.3	0.3	0.3	0.167	0.084	0.424	0.09	0.00031	0.00031	0.00031	391304

Riepilogo dei dati per la verifica del nodo secondo §7.4.4.3

Pilastrata	Q.Nodo	Angolo travatura	Tipo verifica	Vc	Vn	Vjbd	Vjhd	τ,7.4.10	N	v,d	Vr	τ,res,7.4.10	c.s.	Comb.	Segnalazioni	Verifica
Pilastrata 6	3.3	0	Compressione 7.4.8	0		132.521			0	0	349.808		2.64	SLD 1		Si
Pilastrata 6	3.3	0	Trazione 7.4.10	0		132.521		3967	0	0		4878	1.23	SLD 1		Si

Verifiche nodi trave colonna in combinazioni SLV**Parametri generali per la verifica secondo il D.M. 17-01-18 NTC §7.4.4.3**

Pilastrata	Q.Nodo	Angolo travatura	Staffe	Coperto	γRd	fywd	fcd	fctd	bc	hc	bw	bj	hjc	hjh	η	Ag	Ash	As1	As2	fyd
Pilastrata 6	3.3	0	2X/2Y Ø10/10	Si	1.1	391304	16462	1323	0.3	0.3	0.3	0.3	0.167	0.084	0.424	0.09	0.00031	0.00031	0.00031	391304

Riepilogo dei dati per la verifica del nodo secondo §7.4.4.3

Pilastrata	Q.Nodo	Angolo travatura	Tipo verifica	Vc	Vn	Vjbd	Vjhd	τ,7.4.10	N	v,d	Vr	τ,res,7.4.10	c.s.	Comb.	Segnalazioni	Verifica
Pilastrata 6	3.3	0	Compressione 7.4.8	0		132.521			0	0	349.808		2.64	SLV 1		Si
Pilastrata 6	3.3	0	Trazione 7.4.10	0		132.521		3967	0	0		4878	1.23	SLV 1		Si

Verifiche di gerarchia delle resistenze nei nodi trave pilastro

Verifiche di gerarchia delle resistenze nei nodi trave pilastro non presenti in quanto la verifica è non necessaria per la pilastrata per il nodo Appoggio 330 in quanto elemento di estremità superiore alla pilastrata.
per il nodo Appoggio 262 in quanto elemento di base della pilastrata.

2.4 Verifiche travate C.A.

Le unità di misura elencate nel capitolo sono in [m, kN] ove non espressamente specificato.

N°: indice progressivo della sezione.

Descrizione: descrizione della sezione.

Tipo: tipo di sezione.

Base: base della sezione. [m]

Altezza: altezza della sezione. [m]

Copriferro sup.: distanza del bordo della staffa dalla superficie superiore del getto. [m]

Copriferro inf.: distanza del bordo della staffa dalla superficie inferiore del getto. [m]

Copriferro lat.: distanza del bordo della staffa dalle superfici laterali del getto. [m]

x: distanza da asse appoggio sinistro. [m]

A sup.: area efficace di armatura longitudinale superiore. [m²]

C.b. sup.: distanza dal bordo del baricentro dell'armatura longitudinale superiore. [m]

A inf.: area efficace di armatura longitudinale inferiore. [m²]

C.b. inf.: distanza dal bordo del baricentro dell'armatura longitudinale inferiore. [m]

M+ela: momento flettente desunto dal solutore che tende le fibre inferiori. [kN*m]

Comb.: combinazione.

M+des: momento flettente di progetto che tende le fibre inferiori. [kN*m]

M+ult: momento ultimo per trazione delle fibre inferiori. [kN*m]

x/d: rapporto tra posizione asse neutro e altezza utile.

coeff: coefficiente di sicurezza.

M-ela: momento flettente desunto dal solutore che tende le fibre superiori. [kN*m]

M-des: momento flettente di progetto che tende le fibre superiori. [kN*m]

M-ult: momento ultimo per trazione delle fibre superiori. [kN*m]

Verifica: stato di verifica.

A st: area di staffe per unità di lunghezza. [m²]

A sl: area di armatura longitudinale tesa per valutazione resistenza taglio in assenza di armature a taglio. [m²]

A sag: area equivalente di barre piegate per unità di lunghezza. [m²]

Vela: taglio elastico. [kN]

Vdes: taglio di progetto. [kN]

Vrd: resistenza a taglio della sezione senza armature. [kN]

Vrcd: sforzo di taglio che produce il cedimento delle bielle. [kN]

Vrsd: resistenza a taglio per la presenza delle armature. [kN]

Vult: taglio ultimo. [kN]

cotgθ: cotg dell'angolo di inclinazione dei puntoni in calcestruzzo.

Rara: famiglia di combinazione di verifica.

Mela: momento elastico. [kN*m]

Mdes: momento di progetto. [kN*m]

σ c: tensione di compressione nel calcestruzzo. [kN/m²]

σ c lim.: tensione limite di compressione nel calcestruzzo. [kN/m²]

σ f: tensione di trazione nell'acciaio. [kN/m²]

σ f lim.: tensione limite di trazione nell'acciaio. [kN/m²]

Elastica+: massima freccia a sezione interamente reagente di solo calcestruzzo. [m]

Elastica-: minima freccia a sezione interamente reagente di solo calcestruzzo. [m]

Fess.+: massima freccia a sezione fessurata ed omogeneizzata. [m]

Fess.-: minima freccia a sezione fessurata ed omogeneizzata. [m]

Quasi permanente: famiglia di combinazione di verifica.

σ FRP: tensione di trazione nell'FRP. [kN/m²]

σ FRP lim.: tensione limite di trazione nell'FRP. [kN/m²]

Fess. viscosa+: massima freccia a sezione fessurata ed omogeneizzata a viscosità esaurita. [m]

Fess. viscosa-: minima freccia a sezione fessurata ed omogeneizzata a viscosità esaurita. [m]

l/f: rapporto luce su freccia in combinazione quasi permanente.

Frequente: famiglia di combinazione di verifica.

Diagramma verifica stato limite ultimo taglio

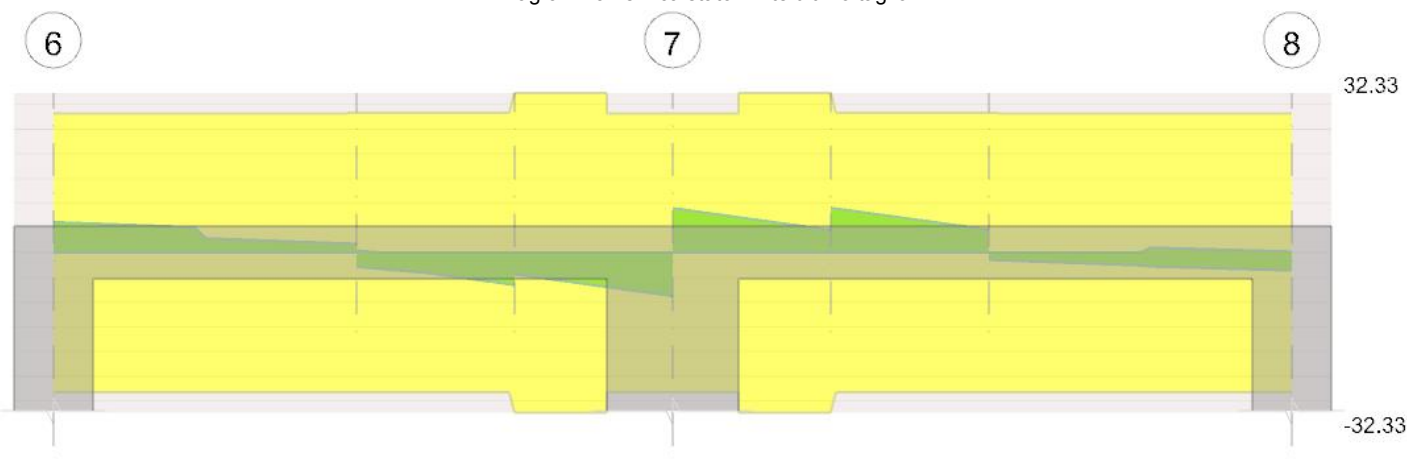
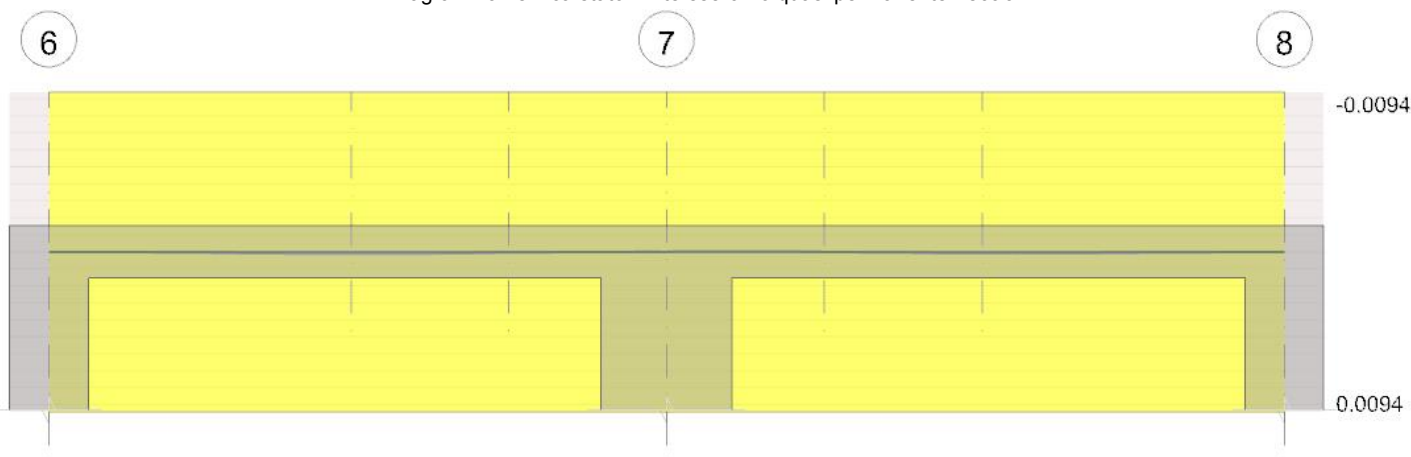


Diagramma verifica stato limite esercizio quasi permanente freccia



Output campate

Campata 1 tra i fili 6 - , sezione R 30x20, aste 3, 4

Verifiche a flessione in famiglia SLU

x	A sup.	C.b. sup.	A inf.	C.b. inf.	M+ela	Comb.	M+des	M+ult	x/d	coeff	M-ela	Comb.	M-des	M-ult	x/d	coeff	Verifica
0	0.000308	0.058	0.000308	0.058							-2.8799	SLU 3	-2.4178	-17.289	0.322	7.15	Si
0.15	0.000308	0.058	0.000308	0.058							-1.9775	SLU 3	-1.9775	-17.289	0.322	8.74	Si
0.57	0.000308	0.058	0.000308	0.058	0.2625	SLU 7	0.4375	17.289	0.322	39.52	0.0391	SLU 1	-0.0823	-17.289	0.322	209.95	Si
1.15	0.000308	0.058	0.000308	0.058	1.5868	SLU 7	1.5868	17.289	0.322	10.9							Si

Verifiche a flessione in famiglia SLV (domini sostanzialmente elastici)

La struttura oppure parte di essa, è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione, per tutte o solo alcune sezioni, viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Le dilatazioni ultime utilizzate sono le seguenti: $\epsilon_{c2} = 0.002$, $\epsilon_{yd} = 0.0019$

x	A sup.	C.b. sup.	A inf.	C.b. inf.	M+ela	Comb.	M+des	M+ult	x/d	coeff	M-ela	Comb.	M-des	M-ult	x/d	coeff	Verifica
0	0.000308	0.058	0.000308	0.058							-2.8806	SLV 1	-2.471	-15.3763	0.332	6.22	Si
0.15	0.000308	0.058	0.000308	0.058							-2.0782	SLV 1	-2.0782	-15.3763	0.332	7.4	Si
0.57	0.000308	0.058	0.000308	0.058	0.3549	SLV 15	0.4534	15.3763	0.332	33.91	-0.0996	SLV 1	-0.2787	-15.3763	0.332	55.18	Si
1.15	0.000308	0.058	0.000308	0.058	1.0423	SLV 15	1.0423	15.3763	0.332	14.75							Si

Verifiche SLD Resistenza a flessione (domini sostanzialmente elastici)

La struttura oppure parte di essa, è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione, per tutte o solo alcune sezioni, viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Le dilatazioni ultime utilizzate sono le seguenti: $\epsilon_{c2} = 0.002$, $\epsilon_{yd} = 0.0019$

x	A sup.	C.b. sup.	A inf.	C.b. inf.	M+ela	Comb.	M+des	M+ult	x/d	coeff	M-ela	Comb.	M-des	M-ult	x/d	coeff	Verifica
0	0.000308	0.058	0.000308	0.058							-2.3361	SLD 1	-1.9873	-15.3763	0.332	7.74	Si
0.15	0.000308	0.058	0.000308	0.058							-1.6554	SLD 1	-1.6554	-15.3763	0.332	9.29	Si
0.57	0.000308	0.058	0.000308	0.058	0.2541	SLD 15	0.3594	15.3763	0.332	42.79	0.0012	SLD 1	-0.15	-15.3763	0.332	102.51	Si
1.15	0.000308	0.058	0.000308	0.058	1.0031	SLD 15	1.0031	15.3763	0.332	15.33							Si

Verifiche a taglio in famiglia SLU

x	A st	A sl	A sag	Vela	Comb.	Vdes	Vrd	Vrcd	Vrsd	Vult	cotgθ	coeff	Verifica
0	0	0.000308	0	6.16	SLU 3	6.16	28.2	157.79	0	28.2	1	4.58	Si
0.15	0.0000051	0.000308	0	5.87	SLU 3	5.87	28.2	157.79	25.45	28.2	1	4.8	Si
0.57	0.0000051	0.000308	0	2.89	SLU 3	2.89	28.2	157.79	25.45	28.2	1	9.77	Si
1.15	0.0000057	0.000308	0	1.77	SLU 3	1.77	28.2	157.79	28.27	28.27	1	16	Si

Verifiche a taglio in famiglia SLV

x	A st	A sl	A sag	Vela	Comb.	Vdes	Vrd	Vrcd	Vrsd	Vult	cotgθ	coeff	Verifica
0	0	0.000308	0	5.46	SLV 1	5.46	28.2	157.79	0	28.2	1	5.16	Si
0.15	0.0000051	0.000308	0	5.24	SLV 1	5.24	28.2	157.79	25.45	28.2	1	5.39	Si
0.57	0.0000051	0.000308	0	2.17	SLV 3	2.17	28.2	157.79	25.45	28.2	1	12.98	Si
1.15	0.0000057	0.000308	0	1.31	SLV 3	1.31	28.2	157.79	28.27	28.27	1	21.58	Si

Verifiche SLD Resistenza a taglio

x	A st	A sl	A sag	Vela	Comb.	Vdes	Vrd	Vrcd	Vrsd	Vult	cotgθ	coeff	Verifica
0	0	0.000308	0	4.65	SLD 1	4.65	28.2	157.79	0	28.2	1	6.06	Si
0.15	0.0000051	0.000308	0	4.43	SLD 1	4.43	28.2	157.79	25.45	28.2	1	6.37	Si
0.57	0.0000051	0.000308	0	2.03	SLD 3	2.03	28.2	157.79	25.45	28.2	1	13.89	Si
1.15	0.0000057	0.000308	0	1.17	SLD 3	1.17	28.2	157.79	28.27	28.27	1	24.19	Si

Verifiche delle tensioni in esercizio

x	Rara								Quasi permanente								Verifica
	Mela	Comb.	Mdes	σ c	σ c lim.	σ f.	σ f lim.	Mela	Comb.	Mdes	σ c	σ c lim.	σ FRP	σ FRP lim.			
0	-1.9845	3	-1.6586	767	17430	11503	360000	-1.6924	2	-1.4164	655	13073			Si		
0.15	-1.3496	3	-1.3496	624	17430	9359	360000	-1.1573	2	-1.1573	535	13073			Si		
0.57	0.2121	7	0.3374	156	17430	2340	360000	0.1277	4	0.2416	112	13073			Si		
1.15	1.1458	7	1.1458	530	17430	7946	360000	0.956	4	0.956	442	13073			Si		

Verifica di apertura delle fessure

La campata non presenta apertura delle fessure

Verifica di deformabilità

x	Rara				Frequente				Quasi permanente								Verifica
	Elastica+	Elastica-	Fess.+	Fess.-	Elastica+	Elastica-	Fess.+	Fess.-	Elastica+	Elastica-	Fess. viscosa+	Comb.	Fess. viscosa-	Comb.	l/f		
0.15	0	0	0	0	0	0	0	0	0	0	0.00001	4	0	4	9999	Si	
0.57	0.00004	0.00002	0.00003	0.00002	0.00003	0.00002	0.00003	0.00002	0.00003	0.00002	0.00007	4	0.00005	4	9999	Si	
1.15	0.00006	0.00004	0.00006	0.00004	0.00006	0.00004	0.00005	0.00004	0.00005	0.00004	0.00013	4	0.0001	4	9999	Si	

Campata 2 tra i fili - , sezione R 30x20, asta 5

Verifiche a flessione in famiglia SLU

x	A sup.	C.b. sup.	A inf.	C.b. inf.	M+ela	Comb.	M+des	M+ult	x/d	coeff	M-ela	Comb.	M-des	M-ult	x/d	coeff	Verifica
0	0.000308	0.058	0.000308	0.058	2.485	SLU 7	2.485	17.289	0.322	6.96							Si
0.3	0.000308	0.058	0.000308	0.058	1.5175	SLU 3	1.7694	17.289	0.322	9.77							Si
0.6	0.000308	0.058	0.000308	0.058	0.0664	SLU 1	0.3419	17.289	0.322	50.57	-0.1265	SLU 7	-0.1265	-17.289	0.322	136.64	Si

Verifiche a flessione in famiglia SLV (domini sostanzialmente elastici)

La struttura oppure parte di essa, è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione, per tutte o solo alcune sezioni, viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Le dilatazioni ultime utilizzate sono le seguenti: $\epsilon_{c2} = 0.002$, $\epsilon_{yd} = 0.0019$

x	A sup.	C.b. sup.	A inf.	C.b. inf.	M+ela	Comb.	M+des	M+ult	x/d	coeff	M-ela	Comb.	M-des	M-ult	x/d	coeff	Verifica
0	0.000308	0.058	0.000308	0.058	1.6112	SLV 15	1.6112	15.3763	0.332	9.54							Si
0.3	0.000308	0.058	0.000308	0.058	1.3003	SLV 1	1.3567	15.3763	0.332	11.33							Si
0.6	0.000308	0.058	0.000308	0.058	0.8044	SLV 1	0.942	15.3763	0.332	16.32	-0.9545	SLV 15	-0.9545	-15.3763	0.332	16.11	Si

Verifiche SLD Resistenza a flessione (domini sostanzialmente elastici)

La struttura oppure parte di essa, è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione, per tutte o solo alcune sezioni, viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Le dilatazioni ultime utilizzate sono le seguenti: $\epsilon_{c2} = 0.002$, $\epsilon_{yd} = 0.0019$

x	A sup.	C.b. sup.	A inf.	C.b. inf.	M+ela	Comb.	M+des	M+ult	x/d	coeff	M-ela	Comb.	M-des	M-ult	x/d	coeff	Verifica
0	0.000308	0.058	0.000308	0.058	1.5575	SLD 15	1.5575	15.3763	0.332	9.87							Si
0.3	0.000308	0.058	0.000308	0.058	1.1299	SLD 1	1.2287	15.3763	0.332	12.51							Si
0.6	0.000308	0.058	0.000308	0.058	0.4121	SLD 1	0.596	15.3763	0.332	25.8	-0.5622	SLD 15	-0.5622	-15.3763	0.332	27.35	Si

Verifiche a taglio in famiglia SLU

x	A st	A sl	A sag	Vela	Comb.	Vdes	Vrd	Vrcd	Vrsd	Vult	cotgθ	coeff	Verifica
0	0.0000057	0.000308	0	-2.15	SLU 7	-2.15	-28.2	-157.79	-28.27	-28.27	1	13.17	Si
0.3	0.0000057	0.000308	0	-4.35	SLU 7	-4.35	-28.2	-157.79	-28.27	-28.27	1	6.5	Si
0.58	0.0000057	0.000308	0	-6.41	SLU 7	-6.41	-28.2	-157.79	-28.27	-28.27	1	4.41	Si
0.6	0.0000065	0.000308	0	-6.56	SLU 7	-6.56	-28.2	-157.79	-32.33	-32.33	1	4.93	Si

Verifiche a taglio in famiglia SLV

x	A st	A sl	A sag	Vela	Comb.	Vdes	Vrd	Vrcd	Vrsd	Vult	cotgθ	coeff	Verifica
0	0.0000057	0.000308	0	0.43	SLV 1	0.43	28.2	157.79	28.27	28.27	1	66.06	Si
0	0.0000057	0.000308	0	-2.88	SLV 15	-2.88	-28.2	-157.79	-28.27	-28.27	1	9.81	Si
0.3	0.0000057	0.000308	0	-4.27	SLV 15	-4.27	-28.2	-157.79	-28.27	-28.27	1	6.62	Si
0.58	0.0000057	0.000308	0	-5.56	SLV 15	-5.56	-28.2	-157.79	-28.27	-28.27	1	5.08	Si
0.6	0.0000065	0.000308	0	-5.66	SLV 15	-5.66	-28.2	-157.79	-32.33	-32.33	1	5.72	Si

Verifiche SLD Resistenza a taglio

x	A st	A sl	A sag	Vela	Comb.	Vdes	Vrd	Vrcd	Vrsd	Vult	cotgθ	coeff	Verifica
0	0.0000057	0.000308	0	-2.14	SLD 15	-2.14	-28.2	-157.79	-28.27	-28.27	1	13.19	Si
0.3	0.0000057	0.000308	0	-3.53	SLD 15	-3.53	-28.2	-157.79	-28.27	-28.27	1	8.01	Si
0.58	0.0000057	0.000308	0	-4.82	SLD 15	-4.82	-28.2	-157.79	-28.27	-28.27	1	5.86	Si
0.6	0.0000065	0.000308	0	-4.92	SLD 15	-4.92	-28.2	-157.79	-32.33	-32.33	1	6.58	Si

Verifiche delle tensioni in esercizio

x	Rara								Quasi permanente								Verifica
	Mela	Comb.	Mdes	σ c	σ c lim.	σ f.	σ f lim.	Mela	Comb.	Mdes	σ c	σ c lim.	σ FRP	σ FRP lim.			
0	1.7936	7	1.7936	829	17430	12439	360000	1.4934	4	1.4934	690	13073			Si		
0.3	1.0578	3	1.2462	576	17430	8642	360000	0.9211	2	1.0723	496	13073			Si		
0.6	-0.147	7	-0.147	68	17430	1019	360000	-0.075	4	-0.075	35	13073			Si		

Verifica di apertura delle fessure

La campata non presenta apertura delle fessure

Verifica di deformabilità

x	Rara				Frequente				Quasi permanente								Verifica
	Elastica+	Elastica-	Fess.+	Fess.-	Elastica+	Elastica-	Fess.+	Fess.-	Elastica+	Elastica-	Fess. viscosa+	Comb.	Fess. viscosa-	Comb.	l/f		
0	0.00006	0.00004	0.00006	0.00004	0.00006	0.00004	0.00005	0.00004	0.00005	0.00004	0.00013	4	0.0001	4	9999	Si	
0.04	0.00006	0.00004	0.00006	0.00004	0.00006	0.00004	0.00005	0.00004	0.00005	0.00004	0.00013	4	0.0001	4	9999	Si	
0.3	0.00006	0.00004	0.00005	0.00003	0.00005	0.00004	0.00004	0.00003	0.00005	0.00004	0.00012	4	0.00009	4	9999	Si	
0.6	0.00003	0.00002	0.00003	0.00002	0.00003	0.00002	0.00002	0.00002	0.00003	0.00002	0.00007	2	0.00005	2	9999	Si	

Campata 3 tra i fili - 7, sezione R 30x20, asta 6**Verifiche a flessione in famiglia SLU**

x	A sup.	C.b. sup.	A inf.	C.b. inf.	M+ela	Comb.	M+des	M+ult	x/d	coeff	M-ela	Comb.	M-des	M-ult	x/d	coeff	Verifica
0	0.000308	0.058	0.000308	0.058	0.1613	SLU 1	0.1613	17.289	0.322	107.18	0.0968	SLU 7	-0.1922	-17.289	0.322	89.97	Si
0.3	0.000308	0.058	0.000308	0.058							-1.5497	SLU 7	-1.8885	-17.289	0.322	9.15	Si
0.35	0.000308	0.058	0.000308	0.058							-1.8885	SLU 7	-1.8885	-17.289	0.322	9.15	Si
0.6	0.000308	0.058	0.000308	0.058							-3.8575	SLU 7	-2.7583	-17.289	0.322	6.27	Si

Verifiche a flessione in famiglia SLV (domini sostanzialmente elastici)

La struttura oppure parte di essa, è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione, per tutte o solo alcune sezioni, viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Le dilatazioni ultime utilizzate sono le seguenti: $\epsilon_{c2}= 0.002$, $\epsilon_{yd}= 0.0019$

x	A sup.	C.b. sup.	A inf.	C.b. inf.	M+ela	Comb.	M+des	M+ult	x/d	coeff	M-ela	Comb.	M-des	M-ult	x/d	coeff	Verifica
0	0.000308	0.058	0.000308	0.058	0.5697	SLV 1	0.5697	15.3763	0.332	26.99	-0.4411	SLV 15	-0.6215	-15.3763	0.332	24.74	Si
0.3	0.000308	0.058	0.000308	0.058							-1.4774	SLV 15	-1.6923	-15.3763	0.332	9.09	Si
0.35	0.000308	0.058	0.000308	0.058							-1.6923	SLV 15	-1.6923	-15.3763	0.332	9.09	Si
0.6	0.000308	0.058	0.000308	0.058							-2.9453	SLV 15	-2.2734	-15.3763	0.332	6.76	Si

Verifiche SLD Resistenza a flessione (domini sostanzialmente elastici)

La struttura oppure parte di essa, è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione, per tutte o solo alcune sezioni, viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Le dilatazioni ultime utilizzate sono le seguenti: $\epsilon_{c2}= 0.002$, $\epsilon_{yd}= 0.0019$

x	A sup.	C.b. sup.	A inf.	C.b. inf.	M+ela	Comb.	M+des	M+ult	x/d	coeff	M-ela	Comb.	M-des	M-ult	x/d	coeff	Verifica
0	0.000308	0.058	0.000308	0.058	0.3444	SLD 1	0.3444	15.3763	0.332	44.64	-0.2158	SLD 15	-0.3927	-15.3763	0.332	39.16	Si
0.3	0.000308	0.058	0.000308	0.058							-1.2315	SLD 15	-1.4421	-15.3763	0.332	10.66	Si
0.35	0.000308	0.058	0.000308	0.058							-1.4421	SLD 15	-1.4421	-15.3763	0.332	10.66	Si
0.6	0.000308	0.058	0.000308	0.058							-2.6709	SLD 15	-1.9978	-15.3763	0.332	7.7	Si

Verifiche a taglio in famiglia SLU

x	A st	A sl	A sag	Vela	Comb.	Vdes	Vrd	Vrcd	Vrsd	Vult	cotgθ	coeff	Verifica
0	0.0000065	0.000308	0	-4.39	SLU 7	-4.39	-28.2	-157.79	-32.33	-32.33	1	7.37	Si
0.3	0.0000065	0.000308	0	-6.59	SLU 7	-6.59	-28.2	-157.79	-32.33	-32.33	1	4.9	Si
0.35	0.0000065	0.000308	0	-6.96	SLU 7	-6.96	-28.2	-157.79	-32.33	-32.33	1	4.65	Si
0.6	0	0.000308	0	-8.8	SLU 7	-8.8	-28.2	-157.79	0	-28.2	1	3.21	Si

Verifiche a taglio in famiglia SLV

x	A st	A sl	A sag	Vela	Comb.	Vdes	Vrd	Vrcd	Vrsd	Vult	cotgθ	coeff	Verifica
0	0.0000065	0.000308	0	-3.03	SLV 15	-3.03	-28.2	-157.79	-32.33	-32.33	1	10.66	Si
0.3	0.0000065	0.000308	0	-4.42	SLV 15	-4.42	-28.2	-157.79	-32.33	-32.33	1	7.32	Si
0.35	0.0000065	0.000308	0	-4.65	SLV 15	-4.65	-28.2	-157.79	-32.33	-32.33	1	6.95	Si
0.6	0	0.000308	0	-5.8	SLV 15	-5.8	-28.2	-157.79	0	-28.2	1	4.86	Si

Verifiche SLD Resistenza a taglio

x	A st	A sl	A sag	Vela	Comb.	Vdes	Vrd	Vrcd	Vrsd	Vult	cotgθ	coeff	Verifica
0	0.0000065	0.000308	0	-2.83	SLD 15	-2.83	-28.2	-157.79	-32.33	-32.33	1	11.43	Si
0.3	0.0000065	0.000308	0	-4.22	SLD 15	-4.22	-28.2	-157.79	-32.33	-32.33	1	7.67	Si
0.35	0.0000065	0.000308	0	-4.45	SLD 15	-4.45	-28.2	-157.79	-32.33	-32.33	1	7.27	Si
0.6	0	0.000308	0	-5.6	SLD 15	-5.6	-28.2	-157.79	0	-28.2	1	5.04	Si

Verifiche delle tensioni in esercizio

x	Rara								Quasi permanente								Verifica
	Mela	Comb.	Mdes	σ_c	σ_c lim.	σ_f	σ_f lim.	Mela	Comb.	Mdes	σ_c	σ_c lim.	σ_{FRP}	σ_{FRP} lim.			
0	0.0809	1	0.0809	37	17430	561	360000	0.0809	1	0.0809	37	13073			Si		
0.3	-1.1381	7	-1.3787	637	17430	9562	360000	-0.9279	4	-1.1338	524	13073			Si		
0.35	-1.3787	7	-1.3787	637	17430	9562	360000	-1.1338	4	-1.1338	524	13073			Si		
0.6	-2.7729	7	-1.9962	923	17430	13844	360000	-2.3358	4	-1.6627	769	13073			Si		

Verifica di apertura delle fessure

La campata non presenta apertura delle fessure

Verifica di deformabilità

x	Rara				Frequente				Quasi permanente						Verifica	
	Elastica+	Elastica-	Fess.+	Fess.-	Elastica+	Elastica-	Fess.+	Fess.-	Elastica+	Elastica-	Fess. viscosa+	Comb.	Fess. viscosa-	Comb.		lf
0	0.00003	0.00002	0.00003	0.00002	0.00003	0.00002	0.00002	0.00002	0.00003	0.00002	0.00007	2	0.00005	2	9999	Si
0.3	0.00001	0.00001	0.00001	0	0.00001	0.00001	0.00001	0	0.00001	0.00001	0.00002	2	0.00001	2	9999	Si
0.35	0.00001	0.00001	0	0	0.00001	0.00001	0	0	0.00001	0.00001	0.00001	2	0.00001	2	9999	Si

Campata 4 tra i fili 7 - , sezione R 30x20, asta 7**Verifiche a flessione in famiglia SLU**

x	A sup.	C.b. sup.	A inf.	C.b. inf.	M+ela	Comb.	M+des	M+ult	x/d	coeff	M-ela	Comb.	M-des	M-ult	x/d	coeff	Verifica
0	0.000308	0.058	0.000308	0.058							-4.7361	SLU 7	-3.6137	-17.289	0.322	4.78	Si
0.25	0.000308	0.058	0.000308	0.058							-2.7206	SLU 7	-2.7206	-17.289	0.322	6.35	Si
0.3	0.000308	0.058	0.000308	0.058							-2.3719	SLU 7	-2.7206	-17.289	0.322	6.35	Si
0.6	0.000308	0.058	0.000308	0.058							-0.6695	SLU 7	-0.9699	-17.289	0.322	17.82	Si

Verifiche a flessione in famiglia SLV (domini sostanzialmente elastici)

La struttura oppure parte di essa, è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione, per tutte o solo alcune sezioni, viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Le dilatazioni ultime utilizzate sono le seguenti: $\epsilon_{c2}= 0.002$, $\epsilon_{yd}= 0.0019$

x	A sup.	C.b. sup.	A inf.	C.b. inf.	M+ela	Comb.	M+des	M+ult	x/d	coeff	M-ela	Comb.	M-des	M-ult	x/d	coeff	Verifica
0	0.000308	0.058	0.000308	0.058							-3.5214	SLV 3	-2.8365	-15.3763	0.332	5.42	Si
0.25	0.000308	0.058	0.000308	0.058							-2.2421	SLV 3	-2.2421	-15.3763	0.332	6.86	Si
0.3	0.000308	0.058	0.000308	0.058							-2.0216	SLV 3	-2.2421	-15.3763	0.332	6.86	Si
0.6	0.000308	0.058	0.000308	0.058	0.0607	SLV 13	0.0607	15.3763	0.332	253.32	-0.9536	SLV 3	-1.1406	-15.3763	0.332	13.48	Si

Verifiche SLD Resistenza a flessione (domini sostanzialmente elastici)

La struttura oppure parte di essa, è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione, per tutte o solo alcune sezioni, viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Le dilatazioni ultime utilizzate sono le seguenti: $\epsilon_{c2}= 0.002$, $\epsilon_{yd}= 0.0019$

x	A sup.	C.b. sup.	A inf.	C.b. inf.	M+ela	Comb.	M+des	M+ult	x/d	coeff	M-ela	Comb.	M-des	M-ult	x/d	coeff	Verifica
0	0.000308	0.058	0.000308	0.058							-3.2516	SLD 3	-2.5643	-15.3763	0.332	6	Si

x	A sup.	C.b. sup.	A inf.	C.b. inf.	M+ela	Comb.	M+des	M+ult	x/d	coeff	M-ela	Comb.	M-des	M-ult	x/d	coeff	Verifica
0.25	0.000308	0.058	0.000308	0.058							-1.9941	SLD 3	-1.9941	-15.3763	0.332	7.71	Si
0.3	0.000308	0.058	0.000308	0.058							-1.7774	SLD 3	-1.9941	-15.3763	0.332	7.71	Si
0.6	0.000308	0.058	0.000308	0.058							-0.7271	SLD 3	-0.9111	-15.3763	0.332	16.88	Si

Verifiche a taglio in famiglia SLU

x	A st	A sl	A sag	Vela	Comb.	Vdes	Vrd	Vrcd	Vrsd	Vult	cotgθ	coeff	Verifica
0	0	0.000308	0	8.98	SLU 7	8.98	28.2	157.79	0	28.2	1	3.14	Si
0.25	0.0000065	0.000308	0	7.14	SLU 7	7.14	28.2	157.79	32.31	32.31	1	4.52	Si
0.3	0.0000065	0.000308	0	6.78	SLU 7	6.78	28.2	157.79	32.31	32.31	1	4.77	Si
0.6	0.0000065	0.000308	0	4.57	SLU 7	4.57	28.2	157.79	32.31	32.31	1	7.07	Si

Verifiche a taglio in famiglia SLV

x	A st	A sl	A sag	Vela	Comb.	Vdes	Vrd	Vrcd	Vrsd	Vult	cotgθ	coeff	Verifica
0	0	0.000308	0	5.91	SLV 3	5.91	28.2	157.79	0	28.2	1	4.77	Si
0.25	0.0000065	0.000308	0	4.75	SLV 3	4.75	28.2	157.79	32.31	32.31	1	6.8	Si
0.3	0.0000065	0.000308	0	4.52	SLV 3	4.52	28.2	157.79	32.31	32.31	1	7.14	Si
0.6	0.0000065	0.000308	0	3.14	SLV 3	3.14	28.2	157.79	32.31	32.31	1	10.3	Si

Verifiche SLD Resistenza a taglio

x	A st	A sl	A sag	Vela	Comb.	Vdes	Vrd	Vrcd	Vrsd	Vult	cotgθ	coeff	Verifica
0	0	0.000308	0	5.72	SLD 3	5.72	28.2	157.79	0	28.2	1	4.93	Si
0.25	0.0000065	0.000308	0	4.56	SLD 3	4.56	28.2	157.79	32.31	32.31	1	7.08	Si
0.3	0.0000065	0.000308	0	4.33	SLD 3	4.33	28.2	157.79	32.31	32.31	1	7.46	Si
0.6	0.0000065	0.000308	0	2.94	SLD 3	2.94	28.2	157.79	32.31	32.31	1	10.98	Si

Verifiche delle tensioni in esercizio

x	Rara								Quasi permanente								Verifica
	Mela	Comb.	Mdes	σ c	σ c lim.	σ f.	σ f lim.	Mela	Comb.	Mdes	σ c	σ c lim.	σ FRP	σ FRP lim.			
0	-3.3589	7	-2.5667	1187	17430	17800	360000	-2.9214	4	-2.2329	1032	13073			Si		
0.25	-1.9337	7	-1.9337	894	17430	13410	360000	-1.6884	4	-1.6884	781	13073			Si		
0.3	-1.6864	7	-1.9337	894	17430	13410	360000	-1.476	4	-1.6884	781	13073			Si		
0.6	-0.473	7	-0.6882	318	17430	4773	360000	-0.4464	4	-0.6269	290	13073			Si		

Verifica di apertura delle fessure

La campata non presenta apertura delle fessure

Verifica di deformabilità

x	Rara				Frequente				Quasi permanente						Verifica	
	Elastica+	Elastica-	Fess.+	Fess.-	Elastica+	Elastica-	Fess.+	Fess.-	Elastica+	Elastica-	Fess. viscosa+	Comb.	Fess. viscosa-	Comb.		I/f
0.24	-0.00001	-0.00001	-0.00001	-0.00001	-0.00001	-0.00001	-0.00001	-0.00001	-0.00001	-0.00001	-0.00001	2	-0.00002	2	9999	Si
0.25	-0.00001	-0.00001	-0.00001	-0.00001	-0.00001	-0.00001	-0.00001	-0.00001	-0.00001	-0.00001	-0.00001	2	-0.00002	2	9999	Si
0.3	0	-0.00001	-0.00001	-0.00001	0	-0.00001	-0.00001	-0.00001	0	-0.00001	-0.00002	2	-0.00002	2	9999	Si
0.6	0.00001	0	0.00001	0	0.00001	0	0.00001	0	0.00001	0	0.00001	2	0	2	9999	Si

Campata 5 tra i fili - , sezione R 30x20, asta 8**Verifiche a flessione in famiglia SLU**

x	A sup.	C.b. sup.	A inf.	C.b. inf.	M+ela	Comb.	M+des	M+ult	x/d	coeff	M-ela	Comb.	M-des	M-ult	x/d	coeff	Verifica
0	0.000308	0.058	0.000308	0.058							-1.4662	SLU 7	-1.4662	-17.289	0.322	11.79	Si
0.3	0.000308	0.058	0.000308	0.058	0.9258	SLU 3	1.3334	17.289	0.322	12.97							Si
0.54	0.000308	0.058	0.000308	0.058	2.3487	SLU 7	2.6403	17.289	0.322	6.55							Si
0.6	0.000308	0.058	0.000308	0.058	2.6403	SLU 7	2.6403	17.289	0.322	6.55							Si

Verifiche a flessione in famiglia SLV (domini sostanzialmente elastici)

La struttura oppure parte di essa, è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione, per tutte o solo alcune sezioni, viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Le dilatazioni ultime utilizzate sono le seguenti: $\epsilon_{c2} = 0.002$, $\epsilon_{yd} = 0.0019$

x	A sup.	C.b. sup.	A inf.	C.b. inf.	M+ela	Comb.	M+des	M+ult	x/d	coeff	M-ela	Comb.	M-des	M-ult	x/d	coeff	Verifica
0	0.000308	0.058	0.000308	0.058	-0.0883	SLV 13	0.1541	15.3763	0.332	99.76	-1.8478	SLV 3	-1.8478	-15.3763	0.332	8.32	Si
0.3	0.000308	0.058	0.000308	0.058	0.9105	SLV 13	1.0715	15.3763	0.332	14.35	0.134	SLV 3	-0.245	-15.3763	0.332	62.76	Si
0.6	0.000308	0.058	0.000308	0.058	1.7052	SLV 7	1.7052	15.3763	0.332	9.02							Si

Verifiche SLD Resistenza a flessione (domini sostanzialmente elastici)

La struttura oppure parte di essa, è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione, per tutte o solo alcune sezioni, viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Le dilatazioni ultime utilizzate sono le seguenti: $\epsilon_{c2} = 0.002$, $\epsilon_{yd} = 0.0019$

x	A sup.	C.b. sup.	A inf.	C.b. inf.	M+ela	Comb.	M+des	M+ult	x/d	coeff	M-ela	Comb.	M-des	M-ult	x/d	coeff	Verifica
0	0.000308	0.058	0.000308	0.058							-1.455	SLD 3	-1.455	-15.3763	0.332	10.57	Si
0.3	0.000308	0.058	0.000308	0.058	0.7372	SLD 13	0.9404	15.3763	0.332	16.35	0.3072	SLD 3	-0.026	-15.3763	0.332	590.87	Si
0.54	0.000308	0.058	0.000308	0.058	1.4508	SLD 7	1.6562	15.3763	0.332	9.28							Si
0.6	0.000308	0.058	0.000308	0.058	1.6562	SLD 3	1.6562	15.3763	0.332	9.28							Si

Verifiche a taglio in famiglia SLU

x	A st	A sl	A sag	Vela	Comb.	Vdes	Vrd	Vrcd	Vrsd	Vult	cotgθ	coeff	Verifica
0	0.0000065	0.000308	0	9.05	SLU 7	9.05	28.2	157.79	32.31	32.31	1	3.57	Si
0.02	0.0000057	0.000308	0	8.9	SLU 7	8.9	28.2	157.79	28.28	28.28	1	3.18	Si
0.3	0.0000057	0.000308	0	6.85	SLU 7	6.85	28.2	157.79	28.28	28.28	1	4.13	Si
0.6	0.0000057	0.000308	0	4.64	SLU 7	4.64	28.2	157.79	28.28	28.28	1	6.09	Si

Verifiche a taglio in famiglia SLV

x	A st	A sl	A sag	Vela	Comb.	Vdes	Vrd	Vrcd	Vrsd	Vult	cotgθ	coeff	Verifica
0	0.0000065	0.000308	0	7.3	SLV 3	7.3	28.2	157.79	32.31	32.31	1	4.43	Si
0.02	0.0000057	0.000308	0	7.21	SLV 3	7.21	28.2	157.79	28.28	28.28	1	3.92	Si
0.3	0.0000057	0.000308	0	5.92	SLV 3	5.92	28.2	157.79	28.28	28.28	1	4.78	Si
0.6	0.0000057	0.000308	0	4.53	SLV 3	4.53	28.2	157.79	28.28	28.28	1	6.24	Si

Verifiche SLD Resistenza a taglio

x	A st	A sl	A sag	Vela	Comb.	Vdes	Vrd	Vrcd	Vrsd	Vult	cotgθ	coeff	Verifica
0	0.0000065	0.000308	0	6.57	SLD 3	6.57	28.2	157.79	32.31	32.31	1	4.92	Si
0.02	0.0000057	0.000308	0	6.48	SLD 3	6.48	28.2	157.79	28.28	28.28	1	4.37	Si
0.3	0.0000057	0.000308	0	5.18	SLD 3	5.18	28.2	157.79	28.28	28.28	1	5.46	Si
0.6	0.0000057	0.000308	0	3.8	SLD 3	3.8	28.2	157.79	28.28	28.28	1	7.45	Si

Verifiche delle tensioni in esercizio

x	Rara								Quasi permanente								Verifica
	Mela	Comb.	Mdes	σ c	σ c lim.	σ f.	σ f lim.	Mela	Comb.	Mdes	σ c	σ c lim.	σ FRP	σ FRP lim.			
0	-1.0403	7	-1.0403	481	17430	7215	360000	-0.968	4	-0.968	448	13073			Si		
0.3	0.6632	3	0.9554	442	17430	6626	360000	0.5265	2	0.7816	361	13073			Si		
0.6	1.8972	7	1.8972	877	17430	13157	360000	1.5968	4	1.5968	738	13073			Si		

Verifica di apertura delle fessure

La campata non presenta apertura delle fessure

Verifica di deformabilità

x	Rara				Frequente				Quasi permanente						Verifica	
	Elastica+	Elastica-	Fess.+	Fess.-	Elastica+	Elastica-	Fess.+	Fess.-	Elastica+	Elastica-	Fess. viscosa+	Comb.	Fess. viscosa-	Comb.		l/f
0	0.00001	0	0.00001	0	0.00001	0	0.00001	0	0.00001	0	0.00001	2	0	2	9999	Si
0.3	0.00004	0.00002	0.00003	0.00002	0.00003	0.00002	0.00003	0.00002	0.00003	0.00002	0.00007	4	0.00004	4	9999	Si
0.6	0.00006	0.00003	0.00005	0.00003	0.00005	0.00003	0.00004	0.00003	0.00005	0.00003	0.00011	4	0.00008	4	9999	Si

Campata 6 tra i fili - 8, sezione R 30x20, aste 9, 10

Verifiche a flessione in famiglia SLU

x	A sup.	C.b. sup.	A inf.	C.b. inf.	M+ela	Comb.	M+des	M+ult	x/d	coeff	M-ela	Comb.	M-des	M-ult	x/d	coeff	Verifica
0	0.000308	0.058	0.000308	0.058	1.7099	SLU 7	1.7099	17.289	0.322	10.11							Si
0.57	0.000308	0.058	0.000308	0.058	0.5524	SLU 7	0.7092	17.289	0.322	24.38							Si
1	0.000308	0.058	0.000308	0.058	0.1266	SLU 10	0.1812	17.289	0.322	95.39	-0.5463	SLU 3	-0.5463	-17.289	0.322	31.64	Si
1.15	0.000308	0.058	0.000308	0.058	0.8687	SLU 3	0.8541	15.3763	0.332	18	-1.0187	SLU 3	-0.7716	-17.289	0.322	22.41	Si

Verifiche a flessione in famiglia SLV (domini sostanzialmente elastici)

La struttura oppure parte di essa, è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione, per tutte o solo alcune sezioni, viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Le dilatazioni ultime utilizzate sono le seguenti: εc2= 0.002, εyd= 0.0019

x	A sup.	C.b. sup.	A inf.	C.b. inf.	M+ela	Comb.	M+des	M+ult	x/d	coeff	M-ela	Comb.	M-des	M-ult	x/d	coeff	Verifica
0	0.000308	0.058	0.000308	0.058	1.1176	SLV 3	1.1176	15.3763	0.332	13.76							Si
0.57	0.000308	0.058	0.000308	0.058	0.5536	SLV 3	0.6387	15.3763	0.332	24.07	0.0881	SLV 13	-0.025	-15.3763	0.332	615.96	Si
1	0.000308	0.058	0.000308	0.058	0.8226	SLV 3	0.8226	15.3763	0.332	18.69	-1.1567	SLV 13	-1.1567	-15.3763	0.332	13.29	Si
1.15	0.000308	0.058	0.000308	0.058	0.8687	SLV 3	0.8541	15.3763	0.332	18	-1.6828	SLV 13	-1.4114	-15.3763	0.332	10.89	Si

Verifiche SLD Resistenza a flessione (domini sostanzialmente elastici)

La struttura oppure parte di essa, è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione, per tutte o solo alcune sezioni, viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Le dilatazioni ultime utilizzate sono le seguenti: εc2= 0.002, εyd= 0.0019

x	A sup.	C.b. sup.	A inf.	C.b. inf.	M+ela	Comb.	M+des	M+ult	x/d	coeff	M-ela	Comb.	M-des	M-ult	x/d	coeff	Verifica
0	0.000308	0.058	0.000308	0.058	1.0818	SLD 3	1.0818	15.3763	0.332	14.21							Si
0.57	0.000308	0.058	0.000308	0.058	0.4496	SLD 3	0.5421	15.3763	0.332	28.36							Si
1	0.000308	0.058	0.000308	0.058	0.3803	SLD 3	0.4042	15.3763	0.332	38.04	-0.7145	SLD 13	-0.7145	-15.3763	0.332	21.52	Si
1.15	0.000308	0.058	0.000308	0.058	0.2986	SLD 3	0.2986	15.3763	0.332	51.5	-1.1127	SLD 13	-0.9052	-15.3763	0.332	16.99	Si

Verifiche a taglio in famiglia SLU

x	A st	A sl	A sag	Vela	Comb.	Vdes	Vrd	Vrcd	Vrsd	Vult	cotgθ	coeff	Verifica
0	0.0000057	0.000308	0	-1.48	SLU 3	-1.48	-28.2	-157.79	-28.28	-28.28	1	19.15	Si
0.57	0.0000051	0.000308	0	-2.6	SLU 3	-2.6	-28.2	-157.79	-25.45	-28.2	1	10.85	Si
1	0.0000051	0.000308	0	-3	SLU 3	-3	-28.2	-157.79	-25.45	-28.2	1	9.39	Si
1.15	0	0.000308	0	-3.3	SLU 3	-3.3	-28.2	-157.79	0	-28.2	1	8.56	Si

Verifiche a taglio in famiglia SLV

x	A st	A sl	A sag	Vela	Comb.	Vdes	Vrd	Vrcd	Vrsd	Vult	cotgθ	coeff	Verifica
0	0.0000057	0.000308	0	-1.14	SLV 15	-1.14	-28.2	-157.79	-28.28	-28.28	1	24.86	Si
0.57	0.0000051	0.000308	0	-2	SLV 15	-2	-28.2	-157.79	-25.45	-28.2	1	14.1	Si
1	0.0000051	0.000308	0	0.42	SLV 3	0.42	28.2	157.79	25.45	28.2	1	67.22	Si
1	0.0000051	0.000308	0	-3.4	SLV 13	-3.4	-28.2	-157.79	-25.45	-28.2	1	8.31	Si
1.15	0	0.000308	0	0.19	SLV 3	0.19	28.2	157.79	0	28.2	1	144.97	Si
1.15	0	0.000308	0	-3.62	SLV 13	-3.62	-28.2	-157.79	0	-28.2	1	7.79	Si

Verifiche SLD Resistenza a taglio

x	A st	A sl	A sag	Vela	Comb.	Vdes	Vrd	Vrcd	Vrsd	Vult	cotgθ	coeff	Verifica
0	0.0000057	0.000308	0	-0.98	SLD 15	-0.98	-28.2	-157.79	-28.28	-28.28	1	28.72	Si
0.57	0.0000051	0.000308	0	-1.85	SLD 15	-1.85	-28.2	-157.79	-25.45	-28.2	1	15.27	Si
1	0.0000051	0.000308	0	-2.54	SLD 13	-2.54	-28.2	-157.79	-25.45	-28.2	1	11.09	Si
1.15	0	0.000308	0	-2.77	SLD 13	-2.77	-28.2	-157.79	0	-28.2	1	10.19	Si

Verifiche delle tensioni in esercizio

x	Rara								Quasi permanente								Verifica
	Mela	Comb.	Mdes	σ c	σ c lim.	σ f.	σ f lim.	Mela	Comb.	Mdes	σ c	σ c lim.	σ FRP	σ FRP lim.			
0	1.228	7	1.228	568	17430	8516	360000	1.0381	4	1.0381	480	13073			Si		
0.57	0.4054	7	0.5187	240	17430	3597	360000	0.3209	4	0.4227	195	13073			Si		
1	0.0536	10	0.1025	47	17430	711	360000	0.0445	3	0.0943	44	13073			Si		
1	-0.3951	3	-0.3951	183	17430	2740	360000	-0.2031	2	-0.2031	94	13073			Si		
1.15	-0.7433	3	-0.5608	259	17430	3889	360000	-0.4515	2	-0.3189	147	13073			Si		

Verifica di apertura delle fessure

La campata non presenta apertura delle fessure

Verifica di deformabilità

x	Rara				Frequente				Quasi permanente						Verifica	
	Elastica+	Elastica-	Fess.+	Fess.-	Elastica+	Elastica-	Fess.+	Fess.-	Elastica+	Elastica-	Fess. viscosa+	Comb.	Fess. viscosa-	Comb.		l/f
0	0.00006	0.00003	0.00005	0.00003	0.00005	0.00003	0.00004	0.00003	0.00005	0.00003	0.00011	4	0.00008	4	9999	Si
0.11	0.00006	0.00003	0.00005	0.00003	0.00005	0.00003	0.00004	0.00003	0.00005	0.00003	0.00011	4	0.00008	4	9999	Si
0.57	0.00004	0.00002	0.00003	0.00002	0.00003	0.00002	0.00003	0.00002	0.00003	0.00002	0.00008	4	0.00006	4	9999	Si
1	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00002	4	0.00002	4	9999	Si

2.5 Verifiche superelementi aste acciaio laminate

Le unità di misura elencate nel capitolo sono in [m, kN, deg] ove non espressamente specificato.

Sezione: sezione in acciaio.

Rotazione: rotazione della sezione. [deg]

Area: area inerziale nel sistema geometrico centrato nel baricentro. [m²]

Jx: momento d'inerzia attorno all'asse orizzontale baricentrico di definizione della sezione. [m⁴]

Jy: momento d'inerzia attorno all'asse verticale baricentrico di definizione della sezione. [m⁴]

ix: raggio di inerzia relativo all'asse x. [m]

iy: raggio di inerzia relativo all'asse y. [m]

Wx: modulo di resistenza elastico minimo relativo all'asse x. [m³]

Wy: modulo di resistenza elastico minimo relativo all'asse y. [m³]

Wplx: modulo di resistenza plastico relativo all'asse x. [m³]

Wply: modulo di resistenza plastico relativo all'asse y. [m³]

X: distanza dal nodo iniziale. [m]

Comb.: combinazione di verifica.

Sfruttamento: rapporto di sfruttamento per la verifica in esame, inverso del coefficiente di sicurezza. Verificato se minore o uguale di 1.

Classe: classe della sezione.

NEd: sollecitazione assiale. [kN]

Nc,Rd: resistenza assiale a compressione ridotta per taglio. [kN]

Nt,Rd: resistenza assiale a trazione ridotta per taglio. [kN]

Riduzione da taglio: rapporto tra la resistenza assiale ridotta per taglio e la resistenza assiale.

px: coefficiente di riduzione della resistenza di snervamento per taglio in direzione x.

py: coefficiente di riduzione della resistenza di snervamento per taglio in direzione y.

Verifica: stato di verifica.

VEd: sollecitazione di taglio. [kN]

Vc,Rd: resistenza a taglio. [kN]

Av: area resistenza a taglio. [m²]

Interazione taglio-torsione: indica se è possibile ridurre il taglio resistente per presenza di torsione.

Riduzione torsione: coefficiente riduttivo della resistenza a taglio per presenza di torsione.

Sfruttamento torsione: rapporto tra TE_d e TR_d.

TEd: sollecitazione torcente. [kN*m]

TRd: resistenza a torsione. [kN*m]

Riduzione taglio resistente: indica se è possibile ridurre il taglio resistente per presenza di torsione.

Sfruttamento taglio-torsione: $\tau_{Ed,totale} / (0.5 * \tau_{Rd})$. Non verificato se maggiore di 1.

$\tau_{Ed,totale}$: somma delle tensioni tangenziali totale derivanti da taglio e torsione. [kN/m²]

τ_{Rd} : tensione tangenziale resistente. [kN/m²]

Mx,Ed: sollecitazione flettente attorno x-x. [kN*m]

Mx,Rd: resistenza a flessione attorno x-x ridotta per taglio. [kN*m]

My,Ed: sollecitazione flettente attorno y-y. [kN*m]

My,Rd: resistenza a flessione attorno y-y ridotta per taglio. [kN*m]

Rid. Mx,Rd da VEd: rapporto tra la resistenza flettente ridotta per taglio e la resistenza flettente attorno x-x.

Rid. My,Rd da VEd: rapporto tra la resistenza flettente ridotta per taglio e la resistenza flettente attorno y-y.

α : esponente α per flessione deviata.

β : esponente β per flessione deviata.

NRd: resistenza assiale ridotta per taglio. [kN]

Rid. NRd da VEd: rapporto tra la resistenza assiale ridotta per taglio e la resistenza assiale.

Mx,Rd: resistenza a flessione attorno x-x ridotta. [kN*m]

Rid. Mx,Rd da NEd: rapporto tra la resistenza flettente ridotta per sforzo normale e taglio e la resistenza flettente ridotta per taglio attorno x-x.

My,Rd: resistenza a flessione attorno y-y ridotta. [kN*m]

Rid. My,Rd da NEd: rapporto tra la resistenza flettente ridotta per sforzo normale e taglio e la resistenza flettente ridotta per taglio attorno y-y.

Numero rit.: numero del ritegno.

Presente: indica se il ritegno è presente o meno.

Ascissa: ascissa del ritegno rispetto al nodo iniziale del superelemento o ascissa iniziale e finale della campata. [m]

Campata: campata tra i ritegni.

$\beta_{x/m}$: coefficiente di lunghezza efficace per rotazione attorno a x/m.

Vincolo a entrambi estremi: indica se il tratto è vincolato a entrambi gli estremi.

$\lambda_{x/m}$: snellezza attorno a x/m del tratto tra i due ritegni.

λ_{Ver} : snellezza accettabile.

$\beta_{y/n}$: coefficiente di lunghezza efficace per rotazione attorno a y/n.

k_{LT} : coefficiente di lunghezza efficace per rotazione nel calcolo del momento critico ENV1993-1-1 F 1.2(3).

kw_{LT} : coefficiente di lunghezza efficace per ingobbamento nel calcolo del momento critico ENV1993-1-1 F 1.2(4).

MxEq,Ed: momento sollecitante equivalente attorno l'asse x-x tra due ritegni all'inflessione attorno x-x. [kN*m]

MyEq,Ed: momento sollecitante massimo attorno l'asse y-y tra due ritegni all'inflessione attorno y-y. [kN*m]

Area: area della sezione. [m²]

Wx: modulo resistente della sezione per inflessione attorno all'asse x-x. [m³]

Wy: modulo resistente della sezione per inflessione attorno all'asse y-y. [m³]

χ_{min} : coefficiente di riduzione minimo.

$\lambda_{adim. x/m}$: snellezza adimensionale per inflessione attorno l'asse x-x / m-m.

$\lambda_{adim. y/n}$: snellezza adimensionale per inflessione attorno l'asse y-y / n-n.

$N_{crit x/m}$: carico critico per inflessione attorno all'asse x-x / m-m. [kN]

$N_{crit y/n}$: carico critico per inflessione attorno all'asse y-y / n-n. [kN]

η : valore di η .

hw: altezza dell'anima. [m]

tw: spessore dell'anima. [m]

hw/tw max: rapporto tra hw e tw massimo.

Ascissa freccia: ascissa della massima freccia. [m]

Combinazione: combinazione di verifica in cui è ricavata la freccia.

Freccia: massima freccia. [m]

Luce: luce di verifica. [m]

L/f: rapporto luce su freccia.

L/f,min: minimo rapporto luce su freccia consentito.

Tipo: freccia calcolata considerando le sole condizioni variabili o tutte le condizioni (totale) all'interno della combinazione di verifica.

Superelemento in acciaio a "Rampa scala esterna" (1990; 2123)-(2300; 2123)**Caratteristiche del materiale**

Acciaio: S235, fyk = 235000

Caratteristiche geometriche

Lunghezza: 3.536

Nodo iniziale: 6426 Nodo finale: 5148

Cerniera iniziale: No Cerniera finale: No

Sovreresistenza: 0% Sisma Z: No

Caratteristiche della sezione

Sezione	Rotazione	Area	Jx	Jy	ix	iy	Wx	Wy	Wplx	Wply
UPN160	0	0.002402	0.00000925	0.00000085	0.0621	0.0188	0.00011562	0.00001824	0.00013758	0.00003515

Verifiche di resistenza**Verifiche a forza assiale §4.2.4.1.2.1 - §4.2.4.1.2.2 NTC18**

X	Comb.	Sfruttamento	Classe	NEd	Nc,Rd	Nt,Rd	Riduzione da taglio	px	py	Verifica
3.536	SLV 7	0.022	1	-11.865	537.618		1	0	0	Si

Verifiche a forza assiale SLD §4.2.4.1.2.1 - §4.2.4.1.2.2 NTC18

X	Comb.	Sfruttamento	Classe	NEd	Nc,Rd	Nt,Rd	Riduzione da taglio	px	py	Verifica
3.536	SLD 8	0.013	1	-6.777	537.618		1	0	0	Si

Verifica a taglio X §4.2.4.1.2.4 NTC18

X	Comb.	Sfruttamento	VEd	Vc,Rd	Av	Interazione taglio-torsione	Riduzione torsione	Verifica
2.003	SLV 5	0.012	-2.212	179.47	0.00139	Considerata	1	Si

Verifica a taglio X SLD §4.2.4.1.2.4 NTC18

X	Comb.	Sfruttamento	VEd	Vc,Rd	Av	Interazione taglio-torsione	Riduzione torsione	Verifica
2.003	SLD 5	0.006	-1.057	179.562	0.00139	Considerata	1	Si

Verifica a taglio Y §4.2.4.1.2.4 NTC18

X	Comb.	Sfruttamento	VEd	Vc,Rd	Av	Interazione taglio-torsione	Riduzione torsione	Verifica
0	SLU 4	0.051	8.082	158.435	0.001226	Considerata	1	Si

Verifica a taglio Y SLD §4.2.4.1.2.4 NTC18

X	Comb.	Sfruttamento	VEd	Vc,Rd	Av	Interazione taglio-torsione	Riduzione torsione	Verifica
0	SLD 1	0.036	5.705	158.435	0.001226	Considerata	1	Si

Verifica a torsione §4.2.4.1.2.5 NTC18

X	Comb.	Sfruttamento torsione	TEd	TRd	Riduzione taglio resistente	Sfruttamento taglio-torsione	rEd,totale	rRd	Verifica
0	SLV 5	0.001	-0.00105	0.81389	Considerata				Si

Verifica a flessione deviata §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

X	Comb.	Sfruttamento	Classe	Mx,Ed	Mx,Rd	My,Ed	My,Rd	Rid. Mx,Rd da VEd	Rid. My,Rd da VEd	α	β	px	py	Verifica
0.825	SLU 9	0.158	1	4.815	30.7916	0.0149	7.8676	1	1			0	0	Si

Verifica a flessione deviata SLD §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

X	Comb.	Sfruttamento	Classe	Mx,Ed	Mx,Rd	My,Ed	My,Rd	Rid. Mx,Rd da VEd	Rid. My,Rd da VEd	α	β	px	py	Verifica
2.121	SLD 15	0.048	1	-1.0385	30.7916	0.1153	7.8676	1	1			0	0	Si

Verifica a presso/tenso flessione retta X §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

Verifiche eseguite utilizzando la formula conservativa (6.2) §6.2.1 EN 1993-1-1:2005.

X	Comb.	Sfruttamento	Classe	NEd	NRd	Rid. NRd da VEd	Mx,Ed	Mx,Rd	Rid. Mx,Rd da VEd	Rid. Mx,Rd da NEd	px	py	Verifica
3.536	SLU 7	0.191	1	-2.659	537.618	1	-5.728	30.7916	1	1	0	0	Si

Verifica a presso/tenso flessione retta X SLD §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

Verifiche eseguite utilizzando la formula conservativa (6.2) §6.2.1 EN 1993-1-1:2005.

X	Comb.	Sfruttamento	Classe	NEd	NRd	Rid. NRd da VEd	Mx,Ed	Mx,Rd	Rid. Mx,Rd da VEd	Rid. Mx,Rd da NEd	px	py	Verifica
1.768	SLD 9	0.018	1	3.755	537.618	1	-0.3324	30.7916	1	1	0	0	Si

Verifica a presso/tenso flessione deviata §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

Verifiche eseguite utilizzando la formula conservativa (6.2) §6.2.1 EN 1993-1-1:2005.

X	Comb.	Sfruttamento	Classe	NEd	NRd	Rid. NRd da VEd	Mx,Ed	Mx,Rd	My,Ed	My,Rd	Rid. Mx,Rd da VEd	Rid. Mx,Rd da NEd	Rid. My,Rd da VEd	Rid. My,Rd da NEd	α	β	px	py	Verifica
0	SLV 5	0.755	1	7.38	537.618	1	7.4562	30.7916	3.9241	7.8676	1	1	1	1			0	0	Si

Verifica a presso/tenso flessione deviata SLD §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

Verifiche eseguite utilizzando la formula conservativa (6.2) §6.2.1 EN 1993-1-1:2005.

X	Comb.	Sfruttamento	Classe	NEd	NRd	Rid. NRd da VEd	Mx,Ed	Mx,Rd	My,Ed	My,Rd	Rid. Mx,Rd da VEd	Rid. Mx,Rd da NEd	Rid. My,Rd da VEd	Rid. My,Rd da NEd	α	β	px	py	Verifica
0	SLD 5	0.472	1	3.574	537.618	1	6.9668	30.7916	1.8792	7.8676	1	1	1	1			0	0	Si

Verifiche ad instabilità**Caratteristiche iniziali**

Membratura principale per controllo snellezza; Calcolo di snellezze ed N critici condotti secondo gli assi principali;

Curva X: c; Curva Y: c;

Svergolamento: Nessuno; la verifica a instabilità flesso-torsionale (svergolamento) non verrà eseguita.

Dati per instabilità attorno a x

Controllo della snellezza secondo §4.2.4.1.3.1 NTC18

Numero rit.	Presente	Ascissa	Campata	$\beta x/m$	Vincolo a entrambi estremi	$\lambda x/m$	λVer
1	Si	0					
			1-2	1	Si	57	Si, (<200)
2	Si	3.536					

Dati per instabilità attorno a y

Controllo della snellezza secondo §4.2.4.1.3.1 NTC18

Numero rit.	Presente	Ascissa	Campata	$\beta y/n$	k,LT	kw,LT	Vincolo a entrambi estremi
1	Si	0					
			1-2	1	Si	187.9	Si, (<200)
2	Si	3.536					

Verifica di stabilità per pressoflessione §C.4.2.4.1.3.3.1 NTC18

X	Comb.	Sfruttamento	Classe	NEd	MxEq,Ed	MyEq,Ed	Area	Wx	Wy	$\chi_{,min}$	$\lambda_{adim. x/m}$	$\lambda_{adim. y/n}$	N,crit x/m	N,crit y/n	Verifica
3.536	SLV 8	0.7	1	-11.865	5.5629	-2.9187	0.002402	0.0001376	0.0000352	0.196	0.607	2.001	1533.749	140.945	Si

Verifica di stabilità per pressoflessione SLD §C.4.2.4.1.3.3.1 NTC18

X	Comb.	Sfruttamento	Classe	NEd	MxEq,Ed	MyEq,Ed	Area	Wx	Wy	$\chi_{,min}$	$\lambda_{adim. x/m}$	$\lambda_{adim. y/n}$	N,crit x/m	N,crit y/n	Verifica
3.536	SLD 7	0.42	1	-6.777	5.2108	1.3915	0.002402	0.0001376	0.0000352	0.196	0.607	2.001	1533.749	140.945	Si

Verifica di stabilità a taglio anima Y §4.2.4.1.2.4 [4.2.27] NTC18

η	hw	tw	hw/tw max	Verifica
1.2	0.134	0.008	60	Si

Verifica di stabilità a taglio anima Y SLD §4.2.4.1.2.4 [4.2.27] NTC18

η	hw	tw	hw/tw max	Verifica
1.2	0.134	0.008	60	Si

Verifiche a deformabilità

Mensola X: No; Mensola Y: No.

Frecce lungo X

Ascissa freccia	Combinazione	Freccia	Luce	L/f	L/f,min	Tipo	Verifica
1.414	SLE RA 1	-0.00007	3.536	10000	250	Totale	Si
1.414	SLE RA 2	-0.00007	3.536	10000	250	Totale	Si
1.414	SLE RA 3	-0.00006	3.536	10000	250	Totale	Si
1.414	SLE RA 4	-0.00007	3.536	10000	250	Totale	Si
1.414	SLE RA 5	-0.00007	3.536	10000	250	Totale	Si
1.414	SLE RA 2	0	3.536	10000	350	Variabile	Si
1.414	SLE RA 3	0.00001	3.536	10000	350	Variabile	Si
1.414	SLE RA 4	0	3.536	10000	350	Variabile	Si
1.414	SLE RA 5	0	3.536	10000	350	Variabile	Si
1.414	SLE RA 6	0.00001	3.536	10000	350	Variabile	Si

Frecce lungo Y

Ascissa freccia	Combinazione	Freccia	Luce	L/f	L/f,min	Tipo	Verifica
0.707	SLE RA 4	0.00065	3.536	5476.8	250	Totale	Si
0.707	SLE RA 5	0.00065	3.536	5478.3	250	Totale	Si
0.707	SLE RA 3	0.00065	3.536	5479.9	250	Totale	Si
0.707	SLE RA 8	0.00064	3.536	5500.3	250	Totale	Si
0.707	SLE RA 9	0.00064	3.536	5501.9	250	Totale	Si
0.825	SLE RA 4	0.00043	3.536	8173.2	350	Variabile	Si
0.825	SLE RA 5	0.00043	3.536	8176.9	350	Variabile	Si
0.825	SLE RA 3	0.00043	3.536	8180.7	350	Variabile	Si
0.825	SLE RA 8	0.00043	3.536	8231.2	350	Variabile	Si
0.825	SLE RA 9	0.00043	3.536	8235	350	Variabile	Si

Superelemento in acciaio a "Rampa scala esterna" (1990; 2210)-(2300; 2210)**Caratteristiche del materiale**

Acciaio: S235, fyk = 235000

Caratteristiche geometriche

Lunghezza: 3.536

Nodo iniziale: 6484 Nodo finale: 5149

Cerniera iniziale: No Cerniera finale: No

Sovreresistenza: 0% Sisma Z: No

Caratteristiche della sezione

Sezione	Rotazione	Area	Jx	Jy	ix	iy	Wx	Wy	Wplx	Wply
UPN160	180	0.002402	0.00000925	0.00000085	0.0621	0.0188	0.00011562	0.00001824	0.00013758	0.00003515

Verifiche di resistenza**Verifiche a forza assiale §4.2.4.1.2.1 - §4.2.4.1.2.2 NTC18**

X	Comb.	Sfruttamento	Classe	NEd	Nc,Rd	Nt,Rd	Riduzione da taglio	px	py	Verifica
3.536	SLV 10	0.022	1	-11.562	537.618		1	0	0	Si

Verifiche a forza assiale SLD §4.2.4.1.2.1 - §4.2.4.1.2.2 NTC18

X	Comb.	Sfruttamento	Classe	NEd	Nc,Rd	Nt,Rd	Riduzione da taglio	px	py	Verifica
3.536	SLD 10	0.012	1	-6.558	537.618		1	0	0	Si

Verifica a taglio X §4.2.4.1.2.4 NTC18

X	Comb.	Sfruttamento	VEd	Vc,Rd	Av	Interazione taglio-torsione	Riduzione torsione	Verifica
1.886	SLV 5	0.012	2.212	179.46	0.00139	Considerata	1	Si

Verifica a taglio X SLD §4.2.4.1.2.4 NTC18

X	Comb.	Sfruttamento	VEd	Vc,Rd	Av	Interazione taglio-torsione	Riduzione torsione	Verifica
1.886	SLD 5	0.006	1.057	179.498	0.00139	Considerata	1	Si

Verifica a taglio Y §4.2.4.1.2.4 NTC18

X	Comb.	Sfruttamento	VEd	Vc,Rd	Av	Interazione taglio-torsione	Riduzione torsione	Verifica
0	SLU 3	0.051	-8.092	158.435	0.001226	Considerata	1	Si

Verifica a taglio Y SLD §4.2.4.1.2.4 NTC18

X	Comb.	Sfruttamento	VEd	Vc,Rd	Av	Interazione taglio-torsione	Riduzione torsione	Verifica
0	SLD 1	0.036	-5.719	158.435	0.001226	Considerata	1	Si

Verifica a torsione §4.2.4.1.2.5 NTC18

X	Comb.	Sfruttamento torsione	TEd	TRd	Riduzione taglio resistente	Sfruttamento taglio-torsione	τEd,totale	τRd	Verifica
3.536	SLV 6	0.001	-0.00116	0.81389	Considerata				Si

Verifica a torsione SLD §4.2.4.1.2.5 NTC18

X	Comb.	Sfruttamento torsione	TEd	TRd	Riduzione taglio resistente	Sfruttamento taglio-torsione	τEd,totale	τRd	Verifica
0	SLD 5	0.001	-0.00072	0.81389	Considerata				Si

Verifica a flessione deviata §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

X	Comb.	Sfruttamento	Classe	Mx,Ed	Mx,Rd	My,Ed	My,Rd	Rid. Mx,Rd da VEd	Rid. My,Rd da VEd	α	β	px	py	Verifica
2.946	SLV 2	0.246	1	4.5566	30.7916	0.7725	7.8676	1	1			0	0	Si

Verifica a flessione deviata SLD §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

X	Comb.	Sfruttamento	Classe	Mx,Ed	Mx,Rd	My,Ed	My,Rd	Rid. Mx,Rd da VEd	Rid. My,Rd da VEd	α	β	px	py	Verifica
1.414	SLD 1	0.055	1	-1.2311	30.7916	-0.122	7.8676	1	1			0	0	Si

Verifica a presso/tenso flessione retta X §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

Verifiche eseguite utilizzando la formula conservativa (6.2) §6.2.1 EN 1993-1-1:2005.

X	Comb.	Sfruttamento	Classe	NEd	NRd	Rid. NRd da VEd	Mx,Ed	Mx,Rd	Rid. Mx,Rd da VEd	Rid. Mx,Rd da NEd	px	py	Verifica
3.536	SLU 7	0.19	1	-2.534	537.618	1	5.7026	30.7916	1		0	0	Si

Verifica a presso/tenso flessione retta X SLD §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

Verifiche eseguite utilizzando la formula conservativa (6.2) §6.2.1 EN 1993-1-1:2005.

X	Comb.	Sfruttamento	Classe	NEd	NRd	Rid. NRd da VEd	Mx,Ed	Mx,Rd	Rid. Mx,Rd da VEd	Rid. Mx,Rd da NEd	px	py	Verifica
1.768	SLD 9	0.02	1	-5.442	537.618	1	0.2955	30.7916	1		0	0	Si

Verifica a presso/tenso flessione retta Y SLD §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

Verifiche eseguite utilizzando la formula conservativa (6.2) §6.2.1 EN 1993-1-1:2005.

X	Comb.	Sfruttamento	Classe	NEd	NRd	Rid. NRd da VEd	My,Ed	My,Rd	Rid. My,Rd da VEd	Rid. My,Rd da NEd	px	py	Verifica
1.65	SLD 11	0.02	1	2.718	537.618	1	0.121	7.8676	1		0	0	Si

Verifica a presso/tenso flessione deviata §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

Verifiche eseguite utilizzando la formula conservativa (6.2) §6.2.1 EN 1993-1-1:2005.

X	Comb.	Sfruttamento	Classe	NEd	NRd	Rid. NRd da VEd	Mx,Ed	Mx,Rd	My,Ed	My,Rd	Rid. Mx,Rd da VEd	Rid. Mx,Rd da NEd	Rid. My,Rd da VEd	Rid. My,Rd da NEd	α	β	px	py	Verifica
0	SLV 5	0.756	1	-6.992	537.618	1	-7.5235	30.7916	-3.9239	7.8676	1		1			0	0	Si	

Verifica a presso/tenso flessione deviata SLD §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

Verifiche eseguite utilizzando la formula conservativa (6.2) §6.2.1 EN 1993-1-1:2005.

X	Comb.	Sfruttamento	Classe	NEd	NRd	Rid. NRd da VEd	Mx,Ed	Mx,Rd	My,Ed	My,Rd	Rid. Mx,Rd da VEd	Rid. Mx,Rd da NEd	Rid. My,Rd da VEd	Rid. My,Rd da NEd	α	β	px	py	Verifica
0	SLD 5	0.473	1	-3.13	537.618	1	-7.0244	30.7916	-1.8784	7.8676	1		1			0	0	Si	

Verifiche ad instabilità**Caratteristiche iniziali**

Membratura principale per controllo snellezza; Calcolo di snellezze ed N critici condotti secondo gli assi principali;

Curva X: c; Curva Y: c;

Svergolamento: Nessuno; la verifica a instabilità flesso-torsionale (svergolamento) non verrà eseguita.

Dati per instabilità attorno a x

Controllo della snellezza secondo §4.2.4.1.3.1 NTC18

Numero rit.	Presente	Ascissa	Campata	$\beta x/m$	Vincolo a entrambi estremi	$\lambda x/m$	λVer
1	Si	0					
			1-2	1	Si	57	Si, (<200)
2	Si	3.536					

Dati per instabilità attorno a y

Controllo della snellezza secondo §4.2.4.1.3.1 NTC18

Numero rit.	Presente	Ascissa	Campata	$\beta y/n$	k,LT	kw,LT	Vincolo a entrambi estremi
1	Si	0					
			1-2	1	Si	187.9	Si, (<200)
2	Si	3.536					

Verifica di stabilità per pressoflessione §C.4.2.4.1.3.3.1 NTC18

X	Comb.	Sfruttamento	Classe	NEd	MxEq,Ed	MyEq,Ed	Area	Wx	Wy	$\chi_{,min}$	$\lambda_{adim. x/m}$	$\lambda_{adim. y/n}$	N,crit x/m	N,crit y/n	Verifica
3.536	SLV 5	0.672	1	-9.224	-5.6426	-2.9429	0.002402	0.0001376	0.0000352	0.196	0.607	2.001	1533.749	140.945	Si

Verifica di stabilità per pressoflessione SLD §C.4.2.4.1.3.3.1 NTC18

X	Comb.	Sfruttamento	Classe	NEd	MxEq,Ed	MyEq,Ed	Area	Wx	Wy	$\chi_{,min}$	$\lambda_{adim. x/m}$	$\lambda_{adim. y/n}$	N,crit x/m	N,crit y/n	Verifica
3.536	SLD 5	0.409	1	-5.362	-5.2683	-1.4088	0.002402	0.0001376	0.0000352	0.196	0.607	2.001	1533.749	140.945	Si

Verifica di stabilità a taglio anima Y §4.2.4.1.2.4 [4.2.27] NTC18

η	hw	tw	hw/tw max	Verifica
1.2	0.134	0.008	60	Si

Verifica di stabilità a taglio anima Y SLD §4.2.4.1.2.4 [4.2.27] NTC18

η	hw	tw	hw/tw max	Verifica
1.2	0.134	0.008	60	Si

Verifiche a deformabilità

Mensola X: No; Mensola Y: No.

Frecce lungo X

Ascissa freccia	Combinazione	Freccia	Luce	L/f	L/f,min	Tipo	Verifica
1.532	SLE RA 1	0.00007	3.536	10000	250	Totale	Si
1.532	SLE RA 2	0.00006	3.536	10000	250	Totale	Si
1.532	SLE RA 3	0.00006	3.536	10000	250	Totale	Si
1.532	SLE RA 4	0.00006	3.536	10000	250	Totale	Si
1.532	SLE RA 5	0.00006	3.536	10000	250	Totale	Si
1.532	SLE RA 2	0	3.536	10000	350	Variabile	Si
1.532	SLE RA 3	0	3.536	10000	350	Variabile	Si
1.65	SLE RA 4	0	3.536	10000	350	Variabile	Si
1.65	SLE RA 5	0	3.536	10000	350	Variabile	Si
1.532	SLE RA 6	-0.00001	3.536	10000	350	Variabile	Si

Frecce lungo Y

Ascissa freccia	Combinazione	Freccia	Luce	L/f	L/f,min	Tipo	Verifica
0.707	SLE RA 7	-0.00066	3.536	5345.3	250	Totale	Si
0.707	SLE RA 9	-0.00066	3.536	5350.6	250	Totale	Si
0.707	SLE RA 3	-0.00066	3.536	5351.8	250	Totale	Si
0.707	SLE RA 8	-0.00066	3.536	5355.8	250	Totale	Si
0.707	SLE RA 5	-0.00066	3.536	5357.1	250	Totale	Si
0.825	SLE RA 7	-0.00043	3.536	8249.2	350	Variabile	Si
0.825	SLE RA 9	-0.00043	3.536	8263.1	350	Variabile	Si
0.707	SLE RA 3	-0.00043	3.536	8266.6	350	Variabile	Si
0.707	SLE RA 8	-0.00043	3.536	8276.1	350	Variabile	Si
0.707	SLE RA 5	-0.00043	3.536	8279.2	350	Variabile	Si

Superelemento in acciaio a "Rampa scala esterna" (2300; 2123)-(2300; 2210)**Caratteristiche del materiale**

Acciaio: S235, fyk = 235000

Caratteristiche geometriche

Lunghezza: 0.865

Nodo iniziale: 5148 Nodo finale: 5149

Cerniera iniziale: Svincolo: M3 Cerniera finale: Svincolo: M3

Sovreresistenza: 0% Sisma Z: No

Caratteristiche della sezione

Sezione	Rotazione	Area	Jx	Jy	ix	iy	Wx	Wy	Wplx	Wply
UPN160	0	0.002402	0.00000925	0.00000085	0.0621	0.0188	0.00011562	0.00001824	0.00013758	0.00003515

Verifiche di resistenza**Verifica a flessione semplice X §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18**

X	Comb.	Sfruttamento	Classe	Mx,Ed	Mx,Rd	Rid. Mx,Rd da VEd	px	py	Verifica
0.433	SLU 1	0.001	1	-0.02293	30.79164	1	0	0	Si

Verifica a flessione semplice X SLD §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

X	Comb.	Sfruttamento	Classe	Mx,Ed	Mx,Rd	Rid. Mx,Rd da VEd	px	py	Verifica
0.433	SLD 5	0.001	1	-0.01764	30.79164	1	0	0	Si

Verifica a flessione semplice Y §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

X	Comb.	Sfruttamento	Classe	My,Ed	My,Rd	Rid. My,Rd da VEd	px	py	Verifica
0.865	SLV 7	0.001	1	0.0056	7.86761	1	0	0	Si

Verifica a flessione semplice Y SLD §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

X	Comb.	Sfruttamento	Classe	My,Ed	My,Rd	Rid. My,Rd da VEd	px	py	Verifica
0.865	SLD 8	0	1	0.00331	7.86761	1	0	0	Si

Verifica a flessione deviata §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

X	Comb.	Sfruttamento	Classe	Mx,Ed	Mx,Rd	My,Ed	My,Rd	Rid. Mx,Rd da VEd	Rid. My,Rd da VEd	α	β	px	py	Verifica
0.663	SLV 8	0.001	1	-0.0126	30.7916	0.003	7.8676	1	1			0	0	Si

Verifiche ad instabilità**Caratteristiche iniziali**

Membratura principale per controllo snellezza; Calcolo di snellezze ed N critici condotti secondo gli assi principali;

Curva X: c; Curva Y: c;

Svergolamento: Nessuno; la verifica a instabilità flesso-torsionale (svergolamento) non verrà eseguita.

Dati per instabilità attorno a x

Controllo della snellezza secondo §4.2.4.1.3.1 NTC18

Numero rit.	Presente	Ascissa	Campata	βx/m	Vincolo a entrambi estremi	λx/m	λVer
1	Si	0					
			1-2		1	13.9	Si, (<200)
2	Si	0.865					

Dati per instabilità attorno a y

Controllo della snellezza secondo §4.2.4.1.3.1 NTC18

Numero rit.	Presente	Ascissa	Campata	βy/n	k,LT	kw,LT	Vincolo a entrambi estremi
1	Si	0					
			1-2		1	46	Si, (<200)
2	Si	0.865					

Verifica di stabilità per pressoflessione §C.4.2.4.1.3.3.1 NTC18

X	Comb.	Sfruttamento	Classe	NEd	MxEq,Ed	MyEq,Ed	Area	Wx	Wy	χ,min	λ adim. x/m	λ adim. y/n	N,crit x/m	N,crit y/n	Verifica
0.346	SLV 8	0.001	1	0	-0.0153	0.0042	0.002402	0.0001376	0.0000352	0.849	0.148	0.49	25622.831	2354.634	Si

Verifica di stabilità per pressoflessione SLD §C.4.2.4.1.3.3.1 NTC18

X	Comb.	Sfruttamento	Classe	NEd	MxEq,Ed	MyEq,Ed	Area	Wx	Wy	χ,min	λ adim. x/m	λ adim. y/n	N,crit x/m	N,crit y/n	Verifica
0.807	SLD 8	0.001	1	0	-0.0153	0.0025	0.002402	0.0001376	0.0000352	0.849	0.148	0.49	25622.831	2354.634	Si

Verifica di stabilità a taglio anima Y §4.2.4.1.2.4 [4.2.27] NTC18

η	hw	tw	hw/tw max	Verifica
1.2	0.134	0.008	60	Si

Verifiche a deformabilità

Mensola X: No; Mensola Y: No.

Frecce lungo X

Ascissa freccia	Combinazione	Freccia	Luce	L/f	L/f,min	Tipo	Verifica
0.663	SLE RA 1	0	0.865	10000	250	Totale	Si
0.663	SLE RA 2	0	0.865	10000	250	Totale	Si
0.663	SLE RA 3	0	0.865	10000	250	Totale	Si
0.663	SLE RA 4	0	0.865	10000	250	Totale	Si
0.663	SLE RA 5	0	0.865	10000	250	Totale	Si
0.173	SLE RA 2	0	0.865	10000	350	Variabile	Si
0.663	SLE RA 3	0	0.865	10000	350	Variabile	Si
0.634	SLE RA 4	0	0.865	10000	350	Variabile	Si
0.663	SLE RA 5	0	0.865	10000	350	Variabile	Si
0.663	SLE RA 6	0	0.865	10000	350	Variabile	Si

Frecce lungo Y

Ascissa freccia	Combinazione	Freccia	Luce	L/f	L/f,min	Tipo	Verifica
0.433	SLE RA 1	0	0.865	10000	250	Totale	Si

Vano di equalizzazione e sedimentazione meccanica

Ascissa freccia	Combinazione	Freccia	Luce	L/f	L/f,min	Tipo	Verifica
0.433	SLE RA 2	0	0.865	10000	250	Totale	Si
0.433	SLE RA 3	0	0.865	10000	250	Totale	Si
0.433	SLE RA 4	0	0.865	10000	250	Totale	Si
0.433	SLE RA 5	0	0.865	10000	250	Totale	Si
0.346	SLE RA 2	0	0.865	10000	350	Variabile	Si
0.721	SLE RA 3	0	0.865	10000	350	Variabile	Si
0.721	SLE RA 4	0	0.865	10000	350	Variabile	Si
0.721	SLE RA 5	0	0.865	10000	350	Variabile	Si
0.836	SLE RA 6	0	0.865	10000	350	Variabile	Si

Superelemento in acciaio a "Rampa scala esterna" (2300; 2123)-(2610; 2123)**Caratteristiche del materiale**

Acciaio: S235, fyk = 235000

Caratteristiche geometriche

Lunghezza: 3.536

Nodo iniziale: 5148 Nodo finale: 3834

Cerniera iniziale: No Cerniera finale: No

Sovreresistenza: 0% Sisma Z: No

Caratteristiche della sezione

Sezione	Rotazione	Area	Jx	Jy	ix	iy	Wx	Wy	Wplx	Wply
UPN160	0	0.002402	0.00000925	0.00000085	0.0621	0.0188	0.00011562	0.00001824	0.00013758	0.00003515

Verifiche di resistenza**Verifiche a forza assiale §4.2.4.1.2.1 - §4.2.4.1.2.2 NTC18**

X	Comb.	Sfruttamento	Classe	NEd	Nc,Rd	Nt,Rd	Riduzione da taglio	px	py	Verifica
3.536	SLV 11	0.024	1	-13.099	537.618		1	0	0	Si

Verifiche a forza assiale SLD §4.2.4.1.2.1 - §4.2.4.1.2.2 NTC18

X	Comb.	Sfruttamento	Classe	NEd	Nc,Rd	Nt,Rd	Riduzione da taglio	px	py	Verifica
3.536	SLD 12	0.016	1	-8.532	537.618		1	0	0	Si

Verifica a taglio X §4.2.4.1.2.4 NTC18

X	Comb.	Sfruttamento	VEd	Vc,Rd	Av	Interazione taglio-torsione	Riduzione torsione	Verifica
0	SLV 7	0.012	-2.192	179.437	0.00139	Considerata	1	Si

Verifica a taglio X SLD §4.2.4.1.2.4 NTC18

X	Comb.	Sfruttamento	VEd	Vc,Rd	Av	Interazione taglio-torsione	Riduzione torsione	Verifica
0	SLD 7	0.006	-1.047	179.489	0.00139	Considerata	1	Si

Verifica a taglio Y §4.2.4.1.2.4 NTC18

X	Comb.	Sfruttamento	VEd	Vc,Rd	Av	Interazione taglio-torsione	Riduzione torsione	Verifica
3.536	SLU 7	0.035	-5.602	158.435	0.001226	Considerata	1	Si

Verifica a taglio Y SLD §4.2.4.1.2.4 NTC18

X	Comb.	Sfruttamento	VEd	Vc,Rd	Av	Interazione taglio-torsione	Riduzione torsione	Verifica
3.536	SLD 3	0.024	-3.844	158.435	0.001226	Considerata	1	Si

Verifica a torsione §4.2.4.1.2.5 NTC18

X	Comb.	Sfruttamento torsione	TEd	TRd	Riduzione taglio resistente	Sfruttamento taglio-torsione	τEd,totale	τRd	Verifica
3.536	SLV 7	0.002	0.00141	0.81389	Considerata				Si

Verifica a torsione SLD §4.2.4.1.2.5 NTC18

X	Comb.	Sfruttamento torsione	TEd	TRd	Riduzione taglio resistente	Sfruttamento taglio-torsione	τEd,totale	τRd	Verifica
0	SLD 7	0.001	0.00083	0.81389	Considerata				Si

Verifica a flessione deviata §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

X	Comb.	Sfruttamento	Classe	Mx,Ed	Mx,Rd	My,Ed	My,Rd	Rid. Mx,Rd da VEd	Rid. My,Rd da VEd	α	β	px	py	Verifica
1.768	SLV 1	0.132	1	-4.0164	30.7916	-0.0157	7.8676	1	1			0	0	Si

Verifica a flessione deviata SLD §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

X	Comb.	Sfruttamento	Classe	Mx,Ed	Mx,Rd	My,Ed	My,Rd	Rid. Mx,Rd da VEd	Rid. My,Rd da VEd	α	β	px	py	Verifica
3.536	SLD 6	0.274	1	1.3299	30.7916	1.8182	7.8676	1	1			0	0	Si

Verifica a presso/tenso flessione retta X §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

Verifiche eseguite utilizzando la formula conservativa (6.2) §6.2.1 EN 1993-1-1:2005.

X	Comb.	Sfruttamento	Classe	NEd	NRd	Rid. NRd da VEd	Mx,Ed	Mx,Rd	Rid. Mx,Rd da VEd	Rid. Mx,Rd da NEd	px	py	Verifica
0.354	SLU 7	0.202	1	-3.079	537.618	1	-6.0291	30.7916	1	1	0	0	Si

Verifica a presso/tenso flessione deviata §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

Verifiche eseguite utilizzando la formula conservativa (6.2) §6.2.1 EN 1993-1-1:2005.

X	Comb.	Sfruttamento	Classe	NEd	NRd	Rid. NRd da VEd	Mx,Ed	Mx,Rd	My,Ed	My,Rd	Rid. Mx,Rd da VEd	Rid. Mx,Rd da NEd	Rid. My,Rd da VEd	Rid. My,Rd da NEd	α	β	px	py	Verifica
0	SLV 8	0.654	1	-10.365	537.618	1	-4.3038	30.7916	3.8922	7.8676	1	1	1	1			0	0	Si

Verifica a presso/tenso flessione deviata SLD §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

Verifiche eseguite utilizzando la formula conservativa (6.2) §6.2.1 EN 1993-1-1:2005.

X	Comb.	Sfruttamento	Classe	NEd	NRd	Rid. NRd da VEd	Mx,Ed	Mx,Rd	My,Ed	My,Rd	Rid. Mx,Rd da VEd	Rid. Mx,Rd da NEd	Rid. My,Rd da VEd	Rid. My,Rd da NEd	α	β	px	py	Verifica
0	SLD 7	0.373	1	-6.035	537.618	1	-3.8888	30.7916	1.8565	7.8676	1	1	1	1			0	0	Si

Verifiche ad instabilità**Caratteristiche iniziali**

Membratura principale per controllo snellezza; Calcolo di snellezze ed N critici condotti secondo gli assi principali;

Curva X: c; Curva Y: c;

Svergolamento: Nessuno; la verifica a instabilità flesso-torsionale (svergolamento) non verrà eseguita.

Dati per instabilità attorno a x

Controllo della snellezza secondo §4.2.4.1.3.1 NTC18

Numero rit.	Presente	Ascissa	Campata	βx/m	Vincolo a entrambi estremi	λx/m	λVer
1	Si	0					

Vano di equalizzazione e sedimentazione meccanica

Numero rit.	Presente	Ascissa	Campata	$\beta x/m$	Vincolo a entrambi estremi	$\lambda x/m$	λVer
2	Si	3.536	1-2	1	Si	57	Si, (<200)

Dati per instabilità attorno a y

Controllo della snellezza secondo §4.2.4.1.3.1 NTC18

Numero rit.	Presente	Ascissa	Campata	$\beta y/n$	k,LT	kw,LT	Vincolo a entrambi estremi
1	Si	0					
2	Si	3.536	1-2	1	Si	187.9	Si, (<200)

Verifica di stabilità per pressoflessione §C.4.2.4.1.3.3.1 NTC18

X	Comb.	Sfruttamento	Classe	NEd	MxEq,Ed	MyEq,Ed	Area	Wx	Wy	$\chi_{,min}$	$\lambda_{adim. x/m}$	$\lambda_{adim. y/n}$	N,crit x/m	N,crit y/n	Verifica
3.536	SLV 8	0.448	1	-12.597	-3.4076	1.5569	0.002402	0.0001376	0.0000352	0.196	0.607	2.001	1533.713	140.942	Si

Verifica di stabilità per pressoflessione SLD §C.4.2.4.1.3.3.1 NTC18

X	Comb.	Sfruttamento	Classe	NEd	MxEq,Ed	MyEq,Ed	Area	Wx	Wy	$\chi_{,min}$	$\lambda_{adim. x/m}$	$\lambda_{adim. y/n}$	N,crit x/m	N,crit y/n	Verifica
3.536	SLD 7	0.283	1	-8.267	-3.2011	0.7426	0.002402	0.0001376	0.0000352	0.196	0.607	2.001	1533.713	140.942	Si

Verifica di stabilità a taglio anima Y §4.2.4.1.2.4 [4.2.27] NTC18

η	hw	tw	hw/tw max	Verifica
1.2	0.134	0.008	60	Si

Verifica di stabilità a taglio anima Y SLD §4.2.4.1.2.4 [4.2.27] NTC18

η	hw	tw	hw/tw max	Verifica
1.2	0.134	0.008	60	Si

Verifiche a deformabilità

Mensola X: No; Mensola Y: No.

Frecce lungo X

Ascissa freccia	Combinazione	Freccia	Luce	L/f	L/f,min	Tipo	Verifica
2.003	SLE RA 1	0.00007	3.536	10000	250	Totale	Si
2.003	SLE RA 2	0.00007	3.536	10000	250	Totale	Si
2.003	SLE RA 3	0.00006	3.536	10000	250	Totale	Si
2.003	SLE RA 4	0.00007	3.536	10000	250	Totale	Si
2.003	SLE RA 5	0.00007	3.536	10000	250	Totale	Si
2.003	SLE RA 2	0	3.536	10000	350	Variabile	Si
2.003	SLE RA 3	0	3.536	10000	350	Variabile	Si
2.003	SLE RA 4	0	3.536	10000	350	Variabile	Si
2.003	SLE RA 5	0	3.536	10000	350	Variabile	Si
2.003	SLE RA 6	-0.00001	3.536	10000	350	Variabile	Si

Frecce lungo Y

Ascissa freccia	Combinazione	Freccia	Luce	L/f	L/f,min	Tipo	Verifica
1.532	SLE RA 4	-0.00243	3.536	1454.1	250	Totale	Si
1.532	SLE RA 5	-0.00243	3.536	1454.3	250	Totale	Si
1.532	SLE RA 3	-0.00243	3.536	1454.5	250	Totale	Si
1.532	SLE RA 8	-0.00243	3.536	1454.8	250	Totale	Si
1.532	SLE RA 9	-0.00243	3.536	1455	250	Totale	Si
1.532	SLE RA 4	-0.00141	3.536	2509.8	350	Variabile	Si
1.532	SLE RA 5	-0.00141	3.536	2510.4	350	Variabile	Si
1.532	SLE RA 3	-0.00141	3.536	2510.9	350	Variabile	Si
1.532	SLE RA 8	-0.00141	3.536	2511.8	350	Variabile	Si
1.532	SLE RA 9	-0.00141	3.536	2512.3	350	Variabile	Si

Superelemento in acciaio a "Rampa scala esterna" (2300; 2210)-(2610; 2210)**Caratteristiche del materiale**

Acciaio: S235, fyk = 235000

Caratteristiche geometriche

Lunghezza: 3.536

Nodo iniziale: 5149 Nodo finale: 3893

Cerniera iniziale: No Cerniera finale: No

Sovreresistenza: 0% Sisma Z: No

Caratteristiche della sezione

Sezione	Rotazione	Area	Jx	Jy	ix	iy	Wx	Wy	Wplx	Wply
UPN160	180	0.002402	0.00000925	0.00000085	0.0621	0.0188	0.00011562	0.00001824	0.00013758	0.00003515

Verifiche di resistenza**Verifiche a forza assiale §4.2.4.1.2.1 - §4.2.4.1.2.2 NTC18**

X	Comb.	Sfruttamento	Classe	NEd	Nc,Rd	Nt,Rd	Riduzione da taglio	px	py	Verifica
3.536	SLV 10	0.024	1	-12.898	537.618		1	0	0	Si

Verifiche a forza assiale SLD §4.2.4.1.2.1 - §4.2.4.1.2.2 NTC18

X	Comb.	Sfruttamento	Classe	NEd	Nc,Rd	Nt,Rd	Riduzione da taglio	px	py	Verifica
3.536	SLD 9	0.016	1	-8.357	537.618		1	0	0	Si

Verifica a taglio X §4.2.4.1.2.4 NTC18

X	Comb.	Sfruttamento	VEd	Vc,Rd	Av	Interazione taglio-torsione	Riduzione torsione	Verifica
3.536	SLV 8	0.012	2.192	179.441	0.00139	Considerata	1	Si

Verifica a taglio X SLD §4.2.4.1.2.4 NTC18

X	Comb.	Sfruttamento	VEd	Vc,Rd	Av	Interazione taglio-torsione	Riduzione torsione	Verifica
3.536	SLD 8	0.006	1.048	179.492	0.00139	Considerata	1	Si

Verifica a taglio Y §4.2.4.1.2.4 NTC18

X	Comb.	Sfruttamento	VEd	Vc,Rd	Av	Interazione taglio-torsione	Riduzione torsione	Verifica
3.536	SLU 8	0.035	5.586	158.435	0.001226	Considerata	1	Si

Verifica a taglio Y SLD §4.2.4.1.2.4 NTC18

X	Comb.	Sfruttamento	VEd	Vc,Rd	Av	Interazione taglio-torsione	Riduzione torsione	Verifica
3.536	SLD 3	0.024	3.84	158.435	0.001226	Considerata	1	Si

Verifica a torsione §4.2.4.1.2.5 NTC18

X	Comb.	Sfruttamento torsione	TEd	TRd	Riduzione taglio resistente	Sfruttamento taglio-torsione	τEd,totale	τRd	Verifica
3.536	SLV 7	0.002	0.00138	0.81389	Considerata				Si

Verifica a torsione SLD §4.2.4.1.2.5 NTC18

X	Comb.	Sfruttamento torsione	TEd	TRd	Riduzione taglio resistente	Sfruttamento taglio-torsione	τEd,totale	τRd	Verifica
0	SLD 7	0.001	0.0008	0.81389	Considerata				Si

Verifica a flessione deviata §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

X	Comb.	Sfruttamento	Classe	Mx,Ed	Mx,Rd	My,Ed	My,Rd	Rid. Mx,Rd da VEd	Rid. My,Rd da VEd	α	β	px	py	Verifica
0	SLV 15	0.17	1	0.6714	30.7916	-1.1631	7.8676	1	1			0	0	Si

Verifica a flessione deviata SLD §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

X	Comb.	Sfruttamento	Classe	Mx,Ed	Mx,Rd	My,Ed	My,Rd	Rid. Mx,Rd da VEd	Rid. My,Rd da VEd	α	β	px	py	Verifica
3.536	SLD 7	0.278	1	-1.33	30.7916	1.8472	7.8676	1	1			0	0	Si

Verifica a presso/tenso flessione retta X §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

Verifiche eseguite utilizzando la formula conservativa (6.2) §6.2.1 EN 1993-1-1:2005.

X	Comb.	Sfruttamento	Classe	NEd	NRd	Rid. NRd da VEd	Mx,Ed	Mx,Rd	Rid. Mx,Rd da VEd	Rid. Mx,Rd da NEd	px	py	Verifica
0.471	SLU 7	0.202	1	-3.084	537.618	1	6.0583	30.7916	1	1	0	0	Si

Verifica a presso/tenso flessione retta Y SLD §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

Verifiche eseguite utilizzando la formula conservativa (6.2) §6.2.1 EN 1993-1-1:2005.

X	Comb.	Sfruttamento	Classe	NEd	NRd	Rid. NRd da VEd	My,Ed	My,Rd	Rid. My,Rd da VEd	Rid. My,Rd da NEd	px	py	Verifica
3.182	SLD 13	0.065	1	-5.598	537.618	1	-0.4293	7.8676	1	1	0	0	Si

Verifica a presso/tenso flessione deviata §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

Verifiche eseguite utilizzando la formula conservativa (6.2) §6.2.1 EN 1993-1-1:2005.

X	Comb.	Sfruttamento	Classe	NEd	NRd	Rid. NRd da VEd	Mx,Ed	Mx,Rd	My,Ed	My,Rd	Rid. Mx,Rd da VEd	Rid. Mx,Rd da NEd	Rid. My,Rd da VEd	Rid. My,Rd da NEd	α	β	px	py	Verifica
0	SLV 6	0.652	1	-10.192	537.618	1	4.2681	30.7916	3.8883	7.8676	1	1	1	1			0	0	Si

Verifica a presso/tenso flessione deviata SLD §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

Verifiche eseguite utilizzando la formula conservativa (6.2) §6.2.1 EN 1993-1-1:2005.

X	Comb.	Sfruttamento	Classe	NEd	NRd	Rid. NRd da VEd	Mx,Ed	Mx,Rd	My,Ed	My,Rd	Rid. Mx,Rd da VEd	Rid. Mx,Rd da NEd	Rid. My,Rd da VEd	Rid. My,Rd da NEd	α	β	px	py	Verifica
0	SLD 6	0.372	1	-5.873	537.618	1	3.8633	30.7916	1.854	7.8676	1	1	1	1			0	0	Si

Verifiche ad instabilità**Caratteristiche iniziali**

Membratura principale per controllo snellezza; Calcolo di snellezze ed N critici condotti secondo gli assi principali;

Curva X: c; Curva Y: c;

Svergolamento: Nessuno; la verifica a instabilità flesso-torsionale (svergolamento) non verrà eseguita.

Dati per instabilità attorno a x

Controllo della snellezza secondo §4.2.4.1.3.1 NTC18

Numero rit.	Presente	Ascissa	Campata	$\beta x/m$	Vincolo a entrambi estremi	$\lambda x/m$	λVer
1	Si	0					
			1-2	1	Si	57	Si, (<200)
2	Si	3.536					

Dati per instabilità attorno a y

Controllo della snellezza secondo §4.2.4.1.3.1 NTC18

Numero rit.	Presente	Ascissa	Campata	$\beta y/n$	k,LT	kw,LT	Vincolo a entrambi estremi
1	Si	0					
			1-2	1	Si	187.9	Si, (<200)
2	Si	3.536					

Verifica di stabilità per pressoflessione §C.4.2.4.1.3.3.1 NTC18

X	Comb.	Sfruttamento	Classe	NEd	MxEq,Ed	MyEq,Ed	Area	Wx	Wy	$\chi_{,min}$	$\lambda_{adim. x/m}$	$\lambda_{adim. y/n}$	N,crit x/m	N,crit y/n	Verifica
3.536	SLV 6	0.447	1	-12.424	3.433	1.5553	0.002402	0.0001376	0.0000352	0.196	0.607	2.001	1533.713	140.942	Si

Verifica di stabilità per pressoflessione SLD §C.4.2.4.1.3.3.1 NTC18

X	Comb.	Sfruttamento	Classe	NEd	MxEq,Ed	MyEq,Ed	Area	Wx	Wy	$\chi_{,min}$	$\lambda_{adim. x/m}$	$\lambda_{adim. y/n}$	N,crit x/m	N,crit y/n	Verifica
3.536	SLD 6	0.282	1	-8.105	3.217	0.7416	0.002402	0.0001376	0.0000352	0.196	0.607	2.001	1533.713	140.942	Si

Verifica di stabilità a taglio anima Y §4.2.4.1.2.4 [4.2.27] NTC18

η	hw	tw	hw/tw max	Verifica
1.2	0.134	0.008	60	Si

Verifica di stabilità a taglio anima Y SLD §4.2.4.1.2.4 [4.2.27] NTC18

η	hw	tw	hw/tw max	Verifica
1.2	0.134	0.008	60	Si

Verifiche a deformabilità

Mensola X: No; Mensola Y: No.

Frecce lungo X

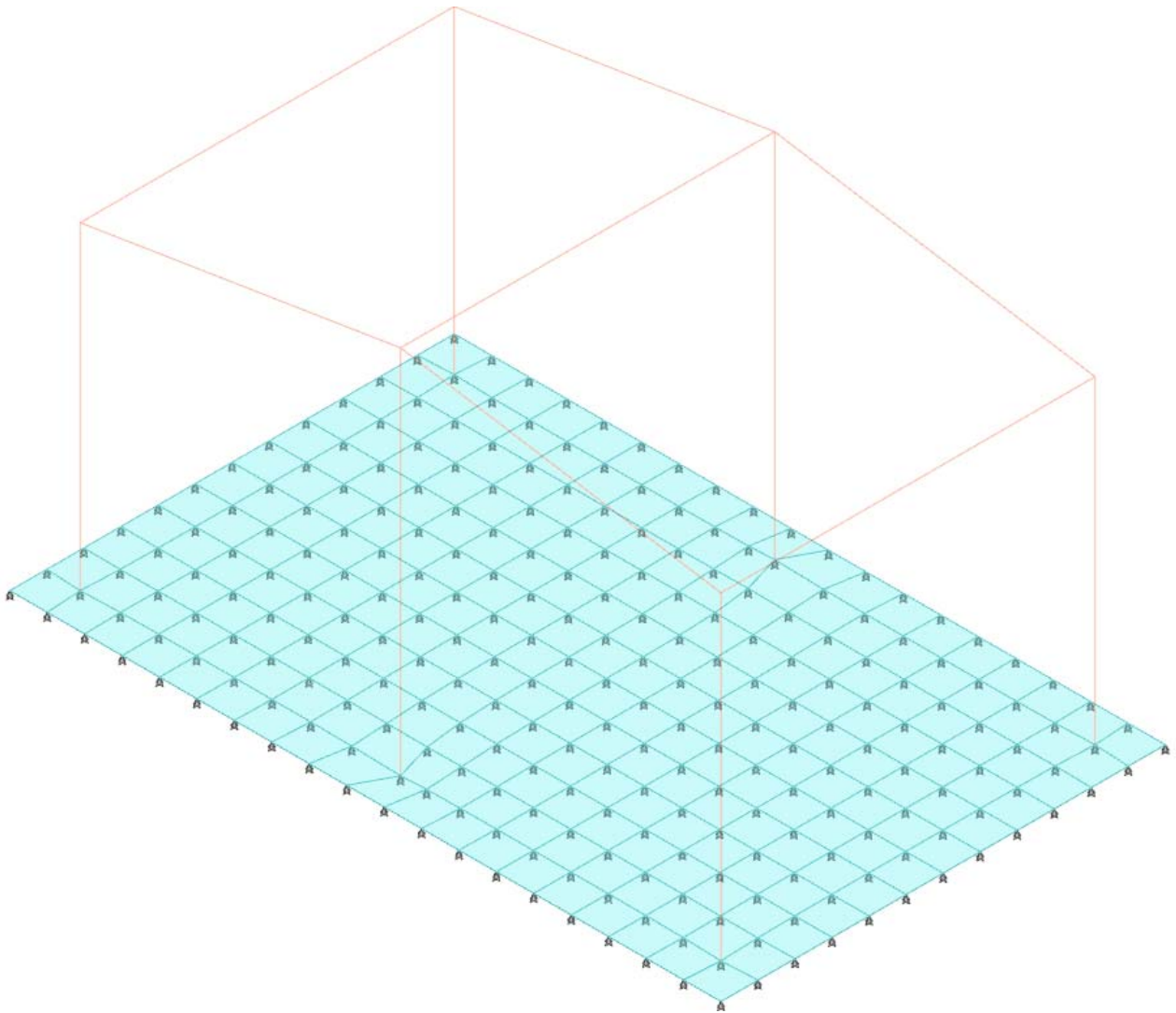
Ascissa freccia	Combinazione	Freccia	Luce	L/f	L/f,min	Tipo	Verifica
2.121	SLE RA 1	-0.00006	3.536	10000	250	Totale	Si
2.121	SLE RA 2	-0.00006	3.536	10000	250	Totale	Si
2.121	SLE RA 3	-0.00006	3.536	10000	250	Totale	Si
2.121	SLE RA 4	-0.00006	3.536	10000	250	Totale	Si
2.121	SLE RA 5	-0.00006	3.536	10000	250	Totale	Si
2.121	SLE RA 2	0	3.536	10000	350	Variabile	Si
2.121	SLE RA 3	0	3.536	10000	350	Variabile	Si
2.239	SLE RA 4	0	3.536	10000	350	Variabile	Si
2.239	SLE RA 5	0	3.536	10000	350	Variabile	Si
2.121	SLE RA 6	0.00001	3.536	10000	350	Variabile	Si

Frecce lungo Y

Ascissa freccia	Combinazione	Freccia	Luce	L/f	L/f,min	Tipo	Verifica
1.532	SLE RA 4	0.00244	3.536	1451.8	250	Totale	Si
1.532	SLE RA 5	0.00243	3.536	1452.1	250	Totale	Si
1.532	SLE RA 3	0.00243	3.536	1452.4	250	Totale	Si
1.532	SLE RA 8	0.00243	3.536	1454.1	250	Totale	Si
1.532	SLE RA 9	0.00243	3.536	1454.4	250	Totale	Si
1.532	SLE RA 4	0.0014	3.536	2523.5	350	Variabile	Si
1.532	SLE RA 5	0.0014	3.536	2524.4	350	Variabile	Si
1.532	SLE RA 3	0.0014	3.536	2525.2	350	Variabile	Si
1.532	SLE RA 8	0.0014	3.536	2530.4	350	Variabile	Si
1.532	SLE RA 9	0.0014	3.536	2531.3	350	Variabile	Si

MODELLO FEM

1 Rappresentazione del modello



Vista assometrica del modello ad elementi finiti.

2 Dati di modellazione

2.1 Nodi

2.1.1 Nodi di definizione

Indice: numero dell'elemento nell'insieme che lo contiene.

Posizione: coordinate del nodo.

X: coordinata X. [m]

Y: coordinata Y. [m]

Z: coordinata Z. [m]

Indice	Posizione		
	X	Y	Z
2	-0.325	-0.475	0
3	0.175	-0.475	0
4	0.675	-0.475	0
5	1.175	-0.475	0
6	1.675	-0.475	0
7	2.175	-0.475	0
8	2.675	-0.475	0
9	3.175	-0.475	0
10	3.675	-0.475	0
11	4.175	-0.475	0
12	4.675	-0.475	0
13	5.175	-0.475	0
14	5.675	-0.475	0
15	0.15	0	0
16	5.2	0	0
17	0.667	0.021	0
18	4.683	0.021	0
19	1.172	0.027	0
20	4.178	0.027	0
21	1.674	0.029	0
22	3.676	0.029	0
23	2.175	0.03	0
24	3.175	0.03	0
25	2.675	0.03	0
26	-0.325	0.03	0
27	5.675	0.03	0
28	0.167	0.526	0
29	5.183	0.526	0
30	0.67	0.53	0
31	4.68	0.53	0
32	1.173	0.533	0
33	4.177	0.533	0
34	1.674	0.535	0
35	3.676	0.535	0
36	2.175	0.535	0
37	3.175	0.535	0
38	2.675	0.535	0
39	-0.325	0.536	0
40	5.675	0.536	0
41	0.172	1.038	0
42	5.178	1.038	0
43	0.673	1.038	0
44	4.677	1.038	0
45	1.174	1.04	0
46	4.176	1.04	0
47	1.675	1.04	0
48	3.675	1.04	0
49	2.175	1.041	0
50	3.175	1.041	0
51	2.675	1.041	0
52	-0.325	1.041	0
53	5.675	1.041	0
54	0.174	1.545	0
55	0.674	1.545	0
56	1.175	1.546	0
57	5.176	1.546	0
58	4.676	1.546	0
59	4.175	1.546	0
60	1.675	1.546	0
61	3.675	1.546	0
62	2.175	1.546	0
63	3.175	1.546	0
64	2.675	1.546	0
65	-0.325	1.546	0
66	5.675	1.546	0
67	0.175	2.051	0
68	0.675	2.051	0
69	1.175	2.051	0
70	1.675	2.051	0
71	2.175	2.051	0
72	-0.325	2.051	0
73	5.675	2.051	0
74	2.675	2.051	0
75	3.175	2.051	0
76	3.675	2.052	0

Indice	Posizione		
	X	Y	Z
77	4.175	2.052	0
78	4.675	2.053	0
79	5.175	2.053	0
80	0.175	2.554	0
81	0.675	2.554	0
82	1.175	2.555	0
83	1.675	2.556	0
84	2.175	2.556	0
85	-0.325	2.557	0
86	5.675	2.557	0
87	2.675	2.557	0
88	3.175	2.557	0
89	3.675	2.558	0
90	4.175	2.561	0
91	4.676	2.564	0
92	5.176	2.565	0
93	0.174	3.054	0
94	0.674	3.054	0
95	1.175	3.058	0
96	1.675	3.06	0
97	2.175	3.061	0
98	-0.325	3.062	0
99	5.675	3.062	0
100	2.675	3.062	0
101	3.175	3.063	0
102	3.675	3.066	0
103	4.176	3.073	0
104	4.677	3.084	0
105	5.178	3.088	0
106	0.172	3.541	0
107	0.673	3.545	0
108	1.174	3.556	0
109	1.675	3.563	0
110	2.175	3.566	0
111	-0.325	3.567	0
112	5.675	3.567	0
113	2.675	3.567	0
114	3.175	3.57	0
115	3.676	3.576	0
116	4.177	3.591	0
117	4.68	3.62	0
118	5.183	3.649	0
119	0.167	3.991	0
120	0.67	4.019	0
121	1.173	4.048	0
122	1.674	4.064	0
123	2.175	4.07	0
124	-0.325	4.072	0
125	5.675	4.072	0
126	2.675	4.073	0
127	3.175	4.076	0
128	3.676	4.084	0
129	4.179	4.108	0
130	4.684	4.168	0
131	0.15	4.325	0
132	5.2	4.325	0
133	0.666	4.482	0
134	1.171	4.542	0
135	1.674	4.566	0
136	2.175	4.574	0
137	2.675	4.577	0
138	-0.325	4.578	0
139	5.675	4.578	0
140	3.175	4.58	0
141	3.676	4.586	0
142	4.177	4.602	0
143	4.68	4.631	0
144	5.183	4.659	0
145	0.167	5.001	0
146	0.67	5.03	0
147	1.173	5.059	0
148	1.674	5.074	0
149	2.175	5.08	0
150	2.675	5.083	0
151	-0.325	5.083	0
152	5.675	5.083	0
153	3.175	5.084	0
154	3.675	5.087	0
155	4.176	5.094	0
156	4.677	5.105	0
157	5.178	5.109	0
158	0.172	5.562	0
159	0.673	5.566	0
160	1.174	5.577	0
161	1.675	5.584	0
162	2.175	5.587	0
163	2.675	5.588	0
164	-0.325	5.588	0
165	5.675	5.588	0
166	3.175	5.589	0
167	3.675	5.59	0
168	4.175	5.592	0
169	4.676	5.596	0
170	5.176	5.596	0
171	0.174	6.085	0
172	0.674	6.086	0
173	1.175	6.089	0
174	1.675	6.092	0
175	2.175	6.093	0

Indice	Posizione			Z
	X	Y	Y	
176	2.675	6.093	6.093	0
177	-0.325	6.093	6.093	0
178	5.675	6.093	6.093	0
179	3.175	6.094	6.094	0
180	3.675	6.094	6.094	0
181	4.175	6.095	6.095	0
182	4.675	6.096	6.096	0
183	5.175	6.096	6.096	0
184	0.175	6.597	6.597	0
185	0.675	6.597	6.597	0
186	1.175	6.598	6.598	0
187	1.675	6.598	6.598	0
188	2.175	6.599	6.599	0
189	2.675	6.599	6.599	0
190	-0.325	6.599	6.599	0
191	5.675	6.599	6.599	0
192	3.175	6.599	6.599	0
193	3.675	6.599	6.599	0
194	4.175	6.599	6.599	0
195	4.675	6.599	6.599	0
196	5.175	6.599	6.599	0
197	-0.325	7.104	7.104	0
198	5.675	7.104	7.104	0
199	2.675	7.104	7.104	0
200	2.175	7.104	7.104	0
201	3.175	7.104	7.104	0
202	1.675	7.104	7.104	0
203	3.675	7.104	7.104	0
204	1.175	7.104	7.104	0
205	0.674	7.104	7.104	0
206	0.174	7.104	7.104	0
207	4.175	7.104	7.104	0
208	4.676	7.105	7.105	0
209	5.176	7.105	7.105	0
210	-0.325	7.609	7.609	0
211	5.675	7.609	7.609	0
212	2.675	7.609	7.609	0
213	2.175	7.609	7.609	0
214	3.175	7.609	7.609	0
215	1.675	7.61	7.61	0
216	3.675	7.61	7.61	0
217	1.174	7.61	7.61	0
218	4.176	7.61	7.61	0
219	0.673	7.612	7.612	0
220	4.677	7.612	7.612	0
221	0.172	7.612	7.612	0
222	5.178	7.612	7.612	0
223	-0.325	8.114	8.114	0
224	5.675	8.114	8.114	0
225	2.675	8.115	8.115	0
226	2.175	8.115	8.115	0
227	3.175	8.115	8.115	0
228	1.674	8.115	8.115	0
229	3.676	8.115	8.115	0
230	1.173	8.117	8.117	0
231	4.177	8.117	8.117	0
232	0.67	8.12	8.12	0
233	4.68	8.12	8.12	0
234	0.167	8.124	8.124	0
235	5.183	8.124	8.124	0
236	-0.325	8.62	8.62	0
237	5.675	8.62	8.62	0
238	2.675	8.62	8.62	0
239	2.175	8.62	8.62	0
240	3.175	8.62	8.62	0
241	1.674	8.621	8.621	0
242	3.676	8.621	8.621	0
243	1.172	8.623	8.623	0
244	4.178	8.623	8.623	0
245	0.667	8.629	8.629	0
246	4.683	8.629	8.629	0
247	0.15	8.65	8.65	0
248	5.2	8.65	8.65	0
249	-0.325	9.125	9.125	0
250	0.175	9.125	9.125	0
251	0.675	9.125	9.125	0
252	1.175	9.125	9.125	0
253	1.675	9.125	9.125	0
254	2.175	9.125	9.125	0
255	2.675	9.125	9.125	0
256	3.175	9.125	9.125	0
257	3.675	9.125	9.125	0
258	4.175	9.125	9.125	0
259	4.675	9.125	9.125	0
260	5.175	9.125	9.125	0
261	5.675	9.125	9.125	0
262	0.15	0	4.3	4.3
263	5.2	0	4.3	4.3
264	0.15	8.65	4.3	4.3
265	5.2	8.65	4.3	4.3
266	0.15	4.325	5	5
267	5.2	4.325	5	5

2.2 Aste

2.2.1 Carichi su aste

2.2.1.1 Carichi trapezoidali locali

Indice asta: indice dell'asta a cui si riferisce il carico trapezoidale.

Condizione: condizione elementare di carico a cui si riferisce il carico.

Posizione iniziale: posizione iniziale del carico sull'asse locale 1. [m]

F1 iniziale: componente del valore iniziale del carico lungo l'asse locale 1. [kN/m]

F2 iniziale: componente del valore iniziale del carico lungo l'asse locale 2. [kN/m]

F3 iniziale: componente del valore iniziale del carico lungo l'asse locale 3. [kN/m]

Posizione finale: posizione finale del carico sull'asse locale 1. [m]

F1 finale: componente del valore finale del carico lungo l'asse locale 1. [kN/m]

F2 finale: componente del valore finale del carico lungo l'asse locale 2. [kN/m]

F3 finale: componente del valore finale del carico lungo l'asse locale 3. [kN/m]

Indice asta	Condizione	Posizione iniziale	F1 iniziale	F2 iniziale	F3 iniziale	Posizione finale	F1 finale	F2 finale	F3 finale
1	Vento +X	0	0	0	-2.09	4.3	0	0	-2.09
1	Vento +Y	0	0	-2.44	0	4.3	0	-2.44	0
2	Vento +X	0	0	0	-4.17	5	0	0	-4.17
3	Vento +X	0	0	0	-2.09	4.3	0	0	-2.09
3	Vento +Y	0	0	-2.44	0	4.3	0	-2.44	0
4	Vento +X	0	0	0	-2.09	4.3	0	0	-2.09
4	Vento +Y	0	0	-2.44	0	4.3	0	-2.44	0
5	Vento +X	0	0	0	-4.17	5	0	0	-4.17
6	Vento +X	0	0	0	-2.09	4.3	0	0	-2.09
6	Vento +Y	0	0	-2.44	0	4.3	0	-2.44	0
7	Permanenti portati	0	-0.081	-0.499	0	4.368	-0.081	-0.499	0
7	Variabile H	0	-0.202	-1.246	0	4.368	-0.202	-1.246	0
7	Neve	0	-0.773	-4.773	0	4.368	-0.773	-4.773	0
8	Permanenti portati	0.013	0.081	-0.499	0	4.381	0.081	-0.499	0
8	Variabile H	0.013	0.202	-1.246	0	4.381	0.202	-1.246	0
8	Neve	0.013	0.773	-4.773	0	4.381	0.773	-4.773	0
9	Permanenti portati	0.013	0.081	-0.499	0	4.381	0.081	-0.499	0
9	Variabile H	0.013	0.202	-1.246	0	4.381	0.202	-1.246	0
9	Neve	0.013	0.773	-4.773	0	4.381	0.773	-4.773	0
12	Permanenti portati	0.013	0.081	-0.499	0	4.381	0.081	-0.499	0
12	Variabile H	0.013	0.202	-1.246	0	4.381	0.202	-1.246	0
12	Neve	0.013	0.773	-4.773	0	4.381	0.773	-4.773	0

2.2.2 Caratteristiche meccaniche aste

I seguenti dati si riferiscono alle caratteristiche meccaniche delle aste utilizzate dal solutore ad elementi finiti. Normalmente differiscono dalle caratteristiche inerziali delle sezioni definite nel database. Tengono conto dei moltiplicatori inerziali espressi nelle preferenze FEM e di indicazioni tratte dalla bibliografia (SAP 90 Volume I Figura X-8; Belluzzi Vol. 1).

I.: numero dell'elemento nell'insieme che lo contiene.

Area: area della sezione trasversale. [m²]

Area 2: area di taglio per sforzo di taglio nella direzione 2. [m²]

Area 3: area di taglio per sforzo di taglio nella direzione 3. [m²]

In.2: momento d'inerzia attorno all'asse locale 2. [m⁴]

In.3: momento d'inerzia attorno all'asse locale 3. [m⁴]

In.tors.: momento d'inerzia torsionale corretto con il fattore di torsione. [m⁴]

E: modulo di elasticità longitudinale. [kN/m²]

G: modulo di elasticità tangenziale. [kN/m²]

α: coefficiente di dilatazione termica longitudinale. [°C⁻¹]

P.unit.: peso per unità di lunghezza dell'elemento. [kN/m]

S.fibre: caratteristiche della sezione a fibre.

Sez.corr.: sezione degli elementi correlati.

Desc.: descrizione o nome assegnato all'elemento.

Mat.corr.: materiale degli elementi correlati.

Desc.: descrizione o nome assegnato all'elemento.

I.	Area	Area 2	Area 3	In.2	In.3	In.tors.	E	G	α	P.unit.	S.fibre	Sez.corr.	Mat.corr.
												Desc.	Desc.
1	0.0078	0.0017	0.005	2.00E-05	0.000057	4.91E-07	2.10E08	80769231	0.000012	0.613		HEB200	S235
2	0.0029	0.0011	0.0014	1.42E-06	1.95E-05	5.17E-08	2.10E08	80769231	0.000012	0.224		IPE200	S235
3	0.0039	0.0014	0.002	2.84E-06	3.90E-05	9.28E-08	2.10E08	80769231	0.000012	0.307		IPE240	S235

2.2.3 Definizioni aste

Indice: numero dell'elemento nell'insieme che lo contiene.

Nodo I: nodo iniziale.

Nodo J: nodo finale.

Nodo K: nodo che definisce l'asse locale 2.

Sezione: caratteristiche inerziali-meccaniche della sezione.

Indice: numero dell'elemento nell'insieme che lo contiene.

Indice	Nodo I	Nodo J	Nodo K	Sezione
				Indice
1	16	263	272	1
2	132	267	274	1
3	248	265	276	1
4	15	262	271	1
5	131	266	273	1

Locale pre-ispessimento fanghi

Indice	Nodo I	Nodo J	Nodo K	Sezione Indice
6	247	264	275	1
7	262	266	270	2
8	266	264	270	2
9	267	263	270	2
10	264	265	270	3
11	262	263	270	3
12	267	265	270	2
13	266	267	270	3

2.3 Gusci

2.3.1 Caratteristiche meccaniche gusci

Indice: numero dell'elemento nell'insieme che lo contiene.

Comportamento: comportamento del materiale.

E1: modulo di elasticità longitudinale, lungo l'asse 1 del sistema di riferimento locale. [kN/m²]

v: modulo di Poisson. Il valore è adimensionale.

E2: modulo di elasticità longitudinale, lungo l'asse 2 del sistema di riferimento locale. [kN/m²]

G: modulo di elasticità tangenziale. [kN/m²]

α: coefficiente di dilatazione termica longitudinale. [°C⁻¹]

Peso unitario: peso per unità di volume, riferito allo spessore membranale. [kN/m³]

Indice	Comportamento	E1	v	E2	G	α	Peso unitario
1	Isotropo	32588108	0.1	0	0	0.00001	25

2.3.2 Definizioni gusci

In.: numero dell'elemento nell'insieme che lo contiene.

Nodo I: primo nodo di definizione dell'elemento.

Nodo J: secondo nodo di definizione dell'elemento.

Nodo L: terzo nodo di definizione dell'elemento; nel caso di elementi triangolari non è definito.

Nodo K: ultimo nodo di definizione dell'elemento.

Sp.mem.: spessore membranale dell'elemento. [m]

Sp.fless.: spessore flessionale dell'elemento. [m]

Tm: variazione termica nel piano medio dell'elemento. [°C]

Mat.: caratteristiche meccaniche dell'elemento.

Ind.: numero dell'elemento nell'insieme che lo contiene.

In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat. Ind.
1	14	27	16	13	0.3	0.3	0	1
2	13	16	18	12	0.3	0.3	0	1
3	12	18	20	11	0.3	0.3	0	1
4	11	20	22	10	0.3	0.3	0	1
5	10	22	24	9	0.3	0.3	0	1
6	9	24	25	8	0.3	0.3	0	1
7	8	25	23	7	0.3	0.3	0	1
8	7	23	21	6	0.3	0.3	0	1
9	6	21	19	5	0.3	0.3	0	1
10	5	19	17	4	0.3	0.3	0	1
11	4	17	15	3	0.3	0.3	0	1
12	3	15	26	2	0.3	0.3	0	1
13	27	40	29	16	0.3	0.3	0	1
14	16	29	31	18	0.3	0.3	0	1
15	18	31	33	20	0.3	0.3	0	1
16	20	33	35	22	0.3	0.3	0	1
17	22	35	37	24	0.3	0.3	0	1
18	24	37	38	25	0.3	0.3	0	1
19	25	38	36	23	0.3	0.3	0	1
20	23	36	34	21	0.3	0.3	0	1
21	21	34	32	19	0.3	0.3	0	1
22	19	32	30	17	0.3	0.3	0	1
23	17	30	28	15	0.3	0.3	0	1
24	15	28	39	26	0.3	0.3	0	1
25	40	53	42	29	0.3	0.3	0	1
26	29	42	44	31	0.3	0.3	0	1
27	31	44	46	33	0.3	0.3	0	1
28	33	46	48	35	0.3	0.3	0	1
29	35	48	50	37	0.3	0.3	0	1
30	37	50	51	38	0.3	0.3	0	1
31	38	51	49	36	0.3	0.3	0	1
32	36	49	47	34	0.3	0.3	0	1
33	34	47	45	32	0.3	0.3	0	1
34	32	45	43	30	0.3	0.3	0	1
35	30	43	41	28	0.3	0.3	0	1
36	28	41	52	39	0.3	0.3	0	1
37	53	66	57	42	0.3	0.3	0	1
38	42	57	58	44	0.3	0.3	0	1
39	44	58	59	46	0.3	0.3	0	1
40	46	59	61	48	0.3	0.3	0	1
41	48	61	63	50	0.3	0.3	0	1
42	50	63	64	51	0.3	0.3	0	1
43	51	64	62	49	0.3	0.3	0	1
44	49	62	60	47	0.3	0.3	0	1
45	47	60	56	45	0.3	0.3	0	1
46	45	56	55	43	0.3	0.3	0	1
47	43	55	54	41	0.3	0.3	0	1
48	41	54	65	52	0.3	0.3	0	1
49	66	73	79	57	0.3	0.3	0	1
50	57	79	78	58	0.3	0.3	0	1
51	58	78	77	59	0.3	0.3	0	1
52	59	77	76	61	0.3	0.3	0	1
53	61	76	75	63	0.3	0.3	0	1
54	63	75	74	64	0.3	0.3	0	1
55	64	74	71	62	0.3	0.3	0	1
56	62	71	70	60	0.3	0.3	0	1
57	60	70	69	56	0.3	0.3	0	1
58	56	69	68	55	0.3	0.3	0	1
59	55	68	67	54	0.3	0.3	0	1
60	54	67	72	65	0.3	0.3	0	1
61	73	86	92	79	0.3	0.3	0	1

Locale pre-ispessimento fanghi

In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat. Ind.
62	79	92	91	78	0.3	0.3	0	1
63	78	91	90	77	0.3	0.3	0	1
64	77	90	89	76	0.3	0.3	0	1
65	76	89	88	75	0.3	0.3	0	1
66	75	88	87	74	0.3	0.3	0	1
67	74	87	84	71	0.3	0.3	0	1
68	71	84	83	70	0.3	0.3	0	1
69	70	83	82	69	0.3	0.3	0	1
70	69	82	81	68	0.3	0.3	0	1
71	68	81	80	67	0.3	0.3	0	1
72	67	80	85	72	0.3	0.3	0	1
73	86	99	105	92	0.3	0.3	0	1
74	92	105	104	91	0.3	0.3	0	1
75	91	104	103	90	0.3	0.3	0	1
76	90	103	102	89	0.3	0.3	0	1
77	89	102	101	88	0.3	0.3	0	1
78	88	101	100	87	0.3	0.3	0	1
79	87	100	97	84	0.3	0.3	0	1
80	84	97	96	83	0.3	0.3	0	1
81	83	96	95	82	0.3	0.3	0	1
82	82	95	94	81	0.3	0.3	0	1
83	81	94	93	80	0.3	0.3	0	1
84	80	93	98	85	0.3	0.3	0	1
85	99	112	118	105	0.3	0.3	0	1
86	105	118	117	104	0.3	0.3	0	1
87	104	117	116	103	0.3	0.3	0	1
88	103	116	115	102	0.3	0.3	0	1
89	102	115	114	101	0.3	0.3	0	1
90	101	114	113	100	0.3	0.3	0	1
91	100	113	110	97	0.3	0.3	0	1
92	97	110	109	96	0.3	0.3	0	1
93	96	109	108	95	0.3	0.3	0	1
94	95	108	107	94	0.3	0.3	0	1
95	94	107	106	93	0.3	0.3	0	1
96	93	106	111	98	0.3	0.3	0	1
97	112	125	132	118	0.3	0.3	0	1
98	118	132	130	117	0.3	0.3	0	1
99	117	130	129	116	0.3	0.3	0	1
100	116	129	128	115	0.3	0.3	0	1
101	115	128	127	114	0.3	0.3	0	1
102	114	127	126	113	0.3	0.3	0	1
103	113	126	123	110	0.3	0.3	0	1
104	110	123	122	109	0.3	0.3	0	1
105	109	122	121	108	0.3	0.3	0	1
106	108	121	120	107	0.3	0.3	0	1
107	107	120	119	106	0.3	0.3	0	1
108	106	119	124	111	0.3	0.3	0	1
109	125	139	144	132	0.3	0.3	0	1
110	132	144	143	130	0.3	0.3	0	1
111	130	143	142	129	0.3	0.3	0	1
112	129	142	141	128	0.3	0.3	0	1
113	128	141	140	127	0.3	0.3	0	1
114	127	140	137	126	0.3	0.3	0	1
115	126	137	136	123	0.3	0.3	0	1
116	123	136	135	122	0.3	0.3	0	1
117	122	135	134	121	0.3	0.3	0	1
118	121	134	133	120	0.3	0.3	0	1
119	120	133	131	119	0.3	0.3	0	1
120	119	131	138	124	0.3	0.3	0	1
121	139	152	157	144	0.3	0.3	0	1
122	144	157	156	143	0.3	0.3	0	1
123	143	156	155	142	0.3	0.3	0	1
124	142	155	154	141	0.3	0.3	0	1
125	141	154	153	140	0.3	0.3	0	1
126	140	153	150	137	0.3	0.3	0	1
127	137	150	149	136	0.3	0.3	0	1
128	136	149	148	135	0.3	0.3	0	1
129	135	148	147	134	0.3	0.3	0	1
130	134	147	146	133	0.3	0.3	0	1
131	133	146	145	131	0.3	0.3	0	1
132	131	145	151	138	0.3	0.3	0	1
133	152	165	170	157	0.3	0.3	0	1
134	157	170	169	156	0.3	0.3	0	1
135	156	169	168	155	0.3	0.3	0	1
136	155	168	167	154	0.3	0.3	0	1
137	154	167	166	153	0.3	0.3	0	1
138	153	166	163	150	0.3	0.3	0	1
139	150	163	162	149	0.3	0.3	0	1
140	149	162	161	148	0.3	0.3	0	1
141	148	161	160	147	0.3	0.3	0	1
142	147	160	159	146	0.3	0.3	0	1
143	146	159	158	145	0.3	0.3	0	1
144	145	158	164	151	0.3	0.3	0	1
145	165	178	183	170	0.3	0.3	0	1
146	170	183	182	169	0.3	0.3	0	1
147	169	182	181	168	0.3	0.3	0	1
148	168	181	180	167	0.3	0.3	0	1
149	167	180	179	166	0.3	0.3	0	1
150	166	179	176	163	0.3	0.3	0	1
151	163	176	175	162	0.3	0.3	0	1
152	162	175	174	161	0.3	0.3	0	1
153	161	174	173	160	0.3	0.3	0	1
154	160	173	172	159	0.3	0.3	0	1
155	159	172	171	158	0.3	0.3	0	1
156	158	171	177	164	0.3	0.3	0	1
157	178	191	196	183	0.3	0.3	0	1
158	183	196	195	182	0.3	0.3	0	1
159	182	195	194	181	0.3	0.3	0	1
160	181	194	193	180	0.3	0.3	0	1

In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat. Ind.
161	180	193	192	179	0.3	0.3	0	1
162	179	192	189	176	0.3	0.3	0	1
163	176	189	188	175	0.3	0.3	0	1
164	175	188	187	174	0.3	0.3	0	1
165	174	187	186	173	0.3	0.3	0	1
166	173	186	185	172	0.3	0.3	0	1
167	172	185	184	171	0.3	0.3	0	1
168	171	184	190	177	0.3	0.3	0	1
169	191	198	209	196	0.3	0.3	0	1
170	196	209	208	195	0.3	0.3	0	1
171	195	208	207	194	0.3	0.3	0	1
172	194	207	203	193	0.3	0.3	0	1
173	193	203	201	192	0.3	0.3	0	1
174	192	201	199	189	0.3	0.3	0	1
175	189	199	200	188	0.3	0.3	0	1
176	188	200	202	187	0.3	0.3	0	1
177	187	202	204	186	0.3	0.3	0	1
178	186	204	205	185	0.3	0.3	0	1
179	185	205	206	184	0.3	0.3	0	1
180	184	206	197	190	0.3	0.3	0	1
181	198	211	222	209	0.3	0.3	0	1
182	209	222	220	208	0.3	0.3	0	1
183	208	220	218	207	0.3	0.3	0	1
184	207	218	216	203	0.3	0.3	0	1
185	203	216	214	201	0.3	0.3	0	1
186	201	214	212	199	0.3	0.3	0	1
187	199	212	213	200	0.3	0.3	0	1
188	200	213	215	202	0.3	0.3	0	1
189	202	215	217	204	0.3	0.3	0	1
190	204	217	219	205	0.3	0.3	0	1
191	205	219	221	206	0.3	0.3	0	1
192	206	221	210	197	0.3	0.3	0	1
193	211	224	235	222	0.3	0.3	0	1
194	222	235	233	220	0.3	0.3	0	1
195	220	233	231	218	0.3	0.3	0	1
196	218	231	229	216	0.3	0.3	0	1
197	216	229	227	214	0.3	0.3	0	1
198	214	227	225	212	0.3	0.3	0	1
199	212	225	226	213	0.3	0.3	0	1
200	213	226	228	215	0.3	0.3	0	1
201	215	228	230	217	0.3	0.3	0	1
202	217	230	232	219	0.3	0.3	0	1
203	219	232	234	221	0.3	0.3	0	1
204	221	234	223	210	0.3	0.3	0	1
205	224	237	248	235	0.3	0.3	0	1
206	235	248	246	233	0.3	0.3	0	1
207	233	246	244	231	0.3	0.3	0	1
208	231	244	242	229	0.3	0.3	0	1
209	229	242	240	227	0.3	0.3	0	1
210	227	240	238	225	0.3	0.3	0	1
211	225	238	239	226	0.3	0.3	0	1
212	226	239	241	228	0.3	0.3	0	1
213	228	241	243	230	0.3	0.3	0	1
214	230	243	245	232	0.3	0.3	0	1
215	232	245	247	234	0.3	0.3	0	1
216	234	247	236	223	0.3	0.3	0	1
217	237	261	260	248	0.3	0.3	0	1
218	248	260	259	246	0.3	0.3	0	1
219	246	259	258	244	0.3	0.3	0	1
220	244	258	257	242	0.3	0.3	0	1
221	242	257	256	240	0.3	0.3	0	1
222	240	256	255	238	0.3	0.3	0	1
223	238	255	254	239	0.3	0.3	0	1
224	239	254	253	241	0.3	0.3	0	1
225	241	253	252	243	0.3	0.3	0	1
226	243	252	251	245	0.3	0.3	0	1
227	245	251	250	247	0.3	0.3	0	1
228	247	250	249	236	0.3	0.3	0	1

RISULTATI DI CALCOLO

1 Risultati numerici

1.1 Risposta modale

Modo: identificativo del modo di vibrare.

Periodo: periodo. [s]

Massa X: massa partecipante in direzione globale X. Il valore è adimensionale.

Massa Y: massa partecipante in direzione globale Y. Il valore è adimensionale.

Massa Z: massa partecipante in direzione globale Z. Il valore è adimensionale.

Massa rot. X: massa rotazionale partecipante attorno la direzione globale X. Il valore è adimensionale.

Massa rot. Y: massa rotazionale partecipante attorno la direzione globale Y. Il valore è adimensionale.

Massa rot. Z: massa rotazionale partecipante attorno la direzione globale Z. Il valore è adimensionale.

Massa sX: massa partecipante in direzione Sisma X. Il valore è adimensionale.

Massa sY: massa partecipante in direzione Sisma Y. Il valore è adimensionale.

Totale masse partecipanti:

Traslazione X: 0.999961

Traslazione Y: 0.999986

Traslazione Z: 0

Rotazione X: 0.994427

Rotazione Y: 1

Rotazione Z: 0.59788

Modo	Periodo	Massa X	Massa Y	Massa Z	Massa rot. X	Massa rot. Y	Massa rot. Z	Massa sX	Massa sY
1	0.357271448	0.000000084	0.755826721	0	0.994426228	0.00000013	0.125229654	0.000000084	0.755826721
2	0.286349735	0.327842832	0.000000195	0	0.000000256	0.508523352	0.141706126	0.327842832	0.000000195
3	0.190730765	0.428921515	0	0	0	0.491473479	0.185576749	0.428921515	0
4	0.006880784	0.052274652	0.191678286	0	0.000000458	0.000000615	0.000786619	0.052274652	0.191678286
5	0.006879616	0.190921869	0.0524812	0	0.000000125	0.0000002243	0.144581226	0.190921869	0.0524812

1.2 Spostamenti nodali SLU

Nodo: nodo interessato dallo spostamento.

Ind.: indice del nodo.

Cont.: condizione o combinazione di carico a cui si riferisce lo spostamento.

N.br.: nome breve della condizione o combinazione di carico.

Spostamento: spostamento traslazionale del nodo.

ux: componente X dello spostamento del nodo. [m]

uy: componente Y dello spostamento del nodo. [m]

uz: componente Z dello spostamento del nodo. [m]

Rotazione: spostamento rotazionale del nodo.

rx: componente X della rotazione del nodo. [deg]

ry: componente Y della rotazione del nodo. [deg]

rz: componente Z della rotazione del nodo. [deg]

Spostamenti nodali con componente Ux minima

Vengono mostrati i soli 20 nodi più sollecitati.

Nodo Ind.	Cont. N.br.	Spostamento			Rotazione		
		ux	uy	uz	rx	ry	rz
266	SLU 8	-0.0000263	0.0543603	-0.0006042	-0.7006	0.0016	-0.0001
267	SLU 4	-0.0000258	0.0543579	-0.0004662	-0.7006	-0.001	0.0001
259	SLU 8	-0.0000019	0.0001628	-0.0008784	-0.0192	0.0122	0.0002
4	SLU 4	-0.0000019	0.0001628	-0.0001212	-0.0161	0.0059	-0.0002
260	SLU 8	-0.0000017	0.0001639	-0.0009791	-0.0197	0.0094	0
3	SLU 4	-0.0000017	0.0001639	-0.0000746	-0.0164	0.0034	0
258	SLU 8	-0.0000014	0.0001616	-0.0007806	-0.0143	0.01	0.0001
5	SLU 4	-0.0000014	0.0001616	-0.0001664	-0.0116	0.0044	-0.0001
261	SLU 8	-0.0000014	0.0001645	-0.0010371	-0.0252	0.0054	0.0002
2	SLU 4	-0.0000013	0.0001645	-0.0000646	-0.0214	0.0001	-0.0002
237	SLU 8	-0.0000011	0.000164	-0.0008286	-0.0192	0.0052	-0.0002
26	SLU 4	-0.0000011	0.000164	-0.0002373	-0.0147	0.0004	0.0002
248	SLU 8	-0.000001	0.0001645	-0.0007941	-0.03	0.0063	0.0002
15	SLU 4	-0.000001	0.0001645	-0.0002326	-0.026	0.0009	-0.0002
257	SLU 8	-0.000001	0.0001611	-0.000707	-0.0115	0.0068	0
6	SLU 4	-0.0000009	0.0001611	-0.0001981	-0.0093	0.0029	0
246	SLU 8	-0.0000009	0.0001625	-0.0007213	-0.0157	0.0075	0.0001
264	SLU 12	-0.0000009	0.032585	-0.0008506	-0.5953	0.0036	-0.0001
17	SLU 4	-0.0000008	0.0001625	-0.0002506	-0.0122	0.0015	-0.0001
262	SLU 10	-0.0000008	-0.0000049	-0.0007097	-0.002	0.0029	0

Spostamenti nodali con componente Ux massima

Vengono mostrati i soli 20 nodi più sollecitati.

Nodo Ind.	Cont. N.br.	Spostamento			Rotazione		
		ux	uy	uz	rx	ry	rz
265	SLU 7	0.0149618	0.0325564	-0.0009102	-0.5944	0.2503	0.004
263	SLU 6	0.0149615	0.0000198	-0.0007692	-0.0028	0.251	-0.0039
264	SLU 2	0.0149613	0.0000218	-0.0003044	-0.0009	0.2535	0.0039
262	SLU 3	0.0149613	0.0325588	-0.0001635	-0.5965	0.2528	-0.004
267	SLU 6	0.0002403	-0.000001	-0.0006378	0	0	0
266	SLU 2	0.00024	0.0000011	-0.0004327	0	0.0025	0
249	SLU 7	0.0000934	0.0001021	-0.0005471	-0.0147	0.0123	-0.0003
14	SLU 3	0.0000933	0.0001021	-0.0005545	-0.0108	0.0176	0.0003
250	SLU 7	0.000093	0.000101	-0.0006359	-0.0112	0.0048	0.0001
13	SLU 3	0.000093	0.000101	-0.0004177	-0.0079	0.0108	-0.0001
251	SLU 7	0.0000929	0.0000996	-0.0006682	-0.0111	0.0008	-0.0003
12	SLU 3	0.0000929	0.0000996	-0.0003312	-0.008	0.0071	0.0003
247	SLU 7	0.0000927	0.0001013	-0.0005258	-0.0169	0.0154	-0.0003
16	SLU 3	0.0000927	0.0001013	-0.0005007	-0.0129	0.0208	0.0003
2	SLU 6	0.0000926	-0.0000033	-0.0002928	0.0011	0.0133	0.0002
261	SLU 2	0.0000925	-0.0000033	-0.000809	-0.0027	0.0185	-0.0002
236	SLU 7	0.0000922	0.0001021	-0.0004337	-0.0083	0.0084	0
15	SLU 6	0.0000921	-0.0000026	-0.0003857	0.0006	0.0169	0.0002
27	SLU 3	0.0000921	0.0001021	-0.0006321	-0.0038	0.0132	0
248	SLU 2	0.0000921	-0.0000027	-0.0006441	-0.0035	0.0223	-0.0002

Spostamenti nodali con componente Uy minima

Vengono mostrati i soli 20 nodi più sollecitati.

Nodo Ind.	Cont. N.br.	Spostamento			Rotazione		
		ux	uy	uz	rx	ry	rz
265	SLU 2	0.0149616	-0.0000259	-0.0006541	0.0022	0.252	0.0039
262	SLU 6	0.0149608	-0.0000236	-0.0004197	0.0001	0.2546	-0.0039
263	SLU 10	0.0000004	-0.0000067	-0.0007096	-0.002	-0.0029	0
39	SLU 6	0.0000901	-0.0000038	-0.0003158	-0.0035	0.009	0.0002
224	SLU 2	0.00009	-0.0000038	-0.0007092	-0.0082	0.0137	-0.0002
26	SLU 6	0.0000915	-0.0000037	-0.0002897	-0.0014	0.0095	0.0001
237	SLU 2	0.0000915	-0.0000037	-0.0007763	-0.0058	0.0143	-0.0001
52	SLU 6	0.0000885	-0.0000034	-0.0003446	-0.0031	0.0053	0.0001
211	SLU 2	0.0000885	-0.0000034	-0.000642	-0.0069	0.0096	-0.0001
261	SLU 2	0.0000925	-0.0000033	-0.000809	-0.0027	0.0185	-0.0002
2	SLU 6	0.0000926	-0.0000033	-0.0002928	0.0011	0.0133	0.0002
65	SLU 6	0.0000875	-0.0000029	-0.0003716	-0.0031	0.0032	0.0001
198	SLU 2	0.0000875	-0.0000029	-0.000588	-0.0053	0.0071	-0.0001
260	SLU 6	0.000092	-0.0000027	-0.0007623	-0.0039	0.0163	0.0001
3	SLU 2	0.000092	-0.0000027	-0.0002915	-0.0005	0.0104	-0.0001
248	SLU 6	0.0000921	-0.0000027	-0.0007353	-0.005	0.0245	-0.0002
15	SLU 2	0.0000921	-0.0000026	-0.0002913	-0.0009	0.0191	0.0002
235	SLU 6	0.0000898	-0.0000025	-0.0006678	-0.0059	0.0131	-0.0002
28	SLU 2	0.0000898	-0.0000025	-0.0003065	-0.0015	0.008	0.0002
72	SLU 6	0.0000867	-0.0000025	-0.0003995	-0.0033	0.0016	0.0001

Spostamenti nodali con componente Uy massima

Vengono mostrati i soli 20 nodi più sollecitati.

Nodo Ind.	Cont. N.br.	Spostamento			Rotazione		
		ux	uy	uz	rx	ry	rz
266	SLU 4	-0.000026	0.0543604	-0.0004657	-0.7006	0.0004	-0.0001
267	SLU 9	0.0001184	0.0543581	-0.0006247	-0.7006	-0.001	0.0001
264	SLU 9	0.008976	0.0543136	-0.0007245	-0.9951	0.1546	0.0022
263	SLU 5	0.0089767	0.0543115	-0.0003492	-0.997	0.1521	-0.0022
262	SLU 4	0.0000001	0.0543005	-0.0002444	-0.9962	-0.0004	-0.0002
265	SLU 8	0.0000005	0.0542979	-0.0008294	-0.9941	-0.003	0.0002
249	SLU 9	0.0000569	0.0001666	-0.000845	-0.0243	0.0048	-0.0003
14	SLU 5	0.0000569	0.0001666	-0.0002568	-0.0204	0.0101	0.0003
236	SLU 9	0.000056	0.0001662	-0.0006493	-0.0165	0.0025	0.0001
27	SLU 5	0.000056	0.0001662	-0.0004166	-0.0121	0.0073	-0.0001
223	SLU 9	0.0000547	0.0001661	-0.0005106	-0.0121	0.0025	-0.0003
40	SLU 5	0.0000547	0.0001661	-0.0005143	-0.0074	0.0071	0.0003
16	SLU 9	0.0000562	0.0001661	-0.0004318	-0.0232	0.0137	0.0003
247	SLU 5	0.0000563	0.0001661	-0.0005948	-0.0272	0.0083	-0.0003
13	SLU 9	0.0000569	0.0001655	-0.000289	-0.0142	0.0063	0
250	SLU 5	0.0000569	0.0001655	-0.0007647	-0.0175	0.0003	0
210	SLU 9	0.0000532	0.0001651	-0.0004424	-0.0043	0.0019	-0.0001
53	SLU 5	0.0000532	0.0001651	-0.0005442	-0.0005	0.0061	0.0001
29	SLU 9	0.0000543	0.0001646	-0.0005333	-0.005	0.0085	0.0001
234	SLU 5	0.0000544	0.0001646	-0.0004512	-0.0094	0.0035	-0.0001

Spostamenti nodali con componente Uz minima

Vengono mostrati i soli 20 nodi più sollecitati.

Nodo Ind.	Cont. N.br.	Spostamento			Rotazione		
		ux	uy	uz	rx	ry	rz
261	SLU 9	0.0000542	0.0001625	-0.0012294	-0.0261	0.0156	0.0001
260	SLU 9	0.0000535	0.0001622	-0.001089	-0.0207	0.0167	0.0001
249	SLU 8	0.0000014	0.0001645	-0.0010373	-0.0252	-0.0054	-0.0001
237	SLU 7	0.0000908	0.0000947	-0.0010314	-0.0171	0.0174	-0.0002
250	SLU 8	0.0000017	0.0001639	-0.0009791	-0.0197	-0.0094	0
265	SLU 13	0.0089775	0.0325696	-0.0009555	-0.5944	0.1481	0.0024
14	SLU 6	0.0000925	0.0000333	-0.0009334	0.0042	0.0208	0.0002
259	SLU 9	0.0000532	0.0001616	-0.0009236	-0.02	0.0181	0
248	SLU 13	0.0000546	0.0000971	-0.0008999	-0.0219	0.02	0
27	SLU 6	0.0000915	0.0000337	-0.0008873	0.0075	0.0164	0.0001
251	SLU 8	0.0000019	0.0001628	-0.0008784	-0.0192	-0.0122	-0.0001
224	SLU 7	0.0000896	0.0000945	-0.0008637	-0.0176	0.0166	-0.0001
264	SLU 12	-0.0000009	0.032585	-0.0008506	-0.5953	0.0036	-0.0001
236	SLU 12	0.0000007	0.0000984	-0.0008438	-0.0143	-0.0066	0.0001
263	SLU 11	0.0089772	0.0000007	-0.0008144	-0.0029	0.1488	-0.0023
40	SLU 6	0.00009	0.0000038	-0.0008055	0.0098	0.0157	0.0002
247	SLU 12	0.0000006	0.0000987	-0.0007951	-0.0206	-0.0075	-0.0001
13	SLU 11	0.0000552	0.0000016	-0.0007934	0.0045	0.0139	-0.0001
258	SLU 9	0.0000532	0.000161	-0.000791	-0.0143	0.0124	0.0001
252	SLU 8	0.0000014	0.0001616	-0.0007805	-0.0143	-0.01	-0.0001

Spostamenti nodali con componente Uz massima

Vengono mostrati i soli 20 nodi più sollecitati.

Nodo Ind.	Cont. N.br.	Spostamento			Rotazione		
		ux	uy	uz	rx	ry	rz
2	SLU 5	0.0000542	0.0001625	0.0001277	-0.0223	0.0103	-0.0001
3	SLU 5	0.0000535	0.0001622	0.0000353	-0.0173	0.0107	-0.0001
276	SLU 1	0	0	0	0	0	0
269	SLU 1	0	0	0	0	0	0
275	SLU 1	0	0	0	0	0	0
268	SLU 1	0	0	0	0	0	0
1	SLU 1	0	0	0	0	0	0
270	SLU 1	0	0	0	0	0	0
274	SLU 1	0	0	0	0	0	0
273	SLU 1	0	0	0	0	0	0
271	SLU 1	0	0	0	0	0	0
272	SLU 1	0	0	0	0	0	0
26	SLU 3	0.0000909	0.0000947	-0.0000345	-0.0127	0.0126	0.0002
14	SLU 4	0.0000013	0.0001645	-0.0000646	-0.0213	-0.0001	0.0001
13	SLU 4	0.0000017	0.0001639	-0.0000746	-0.0164	-0.0034	0.0001
4	SLU 5	0.0000532	0.0001616	-0.0000076	-0.0169	0.0118	0
12	SLU 4	0.0000018	0.0001628	-0.0001212	-0.0161	-0.0059	0.0001
15	SLU 5	0.0000543	0.0001629	-0.0001277	-0.0273	0.0134	-0.0001
262	SLU 5	0.0089769	0.0542868	-0.0001395	-0.9953	0.1512	-0.0025
5	SLU 5	0.0000532	0.000161	-0.0001559	-0.0116	0.0069	-0.0001

1.3 Spostamenti nodali SLV

Nodo: nodo interessato dallo spostamento.

Ind.: indice del nodo.

Cont.: condizione o combinazione di carico a cui si riferisce lo spostamento.

N.br.: nome breve della condizione o combinazione di carico.

Spostamento: spostamento traslazionale del nodo.

ux: componente X dello spostamento del nodo. [m]

uy: componente Y dello spostamento del nodo. [m]

uz: componente Z dello spostamento del nodo. [m]

Rotazione: spostamento rotazionale del nodo.

rx: componente X della rotazione del nodo. [deg]

ry: componente Y della rotazione del nodo. [deg]

rz: componente Z della rotazione del nodo. [deg]

Spostamenti nodali con componente Ux minima

Vengono mostrati i soli 20 nodi più sollecitati.

Nodo Ind.	Cont. N.br.	Spostamento			Rotazione		
		ux	uy	uz	rx	ry	rz
266	SLV 3	-0.0130612	0.0060582	-0.0004056	-0.1032	-0.2176	0
267	SLV 3	-0.0130611	0.0060564	-0.0003054	-0.1032	-0.2186	0
262	SLV 1	-0.0057194	-0.0060289	-0.0004404	0.1181	-0.1088	-0.0038
264	SLV 3	-0.0057193	0.006054	-0.0004404	-0.1182	-0.1088	0.0038
263	SLV 3	-0.0057191	0.0060554	-0.000292	-0.1192	-0.1099	-0.0038
265	SLV 1	-0.005719	-0.006034	-0.000292	0.1191	-0.1099	0.0038
261	SLV 3	-0.0000179	0.0000077	-0.0003163	-0.0025	-0.0039	0
14	SLV 1	-0.0000179	-0.0000077	-0.0003163	0.0025	-0.0039	0
2	SLV 3	-0.0000178	0.0000077	-0.0004301	-0.0007	-0.0061	0
249	SLV 1	-0.0000178	-0.0000077	-0.00043	0.0007	-0.0061	0
248	SLV 3	-0.0000178	0.0000076	-0.0003249	-0.0028	-0.0048	0
16	SLV 1	-0.0000178	-0.0000076	-0.0003249	0.0028	-0.0048	0
260	SLV 3	-0.0000178	0.0000075	-0.0003451	-0.0019	-0.0019	0
13	SLV 1	-0.0000178	-0.0000075	-0.000345	0.0019	-0.0019	0
15	SLV 3	-0.0000178	0.0000076	-0.0003882	-0.001	-0.0071	0
259	SLV 3	-0.0000178	0.0000074	-0.0003598	-0.0019	-0.0009	0
3	SLV 3	-0.0000178	0.0000075	-0.0003807	-0.0004	-0.0045	0
247	SLV 1	-0.0000178	-0.0000076	-0.0003881	0.001	-0.0071	0
250	SLV 1	-0.0000178	-0.0000075	-0.0003806	0.0004	-0.0045	0
12	SLV 1	-0.0000178	-0.0000074	-0.0003597	0.0019	-0.0009	0

Spostamenti nodali con componente Ux massima

Vengono mostrati i soli 20 nodi più sollecitati.

Nodo Ind.	Cont. N.br.	Spostamento			Rotazione		
		ux	uy	uz	rx	ry	rz
267	SLV 13	0.013061	-0.0060582	-0.0004055	0.1032	0.2176	0
266	SLV 13	0.0130609	-0.0060564	-0.0003054	0.1032	0.2186	0
265	SLV 15	0.0057193	0.0060288	-0.0004404	-0.1181	0.1088	-0.0038
263	SLV 13	0.0057192	-0.006054	-0.0004403	0.1182	0.1088	0.0038
264	SLV 13	0.0057191	-0.0060555	-0.000292	0.1192	0.1099	-0.0038
262	SLV 15	0.0057189	0.0060341	-0.0002921	-0.1191	0.1099	0.0038
2	SLV 13	0.0000179	-0.0000077	-0.0003164	0.0025	-0.0038	0
249	SLV 15	0.0000179	0.0000077	-0.0003163	-0.0025	-0.0038	0
261	SLV 13	0.0000178	-0.0000077	-0.00043	0.0007	0.0061	0
14	SLV 15	0.0000178	0.0000077	-0.0004299	-0.0007	0.0061	0
15	SLV 13	0.0000178	-0.0000076	-0.000325	0.0028	0.0048	0
247	SLV 15	0.0000178	0.0000076	-0.0003249	-0.0028	0.0048	0
3	SLV 13	0.0000178	-0.0000075	-0.0003451	0.0019	0.0019	0
250	SLV 15	0.0000178	0.0000075	-0.000345	-0.0019	0.0019	0
248	SLV 13	0.0000178	-0.0000076	-0.0003881	0.001	0.0071	0
260	SLV 13	0.0000178	-0.0000075	-0.0003806	0.0004	0.0045	0
4	SLV 13	0.0000178	-0.0000074	-0.0003598	0.0019	0.0009	0
16	SLV 15	0.0000178	0.0000076	-0.0003881	-0.001	0.0071	0
251	SLV 15	0.0000178	0.0000074	-0.0003597	-0.0019	0.0009	0
13	SLV 15	0.0000178	0.0000075	-0.0003805	-0.0004	0.0045	0

Spostamenti nodali con componente Uy minima

Vengono mostrati i soli 20 nodi più sollecitati.

Nodo Ind.	Cont. N.br.	Spostamento			Rotazione		
		ux	uy	uz	rx	ry	rz
267	SLV 9	0.0039339	-0.0201696	-0.0003704	0.3444	0.0652	0
266	SLV 9	0.0039337	-0.0201678	-0.0003405	0.3444	0.0662	0
265	SLV 9	0.0017158	-0.020156	-0.0003109	0.398	0.0326	-0.0012
264	SLV 9	0.0017159	-0.0201532	-0.0002792	0.3976	0.0331	-0.0011
263	SLV 9	0.0017158	-0.0201516	-0.0004531	0.3967	0.0319	0.0011
262	SLV 9	0.0017154	-0.0201509	-0.0004215	0.3969	0.0337	0.0012
261	SLV 9	0.0000056	-0.0000239	-0.0002715	0.0061	0.0022	0
249	SLV 5	-0.0000056	-0.0000239	-0.0002715	0.0061	-0.0022	0
2	SLV 9	0.0000056	-0.0000239	-0.0004749	0.0079	0	0
14	SLV 5	-0.0000056	-0.0000239	-0.0004747	0.0079	0	0
248	SLV 9	0.0000055	-0.0000239	-0.0003016	0.0075	0.0023	0
247	SLV 5	-0.0000055	-0.0000239	-0.0003015	0.0075	-0.0023	0
15	SLV 9	0.0000055	-0.0000239	-0.0004115	0.0093	0	0
16	SLV 5	-0.0000055	-0.0000239	-0.0004115	0.0093	0	0
26	SLV 9	0.0000055	-0.0000238	-0.0004099	0.0058	-0.0003	0
27	SLV 5	-0.0000055	-0.0000238	-0.0004098	0.0058	0.0003	0
237	SLV 9	0.0000055	-0.0000238	-0.0003198	0.0037	0.0017	0
236	SLV 5	-0.0000055	-0.0000238	-0.0003197	0.0037	-0.0017	0
39	SLV 9	0.0000054	-0.0000238	-0.0003588	0.0047	-0.0002	0
40	SLV 5	-0.0000054	-0.0000238	-0.0003588	0.0047	0.0002	0

Spostamenti nodali con componente Uy massima

Vengono mostrati i soli 20 nodi più sollecitati.

Nodo Ind.	Cont. N.br.	Spostamento			Rotazione		
		ux	uy	uz	rx	ry	rz
266	SLV 7	-0.0039341	0.0201697	-0.0003705	-0.3444	-0.0652	0
267	SLV 7	-0.0039339	0.0201678	-0.0003405	-0.3444	-0.0662	0
262	SLV 7	-0.0017159	0.0201561	-0.000311	-0.398	-0.0326	-0.0012
263	SLV 7	-0.0017158	0.0201531	-0.0002792	-0.3976	-0.0331	-0.0011
264	SLV 7	-0.001716	0.0201517	-0.0004532	-0.3967	-0.032	0.0011
265	SLV 7	-0.0017155	0.0201509	-0.0004215	-0.3969	-0.0337	0.0012
2	SLV 7	-0.0000056	0.0000239	-0.0002716	-0.0061	-0.0022	0
261	SLV 7	-0.0000056	0.0000239	-0.0004748	-0.0079	0	0
14	SLV 11	0.0000056	0.0000239	-0.0002714	-0.0061	0.0022	0
249	SLV 11	0.0000056	0.0000239	-0.0004749	-0.0079	0	0
15	SLV 7	-0.0000055	0.0000239	-0.0003016	-0.0075	-0.0023	0
16	SLV 11	0.0000055	0.0000239	-0.0003015	-0.0075	0.0023	0
248	SLV 7	-0.0000055	0.0000239	-0.0004115	-0.0093	0	0
247	SLV 11	0.0000055	0.0000239	-0.0004115	-0.0093	0	0
237	SLV 7	-0.0000055	0.0000238	-0.0004099	-0.0058	0.0003	0
236	SLV 11	0.0000055	0.0000238	-0.0004099	-0.0058	-0.0003	0
26	SLV 7	-0.0000055	0.0000238	-0.0003198	-0.0037	-0.0017	0
27	SLV 11	0.0000055	0.0000238	-0.0003198	-0.0037	0.0017	0
224	SLV 7	-0.0000054	0.0000238	-0.0003588	-0.0047	0.0002	0
223	SLV 11	0.0000054	0.0000238	-0.0003588	-0.0047	-0.0002	0

Spostamenti nodali con componente Uz minima

Vengono mostrati i soli 20 nodi più sollecitati.

Nodo Ind.	Cont. N.br.	Spostamento			Rotazione		
		ux	uy	uz	rx	ry	rz
2	SLV 5	-0.0000051	-0.0000236	-0.0005325	0.0082	-0.0031	0
249	SLV 7	-0.0000051	0.0000236	-0.0005325	-0.0082	-0.0031	0
261	SLV 11	0.0000051	0.0000236	-0.0005324	-0.0082	0.0031	0
14	SLV 9	0.0000051	-0.0000236	-0.0005323	0.0082	0.0031	0
3	SLV 5	-0.000005	-0.0000235	-0.000503	0.0065	-0.0039	0
250	SLV 7	-0.000005	0.0000235	-0.000503	-0.0065	-0.0039	0
260	SLV 11	0.000005	0.0000235	-0.000503	-0.0065	0.0039	0
13	SLV 9	0.000005	-0.0000235	-0.0005029	0.0065	0.0039	0
26	SLV 1	-0.0000176	-0.0000065	-0.0004766	0.0039	-0.005	0
237	SLV 15	0.0000176	0.0000065	-0.0004765	-0.0039	0.005	0
236	SLV 3	-0.0000176	0.0000065	-0.0004765	-0.0039	-0.005	0
27	SLV 13	0.0000176	-0.0000065	-0.0004764	0.0039	0.005	0
4	SLV 5	-0.000005	-0.0000233	-0.0004626	0.0063	-0.0046	0
259	SLV 11	0.000005	0.0000233	-0.0004625	-0.0063	0.0046	0
251	SLV 7	-0.000005	0.0000233	-0.0004625	-0.0063	-0.0046	0
12	SLV 9	0.000005	-0.0000233	-0.0004625	0.0063	0.0046	0
262	SLV 5	-0.001716	-0.0201429	-0.0004532	0.3966	-0.032	-0.0011
264	SLV 7	-0.001716	0.0201517	-0.0004532	-0.3967	-0.032	0.0011
265	SLV 11	0.001716	0.0201428	-0.0004532	-0.3966	0.0319	-0.0011
263	SLV 9	0.0017158	-0.0201516	-0.0004531	0.3967	0.0319	0.0011

Spostamenti nodali con componente Uz massima

Vengono mostrati i soli 20 nodi più sollecitati.

Nodo Ind.	Cont. N.br.	Spostamento			Rotazione		
		ux	uy	uz	rx	ry	rz
276	SLV 1	0	0	0	0	0	0
270	SLV 1	0	0	0	0	0	0
275	SLV 1	0	0	0	0	0	0
268	SLV 1	0	0	0	0	0	0
269	SLV 1	0	0	0	0	0	0
1	SLV 1	0	0	0	0	0	0
271	SLV 1	0	0	0	0	0	0
274	SLV 1	0	0	0	0	0	0
273	SLV 1	0	0	0	0	0	0
272	SLV 1	0	0	0	0	0	0
249	SLV 9	0.0000051	-0.0000236	-0.0002139	0.0064	0.0008	0
14	SLV 7	-0.0000051	0.0000236	-0.0002139	-0.0064	-0.0008	0
261	SLV 5	-0.0000051	-0.0000236	-0.0002139	0.0064	-0.0008	0
2	SLV 11	0.0000051	0.0000236	-0.000214	-0.0064	0.0008	0
250	SLV 9	0.000005	-0.0000235	-0.0002226	0.0049	0.0013	0
13	SLV 7	-0.000005	0.0000235	-0.0002226	-0.0049	-0.0013	0
260	SLV 5	-0.000005	-0.0000235	-0.0002227	0.0049	-0.0013	0
3	SLV 11	0.000005	0.0000235	-0.0002227	-0.0049	0.0013	0
251	SLV 9	0.000005	-0.0000234	-0.0002392	0.0048	0.0018	0
12	SLV 7	-0.000005	0.0000234	-0.0002392	-0.0048	-0.0018	0

1.4 Spostamenti nodali SLD

Nodo: nodo interessato dallo spostamento.

Ind.: indice del nodo.

Cont.: condizione o combinazione di carico a cui si riferisce lo spostamento.

N.br.: nome breve della condizione o combinazione di carico.

Spostamento: spostamento traslazionale del nodo.

ux: componente X dello spostamento del nodo. [m]

uy: componente Y dello spostamento del nodo. [m]

uz: componente Z dello spostamento del nodo. [m]

Rotazione: spostamento rotazionale del nodo.

rx: componente X della rotazione del nodo. [deg]

ry: componente Y della rotazione del nodo. [deg]

rz: componente Z della rotazione del nodo. [deg]

Spostamenti nodali con componente Ux minima

Vengono mostrati i soli 20 nodi più sollecitati.

Nodo Ind.	Cont. N.br.	Spostamento			Rotazione		
		ux	uy	uz	rx	ry	rz
266	SLD 3	-0.0056879	0.0026387	-0.0003773	-0.0449	-0.0945	0
267	SLD 3	-0.0056878	0.0026369	-0.0003336	-0.0449	-0.0955	0
262	SLD 1	-0.0024907	-0.002624	-0.0003986	0.0511	-0.0471	-0.0017
264	SLD 3	-0.0024907	0.0026359	-0.0003985	-0.0512	-0.0471	0.0017
263	SLD 3	-0.0024905	0.0026374	-0.0003339	-0.0522	-0.0482	-0.0017
265	SLD 1	-0.0024904	-0.0026291	-0.0003339	0.0522	-0.0482	0.0017
261	SLD 3	-0.0000078	0.0000033	-0.0003484	-0.0016	-0.001	0
14	SLD 1	-0.0000078	-0.0000033	-0.0003483	0.0016	-0.001	0
2	SLD 3	-0.0000078	0.0000033	-0.000398	0.0002	-0.0033	0
249	SLD 1	-0.0000078	-0.0000033	-0.0003979	-0.0002	-0.0033	0
248	SLD 3	-0.0000078	0.0000033	-0.0003428	-0.0018	-0.0014	0
16	SLD 1	-0.0000078	-0.0000033	-0.0003427	0.0018	-0.0014	0
260	SLD 3	-0.0000078	0.0000033	-0.0003551	-0.0013	-0.0001	0
13	SLD 1	-0.0000078	-0.0000033	-0.000355	0.0013	-0.0001	0
259	SLD 3	-0.0000078	0.0000032	-0.0003547	-0.0012	0.0004	0
12	SLD 1	-0.0000078	-0.0000032	-0.0003547	0.0012	0.0004	0
3	SLD 3	-0.0000078	0.0000033	-0.0003706	0.0003	-0.0027	0
15	SLD 3	-0.0000078	0.0000033	-0.0003703	0.0001	-0.0038	0
250	SLD 1	-0.0000078	-0.0000033	-0.0003706	-0.0003	-0.0027	0
247	SLD 1	-0.0000078	-0.0000033	-0.0003703	-0.0001	-0.0038	0

Spostamenti nodali con componente Ux massima

Vengono mostrati i soli 20 nodi più sollecitati.

Nodo Ind.	Cont. N.br.	Spostamento			Rotazione		
		ux	uy	uz	rx	ry	rz
267	SLD 13	0.0056877	-0.0026387	-0.0003773	0.0449	0.0945	0
266	SLD 13	0.0056876	-0.0026369	-0.0003337	0.0449	0.0955	0
265	SLD 15	0.0024907	0.0026239	-0.0003985	-0.0511	0.0471	-0.0017
263	SLD 13	0.0024905	-0.0026359	-0.0003985	0.0512	0.0471	0.0017
264	SLD 13	0.0024905	-0.0026374	-0.0003339	0.0522	0.0482	-0.0017
262	SLD 15	0.0024903	0.0026291	-0.0003339	-0.0522	0.0482	0.0017
2	SLD 13	0.0000078	-0.0000033	-0.0003485	0.0016	0.001	0
249	SLD 15	0.0000078	0.0000033	-0.0003484	-0.0016	0.001	0
261	SLD 13	0.0000078	-0.0000033	-0.0003979	-0.0002	0.0033	0
14	SLD 15	0.0000078	0.0000033	-0.0003978	0.0002	0.0033	0
15	SLD 13	0.0000078	-0.0000033	-0.0003428	0.0018	0.0014	0
247	SLD 15	0.0000078	0.0000033	-0.0003428	-0.0018	0.0014	0
3	SLD 13	0.0000078	-0.0000033	-0.0003551	0.0013	0.0001	0
250	SLD 15	0.0000078	0.0000033	-0.0003551	-0.0013	0.0001	0
4	SLD 13	0.0000078	-0.0000032	-0.0003548	0.0012	-0.0004	0
251	SLD 15	0.0000078	0.0000032	-0.0003547	-0.0012	-0.0004	0
260	SLD 13	0.0000078	-0.0000033	-0.0003706	-0.0003	0.0027	0
248	SLD 13	0.0000078	-0.0000033	-0.0003703	-0.0001	0.0038	0
13	SLD 15	0.0000078	0.0000033	-0.0003705	0.0003	0.0027	0
16	SLD 15	0.0000078	0.0000033	-0.0003703	0.0001	0.0038	0

Spostamenti nodali con componente Uy minima

Vengono mostrati i soli 20 nodi più sollecitati.

Nodo Ind.	Cont. N.br.	Spostamento			Rotazione		
		ux	uy	uz	rx	ry	rz
267	SLD 9	0.0017131	-0.0087838	-0.000362	0.15	0.0281	0
266	SLD 9	0.0017129	-0.008782	-0.0003489	0.15	0.0291	0
265	SLD 9	0.0007473	-0.0087789	-0.0003421	0.1736	0.0139	-0.0005
264	SLD 9	0.0007472	-0.0087766	-0.0003283	0.1734	0.0147	-0.0005
263	SLD 9	0.0007472	-0.0087751	-0.000404	0.1725	0.0136	0.0005
262	SLD 9	0.0007469	-0.0087737	-0.0003903	0.1726	0.015	0.0005
261	SLD 9	0.0000024	-0.0000104	-0.0003289	0.0022	0.0016	0
249	SLD 5	-0.0000024	-0.0000104	-0.0003289	0.0022	-0.0016	0
2	SLD 9	0.0000024	-0.0000104	-0.0004175	0.0039	-0.0006	0
14	SLD 5	-0.0000024	-0.0000104	-0.0004174	0.0039	0.0006	0
248	SLD 9	0.0000024	-0.0000104	-0.0003326	0.0027	0.0017	0
247	SLD 5	-0.0000024	-0.0000104	-0.0003326	0.0027	-0.0017	0
15	SLD 9	0.0000024	-0.0000104	-0.0003805	0.0046	-0.0007	0
16	SLD 5	-0.0000024	-0.0000104	-0.0003804	0.0046	0.0007	0
26	SLD 9	0.0000024	-0.0000104	-0.0003845	0.0031	-0.0007	0
27	SLD 5	-0.0000024	-0.0000104	-0.0003844	0.0031	0.0007	0
237	SLD 9	0.0000024	-0.0000104	-0.0003452	0.001	0.0013	0
236	SLD 5	-0.0000024	-0.0000104	-0.0003452	0.001	-0.0013	0
39	SLD 9	0.0000024	-0.0000104	-0.0003567	0.0027	-0.0007	0
40	SLD 5	-0.0000023	-0.0000104	-0.0003567	0.0027	0.0006	0

Spostamenti nodali con componente Uy massima

Vengono mostrati i soli 20 nodi più sollecitati.

Nodo Ind.	Cont. N.br.	Spostamento			Rotazione		
		ux	uy	uz	rx	ry	rz
266	SLD 7	-0.0017133	0.0087839	-0.0003262	-0.15	-0.0281	0
267	SLD 7	-0.0017131	0.008782	-0.0003489	-0.15	-0.0291	0
262	SLD 7	-0.0007473	0.0087789	-0.0003422	-0.1736	-0.0139	-0.0005
263	SLD 7	-0.0007472	0.0087765	-0.0003283	-0.1734	-0.0147	-0.0005
264	SLD 7	-0.0007473	0.0087751	-0.0004041	-0.1725	-0.0136	0.0005
265	SLD 7	-0.000747	0.0087737	-0.0003903	-0.1726	-0.015	0.0005
2	SLD 7	-0.0000024	0.0000104	-0.0003289	-0.0022	-0.0016	0
14	SLD 11	0.0000024	0.0000104	-0.0003288	-0.0022	0.0016	0
261	SLD 7	-0.0000024	0.0000104	-0.0004174	-0.0039	0.0006	0
249	SLD 11	0.0000024	0.0000104	-0.0004175	-0.0039	-0.0006	0
15	SLD 7	-0.0000024	0.0000104	-0.0003326	-0.0027	-0.0017	0
16	SLD 11	0.0000024	0.0000104	-0.0003326	-0.0027	0.0017	0
248	SLD 7	-0.0000024	0.0000104	-0.0003805	-0.0046	0.0007	0
247	SLD 11	0.0000024	0.0000104	-0.0003805	-0.0046	-0.0007	0
237	SLD 7	-0.0000024	0.0000104	-0.0003844	-0.0031	0.0007	0
236	SLD 11	0.0000024	0.0000104	-0.0003844	-0.0031	-0.0007	0
26	SLD 7	-0.0000024	0.0000104	-0.0003453	-0.001	-0.0013	0
27	SLD 11	0.0000024	0.0000104	-0.0003452	-0.001	0.0013	0
224	SLD 7	-0.0000024	0.0000104	-0.0003567	-0.0027	0.0006	0
223	SLD 11	0.0000023	0.0000104	-0.0003567	-0.0027	-0.0006	0

Spostamenti nodali con componente Uz minima

Vengono mostrati i soli 20 nodi più sollecitati.

Nodo Ind.	Cont. N.br.	Spostamento			Rotazione		
		ux	uy	uz	rx	ry	rz
2	SLD 5	-0.0000022	-0.0000103	-0.0004426	0.0041	-0.002	0
249	SLD 7	-0.0000022	0.0000103	-0.0004425	-0.0041	-0.002	0
261	SLD 11	0.0000022	0.0000103	-0.0004425	-0.0041	0.002	0
14	SLD 9	0.0000022	-0.0000103	-0.0004424	0.0041	0.002	0
3	SLD 5	-0.0000022	-0.0000103	-0.0004239	0.0032	-0.0024	0
260	SLD 11	0.0000022	0.0000103	-0.0004239	-0.0032	0.0024	0
250	SLD 7	-0.0000022	0.0000103	-0.0004239	-0.0032	-0.0024	0
13	SLD 9	0.0000022	-0.0000103	-0.0004238	0.0032	0.0024	0
26	SLD 1	-0.0000077	-0.0000028	-0.0004135	0.0023	-0.0028	0
237	SLD 15	0.0000077	0.0000028	-0.0004135	-0.0023	0.0028	0
236	SLD 3	-0.0000077	0.0000028	-0.0004134	-0.0023	-0.0028	0
27	SLD 13	0.0000077	-0.0000028	-0.0004134	0.0023	0.0028	0
262	SLD 5	-0.0007474	-0.0087702	-0.0004041	0.1724	-0.0136	-0.0005
265	SLD 11	0.0007473	0.0087702	-0.0004041	-0.1724	0.0136	-0.0005
264	SLD 7	-0.0007473	0.0087751	-0.0004041	-0.1725	-0.0136	0.0005
263	SLD 9	0.0007472	-0.0087751	-0.0004040	0.1725	0.0136	0.0005
4	SLD 5	-0.0000022	-0.0000102	-0.0003995	0.0031	-0.0028	0
259	SLD 11	0.0000022	0.0000102	-0.0003995	-0.0031	0.0028	0
251	SLD 7	-0.0000022	0.0000102	-0.0003995	-0.0031	-0.0028	0
12	SLD 9	0.0000022	-0.0000102	-0.0003994	0.0031	0.0028	0

Spostamenti nodali con componente Uz massima

Vengono mostrati i soli 20 nodi più sollecitati.

Nodo Ind.	Cont. N.br.	Spostamento			Rotazione		
		ux	uy	uz	rx	ry	rz
276	SLD 1	0	0	0	0	0	0
270	SLD 1	0	0	0	0	0	0
275	SLD 1	0	0	0	0	0	0
268	SLD 1	0	0	0	0	0	0
269	SLD 1	0	0	0	0	0	0
1	SLD 1	0	0	0	0	0	0
271	SLD 1	0	0	0	0	0	0
273	SLD 1	0	0	0	0	0	0
274	SLD 1	0	0	0	0	0	0
272	SLD 1	0	0	0	0	0	0
8	SLD 7	-0.0000023	0.0000101	-0.0002945	-0.0008	0	0
255	SLD 9	0.0000023	-0.0000101	-0.0002945	0.0008	0	0
9	SLD 11	0.0000023	0.0000101	-0.0002951	-0.0008	0.0002	0
7	SLD 7	-0.0000023	0.0000101	-0.0002951	-0.0008	-0.0002	0
254	SLD 5	-0.0000023	-0.0000101	-0.0002951	0.0008	-0.0002	0
256	SLD 9	0.0000023	-0.0000101	-0.0002951	0.0008	0.0002	0
10	SLD 11	0.0000024	0.0000101	-0.0002976	-0.0009	0.0004	0
253	SLD 5	-0.0000024	-0.0000101	-0.0002977	0.0009	-0.0004	0
6	SLD 7	-0.0000024	0.0000101	-0.0002977	-0.0009	-0.0004	0
257	SLD 9	0.0000024	-0.0000101	-0.0002977	0.0009	0.0004	0

1.5 Sollecitazioni estreme platea

Shell: elemento guscio a cui si riferiscono le sollecitazioni.

Ind: indice del guscio.

Cont.: contesto a cui si riferiscono le sollecitazioni.

N.br.: nome breve della condizione o combinazione di carico.

Nodo: nodo su cui si basa il guscio a cui si riferisce la sollecitazione.

Ind: indice del nodo.

Sollecitazione: valori della sollecitazione.

Mxx: componente Mxx della sollecitazione del guscio nel nodo indicato. [kN*m/m]

Mxy: componente Mxy della sollecitazione del guscio nel nodo indicato. [kN*m/m]

Myy: componente Myy della sollecitazione del guscio nel nodo indicato. [kN*m/m]

Fxx: componente Fxx della sollecitazione del guscio nel nodo indicato. [kN/m]

Fxy: componente Fxy della sollecitazione del guscio nel nodo indicato. [kN/m]

Fyy: componente Fyy della sollecitazione del guscio nel nodo indicato. [kN/m]

Vx: componente Vo della sollecitazione del guscio nel nodo indicato. [kN/m]

Vy: componente Vz della sollecitazione del guscio nel nodo indicato. [kN/m]

Sollecitazioni con momento Mxx minimo

Vengono mostrati i soli 50 gusci più sollecitati.

Shell	Cont.	Nodo	Sollecitazione								
Ind	N.br.	Ind	Mxx	Mxy	Myy	Fxx	Fxy	Fyy	Vx	Vy	
2	SLU 3	16	-67.77	-18.72	-39.12	27	5	7	141	113	
14	SLU 2	16	-60.26	14.22	-2.2	24	-6	-1	96	-32	
12	SLU 3	15	-53.13	-15.41	-42.87	13	3	9	156	137	
24	SLU 2	15	-45.39	16.24	-6.13	11	-6	2	97	-40	
1	SLU 3	13	-40.71	-14.24	2.09	5	5	4	-118	36	
11	SLU 5	3	-25.66	-4.12	3.45	-7	-1	11	-135	100	
3	SLU 6	12	-21.37	5.54	-0.13	14	0	-3	22	6	
26	SLU 7	31	-18.19	6.99	11.39	4	-2	-3	-56	16	
13	SLU 2	29	-18.09	16.74	-1.16	5	-6	-3	-44	42	
25	SLU 2	29	-17.72	6.23	-1.91	6	-2	-2	-39	-6	
23	SLV 1	15	-17.6	-5.94	-7.4	3	1	1	-30	-19	
27	SLU 7	31	-15.46	2.26	11.6	6	-2	-4	9	10	
15	SLU 7	31	-15.28	-2.21	13.95	6	-1	-4	13	-46	
4	SLU 6	11	-12.13	1.54	-0.07	11	-1	0	6	3	
16	SLU 6	20	-10.95	1.4	-1.81	7	-3	0	6	0	
28	SLU 6	33	-9.56	1.28	-2.01	3	-4	-1	4	-2	
5	SLU 6	10	-9.05	0.53	0.01	6	-1	0	5	2	
39	SLU 7	46	-8.3	2.64	3.99	1	-2	-1	-4	2	
17	SLU 6	22	-8.17	0.48	-1.33	4	-3	0	5	0	
40	SLU 6	46	-8.07	1.54	-1.45	1	-4	-1	3	0	
38	SLU 6	42	-7.45	5.91	-3.82	1	-2	-4	4	-1	
29	SLU 6	35	-7.36	0.37	-1.67	2	-4	0	4	-1	
6	SLU 11	9	-7.35	0.15	0	1	-1	0	3	2	
18	SLU 11	24	-6.73	0.16	-1.07	1	-2	0	3	1	
10	SLV 1	4	-6.64	-2.68	0.29	2	0	0	-7	7	
41	SLU 6	48	-6.48	0.38	-1.62	1	-5	-1	3	-1	
35	SLU 2	28	-6.43	4.42	-1.93	-1	-4	2	-43	-5	
30	SLU 11	37	-6.11	0.09	-1.76	0	-3	0	2	0	
7	SLU 11	8	-5.94	-0.4	0	-1	-1	0	3	1	
36	SLV 1	28	-5.91	-2.43	-2.11	1	0	0	12	-2	
8	SLU 10	7	-5.79	-0.64	0	0	0	0	1	1	
42	SLU 11	50	-5.5	0.01	-2.19	0	-3	0	2	0	
19	SLU 10	25	-5.45	-0.13	-0.89	0	0	0	0	1	
20	SLU 10	23	-5.31	-0.64	-0.87	0	0	0	1	1	
9	SLU 10	6	-5.27	-1.07	-0.01	0	0	0	3	1	
31	SLU 11	38	-4.95	-0.43	-1.57	0	-3	0	3	1	
21	SLU 10	21	-4.85	-1.11	-0.78	0	0	0	2	1	
32	SLU 10	36	-4.82	-0.62	-1.57	0	0	0	1	1	
34	SLV 3	30	-4.53	-0.97	1.86	1	0	0	-3	2	
22	SLV 3	30	-4.49	0.31	2.26	1	0	0	-3	-9	
43	SLU 11	51	-4.48	-0.39	-2.05	0	-3	0	2	0	
33	SLU 10	34	-4.37	-1.13	-1.57	0	0	0	2	1	
44	SLU 10	49	-4.34	-0.48	-2.12	0	0	0	1	0	
37	SLU 6	57	-3.99	5.52	-4.45	0	-1	-5	-6	3	
45	SLU 10	47	-3.89	-0.86	-2.32	0	0	0	1	1	
46	SLU 12	45	-2.98	-1.21	2.74	0	-2	-1	4	4	
47	SLV 1	41	-2.43	-1.88	-2.42	0	0	0	-1	-1	
48	SLV 1	54	-1.38	-1.77	-2.26	0	0	0	2	0	

Sollecitazioni con momento Mxx massimo

Vengono mostrati i soli 50 gusci più sollecitati.

Shell	Cont.	Nodo	Sollecitazione								
Ind	N.br.	Ind	Mxx	Mxy	Myy	Fxx	Fxy	Fyy	Vx	Vy	
23	SLU 7	15	68.15	23.35	53.62	-23	-11	-14	137	120	
11	SLU 6	15	67.31	-7.44	7.35	-26	1	0	122	-43	
13	SLU 7	16	52.28	22.29	58.55	-11	-6	-18	133	134	
1	SLU 6	16	51.52	-7.49	8.82	-13	2	-1	127	-51	
12	SLU 6	3	32.49	-10.63	1.34	-10	5	2	-78	40	
24	SLU 7	28	23.71	18.99	2.7	-2	-6	-10	-70	53	
36	SLU 7	28	23.68	7.89	7.26	-3	-2	-3	-46	11	
10	SLU 3	4	22.38	11.06	-1.85	-9	-2	0	30	-38	
2	SLV 1	16	20.97	4.2	7.8	-4	0	-1	-42	-25	
14	SLV 3	16	19.96	-5.44	9.37	-4	1	-1	-37	26	
35	SLU 2	30	16.04	4.82	-1.89	-2	-5	0	-43	-2	
22	SLU 2	30	13.21	-0.53	-2.16	-6	-4	2	15	16	
34	SLU 2	30	13.17	1.95	-2.15	-6	-4	0	13	2	
26	SLU 9	29	12.57	4.15	11.91	4	1	-10	-46	7	
9	SLU 3	5	11.52	4.25	0.85	-5	-1	0	9	-2	
25	SLU 8	29	8.97	-3.76	11.1	4	0	-9	10	5	
21	SLU 3	19	8.82	3.46	7.22	-5	-4	0	9	5	

Shell Ind	Cont. N.br.	Nodo Ind	Sollecitazione							
			Mxx	Mxy	Myy	Fxx	Fxy	Fyy	Vx	Vy
47	SLU 3	41	8.15	4.92	7.21	-1	-3	0	6	8
8	SLU 3	6	7.2	1.95	-0.23	-1	-2	1	7	-6
46	SLU 3	43	6.61	2.19	4.84	0	-6	0	3	5
33	SLU 3	32	6.37	1.42	5.96	-3	-6	1	6	4
3	SLV 3	12	6.31	-2.25	-0.25	-2	0	0	-10	-7
45	SLU 3	45	5.33	0.72	4.31	-2	-6	0	5	4
20	SLU 3	21	5.24	1.36	2.74	-1	-4	1	6	-2
7	SLU 5	7	5.04	1.17	0.13	8	-1	0	3	-4
4	SLU 4	11	4.12	-6.11	1.26	9	0	1	-1	0
32	SLU 3	34	3.96	0.56	4.23	-1	-5	1	5	2
27	SLV 1	31	3.92	-0.11	-2.54	-1	0	0	-4	0
15	SLV 1	31	3.91	1.25	-2.86	-1	0	1	-6	10
48	SLU 3	54	3.76	4.67	4.58	0	-2	1	-6	4
5	SLU 4	10	3.66	-3.49	-0.36	9	0	1	-1	-8
6	Vento +X	9	3.49	-1.01	0.08	6	0	0	0	-3
19	SLU 5	23	3.1	0.91	3.68	5	-2	1	3	-1
44	SLU 3	47	3.06	-0.01	3.59	0	-6	1	4	3
18	Vento +X	25	2.24	-0.32	2.16	4	0	1	0	-2
38	SLV 3	42	2.22	-1.34	0.71	0	0	0	-2	2
17	Vento +X	24	2.2	-1.39	2.51	4	0	1	0	-1
37	SLU 4	42	1.95	0.04	10.65	-1	2	-7	3	9
16	SLV 3	20	1.91	-0.01	1.26	-1	1	0	-3	1
31	SLU 3	36	1.72	-0.13	3.14	1	-5	1	4	1
39	SLV 3	44	1.67	-0.55	0.38	0	1	0	-1	1
28	SLV 1	33	1.46	0.77	-0.87	-1	1	0	-2	2
43	Vento +Y	49	1.28	-0.27	0.08	0	-3	0	2	0
40	SLV 1	46	1.26	-0.03	-1.57	0	1	0	-1	0
30	Vento +X	38	1.24	-0.2	3.42	2	0	1	0	0
29	Vento +X	37	1.14	-0.89	3.69	1	1	1	0	0
42	Vento +X	51	0.63	-0.08	3.66	1	0	1	0	1
41	Vento +X	50	0.55	-0.29	3.9	0	1	1	0	1

Sollecitazioni con momento Myy minimo

Vengono mostrati i soli 50 gusci più sollecitati.

Shell Ind	Cont. N.br.	Nodo Ind	Sollecitazione							
			Mxx	Mxy	Myy	Fxx	Fxy	Fyy	Vx	Vy
12	SLU 5	15	-36.18	-16.68	-65.36	9	4	15	130	181
1	SLU 4	16	-6.38	11.74	-61.51	1	-2	14	-56	154
2	SLU 5	16	-45.98	-24.37	-60.84	17	7	12	120	149
11	SLU 4	15	-7.72	20.39	-57.95	1	-6	12	-53	127
24	SLU 5	26	-1.78	-12.84	-26.12	6	3	-8	-1	-154
13	SLV 5	16	-5.55	-3.99	-24.83	1	0	5	-23	-43
14	SLV 9	16	-5.77	6.74	-23.81	1	-2	5	19	-39
23	SLV 5	15	-5.76	-6.75	-23.79	1	2	5	-19	-39
15	SLU 5	18	-7.28	-4.66	-11.26	7	2	-2	8	-63
25	SLV 9	40	0.14	2.81	-8.84	0	0	2	-6	-9
36	SLV 5	39	0.14	-2.81	-8.84	0	0	2	6	-9
10	SLV 5	17	-1.97	-2.71	-7.65	0	0	1	-2	16
3	SLV 9	18	-1.96	2.71	-7.65	0	0	1	2	16
22	SLU 4	17	-1.58	4.9	-7.31	2	-4	0	-7	-54
37	SLU 11	66	0.16	3.57	-6.88	0	0	-6	-5	2
27	SLV 5	31	1.46	0.97	-6.13	0	0	1	-2	-4
34	SLV 9	30	1.46	-0.97	-6.12	0	0	1	2	-4
26	SLV 5	31	1.77	-0.2	-6.1	0	0	1	9	-5
35	SLV 9	30	1.77	0.19	-6.09	0	0	1	-9	-5
38	SLU 11	57	-2.24	3.45	-5.46	0	-1	-3	-3	0
48	SLV 5	52	-0.1	-0.92	-5.24	0	0	2	1	-2
47	SLU 10	54	-0.97	-0.68	-4.67	0	0	0	1	2
39	SLU 11	58	-4.41	2.39	-4.24	0	-2	-1	-1	1
46	SLU 10	55	-1.86	-0.81	-4.01	0	0	0	1	1
28	SLV 5	46	-0.07	0.85	-3.57	0	0	0	0	1
33	SLV 9	45	-0.07	-0.86	-3.57	0	0	0	0	1
40	SLV 5	46	-0.07	0.29	-3.48	0	0	0	0	-1
45	SLV 9	45	-0.07	-0.29	-3.48	0	0	0	0	-1
21	SLV 5	19	-2.36	-2.01	-3.25	0	0	0	-1	-2
16	SLV 9	20	-2.36	2.01	-3.25	0	0	0	1	-2
44	SLU 11	60	-1.65	-0.46	-2.82	0	-3	0	2	1
41	SLV 9	48	-1.31	0.3	-2.74	0	-1	0	0	-1
29	SLV 9	48	-1.3	0.54	-2.73	0	0	0	0	0
32	SLV 5	47	-1.3	-0.54	-2.73	0	0	0	0	0
17	SLV 9	35	-1.74	0.97	-2.66	0	0	0	0	2
20	SLV 5	34	-1.74	-0.97	-2.66	0	0	0	0	2
43	SLU 11	62	-3.03	-0.43	-2.41	0	-3	0	2	0
42	SLU 10	63	-4	0.21	-2.38	0	0	0	0	0
30	SLV 9	50	-1.33	0.22	-2.36	0	0	0	0	0
31	SLV 5	49	-1.33	-0.22	-2.35	0	0	0	0	0
18	SLV 9	37	-1.75	0.39	-2.09	0	0	0	0	1
19	SLV 5	36	-1.75	-0.39	-2.09	0	0	0	0	1
4	SLU 6	20	-10.96	1.49	-1.96	7	-2	0	6	3
9	SLV 5	21	-2.43	-1.84	-1.86	0	0	0	1	3
8	SLV 5	21	-2.43	-1.25	-1.86	-1	0	0	0	3
5	SLV 9	22	-2.43	1.25	-1.86	-1	0	0	0	3
7	SLV 5	23	-2.37	-0.51	-1.29	-1	0	0	0	2
6	SLV 9	24	-2.37	0.51	-1.29	-1	0	0	0	2

Sollecitazioni con momento Myy massimo

Vengono mostrati i soli 50 gusci più sollecitati.

Shell Ind	Cont. N.br.	Nodo Ind	Sollecitazione							
			Mxx	Mxy	Myy	Fxx	Fxy	Fyy	Vx	Vy
13	SLU 9	16	36.5	19.22	87.92	-6	-4	-28	113	170
23	SLU 9	15	45.26	24.54	83.72	-13	-11	-24	115	156
24	SLU 8	15	8.74	-9.32	83.5	0	1	-27	-53	144
14	SLU 8	16	8.15	-16.21	81.61	1	7	-25	-54	134
1	SLU 9	27	-1.24	17.01	49.88	-4	-5	-6	15	-131
12	SLU 8	26	1.48	-13.27	40.89	2	6	-10	51	-95
11	SLU 9	17	2.22	22.33	28.19	-10	-7	-3	27	-77
10	SLU 9	17	6.35	8.25	28.11	-3	-2	-3	13	-56

Locale pre-ispessimento fanghi

Shell Ind	Cont. N.br.	Nodo Ind	Sollecitazione								
			Mxx	Mxy	Myy	Fxx	Fxy	Fyy	Vx	Vy	
36	SLU 5	39	-1.19	10.95	27.94	1	-2	-9	-33	37	
25	SLU 4	40	0.36	-5.51	26.85	3	0	-14	9	35	
2	SLU 8	18	-0.56	-19.73	24.48	3	7	-5	39	-57	
3	SLU 8	18	0.71	-5.9	24.12	2	2	-6	-11	-52	
15	SLU 5	31	-9.89	-5.35	22.49	3	2	-4	11	-63	
22	SLU 4	30	-1.73	5.41	21.44	-1	-5	-2	-3	-54	
27	SLU 5	31	-10.21	-0.32	18.73	3	1	-6	5	15	
26	SLU 5	31	-11.9	4.43	18.63	4	1	-6	-46	21	
35	SLU 4	30	-2.06	-1.18	17.76	2	-4	-6	19	19	
34	SLU 4	30	-2.06	1.84	17.71	0	-4	-6	2	16	
48	SLU 5	52	0.67	3.6	13.75	0	-1	-5	-2	11	
37	SLU 4	53	0.1	-0.05	11.84	0	1	-10	3	10	
47	SLU 5	41	6.07	2.86	11.4	0	-4	-4	5	11	
38	SLU 4	42	1.8	0.28	10.63	0	2	-6	-2	9	
21	SLU 5	19	6.45	5.49	10.49	0	-3	0	7	7	
39	SLU 5	44	-2.52	2.27	9.61	1	2	-4	-5	7	
16	SLU 4	20	1.37	-5.18	9.58	4	1	0	-3	6	
46	SLU 4	43	1.15	-0.63	9.38	1	-4	-3	5	7	
33	SLU 5	32	3.5	2.29	9.15	-1	-6	1	4	2	
28	SLU 5	46	-4.43	-0.71	8.82	1	0	-1	0	-2	
40	SLU 5	46	-4.47	0.56	8.47	1	1	-1	1	5	
45	SLU 4	45	-0.78	-0.03	8.28	0	-3	-1	1	5	
20	SLU 5	34	2.69	2.13	7.09	0	-4	1	3	-5	
17	SLU 4	35	-0.03	-2.23	6.71	2	1	1	0	-5	
32	SLU 5	34	2.65	1.34	6.7	0	-4	1	3	2	
44	SLU 5	47	1.65	0.19	6.36	0	-5	2	3	4	
29	SLU 4	35	-0.06	-1.45	6.32	2	1	1	0	1	
41	SLU 4	48	-0.73	-0.22	6.29	0	2	1	0	3	
9	SLU 5	21	4.55	5.01	5.42	0	-2	0	2	-8	
8	SLU 5	21	4.53	3.17	5.42	3	-1	1	3	-9	
31	SLU 5	49	0.67	0.16	5.26	0	-4	1	3	1	
43	SLU 5	49	0.67	-0.12	5.24	0	-4	2	2	2	
30	SLU 4	50	-0.48	-0.43	5.19	1	1	1	0	0	
42	SLU 4	50	-0.48	-0.12	5.18	1	1	2	0	2	
19	SLU 5	36	1.53	0.71	5.11	2	-3	1	3	-1	
4	SLU 4	22	1.54	-4.86	4.94	4	1	0	2	-8	
5	SLU 4	22	1.52	-3.17	4.94	5	0	0	0	-8	
18	SLU 4	37	0.24	-0.96	4.92	3	0	1	0	-1	
7	SLU 5	23	3.06	1.16	3.29	4	-1	0	3	-4	
6	SLU 4	25	1.72	-0.44	3.11	6	0	1	0	-4	

Sollecitazioni con sforzo Fxx minimo

Vengono mostrati i soli 50 gusci più sollecitati.

Shell Ind	Cont. N.br.	Nodo Ind	Sollecitazione								
			Mxx	Mxy	Myy	Fxx	Fxy	Fyy	Vx	Vy	
11	SLU 6	15	67.31	-7.44	7.35	-26	1	0	122	-43	
23	SLU 6	15	65.39	13.23	6.37	-24	-7	1	111	45	
12	SLU 7	2	-5.24	7.4	-3.98	-16	8	-14	-35	-2	
10	SLU 6	5	6.09	1.33	0.03	-14	-2	-1	31	3	
1	SLU 2	16	50.57	-7.89	7.53	-13	2	-1	125	-48	
9	SLU 6	5	6.93	-0.07	0.1	-11	-1	0	10	-2	
13	SLU 3	16	51.3	22.04	57.11	-11	-6	-18	131	130	
22	SLU 6	17	8.05	-0.8	6.97	-10	-3	3	4	17	
21	SLU 6	19	5.96	-0.37	1.25	-7	-3	0	9	3	
8	SLU 6	6	2.22	-0.61	-0.01	-6	-1	0	7	0	
34	SLU 7	30	11.69	2.8	8.2	-6	-7	-3	14	12	
24	SLU 6	39	-2.67	4.87	1.86	-6	-5	-2	-50	-52	
36	SLU 6	28	18.7	5.24	-0.32	-6	-2	2	-40	10	
20	SLU 6	21	1.84	-0.69	0.31	-4	-3	0	6	1	
2	SLV 1	16	20.97	4.2	7.8	-4	0	-1	-42	-25	
14	SLV 1	16	19.1	-2.28	-5.31	-4	1	2	-29	2	
33	SLU 6	32	5.08	-0.56	0.05	-4	-5	1	6	5	
3	SLV 1	11	1.23	0.48	-0.12	-3	0	0	-9	1	
35	SLU 6	30	15.62	4.2	-2.42	-3	-5	0	-42	0	
25	SLU 3	53	-0.98	6.79	2.76	-2	0	-16	-1	18	
32	SLU 6	34	1.67	-0.77	-0.4	-2	-4	0	5	2	
7	SLU 6	7	-1.16	-0.64	0.01	-2	-1	0	5	0	
4	SLV 5	10	-2.24	1.87	0.11	-2	0	0	-1	3	
5	SLV 5	10	-2.25	1.41	0.11	-2	0	0	-1	3	
19	SLU 6	23	-1.11	-0.63	-0.25	-2	-3	0	5	1	
6	SLV 5	8	-2.9	0.24	0.02	-2	0	0	0	2	
45	SLU 7	45	4.28	0.39	3.37	-2	-6	0	5	4	
15	SLV 1	18	2.45	1.15	2.78	-2	0	1	-2	10	
16	SLV 1	20	1.47	1.05	-0.55	-1	0	0	-2	0	
17	SLV 5	24	-1.95	0.84	-1.35	-1	0	0	-1	1	
37	SLU 3	42	-0.45	6.2	5.21	-1	0	-8	2	7	
18	SLV 5	24	-1.95	0.53	-1.35	-1	0	0	0	1	
38	SLU 9	57	-0.83	3.62	3.74	-1	2	-9	-4	8	
46	SLU 6	45	4.45	1.04	-2.07	-1	-4	0	1	2	
27	SLV 3	31	3.59	-0.58	0.84	-1	1	0	-4	2	
44	SLU 6	49	-0.61	-0.61	-1.28	-1	-5	0	4	1	
31	SLU 6	36	-0.98	-0.69	-0.73	-1	-5	0	4	1	
47	SLU 8	54	0.45	-0.85	4.53	-1	-3	-6	2	10	
39	SLU 7	58	-4.85	3.56	1.21	-1	-1	-4	-1	4	
26	SLV 5	29	-3.14	-0.05	-4.59	-1	0	2	9	0	
28	SLV 1	35	0.31	0.62	-0.81	-1	1	0	-2	1	
48	SLU 4	41	1.95	-0.03	10.64	-1	-2	-7	-3	9	
40	SLU 9	59	-3.79	1.48	4.24	-1	1	-2	-1	5	
30	SLV 5	38	-1.63	0.17	-1.98	0	0	0	0	0	
29	SLV 1	35	0.31	0.5	-0.82	0	1	0	-2	1	
43	SLU 6	51	-2.91	-0.55	-1.35	0	-5	0	4	0	
41	SLU 8	61	-1.86	0.33	3.79	0	2	1	-1	3	
42	SLU 9	63	-3.01	-0.13	3.36	0	-2	1	2	2	

Sollecitazioni con sforzo Fxx massimo

Vengono mostrati i soli 50 gusci più sollecitati.

Shell	Cont.	Nodo	Sollecitazione										
			Ind	N.br.	Ind	Mxx	Mxy	Myy	Fxx	Fxy	Fyy	Vx	Vy
2	SLU 3	16				-67.77	-18.72	-39.12	27	5	7	141	113
14	SLU 3	16				-57.49	4.1	45.06	24	-2	-16	69	43
3	SLU 3	11				-6.78	-2.88	0.74	19	-1	2	22	-1
4	SLU 3	11				-7.54	-2.78	0.67	16	-1	1	7	2
12	SLU 7	15				-52.18	-15.81	-41.58	14	3	9	154	135
5	SLU 5	10				0.27	-3.52	-0.36	13	0	0	3	-8
1	SLU 2	14				5.26	5.03	-0.11	12	5	6	-73	-60
24	SLU 6	15				-44.41	15.99	-4.68	11	-6	2	95	-36
15	SLU 3	18				-10.71	-2.3	-10.89	10	-1	-3	5	-47
6	SLU 5	9				1.91	-1.63	0.12	10	-1	0	3	-4
9	SLU 4	6				3.59	4.71	-0.37	10	0	0	1	-8
7	SLU 4	8				3.37	0.48	-0.05	9	0	1	0	-4
8	SLU 4	6				3.65	3.49	-0.36	9	0	1	1	-8
16	SLU 3	20				-8.09	-2.42	4.16	9	-2	0	5	2
10	SLU 4	4				2.66	10.38	-3.39	8	-3	-4	5	-51
25	SLU 3	29				-12.74	3.58	5.67	8	-2	-7	-33	-5
13	SLU 3	40				3.27	2.82	17.8	8	-8	1	-18	-7
17	SLU 5	24				0.27	-2.04	3.29	8	-2	2	3	-2
18	SLU 5	24				0.27	-1.36	3.29	7	-2	1	3	-2
27	SLU 2	31				-13.99	3.1	1.24	6	-4	0	11	0
19	SLU 4	23				1.68	1.14	3.49	6	0	1	0	-1
20	SLU 4	23				1.7	1.88	3.49	5	0	2	0	-1
28	SLU 3	35				-5.07	-1.02	2.97	4	-3	1	5	-1
36	SLU 4	28				8.61	4.09	11.92	4	0	-9	-10	4
11	SLV 3	15				-18.61	3.64	-6.08	4	0	1	-35	21
21	SLU 4	21				1.39	4.32	3.36	4	-2	1	3	-5
26	SLU 3	31				-17.76	6.36	11.93	4	-2	-3	-56	15
23	SLV 3	15				-16.74	-2.79	7.27	4	1	-2	-22	4
29	SLU 3	37				-2.58	-0.96	2.52	3	-4	1	4	0
35	SLU 4	28				8.59	-0.62	12.03	3	-3	-9	19	2
30	SLU 5	38				0.37	-0.56	4.64	3	-3	2	2	0
22	SLU 4	19				1.36	3.72	9.59	3	-2	1	-7	7
31	SLU 4	38				0.27	0.37	4.64	3	0	2	0	0
32	SLU 4	36				0.26	1.14	5.04	2	-1	2	0	0
40	SLU 3	48				-4.84	0.27	3.39	2	-3	0	3	0
33	SLU 4	34				-0.03	1.95	6.33	1	-2	1	0	0
41	SLU 3	50				-2.72	-0.39	2.73	1	-4	1	4	0
39	SLU 3	46				-7.26	2.26	4.94	1	-2	-1	-3	2
38	SLU 5	44				-1.81	2.88	9.69	1	1	-4	1	7
42	SLU 5	51				-0.4	-0.37	4.84	1	-3	2	2	2
34	SLV 1	30				-4.2	-1.44	-1.52	1	1	0	-3	-1
48	SLU 6	52				0.98	5.36	0.48	1	0	9	1	2
43	SLU 4	51				-0.4	0.09	4.84	1	0	2	0	2
47	SLU 4	43				1.29	-0.5	9.39	1	-3	-3	2	8
46	SLU 4	43				1.15	-0.63	9.38	1	-4	-3	5	7
44	SLU 4	49				-0.47	0.27	5.18	1	-2	2	0	2
45	SLU 2	56				3.45	0.78	-1.16	0	-4	1	2	1
37	SLV 5	42				-0.61	-0.18	-4.4	0	0	2	-1	-2

Sollecitazioni con sforzo Fyy minimo

Vengono mostrati i soli 50 gusci più sollecitati.

Shell	Cont.	Nodo	Sollecitazione										
			Ind	N.br.	Ind	Mxx	Mxy	Myy	Fxx	Fxy	Fyy	Vx	Vy
13	SLU 9	16				36.5	19.22	87.92	-6	-4	-28	113	170
24	SLU 8	15				8.74	-9.32	83.5	0	1	-27	-53	144
14	SLU 9	16				-28.96	-7.88	79.51	15	3	-25	6	113
23	SLU 8	15				8.16	16.21	81.62	1	-7	-25	54	134
25	SLU 5	53				-0.58	2.86	8.88	-2	1	-19	-2	32
12	SLU 9	2				-3.06	7.83	-6.77	-14	8	-17	25	-63
37	SLU 5	53				-0.48	3.51	9.92	-1	1	-15	3	10
36	SLU 4	52				0.01	1.78	10.81	-1	-2	-14	3	34
1	SLU 8	14				0.11	-5.02	-6.84	-6	-5	-13	-69	-99
26	SLU 9	29				12.57	4.15	11.91	4	1	-10	-46	7
48	SLU 4	52				0.1	0.05	11.83	0	-1	-10	-3	10
35	SLU 8	28				8.66	-1.17	11.17	3	-3	-9	20	3
38	SLU 9	42				-2.66	3.74	8.48	0	1	-9	1	8
3	SLU 5	18				-4.16	-3.95	19.79	7	2	-8	-8	-47
2	SLU 5	12				-12.17	-3.42	-3.9	-1	8	-8	18	-38
11	SLU 4	4				3.75	5.61	-3.48	-2	-5	-6	-70	-62
47	SLU 8	41				1.61	-0.6	9.25	0	-3	-6	2	10
27	SLU 9	44				-3.16	2.8	7.79	1	2	-6	-10	16
10	SLU 4	17				1.48	6.3	23.77	2	-2	-6	10	-51
34	SLU 8	30				-2.54	1.23	17.17	0	-4	-6	3	17
39	SLU 9	58				-2.74	2.76	4.14	0	2	-5	-2	7
15	SLU 5	31				-9.89	-5.35	22.49	3	2	-4	11	-63
46	SLU 8	55				-0.18	-1.18	4.36	0	-3	-3	2	7
22	SLU 4	30				-1.73	5.41	21.44	-1	-5	-2	-3	-54
40	SLU 9	59				-3.79	1.48	4.24	-1	1	-2	-1	5
28	SLU 7	46				-7.98	0.5	4.29	1	-3	-1	2	-3
45	SLU 8	56				-1.23	-0.85	4.16	0	-3	-1	2	6
16	SLU 7	33				-9.56	-1.12	2.55	4	-2	-1	4	3
33	SLU 8	45				-1.79	0.59	7.62	0	-3	-1	3	1
41	SLU 6	48				-6.48	0.38	-1.62	1	-5	-1	3	-1
21	SLU 6	21				1.86	-0.57	0.32	-6	-4	-1	9	2
9	SLU 6	19				5.97	-0.13	1.34	-7	-2	0	8	-2
5	SLU 2	22				-6.47	0.25	-1.04	4	-2	0	5	2
29	SLU 6	48				-6.48	0.35	-1.64	1	-4	0	4	-1
8	SLU 6	7				-1.2	-0.67	0	-6	-1	0	7	1
30	SLV 9	38				-1.63	0.08	-1.98	0	0	0	0	0
31	SLV 9	38				-1.63	-0.18	-1.98	0	0	0	0	0
42	SLV 5	51				-1.21	0.11	-2.22	0	0	0	0	0
43	SLV 5	51				-1.21	-0.03	-2.22	0	0	0	0	-1
44	SLV 9	49				-0.31	-0.96	-2.33	0	0	0	0	0
20	SLV 9	23				-1.95	-0.84	-1.35	-1	0	0	1	1
32	SLV 9	36				-1.35	-0.62	-2.07	0	0	0	1	0

Locale pre-ispessimento fanghi

Shell	Cont.	Nodo	Sollecitazione											
			Ind	N.br.	Ind	Mxx	Mxy	Myy	Fxx	Fxy	Fyy	Vx	Vy	
17	SLV 9	24				-2.39	0.77	-1.41	-1	0	0	0	0	1
19	SLV 9	23				-1.95	-0.53	-1.35	-1	0	0	0	0	1
18	SLV 5	24				-1.95	0.53	-1.35	-1	0	0	0	0	1
4	SLV 5	11				-1.64	2.24	-0.38	-2	0	0	-1	0	0
7	SLU 6	25				-3.54	-0.5	-0.59	-1	-2	0	5	1	1
6	SLV 9	8				-2.9	0.14	0.02	-2	0	0	0	0	2

Sollecitazioni con sforzo Fyy massimo

Vengono mostrati i soli 50 gusci più sollecitati.

Shell	Cont.	Nodo	Sollecitazione											
			Ind	N.br.	Ind	Mxx	Mxy	Myy	Fxx	Fxy	Fyy	Vx	Vy	
12	SLU 9	15				-35.22	-17.08	-64.07	9	4	15	128	179	
1	SLU 8	16				-5.43	12.14	-60.23	1	-2	14	-54	151	
11	SLU 9	15				32.49	15.98	-53.68	-14	-6	12	20	101	
2	SLU 8	16				-5.77	-19.96	-56.57	1	6	12	47	124	
48	SLU 6	65				-0.29	4.52	-0.61	0	0	10	-5	2	
36	SLU 6	39				-2.56	8.59	1.03	-4	-2	8	-41	8	
24	SLV 9	15				-5.54	3.99	-24.81	1	0	5	23	-43	
13	SLV 5	16				-5.55	-3.99	-24.83	1	0	5	-23	-43	
23	SLV 9	15				5.25	-4.28	-23.16	-1	1	5	-1	-32	
14	SLV 5	16				5.24	4.28	-23.17	-1	-1	5	1	-32	
47	SLU 2	54				1.86	4.33	-0.07	0	-2	4	-3	3	
10	SLU 6	17				7.97	3.15	7.3	-9	0	4	5	-9	
35	SLU 2	41				7	3.59	0.15	0	-2	3	6	-5	
22	SLU 6	17				8.05	-0.8	6.97	-10	-3	3	4	17	
25	SLV 5	53				0.08	0.22	-4.33	0	0	3	1	-8	
3	SLU 5	11				-1.11	-7.29	1.27	17	0	3	11	0	
37	SLV 5	53				0.07	-0.16	-4.61	0	0	3	-1	-3	
46	SLU 2	55				3.73	2.32	-0.83	1	-3	2	1	1	
42	SLU 5	51				-0.4	-0.37	4.84	1	-3	2	2	2	
26	SLV 5	29				-3.14	-0.05	-4.59	-1	0	2	9	0	
31	SLU 5	38				0.37	-0.03	4.64	2	-3	2	3	0	
30	SLU 4	38				0.37	-0.26	4.64	3	0	2	0	0	
43	SLU 4	51				-0.4	0.09	4.84	1	0	2	0	2	
29	SLU 5	37				-1.03	-1.35	4.86	3	-2	2	2	0	
44	SLU 5	49				0.68	0.1	5.24	0	-4	2	3	2	
32	SLU 4	36				0.26	1.14	5.04	2	-1	2	0	0	
41	SLU 4	50				-0.47	-0.27	5.18	1	2	2	0	2	
20	SLU 5	23				3.12	1.73	3.69	3	-2	2	3	-1	
38	SLV 5	42				-0.05	-0.14	-4.35	0	0	2	0	-2	
17	SLU 4	24				1.7	-1.88	3.49	5	0	2	0	-1	
33	SLU 5	34				2.68	1.95	6.71	-1	-5	1	4	1	
18	SLU 5	24				0.27	-1.36	3.29	7	-2	1	3	-2	
19	SLU 4	23				1.68	1.14	3.49	6	0	1	0	-1	
16	SLU 5	22				-1.62	-4.22	2.87	8	-1	1	1	-6	
28	SLU 4	35				-0.03	-1.95	6.33	1	2	1	0	0	
45	SLU 5	60				1.28	-0.09	4.64	0	-6	1	3	4	
27	SLV 9	44				-1.38	0.76	-3.84	0	-1	1	2	-4	
34	SLV 5	30				-0.98	-1.44	-5.82	0	1	1	0	-4	
4	SLU 5	20				-4.41	-5.84	1.59	7	-1	1	6	1	
21	SLU 5	34				2.71	2.75	7.09	-1	-4	1	5	-4	
40	SLU 4	48				-0.73	-0.21	6.3	0	3	1	-1	3	
9	SLU 4	5				4.12	6.11	1.26	9	0	1	1	0	
39	SLV 5	58				-0.25	-0.17	-3.02	0	0	1	0	-2	
6	SLU 9	8				1.32	-0.7	-0.05	10	-1	1	3	-4	
8	SLU 9	6				5.21	3.17	-0.37	6	-1	1	5	-9	
7	SLU 8	8				1.31	0.44	-0.05	9	0	1	0	-4	
15	SLU 8	20				0.05	-3.19	9.44	3	2	1	6	7	
5	SLU 5	9				1.89	-2.57	0.12	13	-1	1	3	-4	

1.6 Sollecitazioni estreme travi e pilastri

Asta: elemento asta a cui si riferiscono le sollecitazioni.

Ind.: indice dell'asta.

Cont.: contesto a cui si riferisce la sollecitazione

N.br.: nome breve della condizione o combinazione di carico.

Pos.: numero della sezione all'interno dell'asta (tra 1 e 31, dove 1 corrisponde alla sezione al nodo iniziale, 16 è la sezione in mezzeria, 31 corrisponde alla sezione al nodo finale).

Posizione: posizione a cui si riferisce la sollecitazione dell'asta.

X: componente X della posizione a cui si riferisce la sollecitazione dell'asta. [m]

Y: componente Y della posizione a cui si riferisce la sollecitazione dell'asta. [m]

Z: componente Z della posizione a cui si riferisce la sollecitazione dell'asta. [m]

Soll.traslazionale: componente traslazionale della sollecitazione dell'asta.

F1: componente F1 della sollecitazione dell'asta. [kN]

F2: componente F2 della sollecitazione dell'asta. [kN]

F3: componente F3 della sollecitazione dell'asta. [kN]

Soll.rotazionale: componente rotazionale della sollecitazione dell'asta.

M1: componente M1 della sollecitazione dell'asta. [kN*m]

M2: componente M2 della sollecitazione dell'asta. [kN*m]

M3: componente M3 della sollecitazione dell'asta. [kN*m]

Sollecitazioni con sforzo normale (N) minimo

Vengono mostrate le sole 13 aste più sollecitate.

Asta	Cont.	Pos.	Posizione			Soll.traslazionale			Soll.rotazionale		
Ind.	N.br.		X	Y	Z	F1	F2	F3	M1	M2	M3
2	SLU 13	1	5.2	4.33	0	-41.18	0.16	-14.93	0	27.7346	0.7777
5	SLU 10	1	0.15	4.33	0	-41.18	-0.16	0	0	-0.0014	-0.7826
6	SLU 13	1	0.15	8.65	0	-22.93	-9.69	-9.97	0.0004	25.5004	-21.3785
3	SLU 12	1	5.2	8.65	0	-22.93	0.25	-9.96	0	25.4233	1.0789
4	SLU 11	1	0.15	0	0	-22.62	-9.64	-0.03	-0.0004	0.138	-21.163
1	SLU 10	1	5.2	0	0	-22.62	0.2	-0.05	0	0.2122	0.8635
8	SLU 9	31	0.15	8.65	4.3	-4.86	10.11	0	0.0025	0	0
12	SLU 8	31	5.2	8.65	4.3	-4.84	10.11	0	0	0	0
7	SLU 11	1	0.15	0	4.3	-2.87	-17.95	0	-0.0025	0	0
9	SLU 10	31	5.2	0	4.3	-2.86	17.95	0	0	0	0
11	Vento +X	1	0.15	0	4.3	-0.06	0	0	0	0	0
13	CRTFP Ux-	1	0.15	4.33	5	0	0	0	0	0	0
10	CRTFP Uy-	1	0.15	8.65	4.3	0	0	0	0	0	0

Sollecitazioni con sforzo normale (N) massimo

Vengono mostrate le sole 13 aste più sollecitate.

Asta	Cont.	Pos.	Posizione			Soll.traslazionale			Soll.rotazionale		
Ind.	N.br.		X	Y	Z	F1	F2	F3	M1	M2	M3
9	SLU 9	1	5.2	4.33	5	4.92	-10.05	0	-0.0025	0	0
7	SLU 8	31	0.15	4.33	5	4.9	10.05	0	0	0	0
12	SLU 11	1	5.2	4.33	5	2.96	-17.85	0	0.0025	0	0
8	SLU 10	1	0.15	4.33	5	2.94	-17.85	0	0	0	0
1	Vento +X	1	5.2	0	0	0.34	-0.06	-11.12	0	28.4858	-0.2394
4	Vento +X	1	0.15	0	0	0.34	0.06	-11.12	0	28.4856	0.2394
10	SLU 13	1	0.15	8.65	4.3	0.25	-1.01	0	0	0	0
11	SLU 10	1	0.15	0	4.3	0.2	-1.01	0	0	0	0
13	SLU 10	1	0.15	4.33	5	0.16	-1.01	0	0	0	0
5	Vento +Y	1	0.15	4.33	0	0.01	0	0	0	-0.0001	-0.0054
3	Vento +Y	1	5.2	8.65	0	0	-10.49	0.02	0.0004	-0.0841	-22.5551
2	Rig Ux	1	5.2	4.33	0	0	-0.01	0	0	0	-0.025
6	Rig Ux	1	0.15	8.65	0	0	0	0	0	0	0

Sollecitazioni con taglio T2 minimo

Vengono mostrate le sole 13 aste più sollecitate.

Asta	Cont.	Pos.	Posizione			Soll.traslazionale			Soll.rotazionale		
Ind.	N.br.		X	Y	Z	F1	F2	F3	M1	M2	M3
7	SLU 10	1	0.15	0	4.3	-2.86	-17.95	0	0	0	0
8	SLU 10	1	0.15	4.33	5	2.94	-17.85	0	0	0	0
9	SLU 10	1	5.2	4.33	5	2.94	-17.85	0	0	0	0
12	SLU 10	1	5.2	4.33	5	2.94	-17.85	0	0	0	0
6	SLU 7	1	0.15	8.65	0	-14.99	-15.91	-10	0.0007	25.6247	-34.5923
4	SLU 6	1	0.15	0	0	-14.68	-15.86	0	-0.0007	0.0139	-34.3768
1	SLU 3	1	5.2	0	0	-6.42	-15.74	-10.05	-0.0007	25.8281	-33.8233
3	SLU 2	1	5.2	8.65	0	-6.73	-15.69	0.04	0.0007	-0.1927	-33.6079
5	SLV 13	1	0.15	4.33	0	-7.03	-3.54	0.6	0	-3.0042	-17.7077
2	SLV X	1	5.2	4.33	0	0	-3.52	0	0	0.0073	-17.5781
10	SLU 1	1	0.15	8.65	4.3	0.05	-1.01	0	0	0	0
11	SLU 1	1	0.15	0	4.3	0.05	-1.01	0	0	0	0
13	SLU 1	1	0.15	4.33	5	0.03	-1.01	0	0	0	0

Sollecitazioni con taglio T2 massimo

Vengono mostrate le sole 13 aste più sollecitate.

Asta	Cont.	Pos.	Posizione			Soll.traslazionale			Soll.rotazionale		
Ind.	N.br.		X	Y	Z	F1	F2	F3	M1	M2	M3
12	SLU 10	31	5.2	8.65	4.3	-2.86	17.95	0	0	0	0
9	SLU 10	31	5.2	0	4.3	-2.86	17.95	0	0	0	0
8	SLU 10	31	0.15	8.65	4.3	-2.86	17.95	0	0	0	0
7	SLU 10	31	0.15	4.33	5	2.94	17.85	0	0	0	0
2	SLV 1	1	5.2	4.33	0	-7.03	3.54	0.6	0	-3.0157	17.7078
5	SLV 3	1	0.15	4.33	0	-7.03	3.49	-0.6	0	3.0013	17.4589
1	SLV 1	1	5.2	0	0	-5.05	2.38	0.92	-0.0006	-3.9746	10.2329
3	SLV 3	1	5.2	8.65	0	-5.05	2.38	-0.92	0.0006	3.9749	10.2328
6	SLV 1	1	0.15	8.65	0	-4.97	2.3	0.95	0.0006	-4.0713	9.9006
4	SLV 3	1	0.15	0	0	-4.97	2.3	-0.95	-0.0006	4.0742	9.9004
13	SLU 1	31	5.2	4.33	5	0.03	1.01	0	0	0	0

Asta Ind.	Cont. N.br.	Pos.	Posizione			Soll.traslazionale			Soll.rotazionale		
			X	Y	Z	F1	F2	F3	M1	M2	M3
11	SLU 1	31	5.2	0	4.3	0.05	1.01	0	0	0	0
10	SLU 1	31	5.2	8.65	4.3	0.05	1.01	0	0	0	0

Sollecitazioni con taglio T3 minimo

Vengono mostrate le sole 13 aste più sollecitate.

Asta Ind.	Cont. N.br.	Pos.	Posizione			Soll.traslazionale			Soll.rotazionale		
			X	Y	Z	F1	F2	F3	M1	M2	M3
2	SLU 5	1	5.2	4.33	0	-9.58	0.03	-24.88	0	46.2236	0.1653
5	SLU 8	1	0.15	4.33	0	-25.38	-0.1	-24.88	0	46.2199	-0.4763
1	SLU 9	1	5.2	0	0	-14.15	-9.4	-16.73	-0.0004	42.9428	-20.1146
4	SLU 8	1	0.15	0	0	-14.16	-0.04	-16.71	0	42.8685	-0.1851
6	SLU 5	1	0.15	8.65	0	-7.25	-9.58	-16.68	0.0004	42.7394	-20.8838
3	SLU 4	1	5.2	8.65	0	-7.25	0.14	-16.66	0	42.6618	0.5842
9	SLU 11	31	5.2	0	4.3	-2.84	17.95	0	-0.0025	0	0
12	SLU 10	1	5.2	4.33	5	2.94	-17.85	0	0	0	0
10	SLU 2	31	5.2	8.65	4.3	0.05	1.01	0	0.0001	0	0
13	SLU 8	31	5.2	4.33	5	0.1	1.01	0	0	0	0
7	SLU 12	1	0.15	0	4.3	-0.91	-17.95	0	0	0	0
8	SLU 12	1	0.15	4.33	5	1	-17.85	0	0	0	0
11	SLU 4	1	0.15	0	4.3	-0.03	-1.01	0	0	0	0

Sollecitazioni con taglio T3 massimo

Vengono mostrate le sole 13 aste più sollecitate.

Asta Ind.	Cont. N.br.	Pos.	Posizione			Soll.traslazionale			Soll.rotazionale		
			X	Y	Z	F1	F2	F3	M1	M2	M3
5	SLU 5	31	0.15	4.33	5	-5.58	-0.03	6.39	0	0	-0.0049
2	SLU 8	31	5.2	4.33	5	-21.39	0.1	6.39	0	0	0
3	SLV 9	1	5.2	8.65	0	-4.89	-0.69	3.1	-0.0002	-13.3371	-2.9452
6	SLV 5	1	0.15	8.65	0	-4.89	0.69	3.1	0.0002	-13.3355	2.9451
1	SLV 5	1	5.2	0	0	-5.13	0.76	3.08	-0.0002	-13.2388	3.2773
4	SLV 9	1	0.15	0	0	-5.13	-0.76	3.08	0.0002	-13.2379	-3.2773
12	SLU 13	31	5.2	8.65	4.3	-4.78	17.95	0	0.0025	0	0
9	SLU 12	1	5.2	4.33	5	4.88	-17.85	0	0	0	0
10	SLU 8	1	0.15	8.65	4.3	0.21	-1.01	0	0	0	0
13	SLU 1	1	0.15	4.33	5	0.03	-1.01	0	0	0	0
8	SLU 11	31	0.15	8.65	4.3	-2.87	17.95	0	0.0025	0	0
7	SLU 11	31	0.15	4.33	5	2.92	17.85	0	-0.0025	0	0
11	SLV 5	1	0.15	0	4.3	0.06	-0.78	0	0	0	0

Sollecitazioni con momento M2 minimo

Vengono mostrate le sole 13 aste più sollecitate.

Asta Ind.	Cont. N.br.	Pos.	Posizione			Soll.traslazionale			Soll.rotazionale		
			X	Y	Z	F1	F2	F3	M1	M2	M3
3	SLV 9	1	5.2	8.65	0	-4.89	-0.69	3.1	-0.0002	-13.3371	-2.9452
6	SLV 5	1	0.15	8.65	0	-4.89	0.69	3.1	0.0002	-13.3355	2.9451
1	SLV 5	1	5.2	0	0	-5.13	0.76	3.08	-0.0002	-13.2388	3.2773
4	SLV 9	1	0.15	0	0	-5.13	-0.76	3.08	0.0002	-13.2379	-3.2773
5	SLV 5	1	0.15	4.33	0	-7.03	1.03	2.01	0	-10.0368	5.1315
2	SLV 5	1	5.2	4.33	0	-7.03	1.08	2.01	0	-10.0338	5.4153
12	SLU 10	16	5.2	6.49	4.65	0.05	0	0	0	0	19.6636
7	SLU 12	16	0.15	2.16	4.65	1.99	0	0	0	0	19.6636
8	SLU 12	16	0.15	6.49	4.65	-1.89	0	0	0	0	19.6636
11	SLU 4	31	5.2	0	4.3	-0.03	1.01	0	0	0	0
13	SLU 9	31	5.2	4.33	5	0.1	1.01	0	0	0	0
9	SLU 6	31	5.2	0	4.3	-1.57	10.11	0	-0.0041	0	0
10	SLU 2	31	5.2	8.65	4.3	0.05	1.01	0	0.0001	0	0

Sollecitazioni con momento M2 massimo

Vengono mostrate le sole 13 aste più sollecitate.

Asta Ind.	Cont. N.br.	Pos.	Posizione			Soll.traslazionale			Soll.rotazionale		
			X	Y	Z	F1	F2	F3	M1	M2	M3
2	SLU 5	1	5.2	4.33	0	-9.58	0.03	-24.88	0	46.2236	0.1653
5	SLU 8	1	0.15	4.33	0	-25.38	-0.1	-24.88	0	46.2199	-0.4763
1	SLU 9	1	5.2	0	0	-14.15	-9.4	-16.73	-0.0004	42.9428	-20.1146
4	SLU 8	1	0.15	0	0	-14.16	-0.04	-16.71	0	42.8685	-0.1851
6	SLU 5	1	0.15	8.65	0	-7.25	-9.58	-16.68	0.0004	42.7394	-20.8838
3	SLU 4	1	5.2	8.65	0	-7.25	0.14	-16.66	0	42.6618	0.5842
9	SLU 12	16	5.2	2.16	4.65	1.99	0	0	0	0	19.6636
10	SLU 8	16	2.68	8.65	4.3	0.21	0	0	0	0	1.274
13	SLU 1	16	2.68	4.33	5	0.03	0	0	0	0	1.274
11	SLV 5	31	5.2	0	4.3	0.06	0.78	0	0	0	0
12	SLU 7	31	5.2	8.65	4.3	-3.52	10.11	0	0.0041	0	0
8	SLU 2	31	0.15	8.65	4.3	-0.38	2.27	0	0.0041	0	0
7	SLV 13	31	0.15	4.33	5	0.03	1.57	0	0.0039	0	0

Sollecitazioni con momento M3 minimo

Vengono mostrate le sole 13 aste più sollecitate.

Asta Ind.	Cont. N.br.	Pos.	Posizione			Soll.traslazionale			Soll.rotazionale		
			X	Y	Z	F1	F2	F3	M1	M2	M3
6	SLU 7	1	0.15	8.65	0	-14.99	-15.91	-10	0.0007	25.6247	-34.5923
4	SLU 6	1	0.15	0	0	-14.68	-15.86	0	-0.0007	0.0139	-34.3768
1	SLU 3	1	5.2	0	0	-6.42	-15.74	-10.05	-0.0007	25.8281	-33.8233
3	SLU 2	1	5.2	8.65	0	-6.73	-15.69	0.04	0.0007	-0.1927	-33.6079
5	SLV 13	1	0.15	4.33	0	-7.03	-3.54	0.6	0	-3.0042	-17.7077
2	SLV X	1	5.2	4.33	0	0	-3.52	0	0	0.0073	-17.5781
12	SLU 11	31	5.2	8.65	4.3	-2.84	17.95	0	0.0025	0	0
7	SLU 12	31	0.15	4.33	5	4.88	17.85	0	0	0	0
9	Vento +X	31	5.2	0	4.3	2.16	0	0	0	0	0
8	SLV 5	31	0.15	8.65	4.3	0.51	1.58	0	0.0012	0	0
11	Vento +X	31	5.2	0	4.3	-0.06	0	0	0	0	0
13	CRTFP Ux-	31	5.2	4.33	5	0	0	0	0	0	0
10	Pesi	1	0.15	8.65	4.3	0.03	-0.78	0	0	0	0

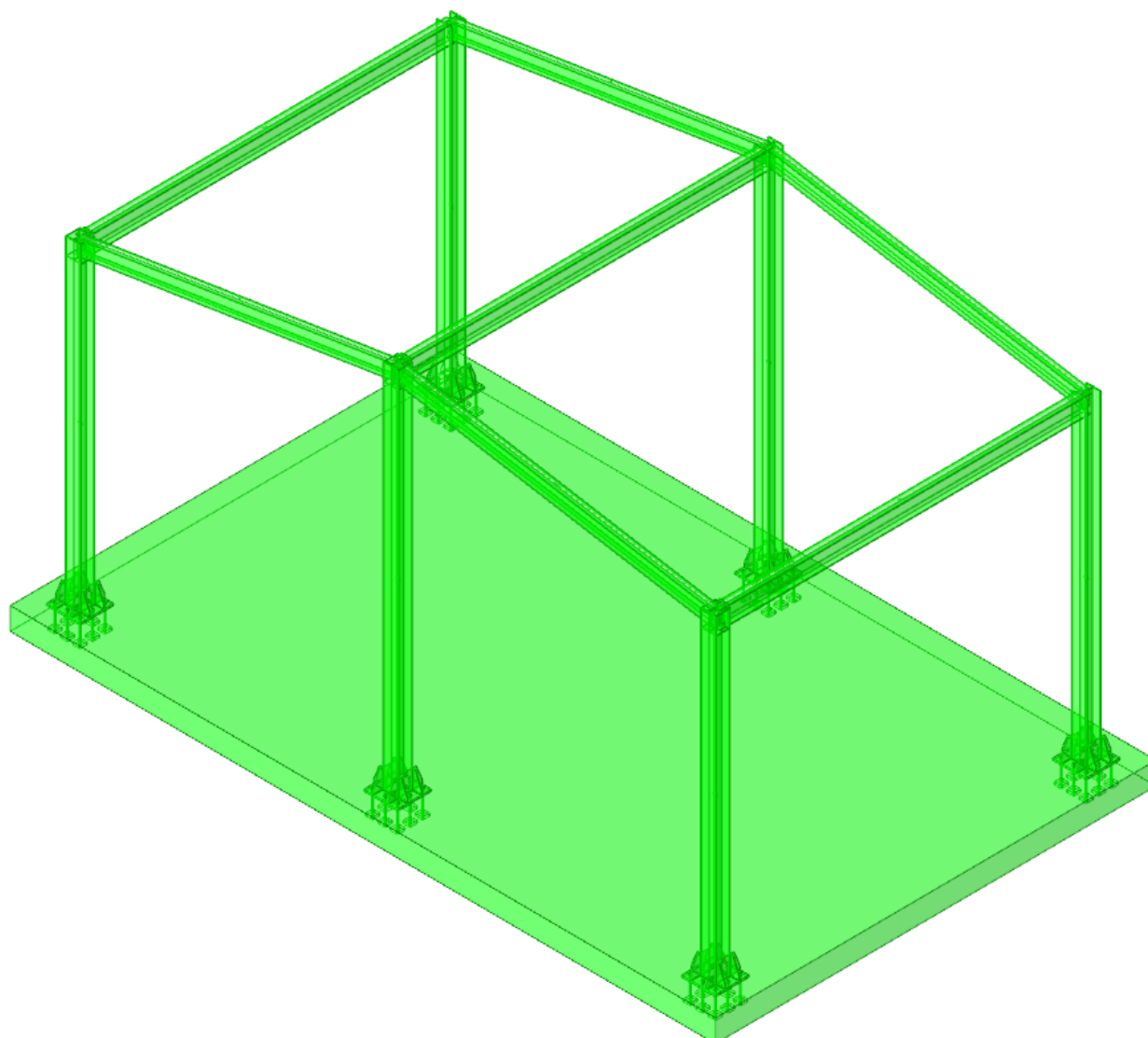
Sollecitazioni con momento M3 massimo

Vengono mostrate le sole 13 aste più sollecitate.

Asta	Cont.	Pos.	Posizione			Soll.traslazionale			Soll.rotazionale		
Ind.	N.br.		X	Y	Z	F1	F2	F3	M1	M2	M3
12	SLU 12	16	5.2	6.49	4.65	-1.89	0	0	0	0	19.6636
8	SLU 12	16	0.15	6.49	4.65	-1.89	0	0	0	0	19.6636
9	SLU 10	16	5.2	2.16	4.65	0.05	0	0	0	0	19.6636
7	SLU 10	16	0.15	2.16	4.65	0.05	0	0	0	0	19.6636
2	SLV 1	1	5.2	4.33	0	-7.03	3.54	0.6	0	-3.0157	17.7078
5	SLV 3	1	0.15	4.33	0	-7.03	3.49	-0.6	0	3.0013	17.4589
1	SLV 1	1	5.2	0	0	-5.05	2.38	0.92	-0.0006	-3.9746	10.2329
3	SLV 3	1	5.2	8.65	0	-5.05	2.38	-0.92	0.0006	3.9749	10.2328
6	SLV 1	1	0.15	8.65	0	-4.97	2.3	0.95	0.0006	-4.0713	9.9006
4	SLV 3	1	0.15	0	0	-4.97	2.3	-0.95	-0.0006	4.0742	9.9004
13	SLU 1	16	2.68	4.33	5	0.03	0	0	0	0	1.274
11	SLU 1	16	2.68	0	4.3	0.05	0	0	0	0	1.274
10	SLU 1	16	2.68	8.65	4.3	0.05	0	0	0	0	1.274

VERIFICHE

1 Rappresentazione generale delle verifiche



Verifiche
Vista assometrica dell'edificio in cui vengono evidenziati gli elementi strutturali posti a verifica.

2 Verifiche

2.1 Verifiche piastre C.A.

Le unità di misura elencate nel capitolo sono in [m, kN] ove non espressamente specificato.

Nodo: indice del nodo di verifica.

Dir.: direzione della sezione di verifica.

B: base della sezione rettangolare di verifica. [m]

H: altezza della sezione rettangolare di verifica. [m]

A. sup.: area barre armatura superiori. [m²]

C. sup.: distanza media delle barre superiori dal bordo superiore della sezione. [m]

A. inf.: area barre armatura inferiori. [m²]

C. inf.: distanza media delle barre inferiori dal bordo inferiore della sezione. [m]

Comb.: combinazione di verifica.

M: momento flettente. [kN*m]

N: sforzo normale. [kN]

Mu: momento flettente ultimo. [kN*m]

Nu: sforzo normale ultimo. [kN]

c.s.: coefficiente di sicurezza.

Verifica: stato di verifica.

A. st.: area staffe su interasse. [m]

A. sag.: area sagomati su interasse. [m]

Ved: taglio agente. [kN]

Vrd: taglio resistente. [kN]

Vrdc: resistenza di calcolo a taglio per elementi privi di armature trasversali. [kN]

Vrzd: resistenza di calcolo a taglio trazione. [kN]

Vrcd: resistenza di calcolo a taglio compressione. [kN]

cotgθ: cotangente dell'inclinazione dei puntoni di calcestruzzo rispetto all'asse dell'elemento.

Asl: area longitudinale tesa nella combinazione di verifica di Ved. [m²]

σc: tensione nel calcestruzzo. [kN/m²]

σlim: tensione limite. [kN/m²]

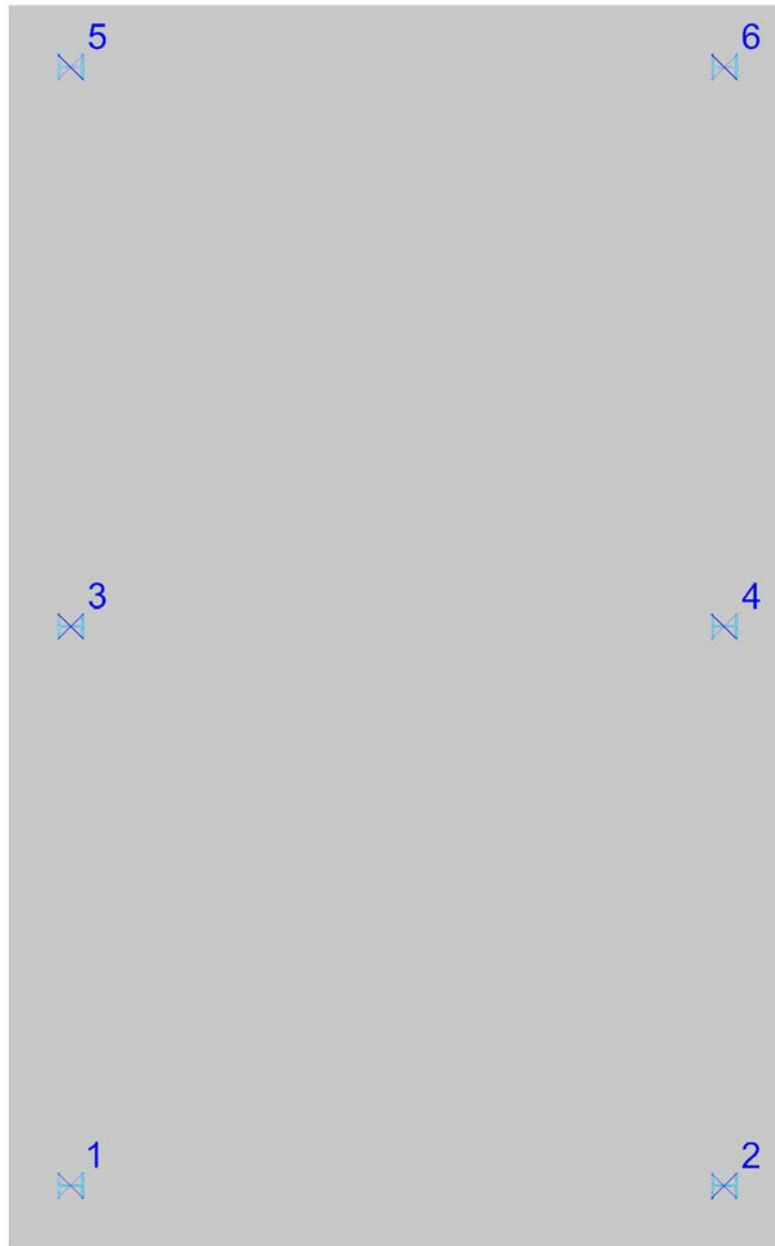
Es/Ec: coefficiente di omogenizzazione.

σf: tensione nell'acciaio d'armatura. [kN/m²]

Platea di fondazione

Verifiche condotte secondo D.M. 17-01-18 (N.T.C.)

Geometria



Caratteristiche dei materiali

Acciaio: B450C Fyk 450000
Calcestruzzo: C28/35 Rck 35000

Sistema di riferimento e direzioni di armatura

Le coordinate citate nel seguito sono espresse in un sistema di riferimento cartesiano con origine in (-0.325; -0.475; 0), direzione dell'asse X = (0.01; 0; 0), direzione dell'asse Y = (0; 0.01; 0).

Le direzioni X/Y di armatura e le sezioni X/Y di verifica sono individuate dagli assi del sistema di riferimento.

Verifiche nei nodi

Verifiche SLU flessione nei nodi

La struttura è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione, per le combinazioni SLV, viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Nodo	Dir.	B	H	A. sup.	C. sup.	A. inf.	C. inf.	Comb.	M	N	Mu	Nu	c.s.	Verifica
27	X	0.5	0.3	0.000283	0.058	0.000283	0.058	SLU 7	23.2577	0	28.6306	0	1.231	Si
250	Y	0.5	0.3	0.000283	0.046	0.000283	0.046	SLU 9	22.9634	0	28.5366	0	1.2427	Si
236	X	0.5	0.3	0.000283	0.058	0.000283	0.058	SLU 3	-21.5858	0	-28.6306	0	1.3264	Si
13	Y	0.5	0.3	0.000283	0.046	0.000283	0.046	SLU 5	-20.8168	0	-28.5366	0	1.3708	Si
26	X	0.5	0.3	0.000283	0.058	0.000283	0.058	SLU 8	18.1574	0	28.6306	0	1.5768	Si
237	X	0.5	0.3	0.000283	0.058	0.000283	0.058	SLU 4	-16.989	0	-28.6306	0	1.6852	Si
17	X	1	0.3	0.000565	0.058	0.000565	0.058	SLU 9	32.1493	0	57.6549	0	1.7933	Si
224	X	0.5	0.3	0.000283	0.058	0.000283	0.058	SLU 9	-15.8978	0	-28.6306	0	1.8009	Si
246	X	1	0.3	0.000565	0.058	0.000565	0.058	SLU 5	-31.5548	0	-57.6549	0	1.8271	Si
139	X	0.5	0.3	0.000283	0.058	0.000283	0.058	SLU 8	15.306	0	28.6306	0	1.8705	Si
3	Y	0.5	0.3	0.000283	0.046	0.000283	0.046	SLU 6	14.684	0	28.5366	0	1.9434	Si

Nodo	Dir.	B	H	A. sup.	C. sup.	A. inf.	C. inf.	Comb.	M	N	Mu	Nu	c.s.	Verifica
39	X	0.5	0.3	0.000283	0.058	0.000283	0.058	SLU 5	14.6195	0	28.6306	0	1.9584	Si
235	X	0.992	0.3	0.000561	0.058	0.000561	0.058	SLU 9	-28.1013	0	-57.1387	0	2.0333	Si
259	Y	0.5	0.3	0.000283	0.046	0.000283	0.046	SLU 7	-13.88	0	-28.5366	0	2.0566	Si
28	Y	1	0.3	0.000565	0.046	0.000565	0.046	SLU 5	28.0043	0	57.7568	0	2.0624	Si
235	Y	1	0.3	0.000565	0.046	0.000565	0.046	SLU 5	-27.9079	0	-57.7568	0	2.0695	Si
18	X	1	0.3	0.000565	0.058	0.000565	0.058	SLU 8	27.1822	0	57.6549	0	2.1211	Si
223	X	0.5	0.3	0.000283	0.058	0.000283	0.058	SLU 8	-13.2351	0	-28.6306	0	2.1632	Si
245	X	1	0.3	0.000565	0.058	0.000565	0.058	SLU 4	-26.6318	0	-57.6549	0	2.1649	Si
260	Y	0.5	0.3	0.000283	0.046	0.000283	0.046	SLU 2	-13.1758	0	-28.5366	0	2.1658	Si
124	X	0.5	0.3	0.000283	0.058	0.000283	0.058	SLU 4	-12.7629	0	-28.6306	0	2.2433	Si
4	Y	0.5	0.3	0.000283	0.046	0.000283	0.046	SLU 3	12.6618	0	28.5366	0	2.2538	Si
28	X	0.992	0.3	0.000561	0.058	0.000561	0.058	SLU 5	25.2301	0	57.1388	0	2.2647	Si
246	Y	0.996	0.3	0.000563	0.046	0.000563	0.046	SLU 7	-25.2964	0	-57.4791	0	2.2722	Si
247	X	0.975	0.3	0.000551	0.058	0.000551	0.058	SLU 8	24.6091	0	56.0394	0	2.2772	Si
248	X	0.975	0.3	0.000551	0.058	0.000551	0.058	SLU 8	24.6036	0	56.0394	0	2.2777	Si
260	Y	0.5	0.3	0.000283	0.046	0.000283	0.046	SLU 8	12.3264	0	28.5366	0	2.3151	Si
40	X	0.5	0.3	0.000283	0.058	0.000283	0.058	SLU 4	11.9606	0	28.6306	0	2.3937	Si
16	X	0.975	0.3	0.000551	0.058	0.000551	0.058	SLU 4	-22.7972	0	-56.0394	0	2.4582	Si
15	X	0.975	0.3	0.000551	0.058	0.000551	0.058	SLU 4	-22.7965	0	-56.0394	0	2.4582	Si
233	X	1	0.3	0.000565	0.058	0.000565	0.058	SLU 9	-22.7325	0	-57.6549	0	2.5362	Si
17	Y	0.996	0.3	0.000563	0.046	0.000563	0.046	SLU 3	22.4559	0	57.4791	0	2.5596	Si
234	X	0.992	0.3	0.000561	0.058	0.000561	0.058	SLU 8	-22.2447	0	-57.1388	0	2.5687	Si
211	X	0.5	0.3	0.000283	0.058	0.000283	0.058	SLU 9	-11.0047	0	-28.6306	0	2.6017	Si
234	Y	1	0.3	0.000565	0.046	0.000565	0.046	SLU 6	21.3859	0	57.7568	0	2.7007	Si
232	X	1	0.3	0.000565	0.058	0.000565	0.058	SLU 9	-21.3334	0	-57.6549	0	2.7026	Si
12	Y	0.5	0.3	0.000283	0.046	0.000283	0.046	SLU 6	-10.5443	0	-28.5366	0	2.7064	Si
138	X	0.5	0.3	0.000283	0.058	0.000283	0.058	SLU 9	10.4779	0	28.6306	0	2.7325	Si
3	Y	0.5	0.3	0.000283	0.046	0.000283	0.046	SLU 4	-10.3387	0	-28.5366	0	2.7602	Si
29	X	0.992	0.3	0.000561	0.058	0.000561	0.058	SLU 5	20.5221	0	57.1387	0	2.7843	Si
258	Y	0.5	0.3	0.000283	0.046	0.000283	0.046	SLU 9	-10.2172	0	-28.5366	0	2.793	Si
29	Y	1	0.3	0.000565	0.046	0.000565	0.046	SLU 2	-20.668	0	-57.7568	0	2.7945	Si
248	Y	0.975	0.3	0.000551	0.046	0.000551	0.046	SLU 6	19.5863	0	56.1831	0	2.8685	Si
16	Y	0.975	0.3	0.000551	0.046	0.000551	0.046	SLU 6	19.5834	0	56.1831	0	2.8689	Si
222	X	0.997	0.3	0.000564	0.058	0.000564	0.058	SLU 9	-19.9633	0	-57.4873	0	2.8796	Si
237	X	0.5	0.3	0.000283	0.058	0.000283	0.058	SLU 6	9.8375	0	28.6306	0	2.9104	Si
30	X	1	0.3	0.000565	0.058	0.000565	0.058	SLU 5	19.3697	0	57.6549	0	2.9765	Si
233	Y	1	0.3	0.000565	0.046	0.000565	0.046	SLU 7	-19.2292	0	-57.7568	0	3.0036	Si
133	X	1	0.3	0.000565	0.058	0.000565	0.058	SLU 9	18.9998	0	57.6549	0	3.0345	Si
251	Y	0.5	0.3	0.000283	0.046	0.000283	0.046	SLU 2	9.3301	0	28.5366	0	3.0586	Si

Verifiche SLD Resistenza flessione nei nodi

La struttura è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Nodo	Dir.	B	H	A. sup.	C. sup.	A. inf.	C. inf.	Comb.	M	N	Mu	Nu	c.s.	Verifica
119	Y	1	0.3	0.000565	0.046	0.000565	0.046	SLD 13	7.0701	0	51.7867	0	7.3248	Si
144	Y	1	0.3	0.000565	0.046	0.000565	0.046	SLD 3	7.0696	0	51.7867	0	7.3253	Si
26	X	0.5	0.3	0.000283	0.058	0.000283	0.058	SLD 7	2.8716	0	23.4236	0	8.1569	Si
237	X	0.5	0.3	0.000283	0.058	0.000283	0.058	SLD 9	2.8715	0	23.4236	0	8.1574	Si
236	X	0.5	0.3	0.000283	0.058	0.000283	0.058	SLD 5	2.8706	0	23.4236	0	8.1598	Si
27	X	0.5	0.3	0.000283	0.058	0.000283	0.058	SLD 11	2.8695	0	23.4236	0	8.1629	Si
260	Y	0.5	0.3	0.000283	0.046	0.000283	0.046	SLD 7	2.6658	0	24.5763	0	9.2192	Si
250	Y	0.5	0.3	0.000283	0.046	0.000283	0.046	SLD 11	2.6658	0	24.5763	0	9.2193	Si
3	Y	0.5	0.3	0.000283	0.046	0.000283	0.046	SLD 9	2.6649	0	24.5763	0	9.2222	Si
13	Y	0.5	0.3	0.000283	0.046	0.000283	0.046	SLD 5	2.6643	0	24.5763	0	9.2245	Si
27	X	0.5	0.3	0.000283	0.058	0.000283	0.058	SLD 5	-2.287	0	-23.4236	0	10.2419	Si
236	X	0.5	0.3	0.000283	0.058	0.000283	0.058	SLD 11	-2.2854	0	-23.4236	0	10.2492	Si
237	X	0.5	0.3	0.000283	0.058	0.000283	0.058	SLD 7	-2.2848	0	-23.4236	0	10.2519	Si
26	X	0.5	0.3	0.000283	0.058	0.000283	0.058	SLD 9	-2.2842	0	-23.4236	0	10.2546	Si
138	X	0.5	0.3	0.000283	0.058	0.000283	0.058	SLD 3	2.1898	0	23.4236	0	10.6966	Si
125	X	0.5	0.3	0.000283	0.058	0.000283	0.058	SLD 13	2.1886	0	23.4236	0	10.7026	Si
119	Y	1	0.3	0.000565	0.046	0.000565	0.046	SLD 3	-4.8092	0	-51.7867	0	10.7682	Si
144	Y	1	0.3	0.000565	0.046	0.000565	0.046	SLD 13	-4.8061	0	-51.7867	0	10.7752	Si
223	X	0.5	0.3	0.000283	0.058	0.000283	0.058	SLD 7	-2.1544	0	-23.4236	0	10.8726	Si
224	X	0.5	0.3	0.000283	0.058	0.000283	0.058	SLD 11	-2.1518	0	-23.4236	0	10.8858	Si
40	X	0.5	0.3	0.000283	0.058	0.000283	0.058	SLD 9	-2.1516	0	-23.4236	0	10.8868	Si
39	X	0.5	0.3	0.000283	0.058	0.000283	0.058	SLD 5	-2.1515	0	-23.4236	0	10.8873	Si
124	X	0.5	0.3	0.000283	0.058	0.000283	0.058	SLD 1	2.0374	0	23.4236	0	11.4969	Si
139	X	0.5	0.3	0.000283	0.058	0.000283	0.058	SLD 15	2.0326	0	23.4236	0	11.5238	Si
17	X	1	0.3	0.000565	0.058	0.000565	0.058	SLD 11	4.0793	0	49.5036	0	12.1354	Si
246	X	1	0.3	0.000565	0.058	0.000565	0.058	SLD 5	4.0783	0	49.5036	0	12.1383	Si
18	X	1	0.3	0.000565	0.058	0.000565	0.058	SLD 7	4.0782	0	49.5036	0	12.1387	Si
245	X	1	0.3	0.000565	0.058	0.000565	0.058	SLD 9	4.0781	0	49.5036	0	12.139	Si
234	X	0.992	0.3	0.000561	0.058	0.000561	0.058	SLD 7	-3.8128	0	-49.0009	0	12.8515	Si
28	X	0.992	0.3	0.000561	0.058	0.000561	0.058	SLD 5	-3.8072	0	-49.0009	0	12.8707	Si
235	X	0.992	0.3	0.000561	0.058	0.000561	0.058	SLD 11	-3.8065	0	-49.0008	0	12.8729	Si
29	X	0.992	0.3	0.000561	0.058	0.000561	0.058	SLD 9	-3.806	0	-49.0008	0	12.8746	Si
245	X	1	0.3	0.000565	0.058	0.000565	0.058	SLD 7	-3.8248	0	-49.5036	0	12.9427	Si
18	X	1	0.3	0.000565	0.058	0.000565	0.058	SLD 9	-3.8246	0	-49.5036	0	12.9435	Si
246	X	1	0.3	0.000565	0.058	0.000565	0.058	SLD 11	-3.8246	0	-49.5036	0	12.9435	Si
17	X	1	0.3	0.000565	0.058	0.000565	0.058	SLD 5	-3.8234	0	-49.5036	0	12.9475	Si
247	X	0.975	0.3	0.000551	0.058	0.000551	0.058	SLD 7	3.6508	0	47.9175	0	13.1253	Si
15	X	0.975	0.3	0.000551	0.058	0.000551	0.058	SLD 5	3.6503	0	47.9175	0	13.1269	Si
248	X	0.975	0.3	0.000551	0.058	0.000551	0.058	SLD 11	3.6476	0	47.9175	0	13.1367	Si
16	X	0.975	0.3	0.000551	0.058	0.000551	0.058	SLD 9	3.646	0	47.9175	0	13.1423	Si
251	Y	0.5	0.3	0.000283	0.046	0.000283	0.046	SLD 3	-1.7763	0	-24.5763	0	13.8356	Si
259	Y	0.5	0.3	0.000283	0.046	0.000283	0.046	SLD 15	-1.7754	0	-24.5763	0	13.8429	Si
4	Y	0.5	0.3	0.000283	0.046	0.000283	0.046	SLD 1	-1.7754	0	-24.5763	0	13.843	Si
12	Y	0.5	0.3	0.000283	0.046	0.000283	0.046	SLD 13	-1.7742	0	-24.5763	0	13.8522	Si
210	X	0.5	0.3	0.000283	0.058	0.000283	0.058	SLD 7	-1.6765	0				

Nodo	Dir.	B	H	A. sup.	C. sup.	A. inf.	C. inf.	A. st.	A. sag.	Comb.	Ved	N	Vrd	Vrdc	Vrsd	Vrcd	cotgθ	Asl	c.s.	Verifica
250	Y	0.5	0.3	0.000283	0.046	0.000283	0.046	0	0	SLU 9	-39.15	0	62.12	62.12	0	324.41	2.5	0.0002827	1.5869	Si
2	Y	0.5	0.3	0.000283	0.046	0.000283	0.046	0	0	SLU 5	-36.23	0	62.12	62.12	0	324.41	2.5	0.0002827	1.7147	Si
260	Y	0.5	0.3	0.000283	0.046	0.000283	0.046	0	0	SLU 8	36.03	0	62.12	62.12	0	324.41	2.5	0.0002827	1.724	Si
261	X	0.5	0.3	0.000283	0.058	0.000283	0.058	0	0	SLU 7	-34.37	0	60.21	60.21	0	309.08	2.5	0.0002827	1.7516	Si
249	Y	0.5	0.3	0.000283	0.046	0.000283	0.046	0	0	SLU 8	34.38	0	62.12	62.12	0	324.41	2.5	0.0002827	1.8069	Si
13	Y	0.5	0.3	0.000283	0.046	0.000283	0.046	0	0	SLU 5	-34.02	0	62.12	62.12	0	324.41	2.5	0.0002827	1.8258	Si
27	X	0.5	0.3	0.000283	0.058	0.000283	0.058	0	0	SLU 7	-32.05	0	60.21	60.21	0	309.08	2.5	0.0002827	1.8787	Si
2	X	0.5	0.3	0.000283	0.058	0.000283	0.058	0	0	SLU 3	-31.52	0	60.21	60.21	0	309.08	2.5	0.0002827	1.9102	Si
3	Y	0.5	0.3	0.000283	0.046	0.000283	0.046	0	0	SLU 4	31.25	0	62.12	62.12	0	324.41	2.5	0.0002827	1.9878	Si
14	Y	0.5	0.3	0.000283	0.046	0.000283	0.046	0	0	SLU 4	31.24	0	62.12	62.12	0	324.41	2.5	0.0002827	1.9882	Si
237	X	0.5	0.3	0.000283	0.058	0.000283	0.058	0	0	SLU 6	28.34	0	60.21	60.21	0	309.08	2.5	0.0002827	2.1247	Si
14	X	0.5	0.3	0.000283	0.058	0.000283	0.058	0	0	SLU 6	27.99	0	60.21	60.21	0	309.08	2.5	0.0002827	2.1511	Si
236	X	0.5	0.3	0.000283	0.058	0.000283	0.058	0	0	SLU 3	-27.6	0	60.21	60.21	0	309.08	2.5	0.0002827	2.1812	Si
143	X	1	0.3	0.000565	0.058	0.000565	0.058	0	0	SLU 9	-54.16	0	120.42	120.42	0	618.16	2.5	0.0005655	2.2232	Si
248	X	0.975	0.3	0.000551	0.058	0.000551	0.058	0	0	SLU 9	-52.19	0	117.41	117.41	0	602.71	2.5	0.0005513	2.2498	Si
247	X	0.975	0.3	0.000551	0.058	0.000551	0.058	0	0	SLU 9	-49.56	0	117.41	117.41	0	602.71	2.5	0.0005513	2.3691	Si
249	X	0.5	0.3	0.000283	0.058	0.000283	0.058	0	0	SLU 2	25.14	0	60.21	60.21	0	309.08	2.5	0.0002827	2.3951	Si
15	X	0.975	0.3	0.000551	0.058	0.000551	0.058	0	0	SLU 5	-48.14	0	117.41	117.41	0	602.71	2.5	0.0005513	2.439	Si
28	X	0.992	0.3	0.000561	0.058	0.000561	0.058	0	0	SLU 9	-48.27	0	119.46	119.46	0	613.22	2.5	0.000561	2.4746	Si
26	X	0.5	0.3	0.000283	0.058	0.000283	0.058	0	0	SLU 2	24.08	0	60.21	60.21	0	309.08	2.5	0.0002827	2.5004	Si
29	X	0.992	0.3	0.000561	0.058	0.000561	0.058	0	0	SLU 9	-47.24	0	119.46	119.46	0	613.22	2.5	0.000561	2.5289	Si
250	X	1	0.3	0.000565	0.058	0.000565	0.058	0	0	SLU 9	-47.29	0	120.42	120.42	0	618.16	2.5	0.0005655	2.5463	Si
260	X	1	0.3	0.000565	0.058	0.000565	0.058	0	0	SLU 9	-47.18	0	120.42	120.42	0	618.16	2.5	0.0005655	2.5521	Si
16	X	0.975	0.3	0.000551	0.058	0.000551	0.058	0	0	SLU 5	-45.69	0	117.41	117.41	0	602.71	2.5	0.0005513	2.5698	Si
138	Y	1	0.3	0.000565	0.046	0.000565	0.046	0	0	SLU 9	46.59	0	124.24	124.24	0	648.82	2.5	0.0005655	2.6665	Si
26	X	0.5	0.3	0.000283	0.058	0.000283	0.058	0	0	SLU 8	-22.31	0	60.21	60.21	0	309.08	2.5	0.0002827	2.6985	Si
120	X	1	0.3	0.000565	0.058	0.000565	0.058	0	0	SLU 4	-44.37	0	120.42	120.42	0	618.16	2.5	0.0005655	2.7139	Si
248	Y	0.975	0.3	0.000551	0.046	0.000551	0.046	0	0	SLU 7	-43.76	0	121.13	121.13	0	632.6	2.5	0.0005513	2.7681	Si
249	X	0.5	0.3	0.000283	0.058	0.000283	0.058	0	0	SLU 8	-21.74	0	60.21	60.21	0	309.08	2.5	0.0002827	2.7699	Si
13	X	1	0.3	0.000565	0.058	0.000565	0.058	0	0	SLU 5	-43.32	0	120.42	120.42	0	618.16	2.5	0.0005655	2.7798	Si
3	X	1	0.3	0.000565	0.058	0.000565	0.058	0	0	SLU 5	-43.05	0	120.42	120.42	0	618.16	2.5	0.0005655	2.7972	Si
245	Y	0.996	0.3	0.000563	0.046	0.000563	0.046	0	0	SLU 9	-43.72	0	123.69	123.69	0	645.95	2.5	0.000563	2.8293	Si
151	Y	1	0.3	0.000565	0.046	0.000565	0.046	0	0	SLU 9	43.33	0	124.24	124.24	0	648.82	2.5	0.0005655	2.8671	Si
235	X	0.992	0.3	0.000561	0.058	0.000561	0.058	0	0	SLU 5	-41.65	0	119.46	119.46	0	613.22	2.5	0.000561	2.8683	Si
17	Y	0.996	0.3	0.000563	0.046	0.000563	0.046	0	0	SLU 7	-42.41	0	123.69	123.69	0	645.95	2.5	0.000563	2.9163	Si
234	X	0.992	0.3	0.000561	0.058	0.000561	0.058	0	0	SLU 5	-40.57	0	119.46	119.46	0	613.22	2.5	0.000561	2.9446	Si
125	Y	1	0.3	0.000565	0.046	0.000565	0.046	0	0	SLU 5	41.65	0	124.24	124.24	0	648.82	2.5	0.0005655	2.9827	Si
16	Y	0.975	0.3	0.000551	0.046	0.000551	0.046	0	0	SLU 7	-40.25	0	121.13	121.13	0	632.6	2.5	0.0005513	3.0094	Si
15	Y	0.975	0.3	0.000551	0.046	0.000551	0.046	0	0	SLU 3	-40.07	0	121.13	121.13	0	632.6	2.5	0.0005513	3.023	Si
14	X	0.5	0.3	0.000283	0.058	0.000283	0.058	0	0	SLU 4	-19.86	0	60.21	60.21	0	309.08	2.5	0.0002827	3.0311	Si
112	Y	1	0.3	0.000565	0.046	0.000565	0.046	0	0	SLU 5	40.48	0	124.24	124.24	0	648.82	2.5	0.0005655	3.0691	Si
27	Y	1	0.3	0.000565	0.046	0.000565	0.046	0	0	SLU 7	-40.29	0	124.24	124.24	0	648.82	2.5	0.0005655	3.0832	Si
237	Y	1	0.3	0.000565	0.046	0.000565	0.046	0	0	SLU 9	-39.91	0	124.24	124.24	0	648.82	2.5	0.0005655	3.1129	Si
237	X	0.5	0.3	0.000283	0.058	0.000283	0.058	0	0	SLU 4	-19.25	0	60.21	60.21	0	309.08	2.5	0.0002827	3.1271	Si
3	Y	0.5	0.3	0.000283	0.046	0.000283	0.046	0	0	SLU 6	-19.25	0	62.12	62.12	0	324.41	2.5	0.0002827	3.2266	Si
247	Y	0.975	0.3	0.000551	0.046	0.000551	0.046	0	0	SLU 3	-37.21	0	121.13	121.13	0	632.6	2.5	0.0005513	3.2553	Si
246	Y	0.996	0.3	0.000563	0.046	0.000563	0.046	0	0	SLU 8	37.71	0	123.69	123.69	0	645.95	2.5	0.000563	3.2804	Si

Verifiche SLD Resistenza taglio nei nodi

Nodo	Dir.	B	H	A. sup.	C. sup.	A. inf.	C. inf.	A. st.	A. sag.	Comb.	Ved	N	Vrd	Vrdc	Vrsd	Vrcd	cotgθ	Asl	c.s.	Verifica
139	X	0.5	0.3	0.000283	0.058	0.000283	0.058	0	0	SLD 15	-8.73	0	78.73	78.73	0	309.08	2.5	0.0002827	9.0227	Si
124	X	0.5	0.3	0.000283	0.058	0.000283	0.058	0	0	SLD 1	8.71	0	78.73	78.73	0	309.08	2.5	0.0002827	9.0435	Si
138	X	0.5	0.3	0.000283	0.058	0.000283	0.058	0	0	SLD 1	-7.48	0	78.73	78.73	0	309.08	2.5	0.0002827	10.5313	Si
125	X	0.5	0.3	0.000283	0.058	0.000283	0.058	0	0	SLD 15	7.46	0	78.73	78.73	0	309.08	2.5	0.0002827	10.5525	Si
125	X	0.5	0.3	0.000283	0.058	0.000283	0.058	0	0	SLD 1	-5.63	0	78.73	78.73	0	309.08	2.5	0.0002827	13.9789	Si
138	X	0.5	0.3	0.000283	0.058	0.000283	0.058	0	0	SLD 15	5.62	0	78.73	78.73	0	309.08	2.5	0.0002827	14.0008	Si
3	Y	0.5	0.3	0.000283	0.046	0.000283	0.046	0	0	SLD 9	-5.72	0	80.39	80.39	0	324.41	2.5	0.0002827	14.0427	Si
250	Y	0.5	0.3	0.000283	0.046	0.000283	0.046	0	0	SLD 11	-5.72	0	80.39	80.39	0	324.41	2.5	0.0002827	14.0443	Si
260	Y	0.5	0.3	0.000283	0.046	0.000283	0.046	0	0	SLD 7	5.72	0	80.39	80.39	0	324.41	2.5	0.0002827	14.0454	Si
13	Y	0.5	0.3	0.000283	0.046	0.000283	0.046	0	0	SLD 5	5.72	0	80.39	80.39	0	324.41	2.5	0.0002827	14.0541	Si
125	Y	1	0.3	0.000565	0.046	0.000565	0.046	0	0	SLD 13	-11.23	0	160.77	160.77	0	648.82	2.5	0.0005655	14.3158	Si
138	Y	1	0.3	0.000565	0.046	0.000565	0.046	0	0	SLD 3	11.21	0	160.77	160.77	0	648.82	2.5	0.0005655	14.3465	Si
124	X	0.5	0.3	0.000283	0.058	0.000283	0.058	0	0	SLD 15	-5.45	0	78.73	78.73	0	309.08	2.5	0.0002827	14.4373	Si
139	X	0.5	0.3	0.000283	0.058	0.000283	0.058	0	0	SLD 1	5.44	0	78.73	78.73	0	309.08	2.5	0.0002827	14.4811	Si
130	Y	1	0.3	0.000565																

Verifiche SLE tensione calcestruzzo nei nodi

Nodo	Dir.	B	H	A. sup.	C. sup.	A. inf.	C. inf.	Comb.	M	N	oc	olim	Es/Ec	Verifica
27	X	0.5	0.3	0.000283	0.058	0.000283	0.058	SLE RA 7	15.5472	0	-1949	17430	15	Si
250	Y	0.5	0.3	0.000283	0.046	0.000283	0.046	SLE RA 9	15.3613	0	-1894	17430	15	Si
236	X	0.5	0.3	0.000283	0.058	0.000283	0.058	SLE RA 3	-14.3479	0	-1798	17430	15	Si
13	Y	0.5	0.3	0.000283	0.046	0.000283	0.046	SLE RA 5	-13.8259	0	-1704	17430	15	Si
26	X	0.5	0.3	0.000283	0.058	0.000283	0.058	SLE RA 8	12.1345	0	-1521	17430	15	Si
237	X	0.5	0.3	0.000283	0.058	0.000283	0.058	SLE RA 4	-11.297	0	-1416	17430	15	Si
17	X	1	0.3	0.000565	0.058	0.000565	0.058	SLE RA 9	21.4468	0	-1344	17430	15	Si
224	X	0.5	0.3	0.000283	0.058	0.000283	0.058	SLE RA 9	-10.6301	0	-1332	17430	15	Si
246	X	1	0.3	0.000565	0.058	0.000565	0.058	SLE RA 5	-21.0233	0	-1317	17430	15	Si
139	X	0.5	0.3	0.000283	0.058	0.000283	0.058	SLE RA 8	10.2379	0	-1283	17430	15	Si
39	X	0.5	0.3	0.000283	0.058	0.000283	0.058	SLE RA 5	9.7149	0	-1218	17430	15	Si
3	Y	0.5	0.3	0.000283	0.046	0.000283	0.046	SLE RA 6	9.8258	0	-1211	17430	15	Si
235	X	0.992	0.3	0.000561	0.058	0.000561	0.058	SLE RA 9	-18.8057	0	-1188	17430	15	Si
28	Y	1	0.3	0.000565	0.046	0.000565	0.046	SLE RA 5	18.6718	0	-1151	17430	15	Si
235	Y	1	0.3	0.000565	0.046	0.000565	0.046	SLE RA 5	-18.6031	0	-1147	17430	15	Si
259	Y	0.5	0.3	0.000283	0.046	0.000283	0.046	SLE RA 7	-9.2838	0	-1145	17430	15	Si
18	X	1	0.3	0.000565	0.058	0.000565	0.058	SLE RA 8	18.1344	0	-1136	17430	15	Si
245	X	1	0.3	0.000565	0.058	0.000565	0.058	SLE RA 4	-17.7426	0	-1112	17430	15	Si
223	X	0.5	0.3	0.000283	0.058	0.000283	0.058	SLE RA 8	-8.8553	0	-1110	17430	15	Si
260	Y	0.5	0.3	0.000283	0.046	0.000283	0.046	SLE RA 2	-8.7482	0	-1078	17430	15	Si
124	X	0.5	0.3	0.000283	0.058	0.000283	0.058	SLE RA 4	-8.475	0	-1062	17430	15	Si
28	X	0.992	0.3	0.000561	0.058	0.000561	0.058	SLE RA 5	16.7485	0	-1058	17430	15	Si
247	X	0.975	0.3	0.000551	0.058	0.000551	0.058	SLE RA 8	16.4513	0	-1057	17430	15	Si
248	X	0.975	0.3	0.000551	0.058	0.000551	0.058	SLE RA 8	16.4473	0	-1057	17430	15	Si
246	Y	0.996	0.3	0.000563	0.046	0.000563	0.046	SLE RA 7	-16.9355	0	-1049	17430	15	Si
4	Y	0.5	0.3	0.000283	0.046	0.000283	0.046	SLE RA 3	8.4108	0	-1037	17430	15	Si
260	Y	0.5	0.3	0.000283	0.046	0.000283	0.046	SLE RA 8	8.2666	0	-1019	17430	15	Si
40	X	0.5	0.3	0.000283	0.058	0.000283	0.058	SLE RA 4	7.9429	0	-996	17430	15	Si
16	X	0.975	0.3	0.000551	0.058	0.000551	0.058	SLE RA 4	-15.1544	0	-974	17430	15	Si
15	X	0.975	0.3	0.000551	0.058	0.000551	0.058	SLE RA 4	-15.1535	0	-974	17430	15	Si
233	X	1	0.3	0.000565	0.058	0.000565	0.058	SLE RA 9	-15.2391	0	-955	17430	15	Si
234	X	0.992	0.3	0.000561	0.058	0.000561	0.058	SLE RA 8	-14.9019	0	-941	17430	15	Si
211	X	0.5	0.3	0.000283	0.058	0.000283	0.058	SLE RA 9	-7.3961	0	-927	17430	15	Si
17	Y	0.996	0.3	0.000563	0.046	0.000563	0.046	SLE RA 3	14.8992	0	-922	17430	15	Si
232	X	1	0.3	0.000565	0.058	0.000565	0.058	SLE RA 9	-14.2962	0	-896	17430	15	Si
234	Y	1	0.3	0.000565	0.046	0.000565	0.046	SLE RA 6	14.2736	0	-880	17430	15	Si
138	X	0.5	0.3	0.000283	0.058	0.000283	0.058	SLE RA 9	7.0125	0	-879	17430	15	Si
12	Y	0.5	0.3	0.000283	0.046	0.000283	0.046	SLE RA 6	-7.0598	0	-870	17430	15	Si
29	X	0.992	0.3	0.000561	0.058	0.000561	0.058	SLE RA 5	13.6511	0	-862	17430	15	Si
29	Y	1	0.3	0.000565	0.046	0.000565	0.046	SLE RA 2	-13.7634	0	-848	17430	15	Si
258	Y	0.5	0.3	0.000283	0.046	0.000283	0.046	SLE RA 9	-6.8735	0	-847	17430	15	Si
3	Y	0.5	0.3	0.000283	0.046	0.000283	0.046	SLE RA 4	-6.845	0	-844	17430	15	Si
222	X	0.997	0.3	0.000564	0.058	0.000564	0.058	SLE RA 9	-13.428	0	-844	17430	15	Si
248	Y	0.975	0.3	0.000551	0.046	0.000551	0.046	SLE RA 6	13.0969	0	-828	17430	15	Si
16	Y	0.975	0.3	0.000551	0.046	0.000551	0.046	SLE RA 6	13.0947	0	-828	17430	15	Si
237	X	0.5	0.3	0.000283	0.058	0.000283	0.058	SLE RA 6	6.5991	0	-827	17430	15	Si
30	X	1	0.3	0.000565	0.058	0.000565	0.058	SLE RA 5	12.8229	0	-804	17430	15	Si
133	X	1	0.3	0.000565	0.058	0.000565	0.058	SLE RA 9	12.7246	0	-797	17430	15	Si
233	Y	1	0.3	0.000565	0.046	0.000565	0.046	SLE RA 7	-12.9015	0	-795	17430	15	Si
144	X	0.992	0.3	0.000561	0.058	0.000561	0.058	SLE RA 8	12.2819	0	-776	17430	15	Si

Verifiche SLE tensione acciaio nei nodi

Nodo	Dir.	B	H	A. sup.	C. sup.	A. inf.	C. inf.	Comb.	M	N	of	olim	Es/Ec	Verifica
250	Y	0.5	0.3	0.000283	0.046	0.000283	0.046	SLE RA 9	15.3613	0	19695	360000	15	Si
27	X	0.5	0.3	0.000283	0.058	0.000283	0.058	SLE RA 7	15.5472	0	17927	360000	15	Si
13	Y	0.5	0.3	0.000283	0.046	0.000283	0.046	SLE RA 5	-13.8259	0	17726	360000	15	Si
236	X	0.5	0.3	0.000283	0.058	0.000283	0.058	SLE RA 3	-14.3479	0	16544	360000	15	Si
26	X	0.5	0.3	0.000283	0.058	0.000283	0.058	SLE RA 8	12.1345	0	13992	360000	15	Si
237	X	0.5	0.3	0.000283	0.058	0.000283	0.058	SLE RA 4	-11.297	0	13026	360000	15	Si
3	Y	0.5	0.3	0.000283	0.046	0.000283	0.046	SLE RA 6	9.8258	0	12598	360000	15	Si
17	X	1	0.3	0.000565	0.058	0.000565	0.058	SLE RA 9	21.4468	0	12365	360000	15	Si
224	X	0.5	0.3	0.000283	0.058	0.000283	0.058	SLE RA 9	-10.6301	0	12257	360000	15	Si
246	X	1	0.3	0.000565	0.058	0.000565	0.058	SLE RA 5	-21.0233	0	12121	360000	15	Si
28	Y	1	0.3	0.000565	0.046	0.000565	0.046	SLE RA 5	18.6718	0	11970	360000	15	Si
235	Y	1	0.3	0.000565	0.046	0.000565	0.046	SLE RA 5	-18.6031	0	11926	360000	15	Si
259	Y	0.5	0.3	0.000283	0.046	0.000283	0.046	SLE RA 7	-9.2838	0	11903	360000	15	Si
139	X	0.5	0.3	0.000283	0.058	0.000283	0.058	SLE RA 8	10.2379	0	11805	360000	15	Si
260	Y	0.5	0.3	0.000283	0.046	0.000283	0.046	SLE RA 2	-8.7482	0	11216	360000	15	Si
39	X	0.5	0.3	0.000283	0.058	0.000283	0.058	SLE RA 5	9.7149	0	11202	360000	15	Si
235	X	0.992	0.3	0.000561	0.058	0.000561	0.058	SLE RA 9	-18.8057	0	10930	360000	15	Si
246	Y	0.996	0.3	0.000563	0.046	0.000563	0.046	SLE RA 7	-16.9355	0	10905	360000	15	Si
4	Y	0.5	0.3	0.000283	0.046	0.000283	0.046	SLE RA 3	8.4108	0	10784	360000	15	Si
260	Y	0.5	0.3	0.000283	0.046	0.000283	0.046	SLE RA 8	8.2666	0	10599	360000	15	Si
18	X	1	0.3	0.000565	0.058	0.000565	0.058	SLE RA 8	18.1344	0	10455	360000	15	Si
245	X	1	0.3	0.000565	0.058	0.000565	0.058	SLE RA 4	-17.7426	0	10229	360000	15	Si
223	X	0.5	0.3	0.000283	0.058	0.000283	0.058	SLE RA 8	-8.8553	0	10211	360000	15	Si
124	X	0.5	0.3	0.000283	0.058	0.000283	0.058	SLE RA 4	-8.475	0	9772	360000	15	Si
28	X	0.992	0.3	0.000561	0.058	0.000561	0.058	SLE RA 5	16.7485	0	9734	360000	15	Si
247	X	0.975	0.3	0.000551	0.058	0.000551	0.058	SLE RA 8	16.4513	0	9728	360000	15	Si
248	X	0.975	0.3	0.000551	0.058	0.000551	0.058	SLE RA 8	16.4473	0	9726	360000	15	Si
17	Y	0.996	0.3	0.000563	0.046	0.000563	0.046	SLE RA 3	14.8992	0	9594	360000	15	Si
40	X	0.5	0.3	0.000283	0.058	0.000283	0.058	SLE RA 4	7.9429	0	9159	360000	15	Si
234	Y	1	0.3	0.000565	0.046	0.000565	0.046	SLE RA 6	14.2736	0	9150	360000	15	Si
12	Y	0.5	0.3	0.000283	0.046	0.000283	0.046	SLE RA 6	-7.0598	0	9051	360000	15	Si
16	X	0.975	0.3	0.000551	0.058	0.000551	0.058	SLE RA 4	-15.1544	0	8961	360000	15	Si
15	X	0.975	0.3	0.000551	0.058	0.000551	0.058	SLE RA 4	-15.1535	0	8961	360000	15	Si
29	Y	1	0.3	0.000565	0.046	0.000565	0.046	SLE RA 2	-13.7634	0	8823	360000	15	Si
258	Y	0.5	0.3	0.000283	0.046	0.000283	0.046	SLE RA 9	-6.8735	0	8813	360000	15	Si
233	X	1	0.3	0.000565	0.058	0.000565	0.058	SLE RA 9	-15.2391</					

Nodo	Dir.	B	H	A. sup.	C. sup.	A. inf.	C. inf.	Comb.	M	N	σf	σlim	Es/Ec	Verifica
15	Y	0.975	0.3	0.000551	0.046	0.000551	0.046	SLE RA 2	-12.0157	0	7900	360000	15	Si
247	Y	0.975	0.3	0.000551	0.046	0.000551	0.046	SLE RA 2	-12.015	0	7900	360000	15	Si
244	Y	1	0.3	0.000565	0.046	0.000565	0.046	SLE RA 7	-12.1994	0	7820	360000	15	Si
222	X	0.997	0.3	0.000564	0.058	0.000564	0.058	SLE RA 9	-13.428	0	7762	360000	15	Si

Verifiche SLE fessurazione nei nodi

La piastra non presenta nodi con apertura delle fessure.

2.2 Verifiche superelementi aste acciaio laminate

Le unità di misura elencate nel capitolo sono in [m, kN, deg] ove non espressamente specificato.

Sezione: sezione in acciaio.

Rotazione: rotazione della sezione. [deg]

Area: area inerziale nel sistema geometrico centrato nel baricentro. [m²]

Jx: momento d'inerzia attorno all'asse orizzontale baricentrico di definizione della sezione. [m⁴]

Jy: momento d'inerzia attorno all'asse verticale baricentrico di definizione della sezione. [m⁴]

ix: raggio di inerzia relativo all'asse x. [m]

iy: raggio di inerzia relativo all'asse y. [m]

Wx: modulo di resistenza elastico minimo relativo all'asse x. [m³]

Wy: modulo di resistenza elastico minimo relativo all'asse y. [m³]

Wplx: modulo di resistenza plastico relativo all'asse x. [m³]

Wply: modulo di resistenza plastico relativo all'asse y. [m³]

X: distanza dal nodo iniziale. [m]

Comb.: combinazione di verifica.

Sfruttamento: rapporto di sfruttamento per la verifica in esame, inverso del coefficiente di sicurezza. Verificato se minore o uguale di 1.

Classe: classe della sezione.

NEd: sollecitazione assiale. [kN]

Nc,Rd: resistenza assiale a compressione ridotta per taglio. [kN]

Nt,Rd: resistenza assiale a trazione ridotta per taglio. [kN]

Riduzione da taglio: rapporto tra la resistenza assiale ridotta per taglio e la resistenza assiale.

px: coefficiente di riduzione della resistenza di snervamento per taglio in direzione x.

py: coefficiente di riduzione della resistenza di snervamento per taglio in direzione y.

Verifica: stato di verifica.

VEd: sollecitazione di taglio. [kN]

Vc,Rd: resistenza a taglio. [kN]

Av: area resistenza a taglio. [m²]

Interazione taglio-torsione: indica se è possibile ridurre il taglio resistente per presenza di torsione.

Riduzione torsione: coefficiente riduttivo della resistenza a taglio per presenza di torsione.

NRd: resistenza assiale ridotta per taglio. [kN]

Rid. NRd da VEd: rapporto tra la resistenza assiale ridotta per taglio e la resistenza assiale.

Mx,Ed: sollecitazione flettente attorno x-x. [kN*m]

Mx,Rd: resistenza a flessione attorno x-x ridotta. [kN*m]

Rid. Mx,Rd da VEd: rapporto tra la resistenza flettente ridotta per taglio e la resistenza flettente attorno x-x.

Rid. Mx,Rd da NEd: rapporto tra la resistenza flettente ridotta per sforzo normale e taglio e la resistenza flettente ridotta per taglio attorno x-x.

My,Ed: sollecitazione flettente attorno y-y. [kN*m]

My,Rd: resistenza a flessione attorno y-y ridotta. [kN*m]

Rid. My,Rd da VEd: rapporto tra la resistenza flettente ridotta per taglio e la resistenza flettente attorno y-y.

Rid. My,Rd da NEd: rapporto tra la resistenza flettente ridotta per sforzo normale e taglio e la resistenza flettente ridotta per taglio attorno y-y.

α: esponente α per flessione deviata.

β: esponente β per flessione deviata.

Numero rit.: numero del ritegno.

Presente: indica se il ritegno è presente o meno.

Ascissa: ascissa del ritegno rispetto al nodo iniziale del superelemento o ascissa iniziale e finale della campata. [m]

Campata: campata tra i ritegni.

βx/m: coefficiente di lunghezza efficace per rotazione attorno a x/m.

Vincolo a entrambi estremi: indica se il tratto è vincolato a entrambi gli estremi.

λx/m: snellezza attorno a x/m del tratto tra i due ritegni.

λVer: snellezza accettabile.

βy/n: coefficiente di lunghezza efficace per rotazione attorno a y/n.

k,LT: coefficiente di lunghezza efficace per rotazione nel calcolo del momento critico ENV1993-1-1 F 1.2(3).

kw,LT: coefficiente di lunghezza efficace per ingobbamento nel calcolo del momento critico ENV1993-1-1 F 1.2(4).

λy/n: snellezza attorno a y/n del tratto tra i due ritegni.

NRk: resistenza caratteristica assiale. [kN]

Mx,Ed max: momento sollecitante massimo attorno l'asse x-x tra due ritegni all'inflessione attorno x-x. [kN*m]

Mx,Rk: resistenza caratteristica a flessione attorno l'asse x-x. [kN*m]

My,Ed max: momento sollecitante massimo attorno l'asse y-y tra due ritegni all'inflessione attorno y-y. [kN*m]

My,Rk: resistenza caratteristica a flessione attorno l'asse y-y. [kN*m]

χx: coefficiente di riduzione per inflessione attorno l'asse x-x.

χy: coefficiente di riduzione per inflessione attorno l'asse y-y.

kxx: valore di kxx.

kxy: valore di kxy.

kyy: valore di kyy.

kyy: valore di kyy.

χ,LT: coefficiente di riduzione per instabilità flesso-torsionale.

η: valore di η.

hw: altezza dell'anima. [m]

tw: spessore dell'anima. [m]

hw/tw max: rapporto tra hw e tw massimo.

Sfruttamento torsione: rapporto tra TE_d e TR_d.

TE_d: sollecitazione torcente. [kN*m]

TR_d: resistenza a torsione. [kN*m]

Riduzione taglio resistente: indica se è possibile ridurre il taglio resistente per presenza di torsione.

Sfruttamento taglio-torsione: τ_{Ed,totale} / (0.5 * τ_{Rd}). Non verificato se maggiore di 1.

τ_{Ed,totale}: somma delle tensioni tangenziali totale derivanti da taglio e torsione. [kN/m²]

τ_{Rd}: tensione tangenziale resistente. [kN/m²]

Mx,Rd: resistenza a flessione attorno x-x ridotta per taglio. [kN*m]

Obblig.: indica se la verifica è obbligatoria da norma.

Mb,Rd,x: momento resistente di progetto per l'instabilità per sollecitazione flettente attorno l'asse x-x. [kN*m]

λ adim. LT: snellezza adimensionale per instabilità flessione-torsionale.

L,LT: distanza tra due ritegni torsionali. [m]

M,critico: momento critico. [kN*m]

Mx,Eff,Ed: momento interno efficace di verifica attorno x-x secondo ENV1993-1-1 §5.5.3. [kN*m]

Ascissa freccia: ascissa della massima freccia. [m]

Combinazione: combinazione di verifica in cui è ricavata la freccia.

Freccia: massima freccia. [m]

Luce: luce di verifica. [m]

L/f: rapporto luce su freccia.

L/f,min: minimo rapporto luce su freccia consentito.

Tipo: freccia calcolata considerando le sole condizioni variabili o tutte le condizioni (totale) all'interno della combinazione di verifica.

Superelemento in acciaio "Platea di fondazione"- "Livello colmo" filo 3

Caratteristiche del materiale

Acciaio: S235, fyk = 235000

Caratteristiche geometriche

Lunghezza: 5

Nodo iniziale: 131 Nodo finale: 266

Cerniera iniziale: No Cerniera finale: No

Sovreresistenza: 0% Sisma Z: No

Caratteristiche della sezione

Sezione	Rotazione	Area	Jx	Jy	ix	iy	Wx	Wy	Wplx	Wply
HEB200	90	0.007815	0.0000570021	0.0000200347	0.0854	0.0506	0.00057002	0.00020035	0.00064306	0.00030588

Verifiche di resistenza

Verifiche a forza assiale §4.2.4.1.2.1 - §4.2.4.1.2.2 NTC18

X	Comb.	Sfruttamento	Classe	NEd	Nc,Rd	Nt,Rd	Riduzione da taglio	px	py	Verifica
0	SLU 10	0.024	1	-41.177	1748.993		1	0	0	Si

Verifiche a forza assiale SLD §4.2.4.1.2.1 - §4.2.4.1.2.2 NTC18

X	Comb.	Sfruttamento	Classe	NEd	Nc,Rd	Nt,Rd	Riduzione da taglio	px	py	Verifica
0	SLD 1	0.004	1	-7.028	1748.993		1	0	0	Si

Verifica a taglio X §4.2.4.1.2.4 NTC18

X	Comb.	Sfruttamento	VEd	Vc,Rd	Av	Interazione taglio-torsione	Riduzione torsione	Verifica
0	SLU 8	0.031	24.881	812.081	0.006285	Considerata	1	Si

Verifica a taglio X SLD §4.2.4.1.2.4 NTC18

X	Comb.	Sfruttamento	VEd	Vc,Rd	Av	Interazione taglio-torsione	Riduzione torsione	Verifica
0	SLD 5	0.001	-0.874	812.081	0.006285	Considerata	1	Si

Verifica a taglio Y §4.2.4.1.2.4 NTC18

X	Comb.	Sfruttamento	VEd	Vc,Rd	Av	Interazione taglio-torsione	Riduzione torsione	Verifica
0	SLV 14	0.011	-3.543	321.704	0.00249	Considerata	1	Si

Verifica a taglio Y SLD §4.2.4.1.2.4 NTC18

X	Comb.	Sfruttamento	VEd	Vc,Rd	Av	Interazione taglio-torsione	Riduzione torsione	Verifica
0	SLD 14	0.005	-1.557	321.704	0.00249	Considerata	1	Si

Verifica a presso/tenso flessione retta X §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

Verifiche eseguite utilizzando la formula conservativa (6.2) §6.2.1 EN 1993-1-1:2005.

X	Comb.	Sfruttamento	Classe	NEd	NRd	Rid. NRd da VEd	Mx,Ed	Mx,Rd	Rid. Mx,Rd da VEd	Rid. Mx,Rd da NEd	px	py	Verifica
0	SLU 11	0.029	1	-41.171	1748.993	1	0.7875	143.9228	1		0	0	Si

Verifica a presso/tenso flessione retta Y §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

Verifiche eseguite utilizzando la formula conservativa (6.2) §6.2.1 EN 1993-1-1:2005.

X	Comb.	Sfruttamento	Classe	NEd	NRd	Rid. NRd da VEd	My,Ed	My,Rd	Rid. My,Rd da VEd	Rid. My,Rd da NEd	px	py	Verifica
4	SLU 4	0.051	1	-6.385	1748.993	1	-3.2661	68.4599	1		0	0	Si

Verifica a presso/tenso flessione deviata §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

Verifiche eseguite utilizzando la formula conservativa (6.2) §6.2.1 EN 1993-1-1:2005.

X	Comb.	Sfruttamento	Classe	NEd	NRd	Rid. NRd da VEd	Mx,Ed	Mx,Rd	My,Ed	My,Rd	Rid. Mx,Rd da VEd	Rid. Mx,Rd da NEd	Rid. My,Rd da VEd	Rid. My,Rd da NEd	α	β	px	py	Verifica
0	SLU 9	0.693	1	-25.37	1748.993	1	0.4812	143.9228	46.2198	68.4599	1		1				0	0	Si

Verifica a presso/tenso flessione deviata SLD §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

Verifiche eseguite utilizzando la formula conservativa (6.2) §6.2.1 EN 1993-1-1:2005.

X	Comb.	Sfruttamento	Classe	NEd	NRd	Rid. NRd da VEd	Mx,Ed	Mx,Rd	My,Ed	My,Rd	Rid. Mx,Rd da VEd	Rid. Mx,Rd da NEd	Rid. My,Rd da VEd	Rid. My,Rd da NEd	α	β	px	py	Verifica
0	SLD 10	0.085	1	-7.027	1748.993	1	2.4284	143.9228	-4.3697	68.4599	1		1				0	0	Si

Verifiche ad instabilità

Caratteristiche iniziali

Membratura principale per controllo snellezza; Calcolo di snellezze ed N critici condotti secondo gli assi principali;

Curva X: b; Curva Y: c; Svergolamento: Carico all'estradosso; Curva svergolamento: b;

Dati per instabilità attorno a x

Controllo della snellezza secondo §4.2.4.1.3.1 NTC18

Numero rit.	Presente	Ascissa	Campata	βx/m	Vincolo a entrambi estremi	λx/m	λVer
1	Si	0					
			1-2		1	58.5	Si, (<200)
2	Si	5					

Dati per instabilità attorno a y

Controllo della snellezza secondo §4.2.4.1.3.1 NTC18

Numero rit.	Presente	Ascissa	Campata	βy/n	k,LT	kw,LT	Vincolo a entrambi estremi	λy/n	λVer
1	Si	0							
			1-2		1	1	Si	98.7	Si, (<200)
2	Si	5							

Verifica di stabilità per pressoflessione §C.4.2.4.1.3.3.2 NTC18

X	Comb.	Sfruttamento	Classe	NEd	NRk	Mx,Ed max	Mx,Rk	My,Ed max	My,Rk	χ_x	χ_y	kxx	kxy	kyy	χ_{LT}	Verifica	
0	SLU 9	0.313	1	-25.37	1836.443	0.48119	151.11895	46.21981	71.88285	0.825	0.511	0.609	0.25	0.992	0.416	0.952	Si

Verifica di stabilità per pressoflessione SLD §C.4.2.4.1.3.3.2 NTC18

X	Comb.	Sfruttamento	Classe	NEd	NRk	Mx,Ed max	Mx,Rk	My,Ed max	My,Rk	χ_x	χ_y	kxx	kxy	kyy	χ_{LT}	Verifica	
0	SLD 14	0.076	1	-7.026	1836.443	7.78142	151.11895	1.30904	71.88285	0.825	0.511	0.601	0.364	0.998	0.607	0.953	Si

Verifica di stabilità a taglio anima Y §4.2.4.1.2.4 [4.2.27] NTC18

η	hw	tw	hw/tw max	Verifica
1.2	0.17	0.009	60	Si

Verifica di stabilità a taglio anima Y SLD §4.2.4.1.2.4 [4.2.27] NTC18

η	hw	tw	hw/tw max	Verifica
1.2	0.17	0.009	60	Si

Verifiche a deformabilità

Mensola X: No; Mensola Y: No.

Verifiche non eseguite in quanto il superelemento è verticale.

Superelemento in acciaio "Platea di fondazione"- "Livello colmo" filo 4

Caratteristiche del materiale

Acciaio: S235, fyk = 235000

Caratteristiche geometriche

Lunghezza: 5

Nodo iniziale: 132 Nodo finale: 267

Cerniera iniziale: No Cerniera finale: No

Sovreresistenza: 0% Sisma Z: No

Caratteristiche della sezione

Sezione	Rotazione	Area	Jx	Jy	ix	iy	Wx	Wy	Wplx	Wply
HEB200	90	0.007815	0.0000570021	0.0000200347	0.0854	0.0506	0.00057002	0.00020035	0.00064306	0.00030588

Verifiche di resistenza

Verifiche a forza assiale §4.2.4.1.2.1 - §4.2.4.1.2.2 NTC18

X	Comb.	Sfruttamento	Classe	NEd	Nc,Rd	Nt,Rd	Riduzione da taglio	px	py	Verifica
0	SLU 13	0.024	1	-41.183	1748.993		1	0	0	Si

Verifiche a forza assiale SLD §4.2.4.1.2.1 - §4.2.4.1.2.2 NTC18

X	Comb.	Sfruttamento	Classe	NEd	Nc,Rd	Nt,Rd	Riduzione da taglio	px	py	Verifica
0	SLD 15	0.004	1	-7.028	1748.993		1	0	0	Si

Verifica a taglio X §4.2.4.1.2.4 NTC18

X	Comb.	Sfruttamento	VEd	Vc,Rd	Av	Interazione taglio-torsione	Riduzione torsione	Verifica
0	SLU 5	0.031	24.882	812.081	0.006285	Considerata	1	Si

Verifica a taglio X SLD §4.2.4.1.2.4 NTC18

X	Comb.	Sfruttamento	VEd	Vc,Rd	Av	Interazione taglio-torsione	Riduzione torsione	Verifica
5	SLD 12	0.001	0.874	812.081	0.006285	Considerata	1	Si

Verifica a taglio Y §4.2.4.1.2.4 NTC18

X	Comb.	Sfruttamento	VEd	Vc,Rd	Av	Interazione taglio-torsione	Riduzione torsione	Verifica
0	SLV 1	0.011	3.543	321.704	0.00249	Considerata	1	Si

Verifica a taglio Y SLD §4.2.4.1.2.4 NTC18

X	Comb.	Sfruttamento	VEd	Vc,Rd	Av	Interazione taglio-torsione	Riduzione torsione	Verifica
0	SLD 1	0.005	1.557	321.704	0.00249	Considerata	1	Si

Verifica a presso/tenso flessione retta X §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

Verifiche eseguite utilizzando la formula conservativa (6.2) §6.2.1 EN 1993-1-1:2005.

X	Comb.	Sfruttamento	Classe	NEd	NRd	Rid. NRd da VEd	Mx,Ed	Mx,Rd	Rid. Mx,Rd da VEd	Rid. Mx,Rd da NEd	px	py	Verifica
0	SLU 10	0.029	1	-41.177	1748.993	1	-0.7826	143.9228	1		0	0	Si

Verifica a presso/tenso flessione retta Y §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

Verifiche eseguite utilizzando la formula conservativa (6.2) §6.2.1 EN 1993-1-1:2005.

X	Comb.	Sfruttamento	Classe	NEd	NRd	Rid. NRd da VEd	My,Ed	My,Rd	Rid. My,Rd da VEd	Rid. My,Rd da NEd	px	py	Verifica
4	SLU 5	0.051	1	-6.391	1748.993	1	-3.2653	68.4599	1		0	0	Si

Verifica a presso/tenso flessione deviata §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

Verifiche eseguite utilizzando la formula conservativa (6.2) §6.2.1 EN 1993-1-1:2005.

X	Comb.	Sfruttamento	Classe	NEd	NRd	Rid. NRd da VEd	Mx,Ed	Mx,Rd	My,Ed	My,Rd	Rid. Mx,Rd da VEd	Rid. Mx,Rd da NEd	Rid. My,Rd da VEd	Rid. My,Rd da NEd	α	β	px	py	Verifica
0	SLU 8	0.693	1	-25.376	1748.993	1	-0.4763	143.9228	46.2234	68.4599	1		1				0	0	Si

Verifica a presso/tenso flessione deviata SLD §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

Verifiche eseguite utilizzando la formula conservativa (6.2) §6.2.1 EN 1993-1-1:2005.

X	Comb.	Sfruttamento	Classe	NEd	NRd	Rid. NRd da VEd	Mx,Ed	Mx,Rd	My,Ed	My,Rd	Rid. Mx,Rd da VEd	Rid. Mx,Rd da NEd	Rid. My,Rd da VEd	Rid. My,Rd da NEd	α	β	px	py	Verifica
0	SLD 6	0.085	1	-7.027	1748.993	1	-2.4284	143.9228	-4.3685	68.4599	1		1				0	0	Si

Verifiche ad instabilità

Caratteristiche iniziali

Membratura principale per controllo snellezza; Calcolo di snellezze ed N critici condotti secondo gli assi principali;

Curva X: b; Curva Y: c; Svergolamento: Carico all'estradosso; Curva svergolamento: b;

Dati per instabilità attorno a x

Controllo della snellezza secondo §4.2.4.1.3.1 NTC18

Numero rit.	Presente	Ascissa	Campata	βx/m	Vincolo a entrambi estremi	λx/m	λVer
1	Si	0					
2	Si	5	1-2		1	58.5	Si, (<200)

Dati per instabilità attorno a y

Controllo della snellezza secondo §4.2.4.1.3.1 NTC18

Numero rit.	Presente	Ascissa	Campata	βy/n	k,LT	kw,LT	Vincolo a entrambi estremi	λy/n	λVer
1	Si	0							
2	Si	5	1-2		1	1	1	98.7	Si, (<200)

Verifica di stabilità per pressoflessione §C.4.2.4.1.3.3.2 NTC18

X	Comb.	Sfruttamento	Classe	NEd	NRk	Mx,Ed max	Mx,Rk	My,Ed max	My,Rk	χ_x	χ_y	kxx	kxy	kyy	χ_{LT}	Verifica	
0	SLU 8	0.313	1	-25.376	1836.443	0.47631	151.11895	46.22339	71.88285	0.825	0.511	0.604	0.25	0.992	0.416	0.953	Si

Verifica di stabilità per pressoflessione SLD §C.4.2.4.1.3.3.2 NTC18

X	Comb.	Sfruttamento	Classe	NEd	NRk	Mx,Ed max	Mx,Rk	My,Ed max	My,Rk	χ_x	χ_y	kxx	kxy	kyy	χ_{LT}	Verifica	
0	SLD 1	0.076	1	-7.026	1836.443	7.78147	151.11895	1.31233	71.88285	0.825	0.511	0.601	0.364	0.998	0.607	0.953	Si

Verifica di stabilità a taglio anima Y §4.2.4.1.2.4 [4.2.27] NTC18

η	hw	tw	hw/tw max	Verifica
1.2	0.17	0.009	60	Si

Verifica di stabilità a taglio anima Y SLD §4.2.4.1.2.4 [4.2.27] NTC18

η	hw	tw	hw/tw max	Verifica
1.2	0.17	0.009	60	Si

Verifiche a deformabilità

Mensola X: No; Mensola Y: No.

Verifiche non eseguite in quanto il superelemento è verticale.

Superelemento in acciaio "Platea di fondazione"- "Livello gronda" filo 1

Caratteristiche del materiale

Acciaio: S235, fyk = 235000

Caratteristiche geometriche

Lunghezza: 4.3

Nodo iniziale: 15 Nodo finale: 262

Cerniera iniziale: No Cerniera finale: No

Sovreresistenza: 0% Sisma Z: No

Caratteristiche della sezione

Sezione	Rotazione	Area	Jx	Jy	ix	iy	Wx	Wy	Wplx	Wply
HEB200	90	0.007815	0.0000570021	0.0000200347	0.0854	0.0506	0.00057002	0.00020035	0.00064306	0.00030588

Verifiche di resistenza

Verifiche a forza assiale §4.2.4.1.2.1 - §4.2.4.1.2.2 NTC18

X	Comb.	Sfruttamento	Classe	NEd	Nc,Rd	Nt,Rd	Riduzione da taglio	px	py	Verifica
0	SLU 11	0.013	1	-22.619	1748.993		1	0	0	Si

Verifiche a forza assiale SLD §4.2.4.1.2.1 - §4.2.4.1.2.2 NTC18

X	Comb.	Sfruttamento	Classe	NEd	Nc,Rd	Nt,Rd	Riduzione da taglio	px	py	Verifica
0	SLD 9	0.003	1	-5.061	1748.993		1	0	0	Si

Verifica a taglio X §4.2.4.1.2.4 NTC18

X	Comb.	Sfruttamento	VEd	Vc,Rd	Av	Interazione taglio-torsione	Riduzione torsione	Verifica
0	SLU 8	0.021	16.71	812.081	0.006285	Considerata	1	Si

Verifica a taglio X SLD §4.2.4.1.2.4 NTC18

X	Comb.	Sfruttamento	VEd	Vc,Rd	Av	Interazione taglio-torsione	Riduzione torsione	Verifica
4.3	SLD 8	0.002	1.357	812.081	0.006285	Considerata	1	Si

Verifica a taglio Y §4.2.4.1.2.4 NTC18

X	Comb.	Sfruttamento	VEd	Vc,Rd	Av	Interazione taglio-torsione	Riduzione torsione	Verifica
0	SLU 6	0.049	-15.865	321.704	0.00249	Considerata	1	Si

Verifica a taglio Y SLD §4.2.4.1.2.4 NTC18

X	Comb.	Sfruttamento	VEd	Vc,Rd	Av	Interazione taglio-torsione	Riduzione torsione	Verifica
4.3	SLD 13	0.003	-1.058	321.704	0.00249	Considerata	1	Si

Verifica a presso/tenso flessione retta X §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

Verifiche eseguite utilizzando la formula conservativa (6.2) §6.2.1 EN 1993-1-1:2005.

X	Comb.	Sfruttamento	Classe	NEd	NRd	Rid. NRd da VEd	Mx,Ed	Mx,Rd	Rid. Mx,Rd da VEd	Rid. Mx,Rd da NEd	px	py	Verifica
0	SLU 6	0.247	1	-14.679	1748.993	1	34.3768	143.9228	1		0	0	Si

Verifica a presso/tenso flessione retta Y §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

Verifiche eseguite utilizzando la formula conservativa (6.2) §6.2.1 EN 1993-1-1:2005.

X	Comb.	Sfruttamento	Classe	NEd	NRd	Rid. NRd da VEd	My,Ed	My,Rd	Rid. My,Rd da VEd	Rid. My,Rd da NEd	px	py	Verifica
2.58	SLU 4	0.151	1	-4.158	1748.993	1	10.162	68.4599	1		0	0	Si

Verifica a presso/tenso flessione retta Y SLD §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

Verifiche eseguite utilizzando la formula conservativa (6.2) §6.2.1 EN 1993-1-1:2005.

X	Comb.	Sfruttamento	Classe	NEd	NRd	Rid. NRd da VEd	My,Ed	My,Rd	Rid. My,Rd da VEd	Rid. My,Rd da NEd	px	py	Verifica
4.157	SLD 9	0.004	1	-2.511	1748.993	1	-0.1912	68.4599	1		0	0	Si

Verifica a presso/tenso flessione deviata §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

Verifiche eseguite utilizzando la formula conservativa (6.2) §6.2.1 EN 1993-1-1:2005.

X	Comb.	Sfruttamento	Classe	NEd	NRd	Rid. NRd da VEd	Mx,Ed	Mx,Rd	My,Ed	My,Rd	Rid. Mx,Rd da VEd	Rid. Mx,Rd da NEd	Rid. My,Rd da VEd	Rid. My,Rd da NEd	α	β	px	py	Verifica
0	SLU 9	0.776	1	-14.16	1748.993	1	20.4846	143.9228	42.7928	68.4599	1		1				0	0	Si

Verifica a presso/tenso flessione deviata SLD §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

Verifiche eseguite utilizzando la formula conservativa (6.2) §6.2.1 EN 1993-1-1:2005.

X	Comb.	Sfruttamento	Classe	NEd	NRd	Rid. NRd da VEd	Mx,Ed	Mx,Rd	My,Ed	My,Rd	Rid. Mx,Rd da VEd	Rid. Mx,Rd da NEd	Rid. My,Rd da VEd	Rid. My,Rd da NEd	α	β	px	py	Verifica
0	SLD 11	0.098	1	-4.957	1748.993	1	1.4338	143.9228	5.825	68.4599	1		1				0	0	Si

Verifiche ad instabilità

Caratteristiche iniziali

Membratura principale per controllo snellezza; Calcolo di snellezze ed N critici condotti secondo gli assi principali;

Curva X: b; Curva Y: c; Svergolamento: Carico all'estradosso; Curva svergolamento: b;

Dati per instabilità attorno a x

Controllo della snellezza secondo §4.2.4.1.3.1 NTC18

Numero rit.	Presente	Ascissa	Campata	βx/m	Vincolo a entrambi estremi	λx/m	λVer
1	Si	0					
2	Si	4.3	1-2		1	50.3	Si, (<200)

Dati per instabilità attorno a y

Controllo della snellezza secondo §4.2.4.1.3.1 NTC18

Numero rit.	Presente	Ascissa	Campata	βy/n	k,LT	kw,LT	Vincolo a entrambi estremi	λy/n	λVer
1	Si	0							

Numero rit.	Presente	Ascissa	Campata	$\beta y/n$	k,LT	kw,LT	Vincolo a entrambi estremi	$\lambda y/n$	λVer
			1-2	1	1	1	Si	84.9	Si, (<200)
2	Si	4.3							

Verifica di stabilità per pressoflessione §C.4.2.4.1.3.3.2 NTC18

X	Comb.	Sfruttamento	Classe	NEd	NRk	Mx,Ed max	Mx,Rk	My,Ed max	My,Rk	χ_x	χ_y	kxx	kxy	kyy	χ_{LT}	Verifica	
0	SLU 9	0.471	1	-14.16	1836.443	20.4846	151.11895	42.79278	71.88285	0.868	0.597	0.403	0.283	0.992	0.472	0.871	Si

Verifica di stabilità per pressoflessione SLD §C.4.2.4.1.3.3.2 NTC18

X	Comb.	Sfruttamento	Classe	NEd	NRk	Mx,Ed max	Mx,Rk	My,Ed max	My,Rk	χ_x	χ_y	kxx	kxy	kyy	χ_{LT}	Verifica	
0	SLD 12	0.066	1	-4.957	1836.443	1.43384	151.11895	5.82499	71.88285	0.868	0.597	0.601	0.362	0.999	0.603	0.972	Si

Verifica di stabilità a taglio anima Y §4.2.4.1.2.4 [4.2.27] NTC18

η	hw	tw	hw/tw max	Verifica	
1.2		0.17	0.009	60	Si

Verifica di stabilità a taglio anima Y SLD §4.2.4.1.2.4 [4.2.27] NTC18

η	hw	tw	hw/tw max	Verifica	
1.2		0.17	0.009	60	Si

Verifiche a deformabilità

Mensola X: No; Mensola Y: No.

Verifiche non eseguite in quanto il superelemento è verticale.

Superelemento in acciaio "Platea di fondazione"- "Livello gronda" filo 2

Caratteristiche del materiale

Acciaio: S235, fyk = 235000

Caratteristiche geometriche

Lunghezza: 4.3

Nodo iniziale: 16 Nodo finale: 263

Cerniera iniziale: No Cerniera finale: No

Sovreresistenza: 0% Sisma Z: No

Caratteristiche della sezione

Sezione	Rotazione	Area	Jx	Jy	ix	iy	Wx	Wy	Wplx	Wply
HEB200	90	0.007815	0.0000570021	0.0000200347	0.0854	0.0506	0.00057002	0.00020035	0.00064306	0.00030588

Verifiche di resistenza

Verifiche a forza assiale §4.2.4.1.2.1 - §4.2.4.1.2.2 NTC18

X	Comb.	Sfruttamento	Classe	NEd	Nc,Rd	Nt,Rd	Riduzione da taglio	px	py	Verifica
0	SLU 10	0.013	1	-22.616	1748.993		1	0	0	Si

Verifiche a forza assiale SLD §4.2.4.1.2.1 - §4.2.4.1.2.2 NTC18

X	Comb.	Sfruttamento	Classe	NEd	Nc,Rd	Nt,Rd	Riduzione da taglio	px	py	Verifica
0	SLD 5	0.003	1	-5.061	1748.993		1	0	0	Si

Verifica a taglio X §4.2.4.1.2.4 NTC18

X	Comb.	Sfruttamento	VEd	Vc,Rd	Av	Interazione taglio-torsione	Riduzione torsione	Verifica
0	SLU 9	0.021	16.727	812.081	0.006285	Considerata	1	Si

Verifica a taglio X SLD §4.2.4.1.2.4 NTC18

X	Comb.	Sfruttamento	VEd	Vc,Rd	Av	Interazione taglio-torsione	Riduzione torsione	Verifica
4.3	SLD 12	0.002	1.357	812.081	0.006285	Considerata	1	Si

Verifica a taglio Y §4.2.4.1.2.4 NTC18

X	Comb.	Sfruttamento	VEd	Vc,Rd	Av	Interazione taglio-torsione	Riduzione torsione	Verifica
0	SLU 3	0.049	-15.736	321.704	0.00249	Considerata	1	Si

Verifica a taglio Y SLD §4.2.4.1.2.4 NTC18

X	Comb.	Sfruttamento	VEd	Vc,Rd	Av	Interazione taglio-torsione	Riduzione torsione	Verifica
0	SLD 1	0.003	1.058	321.704	0.00249	Considerata	1	Si

Verifica a presso/tenso flessione retta X §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

Verifiche eseguite utilizzando la formula conservativa (6.2) §6.2.1 EN 1993-1-1:2005.

X	Comb.	Sfruttamento	Classe	NEd	NRd	Rid. NRd da VEd	Mx,Ed	Mx,Rd	Rid. Mx,Rd da VEd	Rid. Mx,Rd da NEd	px	py	Verifica
4.013	SLU 10	0.012	1	-19.416	1748.993	1	-0.0576	143.9228	1		0	0	Si

Verifica a presso/tenso flessione retta Y §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

Verifiche eseguite utilizzando la formula conservativa (6.2) §6.2.1 EN 1993-1-1:2005.

X	Comb.	Sfruttamento	Classe	NEd	NRd	Rid. NRd da VEd	My,Ed	My,Rd	Rid. My,Rd da VEd	Rid. My,Rd da NEd	px	py	Verifica
2.58	SLU 4	0.151	1	-4.158	1748.993	1	10.1614	68.4599	1		0	0	Si

Verifica a presso/tenso flessione retta Y SLD §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

Verifiche eseguite utilizzando la formula conservativa (6.2) §6.2.1 EN 1993-1-1:2005.

X	Comb.	Sfruttamento	Classe	NEd	NRd	Rid. NRd da VEd	My,Ed	My,Rd	Rid. My,Rd da VEd	Rid. My,Rd da NEd	px	py	Verifica
4.157	SLD 5	0.004	1	-2.511	1748.993	1	-0.1913	68.4599	1		0	0	Si

Verifica a presso/tenso flessione deviata §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

Verifiche eseguite utilizzando la formula conservativa (6.2) §6.2.1 EN 1993-1-1:2005.

X	Comb.	Sfruttamento	Classe	NEd	NRd	Rid. NRd da VEd	Mx,Ed	Mx,Rd	My,Ed	My,Rd	Rid. Mx,Rd da VEd	Rid. Mx,Rd da NEd	Rid. My,Rd da VEd	Rid. My,Rd da NEd	α	β	px	py	Verifica
0	SLU 9	0.775	1	-14.154	1748.993	1	20.1146	143.9228	42.9428	68.4599	1		1				0	0	Si

Verifica a presso/tenso flessione deviata SLD §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

Verifiche eseguite utilizzando la formula conservativa (6.2) §6.2.1 EN 1993-1-1:2005.

X	Comb.	Sfruttamento	Classe	NEd	NRd	Rid. NRd da VEd	Mx,Ed	Mx,Rd	My,Ed	My,Rd	Rid. Mx,Rd da VEd	Rid. Mx,Rd da NEd	Rid. My,Rd da VEd	Rid. My,Rd da NEd	α	β	px	py	Verifica
0	SLD 8	0.098	1	-4.957	1748.993	1	-1.4339	143.9228	5.8238	68.4599	1		1				0	0	Si

Verifiche ad instabilità

Caratteristiche iniziali

Membratura principale per controllo snellezza; Calcolo di snellezze ed N critici condotti secondo gli assi principali;

Curva X: b; Curva Y: c; Svergolamento: Carico all'estradosso; Curva svergolamento: b;

Dati per instabilità attorno a x

Controllo della snellezza secondo §4.2.4.1.3.1 NTC18

Numero rit.	Presente	Ascissa	Campata	βx/m	Vincolo a entrambi estremi	λx/m	λVer
1	Si	0					
2	Si	4.3	1-2		Si	50.3	Si, (<200)

Dati per instabilità attorno a y

Controllo della snellezza secondo §4.2.4.1.3.1 NTC18

Numero rit.	Presente	Ascissa	Campata	βy/n	k,LT	kw,LT	Vincolo a entrambi estremi	λy/n	λVer
1	Si	0							

Numero rit.	Presente	Ascissa	Campata	$\beta y/n$	k,LT	kw,LT	Vincolo a entrambi estremi	$\lambda y/n$	λVer
			1-2	1	1	1	Si	84.9	Si, (<200)
2	Si	4.3							

Verifica di stabilità per pressoflessione §C.4.2.4.1.3.3.2 NTC18

X	Comb.	Sfruttamento	Classe	NEd	NRk	Mx,Ed max	Mx,Rk	My,Ed max	My,Rk	χ_x	χ_y	kxx	kxy	kyy	χ_{LT}	Verifica	
0	SLU 9	0.469	1	-14.154	1836.443	20.11457	151.11895	42.9428	71.88285	0.868	0.597	0.401	0.284	0.992	0.473	0.871	Si

Verifica di stabilità per pressoflessione SLD §C.4.2.4.1.3.3.2 NTC18

X	Comb.	Sfruttamento	Classe	NEd	NRk	Mx,Ed max	Mx,Rk	My,Ed max	My,Rk	χ_x	χ_y	kxx	kxy	kyy	χ_{LT}	Verifica	
0	SLD 7	0.066	1	-4.957	1836.443	1.43386	151.11895	5.82385	71.88285	0.868	0.597	0.601	0.362	0.999	0.603	0.972	Si

Verifica di stabilità a taglio anima Y §4.2.4.1.2.4 [4.2.27] NTC18

η	hw	tw	hw/tw max	Verifica	
1.2		0.17	0.009	60	Si

Verifica di stabilità a taglio anima Y SLD §4.2.4.1.2.4 [4.2.27] NTC18

η	hw	tw	hw/tw max	Verifica	
1.2		0.17	0.009	60	Si

Verifiche a deformabilità

Mensola X: No; Mensola Y: No.

Verifiche non eseguite in quanto il superelemento è verticale.

Superelemento in acciaio "Platea di fondazione"- "Livello gronda" filo 5

Caratteristiche del materiale

Acciaio: S235, fyk = 235000

Caratteristiche geometriche

Lunghezza: 4.3

Nodo iniziale: 247 Nodo finale: 264

Cerniera iniziale: No Cerniera finale: No

Sovreresistenza: 0% Sisma Z: No

Caratteristiche della sezione

Sezione	Rotazione	Area	Jx	Jy	ix	iy	Wx	Wy	Wplx	Wply
HEB200	90	0.007815	0.0000570021	0.0000200347	0.0854	0.0506	0.00057002	0.00020035	0.00064306	0.00030588

Verifiche di resistenza

Verifiche a forza assiale §4.2.4.1.2.1 - §4.2.4.1.2.2 NTC18

X	Comb.	Sfruttamento	Classe	NEd	Nc,Rd	Nt,Rd	Riduzione da taglio	px	py	Verifica
0	SLU 13	0.013	1	-22.93	1748.993		1	0	0	Si

Verifiche a forza assiale SLD §4.2.4.1.2.1 - §4.2.4.1.2.2 NTC18

X	Comb.	Sfruttamento	Classe	NEd	Nc,Rd	Nt,Rd	Riduzione da taglio	px	py	Verifica
0	SLD 11	0.003	1	-5.061	1748.993		1	0	0	Si

Verifica a taglio X §4.2.4.1.2.4 NTC18

X	Comb.	Sfruttamento	VEd	Vc,Rd	Av	Interazione taglio-torsione	Riduzione torsione	Verifica
0	SLU 5	0.021	16.68	812.081	0.006285	Considerata	1	Si

Verifica a taglio X SLD §4.2.4.1.2.4 NTC18

X	Comb.	Sfruttamento	VEd	Vc,Rd	Av	Interazione taglio-torsione	Riduzione torsione	Verifica
0	SLD 5	0.002	-1.357	812.081	0.006285	Considerata	1	Si

Verifica a taglio Y §4.2.4.1.2.4 NTC18

X	Comb.	Sfruttamento	VEd	Vc,Rd	Av	Interazione taglio-torsione	Riduzione torsione	Verifica
0	SLU 7	0.049	-15.915	321.704	0.00249	Considerata	1	Si

Verifica a taglio Y SLD §4.2.4.1.2.4 NTC18

X	Comb.	Sfruttamento	VEd	Vc,Rd	Av	Interazione taglio-torsione	Riduzione torsione	Verifica
4.3	SLD 16	0.003	-1.058	321.704	0.00249	Considerata	1	Si

Verifica a presso/tenso flessione retta X §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

Verifiche eseguite utilizzando la formula conservativa (6.2) §6.2.1 EN 1993-1-1:2005.

X	Comb.	Sfruttamento	Classe	NEd	NRd	Rid. NRd da VEd	Mx,Ed	Mx,Rd	Rid. Mx,Rd da VEd	Rid. Mx,Rd da NEd	px	py	Verifica
0	SLU 6	0.247	1	-14.679	1748.993	1	34.3766	143.9228	1		0	0	Si

Verifica a presso/tenso flessione retta Y §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

Verifiche eseguite utilizzando la formula conservativa (6.2) §6.2.1 EN 1993-1-1:2005.

X	Comb.	Sfruttamento	Classe	NEd	NRd	Rid. NRd da VEd	My,Ed	My,Rd	Rid. My,Rd da VEd	Rid. My,Rd da NEd	px	py	Verifica
4.013	SLU 4	0.018	1	-4.049	1748.993	1	1.0408	68.4599	1		0	0	Si

Verifica a presso/tenso flessione retta Y SLD §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

Verifiche eseguite utilizzando la formula conservativa (6.2) §6.2.1 EN 1993-1-1:2005.

X	Comb.	Sfruttamento	Classe	NEd	NRd	Rid. NRd da VEd	My,Ed	My,Rd	Rid. My,Rd da VEd	Rid. My,Rd da NEd	px	py	Verifica
4.157	SLD 11	0.004	1	-2.511	1748.993	1	0.1913	68.4599	1		0	0	Si

Verifica a presso/tenso flessione deviata §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

Verifiche eseguite utilizzando la formula conservativa (6.2) §6.2.1 EN 1993-1-1:2005.

X	Comb.	Sfruttamento	Classe	NEd	NRd	Rid. NRd da VEd	Mx,Ed	Mx,Rd	My,Ed	My,Rd	Rid. Mx,Rd da VEd	Rid. Mx,Rd da NEd	Rid. My,Rd da VEd	Rid. My,Rd da NEd	α	β	px	py	Verifica
0	SLU 9	0.779	1	-15.195	1748.993	1	21.203	143.9228	42.6656	68.4599	1		1				0	0	Si

Verifica a presso/tenso flessione deviata SLD §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

Verifiche eseguite utilizzando la formula conservativa (6.2) §6.2.1 EN 1993-1-1:2005.

X	Comb.	Sfruttamento	Classe	NEd	NRd	Rid. NRd da VEd	Mx,Ed	Mx,Rd	My,Ed	My,Rd	Rid. Mx,Rd da VEd	Rid. Mx,Rd da NEd	Rid. My,Rd da VEd	Rid. My,Rd da NEd	α	β	px	py	Verifica
0	SLD 10	0.098	1	-4.957	1748.993	1	1.4337	143.9228	-5.824	68.4599	1		1				0	0	Si

Verifiche ad instabilità

Caratteristiche iniziali

Membratura principale per controllo snellezza; Calcolo di snellezze ed N critici condotti secondo gli assi principali;

Curva X: b; Curva Y: c; Svergolamento: Carico all'estradosso; Curva svergolamento: b;

Dati per instabilità attorno a x

Controllo della snellezza secondo §4.2.4.1.3.1 NTC18

Numero rit.	Presente	Ascissa	Campata	βx/m	Vincolo a entrambi estremi	λx/m	λVer
1	Si	0					
2	Si	4.3	1-2		Si	50.3	Si, (<200)

Dati per instabilità attorno a y

Controllo della snellezza secondo §4.2.4.1.3.1 NTC18

Numero rit.	Presente	Ascissa	Campata	βy/n	k,LT	kw,LT	Vincolo a entrambi estremi	λy/n	λVer
1	Si	0							

Numero rit.	Presente	Ascissa	Campata	$\beta y/n$	k,LT	kw,LT	Vincolo a entrambi estremi	$\lambda y/n$	λVer
			1-2	1	1	1	Si	84.9	Si, (<200)
2	Si	4.3							

Verifica di stabilità per pressoflessione §C.4.2.4.1.3.3.2 NTC18

X	Comb.	Sfruttamento	Classe	NEd	NRk	Mx,Ed max	Mx,Rk	My,Ed max	My,Rk	χ_x	χ_y	kxx	kxy	kyy	χ_{LT}	Verifica	
0	SLU 9	0.477	1	-15.195	1836.443	21.20304	151.11895	42.66558	71.88285	0.868	0.597	0.41	0.283	0.992	0.472	0.871	Si

Verifica di stabilità per pressoflessione SLD §C.4.2.4.1.3.3.2 NTC18

X	Comb.	Sfruttamento	Classe	NEd	NRk	Mx,Ed max	Mx,Rk	My,Ed max	My,Rk	χ_x	χ_y	kxx	kxy	kyy	χ_{LT}	Verifica	
0	SLD 10	0.066	1	-4.957	1836.443	1.43366	151.11895	5.82399	71.88285	0.868	0.597	0.601	0.362	0.999	0.603	0.972	Si

Verifica di stabilità a taglio anima Y §4.2.4.1.2.4 [4.2.27] NTC18

η	hw	tw	hw/tw max	Verifica	
1.2		0.17	0.009	60	Si

Verifica di stabilità a taglio anima Y SLD §4.2.4.1.2.4 [4.2.27] NTC18

η	hw	tw	hw/tw max	Verifica	
1.2		0.17	0.009	60	Si

Verifiche a deformabilità

Mensola X: No; Mensola Y: No.

Verifiche non eseguite in quanto il superelemento è verticale.

Superelemento in acciaio "Platea di fondazione"- "Livello gronda" filo 6

Caratteristiche del materiale

Acciaio: S235, fyk = 235000

Caratteristiche geometriche

Lunghezza: 4.3

Nodo iniziale: 248 Nodo finale: 265

Cerniera iniziale: No Cerniera finale: No

Sovreresistenza: 0% Sisma Z: No

Caratteristiche della sezione

Sezione	Rotazione	Area	Jx	Jy	ix	iy	Wx	Wy	Wplx	Wply
HEB200	90	0.007815	0.0000570021	0.0000200347	0.0854	0.0506	0.00057002	0.00020035	0.00064306	0.00030588

Verifiche di resistenza

Verifiche a forza assiale §4.2.4.1.2.1 - §4.2.4.1.2.2 NTC18

X	Comb.	Sfruttamento	Classe	NEd	Nc,Rd	Nt,Rd	Riduzione da taglio	px	py	Verifica
0	SLU 12	0.013	1	-22.927	1748.993		1	0	0	Si

Verifiche a forza assiale SLD §4.2.4.1.2.1 - §4.2.4.1.2.2 NTC18

X	Comb.	Sfruttamento	Classe	NEd	Nc,Rd	Nt,Rd	Riduzione da taglio	px	py	Verifica
0	SLD 7	0.003	1	-5.061	1748.993		1	0	0	Si

Verifica a taglio X §4.2.4.1.2.4 NTC18

X	Comb.	Sfruttamento	VEd	Vc,Rd	Av	Interazione taglio-torsione	Riduzione torsione	Verifica
0	SLU 4	0.021	16.662	812.081	0.006285	Considerata	1	Si

Verifica a taglio X SLD §4.2.4.1.2.4 NTC18

X	Comb.	Sfruttamento	VEd	Vc,Rd	Av	Interazione taglio-torsione	Riduzione torsione	Verifica
0	SLD 9	0.002	-1.357	812.081	0.006285	Considerata	1	Si

Verifica a taglio Y §4.2.4.1.2.4 NTC18

X	Comb.	Sfruttamento	VEd	Vc,Rd	Av	Interazione taglio-torsione	Riduzione torsione	Verifica
0	SLU 2	0.049	-15.686	321.704	0.00249	Considerata	1	Si

Verifica a taglio Y SLD §4.2.4.1.2.4 NTC18

X	Comb.	Sfruttamento	VEd	Vc,Rd	Av	Interazione taglio-torsione	Riduzione torsione	Verifica
0	SLD 4	0.003	1.058	321.704	0.00249	Considerata	1	Si

Verifica a presso/tenso flessione retta X §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

Verifiche eseguite utilizzando la formula conservativa (6.2) §6.2.1 EN 1993-1-1:2005.

X	Comb.	Sfruttamento	Classe	NEd	NRd	Rid. NRd da VEd	Mx,Ed	Mx,Rd	Rid. Mx,Rd da VEd	Rid. Mx,Rd da NEd	px	py	Verifica
4.013	SLU 10	0.012	1	-19.416	1748.993	1	-0.0576	143.9228	1		0	0	Si

Verifica a presso/tenso flessione retta Y §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

Verifiche eseguite utilizzando la formula conservativa (6.2) §6.2.1 EN 1993-1-1:2005.

X	Comb.	Sfruttamento	Classe	NEd	NRd	Rid. NRd da VEd	My,Ed	My,Rd	Rid. My,Rd da VEd	Rid. My,Rd da NEd	px	py	Verifica
4.013	SLU 9	0.022	1	-11.988	1748.993	1	1.0308	68.4599	1		0	0	Si

Verifica a presso/tenso flessione retta Y SLD §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

Verifiche eseguite utilizzando la formula conservativa (6.2) §6.2.1 EN 1993-1-1:2005.

X	Comb.	Sfruttamento	Classe	NEd	NRd	Rid. NRd da VEd	My,Ed	My,Rd	Rid. My,Rd da VEd	Rid. My,Rd da NEd	px	py	Verifica
4.157	SLD 7	0.004	1	-2.511	1748.993	1	0.1912	68.4599	1		0	0	Si

Verifica a presso/tenso flessione deviata §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

Verifiche eseguite utilizzando la formula conservativa (6.2) §6.2.1 EN 1993-1-1:2005.

X	Comb.	Sfruttamento	Classe	NEd	NRd	Rid. NRd da VEd	Mx,Ed	Mx,Rd	My,Ed	My,Rd	Rid. Mx,Rd da VEd	Rid. Mx,Rd da NEd	Rid. My,Rd da VEd	Rid. My,Rd da NEd	α	β	px	py	Verifica
0	SLU 9	0.764	1	-15.189	1748.993	1	19.3961	143.9228	42.5125	68.4599	1		1				0	0	Si

Verifica a presso/tenso flessione deviata SLD §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

Verifiche eseguite utilizzando la formula conservativa (6.2) §6.2.1 EN 1993-1-1:2005.

X	Comb.	Sfruttamento	Classe	NEd	NRd	Rid. NRd da VEd	Mx,Ed	Mx,Rd	My,Ed	My,Rd	Rid. Mx,Rd da VEd	Rid. Mx,Rd da NEd	Rid. My,Rd da VEd	Rid. My,Rd da NEd	α	β	px	py	Verifica
0	SLD 5	0.098	1	-4.957	1748.993	1	-1.4336	143.9228	-5.825	68.4599	1		1				0	0	Si

Verifiche ad instabilità

Caratteristiche iniziali

Membratura principale per controllo snellezza; Calcolo di snellezze ed N critici condotti secondo gli assi principali;

Curva X: b; Curva Y: c; Svergolamento: Carico all'estradosso; Curva svergolamento: b;

Dati per instabilità attorno a x

Controllo della snellezza secondo §4.2.4.1.3.1 NTC18

Numero rit.	Presente	Ascissa	Campata	βx/m	Vincolo a entrambi estremi	λx/m	λVer
1	Si	0					
2	Si	4.3	1-2		Si	50.3	Si, (<200)

Dati per instabilità attorno a y

Controllo della snellezza secondo §4.2.4.1.3.1 NTC18

Numero rit.	Presente	Ascissa	Campata	βy/n	k,LT	kw,LT	Vincolo a entrambi estremi	λy/n	λVer
1	Si	0							

Numero rit.	Presente	Ascissa	Campata	$\beta y/n$	k,LT	kw,LT	Vincolo a entrambi estremi	$\lambda y/n$	λVer
			1-2	1	1	1	Si	84.9	Si, (<200)
2	Si	4.3							

Verifica di stabilità per pressoflessione §C.4.2.4.1.3.3.2 NTC18

X	Comb.	Sfruttamento	Classe	NEd	NRk	Mx,Ed max	Mx,Rk	My,Ed max	My,Rk	χ_x	χ_y	kxx	kxy	kyy	χ_{LT}	Verifica	
0	SLU 9	0.461	1	-15.189	1836.443	19.39612	151.11895	42.51248	71.88285	0.868	0.597	0.401	0.283	0.991	0.472	0.871	Si

Verifica di stabilità per pressoflessione SLD §C.4.2.4.1.3.3.2 NTC18

X	Comb.	Sfruttamento	Classe	NEd	NRk	Mx,Ed max	Mx,Rk	My,Ed max	My,Rk	χ_x	χ_y	kxx	kxy	kyy	χ_{LT}	Verifica	
0	SLD 5	0.066	1	-4.957	1836.443	1.43361	151.11895	5.82496	71.88285	0.868	0.597	0.601	0.362	0.999	0.603	0.972	Si

Verifica di stabilità a taglio anima Y §4.2.4.1.2.4 [4.2.27] NTC18

η	hw	tw	hw/tw max	Verifica	
1.2		0.17	0.009	60	Si

Verifica di stabilità a taglio anima Y SLD §4.2.4.1.2.4 [4.2.27] NTC18

η	hw	tw	hw/tw max	Verifica	
1.2		0.17	0.009	60	Si

Verifiche a deformabilità

Mensola X: No; Mensola Y: No.

Verifiche non eseguite in quanto il superelemento è verticale.

Superelemento in acciaio a "Falda 1" 1-2

Caratteristiche del materiale

Acciaio: S235, fyk = 235000

Caratteristiche geometriche

Lunghezza: 5.05

Nodo iniziale: 262 Nodo finale: 263

Cerniera iniziale: Svincolo: M2, M3 Cerniera finale: Svincolo: M2, M3

Sovreresistenza: 0% Sisma Z: No

Caratteristiche della sezione

Sezione	Rotazione	Area	Jx	Jy	ix	iy	Wx	Wy	Wplx	Wply
IPE240	0	0.003916	0.0000389661	0.0000028368	0.0998	0.0269	0.00032472	0.00004728	0.00036712	0.00007396

Verifiche di resistenza

Verifica a taglio Y §4.2.4.1.2.4 NTC18

X	Comb.	Sfruttamento	VEd	Vc,Rd	Av	Interazione taglio-torsione	Riduzione torsione	Verifica
0	SLU 1	0.004	1.009	247.955	0.001919	Considerata	1	Si

Verifica a taglio Y SLD §4.2.4.1.2.4 NTC18

X	Comb.	Sfruttamento	VEd	Vc,Rd	Av	Interazione taglio-torsione	Riduzione torsione	Verifica
0	SLD 1	0.003	0.776	247.955	0.001919	Considerata	1	Si

Verifica a flessione semplice X §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

X	Comb.	Sfruttamento	Classe	Mx,Ed	Mx,Rd	Rid. Mx,Rd da VEd	px	py	Verifica
2.525	SLU 19	0.016	1	-1.27399	82.16496	1	0	0	Si

Verifica a flessione semplice X SLD §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

X	Comb.	Sfruttamento	Classe	Mx,Ed	Mx,Rd	Rid. Mx,Rd da VEd	px	py	Verifica
2.525	SLD 15	0.012	1	-0.97999	82.16496	1	0	0	Si

Verifiche ad instabilità

Caratteristiche iniziali

Membratura principale per controllo snellezza; Calcolo di snellezze ed N critici condotti secondo gli assi principali;

Curva X: a; Curva Y: b; Svergolamento: Carico all'estradosso; Curva svergolamento: b;

Dati per instabilità attorno a x

Controllo della snellezza secondo §4.2.4.1.3.1 NTC18

Numero rit.	Presente	Ascissa	Campata	$\beta x/m$	Vincolo a entrambi estremi	$\lambda x/m$	λVer
1	Si	0	1-2	1	Si	50.6	Si, (<200)
2	Si	5.05					

Dati per instabilità attorno a y

Controllo della snellezza secondo §4.2.4.1.3.1 NTC18

Numero rit.	Presente	Ascissa	Campata	$\beta y/n$	k,LT	k_w,LT	Vincolo a entrambi estremi	$\lambda y/n$	λVer
1	Si	0	1-2	1	1	1	Si	187.6	Si, (<200)
2	Si	5.05							

Verifica a svergolamento §4.2.4.1.3.2 NTC18

X	Comb.	Sfruttamento	Classe	Obblig.	Mx,Ed	Mb,Rd,x	χ,LT	$\lambda adim. LT$	L,LT	M,critico	Verifica
2.525	SLU 19	0.033	1	Si	-1.27399	38.3539	0.467	1.413	5.05	43.23472	Si

Verifica a svergolamento SLD §4.2.4.1.3.2 NTC18

X	Comb.	Sfruttamento	Classe	Obblig.	Mx,Ed	Mb,Rd,x	χ,LT	$\lambda adim. LT$	L,LT	M,critico	Verifica
2.525	SLD 15	0.026	1	Si	-0.97999	38.3539	0.467	1.413	5.05	43.23472	Si

Verifica di stabilità a taglio anima Y §4.2.4.1.2.4 [4.2.27] NTC18

η	hw	tw	hw/tw max	Verifica
1.2	0.22	0.006	60	Si

Verifica di stabilità a taglio anima Y SLD §4.2.4.1.2.4 [4.2.27] NTC18

η	hw	tw	hw/tw max	Verifica
1.2	0.22	0.006	60	Si

Verifiche a deformabilità

Mensola X: No; Mensola Y: No.

Frecce lungo X

Ascissa freccia	Combinazione	Freccia	Luce	L/f	L/f,min	Tipo	Verifica
0.505	SLE RA 1	0	5.05	10000	250	Totale	Si
0.168	SLE RA 19	0	5.05	10000	250	Totale	Si
0.337	SLE RA 18	0	5.05	10000	250	Totale	Si
1.178	SLE RA 17	0	5.05	10000	250	Totale	Si
0.337	SLE RA 16	0	5.05	10000	250	Totale	Si
4.882	SLE RA 2	0	5.05	10000	350	Variabile	Si
0.168	SLE RA 19	0	5.05	10000	350	Variabile	Si
0.673	SLE RA 18	0	5.05	10000	350	Variabile	Si
1.178	SLE RA 17	0	5.05	10000	350	Variabile	Si
0.337	SLE RA 16	0	5.05	10000	350	Variabile	Si

Frecce lungo Y

Ascissa freccia	Combinazione	Freccia	Luce	L/f	L/f,min	Tipo	Verifica
2.525	SLE RA 1	-0.00033	5.05	10000	250	Totale	Si
2.525	SLE RA 19	-0.00033	5.05	10000	250	Totale	Si
2.525	SLE RA 18	-0.00033	5.05	10000	250	Totale	Si
2.525	SLE RA 17	-0.00033	5.05	10000	250	Totale	Si
2.525	SLE RA 16	-0.00033	5.05	10000	250	Totale	Si

Ascissa freccia	Combinazione	Freccia	Luce	L/f	L/f,min	Tipo	Verifica
4.882	SLE RA 2	0	5.05	10000	350	Variabile	Si
0.673	SLE RA 19	0	5.05	10000	350	Variabile	Si
4.882	SLE RA 18	0	5.05	10000	350	Variabile	Si
0.337	SLE RA 17	0	5.05	10000	350	Variabile	Si
1.178	SLE RA 16	0	5.05	10000	350	Variabile	Si

Superelemento in acciaio a "Falda 1" 1-3

Caratteristiche del materiale

Acciaio: S235, fyk = 235000

Caratteristiche geometriche

Lunghezza: 4.381

Nodo iniziale: 262 Nodo finale: 266

Cerniera iniziale: Svincolo: M2, M3 Cerniera finale: Svincolo: M2, M3

Sovreresistenza: 0% Sisma Z: No

Caratteristiche della sezione

Sezione	Rotazione	Area	Jx	Jy	ix	iy	Wx	Wy	Wplx	Wply
IPE200	0	0.002851	0.0000194538	0.0000014239	0.0826	0.0223	0.00019454	0.00002848	0.00022089	0.00004463

Verifiche di resistenza

Verifiche a forza assiale §4.2.4.1.2.1 - §4.2.4.1.2.2 NTC18

X	Comb.	Sfruttamento	Classe	NEd	Nc,Rd	Nt,Rd	Riduzione da taglio	px	py	Verifica
4.381	SLU 8	0.008		4.898		638.151	1	0	0	Si

Verifiche a forza assiale SLD §4.2.4.1.2.1 - §4.2.4.1.2.2 NTC18

X	Comb.	Sfruttamento	Classe	NEd	Nc,Rd	Nt,Rd	Riduzione da taglio	px	py	Verifica
4.381	SLD 8	0.001		0.594		638.151	1	0	0	Si

Verifica a taglio Y §4.2.4.1.2.4 NTC18

X	Comb.	Sfruttamento	VEd	Vc,Rd	Av	Interazione taglio-torsione	Riduzione torsione	Verifica
0	SLU 11	0.099	17.953	181.052	0.001403	Considerata	1	Si

Verifica a taglio Y SLD §4.2.4.1.2.4 NTC18

X	Comb.	Sfruttamento	VEd	Vc,Rd	Av	Interazione taglio-torsione	Riduzione torsione	Verifica
0	SLD 1	0.009	1.576	181.123	0.001403	Considerata	1	Si

Verifica a torsione §4.2.4.1.2.5 NTC18

X	Comb.	Sfruttamento torsione	TEd	TRd	Riduzione taglio resistente	Sfruttamento taglio-torsione	τEd,totale	τRd	Verifica
0	SLU 2	0.005	-0.00411	0.78524	Considerata				Si

Verifica a torsione SLD §4.2.4.1.2.5 NTC18

X	Comb.	Sfruttamento torsione	TEd	TRd	Riduzione taglio resistente	Sfruttamento taglio-torsione	τEd,totale	τRd	Verifica
0	SLD 1	0.002	-0.0017	0.78524	Considerata				Si

Verifica a flessione semplice X §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

X	Comb.	Sfruttamento	Classe	Mx,Ed	Mx,Rd	Rid. Mx,Rd da VEd	px	py	Verifica
2.191	SLU 10	0.398	1	-19.66365	49.43763	1	0	0	Si

Verifica a flessione semplice X SLD §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

X	Comb.	Sfruttamento	Classe	Mx,Ed	Mx,Rd	Rid. Mx,Rd da VEd	px	py	Verifica
2.191	SLD 13	0.035	1	-1.7263	49.43763	1	0	0	Si

Verifica a presso/tenso flessione retta X §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

Verifiche eseguite utilizzando la formula conservativa (6.2) §6.2.1 EN 1993-1-1:2005.

X	Comb.	Sfruttamento	Classe	NEd	NRd	Rid. NRd da VEd	Mx,Ed	Mx,Rd	Rid. Mx,Rd da VEd	Rid. Mx,Rd da NEd	px	py	Verifica
2.191	SLU 12	0.401	1	1.993	638.151	1	-19.6636	49.4376	1		0	0	Si

Verifica a presso/tenso flessione retta X SLD §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

Verifiche eseguite utilizzando la formula conservativa (6.2) §6.2.1 EN 1993-1-1:2005.

X	Comb.	Sfruttamento	Classe	NEd	NRd	Rid. NRd da VEd	Mx,Ed	Mx,Rd	Rid. Mx,Rd da VEd	Rid. Mx,Rd da NEd	px	py	Verifica
2.191	SLD 8	0.035	1	0.34	638.151	1	-1.7263	49.4376	1		0	0	Si

Verifiche ad instabilità

Caratteristiche iniziali

Membratura principale per controllo snellezza; Calcolo di snellezze ed N critici condotti secondo gli assi principali;

Curva X: a; Curva Y: b; Svergolamento: Carico all'estradosso; Curva svergolamento: b;

Dati per instabilità attorno a x

Controllo della snellezza secondo §4.2.4.1.3.1 NTC18

Numero rit.	Presente	Ascissa	Campata	βx/m	Vincolo a entrambi estremi	λx/m	λVer
1	Si	0					
			1-2		1	53	Si, (<200)
2	Si	4.381					

Dati per instabilità attorno a y

Controllo della snellezza secondo §4.2.4.1.3.1 NTC18

Numero rit.	Presente	Ascissa	Campata	βy/n	k,LT	kw,LT	Vincolo a entrambi estremi	λy/n	λVer
1	Si	0							
			1-2	1	1	1	Si	196.1	Si, (<200)
2	Si	4.381							

Verifica a svergolamento §4.2.4.1.3.2 NTC18

X	Comb.	Sfruttamento	Classe	Obblig.	Mx,Ed	Mb,Rd,x	χ,LT	λ adim. LT	L,LT	M,critico	Verifica
2.191	SLU 10	0.85	1	Si	-19.66365	23.13208	0.468	1.41	4.381	26.10014	Si

Verifica a svergolamento SLD §4.2.4.1.3.2 NTC18

X	Comb.	Sfruttamento	Classe	Obblig.	Mx,Ed	Mb,Rd,x	χ,LT	λ adim. LT	L,LT	M,critico	Verifica
2.191	SLD 14	0.075	1	Si	-1.7263	23.13208	0.468	1.41	4.381	26.10014	Si

Verifica a svergolamento con trazione §4.2.4.1.3.2 NTC18 § 5.5.3 ENV 1993-1-1:1992 + AC:1992 + A1:1994 + A2:1998

X	Comb.	Sfruttamento	Classe	Obblig.	NEd	Mx,Ed	Mx,Eff,Ed	Mb,Rd,x	χ,LT	λ adim. LT	L,LT	M,critico	Verifica
2.191	SLU 13	0.846	1	Si	1.975	-19.66365	-19.5693	23.13208	0.468	1.41	4.381	26.10014	Si

Verifica a svergolamento con trazione SLD §4.2.4.1.3.2 NTC18 § 5.5.3 ENV 1993-1-1:1992 + AC:1992 + A1:1994 + A2:1998

X	Comb.	Sfruttamento	Classe	Obblig.	NEd	Mx,Ed	Mx,Eff,Ed	Mb,Rd,x	χ,LT	λ adim. LT	L,LT	M,critico	Verifica
2.191	SLD 11	0.074	1	Si	0.338	-1.7263	-1.71015	23.13208	0.468	1.41	4.381	26.10014	Si

Verifica di stabilità per pressoflessione §C.4.2.4.1.3.3.2 NTC18

X	Comb.	Sfruttamento	Classe	NEd	NRk	Mx,Ed max	Mx,Rk	My,Ed max	My,Rk	χ,x	χ,y	kxx	kxy	kyy	χ,LT	Verifica	
0	SLU 11	0.87	1	-2.873	670.059	19.66365	51.90951	0	10.48875	0.903	0.194	0.952	0.372	0.997	0.619	0.468	Si

Verifica di stabilità per pressoflessione SLD §C.4.2.4.1.3.3.2 NTC18

X	Comb.	Sfruttamento	Classe	NEd	NRk	Mx,Ed max	Mx,Rk	My,Ed max	My,Rk	χ,x	χ,y	kxx	kxy	kyy	χ,LT	Verifica	
0	SLD 10	0.079	1	-0.572	670.059	1.7263	51.90951	0	10.48875	0.903	0.194	0.95	0.362	0.999	0.604	0.468	Si

Verifica di stabilità a taglio anima Y §4.2.4.1.2.4 [4.2.27] NTC18

η	hw	tw	hw/tw max	Verifica
1.2		0.183	60	Si

Verifica di stabilità a taglio anima Y SLD §4.2.4.1.2.4 [4.2.27] NTC18

η	hw	tw	hw/tw max	Verifica
1.2		0.183	60	Si

Verifiche a deformabilità

Mensola X: No; Mensola Y: No.

Frecce lungo X

Ascissa freccia	Combinazione	Freccia	Luce	L/f	L/f,min	Tipo	Verifica
0.438	SLE RA 1	0	4.381	10000	250	Totale	Si
0.584	SLE RA 19	0	4.381	10000	250	Totale	Si
1.753	SLE RA 18	0	4.381	10000	250	Totale	Si
0.584	SLE RA 17	0	4.381	10000	250	Totale	Si
4.235	SLE RA 16	0	4.381	10000	250	Totale	Si
0.584	SLE RA 2	0	4.381	10000	350	Variabile	Si
0.584	SLE RA 19	0	4.381	10000	350	Variabile	Si
1.753	SLE RA 18	0	4.381	10000	350	Variabile	Si
0.584	SLE RA 17	0	4.381	10000	350	Variabile	Si
4.235	SLE RA 16	0	4.381	10000	350	Variabile	Si

Frecce lungo Y

Ascissa freccia	Combinazione	Freccia	Luce	L/f	L/f,min	Tipo	Verifica
2.191	SLE RA 12	-0.00659	4.381	664.7	250	Totale	Si
2.191	SLE RA 10	-0.00659	4.381	664.7	250	Totale	Si
2.191	SLE RA 13	-0.00659	4.381	664.7	250	Totale	Si
2.191	SLE RA 11	-0.00659	4.381	664.7	250	Totale	Si
2.191	SLE RA 18	-0.00522	4.381	838.9	250	Totale	Si
2.191	SLE RA 12	-0.00573	4.381	764.9	350	Variabile	Si
2.191	SLE RA 10	-0.00573	4.381	764.9	350	Variabile	Si
2.191	SLE RA 11	-0.00573	4.381	764.9	350	Variabile	Si
2.191	SLE RA 13	-0.00573	4.381	764.9	350	Variabile	Si
2.191	SLE RA 18	-0.00436	4.381	1005	350	Variabile	Si

Superelemento in acciaio a "Falda 1" 4-2

Caratteristiche del materiale

Acciaio: S235, fyk = 235000

Caratteristiche geometriche

Lunghezza: 4.381

Nodo iniziale: 267 Nodo finale: 263

Cerniera iniziale: Svincolo: M2, M3 Cerniera finale: Svincolo: M2, M3

Sovreresistenza: 0% Sisma Z: No

Caratteristiche della sezione

Sezione	Rotazione	Area	Jx	Jy	ix	iy	Wx	Wy	Wplx	Wply
IPE200	0	0.002851	0.0000194538	0.0000014239	0.0826	0.0223	0.00019454	0.00002848	0.00022089	0.00004463

Verifiche di resistenza

Verifiche a forza assiale §4.2.4.1.2.1 - §4.2.4.1.2.2 NTC18

X	Comb.	Sfruttamento	Classe	NEd	Nc,Rd	Nt,Rd	Riduzione da taglio	px	py	Verifica
0	SLU 9	0.008		4.916		638.151	1	0	0	Si

Verifiche a forza assiale SLD §4.2.4.1.2.1 - §4.2.4.1.2.2 NTC18

X	Comb.	Sfruttamento	Classe	NEd	Nc,Rd	Nt,Rd	Riduzione da taglio	px	py	Verifica
0	SLD 12	0.001		0.594		638.151	1	0	0	Si

Verifica a taglio Y §4.2.4.1.2.4 NTC18

X	Comb.	Sfruttamento	VEd	Vc,Rd	Av	Interazione taglio-torsione	Riduzione torsione	Verifica
4.381	SLU 13	0.099	-17.953	181.05	0.001403	Considerata	1	Si

Verifica a taglio Y SLD §4.2.4.1.2.4 NTC18

X	Comb.	Sfruttamento	VEd	Vc,Rd	Av	Interazione taglio-torsione	Riduzione torsione	Verifica
4.381	SLD 14	0.009	-1.576	181.123	0.001403	Considerata	1	Si

Verifica a torsione §4.2.4.1.2.5 NTC18

X	Comb.	Sfruttamento torsione	TEd	TRd	Riduzione taglio resistente	Sfruttamento taglio-torsione	τEd,totale	τRd	Verifica
4.381	SLU 7	0.005	-0.00412	0.78524	Considerata				Si

Verifica a torsione SLD §4.2.4.1.2.5 NTC18

X	Comb.	Sfruttamento torsione	TEd	TRd	Riduzione taglio resistente	Sfruttamento taglio-torsione	τEd,totale	τRd	Verifica
4.089	SLD 14	0.002	0.0017	0.78524	Considerata				Si

Verifica a flessione semplice X §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

X	Comb.	Sfruttamento	Classe	Mx,Ed	Mx,Rd	Rid. Mx,Rd da VEd	px	py	Verifica
2.191	SLU 11	0.398	1	-19.66365	49.43763	1	0	0	Si

Verifica a flessione semplice X SLD §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

X	Comb.	Sfruttamento	Classe	Mx,Ed	Mx,Rd	Rid. Mx,Rd da VEd	px	py	Verifica
2.191	SLD 1	0.035	1	-1.7263	49.43763	1	0	0	Si

Verifica a presso/tenso flessione retta X §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

Verifiche eseguite utilizzando la formula conservativa (6.2) §6.2.1 EN 1993-1-1:2005.

X	Comb.	Sfruttamento	Classe	NEd	NRd	Rid. NRd da VEd	Mx,Ed	Mx,Rd	Rid. Mx,Rd da VEd	Rid. Mx,Rd da NEd	px	py	Verifica
2.191	SLU 13	0.401	1	2.011	638.151	1	-19.6636	49.4376	1		0	0	Si

Verifica a presso/tenso flessione retta X SLD §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

Verifiche eseguite utilizzando la formula conservativa (6.2) §6.2.1 EN 1993-1-1:2005.

X	Comb.	Sfruttamento	Classe	NEd	NRd	Rid. NRd da VEd	Mx,Ed	Mx,Rd	Rid. Mx,Rd da VEd	Rid. Mx,Rd da NEd	px	py	Verifica
2.191	SLD 11	0.035	1	0.34	638.151	1	-1.7263	49.4376	1		0	0	Si

Verifiche ad instabilità

Caratteristiche iniziali

Membratura principale per controllo snellezza; Calcolo di snellezze ed N critici condotti secondo gli assi principali;

Curva X: a; Curva Y: b; Svergolamento: Carico all'estradosso; Curva svergolamento: b;

Dati per instabilità attorno a x

Controllo della snellezza secondo §4.2.4.1.3.1 NTC18

Numero rit.	Presente	Ascissa	Campata	βx/m	Vincolo a entrambi estremi	λx/m	λVer
1	Si	0					
			1-2		1	53	Si, (<200)
2	Si	4.381					

Dati per instabilità attorno a y

Controllo della snellezza secondo §4.2.4.1.3.1 NTC18

Numero rit.	Presente	Ascissa	Campata	βy/n	k,LT	kw,LT	Vincolo a entrambi estremi	λy/n	λVer
1	Si	0							
			1-2	1	1	1	Si	196.1	Si, (<200)
2	Si	4.381							

Verifica a svergolamento §4.2.4.1.3.2 NTC18

X	Comb.	Sfruttamento	Classe	Obblig.	Mx,Ed	Mb,Rd,x	χ,LT	λ adim. LT	L,LT	M,critico	Verifica
2.191	SLU 11	0.85	1	Si	-19.66365	23.13208	0.468	1.41	4.381	26.10014	Si

Verifica a svergolamento SLD §4.2.4.1.3.2 NTC18

X	Comb.	Sfruttamento	Classe	Obblig.	Mx,Ed	Mb,Rd,x	χ,LT	λ adim. LT	L,LT	M,critico	Verifica
2.191	SLD 1	0.075	1	Si	-1.7263	23.13208	0.468	1.41	4.381	26.10014	Si

Verifica a svergolamento con trazione §4.2.4.1.3.2 NTC18 § 5.5.3 ENV 1993-1-1:1992 + AC:1992 + A1:1994 + A2:1998

X	Comb.	Sfruttamento	Classe	Obblig.	NEd	Mx,Ed	Mx,Eff,Ed	Mb,Rd,x	χ,LT	λ adim. LT	L,LT	M,critico	Verifica
2.191	SLU 12	0.846	1	Si	1.993	-19.66365	-19.56847	23.13208	0.468	1.41	4.381	26.10014	Si

Verifica a svergolamento con trazione SLD §4.2.4.1.3.2 NTC18 § 5.5.3 ENV 1993-1-1:1992 + AC:1992 + A1:1994 + A2:1998

X	Comb.	Sfruttamento	Classe	Obblig.	NEd	Mx,Ed	Mx,Eff,Ed	Mb,Rd,x	χ,LT	λ adim. LT	L,LT	M,critico	Verifica
2.191	SLD 7	0.074	1	Si	0.338	-1.7263	-1.71017	23.13208	0.468	1.41	4.381	26.10014	Si

Verifica di stabilità per pressoflessione §C.4.2.4.1.3.3.2 NTC18

X	Comb.	Sfruttamento	Classe	NEd	NRk	Mx,Ed max	Mx,Rk	My,Ed max	My,Rk	χ,x	χ,y	kxx	kxy	kyy	χ,LT	Verifica	
4.381	SLU 10	0.87	1	-2.856	670.059	19.66365	51.90951	0	10.48875	0.903	0.194	0.952	0.372	0.997	0.619	0.468	Si

Verifica di stabilità per pressoflessione SLD §C.4.2.4.1.3.3.2 NTC18

X	Comb.	Sfruttamento	Classe	NEd	NRk	Mx,Ed max	Mx,Rk	My,Ed max	My,Rk	χ,x	χ,y	kxx	kxy	kyy	χ,LT	Verifica	
4.381	SLD 6	0.079	1	-0.572	670.059	1.7263	51.90951	0	10.48875	0.903	0.194	0.95	0.362	0.999	0.604	0.468	Si

Verifica di stabilità a taglio anima Y §4.2.4.1.2.4 [4.2.27] NTC18

η	hw	tw	hw/tw max	Verifica
1.2		0.183	60	Si

Verifica di stabilità a taglio anima Y SLD §4.2.4.1.2.4 [4.2.27] NTC18

η	hw	tw	hw/tw max	Verifica
1.2		0.183	60	Si

Verifiche a deformabilità

Mensola X: No; Mensola Y: No.

Freccie lungo X

Ascissa freccia	Combinazione	Freccia	Luce	L/f	L/f,min	Tipo	Verifica
2.045	SLE RA 1	0	4.381	10000	250	Totale	Si
3.943	SLE RA 19	0	4.381	10000	250	Totale	Si
2.629	SLE RA 18	0	4.381	10000	250	Totale	Si
3.943	SLE RA 17	0	4.381	10000	250	Totale	Si
0.292	SLE RA 16	0	4.381	10000	250	Totale	Si
3.943	SLE RA 2	0	4.381	10000	350	Variabile	Si
3.943	SLE RA 19	0	4.381	10000	350	Variabile	Si
2.629	SLE RA 18	0	4.381	10000	350	Variabile	Si
3.943	SLE RA 17	0	4.381	10000	350	Variabile	Si
0.292	SLE RA 16	0	4.381	10000	350	Variabile	Si

Freccie lungo Y

Ascissa freccia	Combinazione	Freccia	Luce	L/f	L/f,min	Tipo	Verifica
2.191	SLE RA 11	-0.00659	4.381	664.7	250	Totale	Si
2.191	SLE RA 10	-0.00659	4.381	664.7	250	Totale	Si
2.191	SLE RA 13	-0.00659	4.381	664.7	250	Totale	Si
2.191	SLE RA 12	-0.00659	4.381	664.7	250	Totale	Si
2.191	SLE RA 19	-0.00522	4.381	838.9	250	Totale	Si
2.191	SLE RA 11	-0.00573	4.381	764.9	350	Variabile	Si
2.191	SLE RA 10	-0.00573	4.381	764.9	350	Variabile	Si
2.191	SLE RA 13	-0.00573	4.381	764.9	350	Variabile	Si
2.191	SLE RA 12	-0.00573	4.381	764.9	350	Variabile	Si
2.191	SLE RA 19	-0.00436	4.381	1005	350	Variabile	Si

Superelemento in acciaio a "Falda 2" 3-5

Caratteristiche del materiale

Acciaio: S235, fyk = 235000

Caratteristiche geometriche

Lunghezza: 4.381

Nodo iniziale: 266 Nodo finale: 264

Cerniera iniziale: Svincolo: M2, M3 Cerniera finale: Svincolo: M2, M3

Sovreresistenza: 0% Sisma Z: No

Caratteristiche della sezione

Sezione	Rotazione	Area	Jx	Jy	ix	iy	Wx	Wy	Wplx	Wply
IPE200	0	0.002851	0.0000194538	0.0000014239	0.0826	0.0223	0.00019454	0.00002848	0.00022089	0.00004463

Verifiche di resistenza

Verifiche a forza assiale §4.2.4.1.2.1 - §4.2.4.1.2.2 NTC18

X	Comb.	Sfruttamento	Classe	NEd	Nc,Rd	Nt,Rd	Riduzione da taglio	px	py	Verifica
4.381	SLU 9	0.008	1	-4.86	638.151		1	0	0	Si

Verifiche a forza assiale SLD §4.2.4.1.2.1 - §4.2.4.1.2.2 NTC18

X	Comb.	Sfruttamento	Classe	NEd	Nc,Rd	Nt,Rd	Riduzione da taglio	px	py	Verifica
0	SLD 6	0.001		0.594		638.151	1	0	0	Si

Verifica a taglio Y §4.2.4.1.2.4 NTC18

X	Comb.	Sfruttamento	VEd	Vc,Rd	Av	Interazione taglio-torsione	Riduzione torsione	Verifica
4.381	SLU 13	0.099	-17.953	181.051	0.001403	Considerata	1	Si

Verifica a taglio Y SLD §4.2.4.1.2.4 NTC18

X	Comb.	Sfruttamento	VEd	Vc,Rd	Av	Interazione taglio-torsione	Riduzione torsione	Verifica
4.381	SLD 4	0.009	-1.576	181.123	0.001403	Considerata	1	Si

Verifica a torsione §4.2.4.1.2.5 NTC18

X	Comb.	Sfruttamento torsione	TEd	TRd	Riduzione taglio resistente	Sfruttamento taglio-torsione	τEd,totale	τRd	Verifica
4.381	SLU 3	0.005	0.00412	0.78524	Considerata				Si

Verifica a torsione SLD §4.2.4.1.2.5 NTC18

X	Comb.	Sfruttamento torsione	TEd	TRd	Riduzione taglio resistente	Sfruttamento taglio-torsione	τEd,totale	τRd	Verifica
4.381	SLD 4	0.002	0.0017	0.78524	Considerata				Si

Verifica a flessione semplice X §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

X	Comb.	Sfruttamento	Classe	Mx,Ed	Mx,Rd	Rid. Mx,Rd da VEd	px	py	Verifica
2.191	SLU 11	0.398	1	-19.66365	49.43763	1	0	0	Si

Verifica a flessione semplice X SLD §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

X	Comb.	Sfruttamento	Classe	Mx,Ed	Mx,Rd	Rid. Mx,Rd da VEd	px	py	Verifica
2.191	SLD 3	0.035	1	-1.7263	49.43763	1	0	0	Si

Verifica a presso/tenso flessione retta X §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

Verifiche eseguite utilizzando la formula conservativa (6.2) §6.2.1 EN 1993-1-1:2005.

X	Comb.	Sfruttamento	Classe	NEd	NRd	Rid. NRd da VEd	Mx,Ed	Mx,Rd	Rid. Mx,Rd da VEd	Rid. Mx,Rd da NEd	px	py	Verifica
2.191	SLU 13	0.401	1	-1.911	638.151	1	-19.6636	49.4376	1		0	0	Si

Verifica a presso/tenso flessione retta X SLD §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

Verifiche eseguite utilizzando la formula conservativa (6.2) §6.2.1 EN 1993-1-1:2005.

X	Comb.	Sfruttamento	Classe	NEd	NRd	Rid. NRd da VEd	Mx,Ed	Mx,Rd	Rid. Mx,Rd da VEd	Rid. Mx,Rd da NEd	px	py	Verifica
2.191	SLD 5	0.035	1	0.34	638.151	1	-1.7263	49.4376	1		0	0	Si

Verifiche ad instabilità

Caratteristiche iniziali

Membratura principale per controllo snellezza; Calcolo di snellezze ed N critici condotti secondo gli assi principali;

Curva X: a; Curva Y: b; Svergolamento: Carico all'estradosso; Curva svergolamento: b;

Dati per instabilità attorno a x

Controllo della snellezza secondo §4.2.4.1.3.1 NTC18

Numero rit.	Presente	Ascissa	Campata	βx/m	Vincolo a entrambi estremi	λx/m	λVer
1	Si	0					
			1-2		1	53	Si, (<200)
2	Si	4.381					

Dati per instabilità attorno a y

Controllo della snellezza secondo §4.2.4.1.3.1 NTC18

Numero rit.	Presente	Ascissa	Campata	βy/n	k,LT	kw,LT	Vincolo a entrambi estremi	λy/n	λVer
1	Si	0							
			1-2	1	1	1	Si	196.1	Si, (<200)
2	Si	4.381							

Verifica a svergolamento §4.2.4.1.3.2 NTC18

X	Comb.	Sfruttamento	Classe	Obblig.	Mx,Ed	Mb,Rd,x	χ,LT	λ adim. LT	L,LT	M,critico	Verifica
2.191	SLU 11	0.85	1	Si	-19.66365	23.13208	0.468	1.41	4.381	26.10014	Si

Verifica a svergolamento SLD §4.2.4.1.3.2 NTC18

X	Comb.	Sfruttamento	Classe	Obblig.	Mx,Ed	Mb,Rd,x	χ,LT	λ adim. LT	L,LT	M,critico	Verifica
2.191	SLD 3	0.075	1	Si	-1.7263	23.13208	0.468	1.41	4.381	26.10014	Si

Verifica a svergolamento con trazione §4.2.4.1.3.2 NTC18 § 5.5.3 ENV 1993-1-1:1992 + AC:1992 + A1:1994 + A2:1998

X	Comb.	Sfruttamento	Classe	Obblig.	NEd	Mx,Ed	Mx,Eff,Ed	Mb,Rd,x	χ,LT	λ adim. LT	L,LT	M,critico	Verifica
1.899	SLU 11	0.834	1	Si	0.42	-19.31402	-19.29398	23.13208	0.468	1.41	4.381	26.10014	Si

Verifica a svergolamento con trazione SLD §4.2.4.1.3.2 NTC18 § 5.5.3 ENV 1993-1-1:1992 + AC:1992 + A1:1994 + A2:1998

X	Comb.	Sfruttamento	Classe	Obblig.	NEd	Mx,Ed	Mx,Eff,Ed	Mb,Rd,x	χ,LT	λ adim. LT	L,LT	M,critico	Verifica
2.191	SLD 10	0.074	1	Si	0.338	-1.7263	-1.71017	23.13208	0.468	1.41	4.381	26.10014	Si

Verifica di stabilità per pressoflessione §C.4.2.4.1.3.3.2 NTC18

X	Comb.	Sfruttamento	Classe	NEd	NRk	Mx,Ed max	Mx,Rk	My,Ed max	My,Rk	χ,x	χ,y	kxx	kxy	kyy	χ,LT	Verifica	
4.381	SLU 13	0.884	1	-4.816	670.059	19.66365	51.90951	0	10.48875	0.903	0.194	0.953	0.38	0.994	0.633	0.468	Si

Verifica di stabilità per pressoflessione SLD §C.4.2.4.1.3.3.2 NTC18

X	Comb.	Sfruttamento	Classe	NEd	NRk	Mx,Ed max	Mx,Rk	My,Ed max	My,Rk	χ,x	χ,y	kxx	kxy	kyy	χ,LT	Verifica	
4.381	SLD 12	0.079	1	-0.572	670.059	1.7263	51.90951	0	10.48875	0.903	0.194	0.95	0.362	0.999	0.604	0.468	Si

Verifica di stabilità a taglio anima Y §4.2.4.1.2.4 [4.2.27] NTC18

η	hw	tw	hw/tw max	Verifica
1.2		0.183	60	Si

Verifica di stabilità a taglio anima Y SLD §4.2.4.1.2.4 [4.2.27] NTC18

η	hw	tw	hw/tw max	Verifica
1.2		0.183	60	Si

Verifiche a deformabilità

Mensola X: No; Mensola Y: No.

Freccie lungo X

Ascissa freccia	Combinazione	Freccia	Luce	L/f	L/f,min	Tipo	Verifica
3.213	SLE RA 1	0	4.381	10000	250	Totale	Si
3.797	SLE RA 19	0	4.381	10000	250	Totale	Si
3.067	SLE RA 18	0	4.381	10000	250	Totale	Si
3.797	SLE RA 17	0	4.381	10000	250	Totale	Si
0.73	SLE RA 16	0	4.381	10000	250	Totale	Si
3.797	SLE RA 2	0	4.381	10000	350	Variabile	Si
3.797	SLE RA 19	0	4.381	10000	350	Variabile	Si
0.73	SLE RA 18	0	4.381	10000	350	Variabile	Si
3.797	SLE RA 17	0	4.381	10000	350	Variabile	Si
0.73	SLE RA 16	0	4.381	10000	350	Variabile	Si

Freccie lungo Y

Ascissa freccia	Combinazione	Freccia	Luce	L/f	L/f,min	Tipo	Verifica
2.191	SLE RA 13	-0.00659	4.381	664.7	250	Totale	Si
2.191	SLE RA 12	-0.00659	4.381	664.7	250	Totale	Si
2.191	SLE RA 11	-0.00659	4.381	664.7	250	Totale	Si
2.191	SLE RA 10	-0.00659	4.381	664.7	250	Totale	Si
2.191	SLE RA 20	-0.00522	4.381	838.8	250	Totale	Si
2.191	SLE RA 13	-0.00573	4.381	764.9	350	Variabile	Si
2.191	SLE RA 12	-0.00573	4.381	764.9	350	Variabile	Si
2.191	SLE RA 11	-0.00573	4.381	764.9	350	Variabile	Si
2.191	SLE RA 10	-0.00573	4.381	764.9	350	Variabile	Si
2.191	SLE RA 20	-0.00436	4.381	1005	350	Variabile	Si

Superelemento in acciaio a "Falda 2" 4-6

Caratteristiche del materiale

Acciaio: S235, fyk = 235000

Caratteristiche geometriche

Lunghezza: 4.381

Nodo iniziale: 267 Nodo finale: 265

Cerniera iniziale: Svincolo: M2, M3 Cerniera finale: Svincolo: M2, M3

Sovreresistenza: 0% Sisma Z: No

Caratteristiche della sezione

Sezione	Rotazione	Area	Jx	Jy	ix	iy	Wx	Wy	Wplx	Wply
IPE200	0	0.002851	0.0000194538	0.0000014239	0.0826	0.0223	0.00019454	0.00002848	0.00022089	0.00004463

Verifiche di resistenza

Verifiche a forza assiale §4.2.4.1.2.1 - §4.2.4.1.2.2 NTC18

X	Comb.	Sfruttamento	Classe	NEd	Nc,Rd	Nt,Rd	Riduzione da taglio	px	py	Verifica
4.381	SLU 8	0.008	1	-4.841	638.151		1	0	0	Si

Verifiche a forza assiale SLD §4.2.4.1.2.1 - §4.2.4.1.2.2 NTC18

X	Comb.	Sfruttamento	Classe	NEd	Nc,Rd	Nt,Rd	Riduzione da taglio	px	py	Verifica
0	SLD 10	0.001		0.594		638.151	1	0	0	Si

Verifica a taglio Y §4.2.4.1.2.4 NTC18

X	Comb.	Sfruttamento	VEd	Vc,Rd	Av	Interazione taglio-torsione	Riduzione torsione	Verifica
4.381	SLU 11	0.099	-17.953	181.052	0.001403	Considerata	1	Si

Verifica a taglio Y SLD §4.2.4.1.2.4 NTC18

X	Comb.	Sfruttamento	VEd	Vc,Rd	Av	Interazione taglio-torsione	Riduzione torsione	Verifica
4.381	SLD 16	0.009	-1.576	181.123	0.001403	Considerata	1	Si

Verifica a torsione §4.2.4.1.2.5 NTC18

X	Comb.	Sfruttamento torsione	TEd	TRd	Riduzione taglio resistente	Sfruttamento taglio-torsione	τEd,totale	τRd	Verifica
3.797	SLU 6	0.005	0.00411	0.78524	Considerata				Si

Verifica a torsione SLD §4.2.4.1.2.5 NTC18

X	Comb.	Sfruttamento torsione	TEd	TRd	Riduzione taglio resistente	Sfruttamento taglio-torsione	τEd,totale	τRd	Verifica
4.381	SLD 16	0.002	-0.0017	0.78524	Considerata				Si

Verifica a flessione semplice X §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

X	Comb.	Sfruttamento	Classe	Mx,Ed	Mx,Rd	Rid. Mx,Rd da VEd	px	py	Verifica
2.191	SLU 11	0.398	1	-19.66365	49.43763	1	0	0	Si

Verifica a flessione semplice X SLD §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

X	Comb.	Sfruttamento	Classe	Mx,Ed	Mx,Rd	Rid. Mx,Rd da VEd	px	py	Verifica
2.191	SLD 3	0.035	1	-1.7263	49.43763	1	0	0	Si

Verifica a presso/tenso flessione retta X §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

Verifiche eseguite utilizzando la formula conservativa (6.2) §6.2.1 EN 1993-1-1:2005.

X	Comb.	Sfruttamento	Classe	NEd	NRd	Rid. NRd da VEd	Mx,Ed	Mx,Rd	Rid. Mx,Rd da VEd	Rid. Mx,Rd da NEd	px	py	Verifica
2.191	SLU 12	0.401	1	-1.893	638.151	1	-19.6636	49.4376	1		0	0	Si

Verifica a presso/tenso flessione retta X SLD §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

Verifiche eseguite utilizzando la formula conservativa (6.2) §6.2.1 EN 1993-1-1:2005.

X	Comb.	Sfruttamento	Classe	NEd	NRd	Rid. NRd da VEd	Mx,Ed	Mx,Rd	Rid. Mx,Rd da VEd	Rid. Mx,Rd da NEd	px	py	Verifica
2.191	SLD 10	0.035	1	0.34	638.151	1	-1.7263	49.4376	1		0	0	Si

Verifiche ad instabilità

Caratteristiche iniziali

Membratura principale per controllo snellezza; Calcolo di snellezze ed N critici condotti secondo gli assi principali;

Curva X: a; Curva Y: b; Svergolamento: Carico all'estradosso; Curva svergolamento: b;

Dati per instabilità attorno a x

Controllo della snellezza secondo §4.2.4.1.3.1 NTC18

Numero rit.	Presente	Ascissa	Campata	βx/m	Vincolo a entrambi estremi	λx/m	λVer
1	Si	0					
			1-2		1	53	Si, (<200)
2	Si	4.381					

Dati per instabilità attorno a y

Controllo della snellezza secondo §4.2.4.1.3.1 NTC18

Numero rit.	Presente	Ascissa	Campata	βy/n	k,LT	kw,LT	Vincolo a entrambi estremi	λy/n	λVer
1	Si	0							
			1-2		1	1	1	196.1	Si, (<200)
2	Si	4.381							

Verifica a svergolamento §4.2.4.1.3.2 NTC18

X	Comb.	Sfruttamento	Classe	Obblig.	Mx,Ed	Mb,Rd,x	χ,LT	λ adim. LT	L,LT	M,critico	Verifica
2.191	SLU 11	0.85	1	Si	-19.66365	23.13208	0.468	1.41	4.381	26.10014	Si

Verifica a svergolamento SLD §4.2.4.1.3.2 NTC18

X	Comb.	Sfruttamento	Classe	Obblig.	Mx,Ed	Mb,Rd,x	χ,LT	λ adim. LT	L,LT	M,critico	Verifica
2.191	SLD 3	0.075	1	Si	-1.7263	23.13208	0.468	1.41	4.381	26.10014	Si

Verifica a svergolamento con trazione §4.2.4.1.3.2 NTC18 § 5.5.3 ENV 1993-1-1:1992 + AC:1992 + A1:1994 + A2:1998

X	Comb.	Sfruttamento	Classe	Obblig.	NEd	Mx,Ed	Mx,Eff,Ed	Mb,Rd,x	$\chi_{,LT}$	λ adim. LT	L,LT	M,critico	Verifica
1.899	SLU 10	0.834	1	Si	0.438	-19.31402	-19.29311	23.13208	0.468	1.41	4.381	26.10014	Si

Verifica a svergolamento con trazione SLD §4.2.4.1.3.2 NTC18 § 5.5.3 ENV 1993-1-1:1992 + AC:1992 + A1:1994 + A2:1998

X	Comb.	Sfruttamento	Classe	Obblig.	NEd	Mx,Ed	Mx,Eff,Ed	Mb,Rd,x	$\chi_{,LT}$	λ adim. LT	L,LT	M,critico	Verifica
2.191	SLD 5	0.074	1	Si	0.338	-1.7263	-1.71016	23.13208	0.468	1.41	4.381	26.10014	Si

Verifica di stabilità per pressoflessione §C.4.2.4.1.3.3.2 NTC18

X	Comb.	Sfruttamento	Classe	NEd	NRk	Mx,Ed max	Mx,Rk	My,Ed max	My,Rk	$\chi_{,x}$	$\chi_{,y}$	kxx	kxy	kyy	$\chi_{,LT}$	Verifica	
4.381	SLU 12	0.884	1	-4.798	670.059	19.66365	51.90951	0	10.48875	0.903	0.194	0.953	0.38	0.994	0.633	0.468	Si

Verifica di stabilità per pressoflessione SLD §C.4.2.4.1.3.3.2 NTC18

X	Comb.	Sfruttamento	Classe	NEd	NRk	Mx,Ed max	Mx,Rk	My,Ed max	My,Rk	$\chi_{,x}$	$\chi_{,y}$	kxx	kxy	kyy	$\chi_{,LT}$	Verifica	
4.381	SLD 8	0.079	1	-0.572	670.059	1.7263	51.90951	0	10.48875	0.903	0.194	0.95	0.362	0.999	0.604	0.468	Si

Verifica di stabilità a taglio anima Y §4.2.4.1.2.4 [4.2.27] NTC18

η	hw	tw	hw/tw max	Verifica
1.2	0.183	0.006	60	Si

Verifica di stabilità a taglio anima Y SLD §4.2.4.1.2.4 [4.2.27] NTC18

η	hw	tw	hw/tw max	Verifica
1.2	0.183	0.006	60	Si

Verifiche a deformabilità

Mensola X: No; Mensola Y: No.

Freccie lungo X

Ascissa freccia	Combinazione	Freccia	Luce	L/f	L/f,min	Tipo	Verifica
2.775	SLE RA 1	0	4.381	10000	250	Totale	Si
3.797	SLE RA 19	0	4.381	10000	250	Totale	Si
2.483	SLE RA 18	0	4.381	10000	250	Totale	Si
3.797	SLE RA 17	0	4.381	10000	250	Totale	Si
1.314	SLE RA 16	0	4.381	10000	250	Totale	Si
3.797	SLE RA 2	0	4.381	10000	350	Variabile	Si
3.797	SLE RA 19	0	4.381	10000	350	Variabile	Si
2.483	SLE RA 18	0	4.381	10000	350	Variabile	Si
3.797	SLE RA 17	0	4.381	10000	350	Variabile	Si
1.314	SLE RA 16	0	4.381	10000	350	Variabile	Si

Freccie lungo Y

Ascissa freccia	Combinazione	Freccia	Luce	L/f	L/f,min	Tipo	Verifica
2.191	SLE RA 12	-0.00659	4.381	664.7	250	Totale	Si
2.191	SLE RA 10	-0.00659	4.381	664.7	250	Totale	Si
2.191	SLE RA 11	-0.00659	4.381	664.7	250	Totale	Si
2.191	SLE RA 13	-0.00659	4.381	664.7	250	Totale	Si
2.191	SLE RA 18	-0.00522	4.381	838.9	250	Totale	Si
2.191	SLE RA 12	-0.00573	4.381	764.9	350	Variabile	Si
2.191	SLE RA 10	-0.00573	4.381	764.9	350	Variabile	Si
2.191	SLE RA 11	-0.00573	4.381	764.9	350	Variabile	Si
2.191	SLE RA 13	-0.00573	4.381	764.9	350	Variabile	Si
2.191	SLE RA 18	-0.00436	4.381	1005	350	Variabile	Si

Superelemento in acciaio a "Falda 2" 5-6

Caratteristiche del materiale

Acciaio: S235, fyk = 235000

Caratteristiche geometriche

Lunghezza: 5.05

Nodo iniziale: 264 Nodo finale: 265

Cerniera iniziale: Svincolo: M2, M3 Cerniera finale: Svincolo: M2, M3

Sovreresistenza: 0% Sisma Z: No

Caratteristiche della sezione

Sezione	Rotazione	Area	Jx	Jy	ix	iy	Wx	Wy	Wplx	Wply
IPE240	0	0.003916	0.0000389661	0.0000028368	0.0998	0.0269	0.00032472	0.00004728	0.00036712	0.00007396

Verifiche di resistenza

Verifica a taglio Y §4.2.4.1.2.4 NTC18

X	Comb.	Sfruttamento	VEd	Vc,Rd	Av	Interazione taglio-torsione	Riduzione torsione	Verifica
0	SLU 1	0.004	1.009	247.955	0.001919	Considerata	1	Si

Verifica a taglio Y SLD §4.2.4.1.2.4 NTC18

X	Comb.	Sfruttamento	VEd	Vc,Rd	Av	Interazione taglio-torsione	Riduzione torsione	Verifica
0	SLD 1	0.003	0.776	247.955	0.001919	Considerata	1	Si

Verifica a flessione semplice X §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

X	Comb.	Sfruttamento	Classe	Mx,Ed	Mx,Rd	Rid. Mx,Rd da VEd	px	py	Verifica
2.525	SLU 19	0.016	1	-1.27399	82.16496	1	0	0	Si

Verifica a flessione semplice X SLD §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

X	Comb.	Sfruttamento	Classe	Mx,Ed	Mx,Rd	Rid. Mx,Rd da VEd	px	py	Verifica
2.525	SLD 15	0.012	1	-0.97999	82.16496	1	0	0	Si

Verifiche ad instabilità

Caratteristiche iniziali

Membratura principale per controllo snellezza; Calcolo di snellezze ed N critici condotti secondo gli assi principali;

Curva X: a; Curva Y: b; Svergolamento: Carico all'estradosso; Curva svergolamento: b;

Dati per instabilità attorno a x

Controllo della snellezza secondo §4.2.4.1.3.1 NTC18

Numero rit.	Presente	Ascissa	Campata	$\beta x/m$	Vincolo a entrambi estremi	$\lambda x/m$	λVer
1	Si	0	1-2	1	Si	50.6	Si, (<200)
2	Si	5.05					

Dati per instabilità attorno a y

Controllo della snellezza secondo §4.2.4.1.3.1 NTC18

Numero rit.	Presente	Ascissa	Campata	$\beta y/n$	k_{LT}	$k_{w,LT}$	Vincolo a entrambi estremi	$\lambda y/n$	λVer
1	Si	0	1-2	1	1	1	Si	187.6	Si, (<200)
2	Si	5.05							

Verifica a svergolamento §4.2.4.1.3.2 NTC18

X	Comb.	Sfruttamento	Classe	Obblig.	Mx,Ed	Mb,Rd,x	χ_{LT}	$\lambda adim. LT$	L,LT	M,critico	Verifica
2.525	SLU 19	0.033	1	Si	-1.27399	38.3539	0.467	1.413	5.05	43.23472	Si

Verifica a svergolamento SLD §4.2.4.1.3.2 NTC18

X	Comb.	Sfruttamento	Classe	Obblig.	Mx,Ed	Mb,Rd,x	χ_{LT}	$\lambda adim. LT$	L,LT	M,critico	Verifica
2.525	SLD 15	0.026	1	Si	-0.97999	38.3539	0.467	1.413	5.05	43.23472	Si

Verifica di stabilità a taglio anima Y §4.2.4.1.2.4 [4.2.27] NTC18

η	hw	tw	hw/tw max	Verifica
1.2	0.22	0.006	60	Si

Verifica di stabilità a taglio anima Y SLD §4.2.4.1.2.4 [4.2.27] NTC18

η	hw	tw	hw/tw max	Verifica
1.2	0.22	0.006	60	Si

Verifiche a deformabilità

Mensola X: No; Mensola Y: No.

Frecce lungo X

Ascissa freccia	Combinazione	Freccia	Luce	L/f	L/f,min	Tipo	Verifica
4.882	SLE RA 1	0	5.05	10000	250	Totale	Si
4.377	SLE RA 19	0	5.05	10000	250	Totale	Si
1.178	SLE RA 18	0	5.05	10000	250	Totale	Si
0.168	SLE RA 17	0	5.05	10000	250	Totale	Si
4.882	SLE RA 16	0	5.05	10000	250	Totale	Si
4.882	SLE RA 2	0	5.05	10000	350	Variabile	Si
4.377	SLE RA 19	0	5.05	10000	350	Variabile	Si
1.178	SLE RA 18	0	5.05	10000	350	Variabile	Si
0.168	SLE RA 17	0	5.05	10000	350	Variabile	Si
0.168	SLE RA 16	0	5.05	10000	350	Variabile	Si

Frecce lungo Y

Ascissa freccia	Combinazione	Freccia	Luce	L/f	L/f,min	Tipo	Verifica
2.525	SLE RA 1	-0.00033	5.05	10000	250	Totale	Si
2.525	SLE RA 19	-0.00033	5.05	10000	250	Totale	Si
2.525	SLE RA 18	-0.00033	5.05	10000	250	Totale	Si
2.525	SLE RA 17	-0.00033	5.05	10000	250	Totale	Si
2.525	SLE RA 16	-0.00033	5.05	10000	250	Totale	Si

Ascissa freccia	Combinazione	Freccia	Luce	L/f	L/f,min	Tipo	Verifica
4.882	SLE RA 2	0	5.05	10000	350	Variabile	Si
4.882	SLE RA 19	0	5.05	10000	350	Variabile	Si
1.683	SLE RA 18	0	5.05	10000	350	Variabile	Si
4.882	SLE RA 17	0	5.05	10000	350	Variabile	Si
4.882	SLE RA 16	0	5.05	10000	350	Variabile	Si

Superelemento in acciaio a "Livello colmo"- "Falda 1" 3-4

Caratteristiche del materiale

Acciaio: S235, fyk = 235000

Caratteristiche geometriche

Lunghezza: 5.05

Nodo iniziale: 266 Nodo finale: 267

Cerniera iniziale: Svincolo: M2, M3 Cerniera finale: Svincolo: M2, M3

Sovreresistenza: 0% Sisma Z: No

Caratteristiche della sezione

Sezione	Rotazione	Area	Jx	Jy	ix	iy	Wx	Wy	Wplx	Wply
IPE240	0	0.003916	0.0000389661	0.0000028368	0.0998	0.0269	0.00032472	0.00004728	0.00036712	0.00007396

Verifiche di resistenza

Verifica a taglio Y §4.2.4.1.2.4 NTC18

X	Comb.	Sfruttamento	VEd	Vc,Rd	Av	Interazione taglio-torsione	Riduzione torsione	Verifica
0	SLU 1	0.004	1.009	247.955	0.001919	Considerata	1	Si

Verifica a taglio Y SLD §4.2.4.1.2.4 NTC18

X	Comb.	Sfruttamento	VEd	Vc,Rd	Av	Interazione taglio-torsione	Riduzione torsione	Verifica
0	SLD 1	0.003	0.776	247.955	0.001919	Considerata	1	Si

Verifica a flessione semplice X §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

X	Comb.	Sfruttamento	Classe	Mx,Ed	Mx,Rd	Rid. Mx,Rd da VEd	px	py	Verifica
2.525	SLU 19	0.016	1	-1.27399	82.16496	1	0	0	Si

Verifica a flessione semplice X SLD §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

X	Comb.	Sfruttamento	Classe	Mx,Ed	Mx,Rd	Rid. Mx,Rd da VEd	px	py	Verifica
2.525	SLD 15	0.012	1	-0.97999	82.16496	1	0	0	Si

Verifiche ad instabilità

Caratteristiche iniziali

Membratura principale per controllo snellezza; Calcolo di snellezze ed N critici condotti secondo gli assi principali;

Curva X: a; Curva Y: b; Svergolamento: Carico all'estradosso; Curva svergolamento: b;

Dati per instabilità attorno a x

Controllo della snellezza secondo §4.2.4.1.3.1 NTC18

Numero rit.	Presente	Ascissa	Campata	βx/m	Vincolo a entrambi estremi	λx/m	λVer
1	Si	0	1-2	1	Si	50.6	Si, (<200)
2	Si	5.05					

Dati per instabilità attorno a y

Controllo della snellezza secondo §4.2.4.1.3.1 NTC18

Numero rit.	Presente	Ascissa	Campata	βy/n	k ₁ LT	k _w LT	Vincolo a entrambi estremi	λy/n	λVer
1	Si	0	1-2	1	1	1	Si	187.6	Si, (<200)
2	Si	5.05							

Verifica a svergolamento §4.2.4.1.3.2 NTC18

X	Comb.	Sfruttamento	Classe	Obblig.	Mx,Ed	Mb,Rd,x	χ ₁ LT	λ adim. LT	L ₁ LT	M ₁ critico	Verifica
2.525	SLU 19	0.033	1	Si	-1.27399	38.3539	0.467	1.413	5.05	43.23472	Si

Verifica a svergolamento SLD §4.2.4.1.3.2 NTC18

X	Comb.	Sfruttamento	Classe	Obblig.	Mx,Ed	Mb,Rd,x	χ ₁ LT	λ adim. LT	L ₁ LT	M ₁ critico	Verifica
2.525	SLD 15	0.026	1	Si	-0.97999	38.3539	0.467	1.413	5.05	43.23472	Si

Verifica di stabilità a taglio anima Y §4.2.4.1.2.4 [4.2.27] NTC18

η	hw	tw	hw/tw max	Verifica
1.2	0.22	0.006	60	Si

Verifica di stabilità a taglio anima Y SLD §4.2.4.1.2.4 [4.2.27] NTC18

η	hw	tw	hw/tw max	Verifica
1.2	0.22	0.006	60	Si

Verifiche a deformabilità

Mensola X: No; Mensola Y: No.

Frecce lungo X

Ascissa freccia	Combinazione	Freccia	Luce	L/f	L/f,min	Tipo	Verifica
0.673	SLE RA 1	0	5.05	10000	250	Totale	Si
4.713	SLE RA 19	0	5.05	10000	250	Totale	Si
4.713	SLE RA 18	0	5.05	10000	250	Totale	Si
4.208	SLE RA 17	0	5.05	10000	250	Totale	Si
4.208	SLE RA 16	0	5.05	10000	250	Totale	Si
0.842	SLE RA 2	0	5.05	10000	350	Variabile	Si
4.545	SLE RA 19	0	5.05	10000	350	Variabile	Si
4.545	SLE RA 18	0	5.05	10000	350	Variabile	Si
4.208	SLE RA 17	0	5.05	10000	350	Variabile	Si
4.208	SLE RA 16	0	5.05	10000	350	Variabile	Si

Frecce lungo Y

Ascissa freccia	Combinazione	Freccia	Luce	L/f	L/f,min	Tipo	Verifica
2.525	SLE RA 1	-0.00033	5.05	10000	250	Totale	Si
2.525	SLE RA 19	-0.00033	5.05	10000	250	Totale	Si
2.525	SLE RA 18	-0.00033	5.05	10000	250	Totale	Si
2.525	SLE RA 17	-0.00033	5.05	10000	250	Totale	Si
2.525	SLE RA 16	-0.00033	5.05	10000	250	Totale	Si

Ascissa freccia	Combinazione	Freccia	Luce	L/f	L/f,min	Tipo	Verifica
0.168	SLE RA 2	0	5.05	10000	350	Variabile	Si
1.515	SLE RA 19	0	5.05	10000	350	Variabile	Si
1.515	SLE RA 18	0	5.05	10000	350	Variabile	Si
2.525	SLE RA 17	0	5.05	10000	350	Variabile	Si
0.168	SLE RA 16	0	5.05	10000	350	Variabile	Si

2.3 Verifiche connessioni aste in acciaio

2.3.1 Verifiche collegamenti del tipo "Flangia singola"

Le unità di misura elencate nel capitolo sono in [mm, daN] ove non espressamente specificato.

Coll.: indice del collegamento.

Elemento portato: caratteristiche dell'elemento portato.

Descrizione: descrizione dell'elemento.

Profilo: profilo dell'elemento.

Materiale: materiale dell'elemento.

Elemento portante: caratteristiche dell'elemento portante.

Comb.: combinazione di verifica.

F1: forza sollecitante diretta secondo l'asse locale 1 della trave portata. [daN]

F2: forza sollecitante diretta secondo l'asse locale 2 della trave portata. [daN]

F3: forza sollecitante diretta secondo l'asse locale 3 della trave portata. [daN]

M1: momento sollecitante diretto secondo l'asse locale 1 della trave portata. [daN*mm]

M2: momento sollecitante diretto secondo l'asse locale 2 della trave portata. [daN*mm]

M3: momento sollecitante diretto secondo l'asse locale 3 della trave portata. [daN*mm]

Piatto: elemento di verifica.

Direzione della forza: direzione della forza di verifica.

Verifica e1 minima: verifica della distanza dall'estremità minima in direzione della forza.

e1,min.: minima distanza dall'estremità. [mm]

e1,min,lim.: limite distanza dall'estremità minima. [mm]

Verifica: stato di verifica.

Verifica e1 massima: verifica della distanza dall'estremità massima in direzione della forza.

e1,max.: massima distanza dall'estremità. [mm]

e1,max,lim.: limite distanza dall'estremità massima. [mm]

Verifica e2 minima: verifica della distanza dal bordo minima in direzione ortogonale alla forza.

e2,min.: minima distanza dal bordo. [mm]

e2,min,lim.: limite distanza dal bordo minima. [mm]

Verifica e2 massima: verifica della distanza dal bordo massima in direzione ortogonale alla forza.

e2,max.: massima distanza dal bordo. [mm]

e2,max,lim.: limite distanza dal bordo massima. [mm]

Piatto: numero identificativo del piatto.

Verifica p1 minimo: verifica del passo minimo in direzione della forza.

p1,min.: minimo passo dei bulloni in direzione della forza. [mm]

p1,min,lim.: limite passo dei bulloni in direzione della forza minimo. [mm]

Verifica p1 massimo: verifica del passo massimo in direzione della forza.

p1,max.: massimo passo dei bulloni in direzione della forza. [mm]

p1,max,lim.: limite passo dei bulloni in direzione della forza massimo. [mm]

Verifica p2 minimo: verifica del passo minimo in direzione ortogonale alla forza.

p2,min.: minimo passo dei bulloni in direzione ortogonale alla forza. [mm]

p2,min,lim.: limite passo dei bulloni in direzione ortogonale alla forza minimo. [mm]

Verifica p2 massimo: verifica del passo massimo in direzione ortogonale alla forza.

p2,max.: massimo passo dei bulloni in direzione ortogonale alla forza. [mm]

p2,max,lim.: limite passo dei bulloni in direzione ortogonale alla forza massimo. [mm]

Fv,Ed: forza di taglio sollecitante. [daN]

Fv,Rd: resistenza a taglio bullone per piano di taglio. [daN]

av: valore di av.

Area resistente: area resistente a taglio del bullone. [mm²]

Tipo collegamento: tipo di collegamento.

βLf: valore di βLf per connessione lunga.

ftbk: resistenza a rottura del materiale del bullone. [daN/mm²]

Sfrutt.: rapporto di sfruttamento per la verifica in esame, inverso del coefficiente di sicurezza. Verificato se minore o uguale di 1.

Ft,Ed: forza di trazione sollecitante. [daN]

Ft,Rd: resistenza a trazione. [daN]

k2: valore di k2.

A,res.t: area resistente a trazione del bullone. [mm²]

Ft,Rd: resistenza a trazione del bullone. [daN]

A,res.v: area resistente a taglio del bullone. [mm²]

Dir.: direzione della forza.

Fb,Rd: resistenza a rifollamento. [daN]

k: valore di k.

α: valore di α.

ftk: resistenza a rottura della piastra. [daN/mm²]

t: spessore della piastra. [mm]

d: diametro nominale del bullone. [mm]

X: coordinata X del bullone riferita al baricentro della relativa bullonaturaX. [mm]

Y: coordinata Y del bullone riferita al baricentro della relativa bullonaturaY. [mm]

Elemento: elemento di verifica.

FvEdX: forza di strappo in direzione x. [daN]

Veff,RdX: resistenza di progetto per tranciamento a blocco in direzione x. [daN]

Ant,X: area netta soggetta a trazione per forza in direzione x. [mm²]

Anv,X: area netta soggetta a taglio per forza in direzione x. [mm²]

FvEdY: forza di strappo in direzione y. [daN]

Veff,RdY: resistenza di progetto per tranciamento a blocco in direzione y. [daN]

Ant,Y: area netta soggetta a trazione per forza in direzione y. [mm²]

Anv, Y: area netta soggetta a taglio per forza in direzione y. [mm²]

Indici bulloni: indici dei bulloni considerati nella verifica a block tearing.

Tipo di verifica: tipo di verifica condotta (CC: carico centrato e disposizione simmetrica; CE: carico eccentrico o disposizione asimmetrica).

fu: resistenza ultima della piastra. [daN/mm²]

fy: resistenza a snervamento della piastra. [daN/mm²]

Bp,Rd: resistenza a punzonamento. [daN]

dm: diametro della testa del bullone. [mm]

tp: spessore della piastra. [mm]

ftk: tensione di progetto dell'acciaio del piatto. [daN/mm²]

mEd: momento flettente massimo sulla piastra per unità di lunghezza. [daN*mm/mm]

Spessore: spessore della piastra. [mm]

W elastico: modulo elastico della piastra per unità di lunghezza. [mm²]

fyd: resistenza di progetto del materiale della piastra. [daN/mm²]

mRd: momento resistente di progetto della piastra per unità di lunghezza. [daN*mm/mm]

Fw,Ed: forza di progetto sulla saldatura per unità di lunghezza. [daN/mm]

Fw,Rd: resistenza di progetto della saldatura per unità di lunghezza. [daN/mm]

ftk: resistenza a rottura del più debole degli elementi collegati. [daN/mm²]

β: valore di β.

X: coordinata x del punto più sollecitato rispetto al baricentro delle saldature. [mm]

Y: coordinata y del punto più sollecitato rispetto al baricentro delle saldature. [mm]

Saldatura lunga: indica se la saldatura è lunga (lunghezza > 150a).

Riferimento: indice della verifica in tabella.

MjEd: momento di progetto applicato. [daN*mm]

MjRd: momento resistente di progetto. [daN*mm]

NjEd: sforzo normale di progetto applicato. [daN]

NjRd: sforzo normale resistente di progetto. [daN]

zc: posizione del centro di compressione rispetto al centro dell'asta portata. [mm]

NEd > 0.05 NjRd: dice se lo sforzo normale agente è superiore al 5% dello sforzo normale resistente.

β: coefficiente di trasformazione (5.4a) EN 1993-1-8:2005 + AC:2009.

Vwp,Rd: resistenza a taglio del pannello d'anima. [daN]

Fwp,Rd: resistenza della componente a taglio del pannello d'anima (Vwp,Rd/β). [daN]

Fc,wc,Rd (M): resistenza anima colonna soggetta a compressione trasversale per effetto del momento flettente. [daN]

Fc,fb,Rd: resistenza flangia e anima compresse dell'elemento portato. [daN]

Fc,wb,Rd (M): resistenza anima trave soggetta a compressione trasversale per effetto del momento flettente. [daN]

Fc,min (M): resistenza minima a compressione per effetto del momento flettente. [daN]

File a trazione (M): indica se sono presenti file di bulloni reagenti a trazione nella valutazione del momento resistente MjRd.

F,b,Rd: resistenza assiale dell'elemento portato. [daN]

Fc,wc,Rd (N): resistenza anima colonna soggetta a compressione trasversale per effetto dello sforzo normale. [daN]

File a trazione (N): indica se sono presenti file di bulloni reagenti a trazione nella valutazione dello sforzo normale resistente NjRd.

Mj,w,Rd: resistenza a momento flettente delle saldature. [daN*mm]

Nj,w,Rd: resistenza a sforzo normale delle saldature. [daN]

Indice riga: indice della riga di bulloni.

F,T,min,Rd: minima resistenza a trazione della riga di bulloni. [daN]

z riga: posizione della riga di bulloni rispetto il centro della trave. [mm]

Componente: componente determinante la resistenza a trazione della riga di bulloni.

Ridotta gruppo: resistenza a trazione ridotta per non superare la resistenza massima dei gruppi di righe di bulloni.

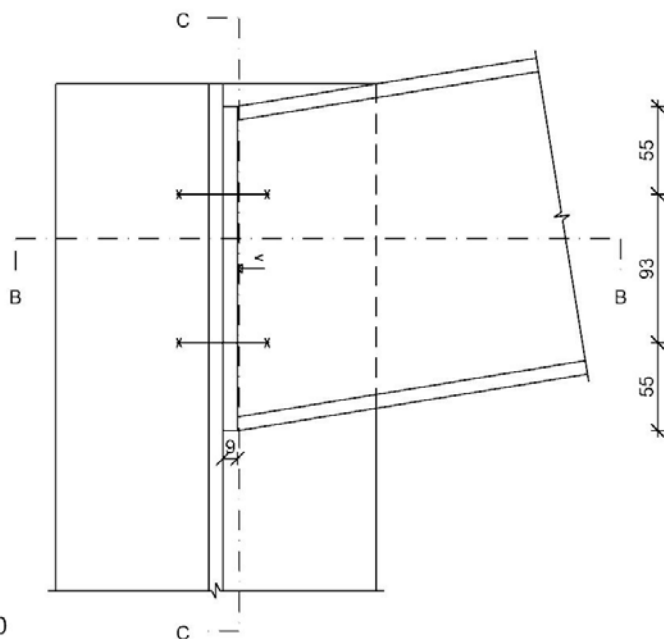
Ridotta da compressione: resistenza a trazione ridotta per non superare la minima resistenza a compressione.

Ridotta da resistenza trazione bulloni: resistenza a trazione ridotta per raggiungimento resistenza a trazione dei bulloni in una delle righe precedenti.

2 collegamenti con flange singole gruppo 1

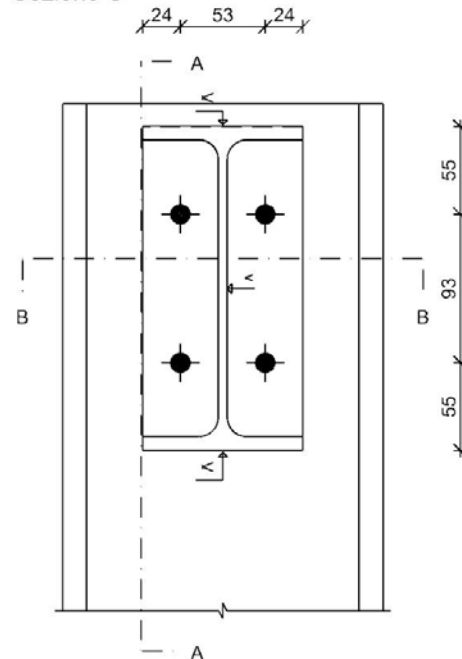
Verifiche condotte secondo D.M. 17-01-18 (N.T.C.)

Sezione A



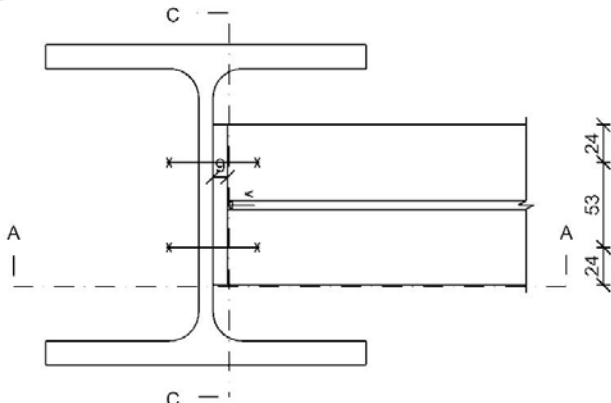
IPE200

Sezione C



HEB200

Sezione B



Quote disegno in mm

Dati generali

Piastre e bulloni

Materiale della piastra: S235 ($f_y = 23.5$; $f_u = 36$)

Spessore della piastra: 9

Bulloni: diametro 12, diametro fori 13, classe EC 8.8 ($f_{tb} = 80$), sollecitati sul filetto

n° bulloni: 4

Computo dei pesi

Piastra: 1.43

Bulloni (peso forfettariamente pari al 20% del peso della connessione): 0.29

Peso totale delle connessioni: $2 * 1.72 = 3.44$

Esposizione a fenomeni corrosivi o ambientali

Collegamento non esposto a fenomeni corrosivi o ambientali

Riferimenti per le verifiche

Direzione X: direzione ortogonale all'asse dell'elemento portato e giacente nel piano delle ali dell'elemento portato.

Direzione Y: direzione ortogonale all'asse dell'elemento portato e giacente nel piano dell'anima dell'elemento portato.

Numerazione degli elementi in corrispondenza dell'asta portata: 1: piastra di estremità; 2: piatto sulla portante.

Indici dei bulloni: il bullone con indice 1 è quello con coordinata x minima e y massima,

gli indici aumentano progressivamente con le colonne e successivamente con le righe di bulloni.

Righe di bulloni: la riga con indice 1 è quello con coordinata y massima,

gli indici aumentano progressivamente con le righe di bulloni.

Caratteristiche elementi collegati

Coll.	Elemento portato			Elemento portante		
	Descrizione	Profilo	Materiale	Descrizione	Profilo	Materiale
1	Trave in acciaio falda Falda 1 fili 1-3	IPE200	S235	Colonna in acciaio tronco Platea di fondazione - Livello gronda filo 1	HEB200	S235
2	Trave in acciaio falda Falda 1 fili 4-2	IPE200	S235	Colonna in acciaio tronco Platea di fondazione - Livello gronda filo 2	HEB200	S235

Sollecitazioni di verifica nelle combinazioni

Coll.	Comb.	F1	F2	F3	M1	M2	M3
1	SLU 1	-35	-227	0	0	0	0
2	SLU 1	-35	227	0	0	0	0
1	SLU 2	-38	-227	0	-411	0	0
2	SLU 2	-32	227	0	-410	0	0
1	SLU 3	156	-227	0	-410	0	0
2	SLU 3	162	227	0	-412	0	0
1	SLU 4	289	-227	0	1	0	0
2	SLU 4	289	227	0	-2	0	0
1	SLU 5	287	-227	0	-245	0	0
2	SLU 5	290	227	0	-249	0	0
1	SLU 6	-163	-1011	0	-411	0	0
2	SLU 6	-157	1011	0	-411	0	0
1	SLU 7	31	-1011	0	-410	0	0
2	SLU 7	37	1011	0	-412	0	0
1	SLU 8	163	-1011	0	2	0	0
2	SLU 8	163	1011	0	-3	0	0
1	SLU 9	162	-1011	0	-245	0	0
2	SLU 9	165	1011	0	-249	0	0
1	SLU 10	-286	-1795	0	0	0	0
2	SLU 10	-286	1795	0	0	0	0
1	SLU 11	-287	-1795	0	-246	0	0
2	SLU 11	-284	1795	0	-247	0	0
1	SLU 12	-91	-1795	0	1	0	0
2	SLU 12	-91	1795	0	-2	0	0
1	SLU 13	-93	-1795	0	-245	0	0
2	SLU 13	-89	1795	0	-248	0	0
1	SLU 14	-101	-636	0	0	0	0
2	SLU 14	-101	636	0	0	0	0
1	SLU 15	-102	-636	0	-246	0	0
2	SLU 15	-99	636	0	-246	0	0
1	SLU 16	94	-636	0	1	0	0
2	SLU 16	94	636	0	-1	0	0
1	SLU 17	92	-636	0	-246	0	0
2	SLU 17	96	636	0	-248	0	0
1	SLU 18	-226	-1421	0	0	0	0
2	SLU 18	-226	1421	0	0	0	0
1	SLU 19	-227	-1421	0	-246	0	0
2	SLU 19	-224	1421	0	-247	0	0
1	SLU 20	-31	-1421	0	1	0	0
2	SLU 20	-31	1421	0	-2	0	0
1	SLU 21	-33	-1421	0	-245	0	0
2	SLU 21	-30	1421	0	-248	0	0
1	SLD 1	-34	-158	0	-170	0	0
2	SLD 1	-34	158	0	-169	0	0
1	SLD 2	-34	-158	0	-170	0	0
2	SLD 2	-34	158	0	-169	0	0
1	SLD 3	-14	-158	0	-170	0	0
2	SLD 3	-15	158	0	-170	0	0
1	SLD 4	-14	-158	0	-170	0	0
2	SLD 4	-15	158	0	-170	0	0
1	SLD 5	-57	-158	0	-51	0	0
2	SLD 5	-57	158	0	-50	0	0
1	SLD 6	-57	-158	0	-51	0	0
2	SLD 6	-57	158	0	-50	0	0
1	SLD 7	8	-158	0	-51	0	0
2	SLD 7	8	158	0	-51	0	0
1	SLD 8	8	-158	0	-51	0	0
2	SLD 8	8	158	0	-51	0	0
1	SLD 9	-57	-158	0	51	0	0
2	SLD 9	-57	158	0	51	0	0
1	SLD 10	-57	-158	0	51	0	0
2	SLD 10	-57	158	0	51	0	0
1	SLD 11	8	-158	0	51	0	0
2	SLD 11	8	158	0	51	0	0
1	SLD 12	8	-158	0	51	0	0
2	SLD 12	8	158	0	51	0	0
1	SLD 13	-34	-158	0	169	0	0
2	SLD 13	-34	158	0	170	0	0
1	SLD 14	-34	-158	0	169	0	0
2	SLD 14	-34	158	0	170	0	0
1	SLD 15	-15	-158	0	170	0	0
2	SLD 15	-14	158	0	170	0	0
1	SLD 16	-15	-158	0	170	0	0
2	SLD 16	-14	158	0	170	0	0
1	SLV 1	-46	-158	0	-390	0	0
2	SLV 1	-48	158	0	-389	0	0
1	SLV 2	-46	-158	0	-390	0	0
2	SLV 2	-48	158	0	-389	0	0
1	SLV 3	-1	-158	0	-389	0	0
2	SLV 3	-3	158	0	-390	0	0
1	SLV 4	-1	-158	0	-389	0	0
2	SLV 4	-3	158	0	-390	0	0
1	SLV 5	-99	-158	0	-117	0	0
2	SLV 5	-100	158	0	-116	0	0
1	SLV 6	-99	-158	0	-117	0	0
2	SLV 6	-100	158	0	-116	0	0
1	SLV 7	51	-158	0	-117	0	0
2	SLV 7	51	158	0	-118	0	0
1	SLV 8	51	-158	0	-117	0	0
2	SLV 8	51	158	0	-118	0	0
1	SLV 9	-100	-158	0	116	0	0
2	SLV 9	-99	158	0	118	0	0
1	SLV 10	-100	-158	0	116	0	0
2	SLV 10	-99	158	0	118	0	0
1	SLV 11	51	-158	0	117	0	0
2	SLV 11	51	158	0	116	0	0
1	SLV 12	51	-158	0	117	0	0
2	SLV 12	51	158	0	116	0	0

Coll.	Comb.	F1	F2	F3	M1	M2	M3
1	SLV 13	-48	-158	0	389	0	0
2	SLV 13	-46	158	0	390	0	0
1	SLV 14	-48	-158	0	389	0	0
2	SLV 14	-46	158	0	390	0	0
1	SLV 15	-2	-158	0	389	0	0
2	SLV 15	-1	158	0	389	0	0
1	SLV 16	-2	-158	0	389	0	0
2	SLV 16	-1	158	0	389	0	0

Verifiche delle distanze dai bordi dei bulloni Tab.4.2.XVIII NTC18

Piatto	Direzione della forza	Verifica e1 minima			Verifica e1 massima			Verifica e2 minima			Verifica e2 massima		
		e1,min.	e1,min,lim.	Verifica	e1,max.	e1,max,lim.	Verifica	e2,min.	e2,min,lim.	Verifica	e2,max.	e2,max,lim.	Verifica
1	Y	55	15.6	Si				23.5	15.6	Si			
2	Y	69	15.6	Si				73.5	15.6	Si			
1	X	23.5	15.6	Si				55	15.6	Si			
2	X	73.5	15.6	Si				69	15.6	Si			

Verifiche degli interessi dei bulloni Tab.4.2.XVIII NTC18

Piatto	Direzione della forza	Verifica p1 minimo			Verifica p1 massimo			Verifica p2 minimo			Verifica p2 massimo		
		p1,min.	p1,min,lim.	Verifica	p1,max.	p1,max,lim.	Verifica	p2,min.	p2,min,lim.	Verifica	p2,max.	p2,max,lim.	Verifica
1	Y	92.7	28.6	Si	92.7	126	Si	53	31.2	Si	53	126	Si
2	Y	92.7	28.6	Si	92.7	126	Si	53	31.2	Si	53	126	Si
1	X	53	28.6	Si	53	126	Si	92.7	31.2	Si	92.7	126	Si
2	X	53	28.6	Si	53	126	Si	92.7	31.2	Si	92.7	126	Si

Verifiche dei collegamenti bullonati

Verifica a taglio dei bulloni §4.2.8.1.1 NTC18

Fv,Ed	Fv,Rd	av	Area resistente	Tipo collegamento	βLf	ftbk	Comb.	Coll.	Sfrutt.	Verifica
455	3226	0.6	84	Non lungo	1	80	SLU 11	1	0.1411	Si

Verifiche a trazione dei bulloni §4.2.8.1.1 NTC18

Ft,Ed	Ft,Rd	k2	ftbk	A,res.t	Comb.	Coll.	Sfrutt.	Verifica
84.1	4838.4	0.9	80	84	SLU 9	2	0.0174	Si

Verifiche a trazione e taglio dei bulloni §4.2.8.1.1 NTC18

Ft,Ed	Ft,Rd	k2	Fv,Ed	Fv,Rd	av	ftbk	A,res.t	A,res.v	Comb.	Coll.	Sfrutt.	Verifica
51.6	4838.4	0.9	447.2	3225.6	0.6	80	84	84	SLU 13	2	0.1463	Si

Verifiche a rifollamento §4.2.8.1.1 NTC18

Dir.	Fv,Ed	Fb,Rd	k	α	ftk	t	d	X	Y	Elemento	Comb.	Coll.	Sfrutt.	Verifica
X	2	4686	2.5	0.603	36	9	12	-26.5	-46.3	1	SLU 7	2	0.0004	Si
Y	455	7776	2.5	1	36	9	12	26.5	46.3	2	SLU 11	1	0.0585	Si

Verifica a block tearing § 3.10.2 EN 1993-1-8:2005 + AC:2009

FvEdX	Veff,RdX	Ant,X	Anv,X	FvEdY	Veff,RdY	Ant,Y	Anv,Y	Indici bulloni	Tipo di verifica	fu	fy	Elemento	Comb.	Coll.	Sfrutt.	Verifica
				1818	9590	666	0	1;2;3;4	CE	36	23.5	1	SLU 11	1	0.1896	Si

Verifica a punzonamento §4.2.8.1.1 NTC18

Ft,Ed	Bp,Rd	dm	tp	ftk	Comb.	Coll.	Sfrutt.	Verifica
84	8794	18	9	36	SLU 9	2	0.0096	Si

Verifica delle saldature

Caratteristiche delle saldature

Materiale considerato per la verifica delle saldature: S235; Tipo di saldatura: Completa penetrazione

Le saldature a completa penetrazione e a completo ripristino di resistenza non necessitano di verifiche §4.2.8.2.1 NTC18

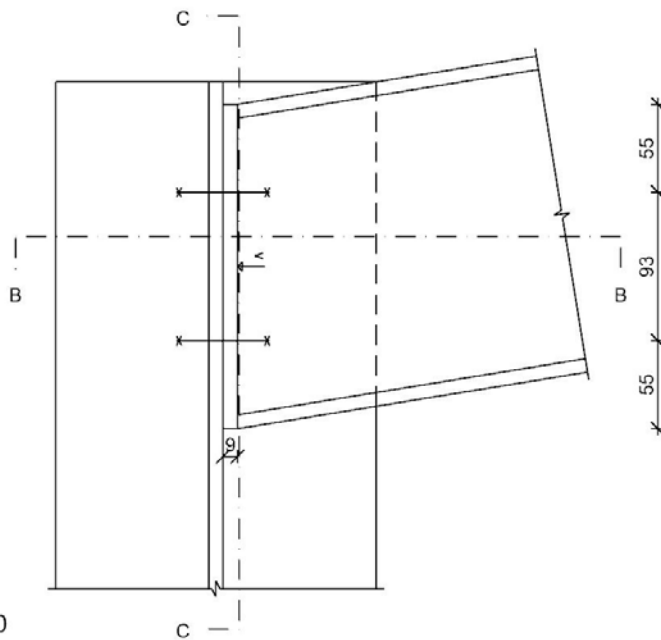
Verifica resistenza elastica a momento della piastra

mEd	Spessore	W elastico	fyd	mRd	Comb.	Coll.	Sfrutt.	Verifica
29	9	14	22.381	302	SLU 9	2	0.0959	Si

2 collegamenti con flange singole gruppo 2

Verifiche condotte secondo D.M. 17-01-18 (N.T.C.)

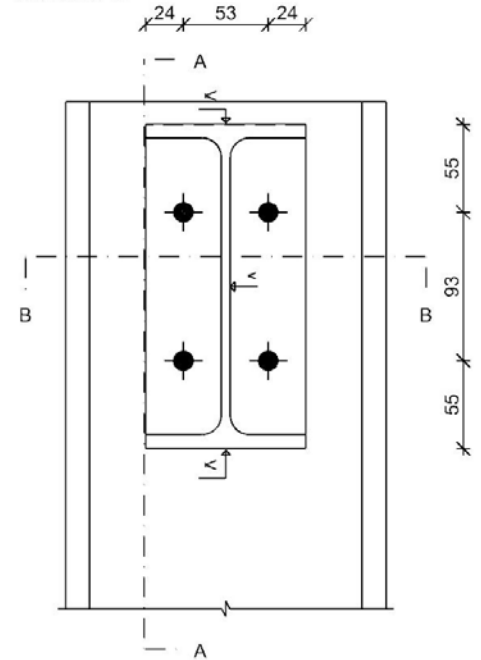
Sezione A



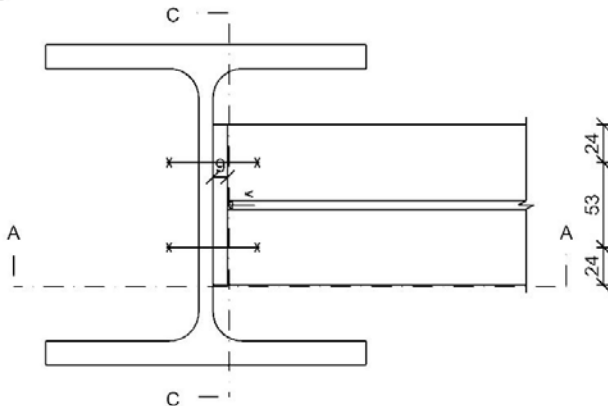
HEB200

Sezione C

IPE200



Sezione B



Quote disegno in mm

Dati generali

Piastre e bulloni

Materiale della piastra: S235 ($f_y = 23.5$; $f_u = 36$)

Spessore della piastra: 9

Bulloni: diametro 12, diametro fori 13, classe EC 8.8 ($f_{tb} = 80$), sollecitati sul filetto

n° bulloni: 4

Computo dei pesi

Piastra: 1.43

Bulloni (peso forfettariamente pari al 20% del peso della connessione): 0.29

Peso totale delle connessioni: $2 * 1.72 = 3.44$

Esposizione a fenomeni corrosivi o ambientali

Collegamento non esposto a fenomeni corrosivi o ambientali

Riferimenti per le verifiche

Direzione X: direzione ortogonale all'asse dell'elemento portato e giacente nel piano delle ali dell'elemento portato.

Direzione Y: direzione ortogonale all'asse dell'elemento portato e giacente nel piano dell'anima dell'elemento portato.

Numerazione degli elementi in corrispondenza dell'asta portata: 1: piastra di estremità; 2: piatto sulla portante.

Indici dei bulloni: il bullone con indice 1 è quello con coordinata x minima e y massima,

gli indici aumentano progressivamente con le colonne e successivamente con le righe di bulloni.

Righe di bulloni: la riga con indice 1 è quello con coordinata y massima,

gli indici aumentano progressivamente con le righe di bulloni.

Caratteristiche elementi collegati

Coll.	Elemento portato			Elemento portante		
	Descrizione	Profilo	Materiale	Descrizione	Profilo	Materiale
1	Trave in acciaio falda Falda 2 fili 3-5	IPE200	S235	Colonna in acciaio tronco Platea di fondazione - Livello gronda filo 5	HEB200	S235
2	Trave in acciaio falda Falda 2 fili 4-6	IPE200	S235	Colonna in acciaio tronco Platea di fondazione - Livello gronda filo 6	HEB200	S235

Sollecitazioni di verifica nelle combinazioni

Coll.	Comb.	F1	F2	F3	M1	M2	M3
1	SLU 1	-35	227	0	0	0	0
2	SLU 1	-35	227	0	0	0	0
1	SLU 2	-38	227	0	411	0	0
2	SLU 2	-32	227	0	410	0	0
1	SLU 3	-232	227	0	412	0	0
2	SLU 3	-226	227	0	410	0	0
1	SLU 4	-359	227	0	3	0	0
2	SLU 4	-359	227	0	-2	0	0
1	SLU 5	-361	227	0	249	0	0
2	SLU 5	-357	227	0	245	0	0
1	SLU 6	-163	1011	0	411	0	0
2	SLU 6	-157	1011	0	411	0	0
1	SLU 7	-358	1011	0	412	0	0
2	SLU 7	-352	1011	0	410	0	0
1	SLU 8	-484	1011	0	2	0	0
2	SLU 8	-484	1011	0	-1	0	0
1	SLU 9	-486	1011	0	249	0	0
2	SLU 9	-482	1011	0	245	0	0
1	SLU 10	-286	1795	0	0	0	0
2	SLU 10	-286	1795	0	0	0	0
1	SLU 11	-287	1795	0	246	0	0
2	SLU 11	-284	1795	0	247	0	0
1	SLU 12	-480	1795	0	1	0	0
2	SLU 12	-480	1795	0	-1	0	0
1	SLU 13	-482	1795	0	248	0	0
2	SLU 13	-478	1795	0	246	0	0
1	SLU 14	-101	636	0	0	0	0
2	SLU 14	-101	636	0	0	0	0
1	SLU 15	-102	636	0	246	0	0
2	SLU 15	-99	636	0	246	0	0
1	SLU 16	-295	636	0	1	0	0
2	SLU 16	-295	636	0	-1	0	0
1	SLU 17	-297	636	0	248	0	0
2	SLU 17	-293	636	0	245	0	0
1	SLU 18	-226	1421	0	0	0	0
2	SLU 18	-226	1421	0	0	0	0
1	SLU 19	-228	1421	0	246	0	0
2	SLU 19	-224	1421	0	247	0	0
1	SLU 20	-420	1421	0	1	0	0
2	SLU 20	-420	1421	0	-1	0	0
1	SLU 21	-422	1421	0	248	0	0
2	SLU 21	-418	1421	0	246	0	0
1	SLD 1	-14	158	0	170	0	0
2	SLD 1	-15	158	0	170	0	0
1	SLD 2	-14	158	0	170	0	0
2	SLD 2	-15	158	0	170	0	0
1	SLD 3	-34	158	0	170	0	0
2	SLD 3	-34	158	0	169	0	0
1	SLD 4	-34	158	0	170	0	0
2	SLD 4	-34	158	0	169	0	0
1	SLD 5	8	158	0	51	0	0
2	SLD 5	8	158	0	51	0	0
1	SLD 6	8	158	0	51	0	0
2	SLD 6	8	158	0	51	0	0
1	SLD 7	-57	158	0	51	0	0
2	SLD 7	-57	158	0	51	0	0
1	SLD 8	-57	158	0	51	0	0
2	SLD 8	-57	158	0	51	0	0
1	SLD 9	8	158	0	-51	0	0
2	SLD 9	8	158	0	-51	0	0
1	SLD 10	8	158	0	-51	0	0
2	SLD 10	8	158	0	-51	0	0
1	SLD 11	-57	158	0	-50	0	0
2	SLD 11	-57	158	0	-51	0	0
1	SLD 12	-57	158	0	-50	0	0
2	SLD 12	-57	158	0	-51	0	0
1	SLD 13	-15	158	0	-170	0	0
2	SLD 13	-14	158	0	-170	0	0
1	SLD 14	-15	158	0	-170	0	0
2	SLD 14	-14	158	0	-170	0	0
1	SLD 15	-34	158	0	-169	0	0
2	SLD 15	-34	158	0	-170	0	0
1	SLD 16	-34	158	0	-169	0	0
2	SLD 16	-34	158	0	-170	0	0
1	SLV 1	-1	158	0	389	0	0
2	SLV 1	-2	158	0	389	0	0
1	SLV 2	-1	158	0	389	0	0
2	SLV 2	-2	158	0	389	0	0
1	SLV 3	-46	158	0	390	0	0
2	SLV 3	-48	158	0	389	0	0
1	SLV 4	-46	158	0	390	0	0
2	SLV 4	-48	158	0	389	0	0
1	SLV 5	51	158	0	116	0	0
2	SLV 5	51	158	0	117	0	0
1	SLV 6	51	158	0	116	0	0
2	SLV 6	51	158	0	117	0	0
1	SLV 7	-99	158	0	118	0	0
2	SLV 7	-100	158	0	116	0	0
1	SLV 8	-99	158	0	118	0	0
2	SLV 8	-100	158	0	116	0	0
1	SLV 9	51	158	0	-118	0	0
2	SLV 9	51	158	0	-117	0	0
1	SLV 10	51	158	0	-118	0	0
2	SLV 10	51	158	0	-117	0	0
1	SLV 11	-100	158	0	-116	0	0
2	SLV 11	-99	158	0	-117	0	0
1	SLV 12	-100	158	0	-116	0	0
2	SLV 12	-99	158	0	-117	0	0

Coll.	Comb.	F1	F2	F3	M1	M2	M3
1	SLV 13	-3	158	0	-390	0	0
2	SLV 13	-1	158	0	-389	0	0
1	SLV 14	-3	158	0	-390	0	0
2	SLV 14	-1	158	0	-389	0	0
1	SLV 15	-48	158	0	-389	0	0
2	SLV 15	-46	158	0	-390	0	0
1	SLV 16	-48	158	0	-389	0	0
2	SLV 16	-46	158	0	-390	0	0

Verifiche delle distanze dai bordi dei bulloni Tab.4.2.XVIII NTC18

Piatto	Direzione della forza	Verifica e1 minima			Verifica e1 massima			Verifica e2 minima			Verifica e2 massima		
		e1,min.	e1,min,lim.	Verifica	e1,max.	e1,max,lim.	Verifica	e2,min.	e2,min,lim.	Verifica	e2,max.	e2,max,lim.	Verifica
1	Y	55	15.6	Si				23.5	15.6	Si			
2	Y	69	15.6	Si				73.5	15.6	Si			
1	X	23.5	15.6	Si				55	15.6	Si			
2	X	73.5	15.6	Si				69	15.6	Si			

Verifiche degli interessi dei bulloni Tab.4.2.XVIII NTC18

Piatto	Direzione della forza	Verifica p1 minimo			Verifica p1 massimo			Verifica p2 minimo			Verifica p2 massimo		
		p1,min.	p1,min,lim.	Verifica	p1,max.	p1,max,lim.	Verifica	p2,min.	p2,min,lim.	Verifica	p2,max.	p2,max,lim.	Verifica
1	Y	92.7	28.6	Si	92.7	126	Si	53	31.2	Si	53	126	Si
2	Y	92.7	28.6	Si	92.7	126	Si	53	31.2	Si	53	126	Si
1	X	53	28.6	Si	53	126	Si	92.7	31.2	Si	92.7	126	Si
2	X	53	28.6	Si	53	126	Si	92.7	31.2	Si	92.7	126	Si

Verifiche dei collegamenti bullonati

Verifica a taglio dei bulloni §4.2.8.1.1 NTC18

Fv,Ed	Fv,Rd	av	Area resistente	Tipo collegamento	βLf	ftbk	Comb.	Coll.	Sfrutt.	Verifica
463	3226	0.6	84	Non lungo	1	80	SLV 13	1	0.1435	Si

Verifiche a trazione dei bulloni §4.2.8.1.1 NTC18

Ft,Ed	Ft,Rd	k2	ftbk	A,res.t	Comb.	Coll.	Sfrutt.	Verifica
19.7	4838.4	0.9	80	84	SLV 10	2	0.0041	Si

Verifiche a trazione e taglio dei bulloni §4.2.8.1.1 NTC18

Ft,Ed	Ft,Rd	k2	Fv,Ed	Fv,Rd	av	ftbk	A,res.t	A,res.v	Comb.	Coll.	Sfrutt.	Verifica
0	4838.4	0.9	462.9	3225.6	0.6	80	84	84	SLV 13	1	0.1435	Si

Verifiche a rifollamento §4.2.8.1.1 NTC18

Dir.	Fv,Ed	Fb,Rd	k	α	ftk	t	d	X	Y	Elemento	Comb.	Coll.	Sfrutt.	Verifica
X	2	4686	2.5	0.603	36	9	12	-26.5	-46.3	1	SLV 3	1	0.0004	Si
Y	463	7776	2.5	1	36	9	12	-26.5	46.3	2	SLV 13	1	0.0595	Si

Verifica a block tearing § 3.10.2 EN 1993-1-8:2005 + AC:2009

FvEdX	Veff,RdX	Ant,X	Anv,X	FvEdY	Veff,RdY	Ant,Y	Anv,Y	Indici bulloni	Tipo di verifica	fu	fy	Elemento	Comb.	Coll.	Sfrutt.	Verifica
				1849	9590	666	0	1;2;3;4	CE	36	23.5	1	SLV 13	1	0.1928	Si

Verifica a punzonamento §4.2.8.1.1 NTC18

Ft,Ed	Bp,Rd	dm	tp	ftk	Comb.	Coll.	Sfrutt.	Verifica
20	8794	18	9	36	SLV 10	2	0.0022	Si

Verifica delle saldature

Caratteristiche delle saldature

Materiale considerato per la verifica delle saldature: S235; Tipo di saldatura: Completa penetrazione

Le saldature a completa penetrazione e a completo ripristino di resistenza non necessitano di verifiche §4.2.8.2.1 NTC18

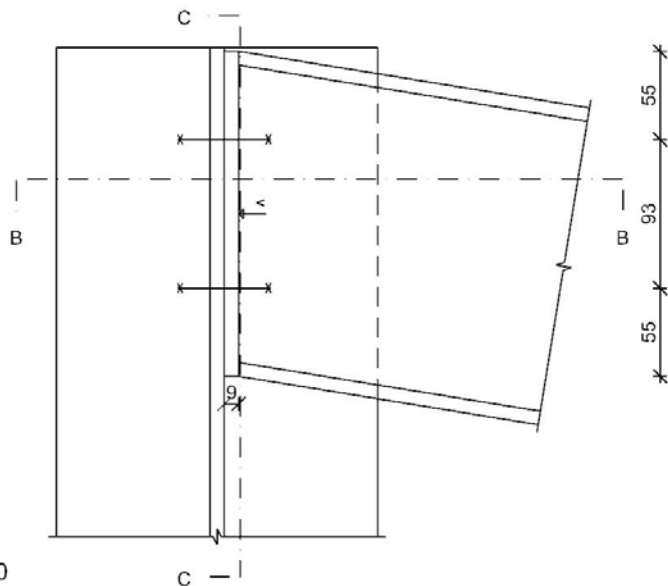
Verifica resistenza elastica a momento della piastra

mEd	Spessore	W elastico	f _{yd}	mRd	Comb.	Coll.	Sfrutt.	Verifica
7	9	14	22.381	302	SLV 10	2	0.0224	Si

2 collegamenti con flange singole gruppo 3

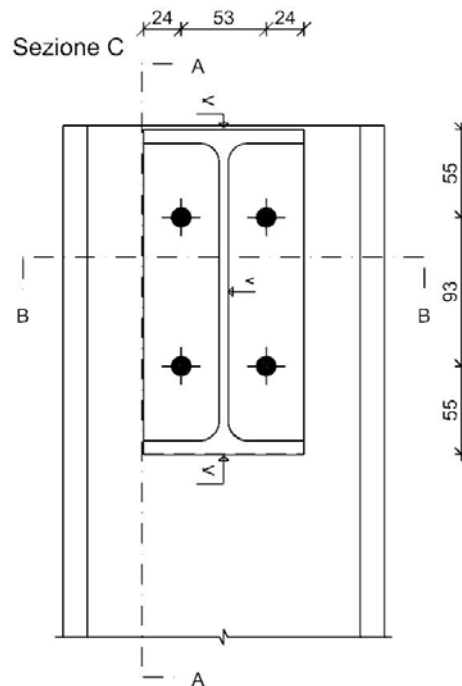
Verifiche condotte secondo D.M. 17-01-18 (N.T.C.)

Sezione A

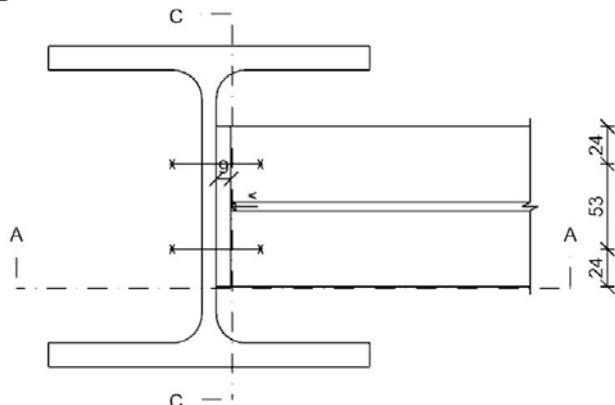


IPE200

HEB200



Sezione B



Quote disegno in mm

Dati generali

Piastre e bulloni

Materiale della piastra: S235 ($f_y = 23.5$; $f_u = 36$)

Spessore della piastra: 9

Bulloni: diametro 12, diametro fori 13, classe EC 8.8 ($f_{tb} = 80$), sollecitati sul filetto

n° bulloni: 4

Computo dei pesi

Piastra: 1.43

Bulloni (peso forfettariamente pari al 20% del peso della connessione): 0.29

Peso totale delle connessioni: $2 * 1.72 = 3.44$

Esposizione a fenomeni corrosivi o ambientali

Collegamento non esposto a fenomeni corrosivi o ambientali

Riferimenti per le verifiche

Direzione X: direzione ortogonale all'asse dell'elemento portato e giacente nel piano delle ali dell'elemento portato.

Direzione Y: direzione ortogonale all'asse dell'elemento portato e giacente nel piano dell'anima dell'elemento portato.

Numerazione degli elementi in corrispondenza dell'asta portata: 1: piastra di estremità; 2: piatto sulla portante.

Indici dei bulloni: il bullone con indice 1 è quello con coordinata x minima e y massima,

gli indici aumentano progressivamente con le colonne e successivamente con le righe di bulloni.

Righe di bulloni: la riga con indice 1 è quello con coordinata y massima,

gli indici aumentano progressivamente con le righe di bulloni.

Caratteristiche elementi collegati

Coll.	Elemento portato			Elemento portante		
	Descrizione	Profilo	Materiale	Descrizione	Profilo	Materiale
1	Trave in acciaio falda Falda 1 fili 1-3	IPE200	S235	Colonna in acciaio tronco Platea di fondazione - Livello colmo filo 3	HEB200	S235
2	Trave in acciaio falda Falda 1 fili 4-2	IPE200	S235	Colonna in acciaio tronco Platea di fondazione - Livello colmo filo 4	HEB200	S235

Sollecitazioni di verifica nelle combinazioni

Coll.	Comb.	F1	F2	F3	M1	M2	M3
1	SLU 1	38	226	0	0	0	0
2	SLU 1	38	-226	0	0	0	0
1	SLU 2	35	226	0	-411	0	0
2	SLU 2	41	-226	0	-410	0	0
1	SLU 3	229	226	0	-410	0	0
2	SLU 3	235	-226	0	-412	0	0
1	SLU 4	362	226	0	1	0	0
2	SLU 4	362	-226	0	-2	0	0
1	SLU 5	360	226	0	-245	0	0
2	SLU 5	364	-226	0	-249	0	0
1	SLU 6	163	1005	0	-411	0	0
2	SLU 6	169	-1005	0	-411	0	0
1	SLU 7	357	1005	0	-410	0	0
2	SLU 7	363	-1005	0	-412	0	0
1	SLU 8	490	1005	0	2	0	0
2	SLU 8	490	-1005	0	-3	0	0
1	SLU 9	488	1005	0	-245	0	0
2	SLU 9	492	-1005	0	-249	0	0
1	SLU 10	294	1785	0	0	0	0
2	SLU 10	294	-1785	0	0	0	0
1	SLU 11	292	1785	0	-246	0	0
2	SLU 11	296	-1785	0	-247	0	0
1	SLU 12	488	1785	0	1	0	0
2	SLU 12	488	-1785	0	-2	0	0
1	SLU 13	486	1785	0	-245	0	0
2	SLU 13	490	-1785	0	-248	0	0
1	SLU 14	105	633	0	0	0	0
2	SLU 14	105	-633	0	0	0	0
1	SLU 15	103	633	0	-246	0	0
2	SLU 15	107	-633	0	-246	0	0
1	SLU 16	299	633	0	1	0	0
2	SLU 16	299	-633	0	-1	0	0
1	SLU 17	297	633	0	-246	0	0
2	SLU 17	301	-633	0	-248	0	0
1	SLU 18	233	1412	0	0	0	0
2	SLU 18	233	-1412	0	0	0	0
1	SLU 19	231	1412	0	-246	0	0
2	SLU 19	235	-1412	0	-247	0	0
1	SLU 20	427	1412	0	1	0	0
2	SLU 20	427	-1412	0	-2	0	0
1	SLU 21	425	1412	0	-245	0	0
2	SLU 21	429	-1412	0	-248	0	0
1	SLD 1	17	157	0	-170	0	0
2	SLD 1	16	-157	0	-169	0	0
1	SLD 2	17	157	0	-170	0	0
2	SLD 2	16	-157	0	-169	0	0
1	SLD 3	37	157	0	-170	0	0
2	SLD 3	36	-157	0	-170	0	0
1	SLD 4	37	157	0	-170	0	0
2	SLD 4	36	-157	0	-170	0	0
1	SLD 5	-6	157	0	-51	0	0
2	SLD 5	-6	-157	0	-50	0	0
1	SLD 6	-6	157	0	-51	0	0
2	SLD 6	-6	-157	0	-50	0	0
1	SLD 7	59	157	0	-51	0	0
2	SLD 7	59	-157	0	-51	0	0
1	SLD 8	59	157	0	-51	0	0
2	SLD 8	59	-157	0	-51	0	0
1	SLD 9	-6	157	0	51	0	0
2	SLD 9	-6	-157	0	51	0	0
1	SLD 10	-6	157	0	51	0	0
2	SLD 10	-6	-157	0	51	0	0
1	SLD 11	59	157	0	51	0	0
2	SLD 11	59	-157	0	51	0	0
1	SLD 12	59	157	0	51	0	0
2	SLD 12	59	-157	0	51	0	0
1	SLD 13	16	157	0	169	0	0
2	SLD 13	17	-157	0	170	0	0
1	SLD 14	16	157	0	169	0	0
2	SLD 14	17	-157	0	170	0	0
1	SLD 15	36	157	0	170	0	0
2	SLD 15	37	-157	0	170	0	0
1	SLD 16	36	157	0	170	0	0
2	SLD 16	37	-157	0	170	0	0
1	SLV 1	5	157	0	-390	0	0
2	SLV 1	3	-157	0	-389	0	0
1	SLV 2	5	157	0	-390	0	0
2	SLV 2	3	-157	0	-389	0	0
1	SLV 3	50	157	0	-389	0	0
2	SLV 3	48	-157	0	-390	0	0
1	SLV 4	50	157	0	-389	0	0
2	SLV 4	48	-157	0	-390	0	0
1	SLV 5	-48	157	0	-117	0	0
2	SLV 5	-49	-157	0	-116	0	0
1	SLV 6	-48	157	0	-117	0	0
2	SLV 6	-49	-157	0	-116	0	0
1	SLV 7	102	157	0	-117	0	0
2	SLV 7	101	-157	0	-118	0	0
1	SLV 8	102	157	0	-117	0	0
2	SLV 8	101	-157	0	-118	0	0
1	SLV 9	-49	157	0	116	0	0
2	SLV 9	-48	-157	0	118	0	0
1	SLV 10	-49	157	0	116	0	0
2	SLV 10	-48	-157	0	118	0	0
1	SLV 11	102	157	0	117	0	0
2	SLV 11	102	-157	0	116	0	0
1	SLV 12	102	157	0	117	0	0
2	SLV 12	102	-157	0	116	0	0

Coll.	Comb.	F1	F2	F3	M1	M2	M3
1	SLV 13	3	157	0	389	0	0
2	SLV 13	5	-157	0	390	0	0
1	SLV 14	3	157	0	389	0	0
2	SLV 14	5	-157	0	390	0	0
1	SLV 15	48	157	0	389	0	0
2	SLV 15	50	-157	0	389	0	0
1	SLV 16	48	157	0	389	0	0
2	SLV 16	50	-157	0	389	0	0

Verifiche delle distanze dai bordi dei bulloni Tab.4.2.XVIII NTC18

Piatto	Direzione della forza	Verifica e1 minima			Verifica e1 massima			Verifica e2 minima			Verifica e2 massima		
		e1,min.	e1,min,lim.	Verifica	e1,max.	e1,max,lim.	Verifica	e2,min.	e2,min,lim.	Verifica	e2,max.	e2,max,lim.	Verifica
1	Y	55	15.6	Si				23.5	15.6	Si			
2	Y	57.1	15.6	Si				73.5	15.6	Si			
1	X	23.5	15.6	Si				55	15.6	Si			
2	X	73.5	15.6	Si				57.1	15.6	Si			

Verifiche degli interessi dei bulloni Tab.4.2.XVIII NTC18

Piatto	Direzione della forza	Verifica p1 minimo			Verifica p1 massimo			Verifica p2 minimo			Verifica p2 massimo		
		p1,min.	p1,min,lim.	Verifica	p1,max.	p1,max,lim.	Verifica	p2,min.	p2,min,lim.	Verifica	p2,max.	p2,max,lim.	Verifica
1	Y	92.7	28.6	Si	92.7	126	Si	53	31.2	Si	53	126	Si
2	Y	92.7	28.6	Si	92.7	126	Si	53	31.2	Si	53	126	Si
1	X	53	28.6	Si	53	126	Si	92.7	31.2	Si	92.7	126	Si
2	X	53	28.6	Si	53	126	Si	92.7	31.2	Si	92.7	126	Si

Verifiche dei collegamenti bullonati

Verifica a taglio dei bulloni §4.2.8.1.1 NTC18

Fv,Ed	Fv,Rd	av	Area resistente	Tipo collegamento	βLf	ftbk	Comb.	Coll.	Sfrutt.	Verifica
461	3226	0.6	84	Non lungo	1	80	SLU 13	2	0.1428	Si

Verifiche a trazione dei bulloni §4.2.8.1.1 NTC18

Ft,Ed	Ft,Rd	k2	ftbk	A,res.t	Comb.	Coll.	Sfrutt.	Verifica
84.1	4838.4	0.9	80	84	SLU 9	2	0.0174	Si

Verifiche a trazione e taglio dei bulloni §4.2.8.1.1 NTC18

Ft,Ed	Ft,Rd	k2	Fv,Ed	Fv,Rd	av	ftbk	A,res.t	A,res.v	Comb.	Coll.	Sfrutt.	Verifica
50.8	4838.4	0.9	460.7	3225.6	0.6	80	84	84	SLU 13	2	0.1503	Si

Verifiche a rifollamento §4.2.8.1.1 NTC18

Dir.	Fv,Ed	Fb,Rd	k	α	ftk	t	d	X	Y	Elemento	Comb.	Coll.	Sfrutt.	Verifica
X	2	4686	2.5	0.603	36	9	12	-26.5	46.3	1	SLU 7	2	0.0004	Si
Y	461	7776	2.5	1	36	9	12	26.5	46.3	2	SLU 13	2	0.0592	Si

Verifica a block tearing § 3.10.2 EN 1993-1-8:2005 + AC:2009

FvEdX	Veff,RdX	Ant,X	Anv,X	FvEdY	Veff,RdY	Ant,Y	Anv,Y	Indici bulloni	Tipo di verifica	fu	fy	Elemento	Comb.	Coll.	Sfrutt.	Verifica
				1840	9590	666	0	1;2;3;4	CE	36	23.5	1	SLU 13	2	0.1919	Si

Verifica a punzonamento §4.2.8.1.1 NTC18

Ft,Ed	Bp,Rd	dm	tp	ftk	Comb.	Coll.	Sfrutt.	Verifica
84	8794	18	9	36	SLU 9	2	0.0096	Si

Verifica delle saldature

Caratteristiche delle saldature

Materiale considerato per la verifica delle saldature: S235; Tipo di saldatura: Completa penetrazione

Le saldature a completa penetrazione e a completo ripristino di resistenza non necessitano di verifiche §4.2.8.2.1 NTC18

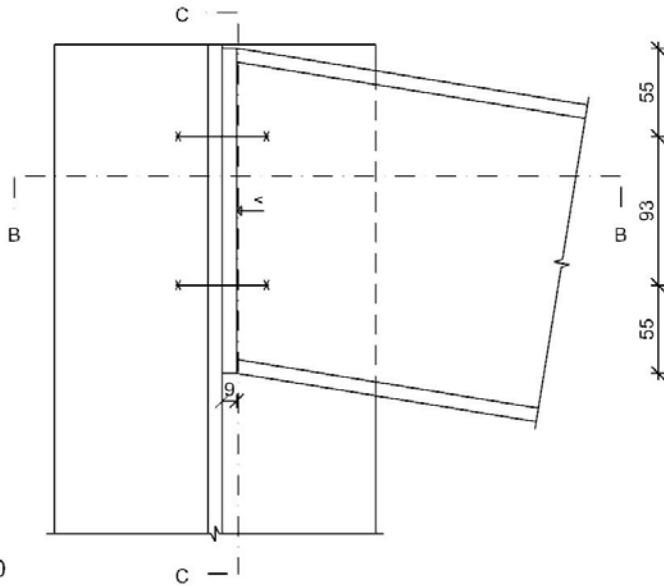
Verifica resistenza elastica a momento della piastra

mEd	Spessore	W elastico	fyd	mRd	Comb.	Coll.	Sfrutt.	Verifica
29	9	14	22.381	302	SLU 9	2	0.0959	Si

2 collegamenti con flange singole gruppo 4

Verifiche condotte secondo D.M. 17-01-18 (N.T.C.)

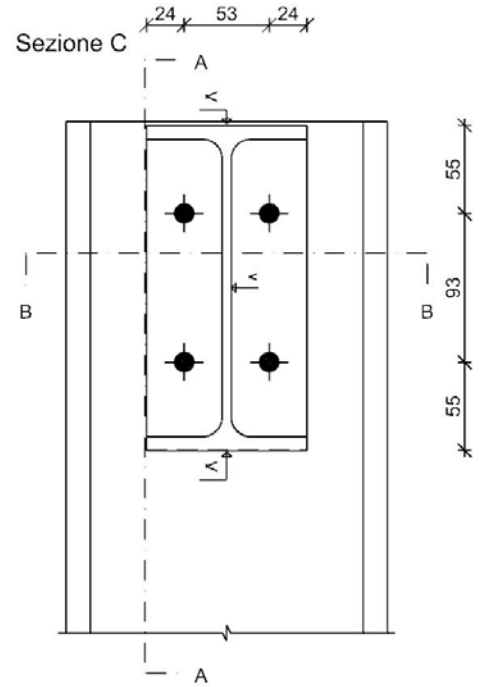
Sezione A



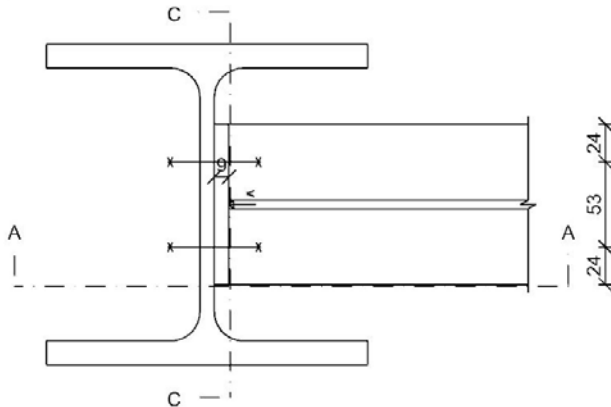
IPE200

HEB200

Sezione C



Sezione B



Quote disegno in mm

Dati generali

Piastre e bulloni

Materiale della piastra: S235 ($f_y = 23.5$; $f_u = 36$)

Spessore della piastra: 9

Bulloni: diametro 12, diametro fori 13, classe EC 8.8 ($f_{tb} = 80$), sollecitati sul filetto

n° bulloni: 4

Computo dei pesi

Piastra: 1.43

Bulloni (peso forfettariamente pari al 20% del peso della connessione): 0.29

Peso totale delle connessioni: $2 * 1.72 = 3.44$

Esposizione a fenomeni corrosivi o ambientali

Collegamento non esposto a fenomeni corrosivi o ambientali

Riferimenti per le verifiche

Direzione X: direzione ortogonale all'asse dell'elemento portato e giacente nel piano delle ali dell'elemento portato.

Direzione Y: direzione ortogonale all'asse dell'elemento portato e giacente nel piano dell'anima dell'elemento portato.

Numerazione degli elementi in corrispondenza dell'asta portata: 1: piastra di estremità; 2: piatto sulla portante.

Indici dei bulloni: il bullone con indice 1 è quello con coordinata x minima e y massima,

gli indici aumentano progressivamente con le colonne e successivamente con le righe di bulloni.

Righe di bulloni: la riga con indice 1 è quello con coordinata y massima,

gli indici aumentano progressivamente con le righe di bulloni.

Caratteristiche elementi collegati

Coll.	Elemento portato			Elemento portante		
	Descrizione	Profilo	Materiale	Descrizione	Profilo	Materiale
1	Trave in acciaio falda Falda 2 fili 3-5	IPE200	S235	Colonna in acciaio tronco Platea di fondazione - Livello colmo filo 3	HEB200	S235
2	Trave in acciaio falda Falda 2 fili 4-6	IPE200	S235	Colonna in acciaio tronco Platea di fondazione - Livello colmo filo 4	HEB200	S235

Sollecitazioni di verifica nelle combinazioni

Coll.	Comb.	F1	F2	F3	M1	M2	M3
1	SLU 1	38	-226	0	0	0	0
2	SLU 1	38	-226	0	0	0	0
1	SLU 2	35	-226	0	411	0	0
2	SLU 2	41	-226	0	410	0	0
1	SLU 3	-159	-226	0	412	0	0
2	SLU 3	-153	-226	0	410	0	0
1	SLU 4	-286	-226	0	3	0	0
2	SLU 4	-286	-226	0	-2	0	0
1	SLU 5	-288	-226	0	249	0	0
2	SLU 5	-284	-226	0	245	0	0
1	SLU 6	163	-1005	0	411	0	0
2	SLU 6	169	-1005	0	411	0	0
1	SLU 7	-31	-1005	0	412	0	0
2	SLU 7	-25	-1005	0	410	0	0
1	SLU 8	-158	-1005	0	2	0	0
2	SLU 8	-158	-1005	0	-1	0	0
1	SLU 9	-160	-1005	0	249	0	0
2	SLU 9	-156	-1005	0	245	0	0
1	SLU 10	294	-1785	0	0	0	0
2	SLU 10	294	-1785	0	0	0	0
1	SLU 11	292	-1785	0	246	0	0
2	SLU 11	296	-1785	0	247	0	0
1	SLU 12	100	-1785	0	1	0	0
2	SLU 12	100	-1785	0	-1	0	0
1	SLU 13	98	-1785	0	248	0	0
2	SLU 13	101	-1785	0	246	0	0
1	SLU 14	105	-633	0	0	0	0
2	SLU 14	105	-633	0	0	0	0
1	SLU 15	103	-633	0	246	0	0
2	SLU 15	107	-633	0	246	0	0
1	SLU 16	-89	-633	0	1	0	0
2	SLU 16	-89	-633	0	-1	0	0
1	SLU 17	-91	-633	0	248	0	0
2	SLU 17	-88	-633	0	245	0	0
1	SLU 18	233	-1412	0	0	0	0
2	SLU 18	233	-1412	0	0	0	0
1	SLU 19	231	-1412	0	246	0	0
2	SLU 19	235	-1412	0	247	0	0
1	SLU 20	38	-1412	0	1	0	0
2	SLU 20	39	-1412	0	-1	0	0
1	SLU 21	37	-1412	0	248	0	0
2	SLU 21	40	-1412	0	246	0	0
1	SLD 1	37	-157	0	170	0	0
2	SLD 1	36	-157	0	170	0	0
1	SLD 2	37	-157	0	170	0	0
2	SLD 2	36	-157	0	170	0	0
1	SLD 3	17	-157	0	170	0	0
2	SLD 3	16	-157	0	169	0	0
1	SLD 4	17	-157	0	170	0	0
2	SLD 4	16	-157	0	169	0	0
1	SLD 5	59	-157	0	51	0	0
2	SLD 5	59	-157	0	51	0	0
1	SLD 6	59	-157	0	51	0	0
2	SLD 6	59	-157	0	51	0	0
1	SLD 7	-6	-157	0	51	0	0
2	SLD 7	-6	-157	0	51	0	0
1	SLD 8	-6	-157	0	51	0	0
2	SLD 8	-6	-157	0	51	0	0
1	SLD 9	59	-157	0	-51	0	0
2	SLD 9	59	-157	0	-51	0	0
1	SLD 10	59	-157	0	-51	0	0
2	SLD 10	59	-157	0	-51	0	0
1	SLD 11	-6	-157	0	-50	0	0
2	SLD 11	-6	-157	0	-51	0	0
1	SLD 12	-6	-157	0	-50	0	0
2	SLD 12	-6	-157	0	-51	0	0
1	SLD 13	36	-157	0	-170	0	0
2	SLD 13	37	-157	0	-170	0	0
1	SLD 14	36	-157	0	-170	0	0
2	SLD 14	37	-157	0	-170	0	0
1	SLD 15	16	-157	0	-169	0	0
2	SLD 15	17	-157	0	-170	0	0
1	SLD 16	16	-157	0	-169	0	0
2	SLD 16	17	-157	0	-170	0	0
1	SLV 1	50	-157	0	389	0	0
2	SLV 1	48	-157	0	389	0	0
1	SLV 2	50	-157	0	389	0	0
2	SLV 2	48	-157	0	389	0	0
1	SLV 3	5	-157	0	390	0	0
2	SLV 3	3	-157	0	389	0	0
1	SLV 4	5	-157	0	390	0	0
2	SLV 4	3	-157	0	389	0	0
1	SLV 5	102	-157	0	116	0	0
2	SLV 5	102	-157	0	117	0	0
1	SLV 6	102	-157	0	116	0	0
2	SLV 6	102	-157	0	117	0	0
1	SLV 7	-48	-157	0	118	0	0
2	SLV 7	-49	-157	0	116	0	0
1	SLV 8	-48	-157	0	118	0	0
2	SLV 8	-49	-157	0	116	0	0
1	SLV 9	101	-157	0	-118	0	0
2	SLV 9	102	-157	0	-117	0	0
1	SLV 10	101	-157	0	-118	0	0
2	SLV 10	102	-157	0	-117	0	0
1	SLV 11	-49	-157	0	-116	0	0
2	SLV 11	-48	-157	0	-117	0	0
1	SLV 12	-49	-157	0	-116	0	0
2	SLV 12	-48	-157	0	-117	0	0

Coll.	Comb.	F1	F2	F3	M1	M2	M3
1	SLV 13	48	-157	0	-390	0	0
2	SLV 13	50	-157	0	-389	0	0
1	SLV 14	48	-157	0	-390	0	0
2	SLV 14	50	-157	0	-389	0	0
1	SLV 15	3	-157	0	-389	0	0
2	SLV 15	5	-157	0	-390	0	0
1	SLV 16	3	-157	0	-389	0	0
2	SLV 16	5	-157	0	-390	0	0

Verifiche delle distanze dai bordi dei bulloni Tab.4.2.XVIII NTC18

Piatto	Direzione della forza	Verifica e1 minima			Verifica e1 massima			Verifica e2 minima			Verifica e2 massima		
		e1,min.	e1,min,lim.	Verifica	e1,max.	e1,max,lim.	Verifica	e2,min.	e2,min,lim.	Verifica	e2,max.	e2,max,lim.	Verifica
1	Y	55	15.6	Si				23.5	15.6	Si			
2	Y	57.1	15.6	Si				73.5	15.6	Si			
1	X	23.5	15.6	Si				55	15.6	Si			
2	X	73.5	15.6	Si				57.1	15.6	Si			

Verifiche degli interessi dei bulloni Tab.4.2.XVIII NTC18

Piatto	Direzione della forza	Verifica p1 minimo			Verifica p1 massimo			Verifica p2 minimo			Verifica p2 massimo		
		p1,min.	p1,min,lim.	Verifica	p1,max.	p1,max,lim.	Verifica	p2,min.	p2,min,lim.	Verifica	p2,max.	p2,max,lim.	Verifica
1	Y	92.7	28.6	Si	92.7	126	Si	53	31.2	Si	53	126	Si
2	Y	92.7	28.6	Si	92.7	126	Si	53	31.2	Si	53	126	Si
1	X	53	28.6	Si	53	126	Si	92.7	31.2	Si	92.7	126	Si
2	X	53	28.6	Si	53	126	Si	92.7	31.2	Si	92.7	126	Si

Verifiche dei collegamenti bullonati

Verifica a taglio dei bulloni §4.2.8.1.1 NTC18

Fv,Ed	Fv,Rd	av	Area resistente	Tipo collegamento	βLf	ftbk	Comb.	Coll.	Sfrutt.	Verifica
453	3226	0.6	84	Non lungo	1	80	SLU 11	2	0.1404	Si

Verifiche a trazione dei bulloni §4.2.8.1.1 NTC18

Ft,Ed	Ft,Rd	k2	ftbk	A,res.t	Comb.	Coll.	Sfrutt.	Verifica
19.7	4838.4	0.9	80	84	SLV 10	2	0.0041	Si

Verifiche a trazione e taglio dei bulloni §4.2.8.1.1 NTC18

Ft,Ed	Ft,Rd	k2	Fv,Ed	Fv,Rd	av	ftbk	A,res.t	A,res.v	Comb.	Coll.	Sfrutt.	Verifica
1.4	4838.4	0.9	452.9	3225.6	0.6	80	84	84	SLU 11	2	0.1406	Si

Verifiche a rifollamento §4.2.8.1.1 NTC18

Dir.	Fv,Ed	Fb,Rd	k	α	ftk	t	d	X	Y	Elemento	Comb.	Coll.	Sfrutt.	Verifica
X	2	4686	2.5	0.603	36	9	12	-26.5	46.3	1	SLU 3	1	0.0004	Si
Y	453	7776	2.5	1	36	9	12	-26.5	46.3	2	SLU 11	2	0.0582	Si

Verifica a block tearing § 3.10.2 EN 1993-1-8:2005 + AC:2009

FvEdX	Veff,RdX	Ant,X	Anv,X	FvEdY	Veff,RdY	Ant,Y	Anv,Y	Indici bulloni	Tipo di verifica	fu	fy	Elemento	Comb.	Coll.	Sfrutt.	Verifica
				1809	9590	666	0	1;2;3;4	CE	36	23.5	1	SLU 11	2	0.1887	Si

Verifica a punzonamento §4.2.8.1.1 NTC18

Ft,Ed	Bp,Rd	dm	tp	ftk	Comb.	Coll.	Sfrutt.	Verifica
20	8794	18	9	36	SLV 10	2	0.0022	Si

Verifica delle saldature

Caratteristiche delle saldature

Materiale considerato per la verifica delle saldature: S235; Tipo di saldatura: Completa penetrazione

Le saldature a completa penetrazione e a completo ripristino di resistenza non necessitano di verifiche §4.2.8.2.1 NTC18

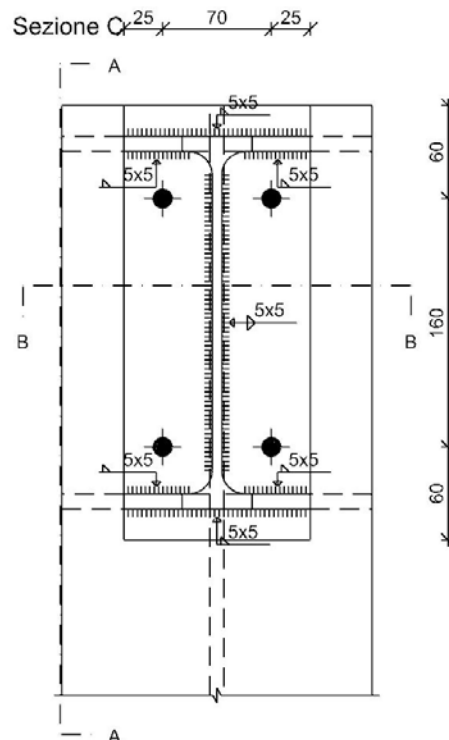
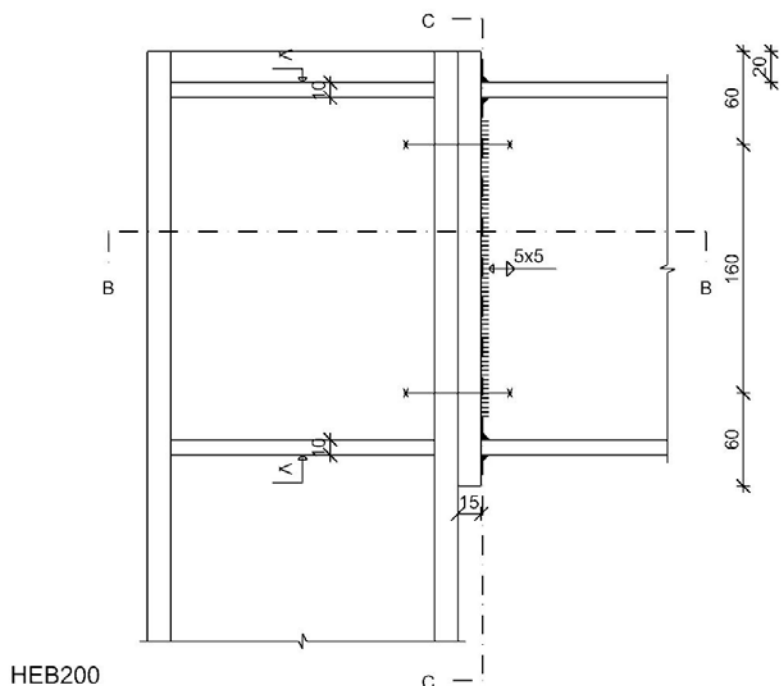
Verifica resistenza elastica a momento della piastra

mEd	Spessore	W elastico	fyd	mRd	Comb.	Coll.	Sfrutt.	Verifica
7	9	14	22.381	302	SLV 10	2	0.0224	Si

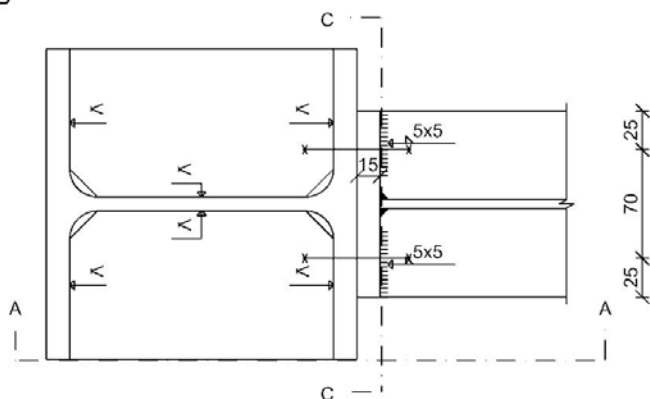
6 collegamenti con flange singole gruppo 1

Verifiche condotte secondo D.M. 17-01-18 (N.T.C.)

Sezione A



Sezione B



Quote disegno in mm

Dati generali

Piastre e bulloni

Materiale della piastra: S235 ($f_y = 23.5$; $f_u = 36$)
 Spessore della piastra: 15
 Spessore costola inferiore: 9.8
 Spessore costola superiore: 9.8
 Bulloni: diametro 12, diametro fori 13, classe EC 8.8 ($f_{tb} = 80$), sollecitati sul filetto
 n° bulloni: 4

Computo dei pesi

Piastra: 3.96
 Costole: 4.9
 Bulloni (peso forfettariamente pari al 20% del peso della connessione): 1.77
 Peso totale delle connessioni: $3 * 10.62 = 31.87$

Esposizione a fenomeni corrosivi o ambientali

Collegamento non esposto a fenomeni corrosivi o ambientali

Riferimenti per le verifiche

Direzione X: direzione ortogonale all'asse dell'elemento portato e giacente nel piano delle ali dell'elemento portato.
 Direzione Y: direzione ortogonale all'asse dell'elemento portato e giacente nel piano dell'anima dell'elemento portato.
 Numerazione degli elementi in corrispondenza dell'asta portata: 1: piastra di estremità; 2: piatto sulla portante.
 Indici dei bulloni: il bullone con indice 1 è quello con coordinata x minima e y massima, gli indici aumentano progressivamente con le colonne e successivamente con le righe di bulloni.
 Righe di bulloni: la riga con indice 1 è quello con coordinata y massima, gli indici aumentano progressivamente con le righe di bulloni.

Caratteristiche elementi collegati

Coll.	Elemento portato	Elemento portante
-------	------------------	-------------------

	Descrizione	Profilo	Materiale	Descrizione	Profilo	Materiale
1	Trave in acciaio falda Falda 1 fili 1-2	IPE240	S235	Colonna in acciaio tronco Platea di fondazione - Livello gronda filo 1	HEB200	S235
2	Trave in acciaio falda Falda 2 fili 5-6	IPE240	S235	Colonna in acciaio tronco Platea di fondazione - Livello gronda filo 5	HEB200	S235
3	Trave in acciaio livello Livello colmo fili 3-4	IPE240	S235	Colonna in acciaio tronco Platea di fondazione - Livello colmo filo 3	HEB200	S235

Sollecitazioni di verifica nelle combinazioni

Coll.	Comb.	F1	F2	F3	M1	M2	M3
1	SLU 1	5	-101	0	0	0	0
2	SLU 1	5	-101	0	0	0	0
3	SLU 1	3	-101	0	0	0	0
1	SLU 2	5	-101	0	-8	0	0
2	SLU 2	5	-101	0	8	0	0
3	SLU 2	3	-101	0	0	0	0
1	SLU 3	0	-101	0	-8	0	0
2	SLU 3	10	-101	0	8	0	0
3	SLU 3	3	-101	0	0	0	0
1	SLU 4	-3	-101	0	0	0	0
2	SLU 4	14	-101	0	0	0	0
3	SLU 4	3	-101	0	0	0	0
1	SLU 5	-3	-101	0	-5	0	0
2	SLU 5	14	-101	0	5	0	0
3	SLU 5	3	-101	0	0	0	0
1	SLU 6	13	-101	0	-8	0	0
2	SLU 6	13	-101	0	8	0	0
3	SLU 6	10	-101	0	0	0	0
1	SLU 7	8	-101	0	-8	0	0
2	SLU 7	18	-101	0	8	0	0
3	SLU 7	10	-101	0	0	0	0
1	SLU 8	4	-101	0	0	0	0
2	SLU 8	21	-101	0	0	0	0
3	SLU 8	10	-101	0	0	0	0
1	SLU 9	4	-101	0	-5	0	0
2	SLU 9	21	-101	0	5	0	0
3	SLU 9	10	-101	0	0	0	0
1	SLU 10	20	-101	0	0	0	0
2	SLU 10	20	-101	0	0	0	0
3	SLU 10	16	-101	0	0	0	0
1	SLU 11	20	-101	0	-5	0	0
2	SLU 11	20	-101	0	5	0	0
3	SLU 11	16	-101	0	0	0	0
1	SLU 12	15	-101	0	0	0	0
2	SLU 12	25	-101	0	0	0	0
3	SLU 12	16	-101	0	0	0	0
1	SLU 13	15	-101	0	-5	0	0
2	SLU 13	25	-101	0	5	0	0
3	SLU 13	16	-101	0	0	0	0
1	SLU 14	9	-101	0	0	0	0
2	SLU 14	9	-101	0	0	0	0
3	SLU 14	7	-101	0	0	0	0
1	SLU 15	9	-101	0	-5	0	0
2	SLU 15	9	-101	0	5	0	0
3	SLU 15	7	-101	0	0	0	0
1	SLU 16	4	-101	0	0	0	0
2	SLU 16	14	-101	0	0	0	0
3	SLU 16	7	-101	0	0	0	0
1	SLU 17	4	-101	0	-5	0	0
2	SLU 17	14	-101	0	5	0	0
3	SLU 17	7	-101	0	0	0	0
1	SLU 18	17	-101	0	0	0	0
2	SLU 18	17	-101	0	0	0	0
3	SLU 18	13	-101	0	0	0	0
1	SLU 19	17	-101	0	-5	0	0
2	SLU 19	17	-101	0	5	0	0
3	SLU 19	13	-101	0	0	0	0
1	SLU 20	12	-101	0	0	0	0
2	SLU 20	22	-101	0	0	0	0
3	SLU 20	13	-101	0	0	0	0
1	SLU 21	12	-101	0	-5	0	0
2	SLU 21	22	-101	0	5	0	0
3	SLU 21	13	-101	0	0	0	0
1	SLD 1	4	-78	0	1	0	0
2	SLD 1	4	-78	0	-1	0	0
3	SLD 1	2	-78	0	0	0	0
1	SLD 2	4	-78	0	1	0	0
2	SLD 2	4	-78	0	-1	0	0
3	SLD 2	2	-78	0	0	0	0
1	SLD 3	4	-78	0	1	0	0
2	SLD 3	4	-78	0	-1	0	0
3	SLD 3	2	-78	0	0	0	0
1	SLD 4	4	-78	0	1	0	0
2	SLD 4	4	-78	0	-1	0	0
3	SLD 4	2	-78	0	0	0	0
1	SLD 5	5	-78	0	0	0	0
2	SLD 5	3	-78	0	0	0	0
3	SLD 5	2	-78	0	0	0	0
1	SLD 6	5	-78	0	0	0	0
2	SLD 6	3	-78	0	0	0	0
3	SLD 6	2	-78	0	0	0	0
1	SLD 7	3	-78	0	0	0	0
2	SLD 7	5	-78	0	0	0	0
3	SLD 7	2	-78	0	0	0	0
1	SLD 8	3	-78	0	0	0	0
2	SLD 8	5	-78	0	0	0	0
3	SLD 8	2	-78	0	0	0	0
1	SLD 9	5	-78	0	0	0	0
2	SLD 9	3	-78	0	0	0	0
3	SLD 9	2	-78	0	0	0	0
1	SLD 10	5	-78	0	0	0	0

Coll.	Comb.	F1	F2	F3	M1	M2	M3
2	SLD 10	3	-78	0	0	0	0
3	SLD 10	2	-78	0	0	0	0
1	SLD 11	3	-78	0	0	0	0
2	SLD 11	5	-78	0	0	0	0
3	SLD 11	2	-78	0	0	0	0
1	SLD 12	3	-78	0	0	0	0
2	SLD 12	5	-78	0	0	0	0
3	SLD 12	2	-78	0	0	0	0
1	SLD 13	4	-78	0	-1	0	0
2	SLD 13	4	-78	0	1	0	0
3	SLD 13	2	-78	0	0	0	0
1	SLD 14	4	-78	0	-1	0	0
2	SLD 14	4	-78	0	1	0	0
3	SLD 14	2	-78	0	0	0	0
1	SLD 15	4	-78	0	-1	0	0
2	SLD 15	4	-78	0	1	0	0
3	SLD 15	2	-78	0	0	0	0
1	SLD 16	4	-78	0	-1	0	0
2	SLD 16	4	-78	0	1	0	0
3	SLD 16	2	-78	0	0	0	0
1	SLV 1	5	-78	0	3	0	0
2	SLV 1	3	-78	0	-3	0	0
3	SLV 1	2	-78	0	0	0	0
1	SLV 2	5	-78	0	3	0	0
2	SLV 2	3	-78	0	-3	0	0
3	SLV 2	2	-78	0	0	0	0
1	SLV 3	3	-78	0	3	0	0
2	SLV 3	5	-78	0	-3	0	0
3	SLV 3	2	-78	0	0	0	0
1	SLV 4	3	-78	0	3	0	0
2	SLV 4	5	-78	0	-3	0	0
3	SLV 4	2	-78	0	0	0	0
1	SLV 5	6	-78	0	1	0	0
2	SLV 5	2	-78	0	-1	0	0
3	SLV 5	2	-78	0	0	0	0
1	SLV 6	6	-78	0	1	0	0
2	SLV 6	2	-78	0	-1	0	0
3	SLV 6	2	-78	0	0	0	0
1	SLV 7	2	-78	0	1	0	0
2	SLV 7	6	-78	0	-1	0	0
3	SLV 7	2	-78	0	0	0	0
1	SLV 8	2	-78	0	1	0	0
2	SLV 8	6	-78	0	-1	0	0
3	SLV 8	2	-78	0	0	0	0
1	SLV 9	6	-78	0	-1	0	0
2	SLV 9	2	-78	0	1	0	0
3	SLV 9	2	-78	0	0	0	0
1	SLV 10	6	-78	0	-1	0	0
2	SLV 10	2	-78	0	1	0	0
3	SLV 10	2	-78	0	0	0	0
1	SLV 11	2	-78	0	-1	0	0
2	SLV 11	6	-78	0	1	0	0
3	SLV 11	2	-78	0	0	0	0
1	SLV 12	2	-78	0	-1	0	0
2	SLV 12	6	-78	0	1	0	0
3	SLV 12	2	-78	0	0	0	0
1	SLV 13	5	-78	0	-3	0	0
2	SLV 13	3	-78	0	3	0	0
3	SLV 13	2	-78	0	0	0	0
1	SLV 14	5	-78	0	-3	0	0
2	SLV 14	3	-78	0	3	0	0
3	SLV 14	2	-78	0	0	0	0
1	SLV 15	3	-78	0	-3	0	0
2	SLV 15	5	-78	0	3	0	0
3	SLV 15	2	-78	0	0	0	0
1	SLV 16	3	-78	0	-3	0	0
2	SLV 16	5	-78	0	3	0	0
3	SLV 16	2	-78	0	0	0	0

Verifiche delle distanze dai bordi dei bulloni Tab.4.2.XVIII NTC18

Piatto	Direzione della forza	Verifica e1 minima			Verifica e1 massima			Verifica e2 minima			Verifica e2 massima		
		e1,min.	e1,min,lim.	Verifica	e1,max.	e1,max,lim.	Verifica	e2,min.	e2,min,lim.	Verifica	e2,max.	e2,max,lim.	Verifica
1	Y	60	15.6	Si				25	15.6	Si			
2	Y	60	15.6	Si				65	15.6	Si			

Verifiche degli interessi dei bulloni Tab.4.2.XVIII NTC18

Piatto	Direzione della forza	Verifica p1 minimo			Verifica p1 massimo			Verifica p2 minimo			Verifica p2 massimo		
		p1,min.	p1,min,lim.	Verifica	p1,max.	p1,max,lim.	Verifica	p2,min.	p2,min,lim.	Verifica	p2,max.	p2,max,lim.	Verifica
1	Y	160	28.6	Si	160	200	Si	70	31.2	Si	70	200	Si
2	Y	160	28.6	Si	160	200	Si	70	31.2	Si	70	200	Si

Verifiche dei collegamenti bullonati

Verifica a taglio dei bulloni §4.2.8.1.1 NTC18

Fv,Ed	Fv,Rd	av	Area resistente	Tipo collegamento	βLf	ftbk	Comb.	Coll.	Sfrutt.	Verifica
25	3226	0.6	84	Non lungo	1	80	SLU 3	2	0.0078	Si

Verifiche a trazione dei bulloni §4.2.8.1.1 NTC18

Ft,Ed	Ft,Rd	k2	ftbk	A,res.t	Comb.	Coll.	Sfrutt.	Verifica
6.3	4838.4	0.9	80	84	SLU 13	2	0.0013	Si

Verifiche a trazione e taglio dei bulloni §4.2.8.1.1 NTC18

Ft,Ed	Ft,Rd	k2	Fv,Ed	Fv,Rd	av	ftbk	A,res.t	A,res.v	Comb.	Coll.	Sfrutt.	Verifica
6.3	4838.4	0.9	25.2	3225.6	0.6	80	84	84	SLU 13	2	0.0087	Si

Verifiche a rifollamento §4.2.8.1.1 NTC18

Dir.	Fv,Ed	Fb,Rd	k	α	ftk	t	d	X	Y	Elemento	Comb.	Coll.	Sfrutt.	Verifica
Y	25	12960	2.5	1	36	15	12	-35	80	1	SLU 3	2	0.0019	Si

Verifica a block tearing § 3.10.2 EN 1993-1-8:2005 + AC:2009

FvEdX	Veff,RdX	Ant,X	Anv,X	FvEdY	Veff,RdY	Ant,Y	Anv,Y	Indici bulloni	Tipo di verifica	fu	fy	Elemento	Comb.	Coll.	Sfrutt.	Verifica

FvEdX	Veff,RdX	Ant,X	Anv,X	FvEdY	Veff,RdY	Ant,Y	Anv,Y	Indici bulloni	Tipo di verifica	fu	fy	Elemento	Comb.	Coll.	Sfrutt.	Verifica
				101	20304	1410	0	1;2;3;4	CE	36	23.5	1	SLU 1	1	0.005	Si

Verifica a punzonamento §4.2.8.1.1 NTC18

Ft,Ed	Bp,Rd	dm	tp	ftk	Comb.	Coll.	Sfrutt.	Verifica
6	14657	18	15	36	SLU 13	2	0.0004	Si

Verifica delle saldature

Caratteristiche delle saldature

Tipo di saldatura: Cordone d'angolo; Tipo di cordone sulle ali: Cordone doppio

Materiale considerato per la verifica delle saldature:

Ala inferiore: S235; Lato cordone saldature: 5

Anima: S235; Lato cordone saldature: 5

Ala superiore: S235; Lato cordone saldature: 5

Verifica delle saldature (criterio semplificato) §4.2.8.2.4 NTC18

Fw,Ed	Fw,Rd	ftk	β	X	Y	Saldatura lunga	βLf	Comb.	Coll.	Sfrutt.	Verifica
0.27	73.476	36	0.8	-3.1	-95.2	No	1	SLU 13	2	0.0037	Si

Verifica collegamento sezioni I o H § 6 EN 1993-1-8:2005 + AC:2009

Riferimento	MjEd	MjRd	NjEd	NjRd	zc	NEd > 0.05 NjRd	Comb.	Coll.	Sfrutt.	Verifica
1	0	1949050	25	19354	-115.1	No	SLU 13	2	0	Si

Riferimento	β	Vwp,Rd	Fwp,Rd	Fc,wc,Rd (M)	Fc,fb,Rd	Fc,wb,Rd (M)	Fc,min (M)	File a trazione (M)	F,b,Rd	Fc,wc,Rd (N)	File a trazione (N)	Mj,w,Rd	Nj,w,Rd
1	1	32033	32033	74288	35693		32033	Si	87647		Si	4069124	57918

Nelle tabelle seguenti si riportano i valori della verifica più gravosa - prima riga delle due tabelle precedenti

Resistenza delle righe di bulloni tese nel calcolo di MjRd

Riferimento	Indice riga	F,T,min,Rd	z riga	Componente	Ridotta gruppo	Ridotta da compressione	Ridotta da resistenza trazione bulloni
1	1	9677	80	Flangia colonna inflessa	No	No	No
1	2	1741	-80	Flangia colonna inflessa	No	No	Si

Resistenza delle righe di bulloni tese nel calcolo di NjRd

Riferimento	Indice riga	F,T,min,Rd	Componente	Ridotta gruppo
1	2	9677	Flangia colonna inflessa	No
1	1	9677	Flangia colonna inflessa	No

2.3.2 Verifiche collegamenti del tipo "Piastra di base H-RHS"

Le unità di misura elencate nel capitolo sono in [mm, daN] ove non espressamente specificato.

Coll.: indice del collegamento.

Elemento portato: caratteristiche dell'elemento portato.

Descrizione: descrizione dell'elemento.

Profilo: profilo dell'elemento.

Materiale: materiale dell'elemento.

Elemento portante: caratteristiche dell'elemento portante.

Comb.: combinazione di verifica.

F1: forza sollecitante diretta secondo l'asse locale 1 della trave portata. [daN]

F2: forza sollecitante diretta secondo l'asse locale 2 della trave portata. [daN]

F3: forza sollecitante diretta secondo l'asse locale 3 della trave portata. [daN]

M1: momento sollecitante diretto secondo l'asse locale 1 della trave portata. [daN*mm]

M2: momento sollecitante diretto secondo l'asse locale 2 della trave portata. [daN*mm]

M3: momento sollecitante diretto secondo l'asse locale 3 della trave portata. [daN*mm]

Piatto: elemento di verifica.

Direzione della forza: direzione della forza di verifica.

Verifica e1 minima: verifica della distanza dall'estremità minima in direzione della forza.

e1,min.: minima distanza dall'estremità. [mm]

e1,min,lim.: limite distanza dall'estremità minima. [mm]

Verifica: stato di verifica.

Verifica e1 massima: verifica della distanza dall'estremità massima in direzione della forza.

e1,max.: massima distanza dall'estremità. [mm]

e1,max,lim.: limite distanza dall'estremità massima. [mm]

Verifica e2 minima: verifica della distanza dal bordo minima in direzione ortogonale alla forza.

e2,min.: minima distanza dal bordo. [mm]

e2,min,lim.: limite distanza dal bordo minima. [mm]

Verifica e2 massima: verifica della distanza dal bordo massima in direzione ortogonale alla forza.

e2,max.: massima distanza dal bordo. [mm]

e2,max,lim.: limite distanza dal bordo massima. [mm]

Piatto: numero identificativo del piatto.

Verifica p1 minimo: verifica del passo minimo in direzione della forza.

p1,min.: minimo passo degli ancoranti in direzione della forza. [mm]

p1,min,lim.: limite passo degli ancoranti in direzione della forza minimo. [mm]

Verifica p1 massimo: verifica del passo massimo in direzione della forza.

p1,max.: massimo passo degli ancoranti in direzione della forza. [mm]

p1,max,lim.: limite passo degli ancoranti in direzione della forza massimo. [mm]

Verifica p2 minimo: verifica del passo minimo in direzione ortogonale alla forza.

p2,min.: minimo passo degli ancoranti in direzione ortogonale alla forza. [mm]

p2,min,lim.: limite passo degli ancoranti in direzione ortogonale alla forza minimo. [mm]

Verifica p2 massimo: verifica del passo massimo in direzione ortogonale alla forza.

p2,max.: massimo passo degli ancoranti in direzione ortogonale alla forza. [mm]

p2,max,lim.: limite passo degli ancoranti in direzione ortogonale alla forza massimo. [mm]

Fv,Ed: forza di taglio sollecitante. [daN]

Fv,Rd: resistenza a taglio ancorante. [daN]

av: valore di av.

Area resistente: area resistente a taglio del bullone. [mm²]

ftbk: resistenza a rottura del materiale dell'ancorante. [daN/mm²]

ab: valore di ab. [daN/mm²]

fyb: resistenza a snervamento dell'acciaio dell'ancorante. [daN/mm²]

F1,vb,Rd: resistenza a taglio ancorante § 3.6.1 EN 1993-1-8:2005 + AC:2009. [daN/mm²]

F2,vb,Rd: resistenza a taglio ancorante (6.2) EN 1993-1-8:2005 + AC:2009. [daN/mm²]

Tipo collegamento: tipo di collegamento.

βLf: valore di βLf per connessione lunga.

Sfrutt.: rapporto di sfruttamento per la verifica in esame, inverso del coefficiente di sicurezza. Verificato se minore o uguale di 1.

Ft,Ed: forza di trazione sollecitante. [daN]

Ft,Rd: resistenza a trazione. [daN]

k2: valore di k2.

A,res.t: area resistente a trazione del bullone. [mm²]

Ft,Rd: resistenza a trazione dell'ancorante. [daN]

Fvb,Rd: resistenza a taglio dell'ancorante. [daN]

A,res.t: area resistente a trazione dell'ancorante. [mm²]

A,res.v: area resistente a taglio dell'ancorante. [mm²]

Dir.: direzione della forza.

Fb,Rd: resistenza a rifollamento. [daN]

k: valore di k.

α: valore di α.

ftk: resistenza a rottura della piastra. [daN/mm²]

t: spessore della piastra. [mm]

d: diametro nominale dell'ancorante. [mm]

X: coordinata X del tirafondo riferita al baricentro degli ancorantiX. [mm]

Y: coordinata Y del tirafondo riferita al baricentro degli ancorantiY. [mm]

FvEdX: forza di strappo in direzione x. [daN]

Veff,RdX: resistenza di progetto per tranciamento a blocco in direzione x. [daN]

Ant,X: area netta soggetta a trazione per forza in direzione x. [mm²]

Anv,X: area netta soggetta a taglio per forza in direzione x. [mm²]

FvEdY: forza di strappo in direzione y. [daN]

Veff,RdY: resistenza di progetto per tranciamento a blocco in direzione y. [daN]

Ant,Y: area netta soggetta a trazione per forza in direzione y. [mm²]

Anv,Y: area netta soggetta a taglio per forza in direzione y. [mm²]

Indici bulloni: indici dei bulloni considerati nella verifica a block tearing.

Tipo di verifica: tipo di verifica condotta (CC: carico centrato e disposizione simmetrica; CE: carico eccentrico o disposizione asimmetrica).

fu: resistenza ultima della piastra. [daN/mm²]

fy: resistenza a snervamento della piastra. [daN/mm²]

Elemento: elemento di verifica.

Bp,Rd: resistenza a punzonamento. [daN]

dm: diametro della testa del dado dell'ancorante. [mm]

tp: spessore della piastra. [mm]

ftk: tensione di rottura dell'acciaio del piatto. [daN/mm²]

NEd: sforzo assiale agente sul tirafondo. [mm]

A netta: area della piastra di ancoraggio al netto del tirafondo. [mm²]

σEd: pressione agente sulla piastra di ancoraggio del tirafondo. [daN/mm²]

fcd: resistenza a compressione di progetto del calcestruzzo. [daN/mm²]

VEd: sollecitazione di taglio. [daN]

Vc,Rd: resistenza a taglio. [daN]

Av: area resistenza a taglio. [mm²]

Cl: classe della sezione.

px: coefficiente di riduzione della resistenza di snervamento per taglio in direzione x.

py: coefficiente di riduzione della resistenza di snervamento per taglio in direzione y.

Sforzo normale: sforzo normale (trazione o compressione).

NEd: sollecitazione assiale. [daN]

NRd: resistenza assiale ridotta per taglio. [daN]

Rid. NRd da VEd: rapporto tra la resistenza assiale ridotta per taglio e la resistenza assiale.

Momento My: momento agente attorno all'asse Y della sezione del profilo.

My,Ed: sollecitazione flettente attorno y-y. [daN*mm]

My,Rd: resistenza a flessione attorno x-x ridotta. [daN*mm]

Rid. My,Rd da VEd: rapporto tra la resistenza flettente ridotta per taglio e la resistenza flettente attorno y-y.

Rid. My,Rd da NEd: rapporto tra la resistenza flettente ridotta per sforzo normale e taglio e la resistenza flettente ridotta per taglio attorno y-y.

Momento Mx: momento agente attorno all'asse X della sezione del profilo.

Mx,Ed: sollecitazione flettente attorno x-x. [daN*mm]

Mx,Rd: resistenza a flessione attorno x-x ridotta. [daN*mm]

Rid. Mx,Rd da VEd: rapporto tra la resistenza flettente ridotta per taglio e la resistenza flettente attorno x-x.

Rid. Mx,Rd da NEd: rapporto tra la resistenza flettente ridotta per sforzo normale e taglio e la resistenza flettente ridotta per taglio attorno x-x.

Fw,Ed: forza di progetto sulla saldatura per unità di lunghezza. [daN/mm]

Fw,Rd: resistenza di progetto della saldatura per unità di lunghezza. [daN/mm]

ftk: resistenza a rottura del più debole degli elementi collegati. [daN/mm²]

β: valore di β.

X: coordinata x del punto più sollecitato rispetto al baricentro delle saldature. [mm]

Y: coordinata y del punto più sollecitato rispetto al baricentro delle saldature. [mm]

Saldatura lunga: indica se la saldatura è lunga (lunghezza > 150a).

mEd: momento flettente massimo sulla piastra per unità di lunghezza. [daN*mm/mm]

Spessore: spessore della piastra. [mm]

W elastico: modulo elastico della piastra per unità di lunghezza. [mm²]

fyd: resistenza di progetto del materiale della piastra. [daN/mm²]

mRd: momento resistente di progetto della piastra per unità di lunghezza. [daN*mm/mm]

σc,Ed: massima pressione della piastra di base sul calcestruzzo dell'elemento portante. [daN/mm²]

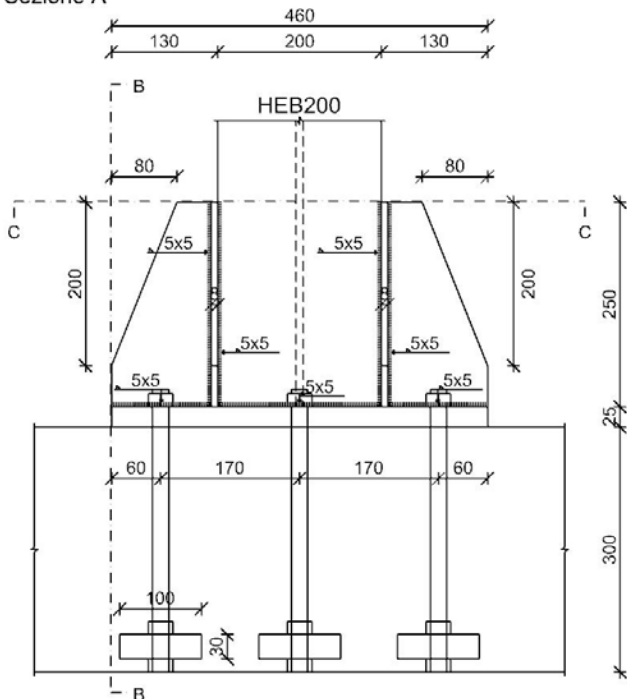
c: larghezza della zona di contatto supplementare. [mm]

fjd: tensione resistente di contatto di progetto. [daN/mm²]

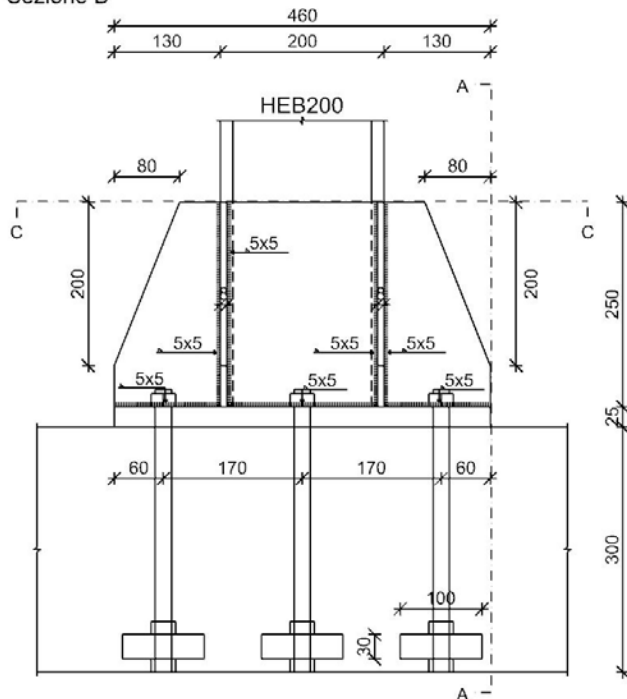
6 piastre di base gruppo 1

Verifiche condotte secondo D.M. 17-01-18 (N.T.C.)

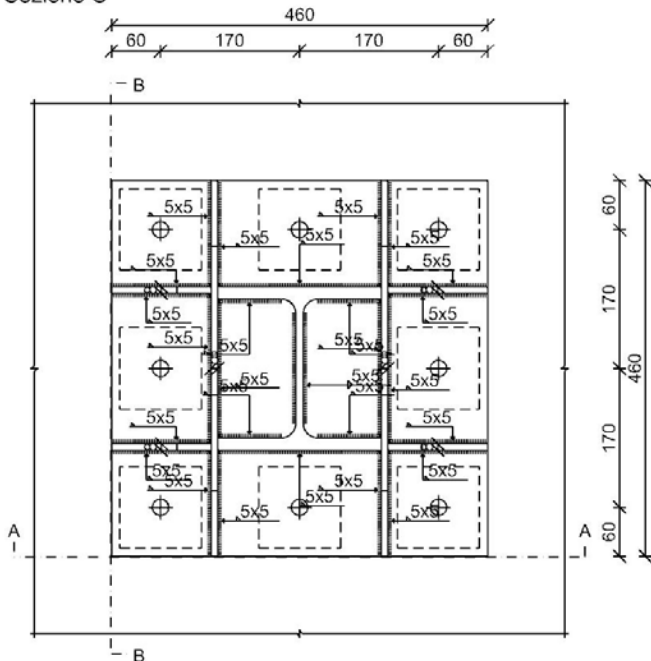
Sezione A



Sezione B



Sezione C



Quote disegno in mm

Dati generali

Piastre e ancoranti

Piastra materiale S235 ($f_y = 23.5$; $f_u = 36$) spessore: 25

Irrigidimenti superiori materiale S235 ($f_y = 23.5$; $f_u = 36$) spessore: 8

Ancoranti di tipo Tirafondo barre da armatura: diametro tirafondi 20, materiale B450C ad aderenza migliorata ($f_{ub} = 45$) attivi solo a trazione sollecitati sul filetto

Diametro fori 21

Ancoraggio con rosette materiale S235 ($f_y = 23.5$; $f_u = 36$) spessore: 30

N° tirafondi: 8

Computo dei pesi

Piastra: 41.53

Irrigidimento superiore: 9.04

Rosette: 18.84

Tirafondi: 8.47

Peso totale delle connessioni: $6 \cdot 77.88 = 467.29$

Esposizione a fenomeni corrosivi o ambientali

Collegamento non esposto a fenomeni corrosivi o ambientali

Riferimenti per le verifiche

Direzione X: direzione ortogonale all'asse dell'elemento portato e giacente nel piano delle ali dell'elemento portato.
 Direzione Y: direzione ortogonale all'asse dell'elemento portato e giacente nel piano dell'anima dell'elemento portato.
 Indici degli ancoranti: l'ancorante con indice 1 è quello con coordinata x minima e y massima, gli indici aumentano progressivamente con le colonne e successivamente con le righe di ancoranti.

Caratteristiche elementi collegati

Coll.	Elemento portato			Elemento portante	
	Descrizione	Profilo	Materiale	Descrizione	Materiale
1	Colonna in acciaio tronco Platea di fondazione - Livello gronda filo 1	HEB200	S235	Piastra C.A. a livello Platea di fondazione (5.675; -0.475) (5.675; 9.125) (-0.325; 9.125) (-0.325; -0.475) [m]	C28/35
2	Colonna in acciaio tronco Platea di fondazione - Livello colmo filo 2	HEB200	S235	Piastra C.A. a livello Platea di fondazione (5.675; -0.475) (5.675; 9.125) (-0.325; 9.125) (-0.325; -0.475) [m]	C28/35
3	Colonna in acciaio tronco Platea di fondazione - Livello gronda filo 3	HEB200	S235	Piastra C.A. a livello Platea di fondazione (5.675; -0.475) (5.675; 9.125) (-0.325; 9.125) (-0.325; -0.475) [m]	C28/35
4	Colonna in acciaio tronco Platea di fondazione - Livello gronda filo 4	HEB200	S235	Piastra C.A. a livello Platea di fondazione (5.675; -0.475) (5.675; 9.125) (-0.325; 9.125) (-0.325; -0.475) [m]	C28/35
5	Colonna in acciaio tronco Platea di fondazione - Livello colmo filo 5	HEB200	S235	Piastra C.A. a livello Platea di fondazione (5.675; -0.475) (5.675; 9.125) (-0.325; 9.125) (-0.325; -0.475) [m]	C28/35
6	Colonna in acciaio tronco Platea di fondazione - Livello gronda filo 6	HEB200	S235	Piastra C.A. a livello Platea di fondazione (5.675; -0.475) (5.675; 9.125) (-0.325; 9.125) (-0.325; -0.475) [m]	C28/35

Sollecitazioni di verifica nelle combinazioni

Coll.	Comb.	F1	F2	F3	M1	M2	M3
1	SLU 1	-673	5	-2	0	6476	22498
2	SLU 1	-958	3	0	0	208	17023
3	SLU 1	-673	5	2	0	-6655	22476
4	SLU 1	-673	-5	-2	0	6656	-22498
5	SLU 1	-958	-3	0	0	-186	-17023
6	SLU 1	-673	-5	2	0	-6496	-22476
1	SLU 2	-673	-1569	-4	-66	19090	-3360777
2	SLU 2	-958	3	0	0	210	16212
3	SLU 2	-673	-1569	4	66	-19270	-3360788
4	SLU 2	-674	-1579	1	-66	-5971	-3405752
5	SLU 2	-957	-3	0	0	-196	-17833
6	SLU 2	-674	-1579	-1	66	6140	-3405742
1	SLU 3	-642	-1574	-1005	-66	2582808	-3382326
2	SLU 3	-958	3	-1493	0	2773497	16206
3	SLU 3	-704	-1564	-996	65	2544429	-3339220
4	SLU 3	-643	-1574	-999	-65	2557732	-3384203
5	SLU 3	-957	-3	-1493	0	2773094	-17829
6	SLU 3	-705	-1584	-1002	66	2569851	-3427309
1	SLU 4	-622	-3	-1669	0	4279339	-13416
2	SLU 4	-958	3	-2488	1	4622354	17013
3	SLU 4	-725	14	-1666	0	4266176	58423
4	SLU 4	-622	3	-1669	0	4279496	13417
5	SLU 4	-958	-3	-2488	-1	4621963	-17015
6	SLU 4	-725	-14	-1666	0	4266356	-58422
1	SLU 5	-621	-947	-1671	-40	4286908	-2043382
2	SLU 5	-958	3	-2488	1	4622355	16527
3	SLU 5	-725	-931	-1664	39	4258607	-1971536
4	SLU 5	-622	-941	-1667	-39	4271919	-2016535
5	SLU 5	-957	-3	-2488	-1	4621957	-17501
6	SLU 5	-725	-958	-1668	40	4273937	-2088381
1	SLU 6	-1467	-1561	-6	-66	26462	-3328852
2	SLU 6	-2539	10	0	0	194	46830
3	SLU 6	-1467	-1561	6	66	-26629	-3328864
4	SLU 6	-1468	-1586	0	-66	1388	-3437677
5	SLU 6	-2537	-10	0	0	-172	-48452
6	SLU 6	-1468	-1586	0	66	-1240	-3437665
1	SLU 7	-1436	-1566	-1007	-66	2590180	-3350401
2	SLU 7	-2539	10	-1493	0	2773481	46824
3	SLU 7	-1498	-1556	-994	65	2537070	-3307297
4	SLU 7	-1437	-1581	-1001	-65	2565091	-3416128
5	SLU 7	-2537	-10	-1493	0	2773118	-48447
6	SLU 7	-1499	-1591	-1000	66	2562471	-3459232
1	SLU 8	-1416	4	-1671	0	4286712	18508
2	SLU 8	-2538	10	-2488	1	4622339	47631
3	SLU 8	-1519	21	-1664	0	4258817	90346
4	SLU 8	-1416	-4	-1671	0	4286855	-18508
5	SLU 8	-2538	-10	-2488	-1	4621987	-47633
6	SLU 8	-1519	-21	-1664	0	4258976	-90345
1	SLU 9	-1415	-940	-1673	-40	4294280	-2011457
2	SLU 9	-2538	10	-2488	1	4622339	47145
3	SLU 9	-1519	-923	-1663	39	4251248	-1939612
4	SLU 9	-1416	-949	-1669	-39	4279278	-2048460
5	SLU 9	-2537	-10	-2488	-1	4621981	-48119
6	SLU 9	-1519	-965	-1666	40	4266558	-2120304
1	SLU 10	-2262	20	-5	0	21221	86348
2	SLU 10	-4118	16	0	0	177	78259
3	SLU 10	-2262	20	5	0	-21373	86323
4	SLU 10	-2262	-20	-5	0	21374	-86348
5	SLU 10	-4118	-16	0	0	-138	-78259
6	SLU 10	-2262	-20	5	0	-21256	-86323
1	SLU 11	-2261	-924	-7	-39	28789	-1943617
2	SLU 11	-4118	16	0	0	177	77773
3	SLU 11	-2261	-924	7	39	-28941	-1943636
4	SLU 11	-2262	-964	-3	-39	13798	-2116300
5	SLU 11	-4117	-16	0	0	-144	-78746
6	SLU 11	-2262	-964	3	39	-13674	-2116282
1	SLU 12	-2231	15	-1006	0	2584939	64799
2	SLU 12	-4118	16	-1493	0	2773464	78253
3	SLU 12	-2293	25	-996	0	2542326	107891
4	SLU 12	-2231	-15	-1006	0	2585078	-64799
5	SLU 12	-4118	-16	-1493	0	2773152	-78255

Coll.	Comb.	F1	F2	F3	M1	M2	M3
6	SLU 12	-2293	-25	-996	0	2542456	-107890
1	SLU 13	-2230	-929	-1007	-40	2592507	-1965166
2	SLU 13	-4118	16	-1493	0	2773465	77767
3	SLU 13	-2292	-919	-994	39	2534757	-1922068
4	SLU 13	-2231	-959	-1004	-39	2577501	-2094751
5	SLU 13	-4117	-16	-1493	0	2773146	-78741
6	SLU 13	-2293	-969	-997	40	2550037	-2137849
1	SLU 14	-1088	9	-2	0	10326	39169
2	SLU 14	-1783	7	0	0	200	33011
3	SLU 14	-1088	9	2	0	-10498	39146
4	SLU 14	-1088	-9	-2	0	10499	-39169
5	SLU 14	-1783	-7	0	0	-174	-33011
6	SLU 14	-1088	-9	2	0	-10350	-39146
1	SLU 15	-1088	-935	-4	-39	17894	-1990797
2	SLU 15	-1783	7	0	0	201	32525
3	SLU 15	-1088	-935	4	39	-18066	-1990813
4	SLU 15	-1088	-953	-1	-39	2923	-2069121
5	SLU 15	-1782	-7	0	0	-180	-33497
6	SLU 15	-1088	-953	1	39	-2768	-2069105
1	SLU 16	-1057	4	-1003	0	2574044	17620
2	SLU 16	-1783	7	-1493	0	2773488	33005
3	SLU 16	-1119	14	-998	0	2553201	60714
4	SLU 16	-1057	-4	-1003	0	2574203	-17619
5	SLU 16	-1783	-7	-1493	0	2773116	-33006
6	SLU 16	-1119	-14	-998	0	2553361	-60713
1	SLU 17	-1057	-940	-1005	-40	2581612	-2012346
2	SLU 17	-1783	7	-1493	0	2773488	32518
3	SLU 17	-1119	-930	-996	39	2545632	-1969245
4	SLU 17	-1057	-948	-1001	-39	2566626	-2047572
5	SLU 17	-1782	-7	-1493	0	2773110	-33492
6	SLU 17	-1119	-958	-1000	40	2560943	-2090672
1	SLU 18	-1882	17	-4	0	17698	71093
2	SLU 18	-3363	13	0	0	184	63629
3	SLU 18	-1882	17	4	0	-17856	71069
4	SLU 18	-1882	-17	-4	0	17858	-71093
5	SLU 18	-3363	-13	0	0	-150	-63629
6	SLU 18	-1882	-17	4	0	-17729	-71069
1	SLU 19	-1882	-928	-6	-39	25266	-1958872
2	SLU 19	-3363	13	0	0	185	63143
3	SLU 19	-1882	-928	6	39	-25425	-1958889
4	SLU 19	-1882	-961	-2	-39	10282	-2101046
5	SLU 19	-3362	-13	0	0	-156	-64115
6	SLU 19	-1882	-961	2	39	-10148	-2101028
1	SLU 20	-1851	12	-1005	0	2581416	49545
2	SLU 20	-3363	13	-1493	0	2773472	63623
3	SLU 20	-1913	22	-996	0	2545842	92637
4	SLU 20	-1851	-12	-1005	0	2581562	-49544
5	SLU 20	-3363	-13	-1493	0	2773140	-63624
6	SLU 20	-1913	-22	-997	0	2545982	-92636
1	SLU 21	-1851	-933	-1007	-40	2588984	-1980421
2	SLU 21	-3363	13	-1493	0	2773473	63137
3	SLU 21	-1913	-923	-995	39	2538273	-1937322
4	SLU 21	-1851	-956	-1003	-39	2573985	-2079496
5	SLU 21	-3362	-13	-1493	0	2773134	-64110
6	SLU 21	-1913	-966	-998	40	2553563	-2122595
1	SLD 1	-503	106	40	-27	-170358	454998
2	SLD 1	-703	156	26	0	-131233	778147
3	SLD 1	-499	105	41	27	-176556	452364
4	SLD 1	-502	97	39	-27	-166632	419135
5	SLD 1	-703	151	26	0	-131535	752808
6	SLD 1	-499	98	42	27	-180025	421771
1	SLD 2	-503	106	40	-27	-170358	454998
2	SLD 2	-703	156	26	0	-131233	778147
3	SLD 2	-499	105	41	27	-176556	452364
4	SLD 2	-502	97	39	-27	-166632	419135
5	SLD 2	-703	151	26	0	-131535	752808
6	SLD 2	-499	98	42	27	-180025	421771
1	SLD 3	-499	105	-41	-27	176494	452383
2	SLD 3	-703	156	-26	0	130917	777691
3	SLD 3	-502	106	-40	27	170295	454983
4	SLD 3	-499	98	-42	-27	180220	421750
5	SLD 3	-703	151	-26	0	130616	753264
6	SLD 3	-502	97	-39	27	166828	419155
1	SLD 4	-499	105	-41	-27	176494	452383
2	SLD 4	-703	156	-26	0	130917	777691
3	SLD 4	-502	106	-40	27	170295	454983
4	SLD 4	-499	98	-42	-27	180220	421750
5	SLD 4	-703	151	-26	0	130616	753264
6	SLD 4	-502	97	-39	27	166828	419155
1	SLD 5	-506	35	133	-8	-573791	152100
2	SLD 5	-703	49	87	0	-436852	242844
3	SLD 5	-496	33	135	8	-582496	143361
4	SLD 5	-506	26	133	-8	-572574	110139
5	SLD 5	-703	43	87	0	-437157	216442
6	SLD 5	-496	28	136	8	-583455	118875
1	SLD 6	-506	35	133	-8	-573791	152100
2	SLD 6	-703	49	87	0	-436852	242844
3	SLD 6	-496	33	135	8	-582496	143361
4	SLD 6	-506	26	133	-8	-572574	110139
5	SLD 6	-703	43	87	0	-437157	216442
6	SLD 6	-496	28	136	8	-583455	118875
1	SLD 7	-496	33	-135	-8	582385	143386
2	SLD 7	-703	48	-87	0	436982	241322
3	SLD 7	-506	35	-133	8	573672	152091
4	SLD 7	-496	28	-136	-8	583598	118855
5	SLD 7	-703	44	-87	0	436680	217965
6	SLD 7	-506	26	-133	8	572721	110155
1	SLD 8	-496	33	-135	-8	582385	143386
2	SLD 8	-703	48	-87	0	436982	241322
3	SLD 8	-506	35	-133	8	573672	152091

Coll.	Comb.	F1	F2	F3	M1	M2	M3
4	SLD 8	-496	28	-136	-8	583598	118855
5	SLD 8	-703	44	-87	0	436680	217965
6	SLD 8	-506	26	-133	8	572721	110155
1	SLD 9	-506	-26	133	8	-572738	-110141
2	SLD 9	-703	-43	87	0	-436661	-216444
3	SLD 9	-496	-28	136	-8	-583595	-118880
4	SLD 9	-506	-35	133	8	-573672	-152100
5	SLD 9	-703	-49	87	0	-436968	-242843
6	SLD 9	-496	-33	135	-8	-582399	-143366
1	SLD 10	-506	-26	133	8	-572738	-110141
2	SLD 10	-703	-43	87	0	-436661	-216444
3	SLD 10	-496	-28	136	-8	-583595	-118880
4	SLD 10	-506	-35	133	8	-573672	-152100
5	SLD 10	-703	-49	87	0	-436968	-242843
6	SLD 10	-496	-33	135	-8	-582399	-143366
1	SLD 11	-496	-28	-136	8	583438	-118855
2	SLD 11	-703	-44	-87	0	437174	-217966
3	SLD 11	-506	-26	-133	-8	572573	-110150
4	SLD 11	-496	-33	-135	8	582499	-143384
5	SLD 11	-703	-48	-87	0	436869	-241320
6	SLD 11	-506	-35	-133	-8	573776	-152086
1	SLD 12	-496	-28	-136	8	583438	-118855
2	SLD 12	-703	-44	-87	0	437174	-217966
3	SLD 12	-506	-26	-133	-8	572573	-110150
4	SLD 12	-496	-33	-135	8	582499	-143384
5	SLD 12	-703	-48	-87	0	436869	-241320
6	SLD 12	-506	-35	-133	-8	573776	-152086
1	SLD 13	-502	-97	39	27	-166847	-419138
2	SLD 13	-703	-151	26	0	-130596	-752813
3	SLD 13	-499	-98	42	-27	-180218	-421772
4	SLD 13	-502	-106	40	27	-170294	-454995
5	SLD 13	-703	-156	26	0	-130904	-778142
6	SLD 13	-499	-105	41	-27	-176506	-452366
1	SLD 14	-502	-97	39	27	-166847	-419138
2	SLD 14	-703	-151	26	0	-130596	-752813
3	SLD 14	-499	-98	42	-27	-180218	-421772
4	SLD 14	-502	-106	40	27	-170294	-454995
5	SLD 14	-703	-156	26	0	-130904	-778142
6	SLD 14	-499	-105	41	-27	-176506	-452366
1	SLD 15	-499	-98	-42	27	180005	-421753
2	SLD 15	-703	-151	-26	0	131554	-753269
3	SLD 15	-502	-97	-39	-27	166632	-419153
4	SLD 15	-499	-105	-41	27	176557	-452380
5	SLD 15	-703	-156	-26	0	131247	-777686
6	SLD 15	-502	-106	-40	-27	170347	-454982
1	SLD 16	-499	-98	-42	27	180005	-421753
2	SLD 16	-703	-151	-26	0	131554	-753269
3	SLD 16	-502	-97	-39	-27	166632	-419153
4	SLD 16	-499	-105	-41	27	176557	-452380
5	SLD 16	-703	-156	-26	0	131247	-777686
6	SLD 16	-502	-106	-40	-27	170347	-454982
1	SLV 1	-505	238	92	-62	-397456	1023288
2	SLV 1	-703	354	60	0	-301566	1770778
3	SLV 1	-497	237	93	62	-399002	1017263
4	SLV 1	-504	229	90	-62	-389079	984032
5	SLV 1	-703	349	60	0	-301864	1744839
6	SLV 1	-497	230	95	62	-407128	990063
1	SLV 2	-505	238	92	-62	-397456	1023288
2	SLV 2	-703	354	60	0	-301566	1770778
3	SLV 2	-497	237	93	62	-399002	1017263
4	SLV 2	-504	229	90	-62	-389079	984032
5	SLV 2	-703	349	60	0	-301864	1744839
6	SLV 2	-497	230	95	62	-407128	990063
1	SLV 3	-497	237	-93	-62	399041	1017284
2	SLV 3	-703	354	-60	0	300425	1769729
3	SLV 3	-505	238	-92	62	397489	1023277
4	SLV 3	-497	230	-95	-62	407415	990036
5	SLV 3	-703	349	-60	0	300128	1745888
6	SLV 3	-504	229	-91	62	389369	984056
1	SLV 4	-497	237	-93	-62	399041	1017284
2	SLV 4	-703	354	-60	0	300425	1769729
3	SLV 4	-505	238	-92	62	397489	1023277
4	SLV 4	-497	230	-95	-62	407415	990036
5	SLV 4	-703	349	-60	0	300128	1745888
6	SLV 4	-504	229	-91	62	389369	984056
1	SLV 5	-513	76	308	-18	-1323881	327727
2	SLV 5	-703	108	201	0	-1003376	541531
3	SLV 5	-489	72	310	19	-1331186	307681
4	SLV 5	-513	64	307	-19	-1321266	274467
5	SLV 5	-703	103	201	0	-1003681	513154
6	SLV 5	-489	69	310	19	-1333546	294506
1	SLV 6	-513	76	308	-18	-1323881	327727
2	SLV 6	-703	108	201	0	-1003376	541531
3	SLV 6	-489	72	310	19	-1331186	307681
4	SLV 6	-513	64	307	-19	-1321266	274467
5	SLV 6	-703	103	201	0	-1003681	513154
6	SLV 6	-489	69	310	19	-1333546	294506
1	SLV 7	-489	72	-310	-19	1331110	307716
2	SLV 7	-703	108	-201	0	1003259	538036
3	SLV 7	-513	76	-308	19	1323786	327728
4	SLV 7	-489	68	-310	-19	1333715	294482
5	SLV 7	-703	103	-201	0	1002958	516650
6	SLV 7	-513	64	-307	19	1321443	274481
1	SLV 8	-489	72	-310	-19	1331110	307716
2	SLV 8	-703	108	-201	0	1003259	538036
3	SLV 8	-513	76	-308	19	1323786	327728
4	SLV 8	-489	68	-310	-19	1333715	294482
5	SLV 8	-703	103	-201	0	1002958	516650
6	SLV 8	-513	64	-307	19	1321443	274481
1	SLV 9	-513	-64	307	19	-1321463	-274471

Coll.	Comb.	F1	F2	F3	M1	M2	M3
2	SLV 9	-703	-103	201	0	-1002937	-513158
3	SLV 9	-489	-69	310	-19	-1333709	-294517
4	SLV 9	-513	-76	308	19	-1323789	-327727
5	SLV 9	-703	-108	201	0	-1003246	-541528
6	SLV 9	-489	-72	310	-19	-1331121	-307693
1	SLV 10	-513	-64	307	19	-1321463	-274471
2	SLV 10	-703	-103	201	0	-1002937	-513158
3	SLV 10	-489	-69	310	-19	-1333709	-294517
4	SLV 10	-513	-76	308	19	-1323789	-327727
5	SLV 10	-703	-108	201	0	-1003246	-541528
6	SLV 10	-489	-72	310	-19	-1331121	-307693
1	SLV 11	-489	-68	-310	19	1333528	-294482
2	SLV 11	-703	-103	-201	0	1003697	-516653
3	SLV 11	-513	-64	-307	-19	1321263	-274470
4	SLV 11	-489	-72	-310	19	1331191	-307712
5	SLV 11	-703	-108	-201	0	1003393	-538032
6	SLV 11	-513	-76	-308	-19	1323867	-327718
1	SLV 12	-489	-68	-310	19	1333528	-294482
2	SLV 12	-703	-103	-201	0	1003697	-516653
3	SLV 12	-513	-64	-307	-19	1321263	-274470
4	SLV 12	-489	-72	-310	19	1331191	-307712
5	SLV 12	-703	-108	-201	0	1003393	-538032
6	SLV 12	-513	-76	-308	-19	1323867	-327718
1	SLV 13	-504	-229	91	62	-389394	-984039
2	SLV 13	-703	-349	60	0	-300103	-1744851
3	SLV 13	-497	-230	95	-62	-407412	-990065
4	SLV 13	-505	-238	92	62	-397490	-1023281
5	SLV 13	-703	-354	60	0	-300416	-1770766
6	SLV 13	-497	-237	93	-62	-399047	-1017267
1	SLV 14	-504	-229	91	62	-389394	-984039
2	SLV 14	-703	-349	60	0	-300103	-1744851
3	SLV 14	-497	-230	95	-62	-407412	-990065
4	SLV 14	-505	-238	92	62	-397490	-1023281
5	SLV 14	-703	-354	60	0	-300416	-1770766
6	SLV 14	-497	-237	93	-62	-399047	-1017267
1	SLV 15	-497	-230	-95	62	407104	-990043
2	SLV 15	-703	-349	-60	0	301887	-1745900
3	SLV 15	-504	-229	-90	-62	389079	-984051
4	SLV 15	-497	-237	-93	62	399004	-1017277
5	SLV 15	-703	-354	-60	0	301576	-1769717
6	SLV 15	-505	-238	-92	-62	397450	-1023274
1	SLV 16	-497	-230	-95	62	407104	-990043
2	SLV 16	-703	-349	-60	0	301887	-1745900
3	SLV 16	-504	-229	-90	-62	389079	-984051
4	SLV 16	-497	-237	-93	62	399004	-1017277
5	SLV 16	-703	-354	-60	0	301576	-1769717
6	SLV 16	-505	-238	-92	-62	397450	-1023274

Verifiche delle distanze dai bordi degli ancoranti Tab.4.2.XVIII NTC18

Piatto	Direzione della forza	Verifica e1 minima			Verifica e1 massima			Verifica e2 minima			Verifica e2 massima		
		e1,min.	e1,min,lim.	Verifica	e1,max.	e1,max,lim.	Verifica	e2,min.	e2,min,lim.	Verifica	e2,max.	e2,max,lim.	Verifica
1	Y	60	25.2	Si				60	25.2	Si			
1	X	60	25.2	Si				60	25.2	Si			

Verifiche degli interessi degli ancoranti Tab.4.2.XVIII NTC18

Piatto	Direzione della forza	Verifica p1 minimo			Verifica p1 massimo			Verifica p2 minimo			Verifica p2 massimo		
		p1,min.	p1,min,lim.	Verifica	p1,max.	p1,max,lim.	Verifica	p2,min.	p2,min,lim.	Verifica	p2,max.	p2,max,lim.	Verifica
1	Y	170	46.2	Si				170	50.4	Si			
1	X	170	46.2	Si				170	50.4	Si			

Verifiche degli ancoranti

Verifica a taglio degli ancoranti §4.2.8.1.1 NTC18

Fv,Ed	Fv,Rd	av	Area resistente	ftbk	ab	fyb	F1,vb,Rd	F2,vb,Rd	Tipo collegamento	βLf	Comb.	Coll.	Sfrutt.	Verifica
263	2663	0.5	245	45	0.0031	45	44.1	26.901	Lungo	0.99	SLU 5	5	0.0988	Si

Verifiche a trazione degli ancoranti §4.2.8.1.1 NTC18

Ft,Ed	Ft,Rd	k2	ftbk	A,res.t	Comb.	Coll.	Sfrutt.	Verifica
5208.1	7938	0.9	45	245	SLU 5	6	0.6561	Si

Verifiche a trazione e taglio degli ancoranti §4.2.8.1.1 NTC18 § 6.2.2(7) EN 1993-1-8:2005 + AC:2009

Ft,Ed	Ft,Rd	k2	Fv,Ed	Fvb,Rd	F1,vb,Rd	F2,vb,Rd	A,res.t	A,res.v	Comb.	Coll.	Sfrutt.	Verifica
5198.6	7938	0.9	209.1	2580.2	4410	2690.1	245	245	SLU 5	1	0.5488	Si

Verifiche a rifollamento §4.2.8.1.1 NTC18

Dir.	Fv,Ed	Fb,Rd	k	α	ftk	t	d	X	Y	Comb.	Coll.	Sfrutt.	Verifica
X	263	34286	2.5	0.952	36	25	20	-170	170	SLU 5	5	0.0077	Si
Y	170	34286	2.5	0.952	36	25	20	170	170	SLU 3	1	0.0049	Si

Verifica a block tearing § 3.10.2 EN 1993-1-8:2005 + AC:2009

FvEdX	Veff,RdX	Ant,X	Anv,X	FvEdY	Veff,RdY	Ant,Y	Anv,Y	Indici bulloni	Tipo di verifica	fu	fy	Elemento	Comb.	Coll.	Sfrutt.	Verifica
-1455	128247	0	9925	825	142920	9925	0	1;2;3;4;5;6;7;8	CE	36	23.5	1	SLU 5	1	0.0171	Si

Verifica a punzonamento §4.2.8.1.1 NTC18

Ft,Ed	Bp,Rd	dm	tp	ftk	Comb.	Coll.	Sfrutt.	Verifica
5208	40715	30	25	36	SLU 5	6	0.1279	Si

Verifica pressione sulla piastra di ancoraggio del tirafondo § 6.2.6.12 (6) EN 1993-1-8:2005 + AC:2009

NEd	A netta	σEd	fcd	Comb.	Coll.	Sfrutt.	Verifica
52081.3	9686	0.5377	1.6462	SLU 5	6	0.3266	Si

Verifiche di resistenza

Piatto della rosetta

Verifica a taglio in direzione X/M §4.2.4.1.2.4 NTC18

VEd	Vc,Rd	Av	Comb.	Coll.	Sfrutt.	Verifica
2689	30624	2370	SLU 5	6	0.0878	Si

Verifica a presso/tenso flessione retta Y §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

CI	Sforzo normale			Momento My				px	py	Comb.	Coll.	Sfrutt.	Verifica
	NEd	NRd	Rid. NRd da VEd	My,Ed	My,Rd	Rid. My,Rd da VEd	Rid. My,Rd da NEd						

CI	Sforzo normale			Momento My				px	py	Comb.	Coll.	Sfrutt.	Verifica
	NEd	NRd	Rid. NRd da VEd	My,Ed	My,Rd	Rid. My,Rd da VEd	Rid. My,Rd da NEd						
1				67213	397821	1	1	0	0	SLU 5	6	0.169	Si

Irrigidimento superiore

Verifica a taglio in direzione Y/N §4.2.4.1.2.4 NTC18

VEd	Vc,Rd	Av	Comb.	Coll.	Sfrutt.	Verifica
9131	23259	1800	SLU 9	6	0.3926	Si

Verifica a presso/tenso flessione retta X §§ 4.2.4.1.2.3 - 4.2.4.1.2.6 - 4.2.4.1.2.7 - 4.2.4.1.2.8 NTC18

CI	Sforzo normale			Momento Mx				px	py	Comb.	Coll.	Sfrutt.	Verifica
	NEd	NRd	Rid. NRd da VEd	Mx,Ed	Mx,Rd	Rid. Mx,Rd da VEd	Rid. Mx,Rd da NEd						
4				-516789	1555026	1	1	0	0	SLU 7	6	0.3323	Si

Verifica delle saldature

Caratteristiche delle saldature

Tipo di saldatura: Cordone d'angolo

Lato cordone saldature anima: 5; Lato cordone saldature ali: 5; Lato cordone irrigidimento superiore: 5

Verifica delle saldature (criterio semplificato) §4.2.8.2.4 NTC18

Asta portata

Fw,Ed	Fw,Rd	ftk	β	X	Y	Saldatura lunga	βLf	Comb.	Coll.	Sfrutt.	Verifica
24.439	73.485	36	0.8	230	-100	No	1	SLU 9	6	0.3326	Si

Irrigidimenti superiori

Fw,Ed	Fw,Rd	ftk	β	X	Y	Saldatura lunga	βLf	Comb.	Coll.	Sfrutt.	Verifica
33.786	73.485	36	0.8	-23.3	220.7	No	1	SLU 7	6	0.4598	Si

Verifica resistenza elastica a momento della piastra

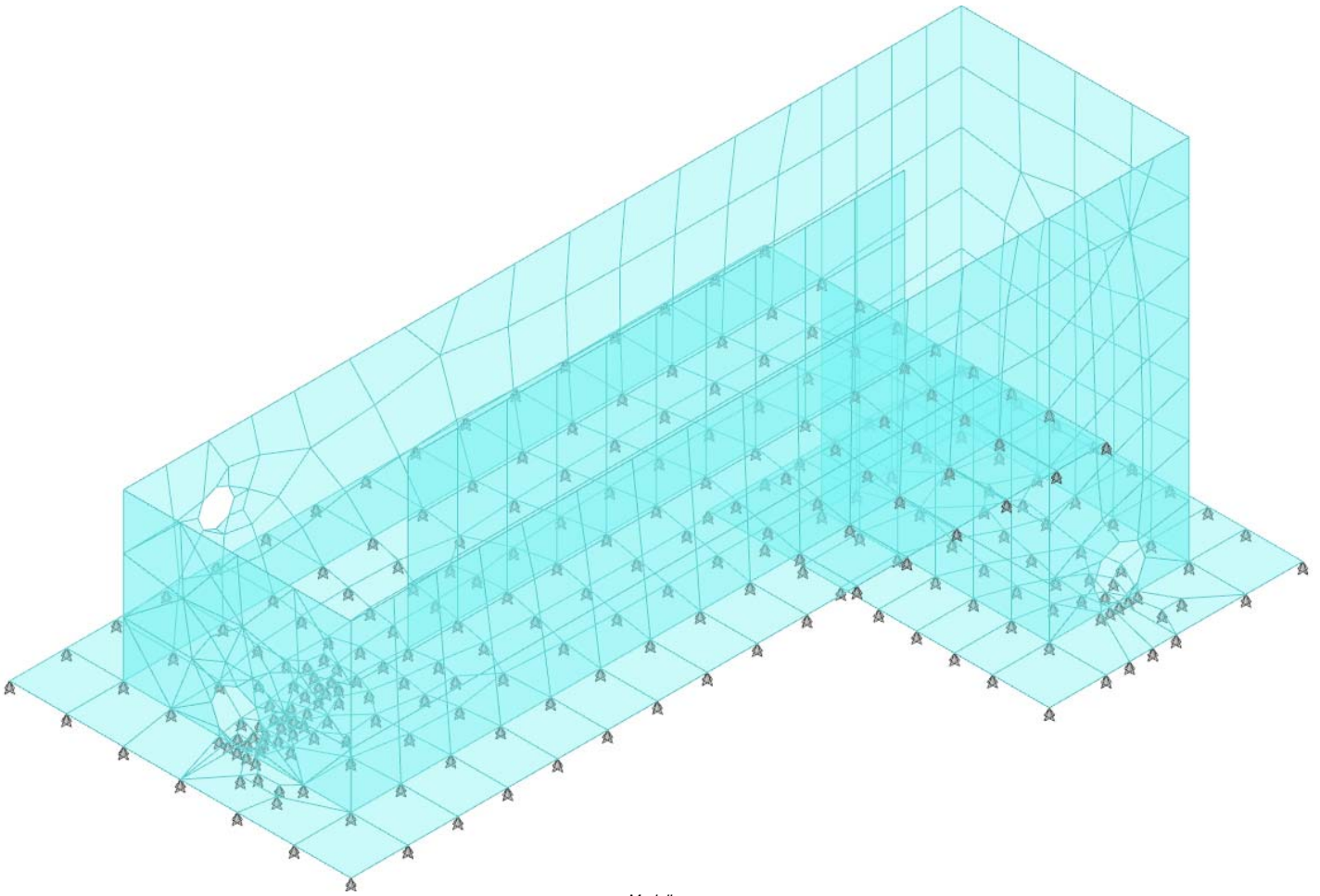
mEd	Spessore	W elastico	f _{yd}	mRd	Comb.	Coll.	Sfrutt.	Verifica
1466	25	104	22.381	2331	SLU 5	6	0.6286	Si

Verifica pressione della piastra sul calcestruzzo § 6.2.5 (7) EN 1993-1-8:2005 + AC:2009

oc,Ed	c	f _{jd}	Comb.	Coll.	Sfrutt.	Verifica
-0.9686	37.6	1.9034	SLU 9	1	0.5088	Si

MODELLO FEM

1 Rappresentazione del modello



*Modello
Vista assometrica del modello ad elementi finiti.*

2 Dati di modellazione

2.1 Nodi

2.1.1 Nodi di definizione

Indice: numero dell'elemento nell'insieme che lo contiene.

Posizione: coordinate del nodo.

X: coordinata X. [m]

Y: coordinata Y. [m]

Z: coordinata Z. [m]

Indice	Posizione			Indice	Posizione			Indice	Posizione			Indice	Posizione		
	X	Y	Z		X	Y	Z		X	Y	Z		X	Y	Z
2	6.35	-0.4	-2.5	3	6.9	-0.4	-2.5	4	7.125	-0.4	-2.5	5	7.35	-0.4	-2.5
6	7.575	-0.4	-2.5	7	8.25	-0.4	-2.5	8	8.8	-0.4	-2.5	9	7.714	-0.125	-2.5
10	7.905	-0.125	-2.5	11	6.35	0.15	-2.5	12	6.9	0.15	-2.5	13	7.398	0.15	-2.5
14	7.487	0.15	-2.5	15	7.575	0.15	-2.5	16	7.663	0.15	-2.5	17	7.752	0.15	-2.5
18	8.25	0.15	-2.5	19	8.8	0.15	-2.5	20	7.59	0.301	-2.5	21	7.746	0.375	-2.5
22	7.448	0.387	-2.5	23	7.241	0.455	-2.5	24	7.902	0.458	-2.5	25	6.35	0.517	-2.5
26	6.9	0.517	-2.5	27	8.25	0.517	-2.5	28	8.8	0.517	-2.5	29	7.668	0.529	-2.5
30	7.472	0.657	-2.5	31	7.213	0.778	-2.5	32	7.86	0.803	-2.5	33	6.35	0.883	-2.5
34	6.9	0.883	-2.5	35	8.25	0.883	-2.5	36	8.8	0.883	-2.5	37	7.548	0.971	-2.5
38	7.237	1.119	-2.5	39	7.924	1.205	-2.5	40	6.35	1.25	-2.5	41	6.9	1.25	-2.5
42	7.575	1.25	-2.5	43	8.25	1.25	-2.5	44	8.8	1.25	-2.5	45	7.622	1.309	-2.5
46	7.966	1.473	-2.5	47	7.288	1.48	-2.5	48	7.726	1.606	-2.5	49	6.35	1.617	-2.5
50	6.9	1.617	-2.5	51	8.25	1.617	-2.5	52	8.8	1.617	-2.5	53	7.929	1.762	-2.5
54	7.392	1.896	-2.5	55	6.35	1.983	-2.5	56	6.9	1.983	-2.5	57	8.25	1.983	-2.5
58	8.8	1.983	-2.5	59	7.811	2.067	-2.5	60	6.35	2.35	-2.5	61	6.9	2.35	-2.5
62	7.238	2.35	-2.5	63	7.575	2.35	-2.5	64	7.913	2.35	-2.5	65	8.25	2.35	-2.5
66	8.8	2.35	-2.5	67	6.35	2.9	-2.5	68	6.9	2.9	-2.5	69	7.238	2.9	-2.5
70	7.575	2.9	-2.5	71	7.913	2.9	-2.5	72	8.25	2.9	-2.5	73	8.8	2.9	-2.5
74	7.398	0.15	-2.427	75	7.752	0.15	-2.427	76	7.325	0.15	-2.25	77	7.825	0.15	-2.25
78	7.398	0.15	-2.073	79	7.752	0.15	-2.073	80	8.25	1.619	-2.031	81	8.25	1.245	-2.023
82	8.25	1.989	-2.019	83	8.25	0.877	-2.013	84	6.9	0.15	-2.013	85	6.9	0.517	-2.013
86	6.9	0.883	-2.013	87	6.9	1.25	-2.013	88	6.9	1.617	-2.013	89	6.9	1.983	-2.013
90	6.9	2.35	-2.013	91	7.238	2.35	-2.007	92	8.25	0.514	-2.003	93	7.575	2.35	-2.002
94	7.575	0.15	-2	95	7.913	2.35	-1.997	96	8.25	0.15	-1.993	97	8.25	2.35	-1.993
98	7.41	0.15	-1.731	99	7.803	0.15	-1.606	100	8.25	1.618	-1.542	101	8.25	1.242	-1.541
102	8.25	0.874	-1.526	103	6.9	0.15	-1.525	104	6.9	0.517	-1.525	105	6.9	0.883	-1.525
106	6.9	1.25	-1.525	107	6.9	1.617	-1.525	108	6.9	1.983	-1.525	109	6.9	2.35	-1.525
110	8.25	1.982	-1.518	111	7.238	2.35	-1.514	112	8.25	0.512	-1.506	113	7.575	2.35	-1.504
114	7.913	2.35	-1.494	115	8.25	0.15	-1.486	116	8.25	2.35	-1.486	117	7.364	0.15	-1.304
118	7.801	0.15	-1.131	119	8.25	1.248	-1.073	120	8.25	1.623	-1.062	121	8.25	0.875	-1.038
122	6.9	0.15	-1.038	123	6.9	0.517	-1.038	124	6.9	0.883	-1.038	125	6.9	1.25	-1.038
126	6.9	1.617	-1.038	127	6.9	1.983	-1.038	128	6.9	2.35	-1.038	129	8.25	1.973	-1.027
130	7.238	2.35	-1.018	131	8.25	0.529	-1.013	132	7.575	2.35	-1.003	133	7.913	2.35	-0.99
134	8.25	0.15	-0.979	135	8.25	2.35	-0.979	136	7.346	0.15	-0.823	137	8.25	1.254	-0.65
138	8.25	1.597	-0.633	139	7.79	0.15	-0.63	140	8.25	0.911	-0.612	141	-0.4	-0.4	-0.55
142	0.15	-0.4	-0.55	143	0.632	-0.4	-0.55	144	1.115	-0.4	-0.55	145	1.597	-0.4	-0.55
146	2.079	-0.4	-0.55	147	2.561	-0.4	-0.55	148	3.044	-0.4	-0.55	149	3.526	-0.4	-0.55
150	4.008	-0.4	-0.55	151	4.49	-0.4	-0.55	152	4.973	-0.4	-0.55	153	5.455	-0.4	-0.55
154	5.937	-0.4	-0.55	155	6.419	-0.4	-0.55	156	6.902	-0.4	-0.55	157	-0.4	0.15	-0.55
158	0.15	0.15	-0.55	159	0.632	0.15	-0.55	160	1.114	0.15	-0.55	161	1.596	0.15	-0.55
162	2.079	0.15	-0.55	163	2.561	0.15	-0.55	164	3.043	0.15	-0.55	165	3.525	0.15	-0.55
166	4.007	0.15	-0.55	167	4.489	0.15	-0.55	168	4.971	0.15	-0.55	169	5.454	0.15	-0.55
170	5.936	0.15	-0.55	171	6.418	0.15	-0.55	172	6.9	0.15	-0.55	173	1.56	0.511	-0.55
174	6.9	0.517	-0.55	175	6.455	0.522	-0.55	176	5.517	0.526	-0.55	177	5.993	0.526	-0.55
178	4.557	0.528	-0.55	179	5.039	0.528	-0.55	180	3.591	0.529	-0.55	181	1.094	0.529	-0.55
182	3.104	0.533	-0.55	183	4.077	0.534	-0.55	184	2.603	0.547	-0.55	185	2.053	0.581	-0.55
186	0.15	0.612	-0.55	187	0.609	0.612	-0.55	188	-0.076	0.642	-0.55	189	-0.4	0.7	-0.55
190	0.033	0.726	-0.55	191	1.496	0.784	-0.55	192	1.796	0.786	-0.55	193	0.782	0.823	-0.55
194	1.092	0.853	-0.55	195	6.9	0.883	-0.55	196	6.506	0.894	-0.55	197	4.139	0.894	-0.55
198	3.657	0.895	-0.55	199	6.054	0.898	-0.55	200	4.622	0.899	-0.55	201	5.103	0.899	-0.55
202	5.583	0.9	-0.55	203	3.174	0.9	-0.55	204	2.689	0.907	-0.55	205	0.026	0.924	-0.55
206	2.217	0.931	-0.55	207	0.409	0.993	-0.55	208	-0.078	0.993	-0.55	209	1.84	0.994	-0.55
210	0.648	1.005	-0.55	211	1.544	1.029	-0.55	212	0.15	1.073	-0.55	213	0.15	1.073	-0.55
214	0.847	1.077	-0.55	215	1.258	1.083	-0.55	216	0.575	1.134	-0.55	217	0.443	1.147	-0.55
218	0.696	1.148	-0.55	219	0.278	1.152	-0.55	220	0.15	1.162	-0.55	221	1.06	1.178	-0.55
222	0.355	1.199	-0.55	223	0.684	1.235	-0.55	224	0.814	1.236	-0.55	225	3.91	1.237	-0.55
226	0.571	1.245	-0.55	227	-0.4	1.25	-0.55	228	0.15	1.25	-0.55	229	1.8	1.25	-0.55
230	2.28	1.25	-0.55	231	2.76	1.25	-0.55	232	3.24	1.25	-0.55	233	3.72	1.25	-0.55
234	4.2	1.25	-0.55	235	4.68	1.25	-0.55	236	5.16	1.25	-0.55	237	5.64	1.25	-0.55
238	6.12	1.25	-0.55	239	6.6	1.25	-0.55	240	6.9	1.25	-0.55	241	0.434	1.261	-0.55
242	0.261	1.265	-0.55	243	1.577	1.266	-0.55	244	1.332	1.274	-0.55	245	0.964	1.278	-0.55
246	1.166	1.284	-0.55	247	0.355	1.298	-0.55	248	0.678	1.314	-0.55	249	1.073	1.318	-0.55
250	0.15	1.338	-0.55	251	0.607	1.352	-0.55	252	0.776	1.358	-0.55	253	0.263	1.358	-0.55
254	0.479	1.361	-0.55	255	1.194	1.384	-0.55	256	0.95	1.396	-0.55	257	1.091	1.403	-0.55
258	0.15	1.427	-0.55	259	0.15	1.427	-0.55	260	1.325	1.463	-0.55	261	0.41	1.471	-0.55
262	0.701	1.487	-0.55	263	1.585	1.497	-0.55	264	1.151	1.507	-0.55	265	2.333	1.515	-0.55
266	1.923	1.516	-0.55	267	2.743	1.526	-0.55	268	0.979	1.534	-0.55	269	3.155	1.583	-0.55
270	1.349	1.612	-0.55	271	3.643	1.616	-0.55	272	6.9	1.617	-0.55	273	6.045	1.626	-0.55
274	6.5	1.627	-0.55	275	4.129	1.629	-0.55	276	1.207	1.629	-0.55	277	5.573	1.63	-0.55
278	4.611	1.632	-0.55	279	5.094	1.634	-0.55	280	0.811	1.705	-0.55	281	1.513	1.733	-0.55
282	1.117	1.74	-0.55	283	2.703	1.746	-0.55	284	2.374	1.771	-0.55	285	1.958	1.774	-0.55
286	-0.4	1.8	-0.55	287	0.15	1.888	-0.55	288	0.616	1.889	-0.55	289	2.993	1.942	-0.55
290	3.558	1.977	-0.55	291	6.9	1.983	-0.55	292	5.986	1.991	-0.55	293	4.062	1.992	-0.55

Indice	Posizione			Indice	Posizione			Indice	Posizione			Indice	Posizione		
	X	Y	Z		X	Y	Z		X	Y	Z		X	Y	Z
294	6.452	1.994	-0.55	295	5.511	1.994	-0.55	296	4.549	1.998	-0.55	297	5.031	1.999	-0.55
298	1.101	2.005	-0.55	299	2.488	2.032	-0.55	300	1.557	2.035	-0.55	301	2.021	2.048	-0.55
302	-0.4	2.35	-0.55	303	0.15	2.35	-0.55	304	0.632	2.35	-0.55	305	1.114	2.35	-0.55
306	1.596	2.35	-0.55	307	2.079	2.35	-0.55	308	2.561	2.35	-0.55	309	3.043	2.35	-0.55
310	3.525	2.35	-0.55	311	4.007	2.35	-0.55	312	4.489	2.35	-0.55	313	4.971	2.35	-0.55
314	5.454	2.35	-0.55	315	5.936	2.35	-0.55	316	6.418	2.35	-0.55	317	6.9	2.35	-0.55
318	-0.4	2.9	-0.55	319	0.15	2.9	-0.55	320	0.632	2.9	-0.55	321	1.115	2.9	-0.55
322	1.597	2.9	-0.55	323	2.079	2.9	-0.55	324	2.561	2.9	-0.55	325	3.044	2.9	-0.55
326	3.526	2.9	-0.55	327	4.008	2.9	-0.55	328	4.49	2.9	-0.55	329	4.973	2.9	-0.55
330	5.455	2.9	-0.55	331	5.937	2.9	-0.55	332	6.419	2.9	-0.55	333	6.902	2.9	-0.55
334	8.25	1.928	-0.544	335	8.25	0.581	-0.535	336	7.238	2.35	-0.516	337	7.575	2.35	-0.497
338	7.913	2.35	-0.484	339	0.15	1.073	-0.477	340	0.15	1.427	-0.477	341	8.25	0.15	-0.471
342	8.25	2.35	-0.471	343	8.25	1.548	-0.319	344	7.328	0.15	-0.317	345	8.25	0.965	-0.31
346	0.15	1	-0.3	347	0.15	1.5	-0.3	348	8.25	1.257	-0.291	349	1.49	2.35	-0.164
350	1.878	2.35	-0.129	351	0.15	1.073	-0.123	352	0.15	1.427	-0.123	353	1.103	2.35	-0.123
354	7.763	0.15	-0.09	355	8.25	1.776	-0.053	356	0.15	1.25	-0.05	357	8.25	0.733	-0.049
358	2.302	2.35	-0.047	359	0.15	0.79	-0.042	360	0.15	1.686	-0.03	361	6.437	2.35	-0.017
362	5.956	2.35	-0.017	363	5.459	2.35	-0.017	364	0.15	0.15	-0.017	365	0.61	0.15	-0.017
366	1.07	0.15	-0.017	367	1.535	0.15	-0.017	368	2.007	0.15	-0.017	369	2.493	0.15	-0.017
370	2.987	0.15	-0.017	371	3.484	0.15	-0.017	372	3.983	0.15	-0.017	373	4.481	0.15	-0.017
374	4.98	0.15	-0.017	375	5.475	0.15	-0.017	376	5.966	0.15	-0.017	377	6.443	0.15	-0.017
378	6.9	0.15	-0.017	379	1.8	1.25	-0.017	380	2.28	1.25	-0.017	381	2.76	1.25	-0.017
382	3.24	1.25	-0.017	383	3.72	1.25	-0.017	384	4.2	1.25	-0.017	385	4.68	1.25	-0.017
386	5.16	1.25	-0.017	387	5.64	1.25	-0.017	388	6.12	1.25	-0.017	389	6.6	1.25	-0.017
390	0.15	2.35	-0.017	391	6.9	2.35	-0.017	392	4.952	2.35	-0.015	393	4.446	2.35	-0.008
394	2.819	2.35	-0.007	395	7.238	2.35	0.001	396	3.919	2.35	0.005	397	7.575	2.35	0.015
398	3.368	2.35	0.023	399	7.913	2.35	0.026	400	0.688	2.35	0.032	401	8.25	0.15	0.036
402	8.25	2.35	0.036	403	8.25	1.257	0.04	404	0.15	1.101	0.1	405	0.15	1.361	0.104
406	1.39	2.35	0.145	407	1.125	2.35	0.19	408	7.298	0.15	0.2	409	0.15	0.936	0.227
410	1.645	2.35	0.242	411	0.15	1.504	0.246	412	1.045	2.35	0.275	413	1.306	2.35	0.308
414	0.921	2.35	0.326	415	1.169	2.35	0.326	416	0.15	0.654	0.369	417	0.15	1.77	0.428
418	0.87	2.35	0.45	419	1.22	2.35	0.45	420	1.361	2.35	0.452	421	0.15	1.198	0.481
422	1.958	2.35	0.496	423	6.479	2.35	0.516	424	5.994	2.35	0.516	425	5.48	2.35	0.516
426	0.15	0.15	0.517	427	0.587	0.15	0.517	428	1.024	0.15	0.517	429	1.467	0.15	0.517
430	1.923	0.15	0.517	431	2.419	0.15	0.517	432	2.928	0.15	0.517	433	3.442	0.15	0.517
434	3.958	0.15	0.517	435	4.474	0.15	0.517	436	4.989	0.15	0.517	437	5.501	0.15	0.517
438	6.006	0.15	0.517	439	6.488	0.15	0.517	440	6.9	0.15	0.517	441	1.8	1.25	0.517
442	2.28	1.25	0.517	443	2.76	1.25	0.517	444	3.24	1.25	0.517	445	3.72	1.25	0.517
446	4.2	1.25	0.517	447	4.68	1.25	0.517	448	5.16	1.25	0.517	449	5.64	1.25	0.517
450	6.12	1.25	0.517	451	6.6	1.25	0.517	452	0.15	2.35	0.517	453	6.9	2.35	0.517
454	4.948	2.35	0.518	455	8.25	1.796	0.52	456	0.638	2.35	0.525	457	8.25	0.712	0.525
458	7.238	2.35	0.525	459	4.425	2.35	0.528	460	7.575	2.35	0.531	461	7.913	2.35	0.537
462	8.25	1.257	0.54	463	8.25	0.15	0.543	464	8.25	2.35	0.543	465	2.578	2.35	0.546
466	7.681	0.15	0.555	467	3.868	2.35	0.556	468	0.921	2.35	0.574	469	1.169	2.35	0.574
470	7.28	0.15	0.58	471	1.045	2.35	0.625	472	3.21	2.35	0.644	473	1.468	2.35	0.684
474	1.164	2.35	0.733	475	0.15	1.505	0.752	476	0.15	0.15	1.05	477	0.562	0.15	1.05
478	0.975	0.15	1.05	479	1.387	0.15	1.05	480	1.8	0.15	1.05	481	2.333	0.15	1.05
482	2.867	0.15	1.05	483	3.4	0.15	1.05	484	3.933	0.15	1.05	485	4.467	0.15	1.05
486	5	0.15	1.05	487	5.533	0.15	1.05	488	6.067	0.15	1.05	489	6.6	0.15	1.05
490	6.9	0.15	1.05	491	7.237	0.15	1.05	492	7.575	0.15	1.05	493	7.912	0.15	1.05
494	8.25	0.15	1.05	495	0.15	0.7	1.05	496	8.25	0.7	1.05	497	0.15	1.25	1.05
498	1.8	1.25	1.05	499	2.28	1.25	1.05	500	2.76	1.25	1.05	501	3.24	1.25	1.05
502	3.72	1.25	1.05	503	4.2	1.25	1.05	504	4.68	1.25	1.05	505	5.16	1.25	1.05
506	5.64	1.25	1.05	507	6.12	1.25	1.05	508	6.6	1.25	1.05	509	8.25	1.25	1.05
510	0.15	1.8	1.05	511	8.25	1.8	1.05	512	0.15	2.35	1.05	513	0.562	2.35	1.05
514	0.975	2.35	1.05	515	1.388	2.35	1.05	516	1.8	2.35	1.05	517	2.333	2.35	1.05
518	2.867	2.35	1.05	519	3.4	2.35	1.05	520	3.933	2.35	1.05	521	4.467	2.35	1.05
522	5	2.35	1.05	523	5.533	2.35	1.05	524	6.067	2.35	1.05	525	6.6	2.35	1.05
526	6.9	2.35	1.05	527	7.238	2.35	1.05	528	7.575	2.35	1.05	529	7.913	2.35	1.05
530	8.25	2.35	1.05												

2.2 Gusci

2.2.1 Caratteristiche meccaniche gusci

Indice: numero dell'elemento nell'insieme che lo contiene.

Comportamento: comportamento del materiale.

E1: modulo di elasticità longitudinale, lungo l'asse 1 del sistema di riferimento locale. [kN/m²]

v: modulo di Poisson. Il valore è adimensionale.

E2: modulo di elasticità longitudinale, lungo l'asse 2 del sistema di riferimento locale. [kN/m²]

G: modulo di elasticità tangenziale. [kN/m²]

α: coefficiente di dilatazione termica longitudinale. [°C⁻¹]

Peso unitario: peso per unità di volume, riferito allo spessore membranale. [kN/m³]

Indice	Comportamento	E1	v	E2	G	α	Peso unitario
1	Isotropo	32588108	0.1	0	0	0.00001	25

2.2.2 Definizioni gusci

In.: numero dell'elemento nell'insieme che lo contiene.

Nodo I: primo nodo di definizione dell'elemento.

Nodo J: secondo nodo di definizione dell'elemento.

Nodo L: terzo nodo di definizione dell'elemento; nel caso di elementi triangolari non è definito.

Nodo K: ultimo nodo di definizione dell'elemento.

Sp.mem.: spessore membranale dell'elemento. [m]

Sp.fless.: spessore flessionale dell'elemento. [m]

Tm: variazione termica nel piano medio dell'elemento. [°C]

Mat.: caratteristiche meccaniche dell'elemento.

Ind.: numero dell'elemento nell'insieme che lo contiene.

In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.	In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.
								Ind.									Ind.
1	158	364	365	159	0.3	0.3	0	1	2	159	365	366	160	0.3	0.3	0	1
3	160	366	367	161	0.3	0.3	0	1	4	161	367	368	162	0.3	0.3	0	1
5	162	368	369	163	0.3	0.3	0	1	6	163	369	370	164	0.3	0.3	0	1
7	164	370	371	165	0.3	0.3	0	1	8	165	371	372	166	0.3	0.3	0	1
9	166	372	373	167	0.3	0.3	0	1	10	167	373	374	168	0.3	0.3	0	1
11	168	374	375	169	0.3	0.3	0	1	12	169	375	376	170	0.3	0.3	0	1
13	170	376	377	171	0.3	0.3	0	1	14	171	377	378	172	0.3	0.3	0	1
15	364	426	427	365	0.3	0.3	0	1	16	365	427	428	366	0.3	0.3	0	1
17	366	428	429	367	0.3	0.3	0	1	18	367	429	430	368	0.3	0.3	0	1
19	368	430	431	369	0.3	0.3	0	1	20	369	431	432	370	0.3	0.3	0	1
21	370	432	433	371	0.3	0.3	0	1	22	371	433	434	372	0.3	0.3	0	1
23	372	434	435	373	0.3	0.3	0	1	24	373	435	436	374	0.3	0.3	0	1
25	374	436	437	375	0.3	0.3	0	1	26	375	437	438	376	0.3	0.3	0	1
27	376	438	439	377	0.3	0.3	0	1	28	377	439	440	378	0.3	0.3	0	1
29	426	476	477	427	0.3	0.3	0	1	30	427	477	478	428	0.3	0.3	0	1
31	428	478	479	429	0.3	0.3	0	1	32	429	479	480	430	0.3	0.3	0	1
33	430	480	481	431	0.3	0.3	0	1	34	431	481	482	432	0.3	0.3	0	1
35	432	482	483	433	0.3	0.3	0	1	36	433	483	484	434	0.3	0.3	0	1
37	434	484	485	435	0.3	0.3	0	1	38	435	485	486	436	0.3	0.3	0	1
39	436	486	487	437	0.3	0.3	0	1	40	437	487	488	438	0.3	0.3	0	1
41	438	488	489	439	0.3	0.3	0	1	42	439	489	490	440	0.3	0.3	0	1
43	526	453	458	527	0.3	0.3	0	1	44	527	458	460	528	0.3	0.3	0	1
45	528	460	461	529	0.3	0.3	0	1	46	529	461	464	530	0.3	0.3	0	1
47	453	391	395	458	0.3	0.3	0	1	48	458	395	397	460	0.3	0.3	0	1
49	460	397	399	461	0.3	0.3	0	1	50	461	399	402	464	0.3	0.3	0	1
51	391	317	336	395	0.3	0.3	0	1	52	395	336	337	397	0.3	0.3	0	1
53	397	337	338	399	0.3	0.3	0	1	54	399	338	342	402	0.3	0.3	0	1
55	317	128	130	336	0.3	0.3	0	1	56	336	130	132	337	0.3	0.3	0	1
57	337	132	133	338	0.3	0.3	0	1	58	338	133	135	342	0.3	0.3	0	1
59	128	109	111	130	0.3	0.3	0	1	60	130	111	113	132	0.3	0.3	0	1
61	132	113	114	133	0.3	0.3	0	1	62	133	114	116	135	0.3	0.3	0	1
63	109	90	91	111	0.3	0.3	0	1	64	111	91	93	113	0.3	0.3	0	1
65	113	93	95	114	0.3	0.3	0	1	66	114	95	97	116	0.3	0.3	0	1
67	90	61	62	91	0.3	0.3	0	1	68	91	62	63	93	0.3	0.3	0	1
69	93	63	64	95	0.3	0.3	0	1	70	95	64	65	97	0.3	0.3	0	1
71	390	287		303	0.3	0.3	0	1	72	356	404		351	0.3	0.3	0	1
73	510	452		512	0.3	0.3	0	1	74	417	390		452	0.3	0.3	0	1
75	360	287		390	0.3	0.3	0	1	76	287	340		258	0.3	0.3	0	1
77	364	416		426	0.3	0.3	0	1	78	340	287		347	0.3	0.3	0	1
79	287	360		347	0.3	0.3	0	1	80	452	510		417	0.3	0.3	0	1
81	510	475		417	0.3	0.3	0	1	82	475	510		497	0.3	0.3	0	1
83	421	495		416	0.3	0.3	0	1	84	426	495		476	0.3	0.3	0	1
85	186	364		158	0.3	0.3	0	1	86	405	404		356	0.3	0.3	0	1
87	359	186		346	0.3	0.3	0	1	88	186	359		364	0.3	0.3	0	1
89	186	213		339	0.3	0.3	0	1	90	186	339		346	0.3	0.3	0	1
91	495	426		416	0.3	0.3	0	1	92	359	346		351	0.3	0.3	0	1
93	405	356		352	0.3	0.3	0	1	94	390	417		360	0.3	0.3	0	1
95	404	405		421	0.3	0.3	0	1	96	495	421		497	0.3	0.3	0	1
97	409	359		404	0.3	0.3	0	1	98	416	364		359	0.3	0.3	0	1
99	405	360		411	0.3	0.3	0	1	100	347	360		352	0.3	0.3	0	1
101	497	421		475	0.3	0.3	0	1	102	421	417		475	0.3	0.3	0	1
103	360	405		352	0.3	0.3	0	1	104	411	421		405	0.3	0.3	0	1
105	421	416		409	0.3	0.3	0	1	106	404	359		351	0.3	0.3	0	1
107	359	409		416	0.3	0.3	0	1	108	404	421		409	0.3	0.3	0	1
109	360	417		411	0.3	0.3	0	1	110	421	411		417	0.3	0.3	0	1
111	340	228		250	0.3	0.3	0	1	112	340	250		258	0.3	0.3	0	1
113	228	339		220	0.3	0.3	0	1	114	339	213		220	0.3	0.3	0	1
115	115	134		131	0.3	0.3	0	1	116	134	341		335	0.3	0.3	0	1
117	341	401		357	0.3	0.3	0	1	118	401	463		457	0.3	0.3	0	1

In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.	In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.
								Ind.									Ind.
119	494	496	457	463	0.3	0.3	0	1	120	496	509	462	457	0.3	0.3	0	1
121	509	511	455	462	0.3	0.3	0	1	122	530	464	455	511	0.3	0.3	0	1
123	464	402	355	455	0.3	0.3	0	1	124	402	342	334	355	0.3	0.3	0	1
125	342	135	129	334	0.3	0.3	0	1	126	135	116	110	129	0.3	0.3	0	1
127	116	97	82	110	0.3	0.3	0	1	128	65	57	82	97	0.3	0.3	0	1
129	57	51	80	82	0.3	0.3	0	1	130	51	43	81	80	0.3	0.3	0	1
131	43	35	83	81	0.3	0.3	0	1	132	35	27	92	83	0.3	0.3	0	1
133	18	96	92	27	0.3	0.3	0	1	134	96	115	112	92	0.3	0.3	0	1
135	129	110	100	120	0.3	0.3	0	1	136	110	82	80	100	0.3	0.3	0	1
137	120	100	101	119	0.3	0.3	0	1	138	100	80	81	101	0.3	0.3	0	1
139	119	101	102	121	0.3	0.3	0	1	140	101	81	83	102	0.3	0.3	0	1
141	121	102	112	131	0.3	0.3	0	1	142	102	83	92	112	0.3	0.3	0	1
143	334	129	120	138	0.3	0.3	0	1	144	138	120	119	137	0.3	0.3	0	1
145	137	119	121	140	0.3	0.3	0	1	146	140	121	131	335	0.3	0.3	0	1
147	403	357	457	462	0.3	0.3	0	1	148	462	455	355	403	0.3	0.3	0	1
149	140	335	357	345	0.3	0.3	0	1	150	357	403	348	345	0.3	0.3	0	1
151	348	137	140	345	0.3	0.3	0	1	152	138	137	348	343	0.3	0.3	0	1
153	348	403	355	343	0.3	0.3	0	1	154	355	334	138	343	0.3	0.3	0	1
155	229	230	380	379	0.3	0.3	0	1	156	379	380	442	441	0.3	0.3	0	1
157	441	442	499	498	0.3	0.3	0	1	158	230	231	381	380	0.3	0.3	0	1
159	380	381	443	442	0.3	0.3	0	1	160	442	443	500	499	0.3	0.3	0	1
161	231	232	382	381	0.3	0.3	0	1	162	381	382	444	443	0.3	0.3	0	1
163	443	444	501	500	0.3	0.3	0	1	164	232	233	383	382	0.3	0.3	0	1
165	382	383	445	444	0.3	0.3	0	1	166	444	445	502	501	0.3	0.3	0	1
167	233	234	384	383	0.3	0.3	0	1	168	383	384	446	445	0.3	0.3	0	1
169	445	446	503	502	0.3	0.3	0	1	170	234	235	385	384	0.3	0.3	0	1
171	384	385	447	446	0.3	0.3	0	1	172	446	447	504	503	0.3	0.3	0	1
173	235	236	386	385	0.3	0.3	0	1	174	385	386	448	447	0.3	0.3	0	1
175	447	448	505	504	0.3	0.3	0	1	176	236	237	387	386	0.3	0.3	0	1
177	386	387	449	448	0.3	0.3	0	1	178	448	449	506	505	0.3	0.3	0	1
179	237	238	388	387	0.3	0.3	0	1	180	387	388	450	449	0.3	0.3	0	1
181	449	450	507	506	0.3	0.3	0	1	182	238	239	389	388	0.3	0.3	0	1
183	388	389	451	450	0.3	0.3	0	1	184	450	451	508	507	0.3	0.3	0	1
185	61	90	89	56	0.3	0.3	0	1	186	56	89	88	50	0.3	0.3	0	1
187	50	88	87	41	0.3	0.3	0	1	188	41	87	86	34	0.3	0.3	0	1
189	34	86	85	26	0.3	0.3	0	1	190	26	85	84	12	0.3	0.3	0	1
191	90	109	108	89	0.3	0.3	0	1	192	89	108	107	88	0.3	0.3	0	1
193	88	107	106	87	0.3	0.3	0	1	194	87	106	105	86	0.3	0.3	0	1
195	86	105	104	85	0.3	0.3	0	1	196	85	104	103	84	0.3	0.3	0	1
197	109	128	127	108	0.3	0.3	0	1	198	108	127	126	107	0.3	0.3	0	1
199	107	126	125	106	0.3	0.3	0	1	200	106	125	124	105	0.3	0.3	0	1
201	105	124	123	104	0.3	0.3	0	1	202	104	123	122	103	0.3	0.3	0	1
203	128	317	291	127	0.3	0.3	0	1	204	127	291	272	126	0.3	0.3	0	1
205	126	272	240	125	0.3	0.3	0	1	206	125	240	195	124	0.3	0.3	0	1
207	124	195	174	123	0.3	0.3	0	1	208	123	174	172	122	0.3	0.3	0	1
209	468	456		418	0.3	0.3	0	1	210	474	471		469	0.3	0.3	0	1
211	420	469		419	0.3	0.3	0	1	212	407	415		412	0.3	0.3	0	1
213	472	519		518	0.3	0.3	0	1	214	414	407		412	0.3	0.3	0	1
215	512	452	456	513	0.3	0.3	0	1	216	303	304	400	390	0.3	0.3	0	1
217	317	391	361	316	0.3	0.3	0	1	218	423	453	526	525	0.3	0.3	0	1
219	525	524	424	423	0.3	0.3	0	1	220	468	514	513	456	0.3	0.3	0	1
221	456	452	390	400	0.3	0.3	0	1	222	362	315	316	361	0.3	0.3	0	1
223	453	423	361	391	0.3	0.3	0	1	224	425	424	524	523	0.3	0.3	0	1
225	363	314	315	362	0.3	0.3	0	1	226	468	471	474	514	0.3	0.3	0	1
227	361	423	424	362	0.3	0.3	0	1	228	454	425	523	522	0.3	0.3	0	1
229	514	474	473	515	0.3	0.3	0	1	230	314	363	392	313	0.3	0.3	0	1
231	425	363	362	424	0.3	0.3	0	1	232	515	473	422	516	0.3	0.3	0	1
233	459	454	522	521	0.3	0.3	0	1	234	363	425	454	392	0.3	0.3	0	1
235	393	312	313	392	0.3	0.3	0	1	236	467	459	521	520	0.3	0.3	0	1
237	465	517	516	422	0.3	0.3	0	1	238	312	393	396	311	0.3	0.3	0	1
239	459	393	392	454	0.3	0.3	0	1	240	472	467	520	519	0.3	0.3	0	1
241	517	465	472	518	0.3	0.3	0	1	242	398	310	311	396	0.3	0.3	0	1
243	393	459	467	396	0.3	0.3	0	1	244	310	398	394	309	0.3	0.3	0	1
245	472	398	396	467	0.3	0.3	0	1	246	398	472	465	394	0.3	0.3	0	1
247	309	394	358	308	0.3	0.3	0	1	248	350	307	308	358	0.3	0.3	0	1
249	422	358	394	465	0.3	0.3	0	1	250	349	306	307	350	0.3	0.3	0	1
251	306	349	353	305	0.3	0.3	0	1	252	400	304	305	353	0.3	0.3	0	1
253	418	456	400	414	0.3	0.3	0	1	254	353	407	414	400	0.3	0.3	0	1
255	406	407	353	349	0.3	0.3	0	1	256	410	406	349	350	0.3	0.3	0	1
257	422	410	350	358	0.3	0.3	0	1	258	420	410	422	473	0.3	0.3	0	1
259	413	406	410	420	0.3	0.3	0	1	260	469	420	473	474	0.3	0.3	0	1
261	415	407	406	413	0.3	0.3	0	1	262	415	413	420	419	0.3	0.3	0	1
263	470	466		408	0.3	0.3	0	1	264	466	492		493	0.3	0.3	0	1
265	15	75		16	0.3	0.3	0	1	266	17	16		75	0.3	0.3	0	1
267	74	15		14	0.3	0.3	0	1	268	74	14		13	0.3	0.3	0	1
269	17	75	77	18	0.3	0.3	0	1	270	13	12	76	74	0.3	0.3	0	1
271	490	491	470	440	0.3	0.3	0	1	272	466	493	494	463	0.3	0.3	0	1
273	463	401	354	466	0.3	0.3	0	1	274	18	77	79	96	0.3	0.3	0	1
275	12	84	78	76	0.3	0.3	0	1	276	466	470	491	492	0.3	0.3	0	1
277	139	354	401	341	0.3	0.3	0	1	278	118	139	341	134	0.3	0.3	0	1
279	99	118	134	115	0.3	0.3	0	1	280	79	99	115	96	0.3	0.3	0	1
281	79	94	98	99	0.3	0.3	0	1	282	84	98	94	78	0.3	0.3	0	1
283	117	98	84	103	0.3	0.3	0	1	284	98	117	118	99	0.3	0.3	0	1
285	136	117	103	122	0.3	0.3	0	1	286	344	136	122	172	0.3	0.3	0	1
287	117	136	139	118	0.3	0.3	0	1	288	408	344	172	378	0.3	0.3	0	1
289	136	344	354	139	0.3	0.3	0	1	290	466	354	344	408	0.3	0.3	0	1
291	470	408	378	440	0.3	0.3	0	1	292	259	227		250	0.3	0.3	0	1

Vano di disinfezione

In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.	In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.
								Ind.									Ind.
313	227	189	188	208	0.3	0.3	0	1	314	157	158	188	189	0.3	0.3	0	1
315	158	186	190	188	0.3	0.3	0	1	316	186	212	205	190	0.3	0.3	0	1
317	205	208	188	190	0.3	0.3	0	1	318	157	141	142	158	0.3	0.3	0	1
319	142	143	159	158	0.3	0.3	0	1	320	143	144	160	159	0.3	0.3	0	1
321	144	145	161	160	0.3	0.3	0	1	322	145	146	162	161	0.3	0.3	0	1
323	146	147	163	162	0.3	0.3	0	1	324	147	148	164	163	0.3	0.3	0	1
325	148	149	165	164	0.3	0.3	0	1	326	149	150	166	165	0.3	0.3	0	1
327	150	151	167	166	0.3	0.3	0	1	328	151	152	168	167	0.3	0.3	0	1
329	152	153	169	168	0.3	0.3	0	1	330	153	154	170	169	0.3	0.3	0	1
331	154	155	171	170	0.3	0.3	0	1	332	155	156	172	171	0.3	0.3	0	1
333	259	250	253	261	0.3	0.3	0	1	334	250	228	242	253	0.3	0.3	0	1
335	228	220	219	242	0.3	0.3	0	1	336	220	212	207	219	0.3	0.3	0	1
337	212	186	187	207	0.3	0.3	0	1	338	158	159	187	186	0.3	0.3	0	1
339	159	160	181	187	0.3	0.3	0	1	340	160	161	173	181	0.3	0.3	0	1
341	161	162	185	173	0.3	0.3	0	1	342	162	163	184	185	0.3	0.3	0	1
343	163	164	182	184	0.3	0.3	0	1	344	164	165	180	182	0.3	0.3	0	1
345	165	166	183	180	0.3	0.3	0	1	346	166	167	178	183	0.3	0.3	0	1
347	167	168	179	178	0.3	0.3	0	1	348	168	169	176	179	0.3	0.3	0	1
349	169	170	177	176	0.3	0.3	0	1	350	170	171	175	177	0.3	0.3	0	1
351	172	174	175	171	0.3	0.3	0	1	352	174	195	196	175	0.3	0.3	0	1
353	240	239	196	195	0.3	0.3	0	1	354	239	238	199	196	0.3	0.3	0	1
355	238	237	202	199	0.3	0.3	0	1	356	237	236	201	202	0.3	0.3	0	1
357	236	235	200	201	0.3	0.3	0	1	358	235	234	197	200	0.3	0.3	0	1
359	234	233	198	197	0.3	0.3	0	1	360	233	232	203	198	0.3	0.3	0	1
361	232	231	204	203	0.3	0.3	0	1	362	231	230	206	204	0.3	0.3	0	1
363	230	229	209	206	0.3	0.3	0	1	364	229	230	265	266	0.3	0.3	0	1
365	230	231	267	265	0.3	0.3	0	1	366	231	232	269	267	0.3	0.3	0	1
367	232	233	271	269	0.3	0.3	0	1	368	233	234	275	271	0.3	0.3	0	1
369	234	235	278	275	0.3	0.3	0	1	370	235	236	279	278	0.3	0.3	0	1
371	236	237	277	279	0.3	0.3	0	1	372	237	238	273	277	0.3	0.3	0	1
373	238	239	274	273	0.3	0.3	0	1	374	240	272	274	239	0.3	0.3	0	1
375	272	291	294	274	0.3	0.3	0	1	376	317	316	294	291	0.3	0.3	0	1
377	316	315	292	294	0.3	0.3	0	1	378	315	314	295	292	0.3	0.3	0	1
379	314	313	297	295	0.3	0.3	0	1	380	313	312	296	297	0.3	0.3	0	1
381	312	311	293	296	0.3	0.3	0	1	382	311	310	290	293	0.3	0.3	0	1
383	310	309	289	290	0.3	0.3	0	1	384	309	308	299	289	0.3	0.3	0	1
385	308	307	301	299	0.3	0.3	0	1	386	307	306	300	301	0.3	0.3	0	1
387	306	305	298	300	0.3	0.3	0	1	388	305	304	288	298	0.3	0.3	0	1
389	303	287	288	304	0.3	0.3	0	1	390	287	259	261	288	0.3	0.3	0	1
391	275	278	296	293	0.3	0.3	0	1	392	278	279	297	296	0.3	0.3	0	1
393	279	277	295	297	0.3	0.3	0	1	394	277	273	292	295	0.3	0.3	0	1
395	273	274	294	292	0.3	0.3	0	1	396	180	183	197	198	0.3	0.3	0	1
397	183	178	200	197	0.3	0.3	0	1	398	178	179	201	200	0.3	0.3	0	1
399	179	176	202	201	0.3	0.3	0	1	400	176	177	199	202	0.3	0.3	0	1
401	177	175	196	199	0.3	0.3	0	1	402	182	180	198	203	0.3	0.3	0	1
403	184	182	203	204	0.3	0.3	0	1	404	209	229	243	211	0.3	0.3	0	1
405	191	173	185	192	0.3	0.3	0	1	406	185	206	209	192	0.3	0.3	0	1
407	209	211	191	192	0.3	0.3	0	1	408	185	184	204	206	0.3	0.3	0	1
409	194	181	173	191	0.3	0.3	0	1	410	221	246	249	245	0.3	0.3	0	1
411	221	245	224	214	0.3	0.3	0	1	412	215	221	214	194	0.3	0.3	0	1
413	194	191	211	215	0.3	0.3	0	1	414	244	246	221	215	0.3	0.3	0	1
415	215	211	243	244	0.3	0.3	0	1	416	217	241	247	222	0.3	0.3	0	1
417	247	242	219	222	0.3	0.3	0	1	418	219	207	217	222	0.3	0.3	0	1
419	194	214	210	193	0.3	0.3	0	1	420	210	207	187	193	0.3	0.3	0	1
421	187	181	194	193	0.3	0.3	0	1	422	216	226	241	217	0.3	0.3	0	1
423	217	207	210	216	0.3	0.3	0	1	424	223	226	216	218	0.3	0.3	0	1
425	216	210	214	218	0.3	0.3	0	1	426	214	224	223	218	0.3	0.3	0	1
427	282	298	288	280	0.3	0.3	0	1	428	288	261	262	280	0.3	0.3	0	1
429	262	268	282	280	0.3	0.3	0	1	430	262	252	256	268	0.3	0.3	0	1
431	224	245	256	252	0.3	0.3	0	1	432	223	224	252	248	0.3	0.3	0	1
433	252	262	251	248	0.3	0.3	0	1	434	251	226	223	248	0.3	0.3	0	1
435	251	262	261	254	0.3	0.3	0	1	436	261	247	241	254	0.3	0.3	0	1
437	241	226	251	254	0.3	0.3	0	1	438	261	253	242	247	0.3	0.3	0	1
439	243	229	266	263	0.3	0.3	0	1	440	263	260	244	243	0.3	0.3	0	1
441	256	245	249	257	0.3	0.3	0	1	442	257	264	268	256	0.3	0.3	0	1
443	246	244	260	255	0.3	0.3	0	1	444	260	264	257	255	0.3	0.3	0	1
445	257	249	246	255	0.3	0.3	0	1	446	271	275	293	290	0.3	0.3	0	1
447	269	271	290	289	0.3	0.3	0	1	448	267	269	289	283	0.3	0.3	0	1
449	289	299	284	283	0.3	0.3	0	1	450	284	265	267	283	0.3	0.3	0	1
451	263	266	285	281	0.3	0.3	0	1	452	266	265	284	285	0.3	0.3	0	1
453	281	285	301	300	0.3	0.3	0	1	454	285	284	299	301	0.3	0.3	0	1
455	281	300	298	282	0.3	0.3	0	1	456	264	260	270	276	0.3	0.3	0	1
457	281	282	276	270	0.3	0.3	0	1	458	260	263	281	270	0.3	0.3	0	1
459	282	268	264	276	0.3	0.3	0	1	460	16	20	15	0.3	0.3	0	1	
461	64	63	59	63	0.3	0.3	0	1	462	72	71	64	65	0.3	0.3	0	1
463	71	70	63	64	0.3	0.3	0	1	464	70	69	62	63	0.3	0.3	0	1
465	69	68	61	62	0.3	0.3	0	1	466	68	67	60	61	0.3	0.3	0	1
467	60	55	56	61	0.3	0.3	0	1	468	55	49	50	56	0.3	0.3	0	1
469	49	40	41	50	0.3	0.3	0	1	470	40	33	34	41	0.3	0.3	0	1
471	33	25	26	34	0.3	0.3	0	1	472	25	11	12	26	0.3	0.3	0	1
473	11	2	3	12	0.3	0.3	0	1	474	3	4	13	12	0.3	0.3	0	1
475	4	5	14	13	0.3	0.3	0	1	476	5	6	15	14	0.3	0.3	0	1
477	17	16	9	10	0.3	0.3	0	1	478	6	7	10	9	0.3	0.3	0	1
479	16	15	6	9	0.3	0.3	0	1	480	7	18	17	10	0.3	0.3	0	1
481	7	8	19	18	0.3	0.3	0	1	482	19	28	27	18	0.3	0.3	0	1
483	28	36	35	27	0.3	0.3	0	1	484	36	44	43	35	0.3	0.3	0	1
485	44	52	51	43	0.3	0.3	0	1	486	52	58						

In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.	In.	Nodo I	Nodo J	Nodo L	Nodo K	Sp.mem.	Sp.fless.	Tm	Mat.
								Ind.									Ind.
507	27	24	17	18	0.3	0.3	0	1	508	32	39	45	37	0.3	0.3	0	1
509	37	30	29	32	0.3	0.3	0	1	510	21	24	32	29	0.3	0.3	0	1
511	24	21	16	17	0.3	0.3	0	1	512	23	22	30	31	0.3	0.3	0	1
513	14	22	23	13	0.3	0.3	0	1	514	30	22	20	29	0.3	0.3	0	1
515	22	14	15	20	0.3	0.3	0	1	516	16	21	29	20	0.3	0.3	0	1

RISULTATI DI CALCOLO

1 Risultati numerici

1.1 Risposta modale

Modo: identificativo del modo di vibrare.

Periodo: periodo. [s]

Massa X: massa partecipante in direzione globale X. Il valore è adimensionale.

Massa Y: massa partecipante in direzione globale Y. Il valore è adimensionale.

Massa Z: massa partecipante in direzione globale Z. Il valore è adimensionale.

Massa rot. X: massa rotazionale partecipante attorno la direzione globale X. Il valore è adimensionale.

Massa rot. Y: massa rotazionale partecipante attorno la direzione globale Y. Il valore è adimensionale.

Massa rot. Z: massa rotazionale partecipante attorno la direzione globale Z. Il valore è adimensionale.

Massa sX: massa partecipante in direzione Sisma X. Il valore è adimensionale.

Massa sY: massa partecipante in direzione Sisma Y. Il valore è adimensionale.

Totale masse partecipanti:

Traslazione X: 0.998732

Traslazione Y: 0.941548

Traslazione Z: 0

Rotazione X: 0.209667

Rotazione Y: 0.507784

Rotazione Z: 0.910673

Modo	Periodo	Massa X	Massa Y	Massa Z	Massa rot. X	Massa rot. Y	Massa rot. Z	Massa sX	Massa sY
1	0.083096337	0.00000135	0.918977289	0	0.173249925	0.000004147	0.810304366	0.00000135	0.918977289
2	0.063435811	0.997414984	0.000003022	0	0.000001484	0.108484724	0.051977715	0.997414984	0.000003022
3	0.014072314	0.001315289	0.022567784	0	0.03641558	0.39929528	0.048390713	0.001315289	0.022567784

1.2 Spostamenti nodali SLU

Nodo: nodo interessato dallo spostamento.

Ind.: indice del nodo.

Cont.: condizione o combinazione di carico a cui si riferisce lo spostamento.

N.br.: nome breve della condizione o combinazione di carico.

Spostamento: spostamento traslazionale del nodo.

ux: componente X dello spostamento del nodo. [m]

uy: componente Y dello spostamento del nodo. [m]

uz: componente Z dello spostamento del nodo. [m]

Rotazione: spostamento rotazionale del nodo.

rx: componente X della rotazione del nodo. [deg]

ry: componente Y della rotazione del nodo. [deg]

rz: componente Z della rotazione del nodo. [deg]

Spostamenti nodali con componente Ux minima

Vengono mostrati i soli 20 nodi più sollecitati.

Nodo Ind.	Cont. N.br.	Spostamento			Rotazione		
		ux	uy	uz	rx	ry	rz
508	SLU 7	-0.0003136	-0.0000083	-0.0020009	-0.0003	-0.0031	-0.0002
507	SLU 7	-0.0003136	-0.0000067	-0.0020276	-0.0003	-0.0032	-0.0002
487	SLU 7	-0.0003135	0.0000209	-0.0020453	-0.0012	-0.0031	-0.0007
506	SLU 7	-0.0003132	-0.0000052	-0.0020546	-0.0003	-0.0032	-0.0002
488	SLU 7	-0.0003131	0.0000143	-0.0020165	-0.001	-0.003	-0.0008
486	SLU 7	-0.0003129	0.0000265	-0.0020742	-0.0013	-0.0031	-0.0005
505	SLU 7	-0.0003123	-0.0000037	-0.0020815	-0.0003	-0.0032	-0.0002
489	SLU 7	-0.0003118	0.0000071	-0.0019886	-0.0009	-0.0029	-0.0008
485	SLU 7	-0.0003117	0.0000309	-0.0021024	-0.0013	-0.003	-0.0004
504	SLU 7	-0.0003109	-0.0000023	-0.0021079	-0.0003	-0.0031	-0.0002
490	SLU 7	-0.0003106	0.0000003	-0.0019737	-0.0008	-0.0027	-0.0008
484	SLU 7	-0.0003101	0.0000337	-0.0021299	-0.0014	-0.0029	-0.0002
491	SLU 7	-0.0003094	-0.0000014	-0.0019578	-0.0007	-0.0027	-0.0007
503	SLU 7	-0.0003093	-0.0000009	-0.0021333	-0.0003	-0.003	-0.0002
483	SLU 7	-0.0003084	0.0000349	-0.0021565	-0.0013	-0.0028	0
492	SLU 7	-0.0003082	-0.0000053	-0.0019427	-0.0007	-0.0025	-0.0006
502	SLU 7	-0.0003078	0.0000004	-0.002158	-0.0003	-0.0029	-0.0002
493	SLU 7	-0.0003076	-0.0000086	-0.0019283	-0.0006	-0.0025	-0.0005
494	SLU 7	-0.0003073	-0.0000011	-0.0019139	-0.0005	-0.0024	-0.0004
482	SLU 7	-0.0003067	0.0000343	-0.0021823	-0.0012	-0.0027	0.0002

Spostamenti nodali con componente Ux massima

Vengono mostrati i soli 20 nodi più sollecitati.

Nodo Ind.	Cont. N.br.	Spostamento			Rotazione		
		ux	uy	uz	rx	ry	rz
533	SLU 1	0	0	0	0	0	0
532	SLU 1	0	0	0	0	0	0
1	SLU 1	0	0	0	0	0	0
531	SLU 1	0	0	0	0	0	0
73	SLU 3	-0.0000372	-0.0000292	-0.0018559	0.0013	-0.0043	-0.0002
72	SLU 3	-0.0000375	-0.0000276	-0.0018947	0.0017	-0.0037	-0.0001
71	SLU 3	-0.0000376	-0.0000267	-0.0019142	0.0015	-0.003	-0.0002
70	SLU 3	-0.0000377	-0.0000258	-0.0019302	0.0014	-0.0025	-0.0002
69	SLU 3	-0.0000377	-0.0000249	-0.0019434	0.0016	-0.002	-0.0002
68	SLU 3	-0.0000378	-0.0000238	-0.001953	0.0018	-0.0012	-0.0002
67	SLU 3	-0.000038	-0.0000221	-0.0019617	0.0014	-0.0007	-0.0002
65	SLU 3	-0.0000388	-0.0000275	-0.0019068	0.0004	-0.0034	-0.0002
64	SLU 3	-0.0000389	-0.0000266	-0.0019245	0.0002	-0.0027	-0.0001
66	SLU 3	-0.0000391	-0.0000294	-0.001866	0.0007	-0.0047	-0.0002
63	SLU 3	-0.0000392	-0.0000259	-0.0019398	0.0002	-0.0026	-0.0002
62	SLU 3	-0.0000395	-0.0000248	-0.0019543	0.0002	-0.0024	-0.0002
60	SLU 3	-0.0000396	-0.0000223	-0.0019735	0.0009	-0.0003	-0.0001
61	SLU 3	-0.0000397	-0.0000236	-0.0019663	0.0005	-0.0017	-0.0002
59	SLU 3	-0.00004	-0.0000263	-0.0019284	-0.0004	-0.0026	-0.0002
57	SLU 3	-0.0000404	-0.0000276	-0.0019066	-0.0003	-0.0032	-0.0003

Spostamenti nodali con componente Uy minima

Vengono mostrati i soli 20 nodi più sollecitati.

Nodo Ind.	Cont. N.br.	Spostamento			Rotazione		
		ux	uy	uz	rx	ry	rz
66	SLU 7	-0.0001615	-0.0000425	-0.0018875	0.0006	-0.0044	-0.0003
58	SLU 7	-0.0001636	-0.0000425	-0.0018889	-0.0001	-0.0042	-0.0003
73	SLU 7	-0.0001586	-0.0000423	-0.0018778	0.0012	-0.0039	-0.0003
52	SLU 7	-0.0001657	-0.0000421	-0.0018869	-0.0004	-0.004	-0.0003
44	SLU 7	-0.0001675	-0.0000416	-0.0018841	-0.0004	-0.0039	-0.0002
36	SLU 7	-0.0001687	-0.000041	-0.0018816	-0.0004	-0.0039	-0.0002
8	SLU 7	-0.0001715	-0.0000407	-0.0018535	-0.0022	-0.0038	-0.0001
28	SLU 7	-0.0001694	-0.0000406	-0.0018784	-0.0007	-0.0041	-0.0002
19	SLU 7	-0.0001702	-0.0000405	-0.0018716	-0.0015	-0.0043	-0.0002
72	SLU 7	-0.0001589	-0.0000397	-0.0019129	0.0017	-0.0033	-0.0002
57	SLU 7	-0.0001636	-0.0000397	-0.0019246	-0.0004	-0.0029	-0.0004
65	SLU 7	-0.0001612	-0.0000396	-0.001925	0.0004	-0.003	-0.0003
51	SLU 7	-0.000166	-0.0000396	-0.0019215	-0.0005	-0.0029	-0.0003
43	SLU 7	-0.0001678	-0.0000394	-0.0019185	-0.0004	-0.003	-0.0002
18	SLU 7	-0.0001699	-0.0000392	-0.0019082	-0.0012	-0.0028	-0.0001
35	SLU 7	-0.0001689	-0.0000392	-0.001916	-0.0004	-0.0029	-0.0001
27	SLU 7	-0.0001695	-0.0000391	-0.0019133	-0.0005	-0.0028	-0.0001
7	SLU 7	-0.0001718	-0.000039	-0.0018874	-0.0025	-0.0032	-0.0003
71	SLU 7	-0.0001591	-0.0000383	-0.0019299	0.0015	-0.0026	-0.0003
46	SLU 7	-0.0001664	-0.0000382	-0.0019323	-0.0005	-0.0021	-0.0003

Spostamenti nodali con componente Uy massima

Vengono mostrati i soli 20 nodi più sollecitati.

Nodo Ind.	Cont. N.br.	Spostamento			Rotazione		
		ux	uy	uz	rx	ry	rz
483	SLU 7	-0.0003084	0.0000349	-0.0021565	-0.0013	-0.0028	0
482	SLU 7	-0.0003067	0.0000343	-0.0021823	-0.0012	-0.0027	0.0002
484	SLU 7	-0.0003101	0.0000337	-0.0021299	-0.0014	-0.0029	-0.0002
481	SLU 7	-0.000305	0.0000318	-0.0022072	-0.001	-0.0026	0.0004
485	SLU 7	-0.0003117	0.0000309	-0.0021024	-0.0013	-0.003	-0.0004
480	SLU 7	-0.0003037	0.0000272	-0.0022311	-0.0008	-0.0026	0.0006
486	SLU 7	-0.0003129	0.0000265	-0.0020742	-0.0013	-0.0031	-0.0005
432	SLU 7	-0.0002814	0.0000231	-0.0021792	-0.0013	-0.0027	0
479	SLU 7	-0.0003029	0.0000226	-0.0022493	-0.0006	-0.0025	0.0007
433	SLU 7	-0.0002823	0.0000225	-0.0021543	-0.0014	-0.0028	-0.0001
431	SLU 7	-0.0002805	0.0000223	-0.002203	-0.0011	-0.0027	0.0002
434	SLU 7	-0.0002832	0.0000209	-0.0021285	-0.0014	-0.0029	-0.0002
487	SLU 7	-0.0003135	0.0000209	-0.0020453	-0.0012	-0.0031	-0.0007
430	SLU 7	-0.0002798	0.0000203	-0.0022256	-0.0009	-0.0026	0.0003
435	SLU 7	-0.0002841	0.0000183	-0.0021019	-0.0014	-0.003	-0.0003
429	SLU 7	-0.0002792	0.0000175	-0.0022457	-0.0007	-0.0026	0.0004
478	SLU 7	-0.0003024	0.0000173	-0.0022673	-0.0004	-0.0025	0.0007
436	SLU 7	-0.0002848	0.0000147	-0.0020746	-0.0013	-0.003	-0.0004
488	SLU 7	-0.0003131	0.0000143	-0.0020165	-0.001	-0.003	-0.0008
428	SLU 7	-0.0002787	0.000014	-0.0022651	-0.0004	-0.0025	0.0005

Spostamenti nodali con componente Uz minima

Vengono mostrati i soli 20 nodi più sollecitati.

Nodo Ind.	Cont. N.br.	Spostamento			Rotazione		
		ux	uy	uz	rx	ry	rz
286	SLU 3	-0.0001259	0.0000053	-0.0023298	-0.0001	-0.0017	-0.0001
189	SLU 3	-0.0001285	0.0000055	-0.0023294	0	-0.0018	-0.0001
227	SLU 3	-0.0001271	0.0000054	-0.0023292	0	-0.0017	-0.0001
302	SLU 3	-0.0001247	0.0000054	-0.0023283	0.0005	-0.0015	-0.0001
157	SLU 3	-0.00013	0.0000054	-0.0023271	-0.0006	-0.0015	-0.0002
318	SLU 3	-0.0001235	0.0000055	-0.0023222	0.0008	-0.0017	-0.0001
141	SLU 3	-0.0001314	0.0000053	-0.002322	-0.0009	-0.0017	-0.0001
188	SLU 3	-0.0001287	0.0000046	-0.002319	0	-0.0019	-0.0002
208	SLU 3	-0.0001277	0.0000046	-0.0023187	0	-0.002	-0.0001
190	SLU 3	-0.0001285	0.0000043	-0.0023152	0.0001	-0.002	-0.0001
205	SLU 3	-0.0001279	0.0000044	-0.0023151	0.0001	-0.0021	-0.0002
512	SLU 3	-0.0001946	0.0000055	-0.0023141	-0.0001	-0.0025	-0.0003
452	SLU 3	-0.0001713	0.0000049	-0.0023139	-0.0001	-0.0025	-0.0003
510	SLU 3	-0.0001972	0.0000055	-0.0023134	-0.0001	-0.0026	-0.0002
390	SLU 3	-0.0001477	0.0000044	-0.0023133	-0.0001	-0.0026	-0.0002
417	SLU 3	-0.0001693	0.0000049	-0.0023131	-0.0001	-0.0026	-0.0002
475	SLU 3	-0.0001849	0.0000052	-0.0023131	-0.0001	-0.0026	-0.0002
497	SLU 3	-0.0001994	0.0000054	-0.0023129	0	-0.0026	-0.0002
411	SLU 3	-0.0001618	0.0000047	-0.0023128	0	-0.0026	-0.0002
421	SLU 3	-0.0001735	0.000005	-0.0023127	0	-0.0026	-0.0002

Spostamenti nodali con componente Uz massima

Vengono mostrati i soli 20 nodi più sollecitati.

Nodo Ind.	Cont. N.br.	Spostamento			Rotazione		
		ux	uy	uz	rx	ry	rz
533	SLU 1	0	0	0	0	0	0
532	SLU 1	0	0	0	0	0	0
1	SLU 1	0	0	0	0	0	0
531	SLU 1	0	0	0	0	0	0
8	SLU 1	-0.0000541	-0.0000283	-0.0017734	-0.002	-0.0038	0
19	SLU 1	-0.0000534	-0.0000281	-0.0017899	-0.0014	-0.0042	-0.0001
73	SLU 1	-0.0000462	-0.0000292	-0.0017936	0.0012	-0.0039	-0.0002
28	SLU 1	-0.000053	-0.0000282	-0.0017962	-0.0007	-0.004	-0.0001
36	SLU 1	-0.0000525	-0.0000284	-0.0017992	-0.0003	-0.0039	-0.0001
44	SLU 1	-0.0000518	-0.0000288	-0.0018013	-0.0003	-0.0039	-0.0001
66	SLU 1	-0.0000481	-0.0000293	-0.0018031	0.0007	-0.0043	-0.0002
52	SLU 1	-0.0000507	-0.0000291	-0.0018036	-0.0003	-0.0039	-0.0002
58	SLU 1	-0.0000494	-0.0000293	-0.0018049	0	-0.0041	-0.0002
7	SLU 1	-0.0000544	-0.0000273	-0.0018076	-0.0023	-0.0033	-0.0002
18	SLU 1	-0.0000531	-0.0000274	-0.0018263	-0.0011	-0.0029	-0.0001
72	SLU 1	-0.0000465	-0.0000276	-0.0018289	0.0016	-0.0034	-0.0001
96	SLU 1	-0.0000735	-0.0000227	-0.0018294	-0.0002	-0.0021	0.0001
27	SLU 1	-0.000053	-0.0000273	-0.0018306	-0.0004	-0.0028	0
115	SLU 1	-0.0000921	-0.0000203	-0.0018313	-0.0003	-0.0022	0.0002
92	SLU 1	-0.0000748	-0.0000234	-0.0018316	-0.0004	-0.0023	0.0003

1.3 Spostamenti nodali SLV

Nodo: nodo interessato dallo spostamento.

Ind.: indice del nodo.

Cont.: condizione o combinazione di carico a cui si riferisce lo spostamento.

N.br.: nome breve della condizione o combinazione di carico.

Spostamento: spostamento traslazionale del nodo.

ux: componente X dello spostamento del nodo. [m]

uy: componente Y dello spostamento del nodo. [m]

uz: componente Z dello spostamento del nodo. [m]

Rotazione: spostamento rotazionale del nodo.

rx: componente X della rotazione del nodo. [deg]

ry: componente Y della rotazione del nodo. [deg]

rz: componente Z della rotazione del nodo. [deg]

Spostamenti nodali con componente Ux minima

Vengono mostrati i soli 20 nodi più sollecitati.

Nodo Ind.	Cont. N.br.	Spostamento			Rotazione		
		ux	uy	uz	rx	ry	rz
494	SLV 1	-0.0008971	-0.0006479	-0.0013452	0.0072	-0.0039	-0.0012
493	SLV 1	-0.0008969	-0.0006377	-0.0013686	0.0074	-0.004	-0.0018
492	SLV 1	-0.0008965	-0.0006253	-0.0013921	0.0074	-0.004	-0.0024
491	SLV 1	-0.0008958	-0.0006109	-0.0014156	0.0075	-0.004	-0.0026
490	SLV 1	-0.0008949	-0.000595	-0.001439	0.0075	-0.004	-0.0028
530	SLV 3	-0.0008941	0.0006281	-0.0013469	-0.0079	-0.0041	0.0009
489	SLV 1	-0.000894	-0.0005804	-0.0014596	0.0075	-0.0039	-0.0028
529	SLV 3	-0.0008938	0.0006261	-0.0013711	-0.008	-0.0041	0.0016
528	SLV 3	-0.0008932	0.0006151	-0.0013955	-0.0081	-0.0041	0.0021
527	SLV 3	-0.0008924	0.0006014	-0.0014197	-0.0081	-0.0041	0.0025
488	SLV 1	-0.0008922	-0.0005545	-0.0014956	0.0074	-0.0038	-0.0028
526	SLV 3	-0.0008914	0.0005862	-0.0014437	-0.0081	-0.0041	0.0027
525	SLV 3	-0.0008903	0.0005721	-0.0014649	-0.0081	-0.004	0.0028
487	SLV 1	-0.0008902	-0.0005293	-0.0015308	0.0072	-0.0037	-0.0027
511	SLV 3	-0.0008885	0.0006282	-0.0012718	-0.0078	-0.004	0.0005
486	SLV 1	-0.0008884	-0.0005015	-0.0015651	0.007	-0.0037	-0.0026
524	SLV 3	-0.0008882	0.0005439	-0.0015017	-0.0079	-0.0039	0.0027
496	SLV 1	-0.0008878	-0.0006478	-0.0012763	0.0071	-0.0039	-0.0009
485	SLV 1	-0.0008867	-0.0004777	-0.0015989	0.0068	-0.0036	-0.0026
523	SLV 3	-0.0008861	0.0005202	-0.0015374	-0.0076	-0.0038	0.0026

Spostamenti nodali con componente Ux massima

Vengono mostrati i soli 20 nodi più sollecitati.

Nodo Ind.	Cont. N.br.	Spostamento			Rotazione		
		ux	uy	uz	rx	ry	rz
530	SLV 13	0.0005446	-0.0006442	-0.0014482	0.0074	0.002	-0.0011
529	SLV 13	0.0005439	-0.0006415	-0.0014436	0.0075	0.002	-0.0016
528	SLV 13	0.0005424	-0.000631	-0.0014424	0.0077	0.002	-0.0019
527	SLV 13	0.0005401	-0.000619	-0.0014127	0.0078	0.0017	-0.0022
526	SLV 13	0.0005373	-0.0006061	-0.0014027	0.008	0.0017	-0.0023
511	SLV 13	0.0005355	-0.0006438	-0.0015183	0.0072	0.0021	-0.0009
525	SLV 13	0.0005344	-0.0005944	-0.001395	0.008	0.0013	-0.0023
494	SLV 15	0.0005325	0.0006342	-0.0014247	-0.008	0.0017	0.0008
493	SLV 15	0.0005319	0.0006265	-0.0014144	-0.0082	0.0018	0.0013
492	SLV 15	0.0005307	0.0006175	-0.0014031	-0.0083	0.0017	0.0017
524	SLV 13	0.0005301	-0.0005706	-0.001384	0.008	0.0011	-0.0022
491	SLV 15	0.0005282	0.000607	-0.0013932	-0.0084	0.0015	0.0019
512	SLV 13	0.0005273	-0.0003057	-0.0013002	0.0055	0.001	-0.002
464	SLV 13	0.0005273	-0.000581	-0.0014483	0.0073	0.0019	-0.0014
513	SLV 13	0.0005268	-0.0003166	-0.0013076	0.0056	0.0009	-0.0028
496	SLV 15	0.0005268	0.0006337	-0.0015012	-0.0079	0.0019	0.0006
523	SLV 13	0.0005267	-0.0005508	-0.0013757	0.008	0.0008	-0.0022
461	SLV 13	0.0005266	-0.0005746	-0.0014359	0.0074	0.0021	-0.0019
514	SLV 13	0.0005262	-0.0003382	-0.0013146	0.0059	0.0009	-0.0031
460	SLV 13	0.0005257	-0.0005617	-0.0014235	0.0077	0.0018	-0.0021

Spostamenti nodali con componente Uy minima

Vengono mostrati i soli 20 nodi più sollecitati.

Nodo Ind.	Cont. N.br.	Spostamento			Rotazione		
		ux	uy	uz	rx	ry	rz
530	SLV 5	-0.0002825	-0.0021381	-0.0008835	0.0246	-0.0027	-0.0058
511	SLV 5	-0.0003346	-0.002137	-0.0011185	0.0244	-0.0024	-0.0051
494	SLV 5	-0.0004767	-0.0021369	-0.0018223	0.0246	-0.0007	-0.0057
509	SLV 5	-0.0003975	-0.0021363	-0.0013133	0.0244	-0.0024	-0.0047
496	SLV 5	-0.0004264	-0.0021362	-0.0015877	0.0244	-0.001	-0.0049
529	SLV 9	0.0001305	-0.0021039	-0.0010006	0.0252	-0.0008	-0.0062
493	SLV 5	-0.0004765	-0.0021006	-0.0018266	0.025	-0.0007	-0.0065
528	SLV 9	0.0001292	-0.0020657	-0.0010005	0.0256	-0.0008	-0.0068
492	SLV 5	-0.0004764	-0.0020601	-0.0018312	0.0253	-0.0008	-0.0072
527	SLV 9	0.0001275	-0.0020245	-0.0010101	0.0259	-0.0011	-0.0072
491	SLV 5	-0.0004765	-0.0020163	-0.0018359	0.0256	-0.0008	-0.0077
526	SLV 9	0.0001255	-0.0019815	-0.0010101	0.0262	-0.0011	-0.0074
490	SLV 5	-0.0004765	-0.0019702	-0.0018408	0.0257	-0.0008	-0.0079
525	SLV 9	0.0001235	-0.0019426	-0.0010222	0.0263	-0.0013	-0.0075
489	SLV 5	-0.0004766	-0.0019283	-0.0018454	0.0258	-0.0009	-0.0081
464	SLV 5	-0.0002589	-0.00192	-0.0008836	0.0245	-0.0028	-0.0065
463	SLV 5	-0.0004697	-0.0019198	-0.0018221	0.0245	-0.0008	-0.0061
462	SLV 5	-0.0003673	-0.0019188	-0.0013146	0.0244	-0.0023	-0.0051
457	SLV 5	-0.0004153	-0.0019121	-0.0015826	0.0245	-0.001	-0.0051
455	SLV 5	-0.0003167	-0.0019103	-0.0011202	0.0245	-0.0023	-0.0057

Spostamenti nodali con componente Uy massima

Vengono mostrati i soli 20 nodi più sollecitati.

Nodo Ind.	Cont. N.br.	Spostamento			Rotazione		
		ux	uy	uz	rx	ry	rz
494	SLV 11	0.0001121	0.0021232	-0.0009477	-0.0254	-0.0015	0.0053
496	SLV 11	0.0000655	0.0021221	-0.0011899	-0.0251	-0.001	0.0045
530	SLV 11	-0.0000671	0.002122	-0.0019115	-0.0251	0.0006	0.0056
509	SLV 11	0.0000402	0.0021215	-0.001471	-0.0251	0.0005	0.0042
511	SLV 11	-0.0000183	0.0021214	-0.0016716	-0.025	0.0004	0.0046
493	SLV 11	0.0001115	0.0020895	-0.0009559	-0.0258	-0.0015	0.006
529	SLV 7	-0.0004804	0.0020885	-0.0018066	-0.0256	-0.0013	0.0061
492	SLV 11	0.0001106	0.0020523	-0.0009641	-0.0262	-0.0015	0.0066
528	SLV 7	-0.0004801	0.0020498	-0.0018145	-0.026	-0.0013	0.0069
491	SLV 11	0.0001089	0.0020124	-0.000973	-0.0265	-0.0017	0.0069
527	SLV 7	-0.0004799	0.0020069	-0.0018224	-0.0262	-0.0013	0.0075
490	SLV 11	0.000107	0.0019709	-0.0009828	-0.0268	-0.0017	0.0071
526	SLV 7	-0.0004796	0.0019616	-0.0018304	-0.0264	-0.0013	0.0078
489	SLV 11	0.0001052	0.0019333	-0.0009924	-0.0269	-0.0019	0.0072
525	SLV 7	-0.0004794	0.0019203	-0.0018376	-0.0264	-0.0014	0.008
463	SLV 11	0.0001248	0.0018994	-0.0009479	-0.0252	-0.0015	0.0059
464	SLV 11	-0.0000718	0.0018991	-0.0019114	-0.0251	0.0006	0.0061
508	SLV 11	0.0000203	0.0018987	-0.001464	-0.026	-0.0005	0.0068
462	SLV 11	0.0000264	0.0018981	-0.0014697	-0.0251	0.0006	0.0047
457	SLV 11	0.0000726	0.0018914	-0.0011951	-0.0252	-0.0009	0.005

Spostamenti nodali con componente Uz minima

Vengono mostrati i soli 20 nodi più sollecitati.

Nodo Ind.	Cont. N.br.	Spostamento			Rotazione		
		ux	uy	uz	rx	ry	rz
318	SLV 7	-0.0004883	0.0004605	-0.0021834	-0.0173	-0.0008	0.0058
319	SLV 7	-0.0004883	0.0005162	-0.0021744	-0.0172	-0.001	0.0058
320	SLV 7	-0.0004885	0.000565	-0.0021637	-0.0176	-0.0014	0.0058
321	SLV 7	-0.0004891	0.0006137	-0.0021518	-0.0179	-0.0014	0.0058
141	SLV 5	-0.0005013	-0.0004469	-0.0021414	0.0173	-0.0004	-0.0061
322	SLV 7	-0.0004899	0.0006627	-0.0021406	-0.0182	-0.0012	0.0059
142	SLV 5	-0.0005012	-0.0005056	-0.0021362	0.0172	-0.0007	-0.0061
7	SLV 9	-0.0002087	-0.0006226	-0.0021342	0.0214	0	-0.0074
323	SLV 7	-0.0004908	0.0007121	-0.0021305	-0.0186	-0.0011	0.0059
8	SLV 9	-0.0002084	-0.0006932	-0.0021295	0.0219	-0.0012	-0.0073
143	SLV 5	-0.0005014	-0.000557	-0.0021289	0.0176	-0.001	-0.0061
156	SLV 9	-0.0001543	-0.0012509	-0.0021269	0.0225	0.0011	-0.0055
6	SLV 9	-0.000209	-0.0005358	-0.0021248	0.0218	0.0015	-0.0073
333	SLV 11	-0.0001397	0.0012259	-0.0021222	-0.0231	0.0006	0.0053
324	SLV 7	-0.0004917	0.0007618	-0.0021214	-0.019	-0.001	0.0059
144	SLV 5	-0.000502	-0.0006084	-0.0021204	0.0179	-0.001	-0.0061
71	SLV 11	-0.0001732	0.0005268	-0.0021192	-0.0222	0.0003	0.0071
5	SLV 9	-0.000209	-0.0005069	-0.0021186	0.0216	0.0017	-0.0073
72	SLV 11	-0.0001731	0.0005685	-0.0021179	-0.022	-0.0003	0.0071
155	SLV 9	-0.0001545	-0.0011968	-0.0021172	0.0224	0.0012	-0.007

Spostamenti nodali con componente Uz massima

Vengono mostrati i soli 20 nodi più sollecitati.

Nodo Ind.	Cont. N.br.	Spostamento			Rotazione		
		ux	uy	uz	rx	ry	rz
533	SLV 1	0	0	0	0	0	0
532	SLV 1	0	0	0	0	0	0
1	SLV 1	0	0	0	0	0	0
531	SLV 1	0	0	0	0	0	0
8	SLV 7	-0.0000435	0.0006365	-0.0005666	-0.025	-0.0028	0.0072
7	SLV 7	-0.0000437	0.0005682	-0.0005977	-0.025	-0.0032	0.0071
73	SLV 5	-0.0000618	-0.0006954	-0.0006243	0.0244	-0.0028	-0.0075
6	SLV 7	-0.0000437	0.0004846	-0.0006336	-0.0248	-0.003	0.0071
5	SLV 7	-0.0000438	0.0004567	-0.0006645	-0.0248	-0.0028	0.0071
72	SLV 5	-0.0000619	-0.0006239	-0.0006651	0.0245	-0.003	-0.0073
4	SLV 7	-0.0000438	0.0004288	-0.0006557	-0.0248	-0.0027	0.0071
3	SLV 7	-0.0000437	0.000401	-0.0006655	-0.0249	-0.0023	0.0072
71	SLV 5	-0.0000619	-0.0005802	-0.0006662	0.0243	-0.0026	-0.0074
156	SLV 7	-0.0001405	0.0012262	-0.0006781	-0.024	-0.0045	0.0061
70	SLV 5	-0.0000619	-0.0005365	-0.0006804	0.0243	-0.0024	-0.0074
2	SLV 7	-0.0000437	0.0003327	-0.0006858	-0.0246	-0.002	0.0071
69	SLV 5	-0.0000619	-0.0004927	-0.0006935	0.0242	-0.0021	-0.0074
68	SLV 5	-0.0000619	-0.0004489	-0.0007048	0.0243	-0.0017	-0.0075
155	SLV 7	-0.0001414	0.0011724	-0.0007137	-0.024	-0.0042	0.0066
333	SLV 5	-0.0001376	-0.0012534	-0.0007167	0.0235	-0.0038	-0.0064

1.4 Spostamenti nodali SLD

Nodo: nodo interessato dallo spostamento.

Ind.: indice del nodo.

Cont.: condizione o combinazione di carico a cui si riferisce lo spostamento.

N.br.: nome breve della condizione o combinazione di carico.

Spostamento: spostamento traslazionale del nodo.

ux: componente X dello spostamento del nodo. [m]

uy: componente Y dello spostamento del nodo. [m]

uz: componente Z dello spostamento del nodo. [m]

Rotazione: spostamento rotazionale del nodo.

rx: componente X della rotazione del nodo. [deg]

ry: componente Y della rotazione del nodo. [deg]

rz: componente Z della rotazione del nodo. [deg]

Spostamenti nodali con componente Ux minima

Vengono mostrati i soli 20 nodi più sollecitati.

Nodo		Spostamento			Rotazione		
Ind.	Cont. N.br.	ux	uy	uz	rx	ry	rz
489	SLD 1	-0.000542	-0.0002909	-0.0014394	0.0035	-0.0027	-0.0016
490	SLD 1	-0.000542	-0.0002993	-0.0014256	0.0035	-0.0026	-0.0016
491	SLD 1	-0.0005419	-0.0003084	-0.0014101	0.0035	-0.0026	-0.0015
493	SLD 1	-0.0005419	-0.0003237	-0.0013799	0.0035	-0.0026	-0.001
492	SLD 1	-0.0005418	-0.0003167	-0.0013949	0.0035	-0.0026	-0.0013
494	SLD 1	-0.0005418	-0.0003295	-0.001365	0.0034	-0.0025	-0.0007
488	SLD 1	-0.0005417	-0.000276	-0.0014643	0.0034	-0.0027	-0.0016
487	SLD 1	-0.0005411	-0.0002614	-0.0014893	0.0033	-0.0027	-0.0015
486	SLD 1	-0.0005402	-0.0002459	-0.0015139	0.0032	-0.0026	-0.0015
485	SLD 1	-0.0005392	-0.0002327	-0.0015382	0.0031	-0.0026	-0.0014
484	SLD 1	-0.0005382	-0.0002202	-0.001562	0.003	-0.0025	-0.0013
483	SLD 1	-0.0005373	-0.0002084	-0.0015854	0.0029	-0.0025	-0.0012
530	SLD 3	-0.0005366	0.0003121	-0.001372	-0.0041	-0.0026	0.0004
529	SLD 3	-0.0005366	0.0003113	-0.0013872	-0.0041	-0.0026	0.0008
528	SLD 3	-0.0005365	0.0003056	-0.0014025	-0.0042	-0.0026	0.0011
482	SLD 1	-0.0005365	-0.0001973	-0.0016085	0.0028	-0.0025	-0.0012
527	SLD 3	-0.0005365	0.0002983	-0.001418	-0.0042	-0.0026	0.0013
526	SLD 3	-0.0005364	0.0002901	-0.0014336	-0.0041	-0.0026	0.0015
525	SLD 3	-0.0005363	0.0002824	-0.0014476	-0.0041	-0.0027	0.0015
496	SLD 1	-0.0005362	-0.0003296	-0.0013321	0.0034	-0.0025	-0.0005

Spostamenti nodali con componente Ux massima

Vengono mostrati i soli 20 nodi più sollecitati.

Nodo		Spostamento			Rotazione		
Ind.	Cont. N.br.	ux	uy	uz	rx	ry	rz
327	SLD 13	0.0001925	-0.0001436	-0.0013882	0.0039	-0.0004	-0.0011
326	SLD 13	0.0001924	-0.000136	-0.0013917	0.0039	-0.0004	-0.0011
328	SLD 13	0.0001924	-0.0001528	-0.001385	0.004	-0.0004	-0.0011
325	SLD 13	0.0001923	-0.000127	-0.0013953	0.0038	-0.0004	-0.0011
329	SLD 13	0.0001922	-0.000162	-0.0013818	0.0039	-0.0003	-0.0011
324	SLD 13	0.0001922	-0.0001181	-0.0013988	0.0037	-0.0004	-0.0011
323	SLD 13	0.000192	-0.0001092	-0.0014021	0.0036	-0.0004	-0.0011
330	SLD 13	0.0001918	-0.0001713	-0.0013793	0.0039	-0.0003	-0.0011
322	SLD 13	0.0001918	-0.0001003	-0.0014053	0.0035	-0.0004	-0.0011
333	SLD 13	0.0001918	-0.0002001	-0.0013729	0.0037	-0.0005	-0.0016
321	SLD 13	0.0001917	-0.0000915	-0.0014083	0.0033	-0.0003	-0.0011
320	SLD 13	0.0001915	-0.0000827	-0.0014105	0.0033	-0.0002	-0.0011
319	SLD 13	0.0001914	-0.0000739	-0.0014111	0.0033	0.0001	-0.0011
318	SLD 13	0.0001913	-0.0000639	-0.0014092	0.0031	0.0003	-0.0011
331	SLD 13	0.0001913	-0.0001805	-0.0013772	0.0038	-0.0003	-0.0011
332	SLD 13	0.0001909	-0.0001896	-0.0013751	0.0037	-0.0002	-0.0011
530	SLD 13	0.0001871	-0.0003282	-0.001423	0.0036	0.0005	-0.0006
529	SLD 13	0.0001866	-0.0003267	-0.0014199	0.0037	0.0005	-0.0008
528	SLD 13	0.0001856	-0.0003216	-0.0014169	0.0038	0.0005	-0.0009
527	SLD 13	0.0001841	-0.0003159	-0.0014144	0.0039	0.0003	-0.001

Spostamenti nodali con componente Uy minima

Vengono mostrati i soli 20 nodi più sollecitati.

Nodo		Spostamento			Rotazione		
Ind.	Cont. N.br.	ux	uy	uz	rx	ry	rz
530	SLD 5	-0.0002289	-0.0010801	-0.0011386	0.0123	-0.0019	-0.003
511	SLD 5	-0.000256	-0.0010795	-0.0012558	0.0122	-0.0017	-0.0027
509	SLD 5	-0.0002887	-0.0010789	-0.0013524	0.0121	-0.0017	-0.0025
494	SLD 5	-0.0003304	-0.0010789	-0.0016054	0.0122	-0.0009	-0.003
496	SLD 5	-0.0003042	-0.0010787	-0.0014891	0.0121	-0.001	-0.0025
529	SLD 9	-0.0000213	-0.0010627	-0.0012006	0.0126	-0.0009	-0.0031
493	SLD 5	-0.0003304	-0.00106	-0.0016107	0.0124	-0.0009	-0.0034
528	SLD 9	-0.0000221	-0.0010437	-0.0012058	0.0128	-0.0009	-0.0033
492	SLD 5	-0.0003306	-0.0010388	-0.0016161	0.0125	-0.0009	-0.0038
527	SLD 9	-0.0000233	-0.0010234	-0.0012116	0.013	-0.0011	-0.0035
491	SLD 5	-0.000331	-0.0010158	-0.0016219	0.0127	-0.001	-0.004
526	SLD 9	-0.0000248	-0.0010023	-0.0012181	0.0132	-0.0011	-0.0036
490	SLD 5	-0.0003316	-0.0009915	-0.0016281	0.0127	-0.001	-0.0042
525	SLD 9	-0.0000262	-0.0009833	-0.0012245	0.0133	-0.0013	-0.0037
464	SLD 5	-0.0002123	-0.0009714	-0.0011387	0.0122	-0.0019	-0.0034
463	SLD 5	-0.0003322	-0.0009712	-0.0016052	0.0122	-0.0009	-0.0031
462	SLD 5	-0.0002694	-0.0009707	-0.0013531	0.0121	-0.0016	-0.0027
489	SLD 5	-0.0003321	-0.0009694	-0.0016339	0.0127	-0.0011	-0.0043
457	SLD 5	-0.0002941	-0.0009674	-0.0014865	0.0121	-0.001	-0.0026
455	SLD 5	-0.0002426	-0.0009666	-0.0012566	0.0122	-0.0016	-0.003

Spostamenti nodali con componente Uy massima

Vengono mostrati i soli 20 nodi più sollecitati.

Nodo		Spostamento			Rotazione		
Ind.	Cont. N.br.	ux	uy	uz	rx	ry	rz
494	SLD 11	-0.0000342	0.0010652	-0.0011646	-0.013	-0.0013	0.0026
496	SLD 11	-0.0000568	0.0010646	-0.0012885	-0.0129	-0.001	0.0022
509	SLD 11	-0.0000686	0.001064	-0.0014319	-0.0128	-0.0002	0.002
530	SLD 11	-0.0001207	0.001064	-0.0016564	-0.0128	-0.0002	0.0028
511	SLD 11	-0.000097	0.0010638	-0.0015343	-0.0127	-0.0003	0.0022
493	SLD 11	-0.0000346	0.0010489	-0.0011719	-0.0132	-0.0013	0.0029
529	SLD 7	-0.0003287	0.0010473	-0.0016066	-0.013	-0.0012	0.0031
492	SLD 11	-0.0000353	0.001031	-0.0011791	-0.0134	-0.0013	0.0032
528	SLD 7	-0.0003288	0.0010277	-0.0016136	-0.0132	-0.0012	0.0035
491	SLD 11	-0.0000365	0.0010119	-0.001187	-0.0136	-0.0015	0.0033
527	SLD 7	-0.000329	0.0010058	-0.0016209	-0.0133	-0.0013	0.0039
490	SLD 11	-0.000038	0.0009922	-0.0011956	-0.0137	-0.0015	0.0034
526	SLD 7	-0.0003293	0.0009824	-0.0016284	-0.0133	-0.0013	0.004
489	SLD 11	-0.0000394	0.0009744	-0.0012039	-0.0138	-0.0017	0.0034
525	SLD 7	-0.0003296	0.0009611	-0.0016353	-0.0133	-0.0014	0.0041
508	SLD 11	-0.000083	0.0009535	-0.0014445	-0.0132	-0.0011	0.0033
463	SLD 11	-0.0000229	0.0009508	-0.0011647	-0.0129	-0.0013	0.0029
464	SLD 11	-0.0001183	0.0009505	-0.0016564	-0.0128	-0.0002	0.003
462	SLD 11	-0.0000715	0.00095	-0.0014312	-0.0128	-0.0001	0.0023
457	SLD 11	-0.0000487	0.0009467	-0.0012911	-0.0129	-0.0009	0.0025

Spostamenti nodali con componente Uz minima

Vengono mostrati i soli 20 nodi più sollecitati.

Nodo		Spostamento			Rotazione		
Ind.	Cont. N.br.	ux	uy	uz	rx	ry	rz
318	SLD 7	-0.000314	0.0002345	-0.0018889	-0.0085	-0.0008	0.0029
319	SLD 7	-0.000314	0.0002618	-0.0018803	-0.0083	-0.001	0.0028
320	SLD 7	-0.0003141	0.0002856	-0.00187	-0.0086	-0.0013	0.0029
141	SLD 5	-0.0003248	-0.0002218	-0.0018664	0.0084	-0.0006	-0.0031
142	SLD 5	-0.0003247	-0.000252	-0.0018594	0.0083	-0.0009	-0.0031
321	SLD 7	-0.0003144	0.0003095	-0.0018583	-0.0087	-0.0014	0.0028
143	SLD 5	-0.0003248	-0.0002784	-0.0018505	0.0085	-0.0012	-0.0032
322	SLD 7	-0.0003148	0.0003335	-0.0018468	-0.0088	-0.0013	0.0029
144	SLD 5	-0.0003251	-0.0003049	-0.0018401	0.0086	-0.0012	-0.0031
323	SLD 7	-0.0003153	0.0003577	-0.0018358	-0.009	-0.0013	0.0029
145	SLD 5	-0.0003255	-0.0003314	-0.0018298	0.0087	-0.0012	-0.0032
324	SLD 7	-0.0003157	0.0003821	-0.0018254	-0.0092	-0.0012	0.0029
146	SLD 5	-0.0003259	-0.0003581	-0.0018198	0.0088	-0.0011	-0.0032
325	SLD 7	-0.0003162	0.0004066	-0.0018153	-0.0094	-0.0012	0.0029
147	SLD 5	-0.0003264	-0.000385	-0.0018103	0.009	-0.0011	-0.0032
302	SLD 7	-0.0002865	0.0002344	-0.0018068	-0.0087	-0.0007	0.0029
326	SLD 7	-0.0003167	0.0004312	-0.0018056	-0.0096	-0.0011	0.0029
148	SLD 5	-0.0003269	-0.000412	-0.0018012	0.0091	-0.0011	-0.0032
512	SLD 7	-0.0003311	0.0005236	-0.0018	-0.0093	-0.0015	0.0029
452	SLD 7	-0.0003161	0.0004365	-0.0017998	-0.0094	-0.0015	0.0029

Spostamenti nodali con componente Uz massima

Vengono mostrati i soli 20 nodi più sollecitati.

Nodo		Spostamento			Rotazione		
Ind.	Cont. N.br.	ux	uy	uz	rx	ry	rz
533	SLD 1	0	0	0	0	0	0
532	SLD 1	0	0	0	0	0	0
1	SLD 1	0	0	0	0	0	0
531	SLD 1	0	0	0	0	0	0
8	SLD 7	-0.0000843	0.0003054	-0.0009542	-0.0134	-0.0024	0.0036
7	SLD 7	-0.0000845	0.0002715	-0.0009788	-0.0135	-0.0024	0.0035
73	SLD 5	-0.0000893	-0.0003637	-0.0009922	0.0127	-0.0025	-0.0039
6	SLD 7	-0.0000846	0.0002303	-0.0010035	-0.0132	-0.0019	0.0035
5	SLD 7	-0.0000847	0.0002165	-0.0010105	-0.0133	-0.0017	0.0035
72	SLD 5	-0.0000895	-0.0003269	-0.0010115	0.0129	-0.0024	-0.0038
4	SLD 7	-0.0000847	0.0002027	-0.0010169	-0.0133	-0.0015	0.0035
3	SLD 7	-0.0000846	0.000189	-0.0010221	-0.0135	-0.0012	0.0036
71	SLD 5	-0.0000895	-0.0003044	-0.0010267	0.0128	-0.0019	-0.0038
2	SLD 7	-0.0000847	0.0001552	-0.0010311	-0.0132	-0.0008	0.0035
70	SLD 5	-0.0000895	-0.0002819	-0.0010366	0.0127	-0.0016	-0.0038
156	SLD 7	-0.0001438	0.0006105	-0.0010374	-0.0125	-0.0031	0.0032
69	SLD 5	-0.0000895	-0.0002594	-0.0010449	0.0128	-0.0013	-0.0038
68	SLD 5	-0.0000895	-0.0002368	-0.001051	0.0129	-0.0008	-0.0039
10	SLD 7	-0.0001014	0.0002505	-0.0010558	-0.0132	-0.002	0.0035
67	SLD 5	-0.0000896	-0.0001999	-0.0010565	0.0126	-0.0004	-0.0038

1.5 Sollecitazioni estreme platee e solette

Shell: elemento guscio a cui si riferiscono le sollecitazioni.

Ind: indice del guscio.

Cont.: contesto a cui si riferiscono le sollecitazioni.

N.br.: nome breve della condizione o combinazione di carico.

Nodo: nodo su cui si basa il guscio a cui si riferisce la sollecitazione.

Ind: indice del nodo.

Sollecitazione: valori della sollecitazione.

Mxx: componente Mxx della sollecitazione del guscio nel nodo indicato. [kN*m/m]

Mxy: componente Mxy della sollecitazione del guscio nel nodo indicato. [kN*m/m]

Myy: componente Myy della sollecitazione del guscio nel nodo indicato. [kN*m/m]

Fxx: componente Fxx della sollecitazione del guscio nel nodo indicato. [kN/m]

Fxy: componente Fxy della sollecitazione del guscio nel nodo indicato. [kN/m]

Fyy: componente Fyy della sollecitazione del guscio nel nodo indicato. [kN/m]

Vx: componente Vo della sollecitazione del guscio nel nodo indicato. [kN/m]

Vy: componente Vz della sollecitazione del guscio nel nodo indicato. [kN/m]

Sollecitazioni con momento Mxx minimo

Vengono mostrati i soli 200 gusci più sollecitati.

Shell	Cont.	Nodo	Sollecitazione										
			Ind	N.br.	Ind	Mxx	Mxy	Myy	Fxx	Fxy	Fyy	Vx	Vy
375	SLV 13	291				-8.89	-0.31	-3.65	-27	-10	-9	21	6
376	SLV 13	291				-8.84	0.26	-3.64	-35	-22	-44	19	-33
352	SLV 15	174				-8.68	0.26	-3.95	-25	9	-7	20	-6
351	SLV 15	174				-8.68	-0.09	-3.75	-32	20	-42	19	34
353	SLU 7	240				-7.18	0.33	-0.14	-12	1	7	33	-3
374	SLU 7	240				-7.18	-0.43	-0.09	-12	-2	7	33	3
332	SLV 15	172				-7	-1.47	-0.23	-65	-5	-12	18	4
294	SLV 13	317				-6.22	1.19	0.33	-63	5	-11	16	-2
481	SLV Y	18				-2.41	0.22	-3.59	-2	-1	5	-5	8
312	SLV X	220				-2.28	0.22	-0.24	2	-2	4	23	-10
482	SLV Y	18				-2.2	0.21	-1.47	-3	-2	-2	-4	-1
404	SLV X	229				-1.97	-0.05	-1.52	8	1	-1	10	6
439	SLV X	229				-1.93	0.18	-1.52	7	-2	-1	9	-8
477	SLV 11	17				-1.91	-1.1	0.31	7	3	-2	16	8
511	SLV 11	17				-1.8	-0.05	1.47	5	-7	-4	14	-1
480	SLV Y	18				-1.79	-0.08	-3.52	-2	2	5	4	8
373	Pesi	239				-1.77	-0.12	-0.68	-3	-1	2	2	1
354	SLV 13	196				-1.77	0.27	-2.48	-5	5	-3	5	-16
401	SLV 13	196				-1.75	0.63	-1.47	-8	7	-7	6	-3
315	SLV X	186				-1.7	0.05	-0.22	5	-2	-1	9	-2
460	SLV 15	16				-1.66	-0.34	2.33	11	-6	1	27	9
479	SLV 15	16				-1.66	-0.17	2.65	9	2	-1	22	2
395	SLV 15	274				-1.65	-0.73	-1.5	-8	-7	-6	6	2
414	SLU 3	221				-1.62	-0.13	-0.42	1	0	1	-3	2
413	SLV 5	194				-1.6	-0.49	-0.66	-5	3	1	-3	-1
473	SLV Y	12				-1.6	-0.66	-2.51	2	1	2	4	5
429	SLV 3	268				-1.58	0.26	-0.44	-3	-3	-1	3	0
430	SLV 3	268				-1.58	0.08	-0.62	-3	-3	-1	2	0
507	SLV Y	18				-1.58	-0.09	-1.4	-3	0	-1	2	-2
412	SLU 3	221				-1.56	-0.15	-0.31	2	0	2	-2	1
411	SLU 3	221				-1.54	-0.17	-0.64	2	0	2	0	1
410	SLU 3	246				-1.51	0	-0.49	1	0	2	-1	0
441	SLU 3	245				-1.5	0.03	-0.67	1	0	2	0	0
425	SLV 1	214				-1.49	-0.17	-0.98	-3	2	0	1	0
508	SLU 3	45				-1.48	0.16	-0.88	-6	-1	3	-5	1
445	SLU 3	249				-1.47	0.04	-0.55	1	0	1	-2	-1
442	SLU 3	256				-1.47	0.12	-0.72	1	0	1	0	-1
478	SLV Y	7				-1.46	0.17	-1.13	-2	0	1	3	-1
483	SLV Y	27				-1.46	0	-0.42	1	-1	-3	-2	-1
472	SLV Y	12				-1.45	-0.62	-1.05	2	0	-1	3	-2
500	SLU 3	37				-1.45	0.3	-1.02	-3	-1	3	5	-1
431	SLU 3	245				-1.45	-0.01	-0.66	1	0	2	1	0
419	SLV 1	214				-1.44	-0.1	-0.77	-3	3	-1	2	2
506	SLU 3	45				-1.44	0.11	-1.08	-4	1	2	-6	-1
311	SLV 3	212				-1.43	0.9	-1.09	4	-2	5	81	-38
499	SLU 3	45				-1.43	0.14	-1.17	-2	1	3	2	-4
443	SLU 3	246				-1.43	0.07	-0.29	1	0	2	-2	2
415	SLU 3	215				-1.42	-0.45	0.07	1	0	2	-7	2
444	SLU 3	257				-1.38	0.19	-0.47	2	0	2	-1	1
432	SLV 1	224				-1.38	0.01	-0.72	-3	1	-1	2	-1
459	SLU 3	264				-1.37	0.45	-0.43	2	0	1	-1	-2
426	SLV 1	224				-1.36	-0.02	-0.72	-3	2	-1	2	0
409	SLU 3	194				-1.33	-0.63	-0.6	2	1	1	-2	2
456	SLV 7	264				-1.32	-0.16	-0.62	-5	-3	-1	-3	1
455	SLV 7	282				-1.32	0.34	-1.03	-7	-3	0	-1	-1
509	SLU 3	37				-1.31	0.13	-0.53	-3	-2	3	-2	3
501	SLU 3	37				-1.3	0.37	-0.57	-2	-1	2	6	1
457	SLV 7	282				-1.3	0.34	-0.88	-6	-3	2	-3	-2
513	SLV 5	14				-1.29	-0.22	4.54	5	2	-4	7	5
427	SLV 3	280				-1.28	0.05	-0.48	-4	-5	0	-1	-5
421	SLV 1	193				-1.26	-0.23	-0.42	-5	4	0	-2	6
458	SLV 7	260				-1.25	-0.01	-0.25	-5	-3	1	-3	3
336	SLV 3	207				-1.25	-0.34	0.32	-2	0	-2	17	11
316	SLV X	186				-1.25	0.22	-0.27	3	-2	1	-1	-3
515	SLV 9	15				-1.25	0.64	5.9	2	-1	-3	6	12
475	SLV 5	14				-1.23	0.66	5.25	2	-1	1	9	-6
476	SLV 9	15				-1.22	0.3	5.42	2	0	0	10	-3
428	SLV 3	262				-1.21	-0.13	-0.72	-2	-4	-1	2	-2
435	SLV 3	262				-1.19	-0.12	-0.81	-3	-2	-1	3	-1
333	SLV 1	261				-1.18	0.78	-0.03	-1	1	-1	8	-5
388	SLV 7	298				-1.18	-0.41	-0.83	-7	-4	3	3	-6

Shell	Cont.	Nodo	Sollecitazione								
			Mxx	Mxy	Myy	Fxx	Fxy	Fyy	Vx	Vy	
440	SLV 7	260	-1.18	-0.25	-0.39	-6	-2	-1	-5	5	
424	SLV 3	223	-1.15	-0.08	-0.73	-2	-1	-1	4	1	
292	SLV X	250	-1.13	0.48	-0.02	2	-1	1	4	-7	
433	SLV 3	252	-1.13	-0.09	-0.82	-2	-2	0	0	1	
434	SLV 3	223	-1.12	-0.06	-0.69	-2	-1	-1	4	2	
339	SLV 5	181	-1.12	0.39	-1.09	-7	4	3	2	5	
309	SLV X	287	-1.12	0.11	-0.07	2	1	0	2	1	
338	SLV Y	186	-1.11	-0.21	-0.38	3	-6	4	-3	1	
448	SLV 7	289	-1.09	-0.7	-1.83	-6	-2	-3	1	9	
318	SLV Y	158	-1.08	-0.54	-1.46	0	0	5	3	3	
310	SLV X	287	-1.06	-0.11	-0.28	2	2	1	2	1	
420	SLV 1	210	-1.03	0.07	-0.71	-2	4	-1	2	2	
423	SLV 1	210	-1.03	0.04	-0.68	-2	3	-1	3	2	
337	SLV Y	186	-1.02	-0.27	0.39	3	-6	-3	-2	-1	
350	SLV 5	175	-1.01	1.51	-2.53	-4	4	-7	2	1	
505	SLV Y	27	-0.99	-0.4	-0.38	-1	0	-3	2	0	
314	SLV Y	158	-0.98	-0.54	-0.45	0	1	1	1	-2	
377	SLV 7	294	-0.98	-1.55	-2.36	1	-5	-8	1	0	
407	SLV 9	191	-0.93	-0.57	-0.81	-5	-1	1	-5	-6	
319	SLV Y	158	-0.91	-0.55	-1.44	1	-2	5	-2	3	
347	SLV 13	168	-0.89	0.54	-0.21	-13	-5	-2	3	1	
516	SLV 15	29	-0.89	-0.41	0.64	2	-9	-1	3	2	
437	SLV 1	251	-0.88	0.07	-0.54	-2	1	-1	2	-2	
405	SLV 9	191	-0.88	-0.16	-0.82	-5	0	3	-3	-4	
296	SLV 13	315	-0.88	0.01	0.4	-14	-2	4	2	1	
380	SLV 15	313	-0.87	-0.64	-0.14	-11	4	-2	3	-1	
498	SLU 3	54	-0.87	-0.37	0.23	3	4	2	-1	-5	
330	SLV 15	170	-0.87	-0.12	0.32	-14	2	4	2	0	
348	SLV 13	169	-0.87	0.68	-0.1	-17	-4	-2	3	1	
422	SLV 3	216	-0.86	-0.06	-0.53	-1	-1	-1	5	2	
340	SLV 5	181	-0.86	0.2	-1.2	-7	4	3	1	5	
298	SLV 13	313	-0.85	0.18	0.24	-4	-3	1	3	0	
293	SLV X	250	-0.85	-0.36	-0.27	1	1	1	1	7	
408	SLV Y	206	-0.85	-0.43	-1.08	3	0	0	-2	7	
362	SLV Y	206	-0.84	-0.32	-1.14	4	-2	5	-2	11	
297	SLV 13	314	-0.83	0.06	0.18	-9	-3	1	2	0	
379	SLV 15	314	-0.83	-0.77	-0.03	-15	4	-2	2	-1	
329	SLV 15	169	-0.82	-0.13	0.13	-9	3	1	2	0	
447	SLV 7	271	-0.82	-1.22	0.8	-2	0	-2	3	10	
328	SLV 15	168	-0.82	-0.24	0.19	-4	3	1	3	0	
406	SLV 9	185	-0.82	-0.39	-1.55	-6	0	-3	-1	-8	
346	SLV 9	167	-0.82	1.04	-3.7	-17	-1	0	1	-4	
335	SLV X	228	-0.82	0.32	0.69	0	0	2	-15	-4	
381	SLV 15	312	-0.81	-0.54	-0.17	-8	5	-2	3	-1	
387	SLV 7	298	-0.81	-0.18	-0.95	-7	-4	2	1	-5	
383	SLV 7	309	-0.8	-1.17	-3.42	-11	-1	1	-1	4	
382	SLV 7	310	-0.8	-1.13	-3.49	-11	-2	2	-1	3	
349	SLV 13	170	-0.79	1.09	0.8	-20	-3	2	2	4	
384	SLV 7	308	-0.79	-0.99	-2.85	-10	-2	2	-1	2	
394	Pesi	273	-0.79	-0.21	-1.17	-8	-3	1	1	-2	
308	SLV X	303	-0.78	0.14	-1.02	3	-1	-1	2	-2	
390	SLV 3	288	-0.78	-0.31	-0.2	-2	-5	0	3	-3	
344	SLV 5	164	-0.78	0.91	-3.53	-13	2	2	-1	-4	
345	SLV 5	165	-0.77	0.94	-3.64	-14	2	2	-1	-3	
400	Pesi	199	-0.77	0.12	-1.16	-8	3	0	1	2	
367	SLV 7	271	-0.76	-0.86	0.88	-4	0	-6	2	14	
450	SLV 9	283	-0.76	0.63	0.09	6	3	-2	6	-4	
378	SLV 15	315	-0.75	-1.15	0.81	-18	3	2	2	-4	
299	SLV 13	312	-0.75	0.27	0.3	0	-3	1	3	1	
510	SLV 15	32	-0.74	-0.02	-0.43	-2	-7	-2	-4	3	
403	SLV 5	203	-0.74	0.98	1.05	-3	0	-2	2	-9	
461	SLU 3	59	-0.74	0.18	1.37	8	7	-2	0	-11	
343	SLV 5	163	-0.72	0.82	-3.32	-12	1	2	0	-3	
451	SLV X	266	-0.72	-0.07	-0.3	3	1	0	1	-2	
396	SLV 9	197	-0.72	1.07	0.73	-6	0	-3	2	-9	
474	SLV Y	12	-0.72	-0.45	-2.43	0	0	2	-2	5	
363	SLV X	230	-0.71	-0.12	-0.94	3	2	0	0	3	
327	SLV 15	167	-0.7	-0.33	0.26	0	3	1	2	-1	
364	SLV X	230	-0.7	0.14	-0.82	3	-2	0	0	-2	
397	SLV 9	200	-0.7	1.19	0.67	-7	0	-3	2	-9	
446	SLV 11	275	-0.7	-1.21	0.52	-5	0	-2	2	9	
512	SLU 3	30	-0.7	0.42	0.14	0	-1	0	7	5	
317	SLV X	205	-0.7	-0.12	0.03	2	-1	1	1	0	
391	SLV 11	278	-0.7	-1.3	0.36	-5	0	-3	2	9	
491	SLU 3	54	-0.69	-0.36	0.45	5	1	0	-1	-8	
402	SLV 5	198	-0.69	1.04	0.85	-3	1	-2	2	-9	
372	Pesi	273	-0.69	-0.17	-1.16	-8	-2	-1	1	5	
342	SLV 5	162	-0.69	0.58	-2.5	-12	2	2	0	-2	
385	SLV 7	307	-0.68	-0.69	-2.16	-10	-1	2	-1	1	
355	Pesi	199	-0.68	0.07	-1.15	-8	2	-1	1	-5	
392	SLV 11	279	-0.67	-1.42	0.2	-6	1	-5	2	8	
484	SLV Y	35	-0.67	-0.19	-0.11	1	-1	-1	-1	0	
514	SLV 15	29	-0.67	-0.15	0.52	0	-8	-2	4	4	
371	SLV 9	237	-0.67	1.26	-2.82	-2	-7	0	1	-7	
503	SLV 15	32	-0.66	-0.4	-0.07	-6	-2	-1	-10	1	
398	SLV 9	201	-0.66	1.31	0.53	-8	-1	-5	2	-9	
300	SLV 13	311	-0.66	0.36	0.33	3	-2	1	2	1	
361	SLV 5	203	-0.66	0.71	1.08	-5	0	-6	2	-15	
341	SLV 9	173	-0.65	-0.32	-1.62	-7	0	3	-1	1	
331	Pesi	155	-0.65	0.11	0	-11	-4	5	1	-4	
334	SLV X	228	-0.64	-0.43	0.2	0	0	2	-10	-1	
389	SLV 3	288	-0.64	-0.32	-0.3	-2	-7	-1	3	-7	
386	SLV 11	300	-0.63	-0.28	-1.53	-7	0	3	0	-2	
359	SLV 9	197	-0.63	0.84	0.75	-6	1	-7	2	-14	
471	SLV Y	26	-0.63	-0.65	-0.08	-1	0	-1	1	0	
368	SLV 11	275	-0.62	-0.92	0.56	-5	-1	-7	2	14	
356	SLV 15	237	-0.62	-0.42	-0.3	-6	5	-3	2	0	
360	SLV 5	198	-0.61	0.78	0.88	-5	0	-6	2	-14	
369	SLV 11	278	-0.61	-1.02	0.39	-6	-1	-7	2	14	

Shell	Cont.	Nodo	Sollecitazione								
			Mxx	Mxy	Myy	Fxx	Fxy	Fyy	Vx	Vy	
358	SLV 9	200	-0.61	0.94	0.7	-8	1	-7	2	-14	
393	Pesi	297	-0.61	-0.17	-0.38	-11	-1	-1	-1	-1	
453	SLV 11	281	-0.6	0.21	-0.75	-5	1	2	-2	3	
370	SLV 9	236	-0.6	1.2	-2.89	-1	-4	-1	1	-7	
449	SLV 9	283	-0.6	0.84	0.79	5	4	-3	5	-9	
301	SLV X	310	-0.59	0.15	-0.21	-1	-2	0	2	0	
399	Pesi	179	-0.59	0.07	-0.49	-11	1	-1	-1	0	
295	Pesi	332	-0.59	-0.15	0	-10	3	5	1	4	
326	SLV X	166	-0.58	-0.12	-0.18	-3	2	0	2	0	
357	SLV 9	201	-0.57	1.04	0.56	-8	-1	-8	2	-13	
496	SLV Y	12	-0.57	-0.41	-0.96	-2	-2	-2	-2	-2	
504	SLU 3	48	-0.54	0.29	-0.62	-3	3	2	-4	-1	
454	SLV Y	301	-0.54	-0.34	-1.92	-7	-1	1	-1	6	
436	SLV 1	254	-0.53	-0.07	-0.61	-1	1	-1	7	3	
325	SLV X	165	-0.53	-0.13	-0.21	-1	2	0	2	0	
305	SLV 3	305	-0.53	-0.01	2.63	-6	1	1	-2	5	
321	SLV 3	160	-0.53	-0.66	1.57	1	-2	1	-2	-3	
322	SLV 1	146	-0.52	0.13	-0.02	-8	-4	-1	1	-4	
306	SLV 7	321	-0.52	-0.78	-0.01	-12	-2	-1	2	6	
492	SLV 1	47	-0.52	0.31	-0.42	0	1	-1	5	-2	
418	SLV 3	217	-0.52	0.04	-0.62	-1	-1	-2	8	1	
302	SLV X	309	-0.52	0.14	-0.23	1	-2	0	2	0	
495	SLV 1	23	-0.51	0.23	1.39	2	3	1	6	5	
493	SLV 1	47	-0.51	0.27	-0.61	-1	1	0	6	1	
303	SLV 7	324	-0.5	-0.99	-0.01	-18	1	-3	0	6	
416	SLV 3	217	-0.5	0.1	-0.6	-1	-2	-1	5	-1	
304	SLV 7	323	-0.5	-0.86	0	-18	1	-2	0	6	
366	SLV 7	269	-0.5	-0.8	1.41	-3	0	-6	1	14	
323	SLV 1	147	-0.48	0.26	-0.02	-7	-4	-1	1	-4	
324	SLV X	164	-0.48	-0.13	-0.23	1	2	0	2	0	

Sollecitazioni con momento Mxx massimo

Vengono mostrati i soli 200 gusci più sollecitati.

Shell	Cont.	Nodo	Sollecitazione								
			Mxx	Mxy	Myy	Fxx	Fxy	Fyy	Vx	Vy	
481	SLV 9	18	8.77	-0.83	10.17	-3	1	-8	18	-23	
482	SLV 9	18	8.27	-0.55	5.28	-3	0	3	15	8	
488	SLV 11	65	8.1	0.79	9.06	-3	-2	-7	17	18	
487	SLV 11	65	7.69	0.66	5.09	-3	1	3	14	-7	
473	SLU 7	12	7.37	0.88	7.46	-2	-2	-3	-16	-15	
466	SLU 7	61	7.01	-0.83	6.84	-3	2	-3	-15	14	
472	SLU 7	12	7	0.73	3.88	-2	-2	6	-13	5	
467	SLU 7	61	6.71	-0.8	3.92	-3	1	6	-12	-4	
502	SLU 7	43	6.7	0.16	0.47	-14	0	-8	-20	1	
503	SLU 7	43	6.51	0.31	0.12	-14	-2	-7	-18	0	
468	SLU 7	56	6.35	-0.44	1.57	-2	0	5	-11	-3	
483	SLV 9	27	6.25	-0.09	1.61	-1	-1	1	10	5	
486	SLV 11	57	6.22	0.22	2.17	-2	2	1	11	-7	
471	SLU 7	26	6.11	0.37	1.6	-2	0	6	-10	4	
404	SLU 7	229	6.04	-0.03	5.37	-13	-3	-2	-33	-22	
439	SLU 7	229	6.03	-0.41	5.63	-11	5	-1	-30	29	
480	SLV 9	18	5.52	-0.31	9.93	5	-2	-6	-12	-22	
505	SLU 7	35	5.44	0.43	0.02	-11	-4	-3	-13	1	
493	SLV 15	41	5.44	-0.51	1.08	-2	-2	5	16	0	
504	SLU 7	51	5.37	-0.22	2.26	-13	2	-5	-15	0	
470	SLU 3	34	5.34	0.07	0.88	0	0	3	-9	2	
497	SLU 7	51	5.31	-0.59	-0.28	-11	5	-4	-13	-1	
469	SLU 3	50	5.29	-0.24	0.06	0	0	3	-9	2	
312	SLV 3	220	5.23	-0.73	1.31	0	4	-7	-44	41	
494	SLV 15	41	5.22	-0.63	0.02	-3	-2	7	15	1	
495	SLV 13	34	4.95	0.07	0.46	-1	0	7	13	0	
492	SLV 15	50	4.95	-0.57	1.04	-1	0	6	13	-2	
507	SLV 5	27	4.94	0.38	2.44	-2	-3	1	-13	4	
315	SLV 1	186	4.89	-0.12	0.99	-7	2	1	-21	6	
462	SLV 7	65	4.68	0.5	8.13	10	2	-8	-6	15	
485	SLU 3	51	4.67	0.12	-0.1	3	2	-4	8	1	
496	SLU 3	26	4.61	0.23	1.72	1	-1	6	14	4	
484	SLU 3	35	4.57	0	0.54	3	-2	-3	8	2	
490	SLU 7	57	4.37	0.13	1.67	0	8	3	-10	-6	
474	SLU 3	12	4.36	0.58	7.28	7	0	-3	8	-14	
316	SLV 1	186	3.97	-0.19	0.98	-3	2	1	-4	9	
478	SLV 9	7	3.95	-1.05	3.51	3	-1	-1	-7	4	
465	SLU 3	61	3.91	-0.88	6.44	9	0	-3	4	12	
308	SLV 7	303	3.73	-1.11	4.68	-3	1	-7	-9	10	
477	SLV 5	17	3.63	-0.23	8.68	-1	-5	2	-38	-34	
489	SLV 15	56	3.62	-0.79	2.09	3	1	5	7	-3	
318	SLV 5	158	3.53	1.05	4.46	-3	-1	-6	-8	-9	
335	SLV 13	220	3.51	0.6	0.51	-5	1	6	23	18	
309	SLV 7	303	3.35	-1.05	1.32	-2	-1	0	-6	-2	
334	SLV 15	250	3.32	-0.38	0.22	-5	-1	4	26	-11	
511	SLV 5	17	3.22	0.88	4.74	0	0	-4	-41	20	
336	SLV 13	220	3.21	-0.5	0.15	-5	7	-2	17	-13	
374	SLU 3	239	3.18	-0.15	3.79	-11	-4	5	29	20	
353	SLU 3	239	3.18	0.04	3.89	-11	3	5	29	-21	
475	SLV 15	13	3.08	0.22	4.03	0	2	3	29	-12	
332	SLV 15	156	3.07	-1.2	0.12	22	-6	-12	-8	4	
292	SLV 1	250	3.05	-0.64	0.66	-1	0	3	-10	21	
314	SLV 5	158	3.05	1.17	1.58	-3	-1	1	-5	4	
463	SLV 11	71	3.05	0.48	-0.04	2	3	-3	-5	13	
311	SLV 13	212	3.03	-0.05	-0.31	-8	4	-2	-41	-7	
513	SLV 15	13	3.02	-0.17	3.86	1	-7	-1	27	16	
333	SLV 15	250	2.96	0.47	0.44	-5	-5	1	17	14	
310	SLV 3	287	2.92	-0.18	0.85	-3	-2	1	-5	-5	
479	SLV 5	9	2.77	-0.84	2.78	8	-2	0	-27	-1	
294	SLV 13	333	2.73	1.04	0.08	22	5	-11	-8	-2	
293	SLV 1	250	2.66	0.62	1.16	-2	-1	-4	-3	-28	
338	SLV 9	186	2.64	0.5	0.83	-5	7	-4	7	-1	
337	SLV 9	186	2.62	0.6	0.31	-6	7	4	7	4	

Shell	Cont.	Nodo	Sollecitazione								
			Mxx	Mxy	Myy	Fxx	Fxy	Fyy	Vx	Vy	
390	SLU 3	259	2.6	0.1	-0.91	0	-1	1	11	-3	
354	SLU 7	238	2.57	-0.32	2.87	-5	6	-9	5	-9	
373	SLU 7	238	2.57	0.16	2.75	-5	-7	-9	6	9	
451	SLU 7	266	2.52	0.38	1.31	0	2	-4	-6	6	
464	SLU 7	69	2.46	-0.71	-0.02	1	0	0	4	10	
389	SLV 11	287	2.39	-0.59	0.63	-6	-6	-3	6	0	
364	SLU 7	230	2.34	-0.25	4.18	0	4	-5	-1	10	
363	SLU 7	230	2.29	0.29	4.21	1	-3	-5	-1	-11	
317	SLV 3	205	2.15	0.11	0.08	-2	5	0	-2	1	
351	SLV 11	171	2.1	-0.82	6.89	-36	0	17	11	18	
307	SLV 7	303	2.08	-0.87	4.51	-3	-3	-7	4	8	
319	SLV 5	158	2.06	0.83	4.31	-3	2	-7	4	-8	
407	SLU 7	209	2.01	-0.95	1.03	-1	-2	-4	-6	-4	
376	SLV 9	316	2	0.52	7.33	-38	0	19	13	-20	
408	SLV 5	206	1.98	0.49	1.54	-5	-1	-1	4	-11	
461	SLV 7	64	1.89	-0.34	3.71	5	1	-3	-4	-10	
452	SLV 7	265	1.88	-0.82	2.61	-2	2	-3	-4	13	
362	SLV 5	206	1.85	0.6	1.39	-4	-1	-7	4	-18	
375	SLV Y	291	1.8	-0.73	-0.68	20	8	27	-6	0	
417	SLU 1	242	1.75	0.06	-0.35	0	0	0	14	4	
512	SLV 15	23	1.7	0.33	1.82	4	-6	3	8	8	
510	SLV 5	24	1.7	0.13	2.28	1	-3	1	-10	7	
377	SLV 9	294	1.68	0.39	1.08	-28	-3	12	-2	-17	
395	SLV 9	294	1.66	1.06	0.44	-32	-19	-7	-2	-6	
406	SLU 7	209	1.64	-0.41	0.85	-1	-2	-4	0	-4	
438	SLU 1	242	1.63	0.2	-0.67	0	0	0	11	-4	
401	SLU 7	199	1.53	0.12	-0.2	-5	8	-6	5	0	
350	SLV 11	175	1.52	-0.58	0.97	-25	3	11	-1	15	
491	SLV 13	62	1.47	-0.18	2.38	8	5	-2	4	-5	
400	SLV 11	177	1.44	-0.92	2.43	-11	8	4	-2	9	
313	SLU 3	208	1.44	0.42	0	0	1	0	-3	0	
476	SLU 7	5	1.41	0.35	-0.63	4	-2	2	2	-11	
516	SLV 5	16	1.4	1.36	4.84	-1	1	-4	-4	10	
394	SLV 9	292	1.39	0.79	2.64	-12	-8	4	-2	-9	
349	SLV 11	177	1.33	-0.82	2.19	-10	1	-3	-2	10	
448	SLV 9	289	1.31	0.59	2.19	7	4	-3	-1	-9	
506	SLV 1	39	1.3	0.24	0.52	-7	0	1	-5	4	
372	SLV 9	273	1.3	1.49	-0.58	-10	-19	2	-4	-4	
378	SLV 9	292	1.29	0.71	2.39	-10	-1	-3	-2	-9	
501	SLV 15	31	1.26	0.17	0.91	0	-4	5	8	5	
352	Port.	196	1.24	0.19	0.01	2	-1	0	7	-2	
355	SLU 7	199	1.23	-0.48	-0.01	-4	7	-8	-3	-7	
508	SLV 1	39	1.2	-0.05	-0.22	-7	0	2	-6	3	
453	SLU 7	285	1.19	0.52	0.28	1	0	-4	-2	0	
514	SLV 15	22	1.12	-0.3	1.43	2	-9	-1	11	3	
405	SLU 7	192	1.12	-0.66	0.32	1	0	-5	-3	0	
383	SLV 9	309	1.09	1.1	6.4	11	2	-7	0	-10	
344	SLV 7	165	1.08	-0.89	6.99	15	-1	-8	0	11	
454	SLV 5	301	1.07	0.79	2.71	8	1	-5	1	-8	
343	SLV 7	164	1.07	-0.93	6.7	14	0	-8	-1	11	
345	SLV 7	166	1.04	-0.87	7.02	15	-1	-8	0	11	
447	SLV 7	269	1.04	-0.95	1.76	-4	-1	-2	2	10	
384	SLV 9	308	1	1.15	5.96	11	2	-7	-1	-9	
342	SLV 7	163	0.99	-1.03	6.04	13	1	-8	-1	9	
382	SLV 1	311	0.98	0.15	3.51	5	-4	-5	-2	-6	
385	SLV 5	301	0.98	0.77	2.59	6	1	-8	1	-8	
396	SLV 7	183	0.97	-0.95	3.04	10	-1	-4	-2	10	
381	SLV 9	311	0.97	0.82	6.69	8	3	-8	2	-10	
402	SLV 11	180	0.96	-0.94	2.99	9	-4	-4	-2	10	
365	SLU 7	265	0.95	-0.53	1.85	5	5	-5	3	7	
450	SLV 5	284	0.95	0.65	0.66	4	1	-1	4	-7	
515	SLV 15	14	0.95	-0.41	3.92	-2	-6	-2	17	13	
449	SLV 5	299	0.94	0.87	3.2	9	2	-4	0	-11	
346	SLV 7	167	0.94	-0.86	6.86	14	0	-7	1	10	
498	SLU 7	59	0.94	-0.15	1.91	2	7	-3	-1	-9	
397	SLV 7	178	0.92	-1	3.08	9	0	-4	-1	9	
380	SLV 9	312	0.92	0.78	6.58	5	2	-8	2	-10	
399	SLV 7	176	0.89	-1.1	2.89	2	4	0	-1	8	
391	SLV 5	296	0.89	0.93	3.3	7	1	-4	-1	-10	
393	SLV 5	295	0.89	1.02	3.04	0	-4	0	-1	-8	
347	SLV 11	167	0.89	-0.83	6.63	7	-2	-8	2	10	
398	SLV 7	179	0.88	-1.05	3.01	7	2	-2	-1	9	
379	SLV 9	313	0.88	0.72	6.32	1	2	-7	-2	-9	
392	SLV 5	297	0.88	0.98	3.23	5	-2	-2	-1	-9	
341	SLV 7	162	0.86	-1.27	5.15	11	1	-8	-2	8	
348	SLV 11	168	0.85	-0.78	6.33	3	-1	-7	2	9	
500	SLV 15	38	0.85	-0.11	0.42	-2	-2	4	7	2	
446	SLV 9	293	0.85	0.9	3.2	6	3	-4	-1	-10	
403	SLV 5	204	0.84	0.86	1.62	-5	1	-2	2	-10	
418	SLV 13	222	0.84	0.16	0.02	-2	2	1	2	-3	
458	SLV 5	263	0.83	1.26	-0.19	-2	2	-3	-4	-3	
416	SLU 1	247	0.83	-0.08	-0.49	0	0	1	6	-2	
436	SLV 15	247	0.82	-0.18	-0.16	-2	-1	1	4	-1	
386	SLV 5	300	0.82	0.99	2.1	6	-1	-8	0	-7	
320	SLU 7	143	0.81	-0.21	0.05	1	-1	0	2	-5	
367	SLV 7	269	0.78	-0.01	1.56	-3	0	-6	2	14	
340	SLV 7	161	0.77	-1.45	4.42	9	2	-8	-2	7	
301	SLV 3	310	0.77	-0.55	2.15	-4	2	-1	-2	4	
300	SLV 3	311	0.77	-0.57	2.09	-3	2	-1	-2	4	
371	SLV 11	236	0.77	-1.35	5.03	-2	3	-7	1	13	
370	SLV 11	235	0.76	-1.31	5.43	-4	1	-7	0	13	
306	SLU 7	320	0.76	0.13	0.04	0	1	0	2	5	
356	SLV 9	236	0.75	1.24	5.05	-2	-3	-7	1	-13	
299	SLV 3	312	0.75	-0.58	2	-2	2	-1	-2	4	
387	SLV 5	306	0.74	1.34	4.45	9	-2	-8	-2	-8	
369	SLV 11	234	0.74	-1.26	5.7	-2	-1	-6	0	14	
440	SLV 5	263	0.73	1.43	-0.44	-2	4	-1	-5	8	
509	SLV 1	32	0.72	-0.14	0.59	-4	-1	0	-5	1	
368	SLV 11	233	0.72	-1.17	5.86	-1	-1	-6	-1	13	

Shell	Cont.	Nodo	Sollecitazione								
			Mxx	Mxy	Myy	Fxx	Fxy	Fyy	Vx	Vy	
331	SLV 10	171	0.72	0.68	1.66	-25	-3	13	-1	-3	
357	SLV 9	235	0.72	1.2	5.39	-5	-1	-7	0	-13	
302	SLV 3	309	0.71	-0.46	2.13	-5	2	-1	-2	4	
361	SLV 5	204	0.71	0.54	1.41	-4	0	-5	2	-14	
298	SLV 3	313	0.71	-0.59	1.89	-1	2	-1	-2	3	
366	SLV 7	232	0.71	-1.15	5.97	0	0	-6	-2	14	
358	SLV 9	234	0.7	1.15	5.6	-3	1	-7	0	-14	
423	SLV 13	207	0.7	0.12	-0.13	-2	1	2	3	1	
359	SLV 9	233	0.69	1.06	5.71	-2	1	-6	-1	-13	
295	SLV 3	315	0.68	-0.44	1.35	-6	-1	0	0	3	
326	SLV 1	166	0.68	0.45	2.04	-3	-2	-1	-2	-4	
413	SLV 7	211	0.68	-1.48	-0.09	-1	-3	-5	-5	3	
325	SLV 1	165	0.67	0.43	2.11	-4	-2	-1	-2	-4	
327	SLV 1	167	0.67	0.47	1.94	-3	-2	-1	-2	-4	
323	SLV 1	163	0.66	0.24	2.09	-6	-2	-1	-2	-4	
339	SLV 7	160	0.66	-1.31	3.62	6	0	-6	-2	6	
297	SLV 3	314	0.65	-0.6	1.77	-1	2	-1	-1	3	
324	SLV 1	164	0.65	0.37	2.12	-5	-2	-1	-2	-4	
388	SLV 5	305	0.65	1.17	3.55	6	-1	-6	-3	-6	
303	SLV 3	308	0.64	-0.33	2.13	-6	2	-1	-2	4	
322	SLV 1	162	0.64	0.04	2.12	-7	-2	-1	-2	-4	
328	SLV 1	168	0.64	0.48	1.82	-2	-2	-1	-2	-3	
296	SLV 3	315	0.63	-0.61	1.73	-1	1	-3	-1	3	
360	SLV 9	232	0.62	0.98	5.88	0	1	-6	-1	-14	
329	SLV 1	169	0.59	0.5	1.69	-2	-1	-1	-1	-3	
435	SLV 15	261	0.58	-0.11	-0.14	-2	-1	2	2	0	
412	SLV Y	215	0.57	-0.19	0.26	2	-3	0	-1	2	
330	SLV 1	170	0.57	0.55	1.65	-3	-1	-3	-1	-3	
422	SLV 13	217	0.56	0.02	-0.18	-2	2	1	3	0	
304	SLV 3	307	0.56	-0.14	2.18	-7	2	-1	-2	4	
415	SLV 7	211	0.55	-1.79	-0.2	-3	-4	-2	-8	-8	
460	SLV 1	16	0.55	0.41	3.42	-7	0	-3	-5	10	
420	SLV 15	207	0.52	0.18	-0.21	-1	-2	2	2	2	
321	SLV 3	161	0.51	-0.68	1.22	-1	-2	0	-2	-2	
421	SLV X	193	0.49	0.05	0.2	3	-2	0	2	-2	
425	SLV X	214	0.49	0.09	0.2	1	-1	0	0	0	
419	SLV X	214	0.49	0.1	0.16	2	-1	1	0	-1	
426	SLV X	218	0.49	0.04	0.22	2	0	1	1	1	

Sollecitazioni con momento Myy minimo

Vengono mostrati i soli 200 gusci più sollecitati.

Shell	Cont.	Nodo	Sollecitazione								
			Mxx	Mxy	Myy	Fxx	Fxy	Fyy	Vx	Vy	
351	SLV 5	172	-1.26	1.67	-6.26	-27	-2	49	2	-15	
376	SLV Y	317	-0.5	-1.04	-6.05	-7	7	46	-2	17	
332	SLV 7	172	-4.42	-1.67	-4.93	-21	-1	16	13	11	
381	SLV Y	311	-0.61	-0.61	-4.47	-9	-1	2	-1	6	
362	SLV Y	230	-0.68	-0.68	-4.47	1	-1	4	0	11	
382	SLV Y	311	-0.52	-0.62	-4.47	-11	-1	2	-1	6	
380	SLV Y	312	-0.58	-0.62	-4.44	-9	-1	2	-1	6	
383	SLV Y	310	-0.49	-0.66	-4.37	-11	0	3	-1	6	
379	SLV Y	313	-0.58	-0.63	-4.31	-8	0	1	-1	6	
363	SLV Y	230	-0.2	-1.05	-4.28	2	-1	5	2	10	
361	SLV Y	232	-0.37	-0.7	-4.25	1	-1	3	0	9	
360	SLV Y	232	-0.37	-0.7	-4.25	1	-1	3	1	9	
384	SLV Y	309	-0.39	-0.77	-4.24	-11	0	2	0	7	
359	SLV Y	233	-0.41	-0.75	-4.15	1	-1	3	1	9	
294	SLV 5	317	-4.1	1.42	-4.13	-24	1	16	11	-9	
358	SLV Y	234	-0.4	-0.82	-4.11	2	0	3	1	9	
378	SLV Y	314	-0.55	-0.66	-4.06	-6	0	-1	-1	5	
357	SLV Y	235	-0.39	-0.87	-4.03	2	1	3	1	9	
352	SLV 15	174	-8.68	0.26	-3.95	-25	9	-7	20	-6	
356	SLV Y	236	-0.39	-0.88	-3.94	-1	3	3	1	9	
346	SLV 9	166	-0.53	0.96	-3.82	-18	0	1	1	-4	
375	SLV 15	291	-7.15	-0.93	-3.81	-11	-4	13	15	6	
377	SLV Y	315	-0.62	-0.62	-3.8	-2	2	3	-1	5	
347	SLV 9	167	-0.54	1.04	-3.79	-20	-1	0	1	-3	
385	SLV Y	308	-0.37	-0.74	-3.75	-11	0	2	0	5	
345	SLV 9	165	-0.53	0.9	-3.75	-16	0	1	1	-4	
354	SLV Y	238	-0.41	-0.86	-3.74	-1	11	5	-1	10	
355	SLV Y	237	-0.38	-0.93	-3.72	2	6	3	1	9	
348	SLV 9	168	-0.56	1.13	-3.69	-21	-1	-1	0	-3	
344	SLV 9	165	-0.73	0.9	-3.66	-14	-1	2	0	-4	
481	SLV Y	18	-2.41	0.22	-3.59	-2	-1	5	-5	8	
343	SLV 9	164	-0.67	0.84	-3.53	-13	0	2	1	-4	
480	SLV Y	18	-1.79	-0.08	-3.52	-2	2	5	4	8	
404	SLV Y	229	-0.28	-1.62	-3.52	1	1	-2	2	16	
349	SLV 5	169	-0.66	1.2	-3.45	-16	2	-2	-1	-3	
477	SLV Y	17	-1.75	-0.28	-3.44	2	2	-1	18	15	
364	SLV 9	230	0.13	0.96	-3.34	1	4	2	1	-8	
365	SLV 9	230	0	0.6	-3.28	3	3	3	0	-7	
342	SLV 9	163	-0.57	0.72	-3.27	-12	-1	2	1	-4	
386	SLV Y	307	-0.43	-0.63	-3.13	-11	0	3	1	4	
350	SLV 5	170	-0.68	1.3	-3.1	-15	-1	4	-1	-1	
367	SLV 9	233	-0.45	1	-3.06	1	2	-1	1	-7	
366	SLV 9	232	-0.45	0.94	-3.04	1	2	0	1	-7	
374	SLV 13	274	-1.25	0.74	-3.02	-6	-11	-6	12	13	
368	SLV 9	234	-0.49	1.09	-3	1	1	-1	1	-7	
373	SLV 13	274	-1.45	0.64	-2.98	-10	-14	-6	4	14	
369	SLV 5	235	-0.36	1.15	-2.97	2	1	-1	0	-7	
401	SLV 9	175	-0.91	1.69	-2.96	-8	-4	-3	2	-7	
370	SLV 5	236	-0.41	1.21	-2.95	2	-3	-1	1	-8	
353	SLV 15	196	-1.4	-0.89	-2.85	-5	10	-5	11	-14	
371	SLV 9	237	-0.67	1.26	-2.82	-2	-7	0	1	-7	
395	SLV 11	294	-0.78	-1.79	-2.71	-3	5	-2	1	6	
392	SLV 11	296	-0.33	-1.09	-2.65	-11	1	-3	0	-9	
393	SLV 11	297	-0.34	-1.22	-2.65	-11	1	-5	0	8	
372	SLV 5	237	0.06	1.35	-2.63	-3	-10	-2	1	-7	

Shell	Cont.	Nodo	Sollecitazione										
			Ind	N.br.	Ind	Mxx	Mxy	Myy	Fxx	Fxy	Fyy	Vx	Vy
394	SLV 11	295				-0.29	-1.42	-2.61	-10	4	-4	0	8
454	SLV 7	299				-0.15	-0.95	-2.6	-8	-3	0	1	8
400	SLV 9	176				-0.28	1.3	-2.58	-13	-4	-4	0	-8
398	SLV 9	178				-0.33	0.95	-2.57	-13	-1	-3	0	-9
399	SLV 9	179				-0.35	1.09	-2.56	-14	-2	-5	0	-9
391	SLV 11	296				-0.61	-1.07	-2.56	-10	0	-3	0	9
341	SLV 9	162				-0.46	0.52	-2.54	-11	0	2	1	-2
335	SLV 3	228				2.13	-0.54	-2.54	1	-1	-8	16	34
473	SLV Y	12				-1.6	-0.66	-2.51	2	1	2	4	5
397	SLV 9	178				-0.64	0.93	-2.49	-12	-1	-3	0	-9
446	SLV 11	293				-0.61	-0.95	-2.47	-9	0	-3	0	9
396	SLV 9	180				-0.27	0.74	-2.43	-11	0	-3	0	-9
479	SLV Y	16				-0.39	-0.41	-2.43	3	2	-1	4	6
474	SLV Y	12				-0.72	-0.45	-2.43	0	0	2	-2	5
312	SLV 3	228				1.63	-0.93	-2.41	-2	2	-3	1	44
402	SLV 9	180				-0.63	0.73	-2.35	-10	0	-2	0	-9
439	SLV 9	229				1.34	1.43	-2.34	-4	2	-3	-6	-10
449	SLV 11	299				-0.54	-0.88	-2.32	-8	0	-1	1	9
447	SLV 11	290				-0.61	-0.83	-2.25	-8	-1	-2	0	10
453	SLV 7	301				-0.08	-0.23	-2.24	-9	-1	0	-1	5
403	SLV 9	182				-0.59	0.62	-2.18	-8	0	-2	0	-9
331	SLV Y	171				-0.08	-0.53	-2.18	4	4	-12	0	4
330	SLV Y	170				-0.16	-0.69	-2.17	9	0	6	0	4
387	SLV Y	306				-0.45	-0.57	-2.14	-9	0	3	1	2
408	SLV 5	185				0.26	-0.26	-2.05	-10	1	-2	0	-10
329	SLV Y	169				-0.09	-0.67	-2.02	11	1	2	0	4
475	SLV Y	13				0.48	-0.57	-1.97	0	0	1	-1	2
328	SLV Y	168				-0.07	-0.67	-1.97	12	0	3	0	4
515	SLV Y	15				0.45	-0.52	-1.93	-1	-1	0	1	-5
327	SLV Y	167				-0.04	-0.67	-1.93	12	0	2	0	3
460	SLV Y	15				-0.06	-0.83	-1.91	4	-2	0	0	-6
326	SLV Y	166				-0.03	-0.68	-1.89	12	0	2	0	3
409	SLV 5	173				-0.75	-0.41	-1.89	-7	3	1	1	-3
448	SLV 11	289				-1.07	-0.61	-1.87	-6	0	-3	1	9
325	SLV Y	165				-0.02	-0.68	-1.85	12	0	2	0	3
324	SLV Y	164				-0.02	-0.69	-1.81	11	0	2	0	3
482	SLV Y	19				0	0.4	-1.8	-2	-3	2	-4	-3
293	SLV 3	227				-0.1	-1.14	-1.79	-2	-2	-2	-3	-20
323	SLV Y	163				-0.05	-0.68	-1.77	11	0	2	0	3
322	SLV Y	161				-0.02	-0.66	-1.76	10	0	1	0	3
321	SLV Y	161				0.08	-0.69	-1.75	9	0	1	0	3
476	SLV Y	15				0.47	-0.21	-1.73	-2	0	0	0	0
296	SLV 5	315				-0.3	0.75	-1.69	2	1	9	0	-3
405	SLV 5	173				-0.54	-0.12	-1.68	-9	2	0	-1	-5
295	SLV 5	315				0.19	0.62	-1.63	-9	-1	7	0	-2
406	SLV 5	185				-0.74	-0.4	-1.59	-7	1	-3	-1	-9
455	SLV 11	300				-0.59	0.22	-1.58	-7	-1	1	0	2
320	SLV Y	160				0.19	-0.7	-1.56	6	-2	0	-1	3
297	SLV 9	314				-0.55	0.8	-1.56	3	-3	3	1	-3
507	SLV Y	17				-0.51	-0.49	-1.55	-3	1	-2	2	-5
340	SLV 5	173				-0.7	0.07	-1.55	-9	4	3	1	3
516	SLV Y	16				-0.55	-0.81	-1.52	0	-2	1	2	-3
511	SLV Y	16				-0.07	-0.84	-1.51	0	-1	1	16	-7
318	SLV Y	158				-1.08	-0.54	-1.46	0	0	5	3	3
319	SLV Y	158				-0.91	-0.55	-1.44	1	-2	5	-2	3
452	SLV 9	265				-0.39	0.71	-1.4	2	2	-1	2	-8
450	SLV 9	265				0.06	0.65	-1.39	3	4	-2	0	-8
298	SLV 9	313				-0.52	0.89	-1.37	8	-2	4	1	-2
292	SLV 11	227				0.01	-0.86	-1.37	0	0	0	-2	8
337	SLV 5	212				1.61	0.38	-1.36	-4	5	6	6	2
311	SLV 1	212				-0.77	1.13	-1.36	5	1	-4	65	-35
420	SLV 5	207				0.46	-1.29	-1.29	-3	7	0	3	3
390	SLV 7	259				1.67	-0.46	-1.29	-2	-4	2	7	-3
501	SLU 3	38				0.16	-0.09	-1.29	-3	-1	4	7	5
316	SLV 5	212				1.45	0.82	-1.27	-11	-2	3	-9	4
334	SLU 3	228				1.98	0.31	-1.26	1	0	-1	8	-21
428	SLV 7	261				-0.15	-0.52	-1.26	-2	-7	1	3	-2
513	SLV Y	14				0.59	-0.15	-1.25	-1	-2	1	-2	-1
500	SLU 3	47				-0.28	-0.26	-1.24	-2	0	4	5	3
299	SLV 9	312				-0.37	0.96	-1.24	11	-2	3	1	-2
494	SLU 3	38				0.03	0.4	-1.22	-2	-1	4	17	3
336	SLV 5	212				1.71	0.38	-1.21	0	5	-7	5	-15
499	SLU 3	45				-1.43	0.14	-1.17	-2	1	3	2	-4
300	SLV 9	311				-0.3	1.04	-1.16	13	-2	3	1	-2
429	SLU 1	262				-0.72	-0.12	-1.16	0	-1	1	2	-3
493	SLU 3	47				-0.2	0.07	-1.15	-2	0	4	14	2
478	SLV Y	7				-1.46	0.17	-1.13	-2	0	1	3	-1
339	SLV 9	181				-0.91	0.52	-1.12	-5	2	4	2	4
459	SLV 7	282				-1.26	0.05	-1.12	-6	-3	-1	0	1
483	SLV Y	28				-0.01	0.23	-1.12	0	-3	0	-2	-3
313	SLU 7	227				0.45	-0.09	-1.1	1	1	0	-2	1
333	SLV 7	259				1.75	-0.54	-1.1	-1	-5	-2	6	9
506	SLU 3	45				-1.44	0.11	-1.08	-4	1	2	-6	-1
310	SLV 7	259				1.35	-0.59	-1.08	-2	1	3	0	-4
421	SLV 5	181				-1.17	0.23	-1.07	-6	5	1	2	0
419	SLV 5	193				-0.98	0.04	-1.07	-5	5	0	0	-2
427	SLV 7	282				-1.19	-0.13	-1.07	-5	-5	1	1	-1
301	SLV 9	310				-0.23	1.09	-1.06	14	-2	2	1	-2
425	SLV 5	214				-1.15	0.08	-1.06	-3	5	-1	1	-1
472	SLV Y	12				-1.45	-0.62	-1.05	2	0	-1	3	-2
388	SLV Y	305				-0.47	-0.55	-1.04	-7	-1	2	2	0
496	SLV Y	13				0.07	-0.24	-1.04	0	-4	-1	-1	-3
308	SLV X	303				-0.78	0.14	-1.02	3	-1	-1	2	-2
442	SLV 7	268				-1.14	-0.02	-0.98	-5	-4	0	-1	1
302	SLV 9	309				-0.29	1.14	-0.96	13	-2	2	1	-2
307	SLV X	303				-0.17	0.04	-0.95	4	0	0	0	-2
433	SLV 7	262				-0.89	-0.27	-0.95	-4	-5	-1	1	1
512	SLU 3	31				0.7	0.11	-0.95	0	-1	4	8	9
451	SLV 9	266				0.22	0.77	-0.94	3	1	-3	1	-6

Shell	Cont.	Nodo	Sollecitazione										
			Ind	N.br.	Ind	Mxx	Mxy	Myy	Fxx	Fxy	Fyy	Vx	Vy
438	SLV 7	242				0.76	-0.3	-0.93	-3	-8	-4	8	-3
414	Pesi	244				-0.91	-0.08	-0.93	-3	0	0	0	0
411	SLU 1	224				-1	0	-0.93	0	0	1	1	1
412	Pesi	215				-0.79	-0.12	-0.93	-3	0	0	0	1
457	SLV 7	276				-1.13	0.41	-0.92	-6	-3	0	-4	-4
303	SLV 9	308				-0.2	1.16	-0.92	13	-2	2	1	-2
432	SLU 1	224				-1.07	-0.02	-0.92	0	0	1	3	0
426	SLU 1	224				-1.05	-0.02	-0.92	0	0	1	3	1
430	SLU 1	256				-1.14	-0.04	-0.92	0	0	1	1	-1
441	SLU 1	245				-1.21	-0.01	-0.9	0	0	1	0	0
431	SLU 1	224				-1.01	0	-0.9	0	0	1	1	0
445	Pesi	246				-0.82	-0.04	-0.9	-3	0	1	0	0
435	SLU 1	251				-0.4	-0.17	-0.9	0	0	1	3	-3
410	Pesi	246				-0.84	-0.05	-0.9	-3	0	1	0	0
443	Pesi	246				-0.84	-0.05	-0.9	-3	0	1	0	0
444	Pesi	257				-0.77	-0.08	-0.9	-3	0	1	1	-1
437	SLV 3	254				-0.5	-0.04	-0.89	-2	-2	-1	3	3
434	SLU 1	248				-0.67	-0.1	-0.88	0	0	1	4	3
508	SLU 3	45				-1.48	0.16	-0.88	-6	-1	3	-5	1
415	Pesi	244				-0.82	-0.09	-0.87	-4	0	1	0	1
503	SLU 3	39				0.06	-0.23	-0.87	-7	-1	1	-17	2
304	SLV 9	307				0.02	1.2	-0.87	12	-1	2	0	-2
440	Pesi	244				-0.84	-0.02	-0.87	-4	0	0	0	-1
424	SLU 1	223				-0.72	-0.03	-0.86	0	0	1	4	1
456	Pesi	264				-0.75	-0.02	-0.85	-3	1	0	0	-1
458	SLV 7	281				-0.73	0.5	-0.84	-8	-1	-2	-3	4
407	SLV 5	191				-0.92	-0.74	-0.83	-7	-1	1	-6	-7
413	Pesi	211				-0.62	-0.19	-0.83	-4	-1	0	-1	1
423	SLU 1	216				-0.3	0.14	-0.81	0	0	1	5	2
338	SLV X	159				-0.2	0.12	-0.81	5	-2	0	0	-2
389	SLV X	304				-0.2	-0.11	-0.8	5	2	0	0	2
505	SLV Y	24				-0.26	-0.38	-0.78	-1	0	-1	2	-2
510	SLV Y	24				-0.47	-0.31	-0.78	-1	-1	-1	2	-3
504	SLV 15	46				0.24	0.09	-0.77	-6	2	-3	-5	-9
436	SLV 7	261				0.1	-0.3	-0.76	-2	-6	1	3	0
422	SLU 1	226				-0.27	0	-0.75	0	0	1	4	1
418	SLV 1	217				-0.41	0.07	-0.73	-1	3	0	8	1
495	SLU 3	31				0.47	0.65	-0.72	-1	-1	3	14	7
305	SLV 9	306				0.12	1.24	-0.72	12	1	2	0	-1
416	SLV 1	217				-0.38	0.13	-0.71	-2	2	-1	5	-2
417	SLV 3	247				-0.05	-0.19	-0.71	-1	-2	-2	9	2
502	SLV 13	46				0.87	-0.15	-0.7	-5	2	-3	-6	1
497	SLV 13	51				2.85	-0.2	-0.7	-6	4	-6	-9	-2
514	SLV Y	20				-0.04	-0.54	-0.62	-2	-3	1	1	-1
317	SLV 5	208				1.18	1.02	-0.58	1	-5	2	-4	2
492	SLV 7	47				-0.21	-0.58	-0.57	-1	-6	-1	8	-3

Sollecitazioni con momento Myy massimo

Vengono mostrati i soli 200 gusci più sollecitati.

Shell	Cont.	Nodo	Sollecitazione										
			Ind	N.br.	Ind	Mxx	Mxy	Myy	Fxx	Fxy	Fyy	Vx	Vy
351	SLV 11	172				-4.56	-1.36	12.29	-53	15	-70	12	43
376	SLV 9	317				-3.41	1.33	11.18	-46	-17	-75	12	-40
481	SLV 9	18				8.77	-0.83	10.17	-3	1	-8	18	-23
480	SLV 9	18				5.52	-0.31	9.93	5	-2	-6	-12	-22
488	SLV 11	65				8.1	0.79	9.06	-3	-2	-7	17	18
477	SLV 9	17				2.62	-0.39	8.83	1	-3	1	-29	-31
462	SLV 11	65				4.66	0.57	8.7	8	1	-7	-4	16
473	SLV 9	12				7.19	1.43	8.51	-2	-2	-6	-16	-17
474	SLV 9	12				4.12	0.92	8.33	5	0	-6	9	-16
463	SLV 11	64				1.92	-0.08	8.11	6	2	-2	-5	13
332	SLV 9	172				-1.66	0.93	8.08	-60	-7	-45	2	-14
294	SLV 11	317				-0.96	-1.05	8.05	-51	5	-42	1	14
439	SLV 7	229				4.88	-1.85	7.95	-10	4	2	-26	42
364	SLV 7	230				2.3	-1.22	7.65	-3	2	-8	-2	20
466	SLV 11	61				6.63	-1.32	7.63	-2	2	-6	-14	16
465	SLV 11	61				3.59	-1.21	7.31	7	-1	-6	3	14
365	SLV 7	230				0.42	-0.77	7.24	2	1	-7	1	17
377	SLV 9	316				1.39	0.04	7.22	-19	-1	11	1	-17
464	SLV 11	62				1.2	-0.82	7.09	6	0	0	0	12
362	SLV 5	230				0.99	1.21	7.08	1	-1	-7	-1	-17
345	SLV 7	166				1.04	-0.87	7.02	15	-1	-8	0	11
344	SLV 7	165				1.08	-0.89	6.99	15	-1	-8	0	11
382	SLV 5	311				0.92	0.83	6.92	14	0	-8	0	-10
363	SLV 5	230				1.59	1.5	6.91	-3	-1	-8	-3	-19
404	SLV 5	229				3.96	1.89	6.87	-12	-3	2	-23	-32
346	SLV 7	166				0.69	-0.83	6.87	14	0	-8	1	11
381	SLV 5	311				0.73	0.8	6.8	12	0	-8	1	-11
383	SLV 5	310				0.92	0.94	6.75	15	-1	-8	0	-10
350	SLV 11	171				1.51	-0.17	6.74	-17	1	10	0	15
347	SLV 7	167				0.7	-0.83	6.72	12	0	-8	1	10
343	SLV 7	164				1.07	-0.93	6.7	14	0	-8	-1	11
380	SLV 5	312				0.71	0.78	6.68	10	0	-8	1	-10
475	SLV 9	13				0.87	1.19	6.58	1	0	1	17	-12
479	SLV 9	16				-0.28	0.4	6.45	-2	-3	-3	5	-9
384	SLV 5	309				0.76	1.11	6.43	14	-1	-7	-1	-10
348	SLV 7	168				0.71	-0.81	6.38	8	1	-7	1	9
379	SLV 5	313				0.73	0.76	6.38	6	-1	-7	1	-9
366	SLV 7	231				0.33	-0.96	6.28	1	0	-6	-1	14
349	SLV 11	170				0.18	-0.38	6.09	-4	-2	-3	3	9
367	SLV 7	232				0.59	-1.17	6.07	1	0	-6	-2	13
361	SLV 5	231				0.54	0.99	6.07	1	0	-5	-2	-13
378	SLV 9	315				0.11	0.31	6.06	-6	1	-3	3	-9
342	SLV 7	163				0.99	-1.03	6.04	13	1	-8	-1	9
360	SLV 5	232				0.46	1.03	5.99	0	0	-6	-2	-14
460	SLV 9	15				0.34	1.19	5.95	-2	-1	-3	14	18
515	SLV 9	15				-1.25	0.64	5.9	2	-1	-3	6	12
368	SLV 11	233				0.72	-1.17	5.86	-1	-1	-6	-1	13

Shell	Cont.	Nodo	Sollecitazione								
			Mxx	Mxy	Myy	Fxx	Fxy	Fyy	Vx	Vy	
385	SLV 5	308	0.69	1.19	5.83	14	-2	-7	-2	-9	
359	SLV 9	233	0.69	1.06	5.71	-2	1	-6	-1	-13	
369	SLV 11	234	0.74	-1.26	5.7	-2	-1	-6	0	14	
476	SLV 9	14	-0.37	1.06	5.68	2	0	0	6	-3	
358	SLV 9	234	0.7	1.15	5.6	-3	1	-7	0	-14	
370	SLV 11	235	0.76	-1.31	5.43	-4	1	-7	0	13	
357	SLV 9	235	0.72	1.2	5.39	-5	-1	-7	0	-13	
482	SLV 9	18	8.27	-0.55	5.28	-3	0	3	15	8	
386	SLV 5	307	0.78	1.27	5.16	12	-2	-8	-2	-9	
341	SLV 7	162	0.86	-1.27	5.15	11	1	-8	-2	8	
507	SLV 9	17	0.74	0.92	5.15	7	-8	0	-6	18	
487	SLV 11	65	7.69	0.66	5.09	-3	1	3	14	-7	
513	SLV 9	14	-0.95	-0.21	5.08	4	1	-4	15	10	
356	SLV 9	236	0.75	1.24	5.05	-2	-3	-7	1	-13	
371	SLV 11	236	0.77	-1.35	5.03	-2	3	-7	1	13	
511	SLV 9	16	-0.83	1.5	5.01	3	-1	-5	-28	16	
516	SLV 9	16	1.11	1.45	4.95	0	-2	-4	0	8	
354	SLV 9	238	1.75	1.24	4.95	-4	-10	-10	5	-16	
496	SLV 9	13	0.62	0.02	4.78	6	5	0	4	16	
491	SLV 11	63	1.22	-0.66	4.72	5	1	-7	1	-12	
490	SLV 11	65	4.29	0.43	4.7	9	4	6	-6	-8	
355	SLV 9	238	0.41	1.36	4.69	-5	-8	-11	0	-15	
308	SLV 7	303	3.73	-1.11	4.68	-3	1	-7	-9	10	
373	SLV 11	238	1.66	-1.38	4.67	-2	10	-9	5	15	
295	SLV 11	316	0.37	-1.33	4.59	-18	6	22	-1	8	
307	SLV 7	303	2.08	-0.87	4.51	-3	-3	-7	4	8	
372	SLV 11	237	0.96	-1.38	4.48	-2	5	-8	0	12	
318	SLV 5	158	3.53	1.05	4.46	-3	-1	-6	-8	-9	
387	SLV 5	306	0.74	1.34	4.45	9	-2	-8	-2	-8	
340	SLV 7	161	0.77	-1.45	4.42	9	2	-8	-2	7	
331	SLV 9	171	0.49	1.28	4.37	-23	-7	23	-1	-8	
319	SLV 5	158	2.06	0.83	4.31	-3	2	-7	4	-8	
461	SLV 11	64	1.56	-0.4	4.21	6	4	-2	-3	-11	
353	SLV 7	239	2.57	0.07	4.09	-15	4	-2	32	-22	
472	SLV 5	12	6.7	1.27	4.02	-6	0	3	-12	7	
374	SLV 7	239	2.58	-0.2	3.98	-15	-5	-2	32	21	
467	SLV 11	61	6.24	-1.35	3.92	-2	0	4	-12	-5	
296	SLV 11	315	0.05	-1.36	3.81	-17	-2	-8	1	7	
330	SLV 9	170	-0.06	1.25	3.77	-21	2	-7	1	-7	
306	SLV 7	304	0.06	-0.9	3.66	-10	-2	-1	1	6	
305	SLV 7	306	0.09	-0.72	3.64	-13	0	-2	-1	7	
320	SLV 5	160	-0.14	0.78	3.63	-9	1	0	0	-6	
321	SLV 5	160	-0.23	0.69	3.62	-12	0	0	-1	-7	
339	SLV 7	160	0.66	-1.31	3.62	6	0	-6	-2	6	
304	SLV 7	306	-0.04	-0.73	3.62	-13	2	-2	-1	7	
322	SLV 5	161	-0.12	0.66	3.59	-13	-1	-2	-1	-7	
300	SLV 7	311	0.4	-1.26	3.58	-13	1	-3	-1	7	
489	SLV 7	61	2.78	-1.21	3.56	5	-4	3	2	-6	
301	SLV 7	310	0.42	-1.22	3.56	-12	2	-3	-1	7	
388	SLV 5	305	0.65	1.17	3.55	6	-1	-6	-3	-6	
299	SLV 7	312	0.37	-1.27	3.54	-13	1	-3	0	6	
297	SLV 7	314	0.36	-1.33	3.51	-13	1	-3	0	6	
478	SLV 9	7	3.95	-1.05	3.51	3	-1	-1	-7	4	
298	SLV 7	313	0.37	-1.31	3.5	-13	1	-4	0	6	
325	SLV 5	165	0.3	1.06	3.5	-14	-1	-3	-1	-6	
326	SLV 5	166	0.29	1.09	3.5	-15	-1	-3	-1	-6	
327	SLV 5	167	0.27	1.13	3.47	-15	-1	-3	0	-6	
324	SLV 5	164	0.3	1	3.46	-14	-1	-3	-1	-6	
328	SLV 5	167	0.05	1.15	3.45	-15	0	-3	0	-6	
302	SLV 7	309	0.48	-1.11	3.44	-12	2	-3	-1	6	
303	SLV 7	308	0.42	-0.97	3.43	-12	2	-3	-1	6	
329	SLV 5	169	0.25	1.21	3.43	-16	-1	-3	0	-6	
323	SLV 5	163	0.35	0.89	3.39	-13	-1	-3	-1	-6	
391	SLV 5	296	0.89	0.93	3.3	7	1	-4	-1	-10	
446	SLV 5	293	0.85	0.86	3.25	9	2	-4	-1	-10	
392	SLV 5	297	0.88	0.98	3.23	5	-2	-2	-1	-9	
449	SLV 5	299	0.94	0.87	3.2	9	2	-4	0	-11	
397	SLV 7	178	0.92	-1	3.08	9	0	-4	-1	9	
447	SLV 5	290	0.64	0.72	3.06	8	2	-4	0	-10	
393	SLV 5	295	0.89	1.02	3.04	0	-4	0	-1	-8	
396	SLV 7	183	0.97	-0.95	3.04	10	-1	-4	-2	10	
402	SLV 7	180	0.94	-0.87	3.01	10	-2	-4	-1	10	
398	SLV 7	179	0.88	-1.05	3.01	7	2	-2	-1	9	
454	SLV 9	299	-0.08	1.06	2.94	8	4	-5	0	-10	
399	SLV 7	176	0.89	-1.1	2.89	2	4	0	-1	8	
394	SLV 5	295	-0.05	0.91	2.83	-5	-7	-2	-2	-8	
483	SLV 9	28	0.02	-0.66	2.83	-1	-1	-8	10	7	
403	SLV 7	182	0.77	-0.75	2.8	10	-2	-4	-1	9	
400	SLV 7	176	-0.04	-0.99	2.68	-2	7	-2	-2	8	
338	SLV 3	159	0.62	-0.39	2.67	-4	2	-2	0	6	
389	SLV 1	304	0.59	0.3	2.63	-4	-2	-2	0	-6	
452	SLV 7	265	1.88	-0.82	2.61	-2	2	-3	-4	13	
486	SLV 11	58	0	0.75	2.59	-2	2	-8	11	-6	
453	SLV 9	301	0.05	0.88	2.51	9	2	-5	0	-7	
450	SLV 7	265	0.69	-0.89	2.51	-3	0	-4	1	12	
408	SLV 7	184	0.59	-0.61	2.47	8	-2	-3	1	9	
415	SLV 7	243	-0.47	-0.33	2.46	-5	0	-1	-5	-4	
512	SLV 9	23	1.15	0.94	2.46	3	3	1	8	10	
395	SLV 5	292	0.38	0.73	2.46	-18	-10	5	-1	-9	
448	SLV 7	267	0.56	-1	2.45	-3	0	-4	2	11	
440	SLV 7	243	-0.39	0.53	2.4	-5	1	-2	-4	5	
510	SLV 9	24	1.47	0.23	2.36	1	-5	0	-11	7	
401	SLV 7	177	0.44	-0.89	2.28	-15	10	5	-1	8	
495	SLV 9	23	-0.04	0.88	2.27	2	6	3	10	7	
504	SLV 7	51	5.37	-0.22	2.26	-13	2	-5	-15	0	
505	SLV 9	24	0.47	0.25	2.24	0	-6	1	-12	6	
514	SLV 9	20	-0.1	0.8	2.22	3	-1	-4	4	3	
497	SLV 11	59	0.03	-0.36	2.18	3	6	0	-7	-8	
468	SLV 7	55	-0.01	-0.7	2.16	-2	0	7	-11	-5	

Shell	Cont.	Nodo	Sollecitazione										
			Ind	N.br.	Ind	Mxx	Mxy	Myy	Fxx	Fxy	Fyy	Vx	Vy
455	SLV 5	300				0.09	0.76	2.04	6	1	-6	0	-6
405	SLV 11	173				0.54	-1.04	2.02	8	-2	-5	0	6
498	SLV 11	59				0.9	-0.81	2.02	3	4	-1	0	-9
471	SLV 7	25				0.02	0.58	2.01	-2	0	6	-10	4
409	SLV 11	173				0.11	-0.65	1.95	7	-3	-6	-1	6
314	SLV 7	157				0	0.53	1.95	-2	0	2	-5	2
312	SLV 7	220				4.21	-1.1	1.87	5	6	-9	-37	47
309	SLV 7	303				2.96	-0.42	1.81	-3	-1	3	-5	-3
451	SLV 7	266				2.31	-0.34	1.78	-6	2	-2	-8	12
311	SLV 7	220				2.25	0.16	1.58	5	1	18	21	-29
316	SLV 7	186				2.83	-0.97	1.57	-11	5	-8	-5	5
293	SLV 5	250				2.17	0.76	1.55	-1	0	-8	-2	-30
406	SLV 5	206				0.54	0.48	1.55	-4	-2	1	-2	-9
335	SLV 11	220				1.51	-0.73	1.55	-4	-11	-18	8	40
336	SLV 7	220				0.9	0.23	1.53	-8	-8	29	1	-14
315	SLV 7	190				1.51	-0.52	1.5	0	10	-6	-17	-6
352	SLV Y	175				0.66	-0.86	1.5	-15	13	-4	6	5
427	SLV 5	298				-0.27	0.52	1.39	4	1	-3	1	-4
337	SLV 7	186				-0.21	-0.42	1.35	4	-5	-4	1	3
334	SLV 5	250				0.71	0.74	1.33	-1	7	-9	1	-27
421	SLV 11	181				-0.14	-0.61	1.31	5	-3	-3	0	3
310	SLV 5	287				1.78	0.7	1.28	-2	-3	-5	-4	-3
494	SLV 11	34				3.91	-0.66	1.28	-1	-6	2	11	3
492	SLV 7	56				3.42	-0.36	1.23	3	0	5	8	-2
470	SLV 11	34				3.68	-0.76	1.23	-1	1	3	-7	4
390	SLV 5	287				-0.3	0.31	1.23	3	3	-4	0	-2
493	SLV 15	41				5.44	-0.51	1.08	-2	-2	5	16	0
407	SLV 7	211				0.39	-1.05	1.04	-2	-2	-4	-6	-4
292	SLV 5	250				2.38	0.01	1.02	2	-3	9	-8	18
413	SLV 7	211				0.3	-1.03	0.98	-4	-1	-4	-7	-2
469	SLV 11	41				3.76	-0.87	0.98	0	1	2	-7	4
333	SLV 9	250				1.9	0.39	0.97	-5	4	13	7	14
501	SLV 13	31				1.23	0.56	0.97	0	-1	4	8	5
458	SLV 7	263				0.61	1	0.91	-3	1	-4	-7	3
503	SLV 1	35				5.01	0.31	0.84	-9	-1	0	-10	0
375	SLV 5	294				0.76	1.02	0.83	-37	-27	-13	17	-3
502	SLV 3	43				5.47	0.05	0.79	-11	0	0	-14	0
456	SLV 7	260				-0.89	0.73	0.75	-3	0	-2	-2	4
485	SLV 7	52				0.03	0.12	0.72	1	0	-8	6	-4
443	SLV 7	244				-1.15	0.19	0.69	-3	0	-2	-2	1
313	SLV 7	189				-0.05	-0.7	0.69	-1	2	0	-3	2
509	SLV 5	32				0.5	0.42	0.64	-3	-1	-1	-4	2
419	SLV Y	193				0.08	-0.19	0.6	3	-4	-1	-2	2
457	SLV 9	282				-0.24	0.44	0.58	4	4	-5	-1	-3
317	SLV 7	188				0.44	-0.64	0.57	2	2	0	-6	-5
484	SLV 7	35				4.32	0.11	0.57	4	-2	-5	8	2
420	SLV Y	207				0.05	-0.02	0.53	1	-6	0	0	0
438	SLV 9	253				0.39	0.41	0.53	-2	6	2	-6	-6
429	SLV 9	280				-0.32	0.13	0.52	2	4	-1	-3	-4
506	SLV 1	39				1.3	0.24	0.52	-7	0	1	-5	4
459	SLV 9	282				-0.06	0.53	0.51	3	3	-1	0	-4
412	SLV Y	194				0.33	-0.19	0.48	2	-3	0	0	2
500	SLV 13	38				0.79	0.32	0.46	-2	0	4	7	3
428	SLV 9	280				-0.02	0.54	0.45	2	4	0	-1	-4

Sollecitazioni con sforzo Fxx minimo

Vengono mostrati i soli 200 gusci più sollecitati.

Shell	Cont.	Nodo	Sollecitazione										
			Ind	N.br.	Ind	Mxx	Mxy	Myy	Fxx	Fxy	Fyy	Vx	Vy
332	SLV 13	172				-5.59	-0.57	3.65	-72	-6	-30	13	-4
351	SLV 15	172				-6.13	-0.41	8.26	-70	12	-35	15	34
294	SLV 15	317				-4.75	0.34	3.95	-66	6	-28	11	5
376	SLV 13	317				-5.21	0.43	7.69	-65	-12	-36	14	-33
375	SLV 9	294				0.66	1.05	0.29	-43	-29	-15	22	-3
331	SLV 9	154				-0.2	1.1	-0.03	-38	1	-10	-1	-7
330	SLV 9	154				-0.07	1.18	-0.02	-38	2	-7	-1	-7
352	SLV 11	175				0.7	-1.12	0.26	-37	27	-14	21	2
295	SLV 11	331				-0.14	-1.17	-0.02	-36	-2	-10	-1	7
296	SLV 11	331				-0.04	-1.29	-0.01	-34	-2	-7	-1	7
329	SLV 9	152				-0.49	1.17	-0.01	-34	2	-4	0	-6
395	SLV 9	294				1.66	1.06	0.44	-32	-19	-7	-2	-6
350	SLV 13	171				0.54	1.15	2.6	-32	1	5	0	12
328	SLV 9	151				-0.47	1.11	-0.01	-30	1	-4	0	-6
297	SLV 11	329				-0.42	-1.3	-0.01	-30	-2	-4	0	6
401	SLV 15	175				0.72	-0.11	-1.4	-30	12	-7	0	1
377	SLV 15	316				0.46	-1.28	2.69	-29	-2	5	0	-12
327	SLV 9	150				-0.43	1.05	-0.01	-27	1	-4	0	-6
298	SLV 11	328				-0.41	-1.25	-0.01	-27	-1	-4	0	6
326	SLV 9	149				-0.4	0.99	-0.01	-25	1	-3	0	-6
299	SLV 11	327				-0.37	-1.2	-0.01	-25	-2	-4	0	6
300	SLV 11	326				-0.37	-1.13	-0.01	-23	-1	-3	0	6
325	SLV 9	148				-0.38	0.93	-0.01	-23	1	-3	0	-6
349	SLV 13	169				0.09	0.68	-0.14	-23	-3	-3	2	1
348	SLV 9	168				-0.56	1.13	-3.69	-21	-1	-1	0	-3
301	SLV 11	325				-0.35	-1.07	0	-21	-1	-3	0	6
324	SLV 9	147				-0.37	0.86	0	-21	1	-3	0	-6
378	SLV 15	314				0.09	-0.77	-0.06	-21	3	-3	2	-1
373	SLV 9	273				0.63	1.52	-0.73	-20	-26	-4	3	-3
302	SLV 11	324				-0.34	-0.97	0	-20	-1	-3	0	6
400	SLV 13	177				0.49	0.8	-0.89	-20	0	-2	-1	0
347	SLV 9	167				-0.54	1.04	-3.79	-20	-1	0	1	-3
303	SLV 7	323				-0.28	-0.91	0.02	-19	1	-3	0	6
323	SLV 5	147				-0.44	0.89	-0.01	-19	-2	-3	0	-6
394	SLV 15	292				0.45	-0.92	-0.75	-19	0	-2	-1	0
304	SLV 7	322				-0.41	-0.78	0	-19	1	-2	0	7
322	SLV 5	146				-0.49	0.8	0	-18	-2	-3	1	-6
346	SLV 9	166				-0.53	0.96	-3.82	-18	0	1	1	-4
404	SLV 1	229				5.17	0.59	5.26	-18	-4	0	-29	-24

Shell	Cont.	Nodo	Sollecitazione								
			Mxx	Mxy	Myy	Fxx	Fxy	Fyy	Vx	Vy	
379	SLV 11	313	-0.59	-1.26	-3.53	-18	0	0	0	0	3
305	SLV 7	322	-0.53	-0.73	-0.01	-17	1	-2	0	0	7
439	SLV 3	243	-0.71	-0.12	1.43	-17	0	0	-30	0	7
380	SLV 11	312	-0.56	-1.18	-3.64	-17	1	1	0	0	3
321	SLV 5	145	-0.45	0.68	-0.01	-16	-1	-2	0	0	-7
354	SLV 11	199	0.6	-1.62	-0.8	-16	25	-3	2	3	3
345	SLV 9	165	-0.53	0.9	-3.75	-16	0	1	1	1	-4
372	SLV 13	277	-0.13	0.34	-0.18	-16	-10	-4	-2	0	0
399	SLV 13	176	-0.07	0.51	-0.63	-15	-2	-4	-1	-2	-2
353	SLV 7	239	2.57	0.07	4.09	-15	4	-2	32	0	-22
381	SLV 11	312	-0.73	-1.18	-3.56	-15	1	1	0	3	3
355	SLV 15	202	-0.09	-0.44	-0.2	-15	10	-4	-2	0	0
374	SLV 7	239	2.58	-0.2	3.98	-15	-5	-2	32	21	21
344	SLV 5	165	-0.39	0.9	-3.49	-14	2	2	-1	-3	-3
393	SLV 15	295	-0.07	-0.62	-0.6	-14	2	-4	-1	2	3
382	SLV 11	311	-0.69	-1.1	-3.59	-14	1	1	0	3	2
386	SLV 7	307	-0.32	-0.65	-2.23	-14	-2	2	0	0	0
398	SLV 9	179	-0.64	1.05	-2.47	-14	-2	-5	0	-9	0
503	SLV 10	43	6.31	0.3	0.12	-14	-1	-7	-18	0	0
385	SLV 7	308	-0.28	-0.97	-2.94	-14	-1	1	0	2	2
383	SLV 7	310	-0.28	-1.08	-3.39	-14	-1	2	-1	3	3
343	SLV 5	164	-0.37	0.85	-3.39	-14	2	2	-1	-3	-3
387	SLV 7	306	-0.39	-0.46	-0.7	-14	-1	3	1	-3	1
502	SLV 10	43	6.5	0.15	0.45	-14	0	-8	-19	1	1
342	SLV 5	163	-0.3	0.72	-3.19	-13	2	2	-1	-4	-4
384	SLV 7	309	-0.22	-1.11	-3.44	-13	-1	1	-1	4	4
341	SLV 5	162	-0.21	0.48	-2.48	-13	2	2	0	-2	-2
340	SLV 5	161	-0.38	0.4	-0.8	-13	2	3	1	3	3
335	SLV 11	219	0.73	-0.72	0.2	-13	-15	2	5	5	5
504	SLV 10	51	5.2	-0.23	2.17	-13	2	-6	-14	0	0
397	SLV 9	178	-0.64	0.93	-2.49	-12	-1	-3	0	-9	-9
392	SLV 15	297	-0.18	-0.41	-0.6	-12	3	-4	-1	2	2
306	SLV 7	320	0.43	-0.9	0.05	-12	-3	-2	2	6	6
487	SLV 13	65	5.31	0.44	3.56	-12	5	1	10	-7	-7
482	SLV 15	18	5.74	-0.3	3.79	-12	-5	1	11	8	8
356	SLV 13	201	-0.04	0.27	0.2	-12	2	-6	0	-6	-6
505	SLV 10	35	5.27	0.42	0.01	-11	-4	-4	-13	1	1
316	SLV 7	186	2.83	-0.97	1.57	-11	5	-8	-5	5	5
320	SLV 5	143	0.52	0.86	0.05	-11	2	-2	1	-6	-6
396	SLV 9	183	-0.62	0.82	-2.4	-11	0	-3	0	-9	-9
481	SLV 15	18	5.91	-0.63	5.32	-11	1	1	12	-13	-13
371	SLV 15	279	-0.05	-0.36	0.05	-11	-2	-6	0	6	6
488	SLV 13	65	5.45	0.57	4.83	-11	-1	2	11	10	10
388	SLV 7	305	-0.53	-0.56	0.96	-11	-2	1	1	-6	-6
453	SLV 7	300	-0.49	0.08	-1.44	-11	-1	0	-1	3	3
506	SLV 10	46	0.81	-0.06	-0.65	-11	2	-1	-2	5	5
497	SLV 10	51	5.14	-0.59	-0.28	-11	5	-4	-13	-1	-1
336	SLV 11	220	1.87	-0.16	1.38	-11	-6	32	9	-13	-13
391	SLV 11	293	-0.35	-0.97	-2.56	-10	0	-3	0	9	9
508	SLV 10	39	0.79	-0.28	-0.66	-10	-1	-1	-6	4	4
402	SLV 5	182	-0.21	0.68	-2.24	-10	2	-2	1	-10	-10
339	SLV 5	160	-0.49	0.59	0.68	-10	3	2	1	5	5
357	Pesi	200	-0.22	-0.1	-0.56	-10	1	-1	0	-5	-5
403	SLV 5	184	-0.04	0.56	-2.11	-10	3	-3	1	-10	-10
408	SLV 5	185	0.26	-0.26	-2.05	-10	1	-2	0	-10	-10
454	SLV 7	301	-0.23	-0.46	-2.01	-10	-2	0	0	6	6
370	Pesi	278	-0.25	0.03	-0.63	-10	-1	-1	0	4	4
446	SLV 11	293	-0.61	-0.95	-2.47	-9	0	-3	0	9	9
455	SLV 7	298	-0.77	0.31	-0.81	-9	-3	0	0	-1	-1
405	SLV 5	173	-0.54	-0.12	-1.68	-9	2	0	-1	-5	-5
358	Pesi	197	-0.21	-0.14	-0.52	-9	0	-1	0	-4	-4
369	Pesi	275	-0.24	0.07	-0.56	-9	0	-1	0	4	4
406	SLV 5	192	0.89	0	-0.65	-9	2	-3	2	-7	-7
409	SLV 5	181	-0.71	-0.38	-1.12	-9	4	0	0	0	0
449	SLV 7	299	-0.46	-0.99	-2.3	-9	-2	-2	1	9	9
447	SLV 11	289	-0.5	0.16	-1.84	-8	-1	-2	0	10	10
315	SLV 7	158	1.59	0.12	1.03	-8	4	8	-9	5	5
458	SLV 7	281	-0.73	0.5	-0.84	-8	-1	-2	-3	4	4
359	Pesi	198	-0.19	-0.18	-0.52	-8	0	-1	0	-4	-4
311	SLV 15	212	2.37	-0.28	-0.05	-8	1	7	-25	-10	-10
334	SLV 9	253	0.88	0.62	0.36	-8	10	3	8	-7	-7
368	Pesi	271	-0.24	0.11	-0.52	-8	0	-1	0	4	4
472	SLV 1	12	5.42	0.69	3.28	-8	1	3	-10	6	6
317	SLV 7	190	1.31	-0.03	0.32	-8	2	2	-4	-8	-8
440	SLV 3	244	-0.96	-0.03	0.35	-8	0	-1	-4	1	1
415	SLV 3	243	-0.5	-0.52	2.02	-8	-1	0	-5	0	0
473	SLV 1	12	5.68	0.91	5.81	-8	-2	-1	-12	-12	-12
413	SLV 5	191	-0.78	-0.7	-0.64	-8	0	0	-4	-6	-6
479	SLV 1	16	0.59	-0.08	4.13	-8	-5	1	-7	-7	-7
467	SLV 3	61	4.94	-0.78	3.11	-8	-1	3	-9	-5	-5
448	SLV 7	283	0.48	-1.03	0.24	-7	-1	-4	3	9	9
452	SLV 7	285	0.06	-0.5	-0.83	-7	1	-2	-2	11	11
389	SLV 11	288	-0.46	-0.7	-0.68	-7	-8	1	6	-4	-4
407	SLV 5	211	-0.55	0.02	0.72	-7	-1	0	-8	-6	-6
466	SLV 3	61	5.16	-0.8	5.33	-7	2	-1	-11	11	11
360	Pesi	198	-0.33	-0.17	-0.43	-7	0	-1	0	-4	-4
451	SLV 7	281	-0.55	0.5	-0.9	-7	1	0	-4	8	8
460	SLV 1	20	-0.36	0.37	2.18	-7	1	-2	-5	10	10
367	Pesi	271	-0.3	0.1	-0.43	-7	0	-1	0	4	4
338	SLV 9	187	-0.41	0.67	-0.65	-7	8	2	7	3	3
363	SLV 5	206	0.63	0.69	1.28	-7	-3	-5	-2	-17	-17
427	SLV 7	298	-1.23	-0.29	-0.86	-7	-4	0	2	-1	-1
457	SLV 7	281	-0.61	0.48	-0.34	-7	-2	-1	-2	0	0
459	SLV 7	282	-1.26	0.05	-1.12	-6	-3	-1	0	1	1
421	SLV 5	181	-1.17	0.23	-1.07	-6	5	1	2	0	0
307	SLV 3	304	0.51	-0.31	3.01	-6	-1	0	2	5	5
456	SLV 7	276	-1.16	-0.03	-0.57	-6	-3	0	-2	0	0
333	SLV 13	250	2.91	0.65	0.77	-6	-2	7	16	14	14
366	Pesi	269	-0.2	0.11	-0.44	-6	0	0	0	4	4

Shell	Cont.	Nodo	Sollecitazione								
			Mxx	Mxy	Myy	Fxx	Fxy	Fyy	Vx	Vy	
361	Pesi	203	-0.3	-0.21	-0.44	-6	0	0	0	0	-4
509	SLU 10	37	-1.01	0.13	-0.35	-6	-3	1	-3	3	
443	SLV 3	260	-0.93	0.19	-0.13	-6	-1	-2	-3	2	
428	SLV 7	288	-0.08	-0.32	-0.43	-6	-6	0	3	-3	
390	SLV 11	287	2.38	-0.65	0.35	-6	-5	5	6	-4	
319	SLV 1	159	0.55	0.25	2.96	-6	0	0	2	-5	
500	SLV 7	45	-0.97	0.21	-0.57	-6	-1	2	3	-1	
314	SLV 3	158	2.34	0.39	1.33	-6	1	2	-4	2	
337	SLV 9	186	2.62	0.6	0.31	-6	7	4	7	4	
318	SLV 1	158	3.37	0.68	4.21	-6	-1	-2	-8	-9	
309	SLV 1	303	2.33	-0.36	1.7	-6	-1	3	-4	-3	
450	SLV 7	284	-0.31	-0.98	-0.51	-6	2	-4	-3	11	
501	SLV 7	38	0.21	-0.09	-1.15	-6	-1	4	6	5	
444	SLV 3	260	-1.1	0.28	-0.06	-5	-1	-1	-3	0	
414	SLV 3	246	-1.37	-0.18	-0.19	-5	-1	-1	-2	3	
419	SLV 5	193	-0.98	0.04	-1.07	-5	5	0	0	-2	
364	SLV 3	265	1.27	-0.72	1.61	-5	6	-4	-1	11	
429	SLV 7	280	-1.22	0.21	-0.86	-5	-5	0	-1	0	
365	Pesi	267	-0.12	0.06	-0.29	-5	1	0	-1	3	
308	SLV 1	303	2.51	-0.24	3.07	-5	1	1	-5	6	
362	Pesi	204	-0.23	-0.21	-0.52	-5	-1	0	0	-3	
445	SLV 3	257	-1.37	0	-0.43	-5	-1	-1	-1	0	
498	SLV 9	53	-0.05	0.84	-0.45	-5	5	-5	2	-3	
442	SLV 7	268	-1.14	-0.02	-0.98	-5	-4	0	-1	1	
412	SLV 1	215	-1.34	-0.34	-0.4	-5	2	-1	-2	0	
499	SLU 10	48	-0.3	0.2	-0.11	-5	2	0	0	-3	
438	SLV 11	242	0.98	-0.26	-0.81	-4	-8	-4	7	-3	
420	SLV 9	187	0.2	0.16	-0.29	-4	5	1	3	3	
490	SLV 9	64	1.63	0.22	1.75	-4	8	-2	4	-4	
410	SLV 1	246	-1.37	0.15	-0.41	-4	1	-1	-1	-1	
441	SLV 3	256	-1.44	0.08	-0.67	-4	-1	-1	-1	0	
417	SLV 11	247	0.7	-0.33	-0.52	-4	-6	-1	10	2	
312	SLV 5	220	1.95	0.42	-0.25	-4	-5	6	-5	10	
510	SLV 7	32	-0.18	-0.72	-0.28	-4	-5	-1	-2	1	
480	SLV Y	17	-0.66	0.24	-3.02	-4	3	1	-1	6	
430	SLV 7	268	-1.39	0	-0.73	-4	-5	0	1	1	
507	SLV 3	27	3.5	0.03	0.91	-4	-2	-1	-7	0	
435	SLU 10	254	-0.02	0.01	-0.31	-4	0	0	4	2	
411	SLV 5	214	-1.09	0.19	-0.86	-4	4	-1	0	-1	
431	SLU 10	224	-1.01	0	-0.63	-4	0	-1	1	0	
493	SLU 7	38	0.04	0.54	-0.01	-4	-1	3	16	1	
423	SLU 10	217	0.28	-0.07	-0.47	-4	0	0	6	1	
433	SLV 7	262	-0.89	-0.27	-0.95	-4	-5	-1	1	1	
494	SLU 7	38	0.1	0.39	-1.08	-4	-1	4	16	3	
432	SLU 10	252	-0.82	0.01	-0.64	-4	0	-1	1	0	
434	SLU 10	226	-0.36	-0.08	-0.64	-4	0	-1	3	-2	
424	SLU 10	226	-0.35	-0.06	-0.59	-4	0	-1	4	1	
416	SLU 10	217	0.02	0.11	-0.48	-4	0	0	6	-1	
426	SLU 10	214	-0.99	-0.03	-0.55	-4	0	-1	1	0	
462	SLV X	64	0.66	0.09	0.81	-4	-2	0	2	1	
437	SLU 10	251	-0.45	0.02	-0.47	-3	0	-1	2	-2	
436	SLU 10	247	0.62	-0.15	-0.44	-3	0	-1	6	-3	
425	SLU 10	218	-0.67	0.15	-0.33	-3	0	-1	-2	-7	
418	SLU 10	222	0.62	0.02	-0.17	-3	1	0	5	-4	
422	SLU 10	216	-0.41	-0.02	-0.46	-3	0	-1	5	1	
310	SLV 1	287	2.76	0.26	1.14	-3	-3	-2	-5	-5	
292	SLV 3	259	1.99	-0.72	-1.1	-3	2	-3	-9	20	
476	SLV 15	15	-0.46	0.1	3.12	-3	2	-1	17	-4	
474	SLV 3	4	1.88	0.13	-0.44	-3	-4	0	1	-4	
468	SLV 3	55	-0.01	-0.79	1.43	-3	-3	0	-8	-4	
511	SLV 7	24	0.54	-0.73	-0.19	-3	-6	-1	0	0	
486	SLV 15	58	-0.01	0.67	1.82	-3	7	-11	10	-5	

Sollecitazioni con sforzo Fxx massimo

Vengono mostrati i soli 200 gusci più sollecitati.

Shell	Cont.	Nodo	Sollecitazione								
			Mxx	Mxy	Myy	Fxx	Fxy	Fyy	Vx	Vy	
294	SLV 9	333	2.6	1.18	0.21	33	-11	17	-7	-10	
332	SLV 11	156	2.82	-1.27	0.27	31	10	17	-7	12	
376	SLV Y	291	1.76	-0.85	-0.02	28	18	55	-5	17	
331	SLV Y	154	0.09	-0.61	0.02	23	-1	7	0	4	
326	SLV 7	149	0.17	-0.98	0.01	22	-1	3	0	2	
325	SLV 7	148	0.16	-1.03	0.01	22	-1	3	0	2	
301	SLV 5	325	0.1	1.01	0	22	2	3	0	-1	
295	SLV 5	331	0.02	0.62	0.02	22	3	9	1	-2	
302	SLV 5	324	0.06	1.06	0	21	3	3	0	-1	
300	SLV 5	326	0.14	0.94	0.01	21	1	3	0	-2	
327	SLV 7	150	0.15	-0.93	0.01	21	0	3	0	2	
324	SLV 7	147	0.16	-1.1	0.01	21	-1	3	0	2	
330	SLV Y	154	0.15	-0.66	0.03	21	0	6	0	4	
351	SLV 5	174	-0.85	1.25	-1	21	-12	59	-15	-15	
303	SLV 9	323	0.04	1.16	-0.01	20	1	2	0	-2	
375	SLV Y	294	-0.54	-0.9	-1.42	20	15	5	-6	4	
299	SLV 5	327	0.09	0.91	0.01	20	1	3	0	-2	
323	SLV 11	146	0.05	-1.26	0	20	0	2	0	1	
328	SLV 7	152	0.01	-0.86	0	19	1	4	0	2	
329	SLV Y	153	0.09	-0.66	-0.01	19	1	3	0	4	
322	SLV 11	145	0.14	-1.28	0	19	0	2	0	1	
304	SLV 9	322	0.16	1.17	0	19	1	2	0	-1	
298	SLV 5	329	0	0.82	-0.01	18	-1	4	0	-2	
321	SLV 11	144	0.38	-1.19	0	16	-1	2	1	1	
297	SLV 5	329	-0.03	0.78	0	16	0	4	0	-2	
305	SLV 9	321	0.38	1.08	0	16	1	1	1	-1	
385	SLV 9	308	0.41	1.22	5.73	15	1	-7	-1	-9	
296	SLV 5	331	0.21	0.72	0.04	15	0	8	0	-3	
383	SLV 9	310	0.53	0.95	6.57	15	2	-8	1	-10	
343	SLV 11	164	0.77	-0.95	6.56	15	-3	-8	0	10	
384	SLV 9	309	0.42	1.16	6.28	15	1	-7	0	-10	

Shell	Cont. N.br.	Nodo Ind	Sollecitazione								
			Mxx	Mxy	Myy	Fxx	Fxy	Fyy	Vx	Vy	
342	SLV 11	163	0.72	-1.04	5.96	15	-2	-8	0	9	
344	SLV 11	165	0.74	-0.89	6.83	15	-3	-8	1	10	
345	SLV 7	166	1.04	-0.87	7.02	15	-1	-8	0	11	
386	SLV 9	307	0.56	1.24	5.09	14	1	-7	-1	-8	
352	SLV 5	174	-0.84	1.47	-0.51	14	-5	35	-1	-1	
382	SLV 5	311	0.92	0.83	6.92	14	0	-8	0	-10	
346	SLV 7	167	0.94	-0.86	6.86	14	0	-7	1	10	
341	SLV 11	162	0.61	-1.23	5.09	13	-1	-8	-1	8	
381	SLV 5	312	0.87	0.81	6.8	12	0	-7	1	-10	
340	SLV 11	161	0.55	-1.33	4.22	12	0	-8	-1	7	
347	SLV 7	167	0.7	-0.83	6.72	12	0	-8	1	10	
320	SLV 11	143	0.43	-0.97	0.01	12	-3	2	1	0	
387	SLV 9	306	0.56	1.24	4.24	12	0	-8	-2	-7	
316	SLV 11	212	1.12	-0.45	-0.22	12	3	-2	-5	2	
380	Port.	313	0.12	0.04	-0.82	12	1	0	0	3	
359	SLU 3	233	0.39	0.02	2.25	11	-1	-1	0	-5	
368	SLU 3	233	0.4	-0.12	2.27	11	1	-1	0	5	
460	SLV 11	16	-1.28	-0.99	0.97	11	-6	2	18	2	
367	SLU 3	232	0.36	-0.16	2.46	11	2	0	-1	6	
306	SLV 9	320	0.44	0.88	0.01	11	3	2	1	0	
360	SLU 3	232	0.36	0.03	2.39	11	-1	0	0	-6	
465	SLV 13	62	1.51	-0.47	4.08	11	-1	0	5	8	
489	SLV 13	61	3.04	-0.47	2.16	11	2	6	5	-1	
348	Port.	169	0.01	-0.07	-1.17	11	-2	0	1	-4	
379	Port.	314	0.02	0.07	-1.18	11	2	0	1	4	
365	SLU 3	230	0.55	-0.12	3.3	11	2	1	2	8	
369	SLU 3	234	0.46	-0.11	2.13	11	0	-1	0	5	
358	SLU 3	234	0.46	0	2.12	11	0	-1	0	-5	
391	Port.	296	0.19	0	0.12	11	0	0	0	0	
490	SLV 7	65	4.29	0.36	4.19	11	3	5	-7	-6	
397	Port.	178	0.19	0	0.16	11	0	0	0	0	
366	SLU 3	231	0.18	-0.16	2.65	11	2	0	0	6	
447	SLU 3	271	-0.18	-0.11	0.14	11	1	0	1	1	
402	SLU 3	198	-0.17	-0.02	0.15	11	-1	0	1	-1	
392	Port.	296	0.33	0.04	0.14	11	1	0	0	0	
396	Port.	183	0.18	0.04	0.15	11	0	0	0	0	
446	Port.	293	0.19	-0.04	0.12	10	0	0	0	0	
361	SLU 3	231	0.23	0.07	2.57	10	-2	0	-1	-6	
395	SLV 7	274	-0.73	-1.92	-0.33	10	11	4	3	6	
398	Port.	178	0.32	-0.04	0.18	10	-1	0	0	0	
362	SLU 3	230	0.65	0.37	3.52	10	-3	0	-1	-9	
462	SLV 7	64	2.85	0.5	7.74	10	3	-4	-6	14	
357	Port.	235	0.1	-0.01	-0.28	10	0	0	0	2	
370	Port.	235	0.1	0.01	-0.28	10	0	0	0	-2	
403	SLU 3	203	-0.25	0.02	0.22	10	-1	0	1	-1	
349	Port.	170	-0.11	0.07	-1.33	10	-3	0	1	-4	
378	Port.	315	-0.1	-0.08	-1.34	10	3	0	1	4	
448	SLU 3	269	0	-0.19	0.37	10	2	1	0	2	
393	Port.	297	0.33	0.1	0.15	10	1	0	0	1	
454	SLV 9	301	0.95	0.81	2.71	10	3	-5	1	-8	
399	Port.	179	0.32	-0.09	0.2	10	-1	0	0	0	
449	SLU 3	289	-0.28	-0.19	-0.2	10	0	1	0	0	
453	SLV 9	300	0.83	0.84	2.14	10	1	-5	1	-5	
491	SLV 13	63	0.42	-0.38	3.57	10	11	-8	7	-9	
464	SLV 13	63	0.35	0.01	3.3	10	-1	2	4	5	
496	SLV 15	13	1.43	-0.29	3.81	9	-4	0	1	13	
339	SLV 11	160	0.5	-1.2	3.23	9	-2	-6	-2	5	
479	SLV 15	16	-1.66	-0.17	2.65	9	2	-1	22	2	
371	Port.	236	0.14	0.04	-0.3	9	0	0	0	-2	
356	Port.	236	0.14	-0.03	-0.3	9	0	0	0	2	
477	SLV 15	16	-1.45	-0.14	2.7	9	3	0	3	5	
461	SLV 7	59	-0.34	-0.26	1.53	9	1	-1	-4	-10	
388	SLV 9	305	0.51	1.06	3.14	9	1	-5	-2	-5	
480	SLV 5	17	1.37	-1.11	7.83	9	-7	-4	2	-19	
373	SLV Y	273	0.28	-0.87	0.36	9	14	-3	1	9	
450	SLU 3	267	0.13	-0.27	0.96	9	2	1	1	4	
408	SLV 11	185	0.07	-0.39	1.52	9	-2	-3	1	8	
507	SLV 5	17	1.15	0.81	4.92	9	-6	1	-5	17	
439	SLV X	243	0.07	-0.17	-0.72	9	-1	0	9	-3	
405	SLV 11	173	0.54	-1.04	2.02	8	-2	-5	0	6	
404	SLV X	229	-1.97	-0.05	-1.52	8	1	-1	10	6	
355	Port.	238	0.54	-0.17	0.39	8	1	1	-1	1	
372	Port.	238	0.53	0.17	0.38	8	-1	1	-1	-1	
394	Port.	295	0.42	0.12	0.15	8	2	0	0	1	
400	Port.	176	0.41	-0.12	0.21	8	-2	0	0	-1	
377	SLV Y	292	-0.12	-0.81	-1.98	8	-1	1	1	5	
350	Port.	171	0.19	0.31	-1.05	8	-4	0	1	-3	
474	SLV 15	13	1.44	0.73	3.72	8	2	2	3	-10	
455	SLV 9	298	0.24	0.37	1.48	8	3	-3	0	-4	
452	SLU 3	284	0.65	-0.1	-0.18	7	1	1	0	5	
463	SLV 7	63	0.32	-0.55	5.96	7	3	2	-7	9	
409	SLV 11	181	0.15	-0.44	1.44	7	-3	-3	0	4	
511	SLV 15	16	-1.47	0.21	2.8	7	-6	-5	8	0	
406	SLV 11	185	1.46	-0.3	1.28	7	-2	-3	0	6	
335	SLV 5	219	0.84	0.48	-0.47	7	13	-2	4	-2	
513	SLV 1	14	-1.14	-0.37	2.9	7	2	-3	-3	0	
364	SLU 3	266	0.92	-0.28	0.3	7	4	1	1	17	
315	SLV 15	190	0.66	-0.01	0.77	7	-2	0	-6	-3	
363	SLU 3	229	1.62	-0.18	4.19	7	-3	2	0	-16	
488	SLU 7	73	0.27	-0.97	0.23	7	-2	3	5	5	
312	SLV 11	220	2.67	-0.95	1.72	6	5	-6	-21	41	
481	SLU 7	8	0.31	0.91	0.64	6	2	3	4	-4	
307	SLV 13	304	0.16	0.25	0.75	6	0	0	1	1	
401	SLV 5	196	-0.89	1.81	-0.27	6	-10	2	3	-7	
319	SLV 15	159	0.18	-0.3	0.81	6	0	0	1	-1	
478	SLU 7	10	2.04	0.23	0.95	6	0	-4	-4	14	
338	SLV 15	159	0.21	-0.15	0.94	6	-2	-1	0	1	
389	SLV 13	304	0.17	0.09	0.92	6	3	-1	0	-1	
475	SLV 13	5	1.22	0.57	-0.7	6	-2	1	3	-12	

Shell	Cont.	Nodo	Sollecitazione										
			Ind	N.br.	Ind	Mxx	Mxy	Myy	Fxx	Fxy	Fyy	Vx	Vy
515	SLV 1	15				-0.82	0.26	3.45	5	-1	-2	-3	4
451	SLV 9	285				0.14	0.78	0.56	5	1	-3	1	-6
476	SLV 1	14				-0.89	0.45	3.15	5	-2	0	-4	0
421	SLV 11	181				-0.14	-0.61	1.31	5	-3	-3	0	3
485	SLU 7	43				4.01	-0.05	0.18	5	1	-5	7	1
484	SLU 7	43				3.99	0.09	-0.05	5	-1	-5	7	2
427	SLV 9	298				-0.07	0.42	1.36	5	3	-3	0	-3
311	SLV 1	212				-0.77	1.13	-1.36	5	1	-4	65	-35
336	SLV 5	220				1.2	0.42	-0.09	5	8	-26	1	-14
472	SLV 15	12				4.4	0.35	2.25	5	-3	6	-8	2
407	SLV 11	192				0.08	-0.43	0.04	5	0	-3	3	2
486	SLU 7	51				4.4	0.01	-0.19	5	4	-1	7	-7
473	SLV 5	2				0.34	-0.81	0.15	5	-3	5	-4	-5
413	SLV 11	191				0.35	-0.53	0.22	5	-1	-4	0	3
458	SLV 9	281				0.36	0.71	0.33	5	3	-2	0	-3
483	SLU 7	35				4.26	0.23	-0.04	4	-4	-1	7	5
466	SLV 7	67				0.27	0.61	0.31	4	3	5	-4	4
440	SLV X	244				0.19	-0.07	-0.22	4	0	0	1	0
415	SLV X	244				0.21	0.02	-0.16	4	0	0	1	-1
512	SLU 3	22				-0.29	0.53	1.5	4	-2	-1	9	5
467	SLV X	61				0.24	0	0.06	4	1	1	1	1
337	SLV 7	186				-0.21	-0.42	1.35	4	-5	-4	1	3
428	SLV 9	288				0.15	0.14	0.38	4	5	1	1	-2
457	SLV 9	281				0.09	0.49	0.46	4	3	-3	1	-2
390	SLV 5	288				-0.32	-0.02	0.37	4	6	-3	0	-2
317	SLV 11	188				0.27	-0.69	0.5	4	1	1	-6	-4
334	SLV 7	253				0.92	-0.51	-0.37	4	-9	-3	4	-3
292	SLV 13	259				0.87	0.6	-0.04	4	-3	4	-1	6
374	SLV Y	274				0.12	-1.15	0.58	4	10	3	0	3
354	Port.	196				1.02	-0.25	-0.43	4	1	1	-1	-7
514	SLV 9	22				0.5	0.53	1.95	4	0	-2	5	3
516	SLV 9	29				-0.31	0.59	1.26	4	-2	-2	-6	4
314	SLV X	158				-0.77	-0.19	-0.41	4	-1	0	1	0
492	SLU 3	56				3.52	-0.44	1.18	3	0	5	8	-2
318	SLV X	158				-0.84	-0.16	-1.08	3	0	0	2	2
309	SLV X	303				-0.74	0.22	-0.57	3	1	-1	1	1
497	SLV 11	59				0.03	-0.36	2.18	3	6	0	-7	-8
498	SLV 11	59				0.9	-0.81	2.02	3	4	-1	0	-9
308	SLV X	303				-0.78	0.14	-1.02	3	-1	-1	2	-2
443	SLV X	255				0.3	-0.1	0.01	3	0	0	2	-1
459	Port.	276				-0.05	0.26	0.2	3	-1	0	-1	0
420	SLV 7	187				-0.02	-0.19	0.39	3	-4	0	1	3
419	SLV Y	193				0.08	-0.19	0.6	3	-4	-1	-2	2
456	SLV X	276				0.24	-0.22	-0.06	3	1	0	1	1
414	SLV X	246				0.34	-0.02	-0.06	3	0	0	1	-1
482	SLV 7	28				0.03	0.03	0.23	3	-7	2	4	-1
495	SLV 5	23				-0.35	0.74	2.07	3	7	2	9	7
444	Port.	260				0.04	0.16	0.36	3	0	0	-1	0
487	SLV 5	58				0.03	0	0.24	3	7	3	4	0
429	SLV 9	282				-0.12	0.16	0.46	3	4	-2	-1	-3
412	Port.	215				-0.07	-0.12	0.27	3	1	0	-1	0
310	SLV 15	287				0.65	-0.4	0.25	3	2	3	-1	-2
445	SLV X	249				0.38	-0.05	-0.05	3	0	1	1	0
442	Port.	264				-0.1	0.14	0.21	3	-1	0	-1	0
410	Port.	246				-0.13	0.02	0.22	2	0	0	-1	0
333	SLV 3	250				0.24	-0.91	-0.04	2	0	-5	-7	11
441	Port.	249				-0.16	0.04	0.2	2	0	0	-1	0
411	Port.	221				-0.17	-0.05	0.15	2	0	0	-1	0
510	SLV 9	32				-0.01	0.98	-0.35	2	-5	1	-8	7
430	Port.	268				-0.18	0.1	0.11	2	-1	0	0	0
431	Port.	245				-0.19	0.02	0.13	2	0	0	0	0
425	Port.	214				-0.21	-0.09	0	2	1	0	0	0
313	SLV 13	188				-0.06	0.31	-0.14	2	-2	0	-1	0
426	Port.	224				-0.22	-0.02	0.05	2	0	0	0	0
433	Port.	252				-0.18	0.04	0.02	2	0	0	0	0
432	Port.	224				-0.22	0.01	0.06	2	0	0	0	0
293	SLV 15	227				-0.2	0.48	-0.52	2	2	10	-1	-4
502	SLV X	39				-0.46	0	-0.22	2	0	-2	0	0
505	SLV X	24				-0.46	0.09	0.1	2	-2	-1	0	1
434	Port.	223				-0.19	0	0.01	1	0	0	0	0

Sollecitazioni con sforzo Fyy minimo

Vengono mostrati i soli 200 gusci più sollecitati.

Shell	Cont.	Nodo	Sollecitazione										
			Ind	N.br.	Ind	Mxx	Mxy	Myy	Fxx	Fxy	Fyy	Vx	Vy
376	SLV 9	291				-8.13	1.05	-2.65	-54	-35	-89	19	-39
351	SLV 11	174				-7.64	-0.81	-2.63	-47	31	-83	18	42
332	SLV 9	156				0.67	0.06	-0.26	-8	-30	-52	-3	-14
294	SLV 11	333				0.36	-0.24	-0.24	-12	29	-49	-2	14
375	SLV 5	291				-5.86	0.58	-1.09	-35	-15	-35	16	3
352	SLV 7	174				-5.43	-0.66	-2.31	-30	13	-32	16	-3
336	SLV 5	220				1.2	0.42	-0.09	5	8	-26	1	-14
335	SLV 7	220				0.39	-1.04	1.44	-2	-10	-19	-3	41
484	SLV 15	36				0.02	0.02	-0.22	1	-4	-17	7	0
485	SLV 13	52				0.02	0.18	-0.08	1	4	-17	7	-1
311	SLV 5	220				1.64	0.58	-0.02	-4	0	-16	4	-17
395	SLV 9	274				-0.5	1.52	-1.48	-21	-26	-14	4	-5
401	SLV 11	196				-0.4	-1.63	-1.53	-17	24	-13	3	5
355	SLV 9	199				-0.02	1.02	-0.3	-4	-7	-12	0	-15
331	SLV Y	171				-0.08	-0.53	-2.18	4	4	-12	0	4
372	SLV 11	273				-0.13	-1.17	-0.49	-2	7	-11	1	14
483	SLV 13	28				0.01	-0.54	2.02	-2	-6	-11	10	6
461	SLV 9	63				0.84	0.3	1.98	1	9	-11	3	-5
333	SLV 7	250				1.24	-0.64	-0.25	2	-6	-11	2	12
486	SLV 15	58				-0.01	0.67	1.82	-3	7	-11	10	-5
354	SLU 10	199				0.92	-0.31	-0.55	-10	9	-11	4	-7
295	SLV 7	331				0.02	-1.2	-0.01	-32	-1	-10	-1	6
373	SLU 10	273				0.87	0.15	-0.62	-11	-10	-10	4	-6

Shell	Cont. N.br.	Nodo Ind	Sollecitazione								
			Mxx	Mxy	Myy	Fxx	Fxy	Fyy	Vx	Vy	
502	SLV 13	51	2.82	0.4	-0.4	-7	3	-10	-9	-1	
491	SLU 10	63	1.09	-0.18	4.38	7	6	-10	4	-10	
503	SLV 15	43	3.56	0.05	-0.31	-7	-1	-10	-12	0	
293	SLV 5	227	-0.26	-0.24	-1.14	-1	0	-10	-2	-30	
292	SLV 7	259	1.47	-0.62	-1.05	-3	2	-10	-5	12	
356	SLV 9	202	-0.36	1.08	0.4	-9	-4	-9	1	-12	
334	SLV 5	250	0.71	0.74	1.33	-1	7	-9	1	-27	
374	SLV 9	274	-0.67	1.85	-2.67	-9	-19	-9	11	9	
371	SLV 11	277	-0.42	-1.19	0.09	-6	4	-9	1	12	
481	SLV 5	18	7.98	-0.7	9.43	1	1	-9	17	-21	
312	SLV 7	220	4.21	-1.1	1.87	5	6	-9	-37	47	
384	SLV 9	299	0.51	0.12	3.01	6	5	-8	0	-10	
462	SLV 7	65	4.68	0.5	8.13	10	2	-8	-6	15	
340	SLV 7	173	0.22	-1.16	1.8	6	1	-8	-1	7	
387	SLV 5	306	0.74	1.34	4.45	9	-2	-8	-2	-8	
345	SLV 11	165	0.86	-0.88	6.73	12	-3	-8	1	11	
381	SLV 9	311	0.97	0.82	6.69	8	3	-8	2	-10	
385	SLV 9	301	0.86	0.77	2.6	6	5	-8	1	-8	
488	SLV 7	65	7.46	0.68	8.41	0	-2	-8	16	17	
382	SLV 9	290	-0.01	1	2.79	5	5	-8	-1	-10	
364	SLV 7	230	2.3	-1.22	7.65	-3	2	-8	-2	20	
296	SLV 7	315	0.44	-1.35	3.72	-12	-1	-8	0	7	
377	SLV 7	294	-0.98	-1.55	-2.36	1	-5	-8	1	0	
383	SLV 9	310	0.53	0.95	6.57	15	2	-8	1	-10	
343	SLV 11	164	0.77	-0.95	6.56	15	-3	-8	0	10	
346	SLV 11	166	0.91	-0.85	6.76	10	-3	-8	2	10	
386	SLV 5	306	0.5	1.31	4.5	10	-2	-8	-2	-7	
341	SLV 7	161	0.35	-1.42	4.45	12	2	-8	-2	7	
363	SLV 5	230	1.59	1.5	6.91	-3	-1	-8	-3	-19	
344	SLV 11	165	0.74	-0.89	6.83	15	-3	-8	1	10	
357	SLV 9	201	-0.57	1.04	0.56	-8	-1	-8	2	-13	
370	SLV 11	279	-0.58	-1.14	0.23	-6	1	-8	2	13	
316	SLV 7	186	2.83	-0.97	1.57	-11	5	-8	-5	5	
342	SLV 11	163	0.72	-1.04	5.96	15	-2	-8	0	9	
347	SLV 11	167	0.89	-0.83	6.63	7	-2	-8	2	10	
380	SLV 9	312	0.92	0.78	6.58	5	2	-8	2	-10	
330	SLV 5	170	0.32	1.26	3.67	-16	1	-8	0	-7	
365	SLV 11	230	0.48	-0.72	6.81	2	0	-8	1	16	
490	SLU 10	59	0.09	0.32	1.32	-2	11	-8	-10	-6	
358	SLV 9	200	-0.61	0.94	0.7	-8	1	-7	2	-14	
480	SLV 5	18	5.41	-0.21	9.26	6	-4	-7	-11	-20	
369	SLV 11	278	-0.61	-1.02	0.39	-6	-1	-7	2	14	
353	SLU 7	196	-0.16	-0.17	-2.36	-4	7	-7	13	-19	
339	SLV 7	181	-0.4	-0.89	1.56	4	1	-7	0	6	
307	SLV 11	303	1.99	-0.84	3.92	-1	-3	-7	4	7	
405	SLV 7	191	0.61	-0.99	0.38	2	-1	-7	1	6	
350	SLV 5	175	-1.01	1.51	-2.53	-4	4	-7	2	1	
388	SLV 5	298	-0.37	0.71	1.73	4	-1	-7	0	-6	
379	SLV 9	297	-0.2	1	3.03	-4	2	-7	-1	-10	
400	SLV 9	199	-0.11	1.5	-0.35	-6	-3	-7	1	-7	
319	SLV 9	158	1.97	0.81	3.68	0	3	-7	4	-7	
348	SLV 11	179	-0.18	-1.1	2.82	-2	-2	-7	-1	10	
308	SLV 11	303	3.25	-1.01	4.05	-1	0	-7	-8	8	
362	SLV 5	230	0.99	1.21	7.08	1	-1	-7	-1	-17	
504	SLV 13	51	3.01	0.18	1.1	-8	2	-7	-10	0	
399	SLU 10	201	0.04	0	0.32	-7	1	-7	0	0	
359	SLU 10	234	0.05	-0.02	1.41	-1	-1	-7	0	-3	
368	SLU 7	234	0.22	-0.13	2.4	5	1	-7	0	5	
393	SLU 10	279	-0.03	0.03	0.29	-6	-2	-7	0	-1	
394	SLV 7	273	-0.33	-1.53	-0.2	2	4	-7	1	7	
318	SLV 9	158	3.01	0.94	3.79	-1	0	-7	-7	-8	
398	SLU 10	200	0.11	-0.04	0.39	-5	0	-7	1	0	
505	SLV 15	35	2.75	0.15	-0.49	-7	-3	-7	-9	2	
392	SLU 10	278	0.1	-0.09	0.35	-5	-1	-7	0	-1	
497	SLV 13	57	2.39	0.17	1.32	-2	7	-7	-6	-5	
360	SLU 7	233	0.27	0.02	2.59	5	-1	-6	0	-5	
366	SLV 7	232	0.71	-1.15	5.97	0	0	-6	-2	14	
397	SLU 10	197	0.16	-0.08	0.44	-3	0	-6	1	0	
489	SLV 7	54	-0.25	-0.46	0.32	0	-10	-6	5	-7	
417	SLV 5	219	0.86	0.43	-0.6	-3	7	-6	4	0	
367	SLU 7	233	0.27	-0.13	2.59	5	1	-6	0	5	
473	SLV 9	12	7.19	1.43	8.51	-2	-2	-6	-16	-17	
391	SLU 10	275	0.14	-0.05	0.42	-3	0	-6	1	-1	
474	SLV 9	3	3.29	1.9	0.28	3	-2	-6	6	-10	
466	SLV 11	61	6.63	-1.32	7.63	-2	2	-6	-14	16	
396	SLU 10	197	-0.21	-0.07	0.27	-2	-1	-6	1	0	
455	SLV 5	281	0.19	0.72	0.43	3	1	-6	-2	-6	
465	SLV 11	61	3.59	-1.21	7.31	7	-1	-6	3	14	
446	SLU 10	275	-0.19	-0.06	0.26	-2	1	-6	0	-1	
449	SLV 9	289	-0.11	1.3	1.9	8	4	-6	0	-9	
453	SLV 5	281	0.56	0.68	0.37	3	-1	-6	0	-5	
361	SLU 10	232	0.14	-0.03	1.63	-1	-1	-6	-1	-4	
478	SLV 9	10	2.63	0.46	1.11	5	-1	-6	-7	17	
337	SLV 7	212	2.15	-0.82	-0.41	1	-3	-6	10	1	
409	SLV 7	191	0.26	-0.65	0.58	3	-1	-6	-3	6	
402	SLU 10	180	0.21	-0.08	0.64	-2	-1	-6	-1	1	
349	SLU 7	169	0.33	0.39	1.67	-10	-1	-6	-2	3	
447	SLU 10	271	-0.2	-0.06	0.3	-1	2	-6	1	-1	
378	SLU 7	314	0.32	-0.52	1.79	-9	0	-6	1	-3	
498	SLV 13	53	-0.2	0.43	-0.52	-4	6	-6	2	-5	
513	SLV 11	23	1.34	-0.01	-0.56	1	-11	-6	8	11	
403	SLU 10	182	0.13	-0.08	0.6	-1	-1	-6	0	0	
315	SLV 7	190	1.51	-0.52	1.5	0	10	-6	-17	-6	
448	SLU 10	289	0.18	-0.09	0.42	-1	2	-6	0	0	
511	SLV 13	17	-0.36	1.06	3.82	5	-7	-6	-6	9	
421	SLV 7	194	-0.45	-0.32	0.16	2	-3	-5	-2	4	
457	SLV 5	270	-0.26	1.09	0.33	1	3	-5	2	-3	
450	SLU 10	283	0.05	-0.07	0.38	-1	2	-5	1	2	
413	SLV 7	211	0.68	-1.48	-0.09	-1	-3	-5	-5	3	

Shell	Cont. N.br.	Nodo Ind	Sollecitazione							
			Mxx	Mxy	Myy	Fxx	Fxy	Fyy	Vx	Vy
451	SLV 5	281	0.57	0.78	0.35	3	1	-5	1	-3
406	SLU 10	185	0.49	-0.42	-0.05	-2	-1	-5	-1	-2
454	SLV 5	301	1.07	0.79	2.71	8	1	-5	1	-8
427	SLV 5	282	-0.23	0.56	0.49	3	3	-5	-2	-4
408	SLU 10	204	-0.3	0.04	0.41	-1	-2	-5	2	-1
404	SLU 10	209	1.24	-0.34	0.05	-4	-4	-5	-7	-14
482	SLV 9	28	-0.02	-0.88	2.39	0	0	-5	11	7
439	SLU 10	266	1.47	-0.15	-0.04	-3	4	-5	-6	15
310	SLV 5	287	1.78	0.7	1.28	-2	-3	-5	-4	-3
452	SLU 10	265	0.88	-0.09	0.79	-1	3	-5	-1	3
407	SLU 10	209	1.19	-0.68	0.36	-3	-1	-5	-4	-3
438	SLV 7	242	0.76	-0.3	-0.93	-3	-8	-4	8	-3
297	SLV 11	329	-0.42	-1.3	-0.01	-30	-2	-4	0	6
329	SLV 9	152	-0.49	1.17	-0.01	-34	2	-4	0	-6
515	SLU 10	22	0.53	-0.29	1.25	1	-7	-4	2	9
460	SLV 5	16	0.17	1.06	4.78	-7	0	-4	5	17
516	SLV 9	16	1.11	1.45	4.95	0	-2	-4	0	8
390	SLV 5	287	-0.3	0.31	1.23	3	3	-4	0	-2
458	SLU 10	281	-0.19	0.74	-0.24	-4	2	-4	-2	0
298	SLV 7	329	-0.28	-1.32	-0.01	-23	2	-4	0	6
328	SLV 5	152	-0.29	1.18	-0.01	-26	-1	-4	0	-6
507	SLV 11	17	-0.57	-0.27	1.36	-1	-7	-4	-1	4
487	SLV 11	58	-0.02	0.88	2.43	-1	0	-4	11	-6
389	SLV 5	304	0.65	0.75	2.28	1	4	-4	-2	-4
338	SLV 7	159	0.7	-0.87	2.46	1	-4	-4	-2	4
514	SLV 5	20	-0.09	0.73	2.02	3	2	-4	2	3
309	SLV Y	287	0.38	-0.5	0.3	1	1	-4	0	0
327	SLV 9	150	-0.43	1.05	-0.01	-27	1	-4	0	-6
299	SLV 11	327	-0.37	-1.2	-0.01	-25	-2	-4	0	6
463	SLV 7	71	2.73	0.43	-0.06	2	5	-3	-4	13
456	SLV 5	276	-0.5	0.94	0.29	0	3	-3	-2	-3
326	SLV 9	149	-0.4	0.99	-0.01	-25	1	-3	0	-6
444	SLV 5	255	-0.8	0.68	0.05	-1	3	-3	0	0
300	SLV 7	327	-0.33	-1.25	-0.01	-21	1	-3	0	7
301	SLV 11	325	-0.35	-1.07	0	-21	-1	-3	0	6
325	SLV 9	148	-0.38	0.93	-0.01	-23	1	-3	0	-6
429	SLV 5	282	-0.25	0.24	0.43	2	3	-3	-1	-3
493	SLV 3	41	2.07	-0.36	0.26	-1	-2	-3	8	0
510	SLV 9	21	0.23	0.18	1.65	0	-3	-3	-7	2
506	SLV 13	46	-0.12	0.14	-0.83	-7	2	-3	-1	3
477	SLV 9	10	2.49	0.56	2.54	4	-6	-3	-1	-23
324	SLV 9	147	-0.37	0.86	0	-21	1	-3	0	-6
302	SLV 7	325	-0.48	-1.12	-0.01	-18	1	-3	1	6
459	SLV 5	264	-0.96	0.65	0.19	0	3	-3	0	-4
494	SLV 1	41	1.81	0	-0.24	-2	1	-3	7	0
323	SLV 5	147	-0.44	0.89	-0.01	-19	-2	-3	0	-6
470	SLV 3	33	0	-0.24	0.05	-1	2	-3	-6	0
419	SLV 7	194	-0.62	-0.65	0.42	1	-3	-3	-2	3
303	SLV 7	324	-0.5	-0.99	-0.01	-18	1	-3	0	6
314	SLV 9	189	0.08	1.08	-0.16	0	-1	-3	0	4
412	SLV 7	221	-1.37	-0.17	-0.04	-1	-3	-3	-2	3
440	Variabile E (sovraccarico mezzi)	243	0.12	0.03	0.45	-3	0	-3	0	0
469	SLV 3	41	3.3	-0.31	0.36	0	0	-3	-6	1
415	Variabile E (sovraccarico mezzi)	243	0.11	-0.02	0.45	-3	0	-3	0	0
322	SLV 5	146	-0.49	0.8	0	-18	-2	-3	1	-6
443	SLU 10	260	-0.8	0.25	-0.12	-5	0	-3	-3	1
420	SLV 3	207	-0.39	0.19	-0.61	-1	0	-3	3	3
317	SLV 7	208	1.34	-0.57	0.4	-4	8	-3	-4	0
428	SLV 1	261	-0.5	-0.22	-0.66	-2	0	-2	3	-2
512	SLV 9	22	-0.34	1.07	1.72	3	1	-2	7	4
509	SLV 13	32	-0.4	0.15	0.19	-4	-4	-2	-1	2
313	SLV 1	227	0.57	0.14	-0.91	-1	0	-2	-2	1
304	SLV 7	323	-0.5	-0.86	0	-18	1	-2	0	6
414	Variabile E (sovraccarico mezzi)	244	0.08	0	0.33	-3	0	-2	0	0
305	SLV 7	322	-0.53	-0.73	-0.01	-17	1	-2	0	7
496	SLV 7	13	0.59	-0.59	1.97	5	-5	-2	1	7
435	SLV 5	261	-0.23	0.12	0.11	-1	5	-2	3	-1
445	Variabile E (sovraccarico mezzi)	246	0.06	0.02	0.29	-3	0	-2	0	0
410	Variabile E (sovraccarico mezzi)	246	0.06	0	0.26	-3	0	-2	0	0
508	SLV 15	39	-0.19	-0.36	-0.82	-6	-2	-2	-3	3
321	SLV 5	145	-0.45	0.68	-0.01	-16	-1	-2	0	-7
442	Variabile E (sovraccarico mezzi)	257	0.05	0.04	0.27	-3	0	-2	0	0
475	SLV 9	4	1.57	0.47	-0.16	3	1	-2	3	-15
441	Variabile E (sovraccarico mezzi)	257	0.05	0.03	0.26	-3	0	-2	0	0
430	SLV 5	256	-0.8	0.11	-0.37	-1	4	-2	0	-2
492	SLV Y	50	0.21	-0.51	0.1	0	-3	-2	0	-1
423	SLV 7	217	-0.05	-0.18	-0.17	-1	-5	-2	6	1
320	SLV 9	143	0.41	0.85	0.03	-9	4	-2	1	-5

Sollecitazioni con sforzo Fyy massimo

Vengono mostrati i soli 200 gusci più sollecitati.

Shell	Cont. N.br.	Nodo Ind	Sollecitazione							
			Mxx	Mxy	Myy	Fxx	Fxy	Fyy	Vx	Vy
376	SLV 7	291	-0.07	-1.47	-0.54	27	15	66	-1	14
351	SLV 5	174	-0.85	1.25	-1	21	-12	59	1	-15

Shell	Cont.	Nodo	Sollecitazione								
			Mxx	Mxy	Myy	Fxx	Fxy	Fyy	Vx	Vy	
375	SLV 11	291	-2.4	-1.58	-2.71	14	5	38	3	3	
352	SLV 9	174	-3.08	1.55	-1.56	9	-4	35	4	-3	
336	SLV 11	220	1.87	-0.16	1.38	-11	-6	32	9	-13	
332	SLV Y	156	0.6	-0.4	0.19	14	17	29	-1	9	
294	SLV 11	316	0.19	-1.56	4.57	-41	0	24	1	7	
331	SLV 9	171	0.49	1.28	4.37	-23	-7	23	-1	-8	
295	SLV 11	316	0.37	-1.33	4.59	-18	6	22	-1	8	
311	SLV 11	220	1.82	-0.31	1.29	2	3	19	10	-21	
374	SLV 11	272	-3.93	-1.99	-0.7	2	5	17	8	1	
335	SLV 9	220	2.59	0.75	-0.25	-2	8	16	10	8	
353	SLV 9	195	-3.18	1.81	-0.64	0	-5	16	8	0	
333	SLV 9	250	1.9	0.39	0.97	-5	4	13	7	14	
377	SLV 9	294	1.68	0.39	1.08	-28	-3	12	-2	-17	
293	SLV 11	227	-0.09	-0.26	-1.08	1	1	12	-2	-1	
469	SLV 13	40	-0.01	0.17	0.08	1	-1	11	-7	-2	
470	SLV 15	40	0.02	-0.26	0.43	1	0	11	-7	0	
350	SLV 11	175	1.52	-0.58	0.97	-25	3	11	-1	15	
292	SLV 9	259	1.39	0.5	-0.08	3	-4	10	-5	13	
496	SLV 11	26	3.14	-0.27	0.85	-1	-7	10	7	1	
296	SLV 9	315	-0.68	0.75	-1.6	-3	0	9	1	-3	
312	SLV 9	220	0.41	0.57	-0.41	-3	-6	9	11	4	
495	SLV 15	34	4.9	-0.3	0.31	-1	-2	9	13	0	
330	SLV 11	170	-0.63	-0.83	-1.7	-1	0	9	1	3	
468	SLV 13	55	-0.01	-0.22	1.58	0	2	9	-8	-3	
334	SLV 11	250	2.32	-0.62	-0.32	-3	-6	8	13	-4	
316	SLV 9	186	2.34	0.63	0.19	7	-3	8	-5	4	
492	SLV 13	50	4.79	-0.21	0.93	-1	3	8	13	-2	
471	SLV 15	34	3.92	-0.09	0.3	-1	-1	8	-7	3	
315	SLV 7	158	1.59	0.12	1.03	-8	4	8	-9	5	
338	SLV 7	186	-0.39	-0.16	-0.08	4	-4	7	-1	3	
489	SLV 7	61	3.59	-0.82	3.54	9	-1	7	4	-5	
467	SLV 9	56	3.76	0.26	1.16	-1	1	7	-7	-1	
355	SLV Y	199	0.42	-0.79	-0.48	-1	9	7	-1	9	
494	SLV 15	41	5.22	-0.63	0.02	-3	-2	7	15	-1	
493	SLV 13	41	5.35	-0.13	0.84	-2	1	6	15	-1	
401	SLV Y	177	0.13	-0.77	2	-2	4	6	-1	7	
480	SLV 11	18	1.06	-0.5	1.28	0	2	6	-4	-3	
417	SLV 11	219	0.5	-0.55	0.35	0	-7	6	3	2	
389	SLV 5	287	-0.47	0.05	-0.3	4	4	6	-2	-4	
309	SLV 5	287	1.89	0.54	0.03	-3	-2	6	-3	-3	
395	SLV 9	292	0.32	0.53	2.38	-25	-11	6	-1	-10	
337	SLV 9	212	1.3	0.49	-1.21	-4	4	6	4	3	
472	SLU 3	12	6.94	0.77	3.82	-1	-1	6	-13	5	
462	SLV 9	65	0.6	0.47	1.14	-1	-1	6	3	2	
319	SLV 7	158	0.14	-0.67	1.37	1	-3	6	-1	-2	
490	SLV 11	65	4.29	0.43	4.7	9	4	6	-6	-8	
307	SLV 5	303	0.11	0.62	0.97	2	3	6	-1	1	
488	SLV 9	65	2.87	0.26	1.38	-9	1	5	6	3	
466	SLV 11	67	0.27	0.63	0.31	4	3	5	-4	4	
318	SLV 7	158	1.38	-0.36	1.49	-3	-1	5	-3	-3	
473	SLV 9	2	0.32	-0.85	0.15	4	-3	5	-4	-5	
308	SLV 5	303	0.99	0.4	1.06	-3	1	5	-2	2	
310	SLV 11	287	1.63	-0.83	0.12	2	2	5	-2	-3	
363	SLV Y	230	-0.2	-1.05	-4.28	2	-1	5	2	10	
356	SLV Y	202	0.36	-0.74	-0.67	4	5	5	-1	9	
400	SLV Y	199	0.41	-0.99	-0.58	-1	5	5	-1	7	
354	SLU 1	239	-0.25	0.18	2.12	2	2	5	2	-12	
373	SLU 1	239	-0.28	-0.32	2	1	-3	5	2	11	
481	SLV Y	18	-2.41	0.22	-3.59	-2	-1	5	-5	8	
362	SLV Y	206	-0.84	-0.32	-1.14	4	-2	5	-2	11	
390	SLV 11	287	2.38	-0.65	0.35	-6	-5	5	6	-4	
501	SLV 15	31	1.26	0.17	0.91	0	-4	5	8	5	
500	SLV 13	47	0.19	-0.1	-0.94	-2	2	4	6	3	
314	SLV 7	189	-0.12	-0.42	0.73	0	2	4	-2	1	
394	SLV 9	292	1.39	0.79	2.64	-12	-8	4	-2	-9	
339	SLV 9	181	-0.91	0.52	-1.12	-5	2	4	2	4	
298	SLV 9	329	-0.01	0.87	0.01	15	-4	4	0	-2	
357	SLV Y	201	0.39	-0.7	-0.73	4	2	4	-1	9	
512	SLV 15	31	1.13	0.02	-0.69	0	-4	4	8	7	
349	SLV 9	177	-0.35	1.6	-2.6	-11	-4	4	0	-1	
328	SLV 11	152	0	-0.9	0.01	16	4	4	0	3	
297	SLV 5	329	-0.03	0.78	0	16	0	4	0	-2	
378	SLV 11	292	-0.37	-1.67	-2.56	-11	3	4	0	0	
498	SLV 13	54	-0.55	-0.4	0.26	3	8	4	-1	-5	
388	SLV 11	298	-0.97	-0.53	-0.89	-6	-1	4	2	-5	
478	SLV 13	9	0.84	0.16	1.23	2	-1	4	-7	-2	
329	SLV 7	152	0.02	-0.82	0	17	0	4	0	2	
438	SLV 9	242	1.37	0.59	0.02	0	7	4	8	-2	
358	SLV Y	200	0.43	-0.66	-0.78	5	0	4	-1	10	
483	SLV 1	27	3.64	0.01	1.01	1	0	4	6	2	
340	SLV 9	173	-0.65	0.24	-1.52	-7	1	4	1	2	
507	SLU 3	18	3.77	-0.26	4.09	6	-4	4	-8	8	
482	SLV 9	18	8.27	-0.55	5.28	-3	0	3	15	8	
505	SLV 1	27	4.3	0.38	1.08	-4	-2	3	-9	0	
486	SLV 3	57	3.72	0.01	1.44	1	1	3	6	-4	
299	SLV 9	328	0.05	0.94	0.01	18	-3	3	0	-2	
359	SLV Y	197	0.44	-0.59	-0.78	5	-1	3	-1	10	
327	SLV 11	151	0.05	-0.97	0.01	19	3	3	0	2	
360	SLV Y	203	-0.5	-0.4	-1.04	5	-1	3	-1	9	
475	SLV 15	13	3.08	0.22	4.03	0	2	3	29	-12	
361	SLV Y	203	0.42	-0.46	-0.96	4	-1	3	-1	10	
439	SLU 3	229	5.35	-0.33	4.77	-4	4	3	-27	27	
487	SLV 11	65	7.69	0.66	5.09	-3	1	3	14	-7	
387	SLV Y	300	-0.3	-0.29	-1.43	-6	-2	3	1	2	
300	SLV 9	327	0.1	1.02	0.01	19	-1	3	0	-2	
365	SLV 5	230	-0.07	0.56	-2.85	3	4	3	0	-7	
427	SLV 11	288	-0.58	-0.45	-0.34	-4	-4	3	2	-1	
341	SLV 5	173	-0.57	-0.44	-1.62	-8	3	3	0	2	
385	SLV Y	301	-0.54	-0.36	-1.91	-5	-2	3	0	4	

Shell Ind	Cont. N.br.	Nodo Ind	Sollecitazione							
			Mxx	Mxy	Myy	Fxx	Fxy	Fyy	Vx	Vy
301	SLV 5	325	0.1	1.01	0	22	2	3	0	-1
317	SLV 11	190	1.08	-0.21	0.37	-7	1	3	-5	-6
313	SLV 15	227	0.12	-0.23	-0.57	1	1	3	-2	0
326	SLV 11	150	0.09	-1.04	0.01	20	2	3	0	2
508	SLU 3	37	-1.23	0.06	-0.74	-2	-2	3	-4	1
386	SLV Y	306	-0.44	-0.56	-0.56	-9	0	3	1	2
384	SLV 7	299	-0.42	-0.25	-2.39	-7	-4	3	0	2
474	SLV 11	13	1.11	0.04	1.64	5	-1	3	2	-5
325	SLV 7	148	0.16	-1.03	0.01	22	-1	3	0	2
421	SLV 9	187	-0.61	-0.08	-0.31	-4	4	3	2	1
399	SLV Y	176	0.58	-0.72	2.13	5	3	3	-1	8
302	SLV 5	324	0.06	1.06	0	21	3	3	0	-1
499	SLV 7	45	-0.74	-0.59	-0.71	-1	-1	3	1	-3
509	SLU 3	30	-0.38	-0.05	0.24	1	-3	3	1	2
418	SLV 9	217	0.34	0.1	-0.56	-2	6	3	4	0
404	SLU 3	243	-0.83	-0.31	1.79	-5	0	3	-29	-5
405	SLV 9	191	-0.88	-0.16	-0.82	-5	0	3	-3	-4
324	SLV 7	147	0.16	-1.1	0.01	21	-1	3	0	2
428	SLV 15	261	0.44	-0.34	-0.62	-2	-1	3	2	-2
504	SLV 3	48	0.22	0.16	-0.17	-6	1	3	-4	0
372	SLV 5	273	1.21	1.47	-0.26	-6	-16	3	-3	-5
420	SLV 13	207	0.51	0.31	-0.59	-2	1	3	2	2
382	SLV Y	290	-0.05	-0.71	-1.98	-6	-2	3	1	7
364	SLU 3	229	1.56	0.47	4.2	6	3	3	1	16
323	SLV 11	147	0.08	-1.21	0	20	0	3	0	2
381	SLV Y	293	-0.03	-0.75	-2.18	-5	-2	3	1	7
461	SLV Y	63	-0.13	-0.62	0.96	2	-2	3	-2	-3
457	SLV 11	282	-1.13	0.19	-0.87	-5	-2	3	-2	-1
303	SLV 5	323	0.12	1.1	0.01	20	3	3	0	-1
383	SLV Y	310	-0.49	-0.66	-4.37	-11	0	3	-1	6
497	SLV Y	57	0.58	-0.31	0.46	2	0	3	-1	-1
342	SLV 5	185	0.4	0.43	-1.72	-7	3	2	2	-2
415	SLU 3	243	-0.63	-0.3	1.79	0	0	2	-5	-4
506	SLU 3	45	-1.44	0.11	-1.08	-4	1	2	-6	-1
304	SLV 5	322	0.2	1.16	0.01	18	3	2	0	-1
406	SLU 3	206	0.76	-0.06	0.52	6	-2	2	1	-3
343	SLV 5	163	-0.72	0.82	-3.32	-12	1	2	0	-3
322	SLV 7	145	0.19	-1.26	0.02	18	-2	2	1	1
423	SLV 9	217	0.44	0.07	-0.59	-3	5	2	4	0
305	SLV 9	322	0.18	1.14	0.01	16	1	2	1	-1
416	SLV 13	222	0.8	0.1	-0.17	-3	1	2	3	-3
380	Tr sLV Y	312	-0.16	-0.36	-0.68	-2	0	2	0	0
437	SLV 13	241	0.47	0	-0.06	-2	1	2	3	1
465	SLV 5	61	1.83	0.06	1.9	5	1	2	2	3
398	SLV Y	179	0.63	-0.67	2.17	7	1	2	-1	8
435	SLV 11	254	0.09	-0.07	-0.54	-2	-6	2	1	0
321	SLV 11	145	0.14	-1.25	0	16	-1	2	1	1
440	SLU 3	263	0.37	0.84	0.44	1	0	2	-7	5
436	SLV 15	254	-0.52	-0.2	-0.27	-1	-1	2	1	2
476	SLU 7	5	1.41	0.35	-0.63	4	-2	2	2	-11
503	SLV 1	32	0.59	-0.13	0.41	-8	-2	2	-11	1
460	SLV 11	16	-1.28	-0.99	0.97	11	-6	2	18	2
379	Tr sLV Y	297	-0.05	-0.38	-0.55	0	0	2	0	0
464	SLU 7	63	1.12	-0.08	2.01	9	1	2	2	8
453	SLV Y	281	-0.47	0.06	-0.36	-4	0	2	-1	4
477	SLV 5	17	3.63	-0.23	8.68	-1	-5	2	-38	-34
344	SLV 5	182	-0.1	0.93	-2.08	-8	3	2	1	-4
455	SLV Y	281	-0.34	0.07	-0.38	-3	-2	2	0	3
425	SLU 3	214	-1.48	-0.24	-0.96	2	1	2	2	1
419	SLV 9	194	-1.12	0.17	-0.97	-4	4	2	0	-1
306	SLV 5	320	0.54	0.86	0.02	9	4	2	1	0
433	SLV 13	251	-0.07	-0.08	-0.24	-1	2	2	1	-1
413	SLU 3	194	-1.38	-0.68	-0.28	3	0	2	-3	0
411	SLU 3	221	-1.54	-0.17	-0.64	2	0	2	0	1
449	Tr sLV Y	289	-0.07	-0.36	-0.44	-2	0	2	0	1
320	SLV 7	143	0.54	-0.95	0.03	10	-5	2	2	-1
414	SLU 3	244	-1.35	-0.1	-0.05	1	0	2	-2	1
484	SLV 1	35	2.57	0.14	0.52	3	0	2	5	1
422	SLV 13	241	0.46	0	-0.21	-1	2	2	2	0
443	SLU 3	244	-1.27	0.16	0.18	1	0	2	-2	1
444	SLV Y	255	-0.18	-0.35	-0.1	-1	-3	2	-2	1
430	SLU 3	252	-1.23	0	-0.75	1	-1	2	0	-2
445	SLU 3	255	-1.41	0.15	-0.4	2	0	2	0	1
441	SLU 3	245	-1.5	0.03	-0.67	1	0	2	0	0
426	SLU 3	214	-1.26	-0.03	-0.67	1	0	2	1	0
454	Tr sLV Y	299	-0.06	-0.32	-0.51	-2	-1	2	0	1
432	SLU 3	224	-1.36	-0.01	-0.78	1	0	2	3	0
345	SLV 5	165	-0.77	0.94	-3.64	-14	2	2	-1	-3
424	SLU 3	218	-0.9	-0.03	-0.73	1	0	2	3	1
431	SLU 3	224	-1.3	0.02	-0.76	1	0	2	1	0
410	SLU 3	245	-1.5	0.01	-0.62	1	0	2	-1	0
371	SLV 5	277	0.61	1.14	0.07	0	-8	2	-2	-8
502	SLV 3	39	0.96	-0.25	0.48	-10	0	2	-12	2
479	SLV 5	16	0.29	0.34	6.35	-6	-5	2	-2	-11
456	SLU 3	270	-0.91	0.64	-0.32	2	0	2	-2	4
463	SLU 7	63	0.78	-0.18	4.98	7	1	2	-2	8
434	SLU 3	248	-0.95	-0.08	-0.82	1	0	2	4	4
442	SLU 3	257	-1.44	0.17	-0.4	1	0	2	-1	0
412	SLU 3	215	-1.28	-0.49	-0.4	2	0	2	-2	1
458	SLU 3	260	-1.23	0.7	0.18	1	0	2	-5	3
510	SLV 1	32	0.55	0.28	-0.2	0	-3	2	-6	4
451	SLV Y	281	-0.48	0.08	-0.42	-4	0	2	-2	5
409	SLV 9	173	-0.69	-0.25	-1.85	-6	2	2	1	-3
485	SLV 3	43	2.11	-0.17	0.34	4	0	2	4	1
459	SLU 3	276	-0.94	0.74	-0.33	3	-1	1	-4	-3
511	SLV X	24	-0.3	0.16	0.11	0	-6	1	4	-3
429	SLV 11	282	-1.25	0.06	-0.86	-4	-4	1	0	1
346	SLV 5	183	-0.09	1.06	-2.28	-9	3	1	1	-4
447	Tr sLV Y	271	-0.11	-0.34	-0.25	-1	0	1	0	1

1.6 Sollecitazioni estreme pareti

Shell: elemento guscio a cui si riferiscono le sollecitazioni.

Ind: indice del guscio.

Cont.: contesto a cui si riferiscono le sollecitazioni.

N.br.: nome breve della condizione o combinazione di carico.

Nodo: nodo su cui si basa il guscio a cui si riferisce la sollecitazione.

Ind: indice del nodo.

Sollecitazione: valori della sollecitazione.

Moo: componente Moo della sollecitazione del guscio nel nodo indicato. [kN*m/m]

Moz: componente Moz della sollecitazione del guscio nel nodo indicato. [kN*m/m]

Mzz: componente Mzz della sollecitazione del guscio nel nodo indicato. [kN*m/m]

Foo: componente Foo della sollecitazione del guscio nel nodo indicato. [kN/m]

Foz: componente Foz della sollecitazione del guscio nel nodo indicato. [kN/m]

Fzz: componente Fzz della sollecitazione del guscio nel nodo indicato. [kN/m]

Vo: componente Vo della sollecitazione del guscio nel nodo indicato. [kN/m]

Vz: componente Vz della sollecitazione del guscio nel nodo indicato. [kN/m]

Sollecitazioni con momento Moo minimo

Vengono mostrati i soli 200 gusci più sollecitati.

Shell Ind	Cont. N.br.	Nodo Ind	Sollecitazione								
			Moo	Moz	Mzz	Foo	Foz	Fzz	Vo	Vz	
288	SLV 11	172	-11.77	-1.83	-10.68	-51	-17	-93	-24	-23	
286	SLV 11	172	-11.57	-2.74	-6.09	-82	6	-96	-38	3	
51	SLV 7	317	-10.8	-1.63	-9.5	-41	0	0	-32	-21	
55	SLV 7	317	-10.31	-1.3	-3.22	-45	9	3	-30	5	
203	SLV 7	317	-8.35	0.76	-3.56	57	6	13	19	9	
29	SLV 11	476	-7.96	-1.45	-0.29	-12	-4	1	-13	1	
285	SLV 11	122	-7.65	-1.55	-0.73	-26	13	-67	-18	-1	
208	SLV 5	172	-7.3	-0.73	-2.89	52	-2	9	-16	9	
73	SLV 7	512	-7.14	0.1	-0.59	15	5	-1	12	3	
215	SLV 7	512	-6.93	-0.88	-0.16	18	3	-4	-11	2	
217	SLV 7	317	-6.7	-1.6	-1.6	-27	-5	-2	9	-18	
84	SLV 5	476	-6.68	0.15	-0.47	16	-6	-1	-11	3	
278	SLV 5	134	-6.19	-0.58	-0.47	-17	-3	-32	11	2	
279	SLV 5	134	-6.17	-0.61	-0.4	-17	-2	-44	10	2	
116	SLV 5	134	-6.16	-0.42	-0.84	-9	-5	-33	-13	-1	
115	SLV 5	134	-6.07	-0.35	0.02	-9	-7	-41	-13	0	
117	SLV 5	341	-5.98	-0.47	-0.96	-5	-5	-20	-12	-2	
277	SLV 5	341	-5.95	-0.82	-0.25	-12	-2	-20	8	1	
124	SLV 7	342	-5.62	0.64	-0.9	-4	6	-20	10	-1	
125	SLV 7	135	-5.48	0.44	-0.91	-6	7	-31	11	-2	
14	SLV 11	172	-5.47	-1.39	-47	-15	-89	-10.05	6	-17	
280	SLV 5	115	-5.4	-0.55	-0.31	-16	-1	-67	12	2	
126	SLV 7	135	-5.37	0.34	0.11	-7	9	-40	10	-1	
134	SLV 5	115	-5.23	-0.53	0.27	-11	-8	-61	-12	0	
127	SLV 7	116	-5.18	0.43	0.24	-11	9	-54	12	-1	
123	SLV 7	402	-5.07	0.78	-0.71	-3	5	-11	8	0	
273	SLV 5	401	-5	-1.04	-0.35	-8	-2	-11	5	0	
118	SLV 5	401	-4.98	-0.48	-0.67	-2	-4	-11	-8	-1	
226	SLV 7	471	-4.85	-0.51	4.84	17	-2	3	146	127	
15	SLV 11	426	-4.68	-1.44	-0.02	-9	-8	-6	-6	1	
122	SLV 7	464	-4.29	0.96	-0.68	-3	4	-3	6	-1	
128	SLU 7	97	-4.05	0.9	-0.52	-31	6	-84	11	14	
74	SLV 7	452	-3.96	-0.02	-0.82	6	10	-9	5	5	
80	SLV 7	452	-3.94	-0.04	-0.63	2	1	-4	6	2	
133	SLU 7	96	-3.9	-0.89	-1.13	-30	-8	-75	-11	14	
119	SLV 5	463	-3.87	-0.72	-0.63	-2	-4	-4	-5	-1	
283	SLV 11	103	-3.84	-0.24	-0.92	-3	12	-40	-9	3	
77	SLV 5	426	-3.65	0.36	-0.79	5	-10	-8	-4	5	
91	SLV 5	426	-3.63	0.39	-0.65	4	-1	-5	-5	2	
28	SLV 11	378	-3.59	0.17	-0.05	4	9	-30	3	-2	
289	SLV 5	354	-3.57	-1.46	0.58	-15	-2	-17	8	-2	
274	SLU 7	96	-3.52	-0.34	0.13	-28	21	-79	7	10	
287	SLV 5	139	-3.46	-0.32	1.07	-18	4	-24	11	0	
221	SLV 7	452	-3.41	-0.85	0.14	6	3	-12	-4	0	
290	SLV 5	354	-3.28	-1.57	-0.32	-12	-6	-11	8	1	
264	SLV 5	493	-3.16	-1	0.12	2	-2	-3	2	0	
46	SLV 9	464	-3.13	-1.54	0.03	3	-5	6	0	0	
197	SLV Y	128	-3.13	0.16	0.55	-7	-1	9	5	2	
50	SLV 9	464	-3.11	-1.63	0.23	3	-10	10	-1	-1	
59	SLV Y	128	-2.97	-0.53	-0.03	6	-2	11	-3	1	
223	SLV 7	391	-2.96	-0.49	-0.27	-12	-4	-5	2	-2	
54	SLV 9	402	-2.94	-1.4	-0.25	2	-10	22	1	1	
58	SLV 9	338	-2.84	-0.49	0.65	-9	6	9	-1	0	
57	SLV 9	338	-2.83	-0.23	0.65	-14	4	8	3	0	
53	SLV 9	399	-2.82	-1.35	0.23	-4	-14	6	4	0	
49	SLV 9	399	-2.81	-1.63	0.16	-5	-18	5	3	0	
202	SLV 5	122	-2.81	-0.03	1.04	-6	-2	0	-3	1	
114	SLV 7	213	-2.67	1.85	0.4	-52	52	-10	-29	14	
45	SLV 9	529	-2.65	-1.53	0	18	-8	1	0	0	
30	SLV 11	477	-2.64	-2.54	0.13	-21	-4	-3	-5	-1	
263	SLV 5	466	-2.6	-1.31	-1.35	-7	-5	-8	6	1	
272	SLV 5	466	-2.58	-1.42	-0.32	-2	-2	-1	0	0	
276	SLV 5	466	-2.48	-1.32	-0.14	-7	-3	-2	4	0	
220	SLV 7	513	-2.46	-2.14	0.16	23	2	-4	-4	-1	
260	SLV 5	469	-2.44	2.34	-2.04	-3	0	6	-22	-16	
96	SLV 9	495	-2.37	-0.84	-0.66	5	-7	-1	-4	-1	
1	SLV 11	364	-2.24	-1.06	0.46	-8	-9	-8	-3	-1	
222	SLV 7	361	-2.21	-1.96	-2.4	-14	-7	-13	4	-8	
82	SLV 11	510	-2.19	1.1	-0.56	5	8	-3	4	0	
56	SLV 9	337	-2.15	-0.1	1.75	-30	8	-17	10	0	
120	SLV 13	509	-2.14	-0.22	0.09	-18	-1	-2	1	-1	

Shell Ind	Cont. N.br.	Nodo Ind	Sollecitazione							
			Moo	Moz	Mzz	Foo	Foz	Fzz	Vo	Vz
13	SLV 11	377	-2.14	-1.24	-2.17	-15	27	-25	4	-13
121	SLV 15	509	-2.12	0.3	0.08	-19	1	-2	-1	-1
204	SLV 11	127	-2.08	1.38	-1.25	-3	9	4	1	0
207	SLV 9	123	-2.07	-1.31	-0.87	-4	-10	4	-1	3
198	SLV 11	127	-2.07	0.67	-1.15	-11	12	-11	2	3
201	SLV 9	123	-2.06	-0.62	-0.71	-12	-12	-13	-1	2
227	SLV 7	361	-2.05	-0.21	-2.59	-13	-4	-6	3	-5
112	SLV 1	258	-2.05	-1.82	0.79	-28	-36	-8	7	13
211	SLV 5	469	-2.05	2.84	-0.99	-1	-1	12	1	10
52	SLV 9	337	-2.03	-0.96	1.89	-27	-8	-5	9	2
60	SLV 7	130	-2.01	-1.51	-0.39	-3	1	-21	-8	0
27	SLV 11	377	-2.01	0.14	-2.65	-8	22	-24	3	-6
61	SLV 9	133	-2	0.7	0.54	-15	24	-2	2	-15
44	SLV 9	528	-1.99	-1.36	-0.01	31	-7	-2	2	0
62	SLV 9	133	-1.99	0.21	0.55	-11	20	4	-4	0
253	SLV 5	414	-1.96	2.18	-1.13	0	-7	3	27	3
209	SLV 7	468	-1.93	-2.1	-1.35	5	-1	-14	1	7
154	SLV 11	334	-1.91	0.39	-0.73	0	10	-11	4	1
147	SLV 13	462	-1.91	-0.2	-0.27	-3	-4	-5	1	-2
143	SLV 11	334	-1.88	0.33	-0.91	0	11	-17	5	2
148	SLV 13	462	-1.86	-0.35	-0.28	-3	-2	-5	-2	-1
47	SLV 7	391	-1.85	0.54	-0.16	-15	-2	-5	-3	-2
16	SLV 11	427	-1.8	-2.41	-0.4	-13	-8	-3	-3	1
206	SLV 15	124	-1.78	-0.24	-0.49	-19	0	-13	0	8
200	SLV 15	124	-1.78	0.19	-2.47	-20	6	-26	0	5
107	SLV 9	416	-1.78	-0.63	-0.32	0	-14	-13	-2	0
48	SLV 9	397	-1.77	-1.81	0.62	-8	-18	-12	7	2
261	SLV 7	415	-1.74	-2.16	-2.11	2	-4	-7	-8	17
205	SLV 13	126	-1.73	0.27	-2.36	-19	1	-13	0	8
199	SLV 13	126	-1.73	-0.17	-2.35	-20	-6	-26	0	5
94	SLV 11	417	-1.72	0.94	-0.38	0	10	-11	-1	1
135	SLV 11	129	-1.72	0.24	-0.55	-4	12	-26	6	2
105	SLV 9	416	-1.71	-0.65	-0.78	1	-13	-10	-3	1
262	SLV 7	415	-1.71	-2.18	-1.68	2	-4	-19	-13	-2
146	SLV 9	335	-1.69	-0.2	-0.75	-2	-11	-18	-5	2
210	SLV 5	469	-1.69	2.3	-1.93	-14	-2	6	1	-18
83	SLV 9	495	-1.67	-0.34	-0.13	2	-10	-3	-2	0
81	SLV 11	510	-1.67	0.66	-0.05	4	10	-4	2	0
149	SLV 9	335	-1.66	-0.18	-0.47	-1	-10	-11	-5	2
237	SLV 5	517	-1.65	1.81	-0.07	-35	-2	-3	1	1
98	SLV 9	416	-1.64	-0.67	-0.34	-1	-10	-11	2	1
110	SLV 11	417	-1.63	0.93	-0.72	0	14	-10	3	0
141	SLV 9	131	-1.63	-0.31	-0.41	-5	-12	-28	-6	2
270	SLV 9	74	-1.62	-5.79	-1.23	-8	23	-37	167	317
102	SLV 11	417	-1.61	0.82	-0.32	-1	10	-2	2	0
212	SLV 7	412	-1.57	-2.73	-0.77	12	0	-7	2	5
63	SLV 7	111	-1.57	-1.04	-0.03	-6	-6	-23	6	-2
109	SLV 11	417	-1.55	0.8	-0.3	-1	15	-12	3	-1
153	SLV 15	403	-1.55	0.23	-0.82	4	4	-4	0	-2
150	SLV 15	403	-1.55	0.42	-0.82	5	3	-4	2	-2
64	SLV 7	111	-1.53	-1.08	-0.02	-8	-9	-26	-1	-3
113	SLV 7	339	-1.45	0.84	0.14	-27	45	-77	10	-64
68	SLV 7	93	-1.42	-0.06	-1.91	-20	3	-26	1	2
282	SLV 7	84	-1.42	-0.16	-0.61	-11	-4	-35	1	6
193	SLV 7	106	-1.4	-0.11	0.02	-20	1	-28	-1	0
194	SLV 7	106	-1.39	0.08	0.02	-20	1	-28	1	0
182	SLV 7	238	-1.38	-1.03	-5.9	-4	8	-6	-5	-6
179	SLV 7	237	-1.38	-1.06	-7.18	3	3	-5	-4	-8
67	SLV 11	91	-1.37	-0.16	-1.54	-14	-7	-30	6	-2
271	SLV 5	491	-1.35	-0.78	-0.02	7	-1	-2	2	0
275	SLV 7	84	-1.35	-0.06	-0.2	-19	-10	-78	-4	10
232	SLV 5	516	-1.35	2.35	0	-33	-1	-2	1	1
69	SLV 7	93	-1.35	-0.21	-1.9	-22	9	-27	-3	1
65	SLV 7	93	-1.34	-0.16	-1.83	-25	14	-27	-3	-4
152	Tr sLV X	137	-1.34	-0.02	-0.94	2	0	1	-1	-1
151	Tr sLV X	137	-1.34	0.01	-0.94	2	0	1	1	-1
144	Tr sLV X	137	-1.34	-0.02	-0.9	2	0	1	-1	1
145	Tr sLV X	137	-1.34	0.01	-0.9	2	0	1	1	1
284	SLV 5	118	-1.33	0.34	1.09	-8	-1	-33	7	-2
254	SLV 7	407	-1.32	-2.01	-1.11	3	-3	-7	11	2
214	SLV 7	407	-1.31	-1.85	-0.47	7	0	2	-7	-7
195	SLV 9	105	-1.3	-0.26	-0.02	-14	-17	-15	1	0
192	SLV 11	107	-1.3	0.24	-0.16	-14	17	-15	-1	1
191	SLV Y	109	-1.23	0.09	0.11	2	2	-3	0	1
90	SLV 15	339	-1.23	0.45	0.82	0	7	-17	0	4
88	SLV 3	186	-1.23	-0.3	-2.71	-3	5	-13	1	-7
75	SLV 7	390	-1.22	0.31	-1.37	-4	12	-21	1	1
108	SLV 9	409	-1.21	-0.7	-0.53	-3	-12	-10	-3	1
101	SLV 15	475	-1.21	0.13	-0.28	-3	3	-1	1	0
266	SLV Y	17	-1.2	-0.63	-1.28	-1	7	5	12	-9
225	SLV 7	315	-1.2	-1.31	-6.43	-11	-4	-11	0	-7
291	SLV 11	378	-1.19	0.83	0.21	4	-5	-32	-1	-2
176	SLV 7	236	-1.19	-1.04	-7.67	-1	1	-6	-1	-8
104	SLV 13	421	-1.19	-0.21	-0.38	-5	-3	-2	0	1
97	SLV 9	409	-1.17	-0.68	-0.57	-2	-16	-11	-2	2
139	Tr sLV X	119	-1.17	0.06	-0.76	2	0	1	1	2
93	SLV 15	356	-1.17	0.69	-0.47	-6	10	-8	-1	0
268	SLV 7	14	-1.16	-0.85	-0.68	-1	10	-23	29	6
137	Tr sLV X	119	-1.16	-0.05	-0.76	2	0	1	-1	2
247	SLV 11	308	-1.16	-0.71	-6.44	-12	-1	-10	1	-8
100	SLV 11	360	-1.15	0.9	-0.48	-11	21	-21	-4	6
111	SLV 3	340	-1.15	0.41	1.51	-7	8	-84	-37	-109
89	SLV 15	339	-1.15	0.15	0.45	4	0	-6	4	-13
72	SLV 9	351	-1.15	-1.06	-1.02	-19	-25	-19	-4	-3
12	SLV 11	170	-1.14	-0.76	-7.28	-6	11	0	0	-8
43	SLV 9	527	-1.13	-1.03	0.02	40	-3	-4	2	0
78	SLV 13	340	-1.12	-0.44	0.94	0	-7	-16	1	6
244	SLV 11	309	-1.11	-0.78	-6.97	-13	0	-9	1	-8
158	SLV 7	231	-1.1	-0.7	-9.05	2	-5	-8	0	-8

Shell	Cont.	Nodo	Sollecitazione								
			Ind	Moo	Moz	Mzz	Foo	Foz	Fzz	Vo	Vz
161	SLV 11	232		-1.08	-0.77	-8.73	1	-2	-8	0	-8
196	SLV 9	104		-1.08	0.32	0.42	-9	-14	-29	2	0
136	SLV Y	110		-1.08	0.36	-0.15	-3	9	-13	1	1
164	SLV 11	233		-1.08	-0.81	-8.61	2	1	-8	0	-8
241	SLV 5	518		-1.06	1.56	0.04	-36	-1	-3	1	1
248	SLV 11	307		-1.05	-0.73	-5.72	-13	-1	-11	1	-8
95	SLV 9	404		-1.04	-0.82	-0.37	-2	-19	-6	-5	-1
86	SLV 9	404		-1.03	-0.93	-0.35	-4	-16	-9	-4	2
167	SLV 11	234		-1.02	-0.91	-8.36	1	2	-8	0	-8
173	SLV 7	235		-1.01	-1	-8.05	-1	0	-7	-1	-8
242	SLV 11	310		-1.01	-0.91	-7.02	-14	1	-9	0	-8
142	SLV 9	112		-1.01	-0.79	0.39	-15	-13	-37	-6	2
42	SLV 11	439		-1.01	0.28	0.05	18	7	-7	-2	0
99	SLV 11	360		-0.99	1.11	-0.72	-10	15	-13	2	0
76	SLV 13	340		-0.99	-0.03	0.81	3	0	-5	-3	-19
41	SLV 11	439		-0.99	0.08	0.29	19	10	-9	1	0
155	SLV 7	230		-0.98	-1.05	-9.06	-2	-8	-5	0	-8
216	SLV 7	390		-0.98	-0.71	1.63	-7	-4	-33	1	-9
170	SLV 11	235		-0.98	-0.97	-8.04	0	3	-8	0	-8
229	SLV 5	474		-0.97	2.48	-0.29	-22	-4	2	-4	-4
10	SLV 7	167		-0.96	-0.93	-7.93	12	2	-6	0	-10
219	SLV 7	423		-0.96	-0.5	0.11	-3	-2	-2	1	0
85	SLV 9	364		-0.95	0.87	-0.12	-21	-29	-40	0	-1
103	SLV 11	352		-0.95	1.27	-1.14	-10	15	-24	1	-5
9	SLV 7	166		-0.94	-0.96	-7.94	14	1	-8	0	-10
8	SLV 7	165		-0.94	-1	-7.8	15	-1	-8	0	-10
238	SLV 11	311		-0.93	-1.04	-7.08	-15	1	-9	0	-8
11	SLV 7	168		-0.91	-0.88	-7.76	9	3	-4	0	-10
267	SLV Y	74		-0.91	-0.23	-0.17	-3	10	18	8	-10
249	SLV 7	358		-0.9	-1.51	-2.52	-5	-7	-8	-2	-4

Sollecitazioni con momento Moo massimo

Vengono mostrati i soli 200 gusci più sollecitati.

Shell	Cont.	Nodo	Sollecitazione								
			Ind	Moo	Moz	Mzz	Foo	Foz	Fzz	Vo	Vz
51	SLV 9	317		11.79	1.57	11.9	-55	-10	-93	36	26
203	SLV 9	317		11.52	-0.3	-6.64	-76	-17	-110	-34	18
55	SLV 9	317		11.07	1.88	4.67	-61	11	-94	31	-7
286	SLV 5	172		10.75	1.95	4.88	-25	6	-3	37	-2
208	SLV 11	172		10.6	0.19	-7.24	-73	15	-116	32	17
288	SLV 5	172		10.23	1.79	8.38	-28	-2	-6	21	19
84	SLV 11	476		8.47	-0.46	0.64	-20	6	-3	13	-4
73	SLV 9	512		8.16	0.27	0.71	-18	-6	-3	-13	-4
215	SLV 9	512		7.75	1.24	0.2	-16	-4	0	12	-1
59	SLV 9	128		6.65	0.52	0.02	-23	12	-63	13	-1
197	SLV 9	128		6.51	-0.26	1.56	1	1	-54	-16	-5
29	SLV 5	476		6.43	1.06	0.23	12	3	-4	11	-1
202	SLV 11	122		6.19	0.2	1.86	1	-1	-63	16	-4
14	SLV 5	172		6.13	1.65	7.97	-33	-3	-7	-8	14
217	SLV 9	317		6.11	1.06	11.33	-48	17	-87	-8	22
58	SLV 7	342		5.49	0.59	0.81	-11	-4	-29	-5	-1
226	SLV 9	471		5.47	0.61	-5.8	-31	-2	0	-172	-152
62	SLV 7	135		5.43	0.37	0.95	-13	-5	-42	-7	-3
54	SLV 7	342		5.42	0.75	0.17	-9	-3	-20	-5	-1
77	SLV 11	426		5.29	-0.77	1.3	-10	9	-11	7	-7
66	SLV 7	116		5.2	0.4	0.58	-13	-6	-56	-13	-2
91	SLV 11	426		5.18	-0.93	1.16	-7	2	-2	8	-3
74	SLV 9	452		5.12	0.44	1.27	-10	-9	-9	-7	-6
80	SLV 9	452		5.04	0.6	0.94	-5	-1	-1	-8	-2
50	SLV 7	402		5.01	1.15	0.21	-8	-2	-10	-4	0
221	SLV 9	452		4.49	1.22	0.12	-9	-7	-5	6	0
46	SLV 7	464		4.29	1.25	-0.04	-2	-3	-4	-1	-1
70	SLV 7	97		4.11	0.08	-0.13	-33	23	-82	-12	-9
53	SLV 7	338		3.94	0.63	0.07	-15	1	-16	-7	1
57	SLV 7	338		3.93	0.26	-0.3	-15	0	-24	-6	0
152	SLV 1	137		3.87	-0.28	1.69	-10	-3	-14	1	1
151	SLV 1	137		3.87	-0.28	1.74	-10	-3	-14	-3	1
145	SLV 1	137		3.86	-0.29	1.62	-10	-4	-16	-3	0
144	SLV 3	137		3.86	0.31	1.59	-10	4	-16	3	0
49	SLV 7	399		3.84	1.36	0.22	-9	-2	-10	-5	0
139	SLV 1	119		3.79	-0.37	1.95	-13	-5	-17	-3	-1
137	SLV 1	119		3.79	-0.2	1.94	-13	-3	-17	2	-2
63	SLV 9	109		3.58	-0.02	0.41	0	8	-37	7	-2
45	SLV 7	529		3.55	1.25	-0.07	8	-2	-3	0	1
191	SLV 9	109		3.51	-0.64	-0.39	-12	0	-38	-5	1
153	SLV 1	348		3.44	-0.3	1.31	-8	-3	-11	1	3
278	SLV Y	341		3.44	0.53	0.18	2	2	19	-4	-1
149	SLV 3	140		3.43	0.3	1.21	-9	3	-12	-5	0
150	SLV 1	348		3.43	-0.26	1.31	-8	-3	-10	-2	3
285	SLV 5	122		3.41	1.39	0.36	2	3	-3	7	1
154	SLV 1	138		3.37	-0.3	1.29	-9	-3	-13	6	0
117	SLV Y	341		3.34	0.66	0.38	3	5	14	5	1
143	SLV 1	138		3.33	-0.23	1.66	-9	-2	-15	6	0
270	SLV 7	74		3.33	-0.23	-0.16	-21	20	-25	-151	-11
146	SLV 3	140		3.32	0.27	1.54	-9	2	-14	-5	0
277	SLV Y	341		3.29	0.72	-0.15	4	1	13	-5	-1
223	SLV 9	391		3.27	-0.07	0.25	3	11	-29	-3	2
148	SLV 1	403		3.24	-0.42	0.65	-4	-3	-7	2	2
147	SLV 1	403		3.24	-0.11	0.65	-5	-3	-8	-3	2
116	SLV Y	341		3.21	0.42	-0.31	4	5	17	4	1
287	SLV 11	139		3.21	0.05	-1.18	-31	5	5	-9	0
196	SLV 11	103		3.2	0.77	-0.76	-11	-1	-43	5	1
138	SLV 7	101		3.19	0.11	2.01	-17	0	-23	2	0
135	SLV 1	120		3.18	0.24	1.71	-12	-1	-17	7	-1
140	SLV 7	101		3.17	-0.11	2.01	-17	0	-22	-2	0
289	SLV 11	354		3.16	1.47	-0.41	-18	-12	1	-6	1
15	SLV 5	426		3.15	1.04	-0.26	7	4	-11	4	0
123	SLV 9	464		3.13	-1.57	0.46	2	2	11	-4	-3

Shell	Cont.	Nodo	Sollecitazione								
			Moo	Moz	Mzz	Foo	Foz	Fzz	Vo	Vz	
141	SLV 3	121	3.13	-0.17	1.68	-11	1	-16	-7	-1	
28	SLV 5	378	3.12	0.23	0.08	-14	-2	-7	-3	2	
118	SLV 11	463	3.12	1.28	0.66	2	-3	12	3	-3	
273	SLV 11	401	3.1	1.3	0.4	-4	-15	14	-1	2	
61	SLV 7	133	3.09	-0.33	0.12	-15	-3	-33	-7	-2	
122	SLV 9	464	3.09	-1.46	0.56	2	1	3	-4	1	
119	SLV 11	463	3.04	1.22	0.28	1	-1	3	3	0	
220	SLV 9	513	3.01	2.56	-0.2	-24	-4	-1	5	2	
279	SLV Y	134	2.99	0.09	0.27	4	4	23	-4	-2	
96	SLV 7	495	2.88	0.83	0.96	-9	8	-2	5	1	
115	SLV Y	134	2.85	0.22	-0.35	4	6	20	4	1	
124	SLV 9	402	2.81	-1.41	-0.11	2	-2	23	-2	-2	
120	SLV 3	462	2.79	0.43	-0.1	-1	2	-3	-2	0	
121	SLV 1	462	2.77	-0.39	-0.11	-1	-2	-3	2	0	
290	SLV 11	354	2.73	1.79	-0.11	-9	-18	-3	-6	-1	
44	SLV 7	528	2.67	1.04	0.02	9	-1	-2	-3	0	
264	SLV 11	493	2.61	1.24	-0.06	23	-11	0	-2	-1	
142	SLV 7	102	2.6	-0.6	1.54	-16	-2	-21	-7	1	
136	SLV 7	100	2.59	0.64	1.58	-16	2	-21	7	1	
82	SLV 5	510	2.47	-0.88	0.72	-8	-8	0	-4	-1	
266	SLV 9	17	2.4	0.95	2.52	4	-13	0	-27	30	
268	SLV 7	13	2.37	-0.12	0.59	5	12	0	35	35	
125	SLV 5	334	2.3	-1.1	0.46	-3	-8	1	5	-1	
216	SLV 9	390	2.26	1.08	-0.58	-6	-7	-6	2	2	
113	SLV 15	228	2.24	-1.1	3.19	-12	8	-67	-46	70	
281	SLV 7	94	2.22	-0.25	-0.53	-36	15	-5	8	-12	
222	SLV 9	361	2.22	1.27	2.32	-14	27	-22	-4	12	
48	SLV 7	460	2.22	1.32	-0.05	-10	-3	-7	-4	-2	
88	SLV 11	364	2.19	-0.07	1.17	-1	15	6	3	-5	
85	SLV 7	364	2.18	-0.74	0.59	-11	12	-15	0	-6	
282	SLV 9	78	2.17	3.16	5.42	-19	-11	-40	31	70	
209	SLV 9	468	2.16	2.51	1.74	-14	-9	-7	-2	-9	
60	SLV 9	130	2.14	1.21	1.09	-32	26	-41	10	-3	
107	SLV 7	416	2.14	0.6	0.68	-4	13	-5	3	-3	
75	SLV 9	390	2.12	-0.12	1.16	-1	-14	5	-3	-4	
13	SLV 5	377	2.12	1.75	2.26	-14	-4	-12	-3	8	
263	SLV 11	466	2.12	1.54	1.05	20	-18	-15	-5	-2	
272	SLV 11	466	2.11	1.55	0.09	8	-9	0	0	-1	
52	SLV 7	397	2.1	1.19	-0.46	-12	-3	-12	-9	-2	
56	SLV 7	337	2.08	-0.09	-1.29	-25	3	-18	-10	1	
227	SLV 9	361	2.06	-0.29	2.51	-8	23	-24	-3	5	
261	SLV 9	415	2.05	2.56	2.44	-16	-6	-7	12	-23	
67	SLV 7	90	2.05	0.21	0.13	-19	-13	-85	8	-11	
276	SLV 11	466	2.02	1.52	-0.04	18	-9	-2	-4	0	
27	SLV 5	377	1.99	0.17	2.71	-14	-1	-7	-3	6	
185	SLV 7	90	1.99	-0.38	0.53	-28	15	-85	-4	-13	
98	SLV 7	416	1.98	0.4	0.54	-5	10	-4	1	-4	
131	SLV 7	81	1.97	-0.29	2.59	-17	2	-31	0	-11	
83	SLV 7	495	1.97	0.13	0.17	-6	9	-3	3	0	
262	SLV 9	415	1.97	2.56	1.44	-15	-9	-3	15	1	
105	SLV 7	416	1.96	0.51	1.08	-6	12	-2	4	-3	
81	SLV 5	510	1.91	-0.34	-0.01	-7	-9	-2	-2	0	
280	SLV Y	115	1.91	-0.12	0.27	3	5	27	-3	-1	
130	SLV 7	81	1.89	0.26	2.6	-17	-3	-31	0	-11	
126	SLV 5	129	1.88	-0.44	0.65	-6	-11	-2	7	-1	
30	SLV 5	477	1.87	2.03	-0.1	17	2	-3	3	0	
94	SLV 5	417	1.81	-0.53	0.56	-5	-8	-2	-2	-3	
71	SLV 5	390	1.8	0.68	0.55	-9	-12	-13	0	-6	
190	SLV 7	84	1.78	0.3	0.85	-28	-14	-74	4	-12	
134	SLV Y	115	1.78	0.15	-0.47	1	6	24	2	1	
132	SLV 7	83	1.76	-1.22	2.32	-23	6	-29	-1	-8	
47	SLV 9	391	1.76	-1.13	0.1	8	-4	-32	2	2	
260	SLV 11	469	1.73	-1.72	1.65	3	1	-6	18	15	
267	SLV 5	74	1.73	0.28	-0.44	8	-11	-29	-15	34	
283	SLV 9	98	1.72	1.16	0.65	-13	-5	-34	-5	-1	
109	SLV 5	417	1.69	-0.64	0.58	-3	-13	-5	-3	-2	
129	SLV 7	80	1.66	1.2	2.36	-23	-7	-31	1	-9	
110	SLV 5	417	1.65	-0.68	0.93	-5	-13	-1	-4	-2	
284	SLV 9	98	1.63	1.13	0.63	-16	1	-29	4	2	
212	SLV 9	412	1.63	3.4	0.72	-28	-11	-6	0	-7	
112	SLV 9	250	1.61	-0.88	0.65	-46	-54	-13	32	4	
102	SLV 5	417	1.6	-0.64	0.3	-4	-9	-4	-3	-1	
43	SLV 7	527	1.57	0.64	-0.03	11	-1	-3	-2	0	
214	SLV 9	407	1.48	2.44	0.34	-16	-6	-5	24	2	
254	SLV 9	407	1.47	2.57	0.91	-12	-5	-5	-14	-4	
182	SLV 9	238	1.47	0.95	6.06	-4	10	-11	5	6	
253	SLV 5	418	1.47	2.9	-0.26	-5	-9	1	-19	-12	
114	SLV 1	339	1.44	-0.08	-1.37	1	21	-3	3	10	
179	SLV 9	237	1.44	0.98	7.27	-3	6	-5	4	8	
192	SLV 9	108	1.41	-1.08	0.51	-9	-10	-32	-5	-2	
211	SLV 11	469	1.41	-2.15	0.7	0	-1	-16	1	-10	
127	SLV 5	110	1.41	0.22	0.64	-8	-12	-8	9	0	
198	SLV 5	108	1.4	-0.92	0.47	-6	-11	-36	-5	0	
291	SLV 5	378	1.38	-0.35	-0.12	-15	-2	-7	2	2	
65	SLV 7	114	1.36	-0.56	-0.2	-14	-3	-40	-7	-3	
247	SLV 5	308	1.34	0.78	6.89	12	-1	-6	-1	10	
237	SLV Y	517	1.3	-1.26	0.07	19	0	0	0	-1	
16	SLV 5	427	1.3	1.83	0.31	5	1	-10	2	0	
101	SLV 1	475	1.3	0.09	0.31	-2	-4	-3	-1	0	
275	SLV 9	78	1.27	0.56	3.09	-6	1	-48	-1	-12	
244	SLV 5	309	1.26	0.67	7.5	13	0	-7	-1	10	
248	SLV 5	307	1.25	1	6.14	12	-3	-6	-1	11	
274	SLV 5	77	1.25	0.4	0.77	-2	-14	-38	5	-22	
195	SLV 7	104	1.23	0.87	0.49	-7	12	-24	4	-2	
176	SLV 9	236	1.23	0.97	7.73	-1	4	-7	2	8	
204	SLV 5	127	1.22	-0.69	0.9	-18	-15	-42	-5	14	
201	SLV 7	104	1.21	0.9	0.39	-6	13	-38	4	0	
97	SLV 7	409	1.21	0.84	0.48	-2	14	-4	1	-4	
207	SLV Y	123	1.19	0.75	0.32	-5	11	-22	2	4	

Shell Ind	Cont. N.br.	Nodo Ind	Sollecitazione							
			Moo	Moz	Mzz	Foo	Foz	Fzz	Vo	Vz
225	SLV 9	315	1.19	0.68	7.31	-8	12	0	0	9
78	SLV 3	340	1.17	0.7	-1.11	-2	2	-26	4	1
210	SLV Y	469	1.14	-1.67	1.42	14	-1	-2	0	13
90	SLV 1	339	1.14	-0.65	-1	-3	-2	-26	-4	3
12	SLV 5	170	1.14	1.22	6.42	-16	-2	-11	0	6
242	SLV 5	310	1.13	0.71	7.71	13	0	-7	0	10
108	SLV 7	409	1.13	0.77	0.37	-3	11	1	3	-2
104	SLV 3	421	1.13	0.28	0.43	-1	5	-6	1	-2
111	SLV 13	340	1.11	-0.67	-2.18	-4	-15	-43	35	111
133	SLV 11	92	1.09	-0.52	1.04	-13	18	-11	-7	-1
164	SLV 5	233	1.09	0.73	8.6	1	-4	-8	0	8
161	SLV 5	232	1.08	0.67	8.71	2	-4	-9	0	8
33	SLV 7	481	1.07	-2.23	-0.03	-36	-2	-3	0	-1
158	SLV 9	231	1.05	0.63	8.9	3	0	-6	0	8
238	SLV 5	311	1.05	0.76	7.86	12	2	-7	0	10
173	SLV 9	235	1.04	0.92	8.08	-1	2	-8	1	8
232	SLV Y	516	1.03	-1.71	0	20	-1	0	-1	-1
167	SLV 5	234	1.03	0.83	8.36	0	-3	-8	0	8
32	SLV 7	480	1.02	-2.53	0.01	-32	-3	-3	-1	-1
235	SLV 5	312	1.02	0.8	7.85	11	3	-6	0	10
269	SLV 11	75	1.01	-0.32	-1.07	29	20	19	46	2
92	SLV 7	351	1	0.98	0.2	11	21	-6	-5	-7
219	SLV 9	423	1	0.04	-0.11	15	11	-9	-1	0
271	SLV 11	491	1	1.02	0.01	49	-2	-5	-1	0
100	SLV 5	352	0.99	-0.96	0.29	12	-21	-5	4	-6
106	SLV 7	351	0.99	0.95	0.3	7	12	8	-2	2
170	SLV 5	235	0.98	0.89	8.07	0	-2	-7	0	8
230	SLV 5	313	0.97	0.77	7.69	7	4	-5	0	10
95	SLV 7	404	0.96	0.89	0.08	-2	19	-3	5	0
34	SLV 7	481	0.96	-2.05	0.03	-39	-2	-3	0	-1
86	SLV 7	404	0.96	1.07	0.05	-2	15	5	4	1
155	SLV 9	230	0.95	1.02	8.83	0	-4	-5	0	8
128	SLV 9	82	0.95	0.62	1.13	-14	-18	-13	6	-1
72	SLV 3	356	0.95	0.45	0.14	2	5	-5	-2	-2
218	SLV 9	423	0.95	-0.32	-0.12	14	8	-6	2	0
42	SLV 5	439	0.93	0.03	-0.04	-3	0	-3	2	0
76	SLV 3	340	0.93	0.1	-1.51	0	3	-4	4	31
2	SLV 5	365	0.93	1.26	0.6	-5	2	-10	1	3

Sollecitazioni con momento Mzz minimo

Vengono mostrati i soli 200 gusci più sollecitati.

Shell Ind	Cont. N.br.	Nodo Ind	Sollecitazione							
			Moo	Moz	Mzz	Foo	Foz	Fzz	Vo	Vz
155	SLV 11	229	-0.51	-1.09	-10.77	-3	-8	-35	0	-11
288	SLV 11	172	-11.77	-1.83	-10.68	-51	-17	-93	-24	-23
203	SLV 15	317	-0.01	0.51	-10.45	1	-10	-93	-5	25
14	SLV 11	172	-5.47	-1.39	-10.05	-47	15	-89	6	-17
208	SLV 15	172	5.49	-0.3	-10.03	-37	15	-122	20	23
51	SLV 7	317	-10.8	-1.63	-9.5	-41	0	0	-32	-21
13	SLV 11	171	-0.55	-1.09	-9.43	-22	16	-18	-1	-13
217	SLV 7	317	-6.7	-1.6	-9.09	-27	-5	-2	9	-18
158	SLV 11	231	-1.09	-0.7	-9.06	2	-2	-8	0	-8
161	SLV 11	231	-0.86	-0.74	-9.04	0	-2	-9	0	-8
164	SLV 11	232	-0.86	-0.78	-8.71	-1	0	-7	0	-8
167	SLV 11	233	-0.88	-0.87	-8.59	-1	1	-8	0	-8
170	SLV 7	234	-0.93	-0.95	-8.35	-1	-1	-8	0	-8
173	SLV Y	235	-0.98	-0.64	-8.06	-1	1	0	-1	-8
9	SLV 7	166	-0.94	-0.96	-7.94	14	1	-8	0	-10
10	SLV 7	167	-0.96	-0.93	-7.93	12	2	-6	0	-10
8	SLV 7	166	-0.86	-0.98	-7.93	14	0	-8	0	-10
207	SLV 15	174	-1.89	-0.38	-7.88	-10	6	-36	0	15
204	SLV 13	291	-1.71	0.41	-7.83	-11	-4	-36	0	15
176	SLV Y	236	-1.12	-0.66	-7.8	-2	1	0	-1	-8
7	SLV 7	165	-0.8	-1.01	-7.79	15	0	-8	0	-10
11	SLV 7	168	-0.91	-0.88	-7.76	9	3	-4	0	-10
12	SLV 11	169	-0.94	-0.84	-7.55	-1	10	-2	0	-10
179	SLV Y	237	-1.28	-0.66	-7.49	2	1	0	-3	-8
6	SLV 11	164	-0.77	-1.12	-7.44	14	5	-8	1	-10
222	SLV 7	316	0.09	-1.98	-7.4	-13	-5	-12	-2	-8
238	SLV 11	311	-0.93	-1.04	-7.08	-15	1	-9	0	-8
242	SLV 11	311	-0.64	-1.01	-7.04	-15	2	-9	0	-8
235	SLV 11	312	-0.89	-1.16	-7.04	-17	2	-10	0	-8
244	SLV 11	309	-1.11	-0.78	-6.97	-13	0	-9	1	-8
230	SLV 11	313	-0.84	-1.24	-6.91	-18	2	-10	0	-7
5	SLV 11	163	-0.67	-1.23	-6.88	14	4	-6	1	-10
247	SLV 7	309	-0.38	-0.62	-6.83	-13	-6	-9	0	-8
205	SLV 13	272	-0.78	0.34	-6.79	7	2	-13	-2	8
225	SLV 11	314	-0.92	-1.38	-6.76	-17	2	-10	0	-8
206	SLV 15	240	-1.33	0.08	-6.64	9	-1	-20	2	7
70	SLV 11	65	0.05	0.23	-6.58	1	8	-89	-1	-15
182	SLV Y	238	-1.28	-0.53	-6.56	-2	1	1	-4	-6
289	SLV 11	344	1.08	1.7	-6.49	-28	-6	-19	-9	16
286	SLV 11	344	2.76	1.47	-6.34	-55	-27	-16	-34	5
248	SLV 7	308	-0.34	-0.48	-6.33	-13	-6	-9	1	-8
67	SLV 11	61	0.07	-0.64	-6.3	-1	-8	-72	1	-14
4	SLV 11	162	-0.61	-1.38	-6.05	14	2	-5	1	-9
226	SLV 9	471	5.47	0.61	-5.8	-31	-2	0	-172	-152
250	SLV 7	307	-0.37	-0.51	-5.64	-14	-7	-11	2	-7
185	SLV 7	61	0.24	0.61	-5.49	-6	10	-70	0	-13
190	SLV 5	12	-0.17	-0.45	-5.47	-6	-9	-61	-1	-15
111	SLV 1	250	-0.75	-2.51	-5.45	-15	-16	-96	-34	-108
113	SLV 3	220	-0.71	2.81	-5.31	-20	13	-101	41	-102
156	SLV 7	379	0.11	-0.33	-5.08	-2	-6	-16	1	-6
56	SLV 7	336	-0.66	-0.56	-5	-26	4	-15	-10	9
55	SLV 7	336	-0.31	-1.52	-4.97	-40	6	-12	-29	11
3	SLV 11	161	-0.53	-1.56	-4.92	12	-1	-5	2	-7
159	SLV 11	380	-0.44	-0.5	-4.87	-6	-4	-12	0	-6
162	SLV 7	381	-0.63	-0.55	-4.63	-4	-9	-4	0	-6

Shell	Cont.	Nodo	Sollecitazione								
			Moo	Moz	Mzz	Foo	Foz	Fzz	Vo	Vz	
165	SLV 11	382	-0.65	-0.63	-4.47	-4	-2	-6	0	-5	
251	SLV 11	306	-0.5	-0.82	-4.35	-13	0	-16	2	-5	
168	SLV 11	383	-0.65	-0.69	-4.3	-4	2	-6	0	-5	
171	SLV 11	384	-0.62	-0.72	-4.11	-5	1	-6	0	-5	
174	SLV Y	385	-0.51	-0.44	-3.92	1	-1	0	0	-5	
177	SLV Y	386	-0.43	-0.38	-3.72	1	-1	0	0	-5	
216	SLV 7	303	0.44	-0.45	-3.65	-8	-1	-27	3	-9	
2	SLV 7	160	-0.54	-1.61	-3.56	8	-6	-5	2	-6	
69	SLV 7	64	-0.35	-0.81	-3.48	5	-9	-27	-1	-4	
180	SLV Y	387	-0.29	-0.25	-3.45	1	-1	0	0	-4	
183	SLV Y	389	-0.1	-0.24	-3.3	0	0	1	0	-4	
131	SLV 1	43	-0.15	-0.19	-3.23	0	1	-22	0	-10	
130	SLV 1	43	-0.14	-0.06	-3.23	-2	0	-22	0	-10	
227	SLV 7	362	-0.29	-0.38	-3.07	-13	-5	-6	3	-5	
231	SLV 7	362	-0.47	-0.31	-3.05	-10	-5	-6	0	-5	
239	SLV 11	393	-0.58	-1.18	-2.96	-5	2	-5	0	-4	
234	SLV 7	392	-0.49	-1.21	-2.95	-9	-5	-7	0	-4	
114	SLV 3	220	0.23	4.05	-2.95	-30	39	-10	-8	14	
252	SLV 11	305	-0.65	-0.99	-2.93	-11	4	-17	2	-3	
243	SLV 11	393	-0.25	-1.19	-2.92	-5	1	-7	-1	-4	
274	SLV Y	18	0	-0.5	-2.89	-4	5	31	-3	-6	
199	SLV 15	125	-1.67	0.22	-2.89	-15	6	-14	0	5	
200	SLV 15	125	-1.64	0.08	-2.89	-17	5	-14	0	5	
52	SLV Y	336	-0.78	0.7	-2.87	-8	2	-4	-6	-3	
26	SLV 11	376	-0.44	0.03	-2.86	-6	20	-3	0	-4	
27	SLV 11	376	-0.15	-0.03	-2.86	-12	25	-6	3	-5	
112	SLV 1	250	0.29	-3.88	-2.86	-28	-38	-10	7	13	
24	SLV Y	373	-0.33	-0.63	-2.84	3	2	1	0	-4	
23	SLV Y	373	-0.29	-0.67	-2.83	3	2	1	0	-4	
245	SLV 11	396	0	-1.21	-2.82	-4	1	-6	-1	-4	
68	SLV 11	62	-0.48	-0.34	-2.81	3	-2	-25	0	-2	
25	SLV Y	374	-0.29	-0.56	-2.8	3	2	1	0	-4	
22	SLV Y	372	-0.21	-0.76	-2.8	3	1	0	0	-4	
87	SLV 3	186	-0.42	-0.24	-2.77	-5	7	-10	-2	-5	
287	SLV 11	136	-1.13	-1.14	-2.75	-35	18	-35	-11	4	
85	SLV 1	158	0.09	-0.45	-2.71	6	-6	-30	0	-7	
88	SLV 3	186	-1.23	-0.3	-2.71	-3	5	-13	1	-7	
21	SLV Y	371	-0.12	-0.87	-2.7	3	1	0	0	-4	
71	SLV 3	303	0.06	0.54	-2.7	5	5	-30	0	-7	
129	SLV 1	51	-0.02	0.33	-2.69	0	-3	-21	-1	-9	
246	SLV 7	394	-0.85	-1.38	-2.66	-5	-7	-6	-1	-4	
285	SLV 11	136	-0.41	-0.24	-2.6	-40	22	-43	-17	4	
198	SLV 15	126	-1.59	0.31	-2.6	-19	-1	-22	-2	6	
132	SLV 3	35	-0.02	-0.35	-2.59	0	2	-18	1	-8	
249	SLV 7	394	0.34	-1.15	-2.55	-7	-8	-7	-2	-4	
201	SLV 13	124	-1.66	-0.24	-2.54	-19	1	-22	2	6	
28	SLV 11	377	-1.35	0.21	-2.52	1	15	-23	3	-6	
20	SLV Y	370	-0.03	-1.02	-2.51	2	1	0	0	-4	
186	SLV 3	56	-0.16	0.08	-2.48	-3	-2	-11	-1	-4	
257	SLV 7	350	-0.7	-1.62	-2.45	-6	-7	-11	-1	-5	
189	SLV 1	26	-0.24	0.05	-2.41	-3	3	-12	0	-4	
79	SLV 1	287	-0.36	0.31	-2.37	-5	-7	-11	1	-4	
223	SLV 7	361	-1.48	-0.12	-2.36	-11	-4	-6	2	-6	
256	SLV 7	350	0.15	-1.35	-2.32	-7	-8	-12	-1	-3	
75	SLV 1	287	-1.07	0.32	-2.32	-3	-5	-12	-1	-6	
134	SLV 15	115	-1.95	0.67	-2.22	-7	12	-14	-8	5	
19	SLV Y	369	0.05	-1.2	-2.21	2	1	0	0	-4	
115	SLV 15	134	0.19	0.81	-2.17	-2	8	18	0	4	
261	SLV 7	415	-1.74	-2.16	-2.11	2	-4	-7	-8	17	
90	SLV 7	186	0.08	-0.13	-2.11	4	19	-7	-3	3	
89	SLV 3	339	0.59	0.26	-2.1	4	0	-8	-3	39	
133	SLV 15	96	-2.5	-0.43	-2.08	-19	6	-52	-9	16	
212	SLV 7	415	-0.57	-2.24	-2.05	16	-3	-7	2	5	
260	SLV 5	469	-2.44	2.34	-2.04	-3	0	6	-22	-16	
255	SLV 11	349	-0.09	-1.61	-2.01	-4	1	-12	0	-2	
210	SLV 5	469	-1.69	2.3	-1.93	-14	-2	6	1	-18	
76	SLV 1	340	0.67	-0.24	-1.92	3	0	-8	4	37	
275	SLV Y	12	-0.1	0.03	-1.89	1	5	16	-1	-2	
282	SLV Y	78	-0.94	-1.07	-1.88	12	10	17	-9	-24	
157	SLV 7	441	-0.03	-0.18	-1.87	0	-1	-6	0	-3	
78	SLV 1	287	-0.66	0.22	-1.86	1	-8	-15	4	1	
152	SLV 13	137	-0.52	-0.39	-1.86	6	-3	-4	-1	0	
269	SLV Y	77	-0.03	-0.06	-1.85	9	12	33	-10	-1	
64	SLV 11	93	-1.33	-0.79	-1.85	-21	-2	-27	0	-3	
65	SLV 11	93	-1.29	-0.95	-1.85	-24	5	-27	-3	-4	
18	SLV Y	368	0.09	-1.42	-1.82	1	1	2	0	-3	
151	SLV 13	137	-0.51	-0.16	-1.81	6	-4	-4	-1	0	
144	SLV 15	137	-0.52	0.2	-1.81	6	4	-6	1	2	
254	SLV 5	414	-0.89	2.37	-1.8	-11	-6	1	-4	12	
145	SLV 13	137	-0.51	-0.15	-1.78	6	-4	-6	-1	2	
187	SLV 3	50	-0.21	0.17	-1.77	-5	2	-16	0	-2	
1	SLV Y	158	0.28	-0.53	-1.76	1	-3	7	2	-4	
188	SLV 1	34	-0.19	-0.09	-1.74	-5	-1	-16	0	-2	
143	SLV 15	138	-0.93	-0.28	-1.72	6	4	-7	0	2	
160	SLV 11	442	-0.22	-0.32	-1.72	-3	-3	-5	0	-3	
126	SLV 13	135	0.04	-0.7	-1.71	-3	-8	16	0	3	
154	SLV 15	138	-1	-0.15	-1.7	6	3	-3	0	0	
146	SLV 15	140	-0.42	0.92	-1.68	7	2	-3	2	1	
262	SLV 7	415	-1.71	-2.18	-1.68	2	-4	-19	-13	-2	
149	SLV 15	345	-0.83	0.48	-1.66	8	0	-1	4	2	
116	SLV 15	341	1.43	0.79	-1.66	2	2	32	3	1	
290	SLV 11	408	-0.04	2.05	-1.65	6	-11	-17	-8	5	
53	SLV Y	337	0.98	0.65	-1.64	-3	-1	-3	-4	-2	
163	SLV 11	443	-0.37	-0.44	-1.62	-7	-1	-4	0	-3	
57	SLV Y	337	1.05	0.02	-1.59	-4	-2	-4	-4	1	
150	SLV 15	348	-1.15	0.44	-1.54	8	2	-3	1	-2	
214	SLV 5	414	0.47	3.32	-1.53	-9	-6	0	26	0	
166	SLV 7	444	-0.42	-0.52	-1.53	-8	-4	-2	0	-3	
153	SLV 15	348	-1.15	0.24	-1.53	7	4	-3	1	-1	

Shell Ind	Cont. N.br.	Nodo Ind	Sollecitazione								
			Moo	Moz	Mzz	Foo	Foz	Fzz	Vo	Vz	
63	SLU 7	91	-1.06	0.11	-1.51	-18	-2	-42	10	-3	
125	SLV 15	334	-1.04	-0.51	-1.47	3	4	1	-1	0	
117	SLV 15	335	0.02	0.94	-1.47	2	-4	7	4	-1	
100	SLV 11	352	-0.97	1.23	-1.46	-17	26	-32	-4	6	
169	SLV 11	445	-0.4	-0.57	-1.44	-9	1	-3	0	-3	
124	SLV 15	334	-1.12	-0.3	-1.44	2	8	1	-2	-1	
127	SLV 13	116	-2.19	-0.59	-1.4	-8	-12	-13	8	3	
270	SLV Y	76	0	-0.44	-1.39	6	8	5	7	2	
278	SLV Y	139	1.67	0.13	-1.38	1	3	10	-4	3	
17	SLV Y	367	0.07	-1.63	-1.37	0	-3	2	0	-2	
263	SLV 5	466	-2.6	-1.31	-1.35	-7	-5	-8	6	1	
209	SLV 7	468	-1.93	-2.1	-1.35	5	-1	-14	1	7	
172	SLV 11	446	-0.35	-0.58	-1.34	-9	2	-3	0	-3	
259	SLV 7	406	-0.2	-1.94	-1.33	0	-3	-11	1	-2	
141	SLV 13	121	-0.14	0.41	-1.33	1	-4	-9	-2	5	
139	SLV 13	121	-0.06	0.17	-1.32	1	-5	-11	-1	5	
266	SLV Y	17	-1.2	-0.63	-1.28	-1	7	5	12	-9	
66	SLU 7	95	-0.28	-0.14	-1.27	-29	18	-36	-14	-4	
196	SLV 15	103	2.35	1.05	-1.26	-11	-7	-53	4	3	
135	SLV 15	120	-0.26	-0.38	-1.26	1	4	-9	2	5	
175	SLV Y	447	-0.23	-0.33	-1.25	0	1	0	0	-2	
137	SLV 15	120	-0.16	-0.13	-1.25	1	4	-11	1	5	
92	SLV 9	351	-0.83	-1.01	-1.24	-16	-24	-31	3	6	
283	SLU 7	103	-2.52	0.41	-1.23	-3	9	-48	-9	4	
118	SLV 13	401	-0.1	-0.08	-1.22	3	-9	7	2	-5	
93	SLV 11	352	-1.11	1.23	-1.22	-23	25	-16	5	-3	
147	SLV 15	403	-1.59	0.45	-1.2	5	2	-1	2	-1	
148	SLV 15	403	-1.59	0.19	-1.2	5	4	-2	0	-2	
178	SLV Y	448	-0.14	-0.27	-1.17	0	-1	0	0	-2	
197	SLV 15	127	-1.26	0.12	-1.15	-7	4	-37	-10	4	
103	SLV 11	352	-0.95	1.27	-1.14	-10	15	-24	1	-5	
268	SLU 10	74	0.24	-0.18	-1.13	4	13	0	35	34	
253	SLV 5	414	-1.96	2.18	-1.13	0	-7	3	27	3	
279	SLV 11	115	-1.01	-0.1	-1.13	-6	22	20	6	-4	
220	SLV 11	468	-1.84	-2.06	-1.12	7	0	-2	5	-3	
181	SLV Y	449	-0.01	-0.19	-1.11	0	-1	0	0	-2	
184	SLV Y	450	0.08	-0.16	-1.08	0	0	0	0	-2	
280	SLV 13	96	-2.93	0.33	-1.08	-28	22	-35	7	-3	
267	SLU 10	74	0.7	0.09	-1.05	5	13	4	-5	28	
128	SLV 13	97	-2.44	0.45	-1.05	-20	-6	-58	8	14	
202	SLV 13	123	-1.35	-0.12	-1.02	-7	-2	-39	10	3	
72	SLV 9	351	-1.15	-1.06	-1.02	-19	-25	-19	-4	-3	
265	SLV 7	15	-0.49	-1.01	-1.01	8	6	24	8	0	
211	SLV 7	420	0.42	-1.34	-1.01	2	-4	-6	1	-10	
106	SLV 9	351	-0.83	-1.01	-1	-10	-14	-23	0	-4	
123	SLU 10	402	-1.99	-0.62	-0.99	-2	5	2	5	-3	

Sollecitazioni con momento Mzz massimo

Vengono mostrati i soli 200 gusci più sollecitati.

Shell Ind	Cont. N.br.	Nodo Ind	Sollecitazione								
			Moo	Moz	Mzz	Foo	Foz	Fzz	Vo	Vz	
51	SLV 9	317	11.79	1.57	11.9	-55	-10	-93	36	26	
217	SLV 9	317	6.11	1.06	11.33	-48	17	-87	-8	22	
155	SLV 5	229	0.49	1.06	10.66	-7	-9	-58	0	11	
222	SLV 9	316	0.47	1.07	9.26	-24	15	-19	1	12	
158	SLV 5	231	1.05	0.62	8.91	3	-3	-7	0	8	
161	SLV 5	231	0.86	0.65	8.89	0	-4	-8	0	8	
164	SLV 5	232	0.85	0.7	8.69	1	-5	-9	0	8	
167	SLV 5	233	0.88	0.79	8.57	1	-4	-8	0	8	
288	SLV 5	172	10.23	1.79	8.38	-28	-2	-6	21	19	
170	SLV 9	234	0.94	0.87	8.35	0	1	-8	0	8	
173	SLV 9	235	1.04	0.92	8.08	-1	2	-8	1	8	
14	SLV 5	172	6.13	1.65	7.97	-33	-3	-7	-8	14	
238	SLV 5	311	1.05	0.76	7.86	12	2	-7	0	10	
235	SLV 5	312	1.02	0.8	7.85	11	3	-6	0	10	
242	SLV 5	311	0.67	0.76	7.83	14	1	-8	0	10	
176	SLV 9	236	1.23	0.97	7.73	-1	4	-7	2	8	
230	SLV 5	313	0.97	0.77	7.69	7	4	-5	0	10	
244	SLV 5	310	0.5	0.66	7.66	14	1	-8	0	10	
225	SLV 5	314	1	0.77	7.46	2	5	-2	0	10	
247	SLV 9	309	0.31	0.56	7.42	14	6	-8	0	11	
13	SLV 5	171	-0.06	1.85	7.41	-17	-3	-13	2	8	
179	SLV 9	237	1.44	0.98	7.27	-3	6	-5	4	8	
9	SLV 9	166	0.87	1.03	7.15	-18	3	-8	0	8	
8	SLV 9	166	0.78	1	7.13	-17	2	-8	0	8	
10	SLV 9	167	0.88	1.1	7.13	-19	4	-10	0	8	
7	SLV 9	165	0.73	0.95	7.04	-15	1	-9	0	8	
11	SLV 9	168	0.84	1.16	7	-21	4	-10	0	8	
12	SLV 5	169	0.92	1.27	6.87	-16	-2	-10	0	8	
6	SLV 5	164	0.72	0.94	6.86	-13	-6	-9	0	8	
248	SLV 9	308	0.22	0.57	6.84	14	5	-7	0	11	
274	SLV 9	18	-0.35	0.72	6.65	6	-2	-96	8	14	
5	SLV 5	163	0.66	0.85	6.54	-13	-6	-10	-1	8	
128	SLV 15	65	-0.45	-0.2	6.2	0	0	-69	3	15	
250	SLV 9	307	0.29	0.85	6.17	14	3	-6	-1	11	
133	SLV 13	18	-0.13	0	6.11	-2	0	-63	-2	17	
182	SLV 9	238	1.47	0.95	6.06	-4	10	-11	5	6	
56	SLV 9	336	0.56	0.3	6.01	-34	6	-29	10	-10	
55	SLV 9	336	0.23	1.54	5.97	-54	0	-23	31	-10	
275	SLV 9	12	0.37	-0.38	5.87	4	-1	-70	-1	10	
4	SLV 5	162	0.61	0.76	5.84	-13	-6	-12	-1	7	
289	SLV 5	344	-0.84	-1.16	5.48	-16	-1	-12	9	-13	
282	SLV 5	78	2.14	3.16	5.45	-30	-23	-46	32	70	
286	SLV 5	344	-2.24	-1.22	5.34	-32	4	-12	31	-7	
251	SLV 5	306	0.51	1.31	5.05	11	-5	-6	-2	9	
156	SLV 9	379	-0.11	0.29	4.96	-1	-5	-17	-1	6	
111	SLV 15	250	0.83	2.26	4.87	0	11	-35	32	110	
226	SLV 7	471	-4.85	-0.51	4.84	17	-2	3	146	127	

Shell	Cont.	Nodo	Sollecitazione								
			Moo	Moz	Mzz	Foo	Foz	Fzz	Vo	Vz	
269	SLV 9	77	0.11	0.39	4.82	-28	-5	-72	25	-4	
159	SLV 5	380	0.4	0.45	4.78	-8	-9	-13	0	6	
162	SLV 9	381	0.6	0.51	4.56	-4	-2	-4	0	6	
3	SLV 5	161	0.53	0.86	4.43	-14	-4	-15	-2	5	
165	SLV 5	382	0.65	0.57	4.43	-3	-4	-6	0	5	
113	SLV 13	220	0.86	-2.27	4.4	2	-10	-38	-46	89	
270	SLV 9	76	0.24	0.2	4.34	-24	1	-59	-23	-10	
168	SLV 5	383	0.66	0.63	4.28	-4	-5	-6	0	5	
171	SLV 5	384	0.62	0.66	4.11	-5	-1	-6	0	5	
174	SLV 5	385	0.54	0.65	3.9	-5	1	-5	0	5	
252	SLV 5	305	0.67	1.4	3.7	9	-6	-6	-2	7	
177	SLV 5	386	0.44	0.56	3.61	-6	3	-4	0	5	
1	SLV 5	158	-0.31	0.52	3.45	-6	-1	-27	-2	9	
52	SLV 9	336	0.47	-1.06	3.4	-32	-13	-25	9	4	
180	SLV 9	387	0.25	0.4	3.22	-10	11	-6	0	4	
2	SLV 9	160	0.57	1.06	3.08	-9	4	-17	-2	4	
24	SLV 9	373	0.46	1.05	3.04	-7	5	-6	0	4	
23	SLV 9	373	0.41	1.06	3.03	-6	4	-6	0	4	
27	SLV 5	376	0.27	0.35	3.02	-13	-1	-7	-3	5	
22	SLV 9	372	0.33	1.1	3.02	-5	3	-6	0	4	
26	SLV 5	376	0.5	0.29	3.02	-12	-1	-6	0	4	
25	SLV 5	374	0.42	1.07	2.99	-9	-2	-6	0	4	
183	SLV 9	388	-0.09	0.3	2.94	-4	8	-15	0	4	
21	SLV 5	371	0.22	1.18	2.92	-8	-5	-6	0	4	
227	SLV 9	362	0.17	-0.14	2.89	-11	27	-6	-3	5	
231	SLV 9	362	0.41	-0.2	2.88	-6	22	-3	0	4	
129	SLV 15	57	0.15	0.43	2.88	-6	-9	-17	1	2	
114	SLV 13	220	0.67	-2.88	2.8	11	5	-1	-16	-5	
112	SLV 15	250	0.61	3.05	2.8	13	-5	0	13	-6	
20	SLV 5	370	0.13	1.26	2.74	-7	-5	-6	0	4	
130	SLU 7	81	1.89	0.26	2.6	-17	-3	-31	0	-11	
131	SLU 7	81	1.97	-0.29	2.59	-17	2	-31	0	-11	
266	SLV 5	17	2.34	0.9	2.59	3	-17	-6	-26	30	
28	SLV 5	377	1.29	0.11	2.56	-12	-2	-7	-3	6	
234	SLV 9	363	0.34	0.74	2.55	0	17	0	0	4	
132	SLV 13	27	0.22	-0.65	2.54	-6	7	-17	-1	2	
140	SLU 7	81	1.97	-0.28	2.51	-15	1	-22	-1	0	
138	SLU 7	81	1.88	0.26	2.5	-15	-2	-22	0	0	
239	SLV 9	392	0.12	0.83	2.5	2	14	-3	1	4	
243	SLV 5	393	0	0.94	2.44	-2	4	-4	1	4	
261	SLV 9	415	2.05	2.56	2.44	-16	-6	-7	12	-23	
19	SLV 5	369	0.06	1.4	2.42	-7	-6	-6	0	4	
203	SLU 10	128	2.7	0.45	2.4	-2	3	-65	-8	21	
136	SLV 15	80	0.97	0.5	2.38	-19	-1	-15	2	3	
197	SLU 10	128	2.69	-0.22	2.34	-5	3	-38	-10	-3	
212	SLV 9	415	0.15	2.75	2.31	-31	-9	-2	0	-7	
142	SLU 7	83	1.77	-1.11	2.3	-22	1	-21	-4	1	
245	SLV 5	396	-0.28	1.12	2.29	-3	2	-5	2	4	
223	SLV 9	361	1.54	-0.4	2.29	0	15	-22	-3	6	
202	SLU 10	122	2.58	0.14	2.2	-5	-3	-44	10	-2	
208	SLU 10	122	2.57	-0.5	2.08	-2	-1	-70	8	20	
246	SLV 5	398	-0.45	1.26	2.02	-3	1	-4	2	4	
139	SLU 7	101	3.17	-0.1	2	-17	-1	-17	-2	3	
137	SLU 7	101	3.19	0.12	1.99	-17	1	-17	2	3	
18	SLV 5	368	0.02	1.59	1.97	-5	-6	-8	0	3	
249	SLV 9	394	-0.74	1.4	1.95	0	6	-4	2	4	
144	SLV 1	119	3.65	-0.2	1.92	-13	-3	-16	2	0	
145	SLV 3	119	3.65	0.22	1.89	-12	3	-16	-2	0	
53	SLV 9	337	-2.08	-0.82	1.88	-17	-8	-8	3	2	
152	SLV 3	137	3.74	0.32	1.84	-10	3	-14	3	1	
257	SLV 9	350	0.53	2.12	1.83	0	2	-2	2	4	
157	SLV 9	441	0.03	0.16	1.81	-1	0	-4	0	3	
190	SLV 1	84	1.37	0.01	1.79	-21	-6	-53	4	-14	
151	SLV 3	137	3.74	0.32	1.79	-9	3	-14	-1	1	
216	SLV 5	304	0.43	1.35	1.75	2	-7	-3	-2	2	
57	SLV 9	337	-2.17	0	1.75	-19	5	-12	3	-1	
209	SLV 9	468	2.16	2.51	1.74	-14	-9	-7	-2	-9	
256	SLV 9	350	-0.53	1.81	1.71	1	2	-3	2	3	
135	SLV 1	120	3.18	0.24	1.71	-12	-1	-17	7	-1	
204	SLV Y	291	-0.16	0.94	1.69	28	5	19	1	-6	
287	SLV 5	136	1.38	1.39	1.69	-19	3	-22	11	0	
160	SLV 5	442	0.19	0.29	1.69	-3	-3	-6	0	3	
141	SLV 3	121	3.13	-0.17	1.68	-11	1	-16	-7	-1	
143	SLV 1	138	3.33	-0.23	1.66	-9	-2	-15	6	0	
260	SLV 11	469	1.73	-1.72	1.65	3	1	-6	18	15	
268	SLV 9	13	1.76	-0.23	1.63	2	8	4	21	43	
285	SLV 5	136	0.85	0.94	1.6	-2	8	-22	6	-3	
163	SLV 5	443	0.35	0.4	1.59	-8	-5	-4	0	3	
146	SLV 1	140	2.91	-0.29	1.56	-10	-4	-19	-7	0	
210	SLV 11	469	1.03	-1.82	1.55	13	0	-4	0	14	
154	SLV 1	343	3.24	-0.61	1.53	-7	-3	-12	5	-1	
166	SLV 9	444	0.4	0.48	1.51	-8	0	-3	0	3	
149	SLV 1	345	2.73	0.11	1.51	-8	-3	-15	-5	-1	
17	SLV 5	367	-0.01	1.74	1.48	-4	-2	-9	0	2	
262	SLV 9	415	1.97	2.56	1.44	-15	-9	-3	15	1	
169	SLV 5	445	0.4	0.52	1.43	-9	-3	-3	0	3	
290	SLV 5	408	-0.27	-1.69	1.42	-10	-4	-12	7	-4	
267	SLV 5	14	0.33	-0.65	1.41	1	-8	-3	-15	34	
255	SLV 5	349	-0.16	2.18	1.39	0	-7	-6	0	1	
77	SLV 7	426	4.93	-0.97	1.39	-10	10	-11	6	-6	
74	SLV 5	452	4.73	0.65	1.35	-9	-10	-9	-6	-6	
172	SLV 5	446	0.35	0.53	1.34	-9	-2	-3	0	3	
220	SLV 5	468	2.05	2.5	1.33	-16	-5	-3	-6	3	
150	SLV 1	348	3.43	-0.26	1.31	-8	-3	-10	-2	3	
153	SLV 1	348	3.44	-0.3	1.31	-8	-3	-11	1	3	
87	SLV X	186	0.04	0.35	1.28	2	-1	2	0	2	
75	SLV 5	390	1.97	0.31	1.24	-1	-15	4	-3	-6	
254	SLV 11	414	0.47	-1.77	1.24	2	2	-6	3	-10	
76	SLV X	340	-0.67	0.11	1.24	0	0	1	-3	-25	

Shell Ind	Cont. N.br.	Nodo Ind	Sollecitazione							
			Moo	Moz	Mzz	Foo	Foz	Fzz	Vo	Vz
88	SLV X	186	0.72	0.39	1.24	1	-1	4	1	3
126	SLV 1	129	1	0.5	1.23	-10	-1	-19	13	-1
175	SLV 5	447	0.27	0.49	1.23	-9	-1	-3	0	2
188	SLV X	41	0.23	-0.02	1.21	3	0	-5	0	2
187	SLV X	41	0.23	-0.02	1.21	3	0	-5	0	2
265	SLV 9	16	0.25	1.71	1.21	-3	-7	-9	10	8
117	SLV 1	335	0.62	-0.1	1.21	-8	-1	-18	-13	2
79	SLV X	287	0	-0.37	1.2	2	1	2	0	2
89	SLV X	339	-0.69	-0.07	1.18	0	0	1	3	-24
189	SLV X	34	0.3	-0.01	1.17	3	-1	-5	-1	2
127	SLV 11	82	0	0.95	1.17	-29	10	-38	12	3
124	SLV 1	334	1.57	-0.39	1.16	-6	-4	-12	11	2
91	SLV 11	426	5.18	-0.93	1.16	-7	2	-2	8	-3
62	SLV 9	116	1.27	-0.02	1.15	-10	20	16	-6	5
278	SLV 5	139	-2.95	-0.17	1.13	-13	-1	-24	7	-3
118	SLV 15	463	2.25	0.5	1.12	1	-8	13	5	-5
178	SLV 9	448	0.14	0.4	1.11	-8	4	-3	0	2
134	SLV 5	92	-0.03	-1.3	1.11	-28	-18	-43	-10	2
66	SLV 13	97	2.61	-0.33	1.1	-20	25	-19	-9	4
259	SLV 9	413	-0.13	2.79	1.1	-12	-6	-3	3	11
284	SLV 5	118	-1.33	0.34	1.09	-8	-1	-33	7	-2
60	SLV 9	130	2.14	1.21	1.09	-32	26	-41	10	-3
59	SLV 9	130	2.09	1.01	1.08	-28	23	-46	13	-4
71	SLV X	303	0.02	-0.31	1.08	-2	1	6	1	3
279	SLV 5	118	-1.42	0.4	1.08	-15	-3	-32	10	-2
105	SLV 7	416	1.96	0.51	1.08	-6	12	-2	4	-3
186	SLV X	50	0.29	-0.07	1.07	3	1	-5	1	2
125	SLV 1	334	1.43	-0.04	1.06	-8	-3	-16	11	0
16	SLV 5	366	0.17	1.66	1.05	-4	0	-8	1	1
191	SLV 15	90	1.32	-0.73	1.05	-18	11	-49	-4	3
263	SLV 11	466	2.12	1.54	1.05	20	-18	-15	-5	-2
85	SLV X	158	-0.01	0.28	1.03	-2	-1	6	-1	3
181	SLV 9	449	-0.03	0.29	1.02	-5	5	-4	0	2
78	SLV 15	340	-0.87	-0.05	1.02	0	5	-13	0	5
205	SLV Y	272	-0.28	0.57	1.01	9	1	2	1	-3
90	SLV 13	339	-0.95	0.12	1	0	-4	-13	0	4
116	SLV 1	131	0.17	-0.58	0.99	-10	-4	-25	-14	2
115	SLV 3	131	1.07	-0.45	0.98	-9	0	-18	-12	-1
184	SLV 9	450	-0.11	0.23	0.96	-1	2	-6	0	2
96	SLV 7	495	2.88	0.83	0.96	-9	8	-2	5	1
283	SLU 10	98	1.4	0.39	0.95	-15	-2	-39	-7	2
54	SLV 11	402	3.89	0.93	0.95	-3	-9	-8	-3	-2
214	SLV 11	414	-0.43	-2.42	0.95	5	4	-2	-10	-6
80	SLV 9	452	5.04	0.6	0.94	-5	-1	-1	-8	-2
281	SLU 3	79	0.95	-0.37	0.93	-18	22	-38	4	3
110	SLV 5	417	1.65	-0.68	0.93	-5	-13	-1	-4	-2
47	SLV 9	395	0.95	-1.54	0.92	6	-10	-31	2	4
50	SLV 15	464	-0.07	0.21	0.92	12	-16	5	1	-3
61	SLV 9	132	-0.8	0.96	0.91	-16	22	-19	2	-1
48	SLV 9	395	0.7	-1.63	0.9	-5	-16	-30	7	3
280	SLV 5	99	-0.19	0.44	0.9	-17	-3	-28	12	1
198	SLV 1	127	0.5	-0.17	0.89	-1	-2	-13	-2	-1
211	SLV 9	420	-0.65	1.66	0.88	-7	-2	-7	0	10
196	SLV 1	103	0.37	-0.01	0.87	-5	-1	-19	2	-1

Sollecitazioni con sforzo Foo minimo

Vengono mostrati i soli 200 gusci più sollecitati.

Shell Ind	Cont. N.br.	Nodo Ind	Sollecitazione							
			Moo	Moz	Mzz	Foo	Foz	Fzz	Vo	Vz
286	SLV 15	172	-4.62	-1.81	-2.29	-96	10	-110	-14	0
55	SLV 15	317	-1.89	0.5	-0.71	-93	16	-89	-7	2
203	SLV 9	291	-1.47	-1.07	-7.33	-90	-30	-59	-34	14
208	SLV 11	174	-1.37	0.87	-7.01	-87	34	-64	32	13
51	SLV 15	317	-1.74	-0.02	-0.32	-81	-10	-85	-4	-1
14	SLV 13	171	0.55	0.71	0.41	-76	27	-38	-2	1
217	SLV 13	316	0.74	0.29	4.44	-72	31	-35	-2	7
114	SLV 7	339	-0.06	0.99	-1.95	-68	52	-16	-29	14
112	SLV 5	340	0.37	-0.8	-1.38	-67	-51	-15	27	9
288	SLV 15	172	-5.14	-0.9	-5.23	-64	-20	-105	-11	-11
56	SLV 15	336	-0.16	-0.17	-0.55	-48	5	-38	-1	1
270	SLV 15	74	1.41	-2.66	-0.78	-47	48	-59	-22	134
52	SLU 10	336	-0.21	-0.34	0.41	-45	-7	-27	0	0
287	SLV 15	136	-0.32	-0.44	-1.4	-45	22	-43	-5	3
285	SLV 15	136	-0.01	0.2	-1.32	-43	31	-54	-12	2
38	SLV 3	486	0.26	-0.12	0	-42	-2	-3	0	0
39	SLV 3	487	0.24	0.23	0	-42	-1	-3	0	0
228	SLV 1	523	-0.22	-0.35	-0.01	-41	-1	-3	0	0
233	SLV 1	522	-0.21	0.04	-0.01	-41	-2	-3	0	0
35	SLV 7	482	0.82	-1.71	0.01	-40	-1	-3	0	-1
37	SLV 3	485	0.28	-0.24	0	-40	-3	-3	0	0
36	SLV 7	483	0.65	-1.4	0.01	-39	-1	-3	0	-1
34	SLV 7	482	0.9	-1.88	-0.02	-39	-1	-3	0	-1
224	SLV 3	524	-0.19	-0.37	0.02	-39	-2	-3	0	0
282	SLV 1	94	0.65	0.42	0.55	-39	-26	-37	8	18
236	SLV 1	521	-0.25	0.16	-0.01	-38	-3	-3	0	0
40	SLV 3	487	0.27	0.22	0	-38	-1	-3	0	0
240	SLU 3	520	-0.21	-0.07	-0.01	-38	0	-7	0	0
13	SLV 13	171	-0.45	0.88	0.29	-38	14	-27	2	-1
241	SLV 5	517	-0.73	1.91	-0.15	-38	-2	-4	1	1
113	SLV 7	228	1.1	1.98	-1.68	-37	31	-139	10	-64
269	SLV 1	75	-0.29	3.64	-0.01	-37	-39	-47	-72	183
281	SLV 13	94	1.79	-0.12	-0.54	-37	29	-8	6	-12
204	SLV 9	291	-1.18	-0.61	-7.33	-37	-8	-45	-1	17
33	SLV 7	480	1	-2.38	0.07	-36	-3	-2	0	-1
232	SLV 9	515	-0.67	2.63	-0.17	-36	1	-1	1	0
289	SLU 10	136	0.38	0.13	-0.2	-35	4	-22	1	2
237	SLV 9	516	-0.72	2.25	-0.09	-35	1	-3	1	1
219	SLV 3	525	0.01	-0.4	-0.02	-35	0	-1	0	0

Shell Ind	Cont. N.br.	Nodo Ind	Sollecitazione								
			Moo	Moz	Mzz	Foo	Foz	Fzz	Vo	Vz	
222	SLV 13	316	0.5	-0.04	4.44	-35	17	-26	-1	6	
213	SLV 5	519	-0.44	1.52	-0.09	-35	1	-1	0	1	
280	SLV 13	79	0.25	0.37	0.66	-35	30	-42	7	0	
128	SLV 11	97	-3.85	0.58	-0.01	-34	20	-104	9	13	
207	SLV 11	174	-1.42	0.61	-7.01	-34	10	-45	0	15	
172	SLU 3	504	0.01	-0.03	0	-33	1	-9	0	0	
41	SLV 1	489	0.02	0.28	0.02	-33	1	-2	0	0	
32	SLV 11	480	0.97	-2.53	0.02	-33	-1	-3	-1	-1	
133	SLV 9	96	-3.72	-0.49	-0.54	-33	-22	-95	-9	13	
70	SLU 7	97	4.11	0.08	-0.13	-33	23	-82	-12	-9	
169	SLU 3	502	-0.01	-0.03	0	-33	-2	-9	0	0	
210	SLV 9	474	-0.18	2.19	0.4	-32	1	0	1	-18	
60	SLV 13	130	1.01	0.36	0.59	-32	32	-53	6	-2	
274	SLV 15	79	0.29	0.56	0.91	-32	38	-28	3	4	
226	SLV 9	468	1.94	3.01	1.18	-32	-3	-5	-32	17	
212	SLV 9	415	0.15	2.75	2.31	-31	-9	-2	0	-7	
218	SLV 3	525	0.17	-0.29	-0.06	-31	0	-3	-1	0	
175	SLU 3	504	0.01	-0.03	0	-31	1	-9	0	0	
190	SLV 9	84	0.94	0.2	1.15	-30	-23	-73	3	-12	
127	SLV 11	82	0	0.95	1.17	-29	10	-38	12	3	
229	SLV 9	515	-0.75	2.57	-0.2	-29	0	-1	4	0	
42	SLV 1	489	-0.17	0.18	0.06	-29	1	-3	1	0	
166	SLU 3	502	-0.01	-0.03	0	-29	-2	-9	0	0	
57	SLU 10	337	-0.19	-0.08	0.28	-29	5	-20	-3	0	
185	SLV 11	90	0.93	-0.34	0.47	-29	24	-83	-2	-11	
31	SLV 11	479	0.55	-2.69	0.05	-29	-2	-1	-2	0	
134	SLV 9	92	0.05	-0.92	1.08	-29	-13	-39	-11	2	
66	SLU 7	95	-0.28	-0.14	-1.27	-29	18	-36	-14	-4	
59	SLV 9	130	2.09	1.01	1.08	-28	23	-46	13	-4	
69	SLU 7	95	-0.32	-0.38	-1.21	-27	12	-26	-3	-1	
53	SLU 10	337	-0.17	-0.16	0.34	-26	-5	-13	-3	0	
234	SLV 1	425	-0.11	-0.05	0.08	-26	-2	-5	0	1	
25	SLV 3	437	0.14	0.24	-0.09	-26	-2	-5	0	-1	
260	SLV 9	474	-0.75	2.57	0.36	-26	3	4	-5	-15	
43	SLV 3	526	0.42	-0.05	0.02	-26	2	-1	-2	0	
65	SLU 7	95	-0.34	-0.07	-1.28	-25	17	-30	-3	-3	
231	SLV 3	424	-0.36	-0.35	-0.22	-25	-5	-5	0	-2	
24	SLV 3	436	0.17	-0.12	-0.08	-25	-4	-5	0	-1	
196	SLV 9	85	-0.66	0.23	0.09	-25	-18	-28	4	0	
129	SLV 11	82	0.13	1.27	1.35	-25	2	-22	1	2	
239	SLV 1	454	-0.17	0.05	0.08	-25	-4	-6	0	1	
227	SLV 3	423	-0.41	-0.38	0.04	-25	-2	-2	0	-2	
136	SLV 11	82	0.12	1.04	1.18	-25	9	-35	3	2	
142	SLV 9	92	0.12	-1.22	1.09	-25	-9	-34	-3	2	
132	SLV 9	92	0.13	-1.37	1.35	-25	-4	-24	-1	1	
26	SLV 3	438	0.05	0.29	-0.06	-25	1	-4	0	-1	
243	SLV 1	459	-0.17	0.16	0.07	-25	-5	-6	0	1	
61	SLU 10	132	-0.57	0.06	0.51	-25	15	-30	-4	-2	
85	SLV 5	364	-0.61	0.73	0.14	-25	-30	-45	0	-3	
12	SLV 13	170	0.27	0.57	1.33	-24	12	-8	0	1	
71	SLV 7	390	-0.53	-0.67	0.19	-24	31	-47	0	-3	
271	SLV 1	490	-0.42	-0.05	-0.01	-24	2	-1	2	0	
220	SLV 9	514	0.65	2.59	-0.52	-24	-2	-3	5	4	
27	SLV 1	439	0.39	0.28	-0.02	-24	-1	-3	0	2	
23	SLV 3	435	0.16	-0.23	-0.07	-24	-6	-6	0	-1	
278	SLU 10	139	-0.1	0.12	0.05	-24	5	-11	6	-1	
191	SLU 7	89	0.02	-0.75	-0.14	-24	8	-39	-5	-2	
198	SLV 13	126	-1.52	-0.11	-2.33	-24	-11	-29	-4	6	
290	SLU 10	344	0.3	0.35	0.1	-24	-16	-25	-1	1	
279	SLU 10	118	-0.05	0.04	0.21	-23	18	-25	8	0	
93	SLV 7	352	-0.9	1.21	-1.11	-23	25	-17	7	-4	
284	SLU 10	118	0	-0.27	0.21	-23	24	-32	2	-1	
201	SLV 15	124	-1.59	0.17	-2.46	-23	11	-29	4	6	
111	SLV 5	228	-0.25	-1.38	-2.12	-23	-39	-129	-6	-31	
223	SLV 1	453	0.15	-0.39	0.08	-23	4	-5	0	0	
30	SLV 11	478	-0.49	-2.68	0.08	-23	-1	-2	-5	0	
194	SLV 13	106	-1.35	-0.11	-0.26	-23	-4	-24	0	2	
245	SLV 1	467	-0.29	0.29	0.04	-23	-6	-6	0	1	
275	SLV 5	84	-0.76	0.21	-0.23	-22	-25	-73	-5	11	
200	SLV 13	105	-1.23	0	-0.05	-22	-2	-23	1	5	
64	SLU 7	93	-1.42	0	-1.84	-22	5	-27	2	-4	
186	SLV 11	89	-0.6	-0.03	-0.01	-22	14	-17	1	-3	
22	SLV 3	434	0.18	-0.35	-0.05	-22	-7	-6	0	-1	
225	SLV 15	315	-0.28	-0.66	-1.34	-22	12	-8	0	-1	
193	SLV 15	106	-1.36	0.06	-0.34	-22	5	-24	0	2	
11	SLV 9	169	0.81	1.24	6.85	-22	4	-10	0	7	
199	SLV 13	107	-0.92	-0.4	0.13	-22	-9	-28	-2	5	
189	SLV 9	85	-0.66	0.04	-0.01	-22	-13	-18	-1	-2	
68	SLV 7	91	-1.38	-0.44	-1.49	-22	-15	-23	0	-2	
28	SLV 1	440	-0.1	0.11	-0.04	-22	2	-3	2	1	
246	SLV 5	465	-0.46	1.91	0.1	-21	-3	-6	-1	4	
192	SLU 7	89	0.02	-0.72	-0.14	-21	5	-37	-1	-2	
100	SLV 7	347	-0.68	0.9	-0.5	-21	28	-35	-3	3	
120	SLV 15	509	-1.92	0.38	0.08	-21	1	-2	2	-1	
121	SLV 13	509	-1.94	-0.36	0.08	-21	-1	-2	-2	-1	
10	SLV 9	168	0.84	1.14	7	-21	3	-10	0	7	
119	SLV 11	496	1.49	1.05	-0.11	-21	1	-1	2	1	
21	SLV 7	432	0.54	-1.63	-0.3	-21	-2	-6	0	-4	
122	SLV 9	511	0.91	-1.27	-0.07	-20	-2	-2	-1	0	
178	SLU 3	505	0.02	-0.02	0	-20	5	-7	0	0	
195	SLU 7	85	-0.03	0.73	-0.1	-20	-3	-37	1	-1	
84	SLV 11	476	8.47	-0.46	0.64	-20	6	-3	13	-4	
48	SLV 3	458	0.65	0.26	0.29	-20	6	-1	-3	-1	
20	SLV 7	431	0.5	-1.96	-0.16	-20	-4	-6	0	-3	
47	SLV 1	458	0.3	-0.46	-0.01	-20	5	-6	0	1	
62	SLU 7	114	0.4	0.32	0.19	-20	15	-27	-13	0	
72	SLV 5	351	-0.91	-1.05	-0.92	-20	-26	-20	-5	-4	
277	SLU 10	139	-0.26	0.35	-0.64	-20	-2	-10	6	-1	
44	SLV 3	458	0.65	0.22	0.3	-20	4	-1	-3	0	

Shell Ind	Cont. N.br.	Nodo Ind	Sollecitazione								
			Moo	Moz	Mzz	Foo	Foz	Fzz	Vo	Vz	
67	SLV 7	90	2.05	0.21	0.13	-19	-13	-85	8	-11	
261	SLV 5	415	2.01	2.55	2.43	-19	-9	-11	12	-23	
230	SLV 15	314	-0.25	-0.6	-1.79	-19	12	-8	0	-2	
163	SLV 3	500	-0.02	-0.02	0	-19	-5	-10	0	0	
291	SLV 1	470	-0.72	-0.26	-0.05	-19	4	-4	2	1	
262	SLV 5	415	1.93	2.55	1.39	-19	-13	-8	15	1	
19	SLV 7	431	0.72	-2.1	-0.28	-19	-4	-6	0	-3	
9	SLV 9	167	0.8	1.07	7.12	-19	3	-8	0	8	
206	SLV 15	124	-1.78	-0.24	-2.49	-19	0	-13	0	8	
205	SLV 13	126	-1.73	0.27	-2.36	-19	1	-13	0	8	
92	SLV 5	346	-0.54	-0.76	-0.32	-19	-26	-34	2	4	
58	SLU 10	133	0.88	0.06	0.54	-19	6	-12	-9	1	
258	SLV 9	473	-0.56	2.4	-0.23	-19	0	-5	0	2	
249	SLV 5	422	-0.44	2.27	0.11	-18	-5	-5	0	3	
138	SLU 7	100	2.57	0.5	1.57	-18	0	-22	2	1	
73	SLV 9	512	8.16	0.27	0.71	-18	-6	-3	-13	-4	
168	SLU 7	446	0	-0.04	0	-18	-1	-12	0	0	
140	SLU 7	102	2.59	-0.47	1.54	-18	0	-21	-2	1	
276	SLV 1	491	-0.98	-0.27	-0.04	-18	2	-1	2	0	
171	SLU 7	447	0.01	-0.04	0.01	-18	2	-11	0	0	
63	SLU 7	91	-1.06	0.11	-1.51	-18	-2	-42	10	-3	
18	SLV 11	429	0.37	-2.56	-0.01	-18	-2	-4	0	-2	
235	SLV 11	313	-0.79	-1.21	-6.9	-17	2	-10	0	-7	
137	SLU 7	100	2.56	0.15	1.53	-17	1	-19	2	2	
130	SLU 7	81	1.89	0.26	2.6	-17	-3	-31	0	-11	
8	SLV 9	166	0.78	1	7.13	-17	2	-8	0	8	
174	SLU 7	447	0.01	-0.04	0.01	-17	3	-11	0	0	
139	SLU 7	101	3.17	-0.1	2	-17	-1	-17	-2	3	
54	SLU 10	338	0.87	-0.15	0.33	-17	-4	-6	-6	1	
179	SLU 7	388	0.02	-0.04	0.06	-17	17	-15	0	0	
141	SLU 7	102	2.63	-0.24	1.48	-17	-2	-19	-7	2	
238	SLV 11	312	-0.73	-1.13	-7.02	-17	4	-8	0	-7	
131	SLU 7	81	1.97	-0.29	2.59	-17	2	-31	0	-11	
135	SLU 7	100	2.63	0.29	1.54	-17	2	-20	7	2	
214	SLV 13	414	0.44	1.15	-0.47	-17	0	-1	9	1	
215	SLV 9	512	7.75	1.24	0.2	-16	-4	0	12	-1	
263	SLV 1	466	-1.8	-0.41	-0.85	-16	5	-2	4	0	
165	SLU 7	445	0	-0.03	-0.01	-16	-4	-11	0	0	
49	SLV 3	460	1.55	0.46	0.08	-16	7	-5	-3	0	
177	SLU 7	448	0.02	-0.03	0.01	-16	7	-11	0	0	
45	SLV 3	460	1.56	0.39	0.12	-16	5	-1	-3	0	
17	SLV 11	428	-0.21	-2.68	-0.06	-16	-5	-3	-1	-1	
180	SLU 7	387	0.01	-0.03	0.04	-16	15	-8	0	0	
91	SLV 11	495	3.26	0.24	0.34	-16	5	-3	8	-3	
251	SLV 7	305	-0.24	-0.88	-2.76	-16	-3	-19	1	-3	
242	SLV 11	311	-0.64	-1.01	-7.04	-15	2	-9	0	-8	
250	SLV 7	306	-0.74	-0.82	-4.36	-15	-6	-17	1	-6	
283	SLU 7	98	1.4	0.4	0.94	-15	-1	-40	-7	2	
7	SLV 9	165	0.73	0.95	7.04	-15	1	-9	0	8	
162	SLU 7	444	-0.01	-0.03	-0.01	-15	-6	-12	0	0	
6	SLV 5	163	0.81	0.93	6.57	-15	-4	-10	-1	8	
265	SLV 1	15	0.16	0.22	0.1	-15	-12	-56	18	0	
209	SLV 5	468	2.06	2.52	1.64	-15	-12	-14	-3	-8	
187	SLU 10	87	-0.54	-0.16	-0.11	-15	-1	-32	0	0	
248	SLV 7	307	-1.03	-0.74	-5.8	-15	-7	-12	1	-8	
4	SLV 5	161	0.6	0.85	4.43	-15	-5	-15	-1	5	
267	SLV 15	15	0.14	-0.26	-0.31	-15	15	-71	-3	9	
158	SLU 7	380	-0.03	-0.03	-0.05	-14	-13	-12	0	0	
188	SLV 9	86	-0.63	-0.45	-0.04	-14	-15	-23	-1	0	
126	SLU 10	116	-4.91	0.04	-0.42	-14	-4	-13	15	1	
3	SLV 5	160	0.33	0.9	2.94	-14	-2	-19	-2	3	
273	SLV 1	354	-1.97	-0.29	-0.23	-14	7	-9	4	0	

Sollecitazioni con sforzo Foo massimo

Vengono mostrati i soli 200 gusci più sollecitati.

Shell Ind	Cont. N.br.	Nodo Ind	Sollecitazione								
			Moo	Moz	Mzz	Foo	Foz	Fzz	Vo	Vz	
42	SLV 15	490	0.13	0.22	0	87	0	-4	0	0	
218	SLV 13	526	-0.16	-0.29	0	83	2	-4	0	0	
41	SLV 15	489	-0.08	0.01	0	82	3	-8	0	0	
271	SLV 15	491	0.56	0.42	0.01	80	-5	-5	-1	0	
219	SLV 13	525	0.06	-0.07	0	79	4	-8	0	0	
43	SLV 13	526	-0.23	-0.36	-0.01	76	-4	-8	1	0	
276	SLV 15	491	0.63	0.49	0.03	68	-9	-7	-1	0	
40	SLV 13	488	-0.08	0.04	0.02	65	8	-4	0	0	
224	SLV 13	524	0.08	-0.07	-0.03	63	10	-4	0	0	
44	SLV 15	527	0.16	0.09	-0.01	61	-9	-6	0	0	
203	SLV 7	291	-1.02	1.56	0.02	61	14	19	19	1	
208	SLV 5	174	-1.26	-1.38	-0.68	57	-15	22	-16	2	
112	SLV 11	340	-0.58	0.65	0.66	53	7	7	-7	-2	
114	SLV 9	339	-0.4	-0.68	0.95	51	-7	7	5	-5	
39	SLV 13	487	0.02	-0.02	0.01	45	8	-2	0	0	
228	SLV 15	523	-0.04	-0.04	0	44	7	-2	0	0	
45	SLV 15	528	0.16	0.16	0.03	42	-10	-3	1	0	
291	SLV 15	470	0.45	0.54	-0.02	41	-12	-11	-1	-1	
28	SLV 15	440	0.03	0.27	0	38	3	-29	-2	-1	
204	SLV 7	291	-0.61	1.66	0.09	38	7	13	0	-3	
264	SLV 15	493	1.69	0.45	-0.03	37	-15	-1	-2	0	
27	SLV 15	439	-0.46	0	0.07	37	16	-25	0	-2	
223	SLV 15	453	-0.04	-0.13	0	37	1	-25	0	0	
227	SLV 13	423	0.45	-0.1	-0.08	36	16	-24	0	2	
207	SLV 5	174	-0.63	-1.57	-0.62	36	-8	12	0	0	
47	SLV 15	453	-0.04	-0.07	0.01	36	-7	-23	0	0	
48	SLV 13	458	-0.35	-0.65	-0.16	35	-20	-28	2	1	
38	Pesi	486	0.08	-0.03	0	32	1	-2	0	0	
233	Pesi	522	-0.07	-0.06	0	32	1	-2	0	0	
269	SLV 15	75	0.67	1.97	-0.44	31	16	10	-3	100	
263	SLV 15	470	0.35	0.66	0.11	30	-22	-14	-3	-1	

Shell Ind	Cont. N.br.	Nodo Ind	Sollecitazione								
			Moo	Moz	Mzz	Foo	Foz	Fzz	Vo	Vz	
236	Pesi	520	-0.08	-0.04	0	28	1	-2	0	0	
37	Pesi	485	0.09	-0.04	0	28	1	-2	0	0	
240	Pesi	520	-0.09	-0.03	0	26	1	-2	0	0	
26	SLV 13	438	0.07	-0.01	0.15	26	17	-8	0	1	
231	SLV 13	424	0.24	-0.11	0.14	26	21	-7	-1	2	
36	Pesi	484	0.09	-0.05	0	24	1	-2	0	0	
46	SLV 9	529	-2.67	-1.57	0	24	-6	-2	0	0	
288	SLV 15	408	-0.2	0.93	-0.87	23	-22	-19	-2	1	
220	SLV 7	514	-0.7	-2.15	0.43	23	-1	-2	-4	-3	
49	SLV 13	461	-1.61	-0.75	-0.04	23	-27	5	2	0	
290	SLV 15	466	1.23	0.88	0.02	22	-27	-1	-3	0	
25	SLV 13	437	0.11	0.01	0.21	22	14	-2	0	1	
210	SLV 7	469	0.9	-1.76	1.48	22	-3	-1	-1	14	
282	SLV 15	94	0.77	0.14	0.4	21	22	-6	4	11	
234	SLV 15	425	-0.12	-0.38	-0.2	21	13	-3	0	-1	
232	SLV Y	515	0.5	-1.94	0.11	21	-1	0	0	0	
93	SLV 9	352	0.6	-0.94	0.26	21	-19	3	-5	3	
35	Pesi	483	0.07	-0.06	0	20	1	-2	0	0	
229	SLV 7	515	0.35	-2.11	0.16	20	-1	-2	-3	-1	
237	SLV Y	516	0.47	-1.63	0.07	20	-1	0	0	-1	
272	SLV 15	493	1.18	0.59	-0.08	20	-12	-5	0	0	
213	Pesi	519	-0.07	-0.01	0	20	1	-1	0	0	
241	SLV Y	517	0.39	-1.4	0.11	19	0	1	-1	-2	
205	SLV 11	272	-0.94	1.28	-2.67	19	4	-5	0	1	
266	SLV 15	16	-0.22	0.22	-0.05	19	8	65	-9	14	
273	SLV 15	466	1.27	0.61	-0.05	19	-22	-5	-1	0	
215	SLV 7	512	-6.93	-0.88	-0.16	18	3	-4	-11	2	
265	SLV 15	15	-0.31	0.07	-0.22	18	13	65	1	8	
270	SLV 1	74	0.31	-3.36	-0.61	18	-5	-3	37	173	
226	SLV Y	468	-1.31	-2.26	-0.87	18	1	2	23	-12	
31	SLV 5	478	0.4	2.1	-0.04	18	0	-3	1	1	
239	SLV X	454	-0.01	0.06	0.03	18	9	1	0	0	
30	SLV 5	478	0.36	2.11	-0.05	18	-1	-2	3	0	
85	SLU 7	186	-0.16	0.11	-2.07	18	8	-12	0	-6	
206	SLV 9	195	-1.04	-1.25	-3.28	18	-4	-6	0	3	
24	SLV X	436	0.01	-0.05	-0.03	18	9	1	0	0	
72	SLV 11	351	0.65	1.01	0.18	17	21	5	4	3	
212	SLV Y	415	-0.31	-2.04	-1.84	17	4	-2	3	4	
71	SLU 7	287	-0.17	0.06	-1.84	17	-8	-11	0	-6	
113	SLV 9	228	-0.17	-1.51	1.43	17	-31	-6	-15	51	
32	SLV 5	479	-0.19	2.04	-0.04	17	-1	-2	1	1	
84	SLV 5	476	-6.68	0.15	-0.47	16	-6	-1	-11	3	
34	Pesi	482	0.03	-0.07	0	16	1	-2	0	0	
260	SLV 7	474	0.36	-2.03	-0.33	16	-2	-3	4	12	
73	SLV 7	512	-7.14	0.1	-0.59	15	5	-1	12	3	
243	Pesi	459	-0.08	-0.05	-0.04	15	2	-6	0	0	
6	SLV 11	163	-0.84	-1.2	-6.89	15	3	-6	1	-10	
100	SLV 9	347	0.43	-0.95	-0.63	15	-22	-2	4	-3	
122	SLV Y	530	1.47	1.07	0.05	15	4	-1	-1	-1	
7	SLV 11	164	-0.86	-1.1	-7.45	15	5	-8	1	-10	
8	SLV 7	165	-0.94	-1	-7.8	15	-1	-8	0	-10	
23	Pesi	435	0.08	-0.03	0.04	14	3	-6	0	0	
33	SLV 9	480	-0.58	1.85	-0.05	14	1	-3	0	1	
248	SLV 9	308	0.22	0.57	6.84	14	5	-7	0	11	
245	Pesi	472	-0.05	-0.02	-0.02	14	3	-6	0	0	
5	SLV 11	163	-0.67	-1.23	-6.88	14	4	-6	1	-10	
9	SLV 7	166	-0.94	-0.96	-7.94	14	1	-8	0	-10	
247	SLV 5	309	0.28	0.5	7.41	14	1	-7	0	11	
244	SLV 5	310	0.5	0.66	7.66	14	1	-8	0	10	
92	SLV Y	346	0.25	0.42	-0.35	14	20	11	-2	-4	
242	SLV 5	311	0.67	0.76	7.83	14	1	-8	0	10	
50	SLV 15	461	0.01	0.26	-0.04	14	-21	-3	1	1	
4	SLV 11	162	-0.61	-1.38	-6.05	14	2	-5	1	-9	
250	SLV 9	307	0.29	0.85	6.17	14	3	-6	-1	11	
119	SLV 5	494	-0.86	-0.82	0.06	13	-4	-3	-1	-2	
214	SLV 3	414	-0.4	-0.25	-0.11	13	-3	-1	8	-7	
268	SLV 1	74	0.19	-0.26	-0.62	13	-11	12	24	26	
22	Pesi	434	0.08	-0.05	0.04	13	3	-6	0	0	
91	SLV 5	495	-2.49	-0.5	-0.24	13	-4	-3	-5	2	
51	SLV 13	395	0.23	-0.7	0.7	12	-25	-31	3	3	
10	SLV 7	167	-0.96	-0.93	-7.93	12	2	-6	0	-10	
55	Tr sLV Y	317	-2.43	-0.4	-0.29	12	-1	16	-8	0	
238	Port.	312	0.01	-0.05	0.07	12	0	4	0	0	
3	SLV 11	161	-0.53	-1.56	-4.92	12	-1	-5	2	-7	
29	SLV 5	476	6.43	1.06	0.23	12	3	-4	11	-1	
251	SLV 9	306	0.53	1.27	5.04	12	0	-5	-3	9	
235	Port.	313	0.01	-0.03	0.04	12	2	6	0	0	
111	SLV Y	228	0.05	0.49	0.5	12	31	47	-9	0	
11	Port.	168	0.02	0.02	-0.04	12	2	6	0	0	
230	Port.	313	-0.02	-0.02	0.04	12	2	6	0	0	
12	Port.	169	0.04	0.03	0.04	11	4	8	0	0	
225	Port.	314	-0.04	-0.03	-0.05	11	4	8	0	0	
246	Pesi	472	-0.05	-0.02	-0.02	11	4	-5	0	0	
80	SLV 7	510	-2.25	0.78	-0.18	11	4	-2	6	2	
170	Port.	234	0	0	0	11	-1	4	0	0	
167	Port.	234	0	0	0	11	-1	4	0	0	
158	SLU 3	231	-0.03	-0.05	-0.09	11	-4	-12	0	0	
173	Port.	235	0	0	0	11	0	5	0	0	
164	SLU 3	233	0.01	-0.05	-0.01	11	-3	-13	0	0	
21	Pesi	433	0.06	-0.07	0.03	11	3	-6	0	0	
275	SLV 15	78	0.19	-0.31	1.72	11	34	-39	-2	-8	
179	Port.	237	0	0	0	10	1	9	0	0	
89	SLV 11	186	0.51	-0.04	0.23	10	3	3	3	17	
274	SLV 15	77	-0.17	0.14	1.27	10	33	-41	-4	1	
176	Port.	236	0	0	0	10	1	6	0	0	
2	SLV 11	160	-0.56	-1.56	-3.46	10	-2	-3	2	-5	
267	SLV 1	15	-0.29	-0.34	0.1	10	-11	38	-5	30	
252	SLV 9	305	0.68	1.35	3.58	10	-2	-3	-2	7	
161	SLU 3	232	0	-0.06	-0.01	10	-4	-14	0	0	

Shell	Cont.	Nodo	Sollecitazione											
			Ind	N.br.	Ind	Moo	Moz	Mzz	Foo	Foz	Fzz	Vo	Vz	
258	SLV Y	473				0.42	-1.71	0.09	10	-1	0	0	0	-2
13	Port.	170				0.05	0.12	0.12	10	7	11	0	0	0
222	Port.	315				-0.04	-0.12	-0.12	10	7	11	0	0	0
68	SLV 13	62				-0.41	0.18	-1.13	10	14	-21	-1	0	0
133	SLV Y	96				0.91	-0.04	-0.38	9	14	31	1	-2	-2
253	SLV 3	414				-0.11	-0.01	-0.22	9	-6	-9	0	-1	-1
20	Pesi	432				0.03	-0.08	0.02	9	3	-6	0	0	0
76	SLV 5	287				0.23	0.78	-0.65	9	-3	3	0	0	25
249	SLV Y	422				0.15	-1.71	-0.34	9	0	0	0	0	-4
150	SLV 15	345				-0.84	0.62	-1.31	8	1	2	1	0	0
153	SLV 13	343				-0.76	-0.63	-1.34	8	-1	2	-1	1	1
88	SLV Y	186				-0.21	0.3	-0.8	8	11	6	1	-3	-3
175	Pesi	504				0.01	-0.02	0	8	0	-2	0	0	0
67	SLV 13	61				-0.36	-0.27	-3.51	8	2	-49	-1	-8	-8
14	SLV 15	378				-1.59	-0.47	-0.48	8	8	-84	2	-8	-8
106	SLV Y	351				0.59	0.64	0.35	8	11	14	0	2	2
261	SLV Y	415				-1.44	-1.93	-1.91	8	2	1	-7	15	15
172	Pesi	504				0.01	-0.02	0	8	0	-2	0	0	0
134	SLV Y	92				0.44	0.36	-0.24	8	11	16	1	-1	-1
87	SLV Y	359				0.34	0.4	-0.02	8	14	6	-1	-2	-2
151	SLV 15	348				-1.15	0.43	-1.46	8	3	-4	1	0	0
262	SLV Y	415				-1.4	-1.93	-1.46	8	3	-5	-11	-2	-2
149	SLV 15	345				-0.83	0.48	-1.66	8	0	-1	4	2	2
217	SLV 13	391				1.37	0.31	-0.01	7	11	-86	-1	10	10
70	SLV 3	65				0.08	0.42	-3.96	7	-2	-52	-1	-10	-10
152	SLV 15	348				-1.15	0.23	-1.41	7	3	-4	0	1	1
82	SLV 7	497				1.19	1.21	0.33	7	8	-2	4	0	0
209	SLV Y	468				-1.58	-1.92	-1.1	7	4	0	1	5	5
154	SLV 13	343				-0.84	-0.47	-1.61	7	-1	-2	-4	2	2
190	SLV Y	84				0.24	0.05	-0.64	7	8	16	0	4	4
69	SLV 7	63				-0.55	-0.19	-1.49	7	2	-23	-1	1	1
103	SLV 9	352				0.85	-0.9	0.29	7	-12	11	1	4	4
58	Tr sLV X	342				-1.27	-0.06	-0.08	7	0	4	2	0	0
277	Tr sLV X	139				0.57	-0.03	0.17	7	-1	0	-2	0	0
96	SLV 5	495				-1.89	-0.97	-0.57	7	-7	-2	-5	0	0
54	Tr sLV X	342				-1.28	0.04	-0.15	7	-1	4	2	0	0
146	SLV 15	140				-0.42	0.92	-1.68	7	2	-3	2	1	1
19	Pesi	431				-0.01	-0.08	0.01	7	3	-6	0	0	0
56	Tr sLV Y	336				0.23	-0.11	-0.78	7	1	5	-2	2	2
59	SLV Y	130				-1.89	-0.86	-0.79	7	-4	-4	-3	3	3
286	Tr sLV X	344				0.27	0.12	-0.22	7	-1	-2	-2	0	0
216	SLV X	303				-0.17	-0.19	0.37	7	4	6	0	1	1
120	SLV 1	496				0.61	-0.03	0.09	7	0	-2	-3	-1	-1
143	SLV 13	138				-0.34	-0.87	-1.59	7	-2	-3	-2	2	2
52	Tr sLV Y	336				0.26	0.15	-0.17	7	3	5	-2	0	0
278	Tr sLV X	341				1.23	0.13	0.03	7	0	4	-1	0	0
15	SLV 5	426				3.15	1.04	-0.26	7	4	-11	4	0	0
79	SLV 5	360				0.84	-0.67	0.08	7	-19	-4	2	-4	-4
178	SLV X	506				0	0	0	6	2	0	0	0	0
145	SLV 15	140				-0.48	0.74	-1.62	6	3	-3	0	2	2
144	SLV X	137				-0.85	-0.04	-0.8	6	0	4	0	1	1
132	SLV Y	92				0.47	0.41	-0.11	6	6	7	1	-1	-1
186	SLV 9	56				-0.12	-0.63	-1.12	6	-8	-19	2	-3	-3
147	SLV 15	357				-0.55	0.6	-0.58	6	-1	4	2	0	0
97	SLV Y	359				0.62	0.52	0.09	6	12	5	1	-2	-2
60	SLV Y	130				-1.89	-0.99	-0.79	6	-5	-2	-6	2	2
148	SLV 13	355				-0.56	-0.62	-0.68	6	1	4	-2	0	0
121	SLV 3	511				0.64	0.16	0.06	6	0	-2	3	0	0
62	Tr sLV X	135				-1.18	-0.21	-0.1	6	1	3	1	0	0
169	Pesi	503				0	-0.02	0	6	1	-2	0	0	0
99	SLV 9	360				0.74	-1.02	0.05	6	-12	-1	-2	0	0
1	SLV X	158				0.13	0.19	-0.35	6	4	7	0	-1	-1
189	SLV 11	26				-0.07	0.6	-0.63	6	9	-20	-1	-1	-1
221	SLV 7	452				-3.41	-0.85	0.14	6	3	-12	-4	0	0
202	SLV Y	123				1.14	0.47	0.23	6	-3	-12	5	-1	-1
57	Tr sLV X	338				-0.73	-0.05	-0.11	6	-1	1	1	0	0
98	SLV Y	359				0.43	0.08	-0.08	6	11	7	0	-2	-2
142	SLV Y	92				0.46	0.47	-0.23	6	8	13	1	-1	-1
18	SLV 5	429				-0.08	1.92	0.24	6	-3	-8	0	2	2
53	Tr sLV X	338				-0.73	-0.04	-0.13	6	-2	0	1	0	0

Sollecitazioni con sforzo Fzz minimo

Vengono mostrati i soli 200 gusci più sollecitati.

Shell	Cont.	Nodo	Sollecitazione											
			Ind	N.br.	Ind	Moo	Moz	Mzz	Foo	Foz	Fzz	Vo	Vz	
113	SLV 7	228				1.1	1.98	-1.68	-37	31	-139	10	-64	-64
286	SLV 15	122				-4.31	-1.57	0.33	-60	53	-131	-10	2	2
55	SLV 13	128				4.65	0.76	0.21	-37	38	-129	10	-2	-2
111	SLV 5	228				-0.25	-1.38	-2.12	-23	-39	-129	-6	-31	-31
208	SLV 15	172				5.49	-0.3	-10.03	-37	15	-122	20	23	23
203	SLV 13	317				5.72	0.17	-10.42	-37	-15	-120	-20	26	26
288	SLV 15	172				-5.14	-0.9	-5.23	-64	-20	-105	-11	-11	-11
51	SLV 13	317				4.85	0.86	5.82	-79	-12	-104	15	12	12
128	SLV 11	97				-3.85	0.58	-0.01	-34	20	-104	9	13	13
14	SLV 15	172				-1.62	-0.52	-4.87	-69	15	-101	2	-8	-8
70	SLV 11	97				3.96	-0.42	0.28	-30	15	-101	-11	-15	-15
274	SLV 9	96				-3.24	0.22	-0.31	-25	14	-99	6	16	16
217	SLV 13	317				1.96	0.31	5.53	-67	17	-99	-3	10	10
182	SLV 7	389				0.01	-0.03	0.07	-10	24	-96	0	0	0
133	SLV 9	96				-3.72	-0.49	-0.54	-33	-22	-95	-9	13	13
155	SLV 7	379				0	-0.03	-0.08	-12	-24	-91	0	0	0
269	SLV 13	18				-0.54	-0.13	2.55	7	34	-89	0	-7	-7
67	SLV 7	90				2.05	0.21	0.13	-19	-13	-85	8	-11	-11
185	SLV 7	90				1.99	-0.38	0.53	-28	15	-85	-4	-13	-13
275	SLV 7	84				-1.35	-0.06	-0.2	-19	-10	-78	-4	10	10
270	SLV 13	76				0.27	-0.18	3.32	-22	23	-78	-18	-9	-9
285	SLV 15	122				-5.19	-0.67	-0.39	-27	17	-75	-13	-1	-1
190	SLV 7	84				1.78	0.3	0.85	-28	-14	-74	4	-12	-12

Shell Ind	Cont. N.br.	Nodo Ind	Sollecitazione								
			Moo	Moz	Mzz	Foo	Foz	Fzz	Vo	Vz	
59	SLV 13	128	4.73	-0.03	0.01	-23	16	-72	10	-1	
267	SLV 15	15	0.14	-0.26	-0.31	-15	15	-71	-3	9	
134	SLV 5	96	-3.66	-0.86	-0.37	-25	-12	-70	-11	0	
202	SLV 15	122	4.2	0.1	2.13	-3	-2	-68	15	-3	
280	SLV 5	115	-5.4	-0.55	-0.31	-16	-1	-67	12	2	
197	SLV 13	109	2.91	-0.95	0.58	-13	4	-63	-8	-4	
127	SLV 7	97	-3.97	0.88	-0.9	-27	10	-60	12	-1	
66	SLV 7	97	3.92	-0.11	0.49	-24	-5	-58	-13	-2	
60	SLV 13	111	0.24	0.24	-0.08	-10	34	-56	3	-2	
265	SLV 1	15	0.16	0.22	0.1	-15	-12	-56	18	0	
207	SLV 11	123	0.75	0.55	0.07	-24	21	-55	5	15	
268	SLV 15	14	-0.49	-0.69	-0.26	-8	20	-54	25	23	
201	SLV 11	123	0.74	0.76	-0.05	-13	16	-54	5	1	
283	SLU 3	84	-1.25	0.01	0.32	-11	1	-54	-5	2	
198	SLV 9	127	0.94	-0.77	0.4	-13	-14	-53	-6	1	
196	SLV 15	84	1.18	0.68	0.54	-16	-9	-53	2	3	
204	SLV 9	127	0.94	-0.57	0.39	-24	-18	-52	-5	17	
287	SLV 15	117	0.17	-0.64	0.25	-22	43	-50	-2	3	
191	SLV 13	90	1.57	-0.67	0.88	-16	7	-50	-3	3	
63	SLV 13	109	2.85	-0.49	0.7	-1	14	-48	8	-2	
281	SLV 13	79	0.92	-0.1	0.83	-29	35	-47	5	2	
71	SLV 7	390	-0.53	-0.67	0.19	-24	31	-47	0	-3	
115	SLV 5	115	-5.25	-0.51	-0.53	-12	-8	-46	-12	0	
282	SLV 5	78	2.14	3.16	5.45	-30	-23	-46	32	70	
85	SLV 5	364	-0.61	0.73	0.14	-25	-30	-45	0	-3	
52	SLV 13	395	0.13	-0.7	0.69	-7	-30	-45	4	1	
279	SLV 5	134	-6.17	-0.61	-0.4	-17	-2	-44	10	2	
64	SLV 13	111	0.25	0.2	-0.04	-8	23	-43	4	-2	
126	SLV 7	116	-5.22	0.44	-0.69	-11	10	-42	12	-1	
62	SLV 7	135	5.43	0.37	0.95	-13	-5	-42	-7	-3	
266	SLV 1	16	0.43	0.47	0.75	-7	-17	-41	-12	21	
65	SLV 11	114	1.16	-0.59	-0.14	-14	8	-40	-6	-3	
142	SLV 5	112	-0.97	-1.18	0.47	-17	-16	-40	-7	2	
192	SLV 13	108	0.57	-0.95	0.58	-14	1	-40	-4	-1	
195	SLV 15	104	0.42	0.95	0.52	-14	0	-40	4	-1	
56	SLV 13	336	0.19	0.08	2.65	-47	5	-40	5	-4	
136	SLV 7	110	-0.98	1.07	0.37	-16	15	-39	6	2	
291	SLV 15	378	-0.35	0.4	0.09	6	-10	-38	-1	-1	
47	SLV 13	391	0.64	-0.58	0.04	12	-10	-37	1	1	
284	SLU 7	117	0.68	0.25	-0.38	-16	17	-37	1	4	
28	SLV 15	378	-1.54	0.11	-0.03	8	7	-36	1	-1	
188	SLU 3	41	0.02	-0.01	-0.2	0	2	-36	-1	1	
187	SLU 3	41	-0.03	0.05	-0.2	-1	0	-36	1	1	
100	SLV 7	352	-0.89	1.3	-1.23	-18	26	-35	-3	3	
92	SLV 5	351	-0.73	-1.09	-1.03	-16	-24	-35	2	4	
141	SLV 5	131	-1.36	-0.72	0.19	-9	-13	-35	-8	1	
61	SLV 7	114	1.37	-0.41	0.08	-14	-4	-35	-7	-2	
58	SLV 3	135	4.92	0.4	0.4	-15	-3	-34	-8	0	
189	SLU 3	86	-0.36	0.41	-0.33	-16	2	-34	0	0	
223	SLV 13	391	1.38	-0.13	0.11	8	8	-34	-1	1	
130	SLU 7	43	0.16	0.07	-2.26	-10	-1	-34	0	-11	
131	SLU 7	43	0.26	-0.08	-2.25	-9	2	-34	0	-11	
186	SLU 3	88	-0.37	-0.41	-0.34	-17	-2	-33	0	-1	
1	SLV 5	364	0.72	-0.72	-1.55	-8	-4	-33	-1	9	
48	SLV 13	395	0.11	-0.72	0.41	0	-26	-33	3	1	
116	SLV 5	134	-6.16	-0.42	-0.84	-9	-5	-33	-13	-1	
135	SLV 7	110	-0.97	0.84	0.18	-14	13	-33	6	1	
183	SLU 3	389	0	-0.02	0.06	-3	10	-33	0	0	
216	SLV 7	390	-0.98	-0.71	1.63	-7	-4	-33	1	-9	
90	SLU 3	339	0.22	-0.21	-0.26	-2	4	-33	-3	3	
125	SLV 3	135	-4.99	0.37	-0.51	-8	3	-32	14	-1	
13	SLV 15	377	-0.85	-0.3	-0.83	-15	30	-32	2	-7	
278	SLV 5	134	-6.19	-0.58	-0.47	-17	-3	-32	11	2	
156	SLU 3	379	0	-0.03	-0.07	-3	-9	-31	0	0	
78	SLU 3	340	0.28	0.24	-0.27	-2	-4	-31	3	3	
129	SLU 7	51	0.56	0.53	-1.39	-4	-8	-31	0	-9	
290	SLV 15	344	0.43	0.48	0.25	-16	-27	-31	-4	-2	
69	SLV 11	95	-0.2	-1	-1.39	-25	2	-30	-3	-4	
222	SLV 13	361	0.9	0.27	0.9	-14	29	-30	-2	6	
27	SLV 15	377	-0.82	-0.01	-1.03	-7	23	-30	1	-2	
199	SLV 9	107	-0.33	-0.8	0.46	-17	-21	-29	-3	3	
227	SLV 13	361	0.85	-0.1	0.96	-6	23	-29	-1	2	
194	SLU 7	105	-1.12	0.34	0.21	-20	0	-29	1	0	
206	SLU 7	240	-1.21	-0.33	-6.59	4	-2	-29	2	9	
205	SLU 7	240	-1.26	0.42	-6.6	4	3	-29	-2	9	
193	SLV 13	107	-0.93	-0.63	0.03	-21	-5	-29	-1	1	
132	SLU 7	83	1.76	-1.22	2.32	-23	6	-29	-1	-8	
200	SLV 11	105	-0.37	0.78	0.23	-16	22	-28	2	3	
289	SLU 3	136	-0.23	-0.07	-0.27	-17	2	-28	0	1	
68	SLU 3	91	-0.67	0.13	-1.23	-17	3	-27	1	-1	
57	SLU 3	132	0.03	0.09	0.45	-12	8	-26	-1	0	
103	SLV 7	352	-0.88	1.23	-1.1	-11	15	-26	1	-6	
146	SLV 5	335	-1.19	-0.43	-0.13	-6	-12	-25	-7	2	
143	SLV 7	129	-1.55	0.63	-0.02	-7	11	-25	7	1	
54	SLV 3	342	4.78	0.24	0.48	-12	3	-25	-6	1	
106	SLV 5	351	-0.8	-1.05	-0.92	-10	-13	-24	0	-5	
180	SLU 7	388	0.02	-0.03	0.06	-14	15	-24	0	0	
139	SLV 5	121	1.29	-0.93	0.41	-10	-14	-23	-4	1	
138	SLU 3	101	1.54	0.03	1.07	-10	0	-23	1	1	
209	SLV 1	468	0.55	0.93	0.48	-8	-12	-23	-2	-2	
140	SLU 3	101	1.53	0	1.07	-10	0	-23	-1	1	
159	SLU 7	380	-0.03	-0.03	-0.05	-12	-13	-23	0	0	
137	SLV 7	120	0.97	0.93	0.35	-8	13	-23	4	1	
277	SLV 1	341	-4.99	-0.39	-0.66	-14	3	-22	8	0	
124	SLV 3	342	-4.93	0.09	-0.53	-7	0	-22	13	-1	
75	SLV 7	287	-0.37	0.72	-0.32	-13	13	-21	1	1	
262	SLV 3	415	-0.49	-0.53	-0.66	-10	-13	-21	-3	0	
117	SLV 1	341	-4.94	-0.02	-0.5	-7	0	-21	-14	0	
88	SLV 5	186	-0.35	-0.63	-0.28	-13	-14	-21	-1	1	

Shell Ind	Cont. N.br.	Nodo Ind	Sollecitazione								
			Moo	Moz	Mzz	Foo	Foz	Fzz	Vo	Vz	
263	SLV 15	466	1.32	0.64	0.54	30	-28	-20	-3	-1	
72	SLV 5	356	-0.16	-0.95	-0.14	-16	-28	-20	-5	-4	
79	SLV 7	360	-0.37	0.8	-0.51	-11	13	-20	-1	0	
145	SLV 5	121	1.3	-0.82	0.48	-9	-12	-20	-4	1	
87	SLU 3	346	0.1	0.04	-0.56	-4	2	-20	-1	-2	
252	SLV 7	305	-0.67	-0.94	-2.81	-12	-1	-20	2	-3	
251	SLV 7	305	-0.24	-0.88	-2.76	-16	-3	-19	1	-3	
144	SLV 7	120	0.96	0.86	0.21	-8	12	-19	4	0	
2	SLV 5	160	0.59	1.01	2.98	-11	0	-19	-2	3	
3	SLV 5	160	0.33	0.9	2.94	-14	-2	-19	-2	3	
250	SLV 7	349	-0.68	-1.59	-2.08	-7	-7	-18	0	-6	
53	SLU 3	337	0.29	-0.01	0.36	-11	-3	-17	0	0	
93	SLV 7	352	-0.9	1.21	-1.11	-23	25	-17	7	-4	
154	SLV 3	334	0.61	-0.11	0.9	-9	2	-17	7	2	
107	SLV 5	409	-0.77	-0.92	-0.15	-2	-15	-17	-3	-1	
179	Pesi	238	0	-0.04	0.07	-8	0	-17	0	0	
74	SLV 7	417	-0.66	1.57	-0.41	2	14	-17	5	5	
211	SLV 11	469	1.41	-2.15	0.7	0	-1	-16	1	-10	
149	SLV 5	335	-1.07	-0.24	0.24	-5	-9	-16	-7	2	
261	SLV 1	407	-0.04	0.82	-0.27	-8	-12	-16	-1	-8	
152	SLV 3	138	2.78	0.26	1.07	-10	3	-16	2	-1	
109	SLV 7	411	-0.55	1.04	-0.02	-3	16	-16	3	-1	
98	SLV 5	359	-0.69	-0.38	-0.26	-9	-11	-16	1	1	
94	SLV 7	360	-0.65	0.59	-0.52	-9	11	-16	-1	1	
114	SLV 7	339	-0.06	0.99	-1.95	-68	52	-16	-29	14	
253	SLV 11	418	-1.09	-0.27	-0.27	0	3	-16	15	12	
151	SLV 1	140	2.95	-0.2	1.18	-10	-3	-16	-2	-1	
4	SLV 5	367	0.3	1.48	1.53	-5	-8	-15	-1	5	
77	SLV 5	416	-0.98	-1.18	-0.22	0	-14	-15	-4	5	
225	Pesi	315	-0.07	-0.15	0.04	-15	-2	-15	0	0	
158	SLU 3	381	-0.01	-0.03	-0.04	-8	-9	-15	0	0	
112	SLV 5	340	0.37	-0.8	-1.38	-67	-51	-15	27	9	
12	Pesi	170	0.07	0.07	-0.04	-16	-2	-15	0	0	
97	SLV 5	359	-0.93	-0.93	-0.53	-9	-14	-15	-2	0	
15	SLU 7	364	-1.31	-0.42	0.1	-9	-6	-15	-3	1	
167	SLU 3	383	0	-0.04	-0.01	-4	-4	-15	0	0	
164	SLU 3	383	0	-0.04	-0.01	-2	-5	-15	0	0	
153	SLV 3	343	2.88	0.11	1.03	-8	2	-14	1	3	
105	SLV 5	421	-0.07	-0.83	0.19	2	-13	-14	-3	0	
170	SLU 3	384	0	-0.04	0	-4	-1	-14	0	0	
255	SLV 7	349	-0.11	-1.61	-2.01	-6	-5	-14	0	-1	
150	SLV 1	345	3.07	0.01	0.98	-8	-2	-14	-1	4	
256	SLV 7	349	-0.66	-1.7	-2.07	-6	-6	-14	-1	-4	
221	SLU 7	390	1.15	0.48	-0.07	-8	-6	-14	3	-1	
248	SLV 7	350	-0.61	-1.83	-2.44	-7	-8	-14	1	-8	
161	SLU 3	231	0	-0.06	-0.09	7	-4	-14	0	0	
99	SLV 7	360	-0.98	1.2	-0.76	-10	15	-14	2	-2	
230	Pesi	314	-0.08	-0.13	-0.13	-14	0	-14	0	0	
50	SLV 3	402	4.11	0.24	0.52	-12	6	-14	-4	1	
173	SLU 3	385	0	-0.04	0.01	-4	2	-13	0	0	
11	Pesi	169	0.09	0.05	0.14	-15	0	-13	0	0	
49	SLV 13	397	-1.06	-0.76	0.23	-5	-26	-13	2	0	
212	SLV 1	412	0.25	1.26	0.12	-14	-18	-13	0	-3	
176	Pesi	387	0.01	-0.03	0.03	-2	1	-13	0	0	
7	SLU 7	371	0.23	-0.12	0.55	-7	0	-13	0	-3	
6	SLU 3	370	0.12	-0.12	0.3	-4	-4	-13	0	0	
247	SLU 3	394	-0.11	0.02	-0.28	-3	-5	-13	0	0	
244	SLU 7	398	-0.32	0.07	-0.58	-7	-1	-13	0	2	
242	SLU 7	396	-0.26	-0.08	-0.5	-7	1	-13	0	2	
235	Pesi	313	-0.05	-0.1	-0.2	-13	1	-13	0	0	
8	SLU 3	371	0.1	-0.02	0.27	-5	0	-13	0	0	
110	SLV 7	421	0.6	0.93	0.57	0	14	-13	4	-1	
181	SLU 7	450	0.01	-0.02	0.02	-7	7	-13	0	0	
168	SLU 3	446	0	-0.03	0	-17	-1	-12	0	0	
171	SLU 3	446	0	-0.03	0	-16	0	-12	0	0	
10	Pesi	168	0.05	0.01	0.21	-14	1	-12	0	0	
162	SLU 3	444	-0.01	-0.03	-0.01	-14	-6	-12	0	0	
273	SLV 1	401	-4.06	-0.28	-0.58	-11	5	-12	5	-1	
5	SLU 3	369	0.15	-0.19	0.31	-4	-6	-12	0	1	
184	SLU 3	451	0	-0.01	0.03	-2	2	-12	0	0	
9	SLU 7	372	0.15	0.06	0.49	-7	4	-12	0	0	
238	SLU 7	396	-0.1	-0.14	-0.51	-7	3	-12	0	-2	
160	SLU 7	442	-0.01	-0.02	-0.02	-6	-7	-12	0	0	
43	SLV 13	453	0.23	-0.39	-0.01	35	-5	-12	2	0	
157	SLU 3	441	0	-0.01	-0.03	-1	-1	-12	0	0	
76	SLV 5	340	-0.21	-0.57	-1.43	7	-4	-12	0	25	
89	SLV 7	339	-0.41	0.66	-1.99	9	4	-12	1	32	
165	SLU 3	445	0	-0.03	-0.01	-15	-4	-12	0	0	

Sollecitazioni con sforzo Fzz massimo

Vengono mostrati i soli 200 gusci più sollecitati.

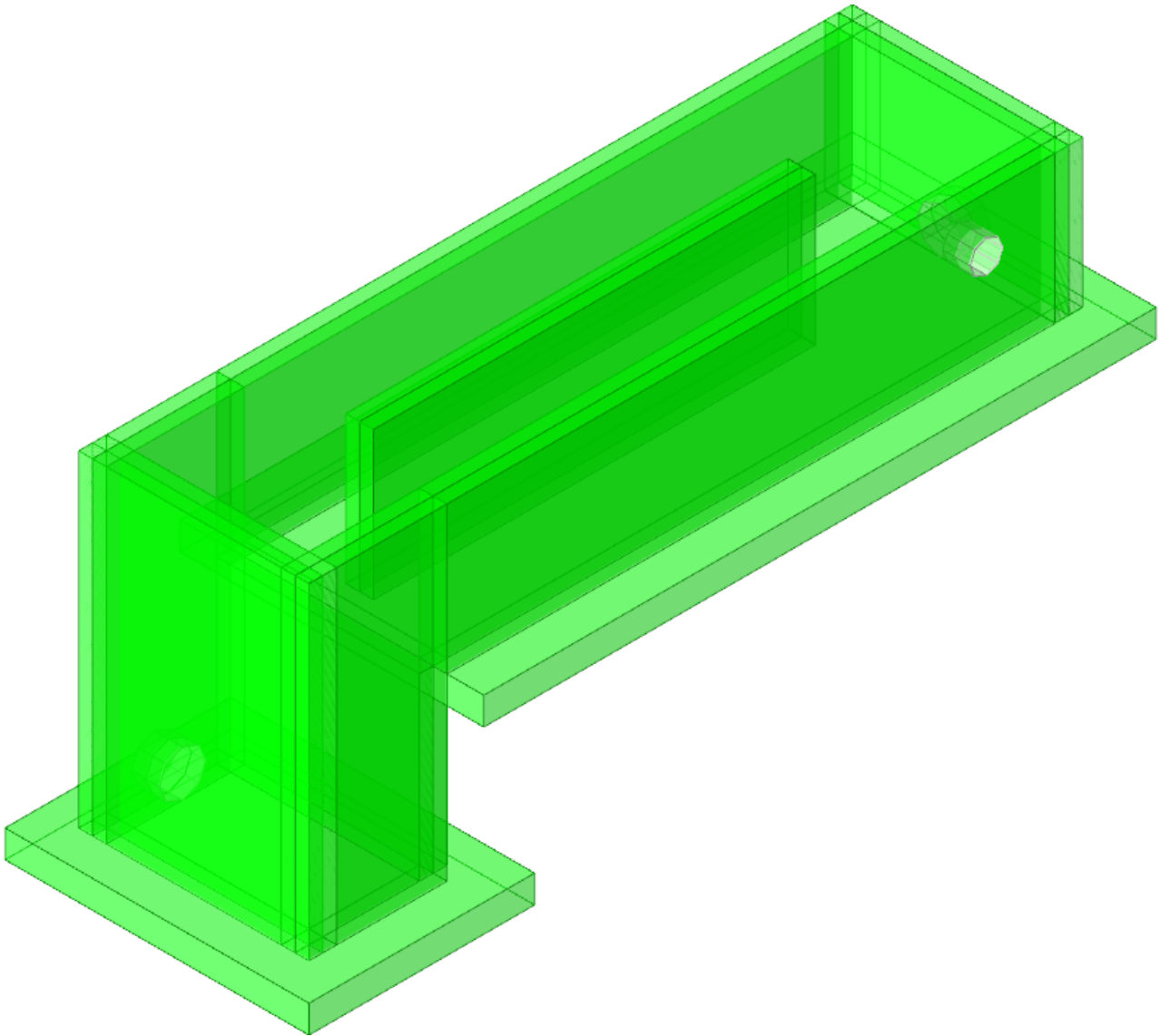
Shell Ind	Cont. N.br.	Nodo Ind	Sollecitazione								
			Moo	Moz	Mzz	Foo	Foz	Fzz	Vo	Vz	
265	SLV 15	15	-0.31	0.07	-0.22	18	13	65	1	8	
266	SLV 15	16	-0.22	0.22	-0.05	19	8	65	-9	14	
111	SLV Y	228	0.05	0.49	0.5	12	31	47	-9	0	
268	SLV 1	14	-0.4	-0.99	0.3	13	-4	45	24	26	
267	SLV 1	15	-0.29	-0.34	0.1	10	-11	38	-5	30	
116	SLV 11	134	1.39	0.98	-0.44	-2	9	34	-1	1	
278	SLV 11	341	2.65	0.68	0.35	-10	1	34	1	-2	
269	SLV Y	77	-0.03	-0.06	-1.85	9	12	33	-10	-1	
274	SLV Y	96	0.75	-0.33	0.36	2	4	32	-1	-7	
58	SLV 13	342	-1.41	-0.56	-0.13	-3	2	31	0	2	
125	SLV 13	342	1.28	-0.74	-1.44	2	-3	31	-3	0	
279	SLV 11	134	1.38	-0.02	0.5	-8	15	31	1	-4	
133	SLV Y	96	0.91	-0.04	-0.38	9	14	31	1	-2	
54	SLV 13	342	-1.41	-0.6	-0.19	-3	-7	31	0	-1	
134	SLV Y	96	0.98	0.12	0.25	6	8	28	1	1	

Shell Ind	Cont. N.br.	Nodo Ind	Sollecitazione								
			Moo	Moz	Mzz	Foo	Foz	Fzz	Vo	Vz	
124	SLV 13	342	1.34	-0.82	-1.03	0	2	28	-3	-2	
277	SLV 15	341	1.51	0.51	0.15	-2	-10	28	0	1	
280	SLV Y	115	1.91	-0.12	0.27	3	5	27	-3	-1	
117	SLV 15	341	1.49	0.84	-1.13	0	-2	27	4	-3	
115	SLV 11	115	-0.75	0.62	0.46	-5	13	27	-6	4	
203	SLV Y	291	-0.12	0.98	1.67	53	14	26	19	-3	
155	SLV X	379	0	0	0.01	3	9	25	0	0	
62	SLV 9	135	-0.65	-0.17	-0.59	-9	15	24	-4	5	
270	SLV Y	12	0.12	-0.3	-1.04	-1	8	24	2	2	
113	SLV X	228	1.09	-1.48	2.93	6	0	22	-36	74	
126	SLV 9	116	-1.17	-0.46	0.15	-7	-14	22	8	2	
208	SLV 5	174	-1.26	-1.38	-0.68	57	-15	22	-16	2	
55	SLV 3	128	-0.69	-0.3	-0.29	4	2	21	1	1	
204	SLV Y	127	-1.24	0.79	-0.65	5	10	21	3	-6	
51	SLV Y	317	-8.4	-1.04	-8.26	-14	2	18	-24	-17	
50	SLV 13	402	-2.03	-0.65	-0.65	2	-20	18	1	-3	
282	SLV Y	78	-0.94	-1.07	-1.88	12	10	17	-9	-24	
275	SLV Y	84	-0.22	-0.19	0.11	6	9	17	1	-3	
217	SLV Y	317	-4.88	-0.88	-7.91	-3	-5	16	6	-15	
190	SLV Y	84	0.24	0.05	-0.64	7	8	16	0	4	
273	SLV 15	401	2.16	0.53	0.63	-1	-23	16	-1	3	
142	SLV Y	112	1.06	0.52	0.06	4	9	15	2	-1	
85	SLV Y	364	0.98	-0.65	0.15	7	18	15	0	-1	
141	SLV Y	131	1.44	0.57	0.1	3	9	14	3	-1	
207	SLV 5	123	-1.78	-1.19	-0.39	2	-13	14	-2	0	
198	SLV Y	127	-1.24	0.59	-0.62	-3	8	14	3	1	
106	SLV Y	351	0.59	0.64	0.35	8	11	14	0	2	
286	SLV 1	122	1.06	0.41	-0.02	0	3	13	3	-2	
118	SLV 11	401	2.98	1.23	-0.74	1	-2	13	2	-4	
123	SLV 13	402	1.82	-0.61	-0.87	3	8	13	-4	-4	
211	SLV 5	469	-2.05	2.84	-0.99	-1	-1	12	1	10	
209	SLV X	468	0.15	-0.03	0.16	1	5	12	1	-1	
92	SLV Y	351	0.56	0.66	0.38	12	19	12	-2	-4	
197	SLV Y	127	-1.22	0.51	-0.62	-7	-1	12	5	2	
182	Pesi	389	0	-0.02	0.05	5	-7	11	0	0	
284	SLV Y	99	0.48	-0.64	0.36	5	9	11	-3	2	
103	SLV 9	352	0.85	-0.9	0.29	7	-12	11	1	4	
13	Port.	170	0.05	0.12	0.12	10	7	11	0	0	
59	SLV Y	128	-2.97	-0.53	-0.03	6	-2	11	-3	1	
146	SLV Y	335	1.48	0.57	0.2	3	9	11	3	-1	
143	SLV X	334	-0.3	-0.28	-0.63	6	0	11	-1	0	
72	SLV Y	356	0.28	0.62	0.01	12	22	11	2	2	
222	Port.	315	-0.04	-0.12	-0.12	10	7	11	0	0	
1	SLV Y	364	-0.82	-0.84	0.84	1	-4	11	0	-4	
88	SLV Y	364	1	-0.28	0.89	2	11	10	1	-3	
225	Port.	315	0.01	-0.04	-0.12	10	6	10	0	0	
12	Port.	170	-0.01	0.04	0.12	10	6	10	0	0	
287	SLV Y	139	2.17	0.17	-1.32	2	0	10	-8	1	
179	Port.	238	0	0	0	8	4	10	0	0	
135	SLV X	129	0.1	-0.31	-0.6	5	-3	9	-1	-1	
57	SLV X	338	-0.51	-0.06	0.04	-5	2	9	1	0	
112	SLV Y	340	-0.01	0.41	0.35	49	22	9	-12	-2	
71	SLV X	390	-0.55	-0.23	-0.45	5	-2	9	1	3	
66	SLV X	116	0.22	-0.19	-0.38	0	11	8	0	2	
210	SLV 1	471	-0.78	0.82	-0.51	4	-10	8	0	-7	
105	SLV Y	421	0.32	0.51	0.08	-3	11	8	3	-2	
11	Port.	169	-0.01	0.02	0.04	11	3	8	0	0	
230	Port.	314	0.01	-0.02	-0.04	11	3	8	0	0	
154	SLV X	334	-0.34	-0.2	-0.65	6	1	8	-1	0	
53	SLV X	399	-0.69	-0.12	-0.06	3	-13	8	1	0	
262	SLV X	415	0.06	0.01	0.07	6	8	8	0	0	
46	SLV 13	464	-2.12	-0.54	-0.3	11	-11	7	1	-1	
261	SLV X	407	0.11	-0.01	0.04	1	7	7	0	0	
176	Port.	237	0	0	0	9	1	7	0	0	
98	SLV Y	359	0.43	0.08	-0.08	6	11	7	0	-2	
114	SLV 9	339	-0.4	-0.68	0.95	51	-7	7	5	-5	
149	SLV X	335	-0.37	0.21	-0.63	6	-1	7	1	0	
107	SLV Y	409	0.64	0.59	0.19	0	13	7	2	-1	
199	SLV Y	107	-0.41	0.57	-0.21	-1	13	7	1	0	
260	SLV 5	474	-0.87	2.62	0.37	-23	2	7	-5	-15	
139	SLV Y	102	0.4	0.74	0.02	3	8	7	1	-1	
132	SLV Y	92	0.47	0.41	-0.11	6	6	7	1	-1	
206	Pesi	240	-0.35	0.08	-0.48	11	0	6	0	0	
289	SLV Y	354	2.14	1.23	-0.79	1	2	6	-5	1	
288	SLV 1	172	3.61	0.87	2.93	-15	2	6	8	6	
205	Pesi	240	-0.38	-0.04	-0.48	11	0	6	0	0	
177	Port.	387	0	0	0	-2	5	6	0	0	
77	SLV Y	416	0.85	0.61	0.25	-1	13	6	4	-5	
90	SLV X	339	-0.85	0.34	0.89	1	-1	6	2	0	
86	SLV Y	404	0.57	0.66	0.09	1	13	6	3	0	
173	Port.	236	0	0	0	10	1	6	0	0	
216	SLV X	303	-0.17	-0.19	0.37	7	4	6	0	1	
78	SLV X	340	-0.84	-0.32	0.95	1	1	6	-2	1	
87	SLV Y	359	0.34	0.4	-0.02	8	14	6	-1	-2	
235	Port.	313	0.01	-0.03	0.04	12	2	6	0	0	
10	Port.	168	-0.01	0.03	-0.04	12	2	6	0	0	
153	SLV X	343	-0.9	-0.14	-0.63	6	1	6	0	0	
127	SLV X	97	-0.12	-0.2	0.15	-2	-7	6	1	2	
2	SLV Y	160	-0.51	-0.96	-2.81	8	-2	6	2	-3	
60	Tr sLV Y	111	-0.1	-0.31	-0.03	0	-3	6	-1	0	
14	SLV 1	172	2.28	0.77	2.8	-11	-3	6	-3	5	
150	SLV X	357	-0.79	0.23	-0.49	4	-2	6	1	0	
52	Tr sLV Y	395	0.08	0.18	0.08	1	4	6	-2	0	
212	SLV X	412	0.21	-0.01	0.07	0	9	6	1	0	
145	SLV Y	121	0.55	0.72	0.09	2	9	6	2	0	
156	SLV X	379	0	0	0.01	0	3	6	0	0	
148	SLV X	355	-0.72	-0.18	-0.3	5	2	5	-1	0	
152	SLV X	343	-0.92	-0.14	-0.82	6	0	5	0	1	
100	SLV X	347	0.22	-0.39	0.48	1	0	5	-1	4	

Shell Ind	Cont. N.br.	Nodo Ind	Sollecitazione							
			Moo	Moz	Mzz	Foo	Foz	Fzz	Vo	Vz
76	SLV Y	258	0.24	0.3	-0.19	-5	4	5	1	-6
49	SLV X	461	-0.82	-0.11	-0.1	15	-15	5	1	0
144	SLV X	138	-0.75	-0.15	-0.78	6	0	5	0	1
3	SLV Y	160	-0.33	-0.94	-2.79	9	-2	5	1	-3
180	Port.	387	0	0	0	-7	8	5	0	0
75	SLV 9	390	2.12	-0.12	1.16	-1	-14	5	-3	-4
97	SLV Y	404	0.48	0.7	0.01	3	14	5	1	-2
147	SLV X	357	-0.75	0.16	-0.24	4	-2	5	1	0
151	SLV X	345	-0.94	0.14	-0.8	6	0	5	0	1
231	Port.	362	-0.03	-0.01	0.09	-4	8	5	0	0
26	Port.	376	0.03	0.01	-0.09	-4	8	5	0	0
281	SLV Y	79	0.03	-0.51	0.04	-4	6	5	1	2
272	SLV 11	494	1.97	1.46	-0.01	17	-4	5	1	0
108	SLV Y	409	0.71	0.48	0.24	0	10	5	2	-1
283	SLV Y	98	-0.69	-0.7	0.05	2	6	5	0	2
159	SLV X	380	0.01	0	-0.01	3	6	5	0	0
25	Port.	375	0.03	0.03	-0.03	-3	4	5	0	0
234	Port.	363	-0.02	-0.03	0.03	-3	4	5	0	0
136	SLV X	110	0.01	-0.26	-0.15	2	-4	5	0	1
285	SLV 1	122	0.95	0.5	0.03	3	-2	5	2	0
110	SLV 9	421	-0.7	-0.87	-0.45	-5	-13	5	-4	0
48	SLV Y	395	-0.79	1.28	-0.97	-2	-1	5	-5	-3
170	Port.	235	0	0	0	11	-1	5	0	0
137	SLV X	120	-0.45	-0.17	-0.71	5	0	5	0	1
140	SLV Y	102	0.39	0.72	0.09	3	6	5	1	0
9	Port.	167	-0.01	0.05	-0.07	12	0	5	0	0
56	Tr sLV Y	336	0.23	-0.11	-0.78	7	1	5	-2	2
255	SLV X	407	0.1	-0.03	0.02	-1	7	5	0	0
193	SLV Y	107	-0.41	0.56	-0.2	-2	11	4	1	0
47	SLV Y	395	-0.98	1.14	-0.99	-5	-1	4	-1	-4
238	Port.	312	0.01	-0.05	0.07	12	0	4	0	0
191	Tr sLV Y	109	-0.39	-0.01	0.05	1	2	4	0	0
253	Port.	418	0.04	0.03	-0.09	-2	-7	4	0	0
202	SLV 1	122	-0.83	0.08	0.77	-3	0	4	-1	0
227	Port.	362	-0.01	0.02	0.08	-6	11	4	0	0
251	SLV X	305	-0.08	-0.09	-0.18	5	8	4	0	0
27	Port.	376	0.01	-0.02	-0.08	-6	12	4	0	0
4	SLV Y	161	-0.55	-0.85	-3.98	10	-1	4	1	-5
192	SLV Y	107	-0.38	0.55	-0.2	-3	9	4	1	1
61	SLV X	114	0.11	0	0.01	-1	16	4	0	0
226	SLV 3	471	-1.72	0.03	1.23	4	-7	4	43	32
223	SLV Y	391	-2.47	0.04	-0.71	-3	-5	4	2	-3
167	Port.	234	0	0	0	11	-1	4	0	0
290	SLV Y	354	1.78	1.44	-0.13	1	3	4	-5	-1
252	SLV X	305	0.03	-0.09	-0.17	2	7	4	0	0
196	SLV Y	104	0.93	0.33	0.03	-1	5	4	1	-1
174	Port.	386	0	0	0	0	2	4	0	0
242	Port.	311	0	-0.07	0.06	12	-1	4	0	0
93	SLV 9	356	-0.31	-0.73	-0.16	15	-23	4	-5	3
63	Tr sLV Y	109	-0.4	-0.18	0.05	-1	0	4	-1	0
250	SLV X	349	0.02	-0.01	0.02	4	12	4	0	0
214	Pesi	407	0.02	0.01	0	1	6	4	-1	0
8	Port.	166	0	0.06	-0.06	12	-1	4	0	0
89	SLV Y	186	0.32	-0.12	0.06	7	4	4	1	12
16	SLV Y	365	-0.67	-1.62	-0.22	1	-5	4	-1	0
15	SLV X	365	-0.16	0.2	-0.02	1	6	3	0	0
131	SLV Y	35	-0.07	0.42	-0.24	0	-1	3	-1	0
24	Port.	374	0	0.04	-0.02	-3	2	3	0	0
254	Port.	400	0	0.06	-0.05	-3	-6	3	0	0
79	SLV X	347	-0.1	-0.35	0.43	1	1	3	0	2
239	Port.	392	0	-0.04	0.02	-3	1	3	0	0
119	SLV 11	463	3.04	1.22	0.28	1	-1	3	3	0
171	Port.	385	0	0	0	1	0	3	0	0
244	Port.	310	-0.01	-0.08	0	11	-2	3	0	0
221	SLV X	400	0.15	-0.19	0.06	0	6	3	0	0
122	SLV 13	464	2.02	-0.5	0.24	1	6	3	-5	0
213	Port.	518	-0.05	-0.02	-0.01	-28	-2	3	0	0
18	SLV Y	367	-0.21	-1.56	-1.37	0	1	3	0	-2
248	Port.	308	-0.03	-0.04	-0.2	8	-3	3	0	0
84	SLV Y	495	0.98	0.76	0.14	-15	7	3	8	-3
7	Port.	165	0.01	0.08	-0.02	11	-2	3	0	0
138	SLV X	100	0.11	-0.13	-0.21	2	-1	3	0	1
164	Port.	233	0	0	0	10	-2	3	0	0
220	SLV X	468	0.14	-0.04	-0.01	1	2	3	0	0
91	SLV Y	416	0.65	0.25	0.15	-2	4	3	4	-2
256	SLV X	349	0.02	0	0.01	2	9	3	0	0
17	SLV Y	366	-0.29	-1.71	-0.96	0	-3	3	0	-2
64	Tr sLV Y	111	-0.11	-0.24	-0.08	0	-2	3	-1	0
257	SLV X	358	0.04	0.02	0.03	3	10	3	0	0
247	Port.	309	-0.02	-0.08	-0.08	10	-3	3	0	0
185	SLV Y	56	-0.19	0.43	-0.22	0	3	3	0	0
29	SLV Y	476	-5.35	-1.22	-0.13	-6	-3	3	-10	1
243	Port.	393	0.01	-0.04	0.02	-4	-1	3	0	0
258	SLV X	422	0.06	0.02	0.04	1	7	2	0	0
259	SLV X	406	0.05	-0.01	0.04	2	7	2	0	0
128	SLV X	57	0.39	-0.09	1.17	-1	-5	2	2	2

VERIFICHE

1 Rappresentazione generale delle verifiche



Verifiche
Vista assometrica dell'edificio in cui vengono evidenziati gli elementi strutturali posti a verifica.

2 Verifiche

2.1 Verifiche piastre C.A.

Le unità di misura elencate nel capitolo sono in [m, kN] ove non espressamente specificato.

Nodo: indice del nodo di verifica.

Dir.: direzione della sezione di verifica.

B: base della sezione rettangolare di verifica. [m]

H: altezza della sezione rettangolare di verifica. [m]

A. sup.: area barre armatura superiori. [m²]

C. sup.: distanza media delle barre superiori dal bordo superiore della sezione. [m]

A. inf.: area barre armatura inferiori. [m²]

C. inf.: distanza media delle barre inferiori dal bordo inferiore della sezione. [m]

Comb.: combinazione di verifica.

M: momento flettente. [kN*m]

N: sforzo normale. [kN]

Mu: momento flettente ultimo. [kN*m]

Nu: sforzo normale ultimo. [kN]

c.s.: coefficiente di sicurezza.

Verifica: stato di verifica.

A. st.: area staffe su interasse. [m]

A. sag.: area sagomati su interasse. [m]

Ved: taglio agente. [kN]

Vrd: taglio resistente. [kN]

Vrdc: resistenza di calcolo a taglio per elementi privi di armature trasversali. [kN]

Vrds: resistenza di calcolo a taglio trazione. [kN]

Vrsc: resistenza di calcolo a taglio compressione. [kN]

cotgθ: cotangente dell'inclinazione dei puntoni di calcestruzzo rispetto all'asse dell'elemento.

Asl: area longitudinale tesa nella combinazione di verifica di Ved. [m²]

σc: tensione nel calcestruzzo. [kN/m²]

σlim: tensione limite. [kN/m²]

Es/Ec: coefficiente di omogenizzazione.

σf: tensione nell'acciaio d'armatura. [kN/m²]

Platea di fondazione

Verifiche condotte secondo D.M. 17-01-18 (N.T.C.)

Geometria



Caratteristiche dei materiali

Acciaio: B450C Fyk 450000

Calcestruzzo: C28/35 Rck 35000

Sistema di riferimento e direzioni di armatura

Le coordinate citate nel seguito sono espresse in un sistema di riferimento cartesiano con origine in (-0.4; -0.4; -0.55), direzione dell'asse X = (0.01; 0; 0), direzione dell'asse Y = (0; 0.01; 0).

Le direzioni X/Y di armatura e le sezioni X/Y di verifica sono individuate dagli assi del sistema di riferimento.

Verifiche nei nodi

Verifiche SLU flessione nei nodi

La struttura è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione, per le combinazioni SLV, viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Nodo	Dir.	B	H	A. sup.	C. sup.	A. inf.	C. inf.	Comb.	M	N	Mu	Nu	c.s.	Verifica
172	X	0.502	0.3	0.000386	0.061	0.000386	0.061	SLV 11	5.0414	0	30.9005	0	6.1294	Si
317	X	0.502	0.3	0.000386	0.061	0.000386	0.061	SLV 9	4.8413	0	30.9005	0	6.3827	Si
171	X	0.984	0.3	0.000757	0.061	0.000757	0.061	SLV 11	8.2135	0	64.0885	0	7.8028	Si
316	X	0.984	0.3	0.000757	0.061	0.000757	0.061	SLV 9	8.0799	0	64.0885	0	7.9318	Si
230	X	1	0.3	0.00077	0.061	0.00077	0.061	SLV 5	7.758	0	65.4664	0	8.4385	Si
166	X	1	0.3	0.00077	0.061	0.00077	0.061	SLV 7	7.7422	0	65.4664	0	8.4557	Si
165	X	1	0.3	0.00077	0.061	0.00077	0.061	SLV 7	7.7147	0	65.4664	0	8.4859	Si
310	X	1	0.3	0.00077	0.061	0.00077	0.061	SLV 5	7.6433	0	65.4664	0	8.5652	Si
311	X	1	0.3	0.00077	0.061	0.00077	0.061	SLV 5	7.6273	0	65.4664	0	8.5832	Si
167	X	1	0.3	0.00077	0.061	0.00077	0.061	SLV 7	7.5709	0	65.4664	0	8.6471	Si
312	X	1	0.3	0.00077	0.061	0.00077	0.061	SLV 5	7.4767	0	65.4664	0	8.7561	Si
309	X	1	0.3	0.00077	0.061	0.00077	0.061	SLV 5	7.472	0	65.4664	0	8.7615	Si
164	X	1	0.3	0.00077	0.061	0.00077	0.061	SLV 7	7.4427	0	65.4664	0	8.796	Si
231	X	1	0.3	0.00077	0.061	0.00077	0.061	SLV 7	7.4174	0	65.4664	0	8.826	Si
168	X	1	0.3	0.00077	0.061	0.00077	0.061	SLV 7	7.2064	0	65.4664	0	9.0845	Si
313	X	1	0.3	0.00077	0.061	0.00077	0.061	SLV 5	7.1414	0	65.4664	0	9.1671	Si
232	X	1	0.3	0.00077	0.061	0.00077	0.061	SLV 7	7.1315	0	65.4664	0	9.1799	Si
272	Y	1	0.3	0.00077	0.047	0.00077	0.047	SLV 13	-7.4628	0	-69.1712	0	9.2688	Si
308	X	1	0.3	0.00077	0.061	0.00077	0.061	SLV 5	7.0332	0	65.4664	0	9.3082	Si
233	X	1	0.3	0.00077	0.061	0.00077	0.061	SLV 7	7.0058	0	65.4664	0	9.3446	Si

Verifiche SLD Resistenza flessione nei nodi

La struttura è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Nodo	Dir.	B	H	A. sup.	C. sup.	A. inf.	C. inf.	Comb.	M	N	Mu	Nu	c.s.	Verifica
172	X	0.502	0.3	0.000386	0.061	0.000386	0.061	SLD 11	3.123	0	30.9005	0	9.8944	Si
317	X	0.502	0.3	0.000386	0.061	0.000386	0.061	SLD 9	3.0083	0	30.9005	0	10.2717	Si
195	Y	1	0.3	0.00077	0.047	0.00077	0.047	SLD 15	-5.7268	0	-69.1712	0	12.0785	Si
272	Y	1	0.3	0.00077	0.047	0.00077	0.047	SLD 13	-5.7216	0	-69.1712	0	12.0894	Si
171	X	0.984	0.3	0.000757	0.061	0.000757	0.061	SLD 11	5.2025	0	64.0885	0	12.3189	Si
316	X	0.984	0.3	0.000757	0.061	0.000757	0.061	SLD 9	5.2008	0	64.0885	0	12.3228	Si
174	Y	1	0.3	0.00077	0.047	0.00077	0.047	SLD 15	-5.5459	0	-69.1712	0	12.4726	Si
240	Y	1	0.3	0.00077	0.047	0.00077	0.047	SLD 15	-5.426	0	-69.1712	0	12.7481	Si
291	Y	1	0.3	0.00077	0.047	0.00077	0.047	SLD 13	-5.3057	0	-69.1712	0	13.0373	Si
230	X	1	0.3	0.00077	0.061	0.00077	0.061	SLD 5	4.9535	0	65.4664	0	13.2162	Si
165	X	1	0.3	0.00077	0.061	0.00077	0.061	SLD 7	4.6639	0	65.4664	0	14.0368	Si
166	X	1	0.3	0.00077	0.061	0.00077	0.061	SLD 7	4.654	0	65.4664	0	14.0666	Si
231	X	1	0.3	0.00077	0.061	0.00077	0.061	SLD 7	4.6352	0	65.4664	0	14.1239	Si
310	X	1	0.3	0.00077	0.061	0.00077	0.061	SLD 5	4.588	0	65.4664	0	14.2689	Si
311	X	1	0.3	0.00077	0.061	0.00077	0.061	SLD 5	4.5635	0	65.4664	0	14.3458	Si
309	X	1	0.3	0.00077	0.061	0.00077	0.061	SLD 5	4.5173	0	65.4664	0	14.4925	Si
164	X	1	0.3	0.00077	0.061	0.00077	0.061	SLD 7	4.514	0	65.4664	0	14.5031	Si
167	X	1	0.3	0.00077	0.061	0.00077	0.061	SLD 7	4.5128	0	65.4664	0	14.5069	Si
312	X	1	0.3	0.00077	0.061	0.00077	0.061	SLD 5	4.4438	0	65.4664	0	14.7321	Si
232	X	1	0.3	0.00077	0.061	0.00077	0.061	SLD 7	4.405	0	65.4664	0	14.8619	Si

Verifiche SLU taglio nei nodi

Nodo	Dir.	B	H	A. sup.	C. sup.	A. inf.	C. inf.	A. st.	A. sag.	Comb.	Ved	N	Vrd	Vrdc	Vrsd	Vrvc	cotgθ	Asl	c.s.	Verifica
227	X	0.5	0.3	0.000385	0.061	0.000385	0.061	0	0	SLV 5	15.24	0	59.73	59.73	0	305.25	2.5	0.0003848	3.9194	Si
172	X	0.502	0.3	0.000386	0.061	0.000386	0.061	0	0	SLV 11	-15.06	0	59.94	59.94	0	306.31	2.5	0.0003862	3.9787	Si
317	X	0.502	0.3	0.000386	0.061	0.000386	0.061	0	0	SLV 9	14.74	0	59.94	59.94	0	306.31	2.5	0.0003862	4.0662	Si
174	X	0.502	0.3	0.000386	0.061	0.000386	0.061	0	0	SLV 11	-13.78	0	59.94	59.94	0	306.31	2.5	0.0003862	4.3503	Si
227	X	0.5	0.3	0.000385	0.061	0.000385	0.061	0	0	SLV 7	-12	0	59.73	59.73	0	305.25	2.5	0.0003848	4.9762	Si
316	X	0.984	0.3	0.000757	0.061	0.000757	0.061	0	0	SLV 9	21.22	0	117.53	117.53	0	600.66	2.5	0.0007573	5.5378	Si
171	X	0.984	0.3	0.000757	0.061	0.000757	0.061	0	0	SLV 11	-21.22	0	117.53	117.53	0	600.66	2.5	0.0007573	5.5385	Si
294	X	0.949	0.3	0.000731	0.061	0.000731	0.061	0	0	SLV 9	19.51	0	113.42	113.42	0	579.66	2.5	0.0007308	5.8133	Si

Nodo	Dir.	B	H	A. sup.	C. sup.	A. inf.	C. inf.	A. st.	A. sag.	Comb.	Ved	N	Vrd	Vrdc	Vrsd	Vrcd	cotgθ	Asl	c.s.	Verifica
240	Y	1	0.3	0.00077	0.047	0.00077	0.047	0	0	SLU 7	-21.3	0	123.92	123.92	0	646.26	2.5	0.0007697	5.8166	Si
175	X	0.947	0.3	0.000729	0.061	0.000729	0.061	0	0	SLV 11	-19.15	0	113.08	113.08	0	577.9	2.5	0.0007286	5.9052	Si
239	Y	1	0.3	0.00077	0.047	0.00077	0.047	0	0	SLU 7	-20.63	0	123.92	123.92	0	646.26	2.5	0.0007697	6.0055	Si
195	Y	1	0.3	0.00077	0.047	0.00077	0.047	0	0	SLU 7	-19.98	0	123.92	123.92	0	646.26	2.5	0.0007697	6.2027	Si
272	Y	1	0.3	0.00077	0.047	0.00077	0.047	0	0	SLU 7	-19.82	0	123.92	123.92	0	646.26	2.5	0.0007697	6.2528	Si
230	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLV 7	-18.68	0	119.46	119.46	0	610.5	2.5	0.0007697	6.3965	Si
230	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLV 5	18.63	0	119.46	119.46	0	610.5	2.5	0.0007697	6.4134	Si
265	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLV 7	-17.31	0	119.46	119.46	0	610.5	2.5	0.0007697	6.9012	Si
228	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLV 7	-16.89	0	119.46	119.46	0	610.5	2.5	0.0007697	7.0714	Si
174	Y	1	0.3	0.00077	0.047	0.00077	0.047	0	0	SLV 15	-16.48	0	123.92	123.92	0	646.26	2.5	0.0007697	7.5215	Si
291	Y	1	0.3	0.00077	0.047	0.00077	0.047	0	0	SLV 13	-16.42	0	123.92	123.92	0	646.26	2.5	0.0007697	7.547	Si
228	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLV 5	15.69	0	119.46	119.46	0	610.5	2.5	0.0007697	7.6144	Si

Verifiche SLD Resistenza taglio nei nodi

Nodo	Dir.	B	H	A. sup.	C. sup.	A. inf.	C. inf.	A. st.	A. sag.	Comb.	Ved	N	Vrd	Vrdc	Vrsd	Vrcd	cotgθ	Asl	c.s.	Verifica
227	X	0.5	0.3	0.000385	0.061	0.000385	0.061	0	0	SLD 5	11.57	0	86.79	86.79	0	305.25	2.5	0.0003848	7.4994	Si
172	X	0.502	0.3	0.000386	0.061	0.000386	0.061	0	0	SLD 11	-10.41	0	87.09	87.09	0	306.31	2.5	0.0003862	8.3667	Si
317	X	0.502	0.3	0.000386	0.061	0.000386	0.061	0	0	SLD 9	10.19	0	87.09	87.09	0	306.31	2.5	0.0003862	8.5498	Si
174	X	0.502	0.3	0.000386	0.061	0.000386	0.061	0	0	SLD 11	-9.59	0	87.09	87.09	0	306.31	2.5	0.0003862	9.0768	Si
227	X	0.5	0.3	0.000385	0.061	0.000385	0.061	0	0	SLD 7	-9.21	0	86.79	86.79	0	305.25	2.5	0.0003848	9.4219	Si
171	X	0.984	0.3	0.000757	0.061	0.000757	0.061	0	0	SLD 11	-15.04	0	170.77	170.77	0	600.66	2.5	0.0007573	11.3574	Si
316	X	0.984	0.3	0.000757	0.061	0.000757	0.061	0	0	SLD 9	15.01	0	170.77	170.77	0	600.66	2.5	0.0007573	11.3793	Si
294	X	0.949	0.3	0.000731	0.061	0.000731	0.061	0	0	SLD 9	13.81	0	164.8	164.8	0	579.66	2.5	0.0007308	11.9317	Si
175	X	0.947	0.3	0.000729	0.061	0.000729	0.061	0	0	SLD 11	-13.58	0	164.3	164.3	0	577.9	2.5	0.0007286	12.097	Si
272	Y	1	0.3	0.00077	0.047	0.00077	0.047	0	0	SLD 13	-14.62	0	177.87	177.87	0	646.26	2.5	0.0007697	12.1647	Si
195	Y	1	0.3	0.00077	0.047	0.00077	0.047	0	0	SLD 15	-14.45	0	177.87	177.87	0	646.26	2.5	0.0007697	12.3123	Si
240	Y	1	0.3	0.00077	0.047	0.00077	0.047	0	0	SLD 13	-14	0	177.87	177.87	0	646.26	2.5	0.0007697	12.7006	Si
228	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLD 7	-13.04	0	173.57	173.57	0	610.5	2.5	0.0007697	13.3131	Si
239	Y	1	0.3	0.00077	0.047	0.00077	0.047	0	0	SLD 13	-13.34	0	177.87	177.87	0	646.26	2.5	0.0007697	13.3327	Si
230	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLD 5	12.5	0	173.57	173.57	0	610.5	2.5	0.0007697	13.8858	Si
230	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLD 7	-12.31	0	173.57	173.57	0	610.5	2.5	0.0007697	14.0963	Si
174	Y	1	0.3	0.00077	0.047	0.00077	0.047	0	0	SLD 15	-12.44	0	177.87	177.87	0	646.26	2.5	0.0007697	14.2939	Si
291	Y	1	0.3	0.00077	0.047	0.00077	0.047	0	0	SLD 13	-12.21	0	177.87	177.87	0	646.26	2.5	0.0007697	14.5711	Si
228	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLD 5	11.83	0	173.57	173.57	0	610.5	2.5	0.0007697	14.6691	Si
265	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLD 7	-11.42	0	173.57	173.57	0	610.5	2.5	0.0007697	15.1956	Si

Verifiche SLE tensione calcestruzzo nei nodi

Nodo	Dir.	B	H	A. sup.	C. sup.	A. inf.	C. inf.	Comb.	M	N	oc	σlim	Es/Ec	Verifica
195	Y	1	0.3	0.00077	0.047	0.00077	0.047	SLE QP 4	-4.14	0	-249	13073	15	Si
272	Y	1	0.3	0.00077	0.047	0.00077	0.047	SLE QP 4	-4.109	0	-247	13073	15	Si
240	Y	1	0.3	0.00077	0.047	0.00077	0.047	SLE QP 4	-3.9873	0	-240	13073	15	Si
174	Y	1	0.3	0.00077	0.047	0.00077	0.047	SLE QP 4	-3.7472	0	-225	13073	15	Si
291	Y	1	0.3	0.00077	0.047	0.00077	0.047	SLE QP 4	-3.5662	0	-214	13073	15	Si
195	Y	1	0.3	0.00077	0.047	0.00077	0.047	SLE RA 7	-4.6732	0	-281	17430	15	Si
272	Y	1	0.3	0.00077	0.047	0.00077	0.047	SLE RA 7	-4.6392	0	-279	17430	15	Si
240	Y	1	0.3	0.00077	0.047	0.00077	0.047	SLE RA 7	-4.5695	0	-275	17430	15	Si
174	Y	1	0.3	0.00077	0.047	0.00077	0.047	SLE RA 7	-4.0898	0	-246	17430	15	Si
317	X	0.502	0.3	0.000386	0.061	0.000386	0.061	SLE QP 4	1.4777	0	-182	13073	15	Si
172	X	0.502	0.3	0.000386	0.061	0.000386	0.061	SLE QP 4	1.4565	0	-179	13073	15	Si
291	Y	1	0.3	0.00077	0.047	0.00077	0.047	SLE RA 7	-3.9068	0	-235	17430	15	Si
316	X	0.984	0.3	0.000757	0.061	0.000757	0.061	SLE QP 4	2.7337	0	-171	13073	15	Si
171	X	0.984	0.3	0.000757	0.061	0.000757	0.061	SLE QP 4	2.6298	0	-165	13073	15	Si
317	X	0.502	0.3	0.000386	0.061	0.000386	0.061	SLE RA 7	1.6655	0	-205	17430	15	Si
172	X	0.502	0.3	0.000386	0.061	0.000386	0.061	SLE RA 7	1.6427	0	-202	17430	15	Si
172	Y	1	0.3	0.00077	0.047	0.00077	0.047	SLE QP 4	-2.5083	0	-151	13073	15	Si
316	X	0.984	0.3	0.000757	0.061	0.000757	0.061	SLE RA 7	3.0684	0	-192	17430	15	Si
186	Y	1	0.3	0.00077	0.047	0.00077	0.047	SLE QP 2	2.3607	0	-142	13073	15	Si
315	X	1	0.3	0.00077	0.061	0.00077	0.061	SLE QP 4	2.2628	0	-140	13073	15	Si

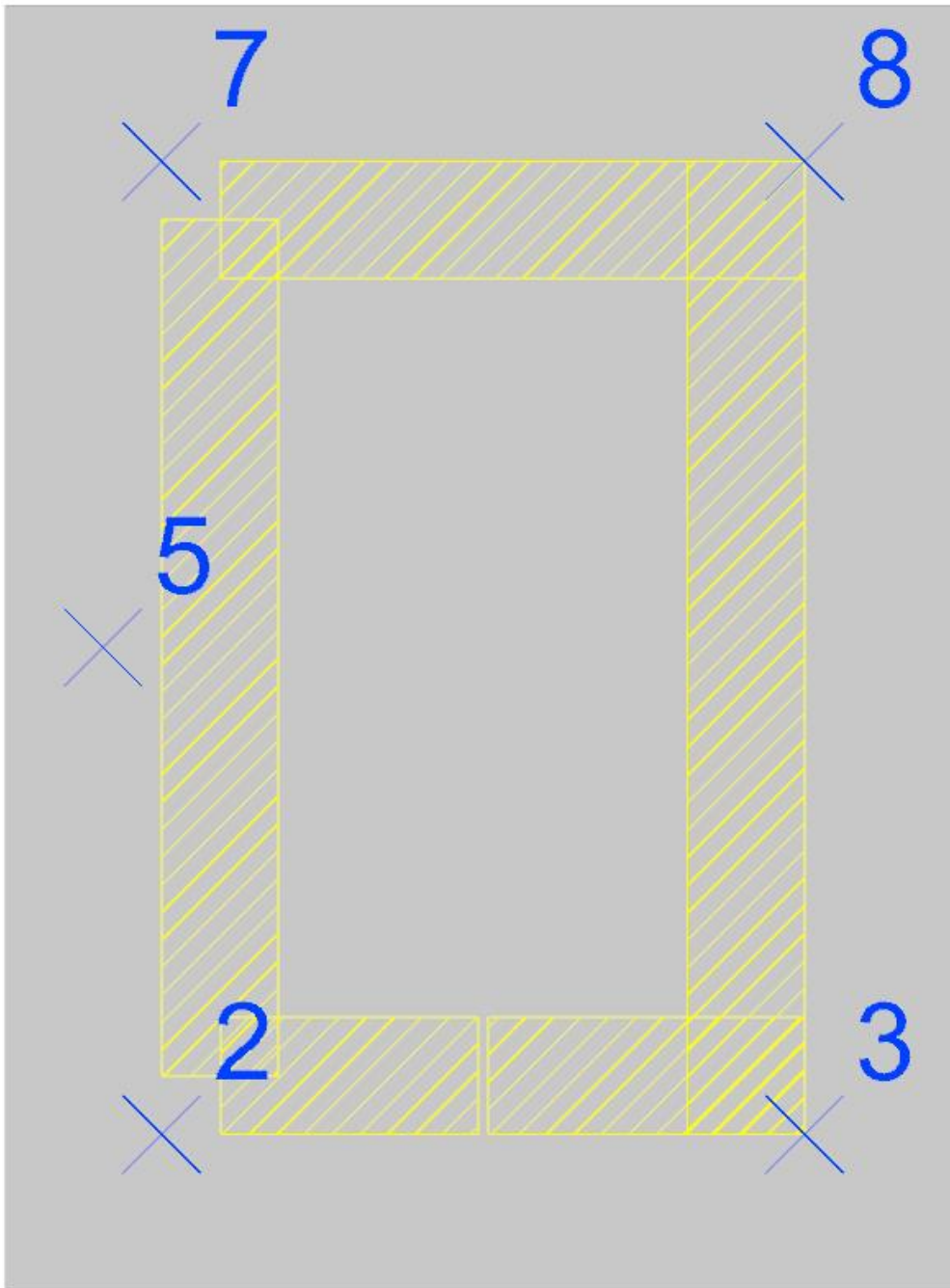
Verifiche SLE tensione acciaio nei nodi

Nodo	Dir.	B	H	A. sup.	C. sup.	A. inf.	C. inf.	Comb.	M	N	of	σlim	Es/Ec	Verifica
195	Y	1	0.3	0.00077	0.047	0.00077	0.047	SLE RA 7	-4.6732	0	2894	360000	15	Si
272	Y	1	0.3	0.00077	0.047	0.00077	0.047	SLE RA 7	-4.6392	0	2873	360000	15	Si
240	Y	1	0.3	0.00077	0.047	0.00077	0.047	SLE RA 7	-4.5695	0	2830	360000	15	Si
174	Y	1	0.3	0.00077	0.047	0.00077	0.047	SLE RA 7	-4.0898	0	2533	360000	15	Si
291	Y	1	0.3	0.00077	0.047	0.00077	0.047	SLE RA 7	-3.9068	0	2419	360000	15	Si
317	X	0.502	0.3	0.000386	0.061	0.000386	0.061	SLE RA 7	1.6655	0	1821	360000	15	Si
172	X	0.502	0.3	0.000386	0.061	0.000386	0.061	SLE RA 7	1.6427	0	1797	360000	15	Si
316	X	0.984	0.3	0.000757	0.061	0.000757	0.061	SLE RA 7	3.0684	0	1711	360000	15	Si
172	Y	1	0.3	0.00077	0.047	0.00077	0.047	SLE RA 7	-2.6706	0	1654	360000	15	Si
171	X	0.984	0.3	0.000757	0.061	0.000757	0.061	SLE RA 7	2.9596	0	1651	360000	15	Si
230	X	1	0.3	0.00077	0.061	0.00077	0.061	SLE RA 7	2.9445	0	1616	360000	15	Si
186	Y	1	0.3	0.00077	0.047	0.00077	0.047	SLE RA 3	2.4935	0	1544	360000	15	Si
317	Y	1	0.3	0.00077	0.047	0.00077	0.047	SLE RA 7	-2.4542	0	1520	360000	15	Si
158	Y	1	0.3	0.00077	0.047	0.00077	0.047	SLE RA 7	2.3333	0	1445	360000	15	Si
315	X	1	0.3	0.00077	0.061	0.00077	0.061	SLE RA 7	2.5254	0	1386	360000	15	Si
229	X	1	0.3	0.00077	0.061	0.00077	0.061	SLE RA 7	2.494	0	1369	360000	15	Si
231	X	1	0.3	0.00077	0.061	0.00077	0.061	SLE RA 7	2.3973	0	1315	360000	15	Si
170	X	1	0.3	0.00077	0.061	0.00077	0.061	SLE RA 7	2.3581	0	1294	360000	15	Si
159	X	1	0.3	0.00077	0.061	0.00077								

Platea ribassata

Verifiche condotte secondo D.M. 17-01-18 (N.T.C.)

Geometria



Caratteristiche dei materiali

Acciaio: B450C Fyk 450000

Calcestruzzo: C28/35 Rck 35000

Sistema di riferimento e direzioni di armatura

Le coordinate citate nel seguito sono espresse in un sistema di riferimento cartesiano con origine in (6.35; -0.4; -2.5), direzione dell'asse X = (0.01; 0; 0), direzione dell'asse Y = (0; 0.01; 0).

Le direzioni X/Y di armatura e le sezioni X/Y di verifica sono individuate dagli assi del sistema di riferimento.

Verifiche nei nodi

Verifiche SLU flessione nei nodi

La struttura è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione, per le combinazioni SLV, viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Nodo	Dir.	B	H	A. sup.	C. sup.	A. inf.	C. inf.	Comb.	M	N	Mu	Nu	c.s.	Verifica
17	X	1	0.3	0.00077	0.061	0.00077	0.061	SLV 9	8.4758	0	65.4664	0	7.7239	Si
18	X	1	0.3	0.00077	0.061	0.00077	0.061	SLV 9	8.4582	0	65.4664	0	7.74	Si
16	X	1	0.3	0.00077	0.061	0.00077	0.061	SLV 9	8.3144	0	65.4664	0	7.8738	Si
15	X	1	0.3	0.00077	0.061	0.00077	0.061	SLV 9	8.1949	0	65.4664	0	7.9887	Si
64	X	1	0.3	0.00077	0.061	0.00077	0.061	SLV 11	8.1859	0	65.4664	0	7.9975	Si
14	X	1	0.3	0.00077	0.061	0.00077	0.061	SLV 9	8.116	0	65.4664	0	8.0664	Si

Nodo	Dir.	B	H	A. sup.	C. sup.	A. inf.	C. inf.	Comb.	M	N	Mu	Nu	c.s.	Verifica
13	X	1	0.3	0.00077	0.061	0.00077	0.061	SLV 9	8.0788	0	65.4664	0	8.1035	Si
63	X	1	0.3	0.00077	0.061	0.00077	0.061	SLV 11	7.8635	0	65.4664	0	8.3253	Si
62	X	1	0.3	0.00077	0.061	0.00077	0.061	SLV 11	7.8176	0	65.4664	0	8.3742	Si
65	X	1	0.3	0.00077	0.061	0.00077	0.061	SLV 11	7.6455	0	65.4664	0	8.5627	Si
12	X	1	0.3	0.00077	0.061	0.00077	0.061	SLV 9	7.5043	0	65.4664	0	8.7238	Si
61	X	1	0.3	0.00077	0.061	0.00077	0.061	SLV 11	7.033	0	65.4664	0	9.3084	Si
19	X	0.5	0.3	0.000385	0.061	0.000385	0.061	SLV 9	3.2383	0	30.7371	0	9.4917	Si
18	Y	1	0.3	0.00077	0.047	0.00077	0.047	SLV 9	6.8533	0	69.1712	0	10.0932	Si
66	X	0.5	0.3	0.000385	0.061	0.000385	0.061	SLV 11	2.993	0	30.7371	0	10.2695	Si
7	Y	0.5	0.3	0.000385	0.047	0.000385	0.047	SLV 9	3.1697	0	32.6399	0	10.2975	Si
65	Y	1	0.3	0.00077	0.047	0.00077	0.047	SLV 11	6.6714	0	69.1712	0	10.3683	Si
27	Y	1	0.3	0.00077	0.047	0.00077	0.047	SLV 9	6.5905	0	69.1712	0	10.4956	Si
11	X	0.5	0.3	0.000385	0.061	0.000385	0.061	SLV 9	2.9091	0	30.7371	0	10.5659	Si
57	Y	1	0.3	0.00077	0.047	0.00077	0.047	SLV 11	6.4071	0	69.1712	0	10.7959	Si

Verifiche SLD Resistenza flessione nei nodi

La struttura è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Nodo	Dir.	B	H	A. sup.	C. sup.	A. inf.	C. inf.	Comb.	M	N	Mu	Nu	c.s.	Verifica
17	X	1	0.3	0.00077	0.061	0.00077	0.061	SLD 9	6.5874	0	65.4664	0	9.9381	Si
18	X	1	0.3	0.00077	0.061	0.00077	0.061	SLD 9	6.5618	0	65.4664	0	9.9769	Si
16	X	1	0.3	0.00077	0.061	0.00077	0.061	SLD 9	6.475	0	65.4664	0	10.1107	Si
15	X	1	0.3	0.00077	0.061	0.00077	0.061	SLD 9	6.3974	0	65.4664	0	10.2333	Si
14	X	1	0.3	0.00077	0.061	0.00077	0.061	SLD 9	6.3537	0	65.4664	0	10.3036	Si
13	X	1	0.3	0.00077	0.061	0.00077	0.061	SLD 9	6.3449	0	65.4664	0	10.318	Si
64	X	1	0.3	0.00077	0.061	0.00077	0.061	SLD 11	6.3413	0	65.4664	0	10.3238	Si
62	X	1	0.3	0.00077	0.061	0.00077	0.061	SLD 11	6.1717	0	65.4664	0	10.6075	Si
63	X	1	0.3	0.00077	0.061	0.00077	0.061	SLD 11	6.1292	0	65.4664	0	10.6811	Si
12	X	1	0.3	0.00077	0.061	0.00077	0.061	SLD 9	5.982	0	65.4664	0	10.9439	Si
65	X	1	0.3	0.00077	0.061	0.00077	0.061	SLD 11	5.9454	0	65.4664	0	11.0113	Si
61	X	1	0.3	0.00077	0.061	0.00077	0.061	SLD 11	5.6288	0	65.4664	0	11.6306	Si
19	X	0.5	0.3	0.000385	0.061	0.000385	0.061	SLD 9	2.5177	0	30.7371	0	12.2083	Si
18	Y	1	0.3	0.00077	0.047	0.00077	0.047	SLD 9	5.5715	0	69.1712	0	12.4152	Si
56	Y	1	0.3	0.00077	0.047	0.00077	0.047	SLD 11	5.5024	0	69.1712	0	12.571	Si
27	Y	1	0.3	0.00077	0.047	0.00077	0.047	SLD 9	5.4697	0	69.1712	0	12.6462	Si
65	Y	1	0.3	0.00077	0.047	0.00077	0.047	SLD 11	5.4641	0	69.1712	0	12.6593	Si
26	Y	1	0.3	0.00077	0.047	0.00077	0.047	SLD 9	5.4591	0	69.1712	0	12.6709	Si
7	Y	0.5	0.3	0.000385	0.047	0.000385	0.047	SLD 9	2.5368	0	32.6399	0	12.8665	Si
57	Y	1	0.3	0.00077	0.047	0.00077	0.047	SLD 11	5.3617	0	69.1712	0	12.901	Si

Verifiche SLU taglio nei nodi

Nodo	Dir.	B	H	A. sup.	C. sup.	A. inf.	C. inf.	A. st.	A. sag.	Comb.	Ved	N	Vrd	Vrdc	Vrsd	Vrcd	cotgθ	Asl	c.s.	Verifica
18	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLV 9	17.57	0	119.46	119.46	0	610.5	2.5	0.0007697	6.8002	Si
17	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLV 9	16.27	0	119.46	119.46	0	610.5	2.5	0.0007697	7.3443	Si
16	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLV 9	15.78	0	119.46	119.46	0	610.5	2.5	0.0007697	7.5702	Si
15	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLV 9	15.34	0	119.46	119.46	0	610.5	2.5	0.0007697	7.7886	Si
14	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLV 9	14.94	0	119.46	119.46	0	610.5	2.5	0.0007697	7.9977	Si
43	Y	1	0.3	0.00077	0.047	0.00077	0.047	0	0	SLV 7	15.42	0	123.92	123.92	0	646.26	2.5	0.0007697	8.0368	Si
13	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLV 9	14.58	0	119.46	119.46	0	610.5	2.5	0.0007697	8.1941	Si
41	Y	1	0.3	0.00077	0.047	0.00077	0.047	0	0	SLV 3	-15.02	0	123.92	123.92	0	646.26	2.5	0.0007697	8.2513	Si
9	Y	0.775	0.3	0.000597	0.047	0.000597	0.047	0	0	SLV 5	11.62	0	96.04	96.04	0	500.85	2.5	0.0005965	8.2632	Si
34	Y	1	0.3	0.00077	0.047	0.00077	0.047	0	0	SLV 3	-14.62	0	123.92	123.92	0	646.26	2.5	0.0007697	8.4763	Si
35	Y	1	0.3	0.00077	0.047	0.00077	0.047	0	0	SLV 7	14.5	0	123.92	123.92	0	646.26	2.5	0.0007697	8.5449	Si
13	Y	1	0.3	0.00077	0.047	0.00077	0.047	0	0	SLV 15	-14.44	0	123.92	123.92	0	646.26	2.5	0.0007697	8.5829	Si
12	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLV 9	13.74	0	119.46	119.46	0	610.5	2.5	0.0007697	8.6922	Si
17	Y	1	0.3	0.00077	0.047	0.00077	0.047	0	0	SLV 5	14.15	0	123.92	123.92	0	646.26	2.5	0.0007697	8.7568	Si
65	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLV 11	-13.64	0	119.46	119.46	0	610.5	2.5	0.0007697	8.7581	Si
72	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLV 11	-13.64	0	119.46	119.46	0	610.5	2.5	0.0007697	8.7581	Si
31	Y	1	0.3	0.00077	0.047	0.00077	0.047	0	0	SLV 3	-14.12	0	123.92	123.92	0	646.26	2.5	0.0007697	8.7789	Si
64	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLV 11	-13.56	0	119.46	119.46	0	610.5	2.5	0.0007697	8.8112	Si
71	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLV 11	-13.56	0	119.46	119.46	0	610.5	2.5	0.0007697	8.8112	Si
16	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLV 9	-13.48	0	119.46	119.46	0	610.5	2.5	0.0007697	8.8647	Si

Verifiche SLD Resistenza taglio nei nodi

Nodo	Dir.	B	H	A. sup.	C. sup.	A. inf.	C. inf.	A. st.	A. sag.	Comb.	Ved	N	Vrd	Vrdc	Vrsd	Vrcd	cotgθ	Asl	c.s.	Verifica
18	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLD 9	13.69	0	173.57	173.57	0	610.5	2.5	0.0007697	12.6762	Si
17	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLD 9	12.6	0	173.57	173.57	0	610.5	2.5	0.0007697	13.774	Si
16	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLD 9	12.28	0	173.57	173.57	0	610.5	2.5	0.0007697	14.1303	Si
15	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLD 9	11.99	0	173.57	173.57	0	610.5	2.5	0.0007697	14.474	Si
41	Y	1	0.3	0.00077	0.047	0.00077	0.047	0	0	SLD 15	-12.02	0	177.87	177.87	0	646.26	2.5	0.0007697	14.8005	Si
14	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLD 9	11.72	0	173.57	173.57	0	610.5	2.5	0.0007697	14.8038	Si
13	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLD 9	11.48	0	173.57	173.57	0	610.5	2.5	0.0007697	15.1147	Si
34	Y	1	0.3	0.00077	0.047	0.00077	0.047	0	0	SLD 13	-11.56	0	177.87	177.87	0	646.26	2.5	0.0007697	15.3836	Si
12	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLD 9	11.22	0	173.57	173.57	0	610.5	2.5	0.0007697	15.4683	Si
16	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLD 9	-11.08	0	173.57	173.57	0	610.5	2.5	0.0007697	15.6696	Si
15	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLD 9	-11.07	0	173.57	173.57	0	610.5	2.5	0.0007697	15.6781	Si
31	Y	1	0.3	0.00077	0.047	0.00077	0.047	0	0	SLD 13	-11.17	0	177.87	177.87	0	646.26	2.5	0.0007697	15.9257	Si
43	Y	1	0.3	0.00077	0.047	0.00077	0.047	0	0	SLD 5	11.16	0	177.87	177.87	0	646.26	2.5	0.0007697	15.931	Si
35	Y	1	0.3	0.00077	0.047	0.00077	0.047	0	0	SLD 5	11.13	0	177.87	177.87	0	646.26	2.5	0.0007697	15.9821	Si
17	X	1	0.3	0.00077	0.061	0.00077	0.061	0	0	SLD 9	-10.85	0	173.57	173.57	0	610.5	2.5	0.0007697		

Nodo	Dir.	B	H	A. sup.	C. sup.	A. inf.	C. inf.	Comb.	M	N	oc	otim	Es/Ec	Verifica
12	Y	1	0.3	0.00077	0.047	0.00077	0.047	SLE QP 4	4.3608	0	-262	13073	15	Si
65	X	1	0.3	0.00077	0.061	0.00077	0.061	SLE QP 4	4.249	0	-262	13073	15	Si
57	Y	1	0.3	0.00077	0.047	0.00077	0.047	SLE QP 2	4.3513	0	-262	13073	15	Si
27	Y	1	0.3	0.00077	0.047	0.00077	0.047	SLE QP 4	4.331	0	-260	13073	15	Si
61	Y	1	0.3	0.00077	0.047	0.00077	0.047	SLE QP 4	4.3156	0	-259	13073	15	Si
61	X	1	0.3	0.00077	0.061	0.00077	0.061	SLE QP 2	4.2072	0	-259	13073	15	Si
43	Y	1	0.3	0.00077	0.047	0.00077	0.047	SLE QP 4	4.2856	0	-258	13073	15	Si
18	Y	1	0.3	0.00077	0.047	0.00077	0.047	SLE QP 4	4.2711	0	-257	13073	15	Si

Verifiche SLE tensione acciaio nei nodi

Nodo	Dir.	B	H	A. sup.	C. sup.	A. inf.	C. inf.	Comb.	M	N	of	otim	Es/Ec	Verifica
56	Y	1	0.3	0.00077	0.047	0.00077	0.047	SLE RA 3	4.8032	0	2974	360000	15	Si
26	Y	1	0.3	0.00077	0.047	0.00077	0.047	SLE RA 3	4.7357	0	2933	360000	15	Si
43	Y	1	0.3	0.00077	0.047	0.00077	0.047	SLE RA 7	4.515	0	2796	360000	15	Si
12	Y	1	0.3	0.00077	0.047	0.00077	0.047	SLE RA 7	4.4913	0	2781	360000	15	Si
57	Y	1	0.3	0.00077	0.047	0.00077	0.047	SLE RA 3	4.4675	0	2766	360000	15	Si
27	Y	1	0.3	0.00077	0.047	0.00077	0.047	SLE RA 7	4.4471	0	2754	360000	15	Si
61	Y	1	0.3	0.00077	0.047	0.00077	0.047	SLE RA 7	4.4458	0	2753	360000	15	Si
18	Y	1	0.3	0.00077	0.047	0.00077	0.047	SLE RA 7	4.3988	0	2724	360000	15	Si
65	Y	1	0.3	0.00077	0.047	0.00077	0.047	SLE RA 7	4.3694	0	2706	360000	15	Si
35	Y	1	0.3	0.00077	0.047	0.00077	0.047	SLE RA 7	4.3304	0	2682	360000	15	Si
17	X	1	0.3	0.00077	0.061	0.00077	0.061	SLE RA 3	4.8524	0	2663	360000	15	Si
50	Y	1	0.3	0.00077	0.047	0.00077	0.047	SLE RA 3	4.289	0	2656	360000	15	Si
16	X	1	0.3	0.00077	0.061	0.00077	0.061	SLE RA 3	4.7979	0	2633	360000	15	Si
13	X	1	0.3	0.00077	0.061	0.00077	0.061	SLE RA 3	4.7876	0	2627	360000	15	Si
18	X	1	0.3	0.00077	0.061	0.00077	0.061	SLE RA 7	4.7802	0	2623	360000	15	Si
15	X	1	0.3	0.00077	0.061	0.00077	0.061	SLE RA 3	4.7691	0	2617	360000	15	Si
14	X	1	0.3	0.00077	0.061	0.00077	0.061	SLE RA 3	4.7655	0	2615	360000	15	Si
51	Y	1	0.3	0.00077	0.047	0.00077	0.047	SLE RA 7	4.1713	0	2583	360000	15	Si
34	Y	1	0.3	0.00077	0.047	0.00077	0.047	SLE RA 3	4.1673	0	2581	360000	15	Si
62	X	1	0.3	0.00077	0.061	0.00077	0.061	SLE RA 3	4.6737	0	2565	360000	15	Si

Verifiche SLE fessurazione nei nodi

La piastra non presenta nodi con apertura delle fessure.

2.2 Verifiche pareti C.A.

Le unità di misura elencate nel capitolo sono in [m, kN] ove non espressamente specificato.

Descrizione breve: nome sintetico assegnato al livello.

Descrizione: nome assegnato al livello.

Quota: quota superiore espressa nel sistema di riferimento assoluto. [m]

Spessore: spessore del livello. [m]

Descrizione: descrizione della sezione di verifica.

Dir.: direzione della sezione di verifica.

Base: base della sezione. [m]

Altezza: altezza della sezione. [m]

As,sup: area di acciaio efficace superiore. [m²]

As,inf: area di acciaio efficace inferiore. [m²]

c,sup: copriferro medio superiore. [m]

c,inf: copriferro medio inferiore. [m]

Comb.: combinazione di verifica.

MEd: momento agente. [kN*m]

NEd: sforzo normale agente, positivo se di trazione. [kN]

MRd: momento resistente. [kN*m]

NRd: sforzo normale resistente, positivo se di trazione. [kN]

c.s.: coefficiente di sicurezza.

Verifica: stato di verifica.

d: altezza utile. [m]

bw: minima larghezza anima. [m]

Armatura a taglio: necessità di armatura a taglio.

Asw/s: rapporto tra l'area dell'armatura trasversale e l'interasse tra due armature consecutive.

VEd: taglio agente. [kN]

Vrd,c: resistenza di calcolo a taglio per elementi privi di armature trasversali. [kN]

Vrzd: valore resistente di calcolo a taglio compressione del calcestruzzo d'anima. [kN]

Vrsd: valore resistente di calcolo a taglio trazione dell'armatura trasversale. [kN]

VRd: resistenza a taglio. [kN]

cotg(θ): cotangente dell'angolo dei puntoni rispetto all'asse.

Asl: area armatura longitudinale. [m²]

Sezione fessurata: sezione fessurata.

σc: tensione del calcestruzzo. [kN/m²]

σc limite: tensione limite del calcestruzzo. [kN/m²]

Es/Ec: coefficiente di omogenizzazione.

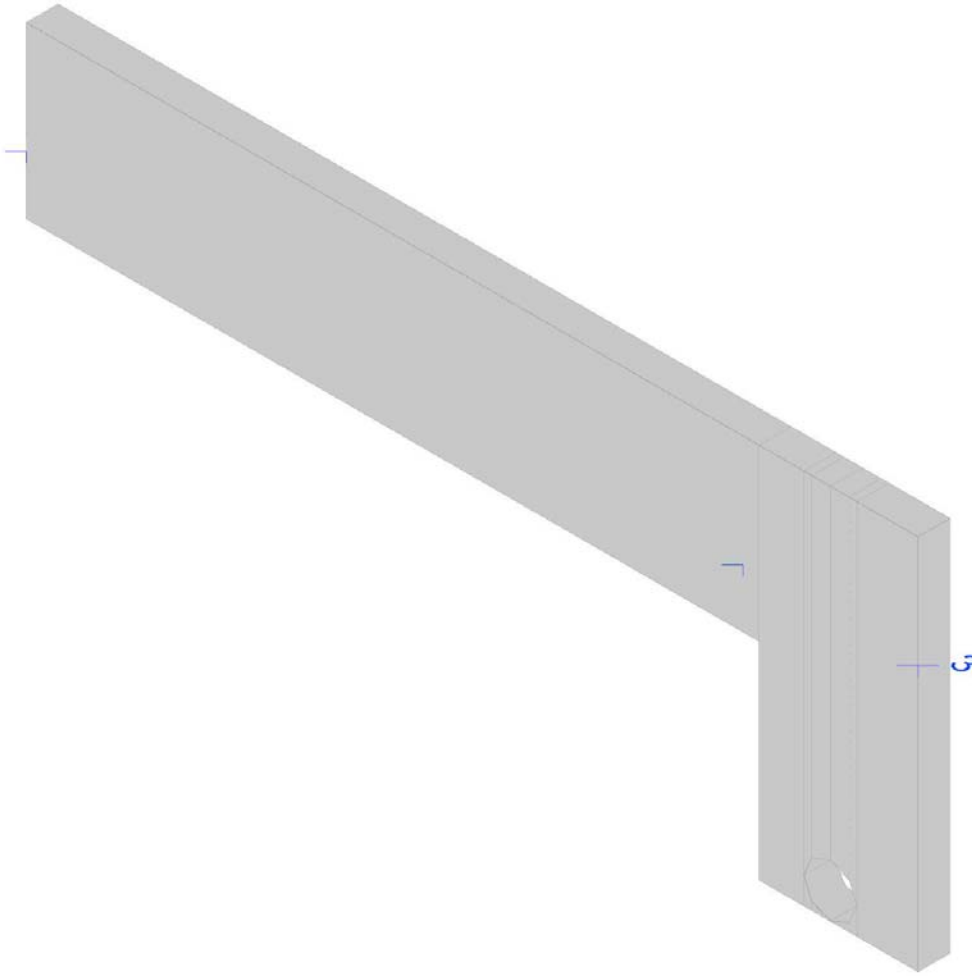
σf: tensione dell'armatura. [kN/m²]

σf limite: tensione limite dell'armatura. [kN/m²]

Parete FILI 1-3

Verifiche condotte secondo D.M. 17-01-18 (N.T.C.)

Geometria



Caratteristiche dei materiali

Acciaio: B450C Fyk 450000

Calcestruzzo: C28/35 Rck 35000

Livelli significativi

Descrizione breve	Descrizione	Quota	Spessore
L1	Livello platea ribassata	-2.5	0
L2	Platea di fondazione	-0.55	0
L3	Piano campagna	0	0
L4	Livello coronamento	1.05	0

Verifiche nei nodi

Sezioni rettangolari

Descrizione	Dir.	Base	Altezza	As,sup	As,inf	c,sup	c,inf
476 Prosp.A	Verticale	0.5	0.3	0.00031	0.00031	0.047	0.047
168 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
169 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
167 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
170 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
166 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
165 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
164 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
426 Prosp.A	Verticale	1	0.3	0.000517	0.000517	0.047	0.047
163 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
341 Prosp.A	Verticale	1	0.3	0.000517	0.000517	0.047	0.047
162 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
401 Prosp.A	Verticale	1	0.3	0.000517	0.000517	0.047	0.047
463 Prosp.A	Verticale	1	0.3	0.000517	0.000517	0.047	0.047
134 Prosp.A	Verticale	1	0.3	0.000517	0.000517	0.047	0.047
491 Prosp.A	Verticale	0.5	0.3	0.000462	0.000462	0.047	0.047
490 Prosp.A	Verticale	0.5	0.3	0.000462	0.000462	0.047	0.047
161 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
492 Prosp.A	Verticale	0.5	0.3	0.000462	0.000462	0.047	0.047
488 Prosp.A	Verticale	0.5	0.3	0.000462	0.000462	0.047	0.047
172 Prosp.A	Verticale	0.5	0.3	0.000308	0.000308	0.047	0.047
494 Prosp.A	Verticale	0.5	0.3	0.00031	0.00031	0.047	0.047
466 Prosp.A	Verticale	0.9948	0.3	0.00077	0.00077	0.047	0.047
160 Prosp.A	Orizzontale	1	0.3	0.000719	0.000719	0.061	0.061
439 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
115 Prosp.A	Verticale	1	0.3	0.00062	0.00062	0.047	0.047
487 Prosp.A	Verticale	0.5	0.3	0.000462	0.000462	0.047	0.047

Descrizione	Dir.	Base	Altezza	As,sup	As,inf	c,sup	c,inf
470 Prosp.A	Verticale	0.9698	0.3	0.00077	0.00077	0.047	0.047
440 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
493 Prosp.A	Verticale	0.5	0.3	0.000462	0.000462	0.047	0.047
477 Prosp.A	Verticale	0.5	0.3	0.000462	0.000462	0.047	0.047
489 Prosp.A	Verticale	0.5	0.3	0.000462	0.000462	0.047	0.047
427 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
372 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
371 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
373 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
378 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
364 Prosp.A	Verticale	1	0.3	0.000517	0.000517	0.047	0.047
374 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
370 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
163 Prosp.A	Verticale	0.5	0.3	0.000308	0.000308	0.047	0.047
486 Prosp.A	Verticale	0.5	0.3	0.000462	0.000462	0.047	0.047
164 Prosp.A	Verticale	0.5	0.3	0.000308	0.000308	0.047	0.047
165 Prosp.A	Verticale	0.5	0.3	0.000308	0.000308	0.047	0.047
161 Prosp.A	Verticale	0.5	0.3	0.000308	0.000308	0.047	0.047
162 Prosp.A	Verticale	0.5	0.3	0.000308	0.000308	0.047	0.047
438 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
478 Prosp.A	Verticale	0.5	0.3	0.000462	0.000462	0.047	0.047
369 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
160 Prosp.A	Verticale	0.5	0.3	0.000308	0.000308	0.047	0.047
368 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
166 Prosp.A	Verticale	0.5	0.3	0.000308	0.000308	0.047	0.047
375 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
367 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
480 Prosp.A	Verticale	0.5	0.3	0.000462	0.000462	0.047	0.047
159 Prosp.A	Verticale	0.5	0.3	0.000308	0.000308	0.047	0.047
354 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
428 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
96 Prosp.A	Verticale	1	0.3	0.000517	0.000517	0.047	0.047
167 Prosp.A	Verticale	0.5	0.3	0.000308	0.000308	0.047	0.047
428 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
159 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
479 Prosp.A	Verticale	0.5	0.3	0.000462	0.000462	0.047	0.047
429 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
481 Prosp.A	Verticale	0.5	0.3	0.000462	0.000462	0.047	0.047
18 Prosp.A	Verticale	0.5	0.3	0.000207	0.000207	0.047	0.047
437 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
427 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
365 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
76 Prosp.A	Orizzontale	0.4233	0.3	0.000442	0.000442	0.0633	0.0633
77 Prosp.A	Orizzontale	0.5	0.3	0.0004	0.0004	0.0613	0.0613
79 Prosp.A	Orizzontale	0.5	0.3	0.000462	0.000462	0.0613	0.0613
78 Prosp.A	Orizzontale	0.4965	0.3	0.000428	0.000428	0.0633	0.0633
94 Prosp.A	Orizzontale	1	0.3	0.000616	0.000616	0.0614	0.0614
136 Prosp.A	Orizzontale	0.944	0.3	0.000924	0.000924	0.0622	0.0622
78 Prosp.A	Verticale	0.5	0.3	0.000462	0.000462	0.047	0.047
94 Prosp.A	Verticale	0.5	0.3	0.000462	0.000462	0.047	0.047
344 Prosp.A	Orizzontale	1	0.3	0.000924	0.000924	0.0622	0.0622
98 Prosp.A	Verticale	0.837	0.3	0.000616	0.000616	0.047	0.047
79 Prosp.A	Verticale	0.5	0.3	0.000462	0.000462	0.047	0.047
378 Prosp.A	Orizzontale	1	0.3	0.000997	0.000997	0.0621	0.0621
136 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
117 Prosp.A	Verticale	1	0.3	0.000734	0.000734	0.047	0.047
98 Prosp.A	Orizzontale	1	0.3	0.001062	0.001062	0.0621	0.0621
171 Prosp.A	Verticale	0.5	0.3	0.000308	0.000308	0.047	0.047
76 Prosp.A	Verticale	0.75	0.3	0.000308	0.000308	0.047	0.047
99 Prosp.A	Orizzontale	1	0.3	0.000924	0.000924	0.0611	0.0611
344 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
366 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
158 Prosp.A	Orizzontale	0.65	0.3	0.000616	0.000616	0.0625	0.0625
377 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
117 Prosp.A	Orizzontale	0.9622	0.3	0.000924	0.000924	0.0622	0.0622
115 Prosp.A	Orizzontale	0.65	0.3	0.000712	0.000712	0.0625	0.0625
139 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
118 Prosp.A	Orizzontale	1	0.3	0.000924	0.000924	0.0611	0.0611
482 Prosp.A	Verticale	0.5	0.3	0.000462	0.000462	0.047	0.047
377 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
483 Prosp.A	Verticale	0.5	0.3	0.000462	0.000462	0.047	0.047
96 Prosp.A	Orizzontale	0.65	0.3	0.000616	0.000616	0.0628	0.0628
99 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
408 Prosp.A	Orizzontale	1	0.3	0.001074	0.001074	0.062	0.062
440 Prosp.A	Orizzontale	1	0.3	0.000997	0.000997	0.0621	0.0621
408 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
376 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
170 Prosp.A	Verticale	0.5	0.3	0.000308	0.000308	0.047	0.047
139 Prosp.A	Orizzontale	1	0.3	0.000924	0.000924	0.0611	0.0611
364 Prosp.A	Orizzontale	0.65	0.3	0.000616	0.000616	0.0625	0.0625
367 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
430 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
118 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
366 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
365 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
354 Prosp.A	Orizzontale	1	0.3	0.001078	0.001078	0.0612	0.0612
431 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
368 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
376 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047

Verifiche a flessione SLU D.M. 17-01-18 §4.1.2.3.4.2

La struttura è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione, per le combinazioni SLV, viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
476 Prosp.A	Verticale	SLV 5	2.994	4.87	23.567	38.37	7.8713	Si
168 Prosp.A	Orizzontale	SLV 7	-8.6447	-4.14	-69.3146	-33.21	8.0182	Si
169 Prosp.A	Orizzontale	SLV 11	-8.3495	-2.19	-67.5525	-17.74	8.0906	Si
167 Prosp.A	Orizzontale	SLV 7	-8.8228	-6.41	-71.4206	-51.88	8.095	Si
170 Prosp.A	Orizzontale	SLV 11	-8.6475	-5.04	-70.1854	-40.88	8.1162	Si
166 Prosp.A	Orizzontale	SLV 11	-8.8483	-7.69	-72.6976	-63.2	8.216	Si

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
165 Prosp.A	Orizzontale	SLV 11	-8.7621	-7.72	-72.8063	-64.16	8.3092	Si
476 Prosp.A	Verticale	SLV 7	-3.7936	-3.58	-31.7276	-29.95	8.3635	Si
164 Prosp.A	Orizzontale	SLV 11	-8.5005	-7.27	-72.562	-62.02	8.5362	Si
426 Prosp.A	Verticale	SLV 7	-6.1119	-6.19	-53.9544	-54.65	8.8277	Si
163 Prosp.A	Orizzontale	SLV 11	-8.0347	-6.09	-71.6981	-54.35	8.9236	Si
166 Prosp.A	Orizzontale	SLV 9	8.1358	-8.25	74.0357	-75.11	9.1	Si
167 Prosp.A	Orizzontale	SLV 9	8.1847	-8.93	74.7523	-81.58	9.1332	Si
168 Prosp.A	Orizzontale	SLV 9	8.1579	-9.76	75.7614	-90.62	9.2869	Si
165 Prosp.A	Orizzontale	SLV 9	7.991	-8.54	74.5406	-79.68	9.328	Si
426 Prosp.A	Verticale	SLV 5	4.4306	5.2	41.4449	48.64	9.3542	Si
341 Prosp.A	Verticale	SLV 5	-6.5714	-13.2	-62.1914	-124.92	9.4639	Si
169 Prosp.A	Orizzontale	SLV 5	7.9845	-10.01	76.33	-95.72	9.5597	Si
162 Prosp.A	Orizzontale	SLV 11	-7.3485	-4.85	-70.85	-46.78	9.6415	Si
170 Prosp.A	Orizzontale	SLV 5	8.0399	-11.19	77.7117	-108.18	9.6658	Si
164 Prosp.A	Orizzontale	SLV 9	7.7323	-8.84	75.2511	-86.02	9.7321	Si
401 Prosp.A	Verticale	SLV 5	-5.9305	-9.03	-57.9084	-88.16	9.7646	Si
463 Prosp.A	Verticale	SLV 11	3.7031	8.09	37.3425	81.62	10.0841	Si
134 Prosp.A	Verticale	SLV 5	-6.5671	-15.98	-66.4155	-161.64	10.1133	Si
163 Prosp.A	Orizzontale	SLV 5	7.3557	-10.11	77.5322	-106.55	10.5404	Si
491 Prosp.A	Verticale	SLV 15	0.4481	29.15	4.8345	314.48	10.79	Si
490 Prosp.A	Verticale	SLV 15	0.1506	31.95	1.6287	345.61	10.8166	Si
401 Prosp.A	Verticale	SLV 11	4.165	1.05	45.9865	11.63	11.0412	Si
161 Prosp.A	Orizzontale	SLV 11	-6.3618	-4.23	-70.8856	-47.13	11.1424	Si
492 Prosp.A	Verticale	SLV 15	0.8123	23.13	9.4669	269.51	11.6542	Si
488 Prosp.A	Verticale	SLV 15	-0.1001	28.56	-1.2245	349.53	12.2365	Si
172 Prosp.A	Verticale	SLV 7	-3.4377	-10.21	-42.3773	-125.83	12.3273	Si
494 Prosp.A	Verticale	SLV 11	1.4887	6.21	18.6563	77.82	12.5319	Si
162 Prosp.A	Orizzontale	SLV 9	6.4401	-11.37	81.6793	-144.14	12.6829	Si
463 Prosp.A	Verticale	SLV 5	-4.2991	-5.41	-55.8001	-70.25	12.9794	Si
466 Prosp.A	Verticale	SLV 11	3.668	13.45	48.087	176.33	13.1099	Si
172 Prosp.A	Verticale	SLV 5	3.3654	-11.38	45.3904	-153.54	13.4872	Si
160 Prosp.A	Orizzontale	SLV 11	-4.897	-3.02	-66.1957	-40.82	13.5175	Si
439 Prosp.A	Verticale	SLV 15	-0.4269	39.6	-5.8782	545.3	13.7711	Si
490 Prosp.A	Verticale	SLV 13	-0.0186	23.73	-0.2818	358.68	15.117	Si
115 Prosp.A	Verticale	SLV 5	-5.4635	-16.27	-85.4469	-254.53	15.6395	Si
487 Prosp.A	Verticale	SLV 13	0.0199	22.41	0.3175	358.34	15.9878	Si
492 Prosp.A	Verticale	SLV 9	-1.4402	8.74	-23.8669	144.84	16.5718	Si
470 Prosp.A	Verticale	SLV 15	0.61	30.12	10.1945	503.39	16.7112	Si
491 Prosp.A	Verticale	SLV 9	-0.7928	13.35	-13.6117	229.27	17.1682	Si
466 Prosp.A	Verticale	SLV 9	-3.4274	5.03	-59.0061	86.58	17.2162	Si
440 Prosp.A	Verticale	SLV 15	0.1594	33.36	2.7501	575.67	17.2581	Si
161 Prosp.A	Orizzontale	SLV 9	5.2905	-13.83	92.1545	-240.96	17.419	Si
341 Prosp.A	Verticale	SLV 11	3.0972	-3.99	56.0409	-72.27	18.0941	Si
493 Prosp.A	Verticale	SLV 11	1.4809	6.57	26.98	119.75	18.218	Si
477 Prosp.A	Verticale	SLV 5	1.6763	4.64	31.0893	85.97	18.5462	Si
489 Prosp.A	Verticale	SLV 15	-0.0607	18.89	-1.1263	350.48	18.5554	Si
427 Prosp.A	Verticale	SLV 5	3.0615	5.54	57.0156	103.25	18.6236	Si
372 Prosp.A	Orizzontale	SLV 9	4.0962	-5.81	77.9862	-110.61	19.0387	Si
371 Prosp.A	Orizzontale	SLV 9	4.0525	-5.7	77.8536	-109.45	19.2114	Si
373 Prosp.A	Orizzontale	SLV 5	4.1044	-6.28	79.1573	-121.18	19.2859	Si
378 Prosp.A	Verticale	SLV 11	-4.1405	-5.16	-80.7929	-100.71	19.5127	Si
364 Prosp.A	Verticale	SLV 11	-3.0425	-5.25	-59.6205	-102.8	19.5961	Si
374 Prosp.A	Orizzontale	SLV 5	4.0451	-6.39	79.6654	-125.81	19.6941	Si
370 Prosp.A	Orizzontale	SLV 9	3.9385	-5.59	77.9862	-110.65	19.8012	Si
163 Prosp.A	Verticale	SLV 11	-0.9429	3.78	-18.7772	75.23	19.9134	Si
486 Prosp.A	Verticale	SLV 13	0.1979	16.1	3.9685	322.89	20.0566	Si
164 Prosp.A	Verticale	SLV 11	-0.9027	3.95	-18.2142	79.69	20.1774	Si
165 Prosp.A	Verticale	SLV 11	-0.8903	4.04	-17.9757	81.56	20.1912	Si
161 Prosp.A	Verticale	SLV 11	-1.0449	2.7	-21.3016	55.08	20.3871	Si
162 Prosp.A	Verticale	SLV 11	-0.9713	3.24	-19.8996	66.31	20.4865	Si
374 Prosp.A	Orizzontale	SLV 11	-3.3926	-2.05	-70.3622	-42.48	20.7398	Si
440 Prosp.A	Verticale	SLV 15	-0.4357	24.54	-9.1241	513.78	20.9394	Si
438 Prosp.A	Verticale	SLV 15	-0.1762	26.9	-3.7084	566.36	21.0507	Si
371 Prosp.A	Orizzontale	SLV 11	-3.6598	-5.05	-77.5983	-107.09	21.2029	Si
370 Prosp.A	Orizzontale	SLV 11	-3.6523	-4.99	-77.4662	-105.94	21.2101	Si
478 Prosp.A	Verticale	SLV 5	1.2293	5.99	26.0764	127.08	21.213	Si
369 Prosp.A	Orizzontale	SLV 9	3.7466	-5.92	79.6654	-125.81	21.2636	Si
373 Prosp.A	Orizzontale	SLV 11	-3.4989	-3.7	-74.4394	-78.75	21.2749	Si
494 Prosp.A	Verticale	SLV 5	-1.5653	-2.05	-33.3107	-43.59	21.2808	Si
369 Prosp.A	Orizzontale	SLV 11	-3.5784	-4.52	-76.4329	-96.64	21.3592	Si
372 Prosp.A	Orizzontale	SLV 11	-3.6029	-4.77	-77.0424	-102.08	21.3835	Si
160 Prosp.A	Verticale	SLV 11	-1.0636	2.03	-22.7467	43.39	21.3862	Si
368 Prosp.A	Orizzontale	SLV 11	-3.4348	-3.45	-73.9259	-74.17	21.5224	Si
166 Prosp.A	Verticale	SLV 11	-0.8285	3.84	-17.839	82.64	21.5328	Si
375 Prosp.A	Orizzontale	SLV 5	3.6594	-6.34	81.309	-140.78	22.219	Si
367 Prosp.A	Orizzontale	SLV 11	-3.2075	-2.38	-71.5727	-53.2	22.3141	Si
375 Prosp.A	Orizzontale	SLV 11	-3.0684	-1.31	-68.8777	-29.38	22.4476	Si
480 Prosp.A	Verticale	SLV 5	-1.1548	5.49	-26.3217	125.09	22.7939	Si
159 Prosp.A	Verticale	SLV 11	-1.1269	0.83	-25.723	19	22.8265	Si
354 Prosp.A	Verticale	SLV 11	3.8398	-7.35	88.4523	-169.3	23.0355	Si
160 Prosp.A	Orizzontale	SLV 9	4.1831	-14.16	97.9194	-331.43	23.4085	Si
477 Prosp.A	Verticale	SLV 7	-2.1681	-3.78	-51.0762	-89.05	23.5583	Si
354 Prosp.A	Verticale	SLV 5	-4.1785	-11.38	-99.5391	-271.11	23.8216	Si
428 Prosp.A	Orizzontale	SLV 11	-2.7859	-0.58	-67.1233	-13.96	24.0939	Si
96 Prosp.A	Verticale	SLV 5	-3.2076	-10.73	-77.3179	-258.59	24.1044	Si
167 Prosp.A	Verticale	SLV 11	-0.7711	3.15	-18.6586	76.17	24.1971	Si
428 Prosp.A	Verticale	SLV 5	2.121	6	51.7784	146.37	24.4127	Si
368 Prosp.A	Orizzontale	SLV 9	3.4877	-7.23	85.2296	-176.62	24.4372	Si
159 Prosp.A	Orizzontale	SLV 11	-3.0775	-3.53	-75.2697	-86.22	24.4577	Si
479 Prosp.A	Verticale	SLV 5	-0.936	6.07	-23.1803	150.31	24.7645	Si
488 Prosp.A	Verticale	SLV 9	0.2665	11.99	6.6076	297.27	24.7977	Si
427 Prosp.A	Verticale	SLV 7	-3.9219	-10.27	-97.9704	-256.5	24.9802	Si
429 Prosp.A	Orizzontale	SLV 11	-2.7272	-0.98	-68.3212	-24.44	25.0516	Si
481 Prosp.A	Verticale	SLV 9	-1.0463	4.93	-26.4103	124.36	25.2404	Si

Verifiche a flessione SLD Resistenza D.M. 17-01-18 §4.1.2.3.4.2

La struttura è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
476 Prosp.A	Verticale	SLD 7	-2.1495	-1.93	-31.5445	-28.37	14.675	Si

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
426 Prosp.A	Verticale	SLD 7	-3.5476	-4.06	-54.934	-62.92	15.4847	Si
134 Prosp.A	Verticale	SLD 5	-4.6238	-13.7	-72.3941	-214.43	15.6569	Si
341 Prosp.A	Verticale	SLD 5	-4.162	-10.91	-68.4353	-179.36	16.4431	Si
490 Prosp.A	Verticale	SLD 15	0.0898	20.93	1.4885	346.97	16.5812	Si
491 Prosp.A	Verticale	SLD 15	0.2162	19.36	3.6415	326.07	16.8461	Si
168 Prosp.A	Orizzontale	SLD 7	-4.4797	-5.55	-76.1806	-94.35	17.0057	Si
169 Prosp.A	Orizzontale	SLD 11	-4.3049	-4.15	-73.5605	-70.88	17.0876	Si
170 Prosp.A	Orizzontale	SLD 11	-4.5748	-6.57	-78.1759	-112.35	17.0884	Si
167 Prosp.A	Orizzontale	SLD 7	-4.6071	-7.05	-79.1477	-121.09	17.1796	Si
166 Prosp.A	Orizzontale	SLD 11	-4.6428	-7.93	-81.0563	-138.44	17.4583	Si
165 Prosp.A	Orizzontale	SLD 11	-4.6056	-8.06	-81.5135	-142.63	17.6988	Si
401 Prosp.A	Verticale	SLD 5	-3.4263	-6.52	-61.1987	-116.37	17.8616	Si
476 Prosp.A	Verticale	SLD 5	1.2682	2.31	23.1104	42.09	18.2223	Si
164 Prosp.A	Orizzontale	SLD 11	-4.4627	-7.8	-81.494	-142.47	18.2611	Si
490 Prosp.A	Verticale	SLD 13	-0.0425	19.23	-0.7817	353.83	18.3972	Si
491 Prosp.A	Verticale	SLD 13	-0.0455	18.83	-0.8542	353.13	18.7574	Si
492 Prosp.A	Verticale	SLD 15	0.3743	15.26	7.1614	291.89	19.131	Si
163 Prosp.A	Orizzontale	SLD 11	-4.2195	-7.09	-80.7652	-135.79	19.141	Si
488 Prosp.A	Verticale	SLD 15	-0.0469	17.93	-0.9211	352.48	19.6546	Si
463 Prosp.A	Verticale	SLD 11	1.7111	4.71	35.3584	97.38	20.6642	Si
162 Prosp.A	Orizzontale	SLD 11	-3.915	-6.65	-80.9398	-137.39	20.6742	Si
115 Prosp.A	Verticale	SLD 5	-4.2959	-14.66	-91.8473	-313.51	21.38	Si
168 Prosp.A	Orizzontale	SLD 9	3.993	-8.35	85.4603	-178.74	21.4026	Si
167 Prosp.A	Orizzontale	SLD 9	3.9689	-8.29	85.4302	-178.5	21.5247	Si
169 Prosp.A	Orizzontale	SLD 5	3.9362	-8.06	84.9294	-173.85	21.5766	Si
166 Prosp.A	Orizzontale	SLD 9	3.9213	-8.18	85.4001	-178.22	21.7787	Si
439 Prosp.A	Verticale	SLD 15	-0.3064	23.99	-6.8455	535.9	22.3397	Si
165 Prosp.A	Orizzontale	SLD 9	3.8421	-8.45	86.7609	-190.76	22.5818	Si
494 Prosp.A	Verticale	SLD 11	0.725	4.14	16.5427	94.43	22.8172	Si
463 Prosp.A	Verticale	SLD 5	-2.3071	-2.03	-53.0026	-46.66	22.9736	Si
170 Prosp.A	Orizzontale	SLD 5	3.9153	-9.65	90.1625	-222.33	23.028	Si
164 Prosp.A	Orizzontale	SLD 9	3.7224	-8.57	88.0733	-202.88	23.6601	Si
492 Prosp.A	Verticale	SLD 9	-0.7601	8.06	-18.0163	191.04	23.7028	Si
426 Prosp.A	Verticale	SLD 5	1.7587	1.66	42.5112	40	24.1718	Si
161 Prosp.A	Orizzontale	SLD 11	-3.481	-6.94	-84.3109	-168.17	24.2205	Si
466 Prosp.A	Verticale	SLD 11	1.7642	8.77	43.26	215.07	24.521	Si
489 Prosp.A	Verticale	SLD 13	-0.0231	13.82	-0.5942	355.65	25.7367	Si
163 Prosp.A	Orizzontale	SLD 5	3.5405	-9.11	91.5678	-235.5	25.8629	Si
487 Prosp.A	Verticale	SLD 13	0.0694	12.96	1.8389	343.57	26.5079	Si
470 Prosp.A	Verticale	SLD 15	0.2854	19	7.8989	525.68	27.6731	Si
440 Prosp.A	Verticale	SLD 13	-0.0485	21	-1.3611	589.15	28.0505	Si
440 Prosp.A	Verticale	SLD 15	0.0894	19.81	2.6031	577.09	29.1275	Si
466 Prosp.A	Verticale	SLD 9	-1.8074	4.6	-53.1243	135.27	29.3926	Si
160 Prosp.A	Orizzontale	SLD 11	-2.676	-6.26	-83.3506	-194.91	31.1475	Si
488 Prosp.A	Verticale	SLD 9	0.1777	9.63	5.6568	306.5	31.8378	Si
401 Prosp.A	Verticale	SLD 11	1.6608	-1.46	52.995	-46.58	31.9094	Si
470 Prosp.A	Verticale	SLD 13	-0.0557	17.8	-1.8288	584.61	32.8489	Si
96 Prosp.A	Verticale	SLD 5	-2.7115	-11.18	-89.2187	-367.99	32.9033	Si
493 Prosp.A	Verticale	SLD 11	0.7001	4.44	23.4091	148.49	33.4386	Si
162 Prosp.A	Orizzontale	SLD 9	3.0365	-9.92	101.8185	-332.72	33.5313	Si
494 Prosp.A	Verticale	SLD 5	-0.8016	0.02	-28.1018	0.82	35.0568	Si
364 Prosp.A	Verticale	SLD 11	-1.8607	-4.65	-67.0964	-167.63	36.0604	Si
439 Prosp.A	Verticale	SLD 9	0.5213	11.19	19.3194	414.8	37.0591	Si
486 Prosp.A	Verticale	SLD 13	0.1651	7.98	6.2283	300.95	37.7352	Si
438 Prosp.A	Verticale	SLD 15	-0.1048	14.36	-4.1034	562.53	39.1714	Si
489 Prosp.A	Verticale	SLD 15	0.0132	9.01	0.5231	356.34	39.539	Si
161 Prosp.A	Verticale	SLD 11	-0.6015	0.78	-24.1989	31.54	40.2327	Si
374 Prosp.A	Orizzontale	SLD 5	2.2064	-5.3	89.346	-214.75	40.4931	Si
373 Prosp.A	Orizzontale	SLD 5	2.225	-5.64	91.0459	-230.6	40.4919	Si
477 Prosp.A	Verticale	SLD 7	-1.2307	-2.13	-51.0057	-88.41	41.4438	Si
372 Prosp.A	Orizzontale	SLD 9	2.1995	-5.61	91.2962	-232.93	41.5086	Si
163 Prosp.A	Verticale	SLD 11	-0.4956	1.44	-20.6792	60.09	41.7229	Si
162 Prosp.A	Verticale	SLD 11	-0.534	1.13	-22.2798	47.19	41.724	Si
160 Prosp.A	Verticale	SLD 11	-0.6201	0.37	-26.1091	15.79	42.1039	Si
371 Prosp.A	Orizzontale	SLD 9	2.1546	-5.62	92.0811	-240.27	42.7374	Si
172 Prosp.A	Verticale	SLD 11	-1.8965	-12.28	-81.312	-526.45	42.8744	Si
164 Prosp.A	Verticale	SLD 11	-0.4635	1.51	-20.035	65.23	43.2295	Si
477 Prosp.A	Verticale	SLD 5	0.7047	2.09	30.5407	90.53	43.3357	Si
493 Prosp.A	Verticale	SLD 9	-0.6835	2.04	-30.496	90.9	44.6165	Si
370 Prosp.A	Orizzontale	SLD 9	2.0723	-5.55	92.9964	-248.88	44.8749	Si
18 Prosp.A	Verticale	SLD 1	-0.7491	-2.76	-33.8077	-124.49	45.1325	Si
165 Prosp.A	Verticale	SLD 11	-0.4367	1.48	-19.814	67	45.3768	Si
375 Prosp.A	Orizzontale	SLD 5	1.9989	-5.08	91.1606	-231.66	45.6059	Si
159 Prosp.A	Verticale	SLD 11	-0.6467	-0.36	-29.9574	-16.51	46.3204	Si
427 Prosp.A	Verticale	SLD 7	-2.2135	-6.85	-105.4323	-326.45	47.6314	Si
427 Prosp.A	Verticale	SLD 5	1.3031	1.09	63.0437	52.83	48.3794	Si
428 Prosp.A	Orizzontale	SLD 11	-1.4651	-1.24	-72.4988	-61.45	49.4838	Si
369 Prosp.A	Orizzontale	SLD 9	1.9461	-5.7	96.5907	-282.81	49.6336	Si
166 Prosp.A	Verticale	SLD 11	-0.4029	1.23	-20.4063	62.27	50.6505	Si
478 Prosp.A	Verticale	SLD 5	0.5373	2.24	27.5654	114.97	51.2997	Si
378 Prosp.A	Verticale	SLD 11	-2.181	-7.57	-111.9588	-388.78	51.3335	Si
368 Prosp.A	Orizzontale	SLD 11	-1.7163	-4.57	-92.775	-246.81	54.0563	Si
437 Prosp.A	Verticale	SLD 13	0.1839	9.34	9.957	505.7	54.1302	Si
369 Prosp.A	Orizzontale	SLD 11	-1.7583	-5.01	-95.4304	-271.79	54.2743	Si
374 Prosp.A	Orizzontale	SLD 11	-1.5545	-3.13	-84.55	-170.43	54.3888	Si
427 Prosp.A	Orizzontale	SLD 11	-1.3822	-1.6	-75.4179	-87.48	54.5654	Si
375 Prosp.A	Orizzontale	SLD 11	-1.481	-2.57	-81.3187	-140.87	54.9076	Si
370 Prosp.A	Orizzontale	SLD 11	-1.7663	-5.26	-97.336	-289.85	55.1083	Si
367 Prosp.A	Orizzontale	SLD 11	-1.6255	-4.01	-90.1625	-222.31	55.466	Si
161 Prosp.A	Orizzontale	SLD 9	2.3928	-11.78	134.5392	-662.6	56.2275	Si
371 Prosp.A	Orizzontale	SLD 11	-1.7454	-5.31	-98.3021	-299.06	56.3214	Si
172 Prosp.A	Verticale	SLD 5	1.6308	-11.7	91.964	-659.84	56.3905	Si
373 Prosp.A	Orizzontale	SLD 11	-1.6195	-4.35	-93.1336	-250.13	57.5061	Si
372 Prosp.A	Orizzontale	SLD 11	-1.6938	-5.1	-97.8673	-294.9	57.7791	Si
365 Prosp.A	Verticale	SLD 7	-1.5902	-3.48	-91.9689	-201.26	57.8339	Si
438 Prosp.A	Verticale	SLD 13	0.0899	9.4	5.2712	551.19	58.6544	Si
368 Prosp.A	Orizzontale	SLD 9	1.7848	-6.47	107.7626	-390.39	60.3789	Si
354 Prosp.A	Verticale	SLD 5	-2.1783	-10.38	-139.451	-664.24	64.0179	Si
167 Prosp.A	Verticale	SLD 11	-0.36	0.64	-23.0748	40.74	64.0975	Si

Verifiche a taglio SLU D.M. 17-01-18 §4.1.2.3.5

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
76 Prosp.A	Verticale	0.253	0.75	Non necessaria	0	SLV 9	-17.5	-5.42	0.1795	93.63	485.41	0	93.63	2.5	0.0003079	5.3509	Si
94 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 5	-16.59	-31.13	1.781	123.03	613.25	0	123.03	2.5	0.0006158	7.4143	Si
344 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 11	16.29	-25.87	0.5051	127.19	649.65	0	127.19	2.5	0.0007697	7.8105	Si
77 Prosp.A	Verticale	0.253	0.75	Non necessaria	0	SLV 5	10.17	-3.13	-0.3615	93.34	485.11	0	93.34	2.5	0.0003079	9.182	Si
377 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 11	13.02	-30.37	-2.9064	123.09	614.25	0	123.09	2.5	0.0007697	9.4557	Si
378 Prosp.A	Orizzontale	0.238	1	Non necessaria	0	SLV 11	12.29	-41.01	-2.3813	130.76	612.78	0	130.76	2.5	0.0009967	10.6424	Si
408 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 11	11.63	3.41	0.7291	123.92	646.26	0	123.92	2.5	0.0007697	10.6524	Si
136 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 11	11.72	-27.01	-0.6537	127.34	649.8	0	127.34	2.5	0.0007697	10.8641	Si
115 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLU 7	-10.92	-19.87	-4.8273	126.44	648.86	0	126.44	2.5	0.0006203	11.5828	Si
372 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 7	10.38	-8.42	-3.5757	120.46	611.54	0	120.46	2.5	0.0007697	11.6023	Si
371 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 7	10.38	-8.58	-3.6091	120.48	611.56	0	120.48	2.5	0.0007697	11.6111	Si
373 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 7	10.24	-7.57	-3.4724	120.36	611.44	0	120.36	2.5	0.0007697	11.7548	Si
166 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 7	10.23	-8.03	-8.8666	120.42	611.49	0	120.42	2.5	0.0007697	11.7713	Si
165 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 7	10.21	-8.21	-8.7469	120.44	611.52	0	120.44	2.5	0.0007697	11.7923	Si
370 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 11	10.18	-7.94	-3.6075	120.41	611.48	0	120.41	2.5	0.0007697	11.8267	Si
167 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 7	10.09	-6.41	-8.8228	120.22	611.29	0	120.22	2.5	0.0007697	11.9111	Si
164 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 11	10	-7.27	-8.5005	120.33	611.4	0	120.33	2.5	0.0007697	12.0318	Si
374 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 7	9.93	-5.45	-3.3253	120.11	611.17	0	120.11	2.5	0.0007697	12.0909	Si
168 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 7	9.8	-4.14	-8.6447	119.95	611.01	0	119.95	2.5	0.0007697	12.24	Si
369 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 11	9.73	-7.54	-3.4944	120.36	611.43	0	120.36	2.5	0.0007697	12.3702	Si
170 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 11	9.65	-5.04	-8.6475	120.06	611.12	0	120.06	2.5	0.0007697	12.442	Si
376 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 11	9.66	-8.68	-3.0586	120.5	611.57	0	120.5	2.5	0.0007697	12.4717	Si
476 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 11	5.02	-5.43	-3.9581	62.65	323.84	0	62.65	2.5	0.0003102	12.4767	Si
163 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 11	9.57	-6.09	-8.0347	120.19	611.25	0	120.19	2.5	0.0007697	12.5601	Si
99 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLU 10	-10.08	-22.46	0.2123	126.76	649.2	0	126.76	2.5	0.0007697	12.5797	Si
375 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 7	9.43	-3.3	-3.0255	119.85	610.91	0	119.85	2.5	0.0007697	12.7157	Si
76 Prosp.A	Orizzontale	0.237	0.423	Non necessaria	0	SLV 9	4.39	-15.98	0.7897	55.88	257.84	0	55.88	2.5	0.0004419	12.7432	Si
118 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 5	-9.83	-14.84	-1.8899	125.8	648.2	0	125.8	2.5	0.0007697	12.7938	Si
477 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 11	4.96	-5.59	-2.2368	63.71	323.86	0	63.71	2.5	0.0004618	12.8409	Si
169 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 7	9.3	-2.07	-8.3259	119.71	610.76	0	119.71	2.5	0.0007697	12.8701	Si
134 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 5	-9.78	-15.98	-6.5671	125.94	648.35	0	125.94	2.5	0.0005169	12.8791	Si
368 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 11	8.89	-6.52	-3.2994	120.24	611.31	0	120.24	2.5	0.0007697	13.5204	Si
162 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 11	8.8	-4.85	-7.3485	120.04	611.1	0	120.04	2.5	0.0007697	13.642	Si
172 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 11	4.49	-11.88	-3.3233	63.46	324.69	0	63.46	2.5	0.0003079	14.1217	Si
96 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLU 7	-8.78	-17.17	-3.4745	126.09	648.51	0	126.09	2.5	0.0005169	14.3687	Si
367 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 7	7.58	-6.75	-2.996	120.26	611.33	0	120.26	2.5	0.0007697	15.8628	Si
161 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 7	7.56	-5.57	-6.3956	120.12	611.19	0	120.12	2.5	0.0007697	15.8876	Si
341 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 5	-7.53	-13.2	-6.5714	125.59	647.99	0	125.59	2.5	0.0005169	16.6818	Si
139 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 5	-7.36	-13.76	-3.1485	125.66	648.06	0	125.66	2.5	0.0007697	17.0671	Si
117 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 11	7.26	-15.98	-1.0274	125.94	648.35	0	125.94	2.5	0.0007341	17.348	Si
18 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 5	-3.57	-2.65	-0.9254	62.3	323.48	0	62.3	2.5	0.0002068	17.4569	Si
426 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 11	6.94	-9.04	-6.328	125.07	647.45	0	125.07	2.5	0.0005169	18.019	Si
98 Prosp.A	Verticale	0.253	0.837	Non necessaria	0	SLV 5	-5.67	-12.51	2.0506	105.3	542.55	0	105.3	2.5	0.0006158	18.5846	Si
344 Prosp.A	Orizzontale	0.238	1	Non necessaria	0	SLV 11	6.62	-31.74	-2.4323	126.48	611.42	0	126.48	2.5	0.0009236	19.1101	Si
78 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 5	-3.31	-7.04	0.8853	63.9	324.05	0	63.9	2.5	0.0004618	19.3064	Si
354 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 5	-6.29	-11.38	-4.1785	125.36	647.75	0	125.36	2.5	0.0007697	19.9282	Si
79 Prosp.A	Orizzontale	0.239	0.5	Non necessaria	0	SLU 7	-3.16	-29.7	0.8194	65	308.55	0	65	2.5	0.0004618	20.5377	Si
160 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 7	5.49	-4.94	-5.021	120.05	611.11	0	120.05	2.5	0.0007193	21.8697	Si
366 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 7	5.49	-6.3	-2.4526	120.21	611.28	0	120.21	2.5	0.0007697	21.9028	Si
136 Prosp.A	Orizzontale	0.238	0.944	Non necessaria	0	SLV 7	-4.81	-26.12	-1.3993	121.19	576.69	0	121.19	2.5	0.0009236	25.1836	Si

Vano di disinfezione

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
378 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 5	-4.93	-12.45	3.4108	125.5	647.89	0	125.5	2.5	0.0007697	25.4469	Si
438 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 5	-4.68	-6.64	0.5963	120.25	611.32	0	120.25	2.5	0.0007697	25.6729	Si
466 Prosp.A	Verticale	0.253	0.995	Non necessaria	0	SLV 5	-4.6	-5.23	-4.0627	123.94	643.6	0	123.94	2.5	0.0007697	26.9528	Si
401 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 1	-4.55	-12.52	-4.3073	125.51	647.9	0	125.51	2.5	0.0005169	27.6068	Si
434 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 9	-4.3	-6.1	1.9214	120.19	611.25	0	120.19	2.5	0.0007697	27.9562	Si
159 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 9	-4.33	-13.76	3.5708	121.1	612.2	0	121.1	2.5	0.0007697	27.9722	Si
439 Prosp.A	Orizzontale	0.238	1	Non necessaria	0	SLV 5	-4.41	-6.67	0.1427	123.53	608.7	0	123.53	2.5	0.0009236	28.0157	Si
435 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 9	-4.28	-5.89	1.8467	120.16	611.23	0	120.16	2.5	0.0007697	28.1049	Si
433 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 9	-4.25	-6.13	1.9709	120.19	611.26	0	120.19	2.5	0.0007697	28.2744	Si
436 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 9	-4.19	-5.65	1.5338	120.13	611.2	0	120.13	2.5	0.0007697	28.6671	Si
437 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 5	-4.18	-6.4	1.0888	120.22	611.29	0	120.22	2.5	0.0007316	28.7533	Si
432 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 5	-4.1	-6.22	2.0454	120.2	611.27	0	120.2	2.5	0.0007697	29.3156	Si
77 Prosp.A	Orizzontale	0.239	0.5	Non necessaria	0	SLV 7	-2.04	-5.38	0.1853	60.33	305.55	0	60.33	2.5	0.0004005	29.5719	Si
365 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 9	-4.1	-15.38	0.9431	121.3	612.4	0	121.3	2.5	0.0007697	29.5788	Si
158 Prosp.A	Orizzontale	0.237	0.65	Non necessaria	0	SLV 9	-2.72	-7.15	1.7758	81.23	395.15	0	81.23	2.5	0.0006158	29.8418	Si
427 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 11	4.17	-12.36	-4.0222	125.48	647.88	0	125.48	2.5	0.0007697	30.1203	Si
478 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 11	2.1	-9.1	-1.5573	64.15	324.32	0	64.15	2.5	0.0004618	30.5493	Si
431 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 5	-3.76	-6.46	2.2138	120.23	611.3	0	120.23	2.5	0.0007697	31.9724	Si
364 Prosp.A	Orizzontale	0.237	0.65	Non necessaria	0	SLV 9	-2.55	-10.1	-0.066	81.58	395.51	0	81.58	2.5	0.0006158	32.0076	Si
78 Prosp.A	Orizzontale	0.237	0.496	Non necessaria	0	SLV 9	1.83	-15.5	0.7076	61.26	302.04	0	61.26	2.5	0.0004284	33.524	Si
377 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 11	-3.51	-10.49	-2.4317	125.25	647.64	0	125.25	2.5	0.0007697	35.7325	Si
79 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLU 10	-1.74	-9.98	0.5226	64.27	324.44	0	64.27	2.5	0.0004618	37.018	Si
94 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 11	-1.7	-4.1	0.4649	63.52	323.67	0	63.52	2.5	0.0004618	37.4031	Si
430 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 9	-3.15	-6.93	2.3228	120.29	611.36	0	120.29	2.5	0.0007697	38.2015	Si
492 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 5	-1.61	-0.21	-1.6971	63.03	323.16	0	63.03	2.5	0.0004618	39.1994	Si
440 Prosp.A	Orizzontale	0.238	1	Non necessaria	0	SLV 11	3.19	-18.42	-0.016	128.07	610	0	128.07	2.5	0.0009967	40.0998	Si
139 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 5	3.08	-16.28	0.088	124.88	612.15	0	124.88	2.5	0.0009236	40.4902	Si
470 Prosp.A	Verticale	0.253	0.97	Non necessaria	0	SLV 5	-2.86	-4.37	-0.9362	120.73	627.32	0	120.73	2.5	0.0007697	42.2702	Si
440 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 5	-2.88	-1.76	0.6211	124.14	646.49	0	124.14	2.5	0.0007697	43.0616	Si
491 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 5	-1.38	1.87	-0.9208	63	323.13	0	63	2.5	0.0004618	45.5889	Si
490 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 5	-1.36	1.79	-0.1025	63	323.13	0	63	2.5	0.0004618	46.4972	Si
429 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 9	-2.45	-7.16	2.2323	120.31	611.39	0	120.31	2.5	0.0007697	49.0694	Si
117 Prosp.A	Orizzontale	0.238	0.962	Non necessaria	0	SLV 11	-2.35	-30.89	-0.4747	123.27	588.36	0	123.27	2.5	0.0009236	52.5283	Si
364 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 11	2.34	-4.95	-2.9546	124.55	646.91	0	124.55	2.5	0.0005169	53.2671	Si
428 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 11	2.08	-15.32	-2.7419	125.86	648.27	0	125.86	2.5	0.0007697	60.6203	Si
479 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 11	0.96	-11.28	1.3114	64.43	324.61	0	64.43	2.5	0.0004618	67.4607	Si
98 Prosp.A	Orizzontale	0.238	1	Non necessaria	0	SLV 11	-1.84	-22.68	0.2138	131.26	610.38	0	131.26	2.5	0.0010621	71.3229	Si
463 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 1	-1.73	-8.61	-2.6075	125.01	647.39	0	125.01	2.5	0.0005169	72.2671	Si
493 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 9	0.81	1.71	-1.2755	63	323.13	0	63	2.5	0.0004618	77.5722	Si
171 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 11	-0.79	-8.27	-1.1125	63.01	324.21	0	63.01	2.5	0.0003079	79.919	Si
158 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 9	0.78	-2.31	0.1653	62.25	323.43	0	62.25	2.5	0.0002068	79.9353	Si
428 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 9	-1.46	-7.03	1.988	120.3	611.37	0	120.3	2.5	0.0007697	82.3167	Si
365 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 11	1.42	-4.66	-2.3765	124.51	646.87	0	124.51	2.5	0.0007697	87.3776	Si
376 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 11	-1.33	-4.38	-0.5783	124.48	646.84	0	124.48	2.5	0.0007697	93.6639	Si
118 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 11	-1.31	-10.82	-0.1833	124.22	611.47	0	124.22	2.5	0.0009236	94.9371	Si
494 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 9	0.65	1.27	-1.115	61.96	323.13	0	61.96	2.5	0.0003102	94.9747	Si
466 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 7	1.27	-4.03	0.5937	123.38	610.27	0	123.38	2.5	0.0009236	97.3146	Si
408 Prosp.A	Orizzontale	0.238	1	Non necessaria	0	SLV 5	-1.32	-4.9	0.0666	129.64	608.54	0	129.64	2.5	0.0010736	97.8548	Si
96 Prosp.A	Orizzontale	0.237	0.65	Non necessaria	0	SLV 15	0.8	-11.69	-0.1598	81.74	395.35	0	81.74	2.5	0.0006158	101.857	Si
438 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 11	-1.22	8.86	-0.3012	123.92	646.26	0	123.92	2.5	0.0007697	101.8909	Si

Verifiche a taglio SLD Resistenza D.M. 17-01-18 §4.1.2.3.5

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
76 Prosp.A	Verticale	0.253	0.75	Non necessaria	0	SLD 9	-10.56	-4.32	0.2825	93.49	485.26	0	93.49	2.5	0.0003079	8.8552	Si
94 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 5	-12.9	-25.97	1.3798	122.42	612.61	0	122.42	2.5	0.0006158	9.4899	Si
77 Prosp.A	Verticale	0.253	0.75	Non necessaria	0	SLD 5	6.91	-1.79	-0.2506	93.17	484.93	0	93.17	2.5	0.0003079	13.4837	Si
344 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 11	8.75	-23.36	0.3412	126.88	649.32	0	126.88	2.5	0.0007697	14.5026	Si
115 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 5	-8.5	-14.66	-4.2959	125.78	648.18	0	125.78	2.5	0.0006203	14.7952	Si
99 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 5	-8.1	-15.21	-0.2737	125.85	648.25	0	125.85	2.5	0.0007697	15.5289	Si
134 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 5	-7.9	-13.7	-4.6238	125.65	648.05	0	125.65	2.5	0.0005169	15.9069	Si
118 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 5	-7.7	-14.29	-0.9643	125.73	648.13	0	125.73	2.5	0.0007697	16.3221	Si
377 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 11	7.33	-25.34	-1.4109	122.49	613.63	0	122.49	2.5	0.0007697	16.7028	Si
96 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 9	-7.03	-12.42	-2.6646	125.49	647.89	0	125.49	2.5	0.0005169	17.8582	Si
136 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 11	7.08	-22.81	-0.069	126.81	649.25	0	126.81	2.5	0.0007697	17.9015	Si
76 Prosp.A	Orizzontale	0.237	0.423	Non necessaria	0	SLD 9	3.06	-13.08	0.5606	55.54	257.48	0	55.54	2.5	0.0004419	18.1721	Si
378 Prosp.A	Orizzontale	0.238	1	Non necessaria	0	SLD 11	6.78	-32.81	-1.2005	129.78	611.77	0	129.78	2.5	0.0009967	19.1549	Si
408 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 11	6.05	-0.37	0.3502	123.97	646.31	0	123.97	2.5	0.0007697	20.4967	Si
372 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 7	5.87	-8.55	-1.6733	120.48	611.56	0	120.48	2.5	0.0007697	20.5193	Si
371 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 7	5.86	-8.74	-1.7105	120.5	611.58	0	120.5	2.5	0.0007697	20.5596	Si
166 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 7	5.79	-8.1	-4.6521	120.43	611.5	0	120.43	2.5	0.0007697	20.8111	Si
373 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 7	5.78	-7.86	-1.6006	120.4	611.47	0	120.4	2.5	0.0007697	20.8264	Si
165 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 7	5.77	-8.31	-4.5979	120.45	611.53	0	120.45	2.5	0.0007697	20.8791	Si
370 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 11	5.72	-8.41	-1.7327	120.46	611.54	0	120.46	2.5	0.0007697	21.0704	Si
167 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 7	5.7	-7.05	-4.6071	120.3	611.37	0	120.3	2.5	0.0007697	21.1044	Si
18 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 5	-2.95	-3.53	-0.7912	62.41	323.59	0	62.41	2.5	0.0002068	21.153	Si
164 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 11	5.61	-7.8	-4.4627	120.39	611.47	0	120.39	2.5	0.0007697	21.442	Si
374 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 7	5.58	-6.36	-1.5129	120.22	611.29	0	120.22	2.5	0.0007697	21.5561	Si
168 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 7	5.5	-5.55	-4.4797	120.12	611.19	0	120.12	2.5	0.0007697	21.8303	Si
170 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 11	5.51	-6.57	-4.5748	120.24	611.31	0	120.24	2.5	0.0007697	21.8378	Si
376 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 11	5.5	-9.14	-1.5443	120.55	611.63	0	120.55	2.5	0.0007697	21.9002	Si
341 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 5	-5.7	-10.91	-4.162	125.3	647.69	0	125.3	2.5	0.0005169	21.9875	Si
369 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 11	5.42	-8.17	-1.7068	120.44	611.51	0	120.44	2.5	0.0007697	22.2334	Si
476 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 11	2.79	-2.87	-2.2323	62.32	323.51	0	62.32	2.5	0.0003102	22.354	Si
163 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 11	5.33	-7.09	-4.2195	120.31	611.38	0	120.31	2.5	0.0007697	22.5907	Si
375 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 7	5.26	-4.88	-1.4662	120.04	611.1	0	120.04	2.5	0.0007697	22.8139	Si
477 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 11	2.76	-3.05	-1.2653	63.39	323.53	0	63.39	2.5	0.0004618	23.0076	Si
169 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 7	5.19	-4.09	-4.2935	119.95	611.01	0	119.95	2.5	0.0007697	23.092	Si
368 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 11	4.98	-7.86	-1.6411	120.4	611.47	0	120.4	2.5	0.0007697	24.1787	Si
162 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 11	4.93	-6.65	-3.915	120.25	611.32	0	120.25	2.5	0.0007697	24.3848	Si
78 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 5	-2.6	-4.81	0.6396	63.61	323.76	0	63.61	2.5	0.0004618	24.4995	Si
79 Prosp.A	Orizzontale	0.239	0.5	Non necessaria	0	SLD 9	-2.47	-28.78	0.7796	64.89	308.44	0	64.89	2.5	0.0004618	26.309	Si
117 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 11	4.77	-15.03	0.1004	125.82	648.23	0	125.82	2.5	0.0007341	26.3955	Si
98 Prosp.A	Verticale	0.253	0.837	Non necessaria	0	SLD 5	-3.92	-10.13	1.3813	105	542.24	0	105	2.5	0.0006158	26.7551	Si
139 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 5	-4.69	-14.31	-1.634	125.73	648.13	0	125.73	2.5	0.0007697	26.7798	Si
172 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 11	2.34	-10.79	-1.6881	63.33	324.54	0	63.33	2.5	0.0003079	27.0329	Si
161 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 7	4.35	-7.62	-3.4979	120.37	611.44	0	120.37	2.5	0.0007697	27.6557	Si
367 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 7	4.35	-8.3	-0.7961	120.45	611.53	0	120.45	2.5	0.0007697	27.6644	Si
426 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 11	4.09	-5.5	-3.6561	124.62	646.98	0	124.62	2.5	0.0005169	30.4808	Si
354 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 5	-3.67	-10.38	-2.1783	125.23	647.62	0	125.23	2.5	0.0007697	34.1522	Si
344 Prosp.A	Orizzontale	0.238	1	Non necessaria	0	SLD 11	3.65	-25.07	-1.362	125.69	610.6	0	125.69	2.5	0.0009236	34.4466	Si
160 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 7	3.15	-7.22	-2.7383	120.32	611.39	0	120.32	2.5	0.0007193	38.203	Si
366 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 7	3.14	-7.85	0.5815	120.4	611.47	0	120.4	2.5	0.0007697	38.2988	Si
401 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 1	-3.18	-8.23	-2.5978	124.96	647.34	0	124.96	2.5	0.0005169	39.2402	Si

Vano di disinfezione

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
77 Prosp.A	Orizzontale	0.239	0.5	Non necessaria	0	SLD 7	-1.44	-12.2	0.4737	61.14	306.39	0	61.14	2.5	0.0004005	42.4585	Si
158 Prosp.A	Orizzontale	0.237	0.65	Non necessaria	0	SLD 9	-1.89	-6.38	1.0595	81.14	395.06	0	81.14	2.5	0.0006158	42.9102	Si
364 Prosp.A	Orizzontale	0.237	0.65	Non necessaria	0	SLD 9	-1.76	-8.53	-0.0818	81.4	395.32	0	81.4	2.5	0.0006158	46.1505	Si
159 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 9	-2.58	-11.84	1.9004	120.87	611.96	0	120.87	2.5	0.0007697	46.8734	Si
136 Prosp.A	Orizzontale	0.238	0.944	Non necessaria	0	SLD 9	2.54	-19.63	0.176	120.41	575.89	0	120.41	2.5	0.0009236	47.4411	Si
427 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 11	2.6	-7.9	-2.2639	124.92	647.3	0	124.92	2.5	0.0007697	48.0642	Si
78 Prosp.A	Orizzontale	0.237	0.496	Non necessaria	0	SLD 9	1.25	-12.52	0.4971	60.91	301.68	0	60.91	2.5	0.0004284	48.5679	Si
79 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 9	-1.29	-7.37	0.3112	63.94	324.1	0	63.94	2.5	0.0004618	49.38	Si
438 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 5	-2.41	-6.99	0.4092	120.29	611.36	0	120.29	2.5	0.0007697	49.9484	Si
378 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 5	-2.5	-11.09	1.6599	125.32	647.71	0	125.32	2.5	0.0007697	50.0792	Si
466 Prosp.A	Verticale	0.253	0.995	Non necessaria	0	SLD 5	-2.46	-0.55	-2.1241	123.35	642.98	0	123.35	2.5	0.0007697	50.1261	Si
365 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 9	-2.41	-13.24	0.4037	121.04	612.14	0	121.04	2.5	0.0007697	50.2312	Si
478 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 11	1.23	-5.35	-0.8654	63.68	323.83	0	63.68	2.5	0.0004618	51.6454	Si
94 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 11	-1.23	-4.35	0.3933	63.56	323.7	0	63.56	2.5	0.0004618	51.6489	Si
434 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 9	-2.27	-6.03	1.0276	120.18	611.25	0	120.18	2.5	0.0007697	52.8644	Si
433 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 9	-2.26	-6.11	1.0238	120.19	611.26	0	120.19	2.5	0.0007697	53.1277	Si
435 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 9	-2.26	-5.74	1.0113	120.14	611.21	0	120.14	2.5	0.0007697	53.1284	Si
436 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 9	-2.22	-5.22	0.8638	120.08	611.15	0	120.08	2.5	0.0007697	54.0776	Si
432 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 5	-2.21	-6.14	1.0285	120.19	611.26	0	120.19	2.5	0.0007697	54.4136	Si
437 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 5	-2.19	-5.53	0.6393	120.12	611.18	0	120.12	2.5	0.0007316	54.7449	Si
439 Prosp.A	Orizzontale	0.238	1	Non necessaria	0	SLD 5	-2.24	-9.16	0.103	123.83	609.01	0	123.83	2.5	0.0009236	55.3442	Si
431 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 5	-2.06	-6.23	1.0802	120.2	611.27	0	120.2	2.5	0.0007697	58.479	Si
430 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 9	-1.76	-6.45	1.1	120.23	611.3	0	120.23	2.5	0.0007697	68.3737	Si
377 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 11	-1.79	-12.03	-1.2078	125.44	647.84	0	125.44	2.5	0.0007697	70.2507	Si
492 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 5	-0.88	3.55	-0.8882	63	323.13	0	63	2.5	0.0004618	71.8539	Si
139 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 5	1.72	-13.65	-0.1178	124.56	611.82	0	124.56	2.5	0.0009236	72.4594	Si
364 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 11	1.66	-4.52	-1.8531	124.49	646.85	0	124.49	2.5	0.0005169	74.8109	Si
470 Prosp.A	Verticale	0.253	0.97	Non necessaria	0	SLD 5	-1.58	2.25	-0.5285	120.18	626.75	0	120.18	2.5	0.0007697	76.0912	Si
440 Prosp.A	Orizzontale	0.238	1	Non necessaria	0	SLD 11	1.63	-15.51	-0.0275	127.72	609.64	0	127.72	2.5	0.0009967	78.2515	Si
440 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 5	-1.56	4.38	0.2323	123.92	646.26	0	123.92	2.5	0.0007697	79.2407	Si
117 Prosp.A	Orizzontale	0.238	0.962	Non necessaria	0	SLD 11	-1.5	-28.1	-0.3267	122.94	588.01	0	122.94	2.5	0.0009236	82.2099	Si
429 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 9	-1.45	-6.46	1.0129	120.23	611.3	0	120.23	2.5	0.0007697	82.9485	Si
491 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 5	-0.74	5.68	-0.4732	63	323.13	0	63	2.5	0.0004618	84.8672	Si
490 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 5	-0.73	5.72	-0.0728	63	323.13	0	63	2.5	0.0004618	86.0745	Si
98 Prosp.A	Orizzontale	0.238	1	Non necessaria	0	SLD 11	-1.45	-22.24	0.2833	131.21	610.33	0	131.21	2.5	0.0010621	90.3073	Si
428 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 11	1.25	-10.02	-1.5345	125.19	647.57	0	125.19	2.5	0.0007697	100.3795	Si
479 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 11	0.57	-6.97	0.7547	63.89	324.04	0	63.89	2.5	0.0004618	111.7865	Si
158 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 9	0.56	-2.36	-0.1382	62.26	323.44	0	62.26	2.5	0.0002068	111.8213	Si
463 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 1	-1.09	-4.15	-1.4567	124.45	646.81	0	124.45	2.5	0.0005169	114.3302	Si
171 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 11	-0.53	-8.99	-0.5654	63.1	324.31	0	63.1	2.5	0.0003079	119.6622	Si
428 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 9	-0.97	-6.27	0.8656	120.21	611.28	0	120.21	2.5	0.0007697	123.5596	Si
365 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 11	0.97	-3.88	-1.3912	124.41	646.77	0	124.41	2.5	0.0007697	127.9662	Si
493 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 9	0.48	2.04	-0.6835	63	323.13	0	63	2.5	0.0004618	131.5692	Si
99 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 7	-0.93	-13.08	0.1851	124.5	611.75	0	124.5	2.5	0.0009236	133.6645	Si
376 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 11	-0.86	-6.38	-0.3812	124.73	647.1	0	124.73	2.5	0.0007697	144.8179	Si
96 Prosp.A	Orizzontale	0.237	0.65	Non necessaria	0	SLD 15	0.53	-10.66	-0.1061	81.62	395.23	0	81.62	2.5	0.0006158	155.4379	Si
118 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 11	-0.79	-11.44	-0.1311	124.3	611.55	0	124.3	2.5	0.0009236	157.5395	Si
494 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 9	0.39	1.7	-0.5753	61.96	323.13	0	61.96	2.5	0.0003102	157.9505	Si
426 Prosp.A	Orizzontale	0.237	0.65	Non necessaria	0	SLD 11	-0.5	-2.68	-0.602	80.7	394.6	0	80.7	2.5	0.0006158	163.0021	Si
466 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 7	0.71	-4.64	-0.1643	123.45	610.34	0	123.45	2.5	0.0009236	174.0873	Si

Verifiche SLE tensione calcestruzzo D.M. 17-01-18 §4.1.2.2.5.1

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	oc	oc limite	Es/Ec	c.s.	Verifica
115 Prosp.A	Verticale	SLE QP 3	-3.1141	-13	No	-232	13073	15	56.4268	Si
76 Prosp.A	Orizzontale	SLE QP 4	0.5928	-17.48	No	-209	13073	15	62.4935	Si
134 Prosp.A	Verticale	SLE QP 3	-2.6611	-11.45	No	-202	13073	15	64.8383	Si
77 Prosp.A	Orizzontale	SLE QP 4	0.7033	-18.5	No	-201	13073	15	65.142	Si
79 Prosp.A	Orizzontale	SLE QP 4	0.578	-21.24	No	-200	13073	15	65.3963	Si
78 Prosp.A	Orizzontale	SLE QP 4	0.5068	-21.62	No	-196	13073	15	66.6023	Si
115 Prosp.A	Verticale	SLE RA 10	-3.4422	-14.18	No	-255	17430	15	68.2278	Si
96 Prosp.A	Verticale	SLE QP 4	-2.2841	-11.64	No	-179	13073	15	73.1185	Si
134 Prosp.A	Verticale	SLE RA 10	-3.0295	-12.89	No	-229	17430	15	76.0959	Si
76 Prosp.A	Orizzontale	SLE RA 7	0.6131	-17.93	No	-215	17430	15	80.972	Si
77 Prosp.A	Orizzontale	SLE RA 7	0.7382	-19.05	No	-208	17430	15	83.6357	Si
79 Prosp.A	Orizzontale	SLE RA 7	0.6039	-21.85	No	-207	17430	15	84.2915	Si
78 Prosp.A	Orizzontale	SLE RA 7	0.5276	-22.15	No	-202	17430	15	86.2318	Si
96 Prosp.A	Verticale	SLE RA 7	-2.4905	-12.38	No	-194	17430	15	89.8618	Si
341 Prosp.A	Verticale	SLE QP 3	-1.8225	-8.68	No	-141	13073	15	92.8858	Si
94 Prosp.A	Orizzontale	SLE QP 4	1.0137	-19.89	No	-126	13073	15	103.8004	Si
341 Prosp.A	Verticale	SLE RA 10	-2.1515	-10	No	-165	17430	15	105.4041	Si
18 Prosp.A	Verticale	SLE QP 4	-0.7284	-4.41	No	-120	13073	15	108.9393	Si
136 Prosp.A	Orizzontale	SLE QP 4	-0.3145	-26.06	No	-104	13073	15	125.7144	Si
78 Prosp.A	Verticale	SLE QP 4	0.62	-4.4	No	-100	13073	15	130.7801	Si
94 Prosp.A	Verticale	SLE QP 4	0.4709	-7.11	No	-99	13073	15	132.1713	Si
94 Prosp.A	Orizzontale	SLE RA 7	1.0597	-20.24	No	-130	17430	15	134.1467	Si
18 Prosp.A	Verticale	SLE RA 7	-0.7908	-4.59	No	-129	17430	15	135.0892	Si
344 Prosp.A	Orizzontale	SLE QP 4	-0.4064	-23.24	No	-96	13073	15	136.6638	Si
98 Prosp.A	Verticale	SLE QP 4	0.7876	-8.53	No	-88	13073	15	147.7717	Si
172 Prosp.A	Verticale	SLE QP 3	-0.1616	-10.85	No	-88	13073	15	148.6277	Si
79 Prosp.A	Verticale	SLE QP 4	0.3796	-6.93	No	-87	13073	15	150.1726	Si
378 Prosp.A	Orizzontale	SLE QP 2	-0.2103	-24.16	No	-86	13073	15	152.1029	Si
136 Prosp.A	Verticale	SLE QP 3	0.4513	-18.88	No	-86	13073	15	152.7879	Si
117 Prosp.A	Verticale	SLE QP 3	0.6735	-14.18	No	-85	13073	15	154.2953	Si
401 Prosp.A	Verticale	SLE QP 4	-1.1551	-3.99	No	-84	13073	15	154.8897	Si
98 Prosp.A	Orizzontale	SLE QP 4	0.381	-20.24	No	-84	13073	15	155.8364	Si
171 Prosp.A	Verticale	SLE QP 4	-0.2372	-8.63	No	-83	13073	15	156.9587	Si
76 Prosp.A	Verticale	SLE QP 4	0.7369	-4.94	No	-83	13073	15	157.4829	Si
136 Prosp.A	Orizzontale	SLE RA 7	-0.3561	-26.47	No	-108	17430	15	161.385	Si
78 Prosp.A	Verticale	SLE RA 7	0.6673	-4.75	No	-108	17430	15	161.8467	Si
94 Prosp.A	Verticale	SLE RA 7	0.5112	-7.62	No	-107	17430	15	163.2173	Si
401 Prosp.A	Verticale	SLE RA 7	-1.4456	-4.79	No	-105	17430	15	166.0365	Si
170 Prosp.A	Orizzontale	SLE QP 3	-0.8684	-7.78	No	-78	13073	15	168.443	Si
344 Prosp.A	Orizzontale	SLE RA 7	-0.4739	-24.05	No	-102	17430	15	170.5094	Si
99 Prosp.A	Orizzontale	SLE QP 4	0.2161	-20.3	No	-75	13073	15	174.0905	Si
344 Prosp.A	Verticale	SLE QP 3	0.2099	-19.9	No	-74	13073	15	176.1551	Si
367 Prosp.A	Orizzontale	SLE QP 4	0.6945	-9.89	No	-73	13073	15	178.0416	Si
136 Prosp.A	Verticale	SLE RA 10	0.5715	-20.52	No	-98	17430	15	178.0706	Si
366 Prosp.A	Orizzontale	SLE QP 4	0.711	-9.42	No	-73	13073	15	179.094	Si
98 Prosp.A	Verticale	SLE RA 7	0.867	-9.25	No	-97	17430	15	179.9775	Si
158 Prosp.A	Orizzontale	SLE QP 4	0.4956	-5.59	No	-73	13073	15	180.2349	Si
117 Prosp.A	Verticale	SLE RA 10	0.7655	-15.26	No	-94	17430	15	186.195	Si
172 Prosp.A	Verticale	SLE RA 10	-0.1686	-11.52	No	-93	17430	15	187.3668	Si
79 Prosp.A	Verticale	SLE RA 7	0.3996	-7.43	No	-92	17430	15	188.5022	Si
377 Prosp.A	Orizzontale	SLE QP 2	-0.1866	-18.61	No	-69	13073	15	189.1466	Si
171 Prosp.A	Verticale	SLE RA 11	-0.2591	-9.48	No	-91	17430	15	190.9361	Si
117 Prosp.A	Orizzontale	SLE QP 4	0.1239	-19.14	No	-68	13073	15	191.3393	Si
368 Prosp.A	Orizzontale	SLE QP 4	0.6316	-9.22	No	-67	13073	15	193.7608	Si
377 Prosp.A	Orizzontale	SLE RA 7	0.3685	-21.45	No	-89	17430	15	195.6216	Si
170 Prosp.A	Orizzontale	SLE RA 10	-1.0398	-7.97	No	-89	17430	15	196.3417	Si
76 Prosp.A	Verticale	SLE RA 7	0.7827	-5.21	No	-88	17430	15	198.1292	Si
367 Prosp.A	Orizzontale	SLE RA 7	0.9084	-10.22	No	-88	17430	15	198.9179	Si
115 Prosp.A	Orizzontale	SLE QP 4	-0.2679	-8.86	No	-66	13073	15	199.042	Si
366 Prosp.A	Orizzontale	SLE RA 7	0.9219	-9.82	No	-87	17430	15	199.7757	Si
161 Prosp.A	Orizzontale	SLE QP 3	-0.5827	-9.52	No	-65	13073	15	199.8793	Si
98 Prosp.A	Orizzontale	SLE RA 7	0.406	-20.77	No	-87	17430	15	200.4069	Si
426 Prosp.A	Verticale	SLE QP 4	-0.9487	-1.92	No	-65	13073	15	201.0227	Si
378 Prosp.A	Orizzontale	SLE RA 3	-0.1914	-24.78	No	-87	17430	15	201.0414	Si
344 Prosp.A	Verticale	SLE RA 10	0.2999	-22.1	No	-86	17430	15	201.6498	Si
172 Prosp.A	Verticale	SLE QP 3	0.0523	-9.21	No	-64	13073	15	203.4244	Si
139 Prosp.A	Verticale	SLE QP 3	-0.2733	-15.05	No	-63	13073	15	207.4284	Si
377 Prosp.A	Orizzontale	SLE QP 4	0.2017	-16.11	No	-62	13073	15	209.8906	Si
158 Prosp.A	Orizzontale	SLE RA 7	0.5803	-6.13	No	-83	17430	15	209.9918	Si
426 Prosp.A	Verticale	SLE RA 7	-1.2154	-2.35	No	-83	17430	15	210.1012	Si
369 Prosp.A	Orizzontale	SLE QP 4	0.5537	-8.8	No	-61	13073	15	212.9998	Si
476 Prosp.A	Verticale	SLE QP 4	-0.482	-0.28	No	-61	13073	15	214.9014	Si
368 Prosp.A	Orizzontale	SLE RA 7	0.826	-9.54	No	-80	17430	15	216.6094	Si
118 Prosp.A	Orizzontale	SLE QP 2	-0.1864	-15.61	No	-59	13073	15	221.7192	Si
159 Prosp.A	Orizzontale	SLE QP 2	0.5078	-8.74	No	-58	13073	15	224.0286	Si
476 Prosp.A	Verticale	SLE RA 7	-0.6163	-0.35	No	-78	17430	15	224.2066	Si
99 Prosp.A	Orizzontale	SLE RA 7	0.2269	-20.82	No	-77	17430	15	225.4116	Si
482 Prosp.A	Verticale	SLE RA 7	0.2666	-7.3	No	-76	17430	15	229.3884	Si
481 Prosp.A	Verticale	SLE RA 7	0.3112	-6.31	No	-75	17430	15	231.7284	Si
370 Prosp.A	Orizzontale	SLE QP 4	0.4625	-8.87	No	-56	13073	15	233.5207	Si
162 Prosp.A	Orizzontale	SLE QP 3	-0.4864	-8.36	No	-56	13073	15	233.9676	Si
482 Prosp.A	Verticale	SLE QP 4	0.2063	-5.11	No	-55	13073	15	235.6121	Si
481 Prosp.A	Verticale	SLE QP 4	0.2375	-4.49	No	-55	13073	15	235.867	Si
377 Prosp.A	Verticale	SLE QP 4	-0.2174	-13.62	No	-55	13073	15	236.7003	Si
159 Prosp.A	Orizzontale	SLE RA 3	0.6661	-10.49	No	-74	17430	15	237.0603	Si
364 Prosp.A	Verticale	SLE QP 4	-0.6727	-4.2	No	-55	13073	15	237.2437	Si
369 Prosp.A	Orizzontale	SLE RA 7	0.7176	-9.29	No	-73	17430	15	238.779	Si
344 Prosp.A	Verticale	SLE QP 1	-0.2443	-12.89	No	-55	13073	15	239.4543	Si
162 Prosp.A	Orizzontale	SLE QP 2	0.4489	-8.68	No	-55	13073	15	239.6838	Si
161 Prosp.A	Orizzontale	SLE RA 10	-0.7015	-9.45	No	-72	17430	15	240.4347	Si
169 Prosp.A	Orizzontale	SLE QP 3	-0.5856	-5.73	No	-54	13073	15	242.8333	Si
377 Prosp.A	Orizzontale	SLE RA 3	-0.1892	-19.33	No	-71	17430	15	243.8261	Si
483 Prosp.A	Verticale	SLE RA 7	0.2064	-7.52	No	-70	17430	15	248.1014	Si
115 Prosp.A	Orizzontale	SLE RA 7	-0.2951	-9.31	No	-70	17430	15	248.1297	Si
167 Prosp.A	Orizzontale	SLE QP 4	-0.4674	-7.67	No	-53	13073	15	248.725	Si
117 Prosp.A	Orizzontale	SLE RA 9	0.1328	-19.46	No	-70	17430	15	249.3941	Si
168 Prosp.A	Orizzontale	SLE QP 4	-0.4985	-6.95	No	-52	13073	15	250.2023	Si

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	oc	oc limite	Es/Ec	c.s.	Verifica
364 Prosp.A	Verticale	SLE RA 7	-0.8578	-4.94	No	-69	17430	15	252.8242	Si
163 Prosp.A	Orizzontale	SLE QP 2	0.4269	-8.18	No	-52	13073	15	253.1058	Si
166 Prosp.A	Orizzontale	SLE QP 3	-0.449	-7.68	No	-51	13073	15	253.9972	Si

Verifiche SLE tensione acciaio D.M. 17-01-18 §4.1.2.2.5.2

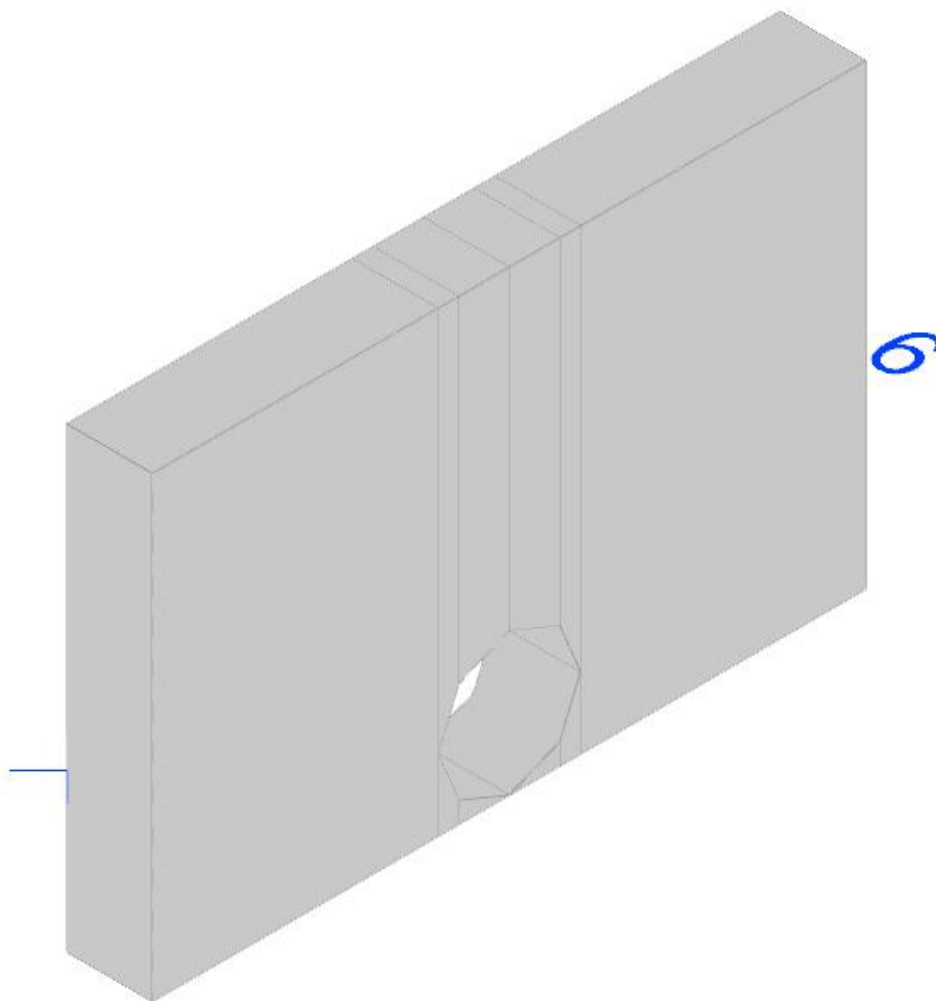
Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	of	of limite	Es/Ec	c.s.	Verifica
115 Prosp.A	Verticale	SLE RA 10	-3.4422	-14.18	No	1505	360000	15	239.1283	Si
78 Prosp.A	Orizzontale	SLE RA 10	0.5183	-21.19	No	-1394	360000	15	258.1854	Si
134 Prosp.A	Verticale	SLE RA 10	-3.0295	-12.89	No	1326	360000	15	271.5349	Si
79 Prosp.A	Orizzontale	SLE RA 10	0.5932	-20.88	No	-1270	360000	15	283.5169	Si
490 Prosp.A	Verticale	SLE RA 10	-0.108	11.15	No	1152	360000	15	312.5779	Si
491 Prosp.A	Verticale	SLE RA 10	-0.143	10.5	No	1135	360000	15	317.2145	Si
489 Prosp.A	Verticale	SLE RA 10	-0.0918	10.81	No	1101	360000	15	327.0147	Si
76 Prosp.A	Orizzontale	SLE RA 10	0.5946	-17.13	No	-1078	360000	15	333.9162	Si
96 Prosp.A	Verticale	SLE RA 10	-2.4825	-12.12	No	1012	360000	15	355.6475	Si
492 Prosp.A	Verticale	SLE RA 10	-0.1757	7.96	No	942	360000	15	382.1641	Si
488 Prosp.A	Verticale	SLE RA 10	0.0934	8.86	No	925	360000	15	389.2369	Si
341 Prosp.A	Verticale	SLE RA 7	-2.1544	-9.8	No	913	360000	15	394.3959	Si
77 Prosp.A	Orizzontale	SLE RA 10	0.7231	-18.23	No	-897	360000	15	401.5296	Si
99 Prosp.A	Orizzontale	SLE RA 10	0.2354	-20.17	No	-796	360000	15	452.2603	Si
344 Prosp.A	Orizzontale	SLE RA 10	-0.3933	-21.91	No	-790	360000	15	455.7947	Si
136 Prosp.A	Orizzontale	SLE RA 5	-0.2074	-18.5	No	-774	360000	15	464.9314	Si
344 Prosp.A	Verticale	SLE RA 7	0.3294	-20.72	No	-758	360000	15	475.0524	Si
476 Prosp.A	Verticale	SLE RA 7	-0.6163	-0.35	No	745	360000	15	483.1911	Si
440 Prosp.A	Verticale	SLE RA 10	-0.2712	11.61	No	707	360000	15	509.2371	Si
98 Prosp.A	Orizzontale	SLE RA 11	0.4125	-20.37	No	-700	360000	15	514.0982	Si
401 Prosp.A	Verticale	SLE RA 7	-1.4456	-4.79	No	697	360000	15	516.2018	Si
426 Prosp.A	Verticale	SLE RA 7	-1.2154	-2.35	No	666	360000	15	540.5912	Si
487 Prosp.A	Verticale	SLE RA 10	0.1286	5.31	No	642	360000	15	560.5951	Si
470 Prosp.A	Verticale	SLE RA 10	-0.2729	9.6	No	632	360000	15	569.3527	Si
117 Prosp.A	Orizzontale	SLE RA 1	0.0806	-13.52	No	-596	360000	15	604.4257	Si
18 Prosp.A	Verticale	SLE RA 10	-0.7874	-4.45	No	594	360000	15	605.8788	Si
488 Prosp.A	Verticale	SLE RA 1	-0.0349	5.92	No	584	360000	15	615.9447	Si
463 Prosp.A	Verticale	SLE RA 7	-0.8173	1.09	No	575	360000	15	626.1167	Si
439 Prosp.A	Verticale	SLE RA 10	-0.1728	10.06	No	574	360000	15	627.021	Si
377 Prosp.A	Orizzontale	SLE RA 10	0.2478	-14.51	No	-538	360000	15	669.3684	Si
494 Prosp.A	Verticale	SLE RA 7	-0.2665	2.12	No	536	360000	15	671.4228	Si
493 Prosp.A	Verticale	SLE RA 7	-0.2607	2.34	No	531	360000	15	678.5308	Si
377 Prosp.A	Orizzontale	SLE RA 1	-0.1611	-12.84	No	-508	360000	15	709.0919	Si
118 Prosp.A	Orizzontale	SLE RA 10	-0.1493	-11.93	No	-465	360000	15	773.6673	Si
378 Prosp.A	Orizzontale	SLE RA 10	0.1354	-11.74	No	-461	360000	15	781.352	Si
466 Prosp.A	Verticale	SLE RA 7	-0.4275	3.66	No	437	360000	15	824.0804	Si
96 Prosp.A	Orizzontale	SLE RA 1	-0.0666	-6.54	No	-404	360000	15	890.9631	Si
78 Prosp.A	Verticale	SLE RA 10	0.666	-4.56	No	392	360000	15	919.4659	Si
477 Prosp.A	Verticale	SLE RA 7	-0.3588	-0.6	No	381	360000	15	945.3548	Si
378 Prosp.A	Orizzontale	SLE RA 7	-0.0666	-9.01	No	-374	360000	15	963.054	Si
115 Prosp.A	Orizzontale	SLE RA 10	-0.2921	-8.71	No	-364	360000	15	989.224	Si
76 Prosp.A	Verticale	SLE RA 10	0.7792	-4.99	No	355	360000	15	1014.7649	Si
96 Prosp.A	Orizzontale	SLE RA 10	0.0717	-5.86	No	-352	360000	15	1023.3432	Si
94 Prosp.A	Orizzontale	SLE RA 10	1.0409	-19.36	No	-332	360000	15	1085.0108	Si
486 Prosp.A	Verticale	SLE RA 10	0.1368	1.78	No	329	360000	15	1093.5701	Si
136 Prosp.A	Verticale	SLE RA 3	-0.1517	-8.92	No	-320	360000	15	1125.1004	Si
364 Prosp.A	Verticale	SLE RA 7	-0.8578	-4.94	No	314	360000	15	1145.9035	Si
171 Prosp.A	Verticale	SLE RA 3	-0.1458	-5.27	No	-312	360000	15	1153.4365	Si
438 Prosp.A	Verticale	SLE RA 10	0.206	3.8	No	304	360000	15	1184.8896	Si
99 Prosp.A	Verticale	SLE RA 1	0.1189	-8.13	No	-304	360000	15	1185.8169	Si
494 Prosp.A	Verticale	SLE RA 1	0.1129	1.67	No	300	360000	15	1200.8331	Si
408 Prosp.A	Orizzontale	SLE RA 10	-0.1348	-7.99	No	-289	360000	15	1246.7634	Si
117 Prosp.A	Orizzontale	SLE RA 10	-0.0306	-5.81	No	-258	360000	15	1393.6296	Si
166 Prosp.A	Orizzontale	SLE RA 1	0.1701	-7.55	No	-257	360000	15	1399.3507	Si
165 Prosp.A	Orizzontale	SLE RA 3	0.2951	-8.89	No	-251	360000	15	1434.1971	Si
440 Prosp.A	Orizzontale	SLE RA 7	-0.1561	-7.13	No	-240	360000	15	1498.0338	Si
167 Prosp.A	Orizzontale	SLE RA 3	0.2769	-8.22	No	-230	360000	15	1568.4701	Si
408 Prosp.A	Verticale	SLE RA 7	0.0439	-5.51	No	-229	360000	15	1575.111	Si
376 Prosp.A	Orizzontale	SLE RA 1	-0.0844	-5.91	No	-228	360000	15	1577.355	Si
493 Prosp.A	Verticale	SLE RA 1	0.0443	1.9	No	227	360000	15	1583.617	Si
367 Prosp.A	Orizzontale	SLE RA 7	0.8952	-5.94	No	215	360000	15	1671.9704	Si
172 Prosp.A	Verticale	SLE RA 3	-0.0313	-2.7	No	-215	360000	15	1674.9372	Si
98 Prosp.A	Orizzontale	SLE RA 10	-0.0324	-5.1	No	-213	360000	15	1689.052	Si
139 Prosp.A	Verticale	SLE RA 3	-0.2513	-7.94	No	-213	360000	15	1691.6157	Si
170 Prosp.A	Verticale	SLE RA 7	-0.0395	-2.7	No	-205	360000	15	1757.5242	Si
170 Prosp.A	Orizzontale	SLE RA 10	-1.0398	-7.97	No	201	360000	15	1794.5415	Si
366 Prosp.A	Orizzontale	SLE RA 7	0.8493	-5.84	No	195	360000	15	1848.1314	Si
463 Prosp.A	Verticale	SLE RA 1	0.1633	1.9	No	195	360000	15	1849.7492	Si
408 Prosp.A	Orizzontale	SLE RA 10	0.0192	-4.5	No	-193	360000	15	1864.2843	Si
161 Prosp.A	Orizzontale	SLE RA 3	0.5168	-10.26	No	-193	360000	15	1868.2924	Si
117 Prosp.A	Verticale	SLE RA 5	-0.0354	-4.48	No	-187	360000	15	1926.7786	Si
162 Prosp.A	Verticale	SLE RA 3	0.1286	0.2	No	181	360000	15	1984.8767	Si
164 Prosp.A	Orizzontale	SLE RA 3	0.4142	-8.78	No	-180	360000	15	1997.6535	Si
139 Prosp.A	Orizzontale	SLE RA 10	-0.2654	-7.05	No	-179	360000	15	2008.3903	Si
437 Prosp.A	Verticale	SLE RA 10	0.2613	0.29	No	175	360000	15	2056.3818	Si
429 Prosp.A	Orizzontale	SLE RA 7	0.5026	-2.17	No	175	360000	15	2058.7644	Si
364 Prosp.A	Orizzontale	SLE RA 1	-0.0198	-2.67	No	-171	360000	15	2103.0852	Si
171 Prosp.A	Verticale	SLE RA 6	0.0145	-1.98	No	-168	360000	15	2137.1422	Si
408 Prosp.A	Verticale	SLE RA 7	-0.2398	0.42	No	168	360000	15	2141.6979	Si
368 Prosp.A	Orizzontale	SLE RA 7	0.8275	-6.16	No	168	360000	15	2142.9834	Si
163 Prosp.A	Verticale	SLE RA 3	0.0963	0.48	No	167	360000	15	2159.1321	Si
168 Prosp.A	Orizzontale	SLE RA 3	0.3363	-7.48	No	-163	360000	15	2211.0527	Si
367 Prosp.A	Verticale	SLE RA 7	0.5498	-3.85	No	162	360000	15	2225.4855	Si
161 Prosp.A	Verticale	SLE RA 3	0.1384	-0.17	No	158	360000	15	2271.828	Si
430 Prosp.A	Orizzontale	SLE RA 7	0.5299	-2.85	No	158	360000	15	2274.8343	Si
118 Prosp.A	Verticale	SLE RA 3	-0.1687	-5.63	No	-157	360000	15	2291.3409	Si
98 Prosp.A	Verticale	SLE RA 10	0.8636	-8.92	No	146	360000	15	2472.3308	Si
366 Prosp.A	Verticale	SLE RA 7	0.5173	-3.82	No	143	360000	15	2514.9744	Si
365 Prosp.A	Orizzontale	SLE RA 10	-0.0883	-4.12	No	-143	360000	15	2521.1367	Si
169 Prosp.A	Orizzontale	SLE RA 10	-0.7476	-5.76	No	143	360000	15	2523.5406	Si
164 Prosp.A	Verticale	SLE RA 3	0.0625	0.63	No	138	360000	15	2606.735	Si
427 Prosp.A	Verticale	SLE RA 7	-0.4779	-3.4	No	138	360000	15	2609.4401	Si

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	of	of limite	Es/Ec	c.s.	Verifica
354 Prosp.A	Orizzontale	SLE RA 10	-0.1272	-4.44	No	-133	360000	15	2715.0588	Si
431 Prosp.A	Orizzontale	SLE RA 10	0.3897	-1.76	No	132	360000	15	2723.6339	Si
368 Prosp.A	Verticale	SLE RA 7	0.5194	-4.09	No	132	360000	15	2736.8697	Si
376 Prosp.A	Verticale	SLE RA 10	0.1274	-4.32	No	-122	360000	15	2957.8276	Si
170 Prosp.A	Verticale	SLE RA 3	0.0993	-2.59	No	-119	360000	15	3031.9276	Si
369 Prosp.A	Orizzontale	SLE RA 7	0.7374	-6.16	No	119	360000	15	3035.0452	Si
438 Prosp.A	Verticale	SLE RA 1	-0.0351	1.89	No	109	360000	15	3288.1844	Si
99 Prosp.A	Orizzontale	SLE RA 10	-0.0206	-2.62	No	-109	360000	15	3313.5951	Si

Parete FILI 1-6

Verifiche condotte secondo D.M. 17-01-18 (N.T.C.)

Geometria

**Caratteristiche dei materiali**

Acciaio: B450C Fyk 450000

Calcestruzzo: C28/35 Rck 35000

Livelli significativi

Descrizione breve	Descrizione	Quota	Spessore
L2	Platea di fondazione	-0.55	0
L3	Piano campagna	0	0
L4	Livello coronamento	1.05	0

Verifiche nei nodi**Sezioni rettangolari**

Descrizione	Dir.	Base	Altezza	As,sup	As,inf	c,sup	c,inf
512 Prosp.A	Verticale	0.5	0.3	0.000258	0.000258	0.047	0.047
476 Prosp.A	Verticale	0.5	0.3	0.000258	0.000258	0.047	0.047
452 Prosp.A	Verticale	1	0.3	0.000517	0.000517	0.047	0.047
426 Prosp.A	Verticale	1	0.3	0.000517	0.000517	0.047	0.047
364 Prosp.A	Verticale	1	0.3	0.000517	0.000517	0.047	0.047
510 Prosp.A	Verticale	0.5	0.3	0.000385	0.000385	0.047	0.047
390 Prosp.A	Verticale	1	0.3	0.000517	0.000517	0.047	0.047
346 Prosp.A	Verticale	0.75	0.3	0.000308	0.000308	0.047	0.047
347 Prosp.A	Verticale	0.75	0.3	0.000308	0.000308	0.047	0.047
495 Prosp.A	Verticale	0.5	0.3	0.000385	0.000385	0.047	0.047
409 Prosp.A	Verticale	1	0.3	0.000616	0.000616	0.047	0.047
158 Prosp.A	Verticale	0.5	0.3	0.000207	0.000207	0.047	0.047
417 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
416 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
411 Prosp.A	Verticale	1	0.3	0.000616	0.000616	0.047	0.047
475 Prosp.A	Verticale	0.7976	0.3	0.000616	0.000616	0.047	0.047
303 Prosp.A	Verticale	0.5	0.3	0.000207	0.000207	0.047	0.047
351 Prosp.A	Verticale	0.5	0.3	0.000462	0.000462	0.047	0.047
360 Prosp.A	Verticale	1	0.3	0.000715	0.000715	0.047	0.047
404 Prosp.A	Verticale	0.7111	0.3	0.000616	0.000616	0.047	0.047
497 Prosp.A	Verticale	0.5	0.3	0.000385	0.000385	0.047	0.047
359 Prosp.A	Verticale	1	0.3	0.000732	0.000732	0.047	0.047
352 Prosp.A	Verticale	0.5	0.3	0.000462	0.000462	0.047	0.047
421 Prosp.A	Verticale	1	0.3	0.000924	0.000924	0.047	0.047
417 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.0612	0.0612
416 Prosp.A	Orizzontale	1	0.3	0.000924	0.000924	0.0611	0.0611
346 Prosp.A	Orizzontale	0.5	0.3	0.0004	0.0004	0.0613	0.0613

Descrizione	Dir.	Base	Altezza	As,sup	As,inf	c,sup	c,inf
426 Prosp.A	Orizzontale	0.65	0.3	0.000616	0.000616	0.0625	0.0625
360 Prosp.A	Orizzontale	1	0.3	0.000616	0.000616	0.0612	0.0612
405 Prosp.A	Verticale	0.6999	0.3	0.000616	0.000616	0.047	0.047
452 Prosp.A	Orizzontale	0.65	0.3	0.000616	0.000616	0.0625	0.0625
347 Prosp.A	Orizzontale	0.5	0.3	0.0004	0.0004	0.0613	0.0613
287 Prosp.A	Verticale	0.5	0.3	0.000308	0.000308	0.047	0.047
356 Prosp.A	Verticale	0.5	0.3	0.000462	0.000462	0.047	0.047
352 Prosp.A	Orizzontale	0.5	0.3	0.000462	0.000462	0.0613	0.0613
186 Prosp.A	Verticale	0.5	0.3	0.000308	0.000308	0.047	0.047
359 Prosp.A	Orizzontale	1	0.3	0.000616	0.000616	0.0612	0.0612
351 Prosp.A	Orizzontale	0.5	0.3	0.000462	0.000462	0.0613	0.0613
356 Prosp.A	Orizzontale	1	0.3	0.000616	0.000616	0.0614	0.0614
405 Prosp.A	Orizzontale	1	0.3	0.000812	0.000812	0.0613	0.0613
404 Prosp.A	Orizzontale	1	0.3	0.000962	0.000962	0.0613	0.0613
475 Prosp.A	Orizzontale	1	0.3	0.000897	0.000897	0.0611	0.0611
411 Prosp.A	Orizzontale	1	0.3	0.000917	0.000917	0.0611	0.0611
409 Prosp.A	Orizzontale	1	0.3	0.000911	0.000911	0.0611	0.0611
364 Prosp.A	Orizzontale	0.65	0.3	0.000616	0.000616	0.0625	0.0625
421 Prosp.A	Orizzontale	1	0.3	0.001078	0.001078	0.0612	0.0612
390 Prosp.A	Orizzontale	0.65	0.3	0.000616	0.000616	0.0625	0.0625

Verifiche a flessione SLU D.M. 17-01-18 §4.1.2.3.4.2

La struttura è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione, per le combinazioni SLV, viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
512 Prosp.A	Verticale	SLV 7	-2.8644	6.49	-18.5234	41.98	6.4667	Si
476 Prosp.A	Verticale	SLV 5	-2.7123	6.92	-18.0198	45.99	6.6437	Si
476 Prosp.A	Verticale	SLV 11	3.6227	-8.91	33.3455	-82.03	9.2045	Si
452 Prosp.A	Verticale	SLV 7	-4.0547	6.75	-39.348	65.55	9.7043	Si
512 Prosp.A	Verticale	SLV 9	3.3831	-8.03	32.896	-78.1	9.7237	Si
426 Prosp.A	Verticale	SLV 5	-3.9602	6.7	-39.2463	66.37	9.9103	Si
426 Prosp.A	Verticale	SLV 11	5.7172	-11.16	61.6578	-120.31	10.7847	Si
452 Prosp.A	Verticale	SLV 9	5.2626	-10.51	62.081	-123.98	11.7966	Si
364 Prosp.A	Verticale	SLV 7	2.7605	-2.24	52.5295	-42.67	19.0288	Si
510 Prosp.A	Verticale	SLV 11	-1.2596	3.35	-26.2877	69.93	20.8695	Si
390 Prosp.A	Verticale	SLV 5	2.4376	-2.56	54.2319	-56.98	22.2481	Si
346 Prosp.A	Verticale	SLV 7	0.8496	3.25	19.2153	73.48	22.6165	Si
347 Prosp.A	Verticale	SLV 5	0.8248	3.36	18.8013	76.67	22.7947	Si
495 Prosp.A	Verticale	SLV 9	-1.0542	0.41	-33.1309	12.77	31.4283	Si
409 Prosp.A	Verticale	SLV 7	1.7177	-0.23	56.9103	-7.61	33.1323	Si
158 Prosp.A	Verticale	SLV 11	0.4944	0.63	16.5176	21.05	33.4113	Si
417 Prosp.A	Verticale	SLV 11	-2.0778	-1.55	-75.7747	-56.57	36.4679	Si
416 Prosp.A	Verticale	SLV 9	-1.8424	0.28	-68.0475	10.3	36.9334	Si
411 Prosp.A	Verticale	SLV 5	1.4228	0.7	52.898	25.95	37.1779	Si
475 Prosp.A	Verticale	SLV 11	-1.2799	0.98	-50.8159	38.96	39.7019	Si
303 Prosp.A	Verticale	SLV 9	0.4086	0.56	16.3297	22.55	39.9696	Si
495 Prosp.A	Verticale	SLV 7	1.1064	-2.55	46.7595	-107.72	42.2613	Si
351 Prosp.A	Verticale	SLV 7	0.902	0.26	39.858	11.41	44.1887	Si
409 Prosp.A	Verticale	SLV 9	-1.7318	-4.06	-76.8459	-180.36	44.3728	Si
411 Prosp.A	Verticale	SLV 11	-1.8425	-5.23	-82.9692	-235.43	45.0312	Si
510 Prosp.A	Verticale	SLV 5	1.2399	-4.62	58.3904	-217.78	47.0932	Si
417 Prosp.A	Verticale	SLV 5	1.844	-3.5	88.2399	-167.39	47.8513	Si
360 Prosp.A	Verticale	SLV 5	1.2985	0.37	62.4905	17.85	48.1238	Si
404 Prosp.A	Verticale	SLV 7	1.1692	-0.28	56.6206	-13.53	48.4276	Si
497 Prosp.A	Verticale	SLV 11	-0.593	0.97	-29.0078	47.47	48.9186	Si
359 Prosp.A	Verticale	SLV 7	1.3487	0	66.012	-0.1	48.9466	Si
497 Prosp.A	Verticale	SLV 7	0.5095	1.58	25.2607	78.31	49.5835	Si
364 Prosp.A	Verticale	SLV 9	-1.6939	-6.5	-84.4754	-323.93	49.8713	Si
416 Prosp.A	Verticale	SLV 7	1.9905	-5.42	99.4954	-270.69	49.9864	Si
390 Prosp.A	Verticale	SLV 11	-1.6096	-5.88	-81.7093	-298.52	50.7625	Si
475 Prosp.A	Verticale	SLV 3	1.0058	0.56	52.0203	28.76	51.7208	Si
352 Prosp.A	Verticale	SLV 5	0.7329	0.52	38.0721	26.88	51.9472	Si
346 Prosp.A	Verticale	SLV 15	-0.4861	0.14	-27.5386	7.88	56.6499	Si
421 Prosp.A	Verticale	SLV 9	-1.3059	0.44	-79.3001	26.45	60.7225	Si
347 Prosp.A	Verticale	SLV 13	-0.4578	-0.02	-28.6415	-1.01	62.5652	Si
404 Prosp.A	Verticale	SLV 9	-1.2245	-3.16	-76.9805	-198.44	62.8654	Si
352 Prosp.A	Verticale	SLV 11	-0.9366	-2.63	-59.2805	-166.25	63.2927	Si
360 Prosp.A	Verticale	SLV 11	-1.4864	-4.23	-94.9862	-270.25	63.9049	Si
351 Prosp.A	Verticale	SLV 9	-0.889	-2.29	-57.3616	-147.9	64.5213	Si
359 Prosp.A	Verticale	SLV 9	-1.4039	-3.6	-92.8215	-237.78	66.1158	Si
417 Prosp.A	Orizzontale	SLV 5	1.1004	-1.71	79.3072	-123.53	72.072	Si
421 Prosp.A	Verticale	SLV 3	1.3779	-2.36	101.7081	-174.01	73.8156	Si
416 Prosp.A	Orizzontale	SLV 7	1.3207	-2.58	98.5058	-192.18	74.5853	Si
346 Prosp.A	Orizzontale	SLV 11	-0.6899	-2.29	-52.9419	-175.72	76.7413	Si
426 Prosp.A	Orizzontale	SLV 11	0.7207	-0.62	56.288	-48.53	78.107	Si
360 Prosp.A	Orizzontale	SLV 5	0.7339	-0.74	60.088	-60.33	81.8729	Si
405 Prosp.A	Verticale	SLV 11	-1.0945	-3.97	-90.2283	-327.66	82.4388	Si
405 Prosp.A	Verticale	SLV 5	0.583	0.39	51.1124	33.84	87.6653	Si
452 Prosp.A	Orizzontale	SLV 9	0.5851	-0.44	55.6012	-42.22	95.0321	Si
347 Prosp.A	Orizzontale	SLV 9	-0.5367	-1.79	-53.1342	-177.61	98.9997	Si
287 Prosp.A	Verticale	SLV 3	-0.5878	-2.9	-60.286	-297.75	102.5693	Si
356 Prosp.A	Verticale	SLV 3	0.5358	-1.35	56.8638	-143.17	106.1382	Si
356 Prosp.A	Verticale	SLV 15	-0.5379	-1.42	-57.8239	-152.31	107.4911	Si
352 Prosp.A	Orizzontale	SLV 7	-0.7852	-11.79	-93.2883	-1401.26	118.8047	Si
186 Prosp.A	Verticale	SLV 1	-0.5566	-3.02	-66.3433	-360.18	119.1851	Si
360 Prosp.A	Orizzontale	SLV 11	-1.5392	-16.21	-184.5842	-1944.1	119.9201	Si
359 Prosp.A	Orizzontale	SLV 11	-0.3018	1.15	-36.3751	138.74	120.5274	Si
351 Prosp.A	Orizzontale	SLV 5	-0.6452	-11.81	-86.5707	-1584.37	134.168	Si
158 Prosp.A	Verticale	SLV 7	-0.022	0.94	-3.1029	131.7	140.8094	Si
303 Prosp.A	Verticale	SLV 1	-0.0428	0.72	-6.0757	102.83	142.0138	Si
356 Prosp.A	Orizzontale	SLV 5	0.2595	0.92	37.1075	132.07	142.9905	Si
405 Prosp.A	Orizzontale	SLV 11	-1.1333	-6.6	-162.9625	-948.81	143.7964	Si
404 Prosp.A	Orizzontale	SLV 11	-0.8849	-3.41	-134.1357	-517.25	151.5883	Si
475 Prosp.A	Orizzontale	SLV 11	-0.6736	-1.77	-105.2602	-275.83	156.2747	Si
356 Prosp.A	Orizzontale	SLV 11	-1.0969	-8.19	-173.9727	-1299.4	158.6061	Si
416 Prosp.A	Orizzontale	SLV 9	-1.1539	-11.28	-196.1449	-1917.51	169.9788	Si
417 Prosp.A	Orizzontale	SLV 13	-0.7215	-3.34	-127.445	-589.65	176.6297	Si
287 Prosp.A	Verticale	SLV 13	0.2791	-1.11	50.313	-199.83	180.2554	Si
411 Prosp.A	Orizzontale	SLV 5	0.6194	-1.9	114.5411	-351.19	184.9127	Si
411 Prosp.A	Orizzontale	SLV 9	-0.6156	-1.87	-114.2022	-347.79	185.5169	Si

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
359 Prosp.A	Orizzontale	SLV 7	0.4921	-2.02	96.8734	-396.76	196.8538	Si
475 Prosp.A	Orizzontale	SLV 5	0.5831	-1.98	118.1622	-401.96	202.63	Si
186 Prosp.A	Verticale	SLV 15	0.2606	-1.11	53.1338	-226.96	203.8845	Si
409 Prosp.A	Orizzontale	SLV 9	-0.9407	-8.97	-195.4228	-1864.39	207.7481	Si
409 Prosp.A	Orizzontale	SLV 7	0.5349	-2.07	128.7616	-498.37	240.7262	Si
426 Prosp.A	Orizzontale	SLV 5	-0.4471	-2.61	-116.1852	-678.22	259.8553	Si
452 Prosp.A	Orizzontale	SLV 7	-0.3822	-2.37	-122.4635	-758.3	320.3942	Si
364 Prosp.A	Orizzontale	SLV 11	-0.3798	-3.46	-126.9004	-1157.3	334.1096	Si
421 Prosp.A	Orizzontale	SLV 11	-0.3742	-1.21	-134.5094	-435.29	359.4696	Si
390 Prosp.A	Orizzontale	SLV 1	-0.328	-4.68	-123.0372	-1755.54	375.1648	Si
405 Prosp.A	Orizzontale	SLV 5	0.2498	-0.64	95.3327	-242.72	381.6712	Si
404 Prosp.A	Orizzontale	SLV 7	0.1939	-0.13	86.8605	-58.06	448.0198	Si
364 Prosp.A	Orizzontale	SLV 9	0.2335	-3.68	119.4776	-1884.83	511.6356	Si
421 Prosp.A	Orizzontale	SLV 1	0.3292	-2.63	200.6946	-1603.51	609.6286	Si
352 Prosp.A	Orizzontale	SLV 5	0.1408	-2.54	87.0723	-1573.26	618.3361	Si
390 Prosp.A	Orizzontale	SLV 3	0.1079	-3.36	81.8019	-2551.17	758.2243	Si
346 Prosp.A	Orizzontale	SLV 13	0.0241	-3.02	18.318	-2288.83	759.1067	Si
351 Prosp.A	Orizzontale	SLV 7	0.092	-2.4	70.8712	-1848.03	770.72	Si
347 Prosp.A	Orizzontale	SLV 15	0.0171	-2.82	13.8866	-2288.83	812.4213	Si

Verifiche a flessione SLD Resistenza D.M. 17-01-18 §4.1.2.3.4.2

La struttura è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
512 Prosp.A	Verticale	SLD 7	-1.3693	2.89	-18.8058	39.73	13.7338	Si
476 Prosp.A	Verticale	SLD 5	-1.1397	3	-17.8837	47.07	15.6915	Si
476 Prosp.A	Verticale	SLD 11	2.05	-4.99	33.2056	-80.8	16.198	Si
512 Prosp.A	Verticale	SLD 9	1.8585	-4.43	32.9534	-78.61	17.7316	Si
426 Prosp.A	Verticale	SLD 11	3.3084	-6.73	62.421	-126.9	18.8673	Si
452 Prosp.A	Verticale	SLD 9	2.9674	-6.23	63.0361	-132.24	21.2427	Si
452 Prosp.A	Verticale	SLD 7	-1.8569	2.47	-40.755	54.22	21.9492	Si
426 Prosp.A	Verticale	SLD 5	-1.558	2.27	-40.2212	58.53	25.8166	Si
364 Prosp.A	Verticale	SLD 7	1.6519	-3.3	62.0853	-124.01	37.5841	Si
510 Prosp.A	Verticale	SLD 11	-0.6379	1.37	-27.5783	59.31	43.2326	Si
390 Prosp.A	Verticale	SLD 5	1.4256	-3.41	65.9642	-157.7	46.271	Si
346 Prosp.A	Verticale	SLD 7	0.4144	1.1	21.3792	56.69	51.5952	Si
347 Prosp.A	Verticale	SLD 9	0.3377	1.23	19.5217	71.11	57.8084	Si
495 Prosp.A	Verticale	SLD 9	-0.5162	-0.33	-37.3608	-23.68	72.3767	Si
409 Prosp.A	Verticale	SLD 7	0.8559	-1.17	66.7488	-91.63	77.9872	Si
417 Prosp.A	Verticale	SLD 11	-1.1032	-2.04	-87.6903	-162.43	79.4842	Si
475 Prosp.A	Verticale	SLD 11	-0.6638	-0.34	-58.8518	-29.93	88.6584	Si
416 Prosp.A	Verticale	SLD 9	-0.8886	-1.14	-81.2266	-104.58	91.4071	Si
495 Prosp.A	Verticale	SLD 7	0.5685	-1.82	53.5295	-170.93	94.1654	Si
351 Prosp.A	Verticale	SLD 7	0.4556	-0.37	45.337	-36.94	99.5097	Si
411 Prosp.A	Verticale	SLD 11	-0.9837	-3.76	-98.0531	-375.22	99.6745	Si
411 Prosp.A	Verticale	SLD 5	0.651	-0.77	64.9903	-76.43	99.8365	Si
510 Prosp.A	Verticale	SLD 5	0.6176	-2.65	64.1258	-274.69	103.8359	Si
158 Prosp.A	Verticale	SLD 7	0.3347	-1.3	35.2349	-137.23	105.281	Si
409 Prosp.A	Verticale	SLD 9	-0.8671	-3.12	-94.1863	-338.82	108.6207	Si
346 Prosp.A	Verticale	SLD 15	-0.281	-0.2	-31.269	-22.38	111.2918	Si
359 Prosp.A	Verticale	SLD 7	0.6764	-0.87	77.5024	-99.83	114.588	Si
497 Prosp.A	Verticale	SLD 11	-0.3049	-0.03	-35.036	-3.54	114.8919	Si
416 Prosp.A	Verticale	SLD 7	1.0339	-3.99	119.373	-460.95	115.4609	Si
475 Prosp.A	Verticale	SLD 3	0.5409	-0.55	62.765	-64.16	116.0415	Si
497 Prosp.A	Verticale	SLD 7	0.2615	0.28	30.7988	32.49	117.7789	Si
404 Prosp.A	Verticale	SLD 7	0.5728	-0.99	68.3155	-118.06	119.2676	Si
360 Prosp.A	Verticale	SLD 5	0.5957	-0.7	74.7078	-87.43	125.4083	Si
360 Prosp.A	Verticale	SLD 11	-0.846	-3.14	-109.3573	-406.05	129.2601	Si
417 Prosp.A	Verticale	SLD 5	0.8557	-3.01	112.6896	-395.82	131.6869	Si
352 Prosp.A	Verticale	SLD 11	-0.5044	-1.85	-67.6008	-247.99	134.0224	Si
352 Prosp.A	Verticale	SLD 5	0.334	-0.26	45.1175	-34.97	135.0907	Si
347 Prosp.A	Verticale	SLD 13	-0.2513	-0.37	-34.7182	-50.84	138.1565	Si
404 Prosp.A	Verticale	SLD 9	-0.6281	-2.45	-94.3309	-367.33	150.175	Si
351 Prosp.A	Verticale	SLD 9	-0.4426	-1.66	-68.545	-257.49	154.8545	Si
421 Prosp.A	Verticale	SLD 9	-0.6296	-1.02	-100.5761	-163.6	159.7546	Si
359 Prosp.A	Verticale	SLD 9	-0.71	-2.79	-115.5573	-453.38	162.7625	Si
426 Prosp.A	Orizzontale	SLD 11	0.4302	-1.11	70.4564	-182.45	163.7657	Si
346 Prosp.A	Orizzontale	SLD 7	-0.5689	-4.52	-93.4085	-741.53	164.1986	Si
303 Prosp.A	Verticale	SLD 9	0.2357	-1.06	39.8686	-179.37	169.1661	Si
352 Prosp.A	Orizzontale	SLD 7	-0.5084	-9.36	-86.3541	-1589.08	169.8605	Si
421 Prosp.A	Verticale	SLD 3	0.7222	-2.44	129.1446	-435.64	178.8157	Si
347 Prosp.A	Orizzontale	SLD 3	-0.5238	-7.03	-94.202	-1263.54	179.8412	Si
405 Prosp.A	Verticale	SLD 11	-0.6004	-2.9	-109.7306	-529.37	182.7672	Si
351 Prosp.A	Orizzontale	SLD 5	-0.4159	-9.51	-76.9588	-1759.79	185.0293	Si
360 Prosp.A	Orizzontale	SLD 11	-0.9096	-12.57	-182.2017	-2518.41	200.3029	Si
452 Prosp.A	Orizzontale	SLD 9	0.3446	-0.92	71.2786	-190.41	206.8217	Si
356 Prosp.A	Orizzontale	SLD 11	-0.8763	-8.24	-181.8489	-1709.53	207.5287	Si
158 Prosp.A	Verticale	SLD 7	-0.0138	0.64	-2.8954	133.71	209.0756	Si
303 Prosp.A	Verticale	SLD 1	-0.0269	0.51	-5.6379	107.09	209.6519	Si
417 Prosp.A	Orizzontale	SLD 5	0.7045	-4	153.5209	-872.05	217.9009	Si
359 Prosp.A	Orizzontale	SLD 9	-0.7344	-12.85	-169.5494	-2966.22	230.8554	Si
416 Prosp.A	Orizzontale	SLD 7	0.7059	-4.73	190.241	-1274.87	269.4963	Si
405 Prosp.A	Orizzontale	SLD 11	-0.6827	-6.2	-190.294	-1728.26	278.7181	Si
356 Prosp.A	Verticale	SLD 15	-0.2891	-1.41	-82.1517	-400.44	284.13	Si
287 Prosp.A	Verticale	SLD 7	-0.335	-3.06	-95.6455	-872.72	285.5146	Si
356 Prosp.A	Verticale	SLD 3	0.2748	-1.38	84.0044	-420.86	305.7109	Si
390 Prosp.A	Verticale	SLD 11	-0.5904	-4.98	-182.6988	-1540.17	309.4497	Si
405 Prosp.A	Verticale	SLD 5	0.2486	-0.69	79.2179	-220.52	318.6031	Si
364 Prosp.A	Verticale	SLD 9	-0.5771	-5.38	-185.6312	-1729.53	321.6518	Si
404 Prosp.A	Orizzontale	SLD 9	-0.6139	-6.62	-197.5835	-2129.62	321.8484	Si
416 Prosp.A	Orizzontale	SLD 9	-0.5362	-9.13	-178.6482	-3040.9	333.179	Si
186 Prosp.A	Verticale	SLD 5	-0.2862	-3.18	-96.3709	-1071	336.6894	Si
417 Prosp.A	Orizzontale	SLD 11	-0.5199	-8.31	-179.1861	-2862.46	344.6392	Si
409 Prosp.A	Orizzontale	SLD 9	-0.4866	-7.62	-183.8805	-2879.95	377.9025	Si
411 Prosp.A	Orizzontale	SLD 11	-0.4792	-7.07	-187.4547	-2764.86	391.1423	Si
475 Prosp.A	Orizzontale	SLD 11	-0.3573	-1.82	-154.7521	-786.51	433.1575	Si
390 Prosp.A	Orizzontale	SLD 1	-0.1933	-4.39	-100.6268	-2284.17	520.5892	Si
364 Prosp.A	Orizzontale	SLD 11	-0.2169	-3.9	-113.5649	-2041.36	523.6035	Si
409 Prosp.A	Orizzontale	SLD 1	0.2363	-7.44	124.5842	-3924.17	527.224	Si
411 Prosp.A	Orizzontale	SLD 3	0.2452	-7.07	132.5201	-3819.43	540.4628	Si

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
452 Prosp.A	Orizzontale	SLD 7	-0.2096	-1.89	-126.8057	-1143.5	604.8976	Si
364 Prosp.A	Orizzontale	SLD 9	0.1141	-3.17	88.4394	-2459.43	775.2664	Si
360 Prosp.A	Orizzontale	SLD 5	0.2153	-3.82	168.6184	-2989.09	783.3126	Si
475 Prosp.A	Orizzontale	SLD 5	0.2325	-1.84	191.8359	-1515.44	825.1709	Si
426 Prosp.A	Orizzontale	SLD 9	-0.143	-2.02	-123.3626	-1741.17	862.7461	Si
359 Prosp.A	Orizzontale	SLD 3	0.0963	-4.95	83.2402	-4277.64	864.6776	Si
287 Prosp.A	Verticale	SLD 13	0.0973	-1.49	90.9135	-1391.57	934.2655	Si
390 Prosp.A	Orizzontale	SLD 3	0.0692	-2.83	67.225	-2753.14	972.0522	Si
421 Prosp.A	Orizzontale	SLD 11	-0.2039	-1.59	-200.4103	-1561.15	983.046	Si
421 Prosp.A	Orizzontale	SLD 1	0.1939	-2.52	197.368	-2566.69	1018.0921	Si
186 Prosp.A	Verticale	SLD 7	0.0763	-0.71	95.7686	-885.95	1255.6494	Si
404 Prosp.A	Orizzontale	SLD 3	0.052	-3.39	71.8369	-4691.91	1382.534	Si
405 Prosp.A	Orizzontale	SLD 3	0.0465	-2.41	84.9425	-4398.51	1826.9809	Si
352 Prosp.A	Orizzontale	SLD 5	0.0035	-0.82	9.8958	-2336.82	2834.7642	Si
356 Prosp.A	Orizzontale	SLD 5	0.0114	-0.6	81.8241	-4296.4	7158.99	Si

Verifiche a taglio SLU D.M. 17-01-18 §4.1.2.3.5

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrscd	VRd	cotg(θ)	Asl	c.s.	Verifica
512 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 9	6.71	-8.03	3.3831	62.98	324.18	0	62.98	2.5	0.0002585	9.3901	Si
476 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 11	-6.52	-8.91	3.6227	63.09	324.3	0	63.09	2.5	0.0002585	9.6743	Si
452 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 9	10.3	-10.51	5.2626	125.25	647.64	0	125.25	2.5	0.0005169	12.1645	Si
426 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 11	-9.99	-11.16	5.7172	125.33	647.72	0	125.33	2.5	0.0005169	12.5456	Si
510 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 9	3.85	-4.85	1.1728	62.57	323.77	0	62.57	2.5	0.0003848	16.2513	Si
351 Prosp.A	Orizzontale	0.239	0.5	Non necessaria	0	SLV 7	3.38	-3.84	-0.0787	61.91	305.36	0	61.91	2.5	0.0004618	18.2932	Si
346 Prosp.A	Orizzontale	0.239	0.5	Non necessaria	0	SLV 7	2.87	-3.26	-0.7534	60.07	305.29	0	60.07	2.5	0.0004005	20.9587	Si
352 Prosp.A	Orizzontale	0.239	0.5	Non necessaria	0	SLV 5	2.86	-3.2	0.0968	61.83	305.28	0	61.83	2.5	0.0004618	21.6076	Si
421 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 11	-5.3	-6.15	0.4708	126.79	647.07	0	126.79	2.5	0.0009236	23.9413	Si
347 Prosp.A	Orizzontale	0.239	0.5	Non necessaria	0	SLV 5	2.44	-2.75	-0.5016	60.01	305.23	0	60.01	2.5	0.0004005	24.5477	Si
416 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 11	-5.05	-5.54	1.9531	124.62	646.99	0	124.62	2.5	0.0007697	24.6994	Si
416 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 7	4.64	-2.58	1.3207	123.24	610.45	0	123.24	2.5	0.0009236	26.568	Si
356 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 11	-2.29	-1.35	-0.2133	63.17	323.31	0	63.17	2.5	0.0004618	27.6269	Si
359 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 3	4.35	-9.29	0.3243	120.5	611.1	0	120.5	2.5	0.0006158	27.6839	Si
405 Prosp.A	Verticale	0.253	0.7	Non necessaria	0	SLV 7	-2.83	-3.88	-0.353	87.27	452.85	0	87.27	2.5	0.0006158	30.7948	Si
475 Prosp.A	Verticale	0.253	0.798	Non necessaria	0	SLV 9	3.14	-5.13	0.6309	99.49	516.13	0	99.49	2.5	0.0006158	31.6773	Si
360 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 1	3.77	-9.1	0.339	120.48	611.08	0	120.48	2.5	0.0006158	31.9786	Si
417 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 5	3.57	-1.41	1.0777	119.57	610.24	0	119.57	2.5	0.0007697	33.4862	Si
495 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 11	-1.85	-3.06	1.028	62.35	323.53	0	62.35	2.5	0.0003848	33.6246	Si
390 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 9	3.59	-2.33	1.8861	124.22	646.57	0	124.22	2.5	0.0005169	34.6035	Si
404 Prosp.A	Verticale	0.253	0.711	Non necessaria	0	SLV 11	-2.49	-0.4	0.8656	88.17	459.6	0	88.17	2.5	0.0006158	35.3678	Si
186 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 11	-1.74	0.12	0.0363	61.96	323.13	0	61.96	2.5	0.0003079	35.6123	Si
364 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 11	-3.47	-2.07	2.0965	124.18	646.53	0	124.18	2.5	0.0005169	35.7982	Si
287 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 9	1.7	0.06	0.0799	61.96	323.13	0	61.96	2.5	0.0003079	36.4775	Si
356 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 1	3.05	-11.28	-0.2019	120.67	610.8	0	120.67	2.5	0.0006158	39.5833	Si
364 Prosp.A	Orizzontale	0.237	0.65	Non necessaria	0	SLV 7	1.86	-3.97	-0.3362	80.85	394.76	0	80.85	2.5	0.0006158	43.4848	Si
404 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 3	2.84	-7.55	0.2636	125.48	610.73	0	125.48	2.5	0.0009618	44.2435	Si
405 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 3	2.55	-8.38	0.2066	120.36	610.71	0	120.36	2.5	0.0008123	47.2533	Si
346 Prosp.A	Verticale	0.253	0.75	Non necessaria	0	SLV 3	1.94	0.27	0.3869	92.94	484.7	0	92.94	2.5	0.0003079	47.7919	Si
417 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 9	2.53	-3.98	1.735	124.43	646.78	0	124.43	2.5	0.0007697	49.1362	Si
426 Prosp.A	Orizzontale	0.237	0.65	Non necessaria	0	SLV 11	1.58	-0.62	0.7207	80.46	394.35	0	80.46	2.5	0.0006158	50.8835	Si
409 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 7	2.34	-3.51	0.4263	122.79	610.57	0	122.79	2.5	0.000911	52.5528	Si
409 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 11	-2.33	-2.56	1.1233	124.25	646.6	0	124.25	2.5	0.0006158	53.3369	Si
347 Prosp.A	Verticale	0.253	0.75	Non necessaria	0	SLV 1	-1.71	0.01	0.3578	92.94	484.7	0	92.94	2.5	0.0003079	54.3693	Si
390 Prosp.A	Orizzontale	0.237	0.65	Non necessaria	0	SLV 5	1.47	-3.48	-0.2949	80.8	394.7	0	80.8	2.5	0.0006158	55.0329	Si
497 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 5	1.12	-3.07	0.5599	62.35	323.53	0	62.35	2.5	0.0003848	55.8825	Si
352 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 7	-1.09	-2.57	-0.71	63.33	323.47	0	63.33	2.5	0.0004618	58.3028	Si
411 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 9	2.08	-2.15	0.7018	124.19	646.54	0	124.19	2.5	0.0006158	59.75	Si
359 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 11	-1.97	-1.5	1.0057	124.11	646.46	0	124.11	2.5	0.0007318	63.0671	Si
411 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 1	1.91	-6.44	0.4109	123.42	610.93	0	123.42	2.5	0.0009172	64.5098	Si
360 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 7	-1.87	-1.46	-1.1089	124.11	646.45	0	124.11	2.5	0.0007153	66.3129	Si
351 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 7	-0.9	-0.83	0.4934	63.11	323.24	0	63.11	2.5	0.0004618	70.0486	Si

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
452 Prosp.A	Orizzontale	0.237	0.65	Non necessaria	0	SLV 9	0.98	-0.44	0.5851	80.43	394.33	0	80.43	2.5	0.0006158	82.3195	Si
421 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 1	1.08	-1.76	-0.031	129.6	610.09	0	129.6	2.5	0.0010776	119.653	Si
303 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLU 1	-0.4	-2.7	0.072	62.3	323.48	0	62.3	2.5	0.0002068	156.2568	Si
158 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 13	0.36	-2.78	-0.155	62.31	323.49	0	62.31	2.5	0.0002068	171.0705	Si
475 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 9	0.71	-1.83	0.1323	121.94	610.36	0	121.94	2.5	0.0008966	172.6034	Si

Verifiche a taglio SLD Resistenza D.M. 17-01-18 §4.1.2.3.5

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
476 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 11	-3.6	-4.99	2.05	62.59	323.78	0	62.59	2.5	0.0002585	17.4036	Si
512 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 9	3.55	-4.43	1.8585	62.52	323.71	0	62.52	2.5	0.0002585	17.6195	Si
426 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 11	-5.72	-6.73	3.3084	124.77	647.14	0	124.77	2.5	0.0005169	21.8198	Si
452 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 9	5.65	-6.23	2.9674	124.71	647.08	0	124.71	2.5	0.0005169	22.0851	Si
510 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 9	2.17	-2.76	0.5839	62.31	323.49	0	62.31	2.5	0.0003848	28.6592	Si
351 Prosp.A	Orizzontale	0.239	0.5	Non necessaria	0	SLD 7	2	-5.49	-0.2969	62.11	305.56	0	62.11	2.5	0.0004618	31.0563	Si
346 Prosp.A	Orizzontale	0.239	0.5	Non necessaria	0	SLD 7	1.85	-4.52	-0.5689	60.22	305.44	0	60.22	2.5	0.0004005	32.4768	Si
352 Prosp.A	Orizzontale	0.239	0.5	Non necessaria	0	SLD 5	1.62	-5.02	-0.1719	62.05	305.51	0	62.05	2.5	0.0004618	38.2056	Si
416 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 11	-3.23	-4.05	1.0106	124.43	646.79	0	124.43	2.5	0.0007697	38.5251	Si
347 Prosp.A	Orizzontale	0.239	0.5	Non necessaria	0	SLD 1	1.55	-5.99	-0.4238	60.4	305.63	0	60.4	2.5	0.0004005	39.0084	Si
359 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 3	2.84	-9.15	0.0174	120.48	611.09	0	120.48	2.5	0.0006158	42.4639	Si
416 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 7	2.75	-4.73	0.7059	123.5	610.72	0	123.5	2.5	0.0009236	44.8463	Si
421 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 11	-2.82	-4.35	0.2809	126.56	646.83	0	126.56	2.5	0.0009236	44.8975	Si
360 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 1	2.41	-8.92	0.0015	120.45	611.06	0	120.45	2.5	0.0006158	49.9809	Si
356 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 11	-1.18	-1.37	-0.044	63.18	323.31	0	63.18	2.5	0.0004618	53.5338	Si
186 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 11	-1.15	-0.95	-0.016	62.08	323.26	0	62.08	2.5	0.0003079	53.9072	Si
417 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 5	2.15	-4	0.7045	119.88	610.56	0	119.88	2.5	0.0007697	55.7011	Si
287 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 9	1.09	-0.95	-0.0911	62.08	323.26	0	62.08	2.5	0.0003079	56.7685	Si
405 Prosp.A	Verticale	0.253	0.7	Non necessaria	0	SLD 7	-1.49	-2.85	-0.2605	87.14	452.72	0	87.14	2.5	0.0006158	58.4367	Si
364 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 11	-2.12	-1.65	1.2581	124.13	646.48	0	124.13	2.5	0.0005169	58.5017	Si
390 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 9	2.1	-1.72	1.1107	124.14	646.49	0	124.14	2.5	0.0005169	59.1614	Si
475 Prosp.A	Verticale	0.253	0.798	Non necessaria	0	SLD 9	1.67	-3.42	0.2988	99.27	515.91	0	99.27	2.5	0.0006158	59.5204	Si
495 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 11	-1.02	-2.07	0.5286	62.22	323.4	0	62.22	2.5	0.0003848	60.7231	Si
356 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 1	1.96	-10	-0.2802	120.51	610.64	0	120.51	2.5	0.0006158	61.4062	Si
404 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 3	1.92	-7.08	-0.0213	125.42	610.68	0	125.42	2.5	0.0009618	65.4491	Si
364 Prosp.A	Orizzontale	0.237	0.65	Non necessaria	0	SLD 7	1.21	-4.16	-0.1987	80.88	394.78	0	80.88	2.5	0.0006158	66.6143	Si
405 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 3	1.75	-7.46	-0.0554	120.24	610.59	0	120.24	2.5	0.0008123	68.7436	Si
346 Prosp.A	Verticale	0.253	0.75	Non necessaria	0	SLD 3	1.34	-0.36	0.1729	92.99	484.74	0	92.99	2.5	0.0003079	69.4005	Si
404 Prosp.A	Verticale	0.253	0.711	Non necessaria	0	SLD 5	1.26	-2.39	-0.4756	88.42	459.86	0	88.42	2.5	0.0006158	70.2486	Si
409 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 7	1.63	-4.87	0.1033	122.95	610.73	0	122.95	2.5	0.000911	75.3353	Si
417 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 9	1.65	-3.25	0.7098	124.33	646.69	0	124.33	2.5	0.0007697	75.4355	Si
347 Prosp.A	Verticale	0.253	0.75	Non necessaria	0	SLD 1	-1.17	-0.62	0.1398	93.02	484.78	0	93.02	2.5	0.0003079	79.5253	Si
390 Prosp.A	Orizzontale	0.237	0.65	Non necessaria	0	SLD 5	0.99	-3.78	-0.1791	80.83	394.74	0	80.83	2.5	0.0006158	81.4853	Si
411 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 1	1.38	-6.2	0.1581	123.39	610.9	0	123.39	2.5	0.0009172	89.387	Si
426 Prosp.A	Orizzontale	0.237	0.65	Non necessaria	0	SLD 11	0.89	-1.11	0.4302	80.51	394.41	0	80.51	2.5	0.0006158	90.5249	Si
409 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 11	-1.28	-2.06	0.5163	124.18	646.53	0	124.18	2.5	0.0006158	97.1793	Si
352 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 7	-0.64	-1.82	-0.3893	63.23	323.37	0	63.23	2.5	0.0004618	98.5453	Si
497 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 5	0.61	-2.07	0.2719	62.22	323.4	0	62.22	2.5	0.0003848	101.2838	Si
359 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 11	-1.11	-1.26	0.4934	124.08	646.43	0	124.08	2.5	0.0007318	111.4682	Si
411 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 9	1.08	-1.88	0.321	124.16	646.51	0	124.16	2.5	0.0006158	115.1658	Si
351 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 5	0.52	-1.62	-0.3696	63.21	323.34	0	63.21	2.5	0.0004618	121.3119	Si
360 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 7	-1.01	-1.25	-0.6017	124.08	646.43	0	124.08	2.5	0.0007153	122.2653	Si
452 Prosp.A	Orizzontale	0.237	0.65	Non necessaria	0	SLD 9	0.51	-0.92	0.3446	80.49	394.39	0	80.49	2.5	0.0006158	157.9603	Si
421 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 1	0.65	-1.69	-0.0102	129.59	610.09	0	129.59	2.5	0.0010776	199.4036	Si

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
158 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 13	0.22	-2.55	0.1187	62.28	323.46	0	62.28	2.5	0.0002068	282.8395	Si
475 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 9	0.4	-2.06	0.0422	121.97	610.39	0	121.97	2.5	0.0008966	301.5169	Si
303 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 15	-0.2	-2.51	0.097	62.28	323.46	0	62.28	2.5	0.0002068	306.0925	Si

Verifiche SLE tensione calcestruzzo D.M. 17-01-18 §4.1.2.2.5.1

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	σc	σc limite	Es/Ec	c.s.	Verifica
346 Prosp.A	Orizzontale	SLE QP 4	-0.3398	-5.79	No	-78	13073	15	168.6009	Si
351 Prosp.A	Orizzontale	SLE QP 4	-0.236	-7.18	No	-72	13073	15	180.3663	Si
352 Prosp.A	Orizzontale	SLE QP 4	-0.2344	-6.87	No	-70	13073	15	185.5604	Si
347 Prosp.A	Orizzontale	SLE QP 4	-0.284	-5.7	No	-70	13073	15	186.3585	Si
346 Prosp.A	Orizzontale	SLE RA 7	-0.4051	-5.92	No	-86	17430	15	201.7603	Si
476 Prosp.A	Verticale	SLE QP 4	0.4552	-0.99	No	-63	13073	15	207.9631	Si
426 Prosp.A	Verticale	SLE QP 4	0.8669	-2.23	No	-61	13073	15	214.5821	Si
476 Prosp.A	Verticale	SLE RA 7	0.582	-1.26	No	-80	17430	15	217.0061	Si
351 Prosp.A	Orizzontale	SLE RA 7	-0.2848	-7.31	No	-79	17430	15	220.036	Si
347 Prosp.A	Orizzontale	SLE RA 7	-0.3502	-5.83	No	-79	17430	15	220.4905	Si
352 Prosp.A	Orizzontale	SLE RA 7	-0.2879	-7.01	No	-78	17430	15	224.164	Si
426 Prosp.A	Verticale	SLE RA 7	1.1074	-2.78	No	-78	17430	15	224.5901	Si
364 Prosp.A	Verticale	SLE QP 4	0.5959	-4.22	No	-50	13073	15	259.387	Si
356 Prosp.A	Orizzontale	SLE QP 4	-0.3673	-8.69	No	-50	13073	15	259.8806	Si
360 Prosp.A	Orizzontale	SLE QP 4	-0.2986	-8.87	No	-47	13073	15	280.8672	Si
452 Prosp.A	Verticale	SLE RA 7	0.8707	-2.4	No	-62	17430	15	282.49	Si
364 Prosp.A	Verticale	SLE RA 7	0.7428	-4.77	No	-61	17430	15	284.5256	Si
452 Prosp.A	Verticale	SLE QP 4	0.6417	-1.88	No	-46	13073	15	285.3333	Si
359 Prosp.A	Orizzontale	SLE QP 4	-0.2748	-9.07	No	-46	13073	15	286.0944	Si
512 Prosp.A	Verticale	SLE RA 7	0.4327	-1.02	No	-60	17430	15	289.3693	Si
512 Prosp.A	Verticale	SLE QP 4	0.3126	-0.77	No	-44	13073	15	298.9618	Si
390 Prosp.A	Verticale	SLE QP 4	0.4812	-4.08	No	-43	13073	15	305.1955	Si
356 Prosp.A	Orizzontale	SLE RA 7	-0.45	-8.81	No	-56	17430	15	312.1378	Si
390 Prosp.A	Verticale	SLE RA 7	0.6227	-4.64	No	-53	17430	15	326.5332	Si
360 Prosp.A	Orizzontale	SLE RA 7	-0.3524	-9.06	No	-51	17430	15	345.0397	Si
158 Prosp.A	Verticale	SLE QP 4	0.1667	-2.32	No	-36	13073	15	364.6032	Si
359 Prosp.A	Orizzontale	SLE RA 7	-0.2986	-9.26	No	-48	17430	15	364.831	Si
405 Prosp.A	Orizzontale	SLE QP 4	-0.2149	-6.52	No	-33	13073	15	392.5687	Si
404 Prosp.A	Orizzontale	SLE QP 4	-0.21	-6.61	No	-33	13073	15	398.3915	Si
303 Prosp.A	Verticale	SLE QP 4	0.1411	-2.34	No	-33	13073	15	399.0582	Si
158 Prosp.A	Verticale	SLE RA 7	0.1983	-2.52	No	-41	17430	15	423.6961	Si
303 Prosp.A	Verticale	SLE RA 7	0.1724	-2.56	No	-38	17430	15	457.4712	Si
417 Prosp.A	Orizzontale	SLE QP 2	0.109	-6.62	No	-27	13073	15	480.6594	Si
405 Prosp.A	Orizzontale	SLE RA 7	-0.2516	-6.61	No	-36	17430	15	486.2667	Si
404 Prosp.A	Orizzontale	SLE RA 7	-0.2423	-6.71	No	-35	17430	15	497.0778	Si
416 Prosp.A	Orizzontale	SLE QP 2	0.0849	-6.88	No	-26	13073	15	500.0128	Si
186 Prosp.A	Verticale	SLE QP 2	-0.1323	-1.48	No	-26	13073	15	511.7871	Si
426 Prosp.A	Orizzontale	SLE QP 4	0.1698	-1.62	No	-23	13073	15	557.4678	Si
287 Prosp.A	Verticale	SLE QP 2	-0.1162	-1.4	No	-23	13073	15	567.4341	Si
417 Prosp.A	Orizzontale	SLE RA 3	0.1423	-7	No	-30	17430	15	572.59	Si
186 Prosp.A	Verticale	SLE RA 7	-0.1193	-2.37	No	-30	17430	15	590.0361	Si
416 Prosp.A	Orizzontale	SLE RA 7	0.1613	-6.3	No	-29	17430	15	600.4366	Si
452 Prosp.A	Orizzontale	SLE QP 4	0.1584	-1.41	No	-21	13073	15	611.0636	Si
426 Prosp.A	Orizzontale	SLE RA 7	0.2211	-1.66	No	-28	17430	15	612.3852	Si
452 Prosp.A	Orizzontale	SLE RA 7	0.2061	-1.45	No	-26	17430	15	668.8217	Si
287 Prosp.A	Verticale	SLE RA 3	-0.132	-1.57	No	-26	17430	15	669.6339	Si
495 Prosp.A	Verticale	SLE QP 4	0.1014	-1.07	No	-19	13073	15	694.3913	Si
416 Prosp.A	Verticale	SLE QP 4	0.2037	-2.1	No	-19	13073	15	697.595	Si
495 Prosp.A	Verticale	SLE RA 7	0.1382	-1.32	No	-25	17430	15	702.4679	Si
416 Prosp.A	Verticale	SLE RA 7	0.2775	-2.61	No	-25	17430	15	703.6723	Si
409 Prosp.A	Orizzontale	SLE QP 4	-0.0706	-4.24	No	-17	13073	15	758.035	Si
411 Prosp.A	Orizzontale	SLE QP 4	-0.0658	-4.02	No	-16	13073	15	803.3581	Si
405 Prosp.A	Verticale	SLE QP 4	-0.0926	-1.79	No	-16	13073	15	832.8463	Si
510 Prosp.A	Verticale	SLE RA 7	0.1278	-0.85	No	-21	17430	15	843.7123	Si
352 Prosp.A	Verticale	SLE QP 4	-0.0679	-1.05	No	-14	13073	15	904.9849	Si
347 Prosp.A	Verticale	SLE QP 3	-0.1116	-1.18	No	-14	13073	15	907.0954	Si
510 Prosp.A	Verticale	SLE QP 4	0.0886	-0.59	No	-14	13073	15	914.5965	Si
417 Prosp.A	Verticale	SLE RA 7	0.2004	-2.2	No	-19	17430	15	924.3207	Si
364 Prosp.A	Orizzontale	SLE QP 2	-0.0224	-2.56	No	-14	13073	15	926.6571	Si
417 Prosp.A	Verticale	SLE QP 4	0.1438	-1.74	No	-14	13073	15	931.9056	Si
409 Prosp.A	Orizzontale	SLE RA 10	-0.0811	-4.29	No	-18	17430	15	965.4962	Si
405 Prosp.A	Verticale	SLE RA 7	-0.1007	-2.12	No	-18	17430	15	978.2645	Si
352 Prosp.A	Verticale	SLE RA 7	-0.0784	-1.35	No	-17	17430	15	996.441	Si
390 Prosp.A	Orizzontale	SLE QP 4	0.0319	-2.15	No	-13	13073	15	999.751	Si
364 Prosp.A	Orizzontale	SLE QP 4	0.0264	-2.25	No	-13	13073	15	1004.8091	Si
411 Prosp.A	Orizzontale	SLE RA 7	-0.0734	-4.07	No	-17	17430	15	1031.871	Si
347 Prosp.A	Verticale	SLE RA 11	-0.1282	-1.39	No	-17	17430	15	1044.4733	Si
390 Prosp.A	Orizzontale	SLE QP 3	-0.0308	-1.96	No	-12	13073	15	1081.7661	Si
346 Prosp.A	Verticale	SLE QP 4	-0.0912	-1	No	-12	13073	15	1095.0629	Si
409 Prosp.A	Orizzontale	SLE RA 3	0.0345	-4.32	No	-15	17430	15	1139.7559	Si
360 Prosp.A	Verticale	SLE QP 3	-0.1121	-1.47	No	-11	13073	15	1149.306	Si
364 Prosp.A	Orizzontale	SLE RA 7	0.038	-2.48	No	-15	17430	15	1150.1385	Si
404 Prosp.A	Verticale	SLE QP 3	-0.0622	-1.43	No	-11	13073	15	1150.6182	Si
411 Prosp.A	Verticale	SLE QP 3	-0.0924	-1.77	No	-11	13073	15	1164.4071	Si
390 Prosp.A	Orizzontale	SLE RA 7	0.0436	-2.32	No	-15	17430	15	1164.4272	Si
364 Prosp.A	Orizzontale	SLE RA 4	-0.0232	-2.63	No	-14	17430	15	1202.3704	Si
475 Prosp.A	Orizzontale	SLE QP 4	0.0612	-2.29	No	-11	13073	15	1217.4511	Si
346 Prosp.A	Verticale	SLE RA 7	-0.1066	-1.25	No	-14	17430	15	1218.3972	Si
359 Prosp.A	Orizzontale	SLE QP 1	0.0146	-3.02	No	-10	13073	15	1256.1762	Si
421 Prosp.A	Orizzontale	SLE QP 3	-0.05	-2.42	No	-10	13073	15	1272.4428	Si
475 Prosp.A	Verticale	SLE RA 7	0.0907	-1.63	No	-13	17430	15	1325.1507	Si
404 Prosp.A	Verticale	SLE RA 7	-0.0656	-1.76	No	-13	17430	15	1331.0099	Si
356 Prosp.A	Verticale	SLE QP 4	-0.0235	-1.09	No	-9	13073	15	1390.1704	Si
390 Prosp.A	Orizzontale	SLE RA 10	-0.0354	-1.94	No	-12	17430	15	1406.7249	Si
475 Prosp.A	Orizzontale	SLE RA 7	0.0811	-2.36	No	-12	17430	15	1434.0573	Si
417 Prosp.A	Verticale	SLE QP 1	-0.1036	-0.93	No	-9	13073	15	1437.4339	Si
409 Prosp.A	Orizzontale	SLE QP 2	0.0155	-2.65	No	-9	13073	15	1446.4777	Si
359 Prosp.A	Verticale	SLE QP 3	-0.091	-1.09	No	-9	13073	15	1472.1143	Si
411 Prosp.A	Verticale	SLE RA 11	-0.0897	-1.98	No	-12	17430	15	1488.5504	Si
360 Prosp.A	Verticale	SLE RA 11	-0.1138	-1.46	No	-11	17430	15	1526.6179	Si

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	oc	oc limite	Es/Ec	c.s.	Verifica
356 Prosp.A	Verticale	SLE RA 7	-0.0254	-1.35	No	-11	17430	15	1552.396	Si
421 Prosp.A	Verticale	SLE QP 4	0.0541	-1.68	No	-8	13073	15	1570.6283	Si
411 Prosp.A	Orizzontale	SLE QP 4	0.0371	-1.94	No	-8	13073	15	1600.2413	Si
475 Prosp.A	Verticale	SLE QP 4	0.0568	-0.98	No	-8	13073	15	1615.578	Si
421 Prosp.A	Orizzontale	SLE RA 7	-0.059	-2.37	No	-11	17430	15	1634.8806	Si
421 Prosp.A	Verticale	SLE RA 7	0.0729	-2.01	No	-10	17430	15	1671.2221	Si
359 Prosp.A	Orizzontale	SLE RA 1	0.0146	-3.02	No	-10	17430	15	1674.9016	Si
351 Prosp.A	Verticale	SLE QP 4	-0.0245	-0.71	No	-7	13073	15	1808.976	Si
359 Prosp.A	Verticale	SLE RA 6	-0.0966	-1.21	No	-10	17430	15	1816.3298	Si
417 Prosp.A	Verticale	SLE RA 1	-0.1036	-0.93	No	-9	17430	15	1916.5786	Si

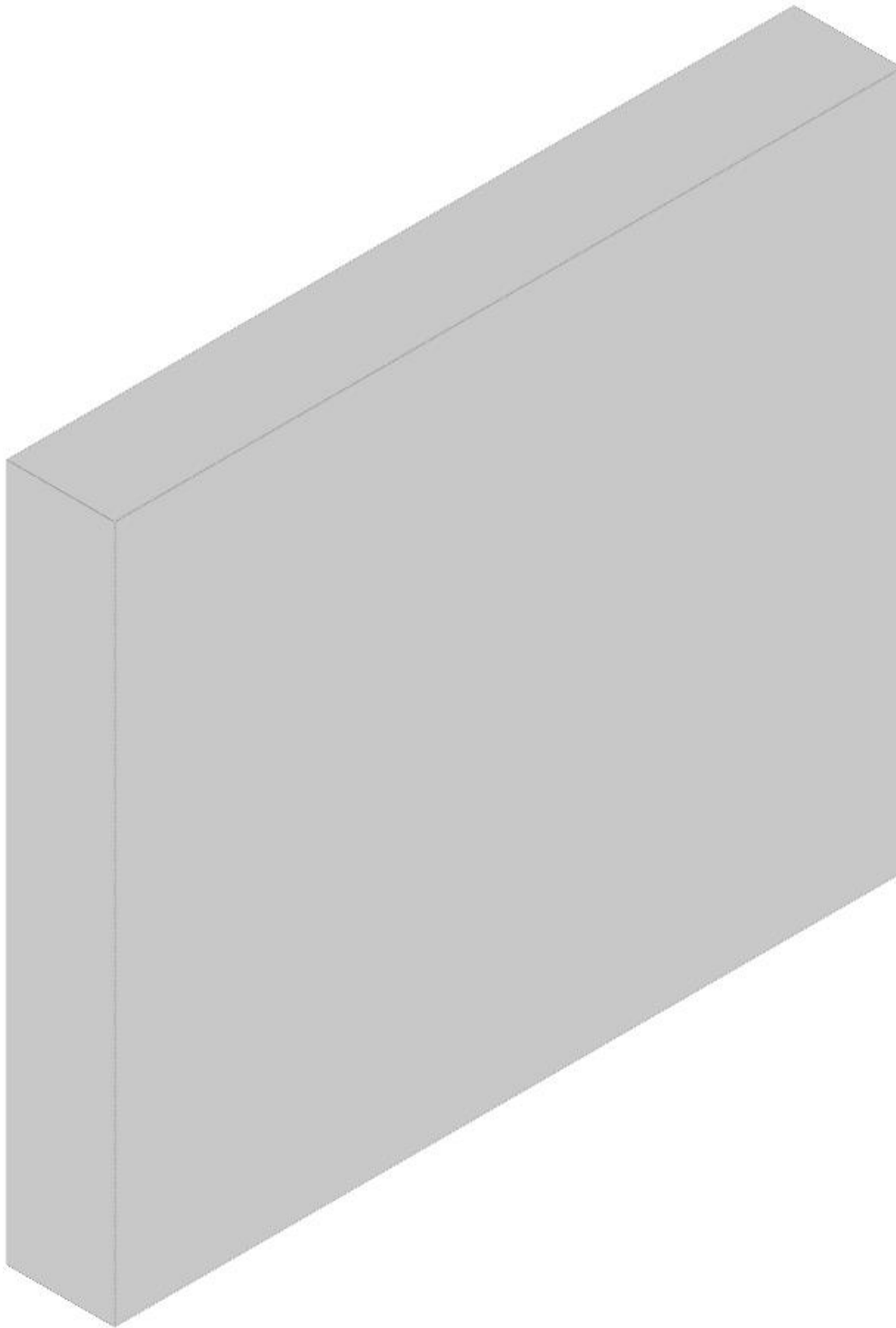
Verifiche SLE tensione acciaio D.M. 17-01-18 §4.1.2.2.5.2

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	of	of limite	Es/Ec	c.s.	Verifica
476 Prosp.A	Verticale	SLE RA 7	0.582	-1.26	No	625	360000	15	576.2838	Si
426 Prosp.A	Verticale	SLE RA 7	1.1074	-2.78	No	576	360000	15	624.577	Si
512 Prosp.A	Verticale	SLE RA 7	0.4327	-1.02	No	457	360000	15	788.2498	Si
452 Prosp.A	Verticale	SLE RA 7	0.8707	-2.4	No	443	360000	15	812.7456	Si
351 Prosp.A	Orizzontale	SLE RA 11	-0.2605	-6.97	No	-356	360000	15	1011.1992	Si
352 Prosp.A	Orizzontale	SLE RA 7	-0.2879	-7.01	No	-330	360000	15	1090.8227	Si
364 Prosp.A	Verticale	SLE RA 7	0.7428	-4.77	No	249	360000	15	1447.7498	Si
359 Prosp.A	Orizzontale	SLE RA 10	-0.2983	-8.66	No	-242	360000	15	1488.6689	Si
360 Prosp.A	Orizzontale	SLE RA 10	-0.3232	-8.46	No	-218	360000	15	1648.7219	Si
416 Prosp.A	Orizzontale	SLE RA 10	0.1143	-5.32	No	-182	360000	15	1979.2634	Si
390 Prosp.A	Verticale	SLE RA 7	0.6227	-4.64	No	178	360000	15	2021.852	Si
356 Prosp.A	Orizzontale	SLE RA 7	-0.45	-8.81	No	-164	360000	15	2195.0797	Si
347 Prosp.A	Orizzontale	SLE RA 7	-0.3502	-5.83	No	-156	360000	15	2300.908	Si
417 Prosp.A	Orizzontale	SLE RA 10	0.1047	-4.59	No	-155	360000	15	2316.2841	Si
411 Prosp.A	Orizzontale	SLE RA 10	-0.0759	-3.91	No	-138	360000	15	2605.5295	Si
359 Prosp.A	Orizzontale	SLE RA 1	0.0146	-3.02	No	-134	360000	15	2682.0579	Si
404 Prosp.A	Orizzontale	SLE RA 10	-0.234	-5.62	No	-130	360000	15	2759.1899	Si
405 Prosp.A	Orizzontale	SLE RA 10	-0.2404	-5.54	No	-125	360000	15	2883.0925	Si
364 Prosp.A	Orizzontale	SLE RA 4	0.0088	-1.82	No	-121	360000	15	2982.4287	Si
390 Prosp.A	Orizzontale	SLE RA 10	0.0317	-2.01	No	-115	360000	15	3134.4284	Si
364 Prosp.A	Orizzontale	SLE RA 7	-0.034	-2.02	No	-114	360000	15	3162.1287	Si
346 Prosp.A	Orizzontale	SLE RA 7	-0.4051	-5.92	No	-105	360000	15	3432.1613	Si
390 Prosp.A	Orizzontale	SLE RA 7	-0.0364	-1.91	No	-104	360000	15	3466.7714	Si
409 Prosp.A	Orizzontale	SLE RA 2	-0.0287	-2.4	No	-95	360000	15	3806.5297	Si
510 Prosp.A	Verticale	SLE RA 7	0.1278	-0.85	No	79	360000	15	4556.0052	Si
452 Prosp.A	Orizzontale	SLE RA 7	0.2061	-1.45	No	70	360000	15	5163.1228	Si
409 Prosp.A	Orizzontale	SLE RA 10	0.0269	-1.8	No	-68	360000	15	5311.7933	Si
426 Prosp.A	Orizzontale	SLE RA 7	0.2211	-1.66	No	67	360000	15	5352.8911	Si
411 Prosp.A	Orizzontale	SLE RA 7	0.0469	-1.98	No	-65	360000	15	5513.0661	Si
417 Prosp.A	Orizzontale	SLE RA 1	-0.0061	-1.27	No	-56	360000	15	6469.9778	Si
303 Prosp.A	Verticale	SLE RA 3	-0.0177	0.33	No	55	360000	15	6548.511	Si
421 Prosp.A	Orizzontale	SLE RA 3	-0.0096	-1.31	No	-54	360000	15	6655.9104	Si
158 Prosp.A	Verticale	SLE RA 3	-0.0106	0.4	No	53	360000	15	6849.5726	Si
510 Prosp.A	Verticale	SLE RA 1	-0.0435	-0.02	No	52	360000	15	6944.0722	Si
416 Prosp.A	Verticale	SLE RA 7	0.2775	-2.61	No	51	360000	15	7117.4141	Si
495 Prosp.A	Verticale	SLE RA 7	0.1382	-1.32	No	48	360000	15	7466.1225	Si
475 Prosp.A	Orizzontale	SLE RA 11	0.0556	-1.44	No	-36	360000	15	10035.7887	Si
186 Prosp.A	Verticale	SLE RA 3	-0.1487	-1.64	No	33	360000	15	10897.5975	Si
475 Prosp.A	Orizzontale	SLE RA 11	-0.0087	-0.81	No	-33	360000	15	11040.22	Si
417 Prosp.A	Verticale	SLE RA 3	0.0618	-0.18	No	30	360000	15	11978.5881	Si
421 Prosp.A	Orizzontale	SLE RA 10	0.0111	-0.77	No	-29	360000	15	12490.3164	Si
347 Prosp.A	Verticale	SLE RA 10	-0.1292	-1.33	No	26	360000	15	13643.4263	Si
475 Prosp.A	Verticale	SLE RA 3	0.0349	-0.07	No	23	360000	15	15732.8083	Si
356 Prosp.A	Verticale	SLE RA 10	0.002	-0.27	No	-22	360000	15	16219.7884	Si
303 Prosp.A	Verticale	SLE RA 7	0.1724	-2.56	No	-22	360000	15	16247.8153	Si
356 Prosp.A	Orizzontale	SLE RA 1	0.0035	-0.5	No	-21	360000	15	16844.1145	Si
417 Prosp.A	Verticale	SLE RA 1	-0.1036	-0.93	No	21	360000	15	17043.9444	Si
346 Prosp.A	Verticale	SLE RA 10	-0.1024	-1.07	No	20	360000	15	17946.5411	Si
351 Prosp.A	Verticale	SLE RA 1	0.0184	-0.03	No	20	360000	15	18105.6329	Si
287 Prosp.A	Verticale	SLE RA 3	-0.132	-1.57	No	19	360000	15	18768.0499	Si
475 Prosp.A	Verticale	SLE RA 1	-0.0509	-0.36	No	19	360000	15	19240.0919	Si
347 Prosp.A	Verticale	SLE RA 3	0.0294	-0.11	No	18	360000	15	19540.487	Si
390 Prosp.A	Verticale	SLE RA 3	-0.011	0.18	No	16	360000	15	22798.4857	Si
352 Prosp.A	Verticale	SLE RA 1	-0.0342	-0.29	No	15	360000	15	23513.9957	Si
158 Prosp.A	Verticale	SLE RA 7	0.1983	-2.52	No	15	360000	15	23955.9205	Si
421 Prosp.A	Verticale	SLE RA 3	0.0541	-1.04	No	-15	360000	15	24752.4667	Si
497 Prosp.A	Verticale	SLE RA 1	-0.0275	-0.21	No	15	360000	15	24770.8282	Si
364 Prosp.A	Verticale	SLE RA 3	-0.0053	0.23	No	14	360000	15	25001.1952	Si
416 Prosp.A	Verticale	SLE RA 11	-0.0106	-0.45	No	-14	360000	15	25520.4065	Si
356 Prosp.A	Verticale	SLE RA 1	-0.0079	-0.23	No	-12	360000	15	30542.6334	Si
360 Prosp.A	Verticale	SLE RA 1	-0.0712	-0.73	No	10	360000	15	35166.305	Si
359 Prosp.A	Verticale	SLE RA 1	-0.0535	-0.51	No	9	360000	15	38311.5676	Si
405 Prosp.A	Verticale	SLE RA 1	-0.0533	-0.57	No	9	360000	15	39854.8345	Si
360 Prosp.A	Verticale	SLE RA 1	0.0083	-0.29	No	-8	360000	15	43605.2239	Si
421 Prosp.A	Verticale	SLE RA 1	-0.021	-0.11	No	8	360000	15	46317.0327	Si
411 Prosp.A	Verticale	SLE RA 1	-0.0681	-0.76	No	7	360000	15	48626.8134	Si
409 Prosp.A	Verticale	SLE RA 1	0.0149	-0.35	No	-7	360000	15	50593.8177	Si
405 Prosp.A	Verticale	SLE RA 6	0.0003	-0.09	No	-6	360000	15	63211.253	Si
416 Prosp.A	Orizzontale	SLE RA 1	-0.0001	-0.11	No	-5	360000	15	69442.9503	Si
346 Prosp.A	Verticale	SLE RA 1	0.0282	-0.3	No	5	360000	15	72657.4509	Si
287 Prosp.A	Verticale	SLE RA 11	0	-0.05	No	-5	360000	15	73885.109	Si
497 Prosp.A	Verticale	SLE RA 3	0.0075	-0.15	No	-5	360000	15	78020.9614	Si
409 Prosp.A	Verticale	SLE RA 1	-0.0206	-0.35	No	-4	360000	15	100179.2107	Si
404 Prosp.A	Verticale	SLE RA 1	-0.0403	-0.48	No	3	360000	15	107098.4786	Si
411 Prosp.A	Verticale	SLE RA 5	0.0047	-0.13	No	-3	360000	15	119520.8951	Si
352 Prosp.A	Verticale	SLE RA 5	0.0003	-0.02	No	-1	360000	15	307284.9107	Si
359 Prosp.A	Verticale	SLE RA 2	0.0359	-0.5	No	-1	360000	15	441564.4825	Si
404 Prosp.A	Verticale	SLE RA 5	0.0008	0	No	0	360000	15	723050.3103	Si
351 Prosp.A	Verticale	SLE RA 1	-0.0185	-0.25	No	0	360000	15	1000000	Si

Parete FILI 2-7

Verifiche condotte secondo D.M. 17-01-18 (N.T.C.)

Geometria

**Caratteristiche dei materiali**

Acciaio: B450C Fyk 450000

Calcestruzzo: C28/35 Rck 35000

Livelli significativi

Descrizione breve	Descrizione	Quota	Spessore
L1	Livello platea ribassata	-2.5	0
L2	Platea di fondazione	-0.55	0

Verifiche nei nodi**Sezioni rettangolari**

Descrizione	Dir.	Base	Altezza	As,sup	As,inf	c,sup	c,inf
291 Prosp.A	Verticale	0.5	0.3	0.000462	0.000462	0.047	0.047
174 Prosp.A	Verticale	0.5	0.3	0.000462	0.000462	0.047	0.047
127 Prosp.A	Verticale	0.9875	0.3	0.00077	0.00077	0.047	0.047
123 Prosp.A	Verticale	0.9875	0.3	0.00077	0.00077	0.047	0.047

Descrizione	Dir.	Base	Altezza	As,sup	As,inf	c,sup	c,inf
272 Prosp.A	Verticale	0.5	0.3	0.000462	0.000462	0.047	0.047
195 Prosp.A	Verticale	0.5	0.3	0.000462	0.000462	0.047	0.047
126 Prosp.A	Verticale	0.9875	0.3	0.00077	0.00077	0.047	0.047
124 Prosp.A	Verticale	0.9875	0.3	0.00077	0.00077	0.047	0.047
240 Prosp.A	Verticale	0.5	0.3	0.000462	0.000462	0.047	0.047
126 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
128 Prosp.A	Orizzontale	0.5	0.3	0.000462	0.000462	0.0631	0.0631
61 Prosp.A	Orizzontale	0.5	0.3	0.000462	0.000462	0.0631	0.0631
125 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
127 Prosp.A	Orizzontale	0.8667	0.3	0.00077	0.00077	0.0622	0.0622
12 Prosp.A	Orizzontale	0.5	0.3	0.000462	0.000462	0.0631	0.0631
124 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
125 Prosp.A	Verticale	0.9875	0.3	0.00077	0.00077	0.047	0.047
108 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
122 Prosp.A	Orizzontale	0.5	0.3	0.000462	0.000462	0.0631	0.0631
56 Prosp.A	Orizzontale	0.8667	0.3	0.00077	0.00077	0.0622	0.0622
26 Prosp.A	Orizzontale	0.8667	0.3	0.00077	0.00077	0.0622	0.0622
123 Prosp.A	Orizzontale	0.8667	0.3	0.00077	0.00077	0.0622	0.0622
104 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
103 Prosp.A	Orizzontale	0.5	0.3	0.000462	0.000462	0.0631	0.0631
109 Prosp.A	Orizzontale	0.5	0.3	0.000462	0.000462	0.0631	0.0631
50 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
34 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
85 Prosp.A	Verticale	0.9875	0.3	0.00077	0.00077	0.047	0.047
108 Prosp.A	Orizzontale	0.8667	0.3	0.00077	0.00077	0.0622	0.0622
104 Prosp.A	Orizzontale	0.8667	0.3	0.00077	0.00077	0.0622	0.0622
41 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
89 Prosp.A	Verticale	0.9875	0.3	0.00077	0.00077	0.047	0.047
90 Prosp.A	Orizzontale	0.5	0.3	0.000462	0.000462	0.0631	0.0631
26 Prosp.A	Verticale	0.5	0.3	0.000385	0.000385	0.047	0.047
84 Prosp.A	Orizzontale	0.5	0.3	0.000462	0.000462	0.0631	0.0631
106 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
89 Prosp.A	Orizzontale	0.8667	0.3	0.00077	0.00077	0.0622	0.0622
107 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
105 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
107 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
34 Prosp.A	Verticale	0.5	0.3	0.000385	0.000385	0.047	0.047
86 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
88 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
87 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
105 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
85 Prosp.A	Orizzontale	0.8667	0.3	0.00077	0.00077	0.0622	0.0622
41 Prosp.A	Verticale	0.5	0.3	0.000385	0.000385	0.047	0.047
50 Prosp.A	Verticale	0.5	0.3	0.000385	0.000385	0.047	0.047
106 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
56 Prosp.A	Verticale	0.5	0.3	0.000385	0.000385	0.047	0.047
88 Prosp.A	Verticale	0.9875	0.3	0.00077	0.00077	0.047	0.047
86 Prosp.A	Verticale	0.9875	0.3	0.00077	0.00077	0.047	0.047
87 Prosp.A	Verticale	0.9875	0.3	0.00077	0.00077	0.047	0.047

Verifiche a flessione SLU D.M. 17-01-18 §4.1.2.3.4.2

La struttura è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione, per le combinazioni SLV, viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
291 Prosp.A	Verticale	SLV 7	-1.3267	13.72	-18.2782	188.97	13.7767	Si
174 Prosp.A	Verticale	SLV 5	-1.3226	12.68	-19.0698	182.77	14.4187	Si
127 Prosp.A	Verticale	SLV 7	-2.1595	10.61	-43.4468	213.5	20.1193	Si
123 Prosp.A	Verticale	SLV 5	-2.1194	9.89	-44.2917	206.76	20.8981	Si
272 Prosp.A	Verticale	SLV 11	-1.0071	6.28	-23.5921	147.04	23.4261	Si
195 Prosp.A	Verticale	SLV 9	-1.0361	5.49	-25.2392	133.83	24.3591	Si
126 Prosp.A	Verticale	SLV 11	-1.906	1.2	-64.467	40.45	33.8236	Si
124 Prosp.A	Verticale	SLV 9	-1.9338	0.03	-69.0825	1.03	35.7231	Si
240 Prosp.A	Verticale	SLV 11	-0.9152	1.55	-34.3926	58.3	37.5781	Si
126 Prosp.A	Orizzontale	SLV 11	-2.4622	-7.03	-95.5482	-272.89	38.8054	Si
128 Prosp.A	Orizzontale	SLV 3	0.4221	3.19	20.2891	153.22	48.0678	Si
61 Prosp.A	Orizzontale	SLV 7	-1.94	-16.38	-96.2647	-812.9	49.6211	Si
125 Prosp.A	Orizzontale	SLV 15	-2.9499	-16.22	-148.9536	-819.13	50.494	Si
127 Prosp.A	Orizzontale	SLV 7	-1.0981	1.47	-55.7043	74.68	50.7289	Si
12 Prosp.A	Orizzontale	SLV 5	-1.8464	-15.07	-95.9546	-783.25	51.9698	Si
124 Prosp.A	Orizzontale	SLV 9	-2.0715	-7.93	-111.4472	-426.59	53.8004	Si
125 Prosp.A	Verticale	SLV 11	-1.7275	-4.62	-98.6685	-263.83	57.117	Si
108 Prosp.A	Verticale	SLV 5	1.9836	-7.63	119.1258	-458.52	60.0562	Si
122 Prosp.A	Orizzontale	SLV 1	0.4366	1.64	26.6447	100.07	61.0235	Si
56 Prosp.A	Orizzontale	SLV 3	-2.5854	-17.66	-162.3893	-1109.19	62.8093	Si
128 Prosp.A	Orizzontale	SLV 7	-0.4415	1.36	-28.1797	87.03	63.8344	Si
26 Prosp.A	Orizzontale	SLV 1	-2.4642	-16.9	-162.46	-1114.23	65.9291	Si
123 Prosp.A	Orizzontale	SLV 5	-0.8659	0.93	-57.201	61.57	66.0616	Si
127 Prosp.A	Orizzontale	SLV 3	0.6925	2.34	46.2101	156.15	66.7253	Si
104 Prosp.A	Verticale	SLV 7	1.8424	-7.47	123.3084	-499.87	66.9265	Si
103 Prosp.A	Orizzontale	SLV 15	0.6771	-27.11	52.4034	-2098.38	77.3984	Si
109 Prosp.A	Orizzontale	SLV 13	0.705	-26.21	55.3528	-2057.46	78.5123	Si
123 Prosp.A	Orizzontale	SLV 1	0.7168	0.63	58.3707	51.37	81.4324	Si
50 Prosp.A	Orizzontale	SLV 3	-2.1765	-15.68	-182.8961	-1317.33	84.032	Si
122 Prosp.A	Orizzontale	SLV 5	-0.3344	0.99	-28.4708	84.51	85.1365	Si
34 Prosp.A	Orizzontale	SLV 3	-2.0771	-16.03	-184.659	-1424.71	88.9015	Si
85 Prosp.A	Verticale	SLV 11	1.4512	-6.73	136.0545	-630.88	93.7522	Si
108 Prosp.A	Orizzontale	SLV 9	1.198	-35.26	112.6943	-3316.51	94.0662	Si
104 Prosp.A	Orizzontale	SLV 11	1.0784	-36.38	102.4898	-3457.38	95.0372	Si
41 Prosp.A	Orizzontale	SLV 3	-1.9012	-16.94	-188.1855	-1676.48	98.9813	Si
89 Prosp.A	Verticale	SLV 9	1.3355	-6.3	137.9448	-650.51	103.2939	Si
90 Prosp.A	Orizzontale	SLV 15	0.3028	-22	32.1631	-2336.82	106.2207	Si
26 Prosp.A	Verticale	SLV 11	0.4896	-1.67	55.4178	-188.99	113.1912	Si
84 Prosp.A	Orizzontale	SLV 15	-0.2991	-18.73	-36.9418	-2313.66	123.4984	Si
106 Prosp.A	Verticale	SLV 9	-1.6064	-12.83	-198.723	-1587.43	123.7082	Si
89 Prosp.A	Orizzontale	SLV 15	0.4648	-32.43	57.7054	-4026.39	124.1548	Si
107 Prosp.A	Orizzontale	SLV 9	1.0994	-29.12	137.6257	-3644.81	125.1772	Si
105 Prosp.A	Verticale	SLV 9	-1.5659	-13.02	-199.2584	-1656.24	127.2493	Si
107 Prosp.A	Verticale	SLV 11	-1.5492	-12.93	-199.3139	-1663.96	128.6588	Si
34 Prosp.A	Verticale	SLV 11	0.4813	-1.98	62.2748	-256.12	129.3763	Si
108 Prosp.A	Verticale	SLV 7	-1.5127	-11.73	-198.2903	-1537.41	131.087	Si

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
104 Prosp.A	Verticale	SLV 5	-1.5039	-11.96	-198.6623	-1580.22	132.0997	Si
41 Prosp.A	Orizzontale	SLV 13	0.9541	-28.46	127.047	-3789.75	133.1572	Si
127 Prosp.A	Verticale	SLV 5	1.2538	-7.33	168.3989	-984.86	134.315	Si
86 Prosp.A	Orizzontale	SLU 3	-0.5853	-33.56	-79.4107	-4553.17	135.6803	Si
88 Prosp.A	Orizzontale	SLU 3	-0.5916	-33.38	-80.7101	-4553.17	136.4179	Si
87 Prosp.A	Orizzontale	SLU 3	-0.5777	-33.07	-79.5435	-4553.17	137.6845	Si
88 Prosp.A	Orizzontale	SLV 13	0.717	-29.7	100.3318	-4156.46	139.934	Si
84 Prosp.A	Orizzontale	SLV 5	0.3502	-15.78	43.0766	-2228.03	141.1511	Si
105 Prosp.A	Orizzontale	SLU 7	0.5604	-31.9	80.0018	-4553.17	142.7474	Si
85 Prosp.A	Orizzontale	SLV 11	-0.7303	-23.97	-104.4831	-3429.91	143.0666	Si
41 Prosp.A	Verticale	SLV 5	-0.4722	-2.25	-69.7061	-331.93	147.6286	Si
126 Prosp.A	Orizzontale	SLV 3	0.714	-2.55	106.8395	-381.36	149.6256	Si
50 Prosp.A	Verticale	SLV 9	0.4819	-2.39	72.3039	-359.24	150.047	Si
87 Prosp.A	Orizzontale	SLV 13	0.5277	-29.12	80.3071	-4432.37	152.1927	Si
86 Prosp.A	Orizzontale	SLV 13	0.3781	-29.51	58.3307	-4553.17	154.2888	Si
106 Prosp.A	Orizzontale	SLU 7	0.3137	-28.76	49.6627	-4553.17	158.3102	Si
124 Prosp.A	Orizzontale	SLV 1	0.7547	-3.25	120.8002	-520.21	160.0728	Si
85 Prosp.A	Orizzontale	SLV 13	0.2399	-25.05	38.5618	-4026.39	160.7212	Si
56 Prosp.A	Verticale	SLV 9	0.4278	-2.01	68.7918	-322.42	160.8065	Si
123 Prosp.A	Verticale	SLV 7	1.1163	-7.07	182.6544	-1156.13	163.6193	Si
106 Prosp.A	Orizzontale	SLU 3	-0.2755	-27.73	-45.237	-4553.17	164.2067	Si
89 Prosp.A	Orizzontale	SLU 3	-0.4154	-23.88	-70.0515	-4026.39	168.6394	Si
88 Prosp.A	Verticale	SLV 7	-1.14	-10.33	-198.2026	-1796.66	173.8589	Si
34 Prosp.A	Orizzontale	SLV 15	0.7363	-21.27	129.8349	-3751.45	176.3337	Si
86 Prosp.A	Verticale	SLV 5	-1.1231	-10.13	-198.168	-1787.79	176.4454	Si
87 Prosp.A	Verticale	SLV 5	-1.0609	-7.84	-195.7533	-1446.64	184.513	Si
90 Prosp.A	Orizzontale	SLU 3	-0.168	-12.22	-32.1286	-2336.82	191.1943	Si
89 Prosp.A	Verticale	SLV 11	-0.9717	-12.34	-194.0562	-2464.58	199.7095	Si
50 Prosp.A	Orizzontale	SLV 13	0.6391	-18.75	128.4912	-3769.91	201.0377	Si
85 Prosp.A	Verticale	SLV 9	-0.9143	-12.69	-190.2052	-2639.04	208.0368	Si
56 Prosp.A	Verticale	SLV 7	-0.4786	-4.69	-100.2544	-983.38	209.464	Si
50 Prosp.A	Verticale	SLV 7	-0.4741	-4.29	-100.078	-905.96	211.0904	Si
34 Prosp.A	Verticale	SLV 5	-0.4493	-4.34	-100.2453	-969.34	223.1325	Si
104 Prosp.A	Orizzontale	SLV 15	-0.3131	-16.96	-71.6972	-3883.89	229.0114	Si
103 Prosp.A	Orizzontale	SLV 13	-0.1815	-9.54	-42.5441	-2235.46	234.3845	Si
26 Prosp.A	Verticale	SLV 5	-0.4204	-4.92	-99.3048	-1162.18	236.2256	Si
105 Prosp.A	Orizzontale	SLV 15	-0.3667	-17.41	-90.407	-4293.14	246.5522	Si
125 Prosp.A	Orizzontale	SLV 1	0.721	-9.21	189.0622	-2416.37	262.2322	Si
107 Prosp.A	Orizzontale	SLU 3	-0.1752	-17.13	-46.5621	-4553.17	265.7892	Si
291 Prosp.A	Verticale	SLV 5	0.2899	-6.51	79.2347	-1779.83	273.3116	Si
108 Prosp.A	Orizzontale	SLV 15	-0.1642	-13.18	-50.1515	-4026.39	305.401	Si
86 Prosp.A	Verticale	SLV 11	0.5775	-3.8	190.2318	-1252.65	329.4282	Si
174 Prosp.A	Verticale	SLV 7	0.2322	-5.44	77.203	-1808.86	332.5206	Si
88 Prosp.A	Verticale	SLV 9	0.5786	-4.32	195.916	-1464	338.6117	Si
26 Prosp.A	Orizzontale	SLV 15	0.2875	-10.36	97.7541	-3522.79	340.0471	Si
109 Prosp.A	Orizzontale	SLV 15	-0.0803	-6.69	-28.0764	-2336.82	349.5579	Si
56 Prosp.A	Orizzontale	SLV 13	0.1923	-7.91	88.7328	-3647.59	461.3583	Si
41 Prosp.A	Verticale	SLV 9	0.0769	-0.05	37.5861	-25.65	488.7548	Si
87 Prosp.A	Verticale	SLV 9	0.0769	-0.05	75.1162	-51.27	976.7808	Si
107 Prosp.A	Verticale	SLV 9	0.1339	-2.24	180.5439	-3013.93	1348.4048	Si
105 Prosp.A	Verticale	SLV 11	0.1325	-2.16	182.3815	-2969.41	1376.5153	Si
12 Prosp.A	Orizzontale	SLV 15	0.0004	-0.34	2.7682	-2336.82	6893.2731	Si

Verifiche a flessione SLD Resistenza D.M. 17-01-18 §4.1.2.3.4.2

La struttura è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
291 Prosp.A	Verticale	SLD 7	-0.9297	4.39	-26.395	124.5	28.3896	Si
174 Prosp.A	Verticale	SLD 5	-0.9525	3.78	-28.0208	111.25	29.4197	Si
272 Prosp.A	Verticale	SLD 11	-0.8333	2.36	-30.8933	87.61	37.0721	Si
195 Prosp.A	Verticale	SLD 9	-0.8437	1.98	-32.304	75.85	38.2904	Si
123 Prosp.A	Verticale	SLD 9	-1.612	-0.78	-73.3236	-35.64	45.4855	Si
127 Prosp.A	Verticale	SLD 7	-1.3486	1.32	-62.0617	60.78	46.0183	Si
240 Prosp.A	Verticale	SLD 11	-0.7232	0.37	-38.869	19.99	53.7447	Si
126 Prosp.A	Verticale	SLD 11	-1.466	-2.81	-88.4167	-169.65	60.3127	Si
61 Prosp.A	Orizzontale	SLD 7	-1.5858	-15.49	-97.2917	-950.12	61.3522	Si
124 Prosp.A	Verticale	SLD 9	-1.4797	-3.46	-93.884	-219.55	63.4466	Si
12 Prosp.A	Orizzontale	SLD 5	-1.4414	-14.3	-97.3578	-965.96	67.5462	Si
56 Prosp.A	Orizzontale	SLD 3	-2.0485	-19.9	-167.9593	-1631.99	81.9926	Si
125 Prosp.A	Orizzontale	SLD 15	-2.0686	-13.94	-181.2396	-1220.94	87.6126	Si
125 Prosp.A	Verticale	SLD 11	-1.3639	-5.39	-120.9942	-478.32	88.7119	Si
26 Prosp.A	Orizzontale	SLD 1	-1.8797	-19.14	-168.2893	-1713.36	89.5321	Si
103 Prosp.A	Orizzontale	SLD 15	0.5686	-20.56	56.4729	-2041.91	99.3199	Si
126 Prosp.A	Orizzontale	SLD 11	-1.6914	-10.6	-170.1784	-1066.8	100.6161	Si
109 Prosp.A	Orizzontale	SLD 13	0.5607	-19.62	57.8227	-2023.21	103.1189	Si
124 Prosp.A	Orizzontale	SLD 13	-1.7504	-17.59	-190.3126	-1912.85	108.728	Si
128 Prosp.A	Orizzontale	SLD 9	0.4391	-18.42	50.6184	-2123.15	115.2674	Si
90 Prosp.A	Orizzontale	SLD 15	0.2651	-19.75	31.362	-2336.82	118.2944	Si
122 Prosp.A	Orizzontale	SLD 7	0.4137	-17.72	49.8146	-2134.27	120.4222	Si
104 Prosp.A	Orizzontale	SLD 11	0.8175	-28.56	99.9545	-3492.36	122.2717	Si
108 Prosp.A	Orizzontale	SLD 9	0.884	-27.4	108.767	-3370.79	123.0405	Si
50 Prosp.A	Orizzontale	SLD 3	-1.5149	-18.58	-189.9429	-2330.21	125.3856	Si
34 Prosp.A	Orizzontale	SLD 3	-1.4282	-18.94	-188.014	-2493.36	131.6409	Si
89 Prosp.A	Orizzontale	SLD 15	0.3777	-28.92	52.5848	-4026.39	139.215	Si
41 Prosp.A	Orizzontale	SLD 3	-1.1892	-19.8	-176.5826	-2940.33	148.4917	Si
127 Prosp.A	Orizzontale	SLD 11	-1.0419	-6.38	-155.6993	-953.26	149.4443	Si
84 Prosp.A	Orizzontale	SLD 9	0.2554	-15.1	38.71	-2288.95	151.5609	Si
107 Prosp.A	Orizzontale	SLD 9	0.7812	-23.58	126.0264	-3803.68	161.3341	Si
106 Prosp.A	Verticale	SLD 9	-1.235	-11.99	-200.4982	-1947.06	162.3496	Si
105 Prosp.A	Verticale	SLD 15	-1.221	-14.2	-198.7601	-2310.95	162.7879	Si
107 Prosp.A	Verticale	SLD 13	-1.2095	-14.24	-198.4601	-2337.05	164.0813	Si
123 Prosp.A	Orizzontale	SLD 13	-1.0023	-12.29	-167.2247	-2049.95	166.8376	Si
108 Prosp.A	Verticale	SLD 9	1.1925	-10.77	200.1405	-1808.18	167.8375	Si
86 Prosp.A	Orizzontale	SLD 11	-0.5909	-24.32	-100.8365	-4149.58	170.6501	Si
88 Prosp.A	Orizzontale	SLD 13	0.4302	-26.23	74.1037	-4518.03	172.2731	Si
88 Prosp.A	Orizzontale	SLD 9	-0.5664	-23.9	-98.9509	-4175.56	174.6871	Si
87 Prosp.A	Orizzontale	SLD 15	0.2288	-25.9	40.2252	-4553.17	175.7982	Si
105 Prosp.A	Orizzontale	SLD 7	0.6845	-21.09	124.2381	-3828.21	181.4911	Si
104 Prosp.A	Verticale	SLD 11	1.0867	-8.69	198.7395	-1589.45	182.8808	Si
87 Prosp.A	Orizzontale	SLD 11	-0.4356	-23.63	-81.4266	-4416.93	186.9426	Si

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
85 Prosp.A	Orizzontale	SLD 11	-0.4358	-19.27	-83.9917	-3713.28	192.7349	Si
127 Prosp.A	Orizzontale	SLD 9	0.4391	-18.42	87.4019	-3666	199.0303	Si
104 Prosp.A	Verticale	SLD 9	-0.9701	-10.83	-199.5505	-2227.34	205.71	Si
84 Prosp.A	Orizzontale	SLD 15	-0.1201	-11.25	-24.9546	-2336.82	207.7159	Si
123 Prosp.A	Orizzontale	SLD 7	0.4137	-17.58	86.5426	-3677.91	209.1864	Si
89 Prosp.A	Orizzontale	SLD 9	-0.4536	-16.97	-95.1367	-3558.93	209.7491	Si
106 Prosp.A	Orizzontale	SLD 9	0.4087	-20.07	88.0767	-4325.22	215.5207	Si
41 Prosp.A	Orizzontale	SLD 15	0.2931	-20.71	64.4294	-4553.17	219.8286	Si
108 Prosp.A	Verticale	SLD 11	-0.8697	-10.99	-196.3478	-2480.11	225.7636	Si
89 Prosp.A	Verticale	SLD 9	0.8715	-8.5	198.4904	-1934.96	227.7599	Si
85 Prosp.A	Verticale	SLD 11	0.8661	-8.11	198.3863	-1856.72	229.0542	Si
85 Prosp.A	Orizzontale	SLD 13	0.0906	-17.1	21.3361	-4026.39	235.4943	Si
50 Prosp.A	Verticale	SLD 9	-0.3006	-1.5	-72.5687	-362.06	241.3876	Si
87 Prosp.A	Verticale	SLD 5	-0.8201	-8.04	-198.4919	-1944.85	242.0375	Si
90 Prosp.A	Orizzontale	SLD 9	-0.1777	-8.66	-45.1406	-2199.29	254.0754	Si
88 Prosp.A	Verticale	SLD 9	-0.7672	-7.28	-198.4398	-1883.45	258.6474	Si
86 Prosp.A	Orizzontale	SLD 15	0.1511	-17.5	39.3042	-4553.17	260.201	Si
122 Prosp.A	Orizzontale	SLD 13	-0.2669	-7.13	-69.6497	-1859.63	260.9144	Si
86 Prosp.A	Verticale	SLD 11	-0.753	-7.45	-198.4872	-1963.92	263.6051	Si
128 Prosp.A	Orizzontale	SLD 15	-0.2854	-6.59	-76.3414	-1763.19	267.5165	Si
89 Prosp.A	Verticale	SLD 11	-0.6598	-10.99	-178.7175	-2977.16	270.8803	Si
85 Prosp.A	Verticale	SLD 9	-0.6492	-11.1	-176.7784	-3021.85	272.3126	Si
34 Prosp.A	Verticale	SLD 7	-0.3086	-1.85	-86.9342	-522.63	281.7476	Si
34 Prosp.A	Orizzontale	SLD 15	0.2583	-15.68	74.3689	-4514.44	287.9654	Si
56 Prosp.A	Verticale	SLD 7	-0.3236	-4.02	-98.445	-1224.09	304.2172	Si
106 Prosp.A	Orizzontale	SLD 13	-0.1145	-14.24	-36.6279	-4553.17	319.8391	Si
127 Prosp.A	Verticale	SLD 5	0.6018	-4.08	194.492	-1319.818	323.201	Si
41 Prosp.A	Verticale	SLD 5	-0.302	-3.06	-100.2342	-1015.28	331.9129	Si
104 Prosp.A	Orizzontale	SLD 13	-0.1345	-12.12	-44.6666	-4026.39	332.1892	Si
103 Prosp.A	Orizzontale	SLD 13	-0.0886	-6.82	-30.326	-2336.82	342.4564	Si
26 Prosp.A	Verticale	SLD 5	-0.2723	-4.11	-93.7407	-1415.27	344.3024	Si
105 Prosp.A	Orizzontale	SLD 13	-0.1126	-13.13	-39.0615	-4553.17	346.8518	Si
50 Prosp.A	Orizzontale	SLD 15	0.1705	-12.22	63.5159	-4553.17	372.6209	Si
123 Prosp.A	Verticale	SLD 7	0.515	-3.54	194.6811	-1338.24	377.9867	Si
26 Prosp.A	Verticale	SLD 11	0.2579	-2.48	100.2384	-963.57	388.7125	Si
56 Prosp.A	Verticale	SLD 9	0.2403	-2.68	99.7924	-1111.49	415.3434	Si
126 Prosp.A	Orizzontale	SLD 5	0.1849	-9.88	82.3854	-4403.68	445.6105	Si
124 Prosp.A	Orizzontale	SLD 7	0.1223	-8.89	62.62	-4553.17	511.9738	Si
107 Prosp.A	Orizzontale	SLD 11	-0.0949	-8.59	-50.3176	-4553.17	529.9984	Si
109 Prosp.A	Orizzontale	SLD 15	-0.0323	-4.24	-17.7901	-2336.82	550.7866	Si
26 Prosp.A	Orizzontale	SLD 15	0.0743	-5.82	51.3974	-4026.39	691.6017	Si
34 Prosp.A	Verticale	SLD 15	0.026	0.18	18.8523	129.53	724.9842	Si
291 Prosp.A	Verticale	SLD 5	0.0652	-3.01	47.7394	-2204.85	731.6853	Si
108 Prosp.A	Orizzontale	SLD 11	-0.0159	-4.38	-14.5775	-4026.39	918.4876	Si
50 Prosp.A	Verticale	SLD 13	0.0189	0.13	18.5173	132.15	980.9736	Si
174 Prosp.A	Verticale	SLD 7	0.0398	-2.15	42.1931	-2279.37	1058.8059	Si
86 Prosp.A	Verticale	SLD 15	0.026	0.18	37.698	259.02	1449.717	Si
56 Prosp.A	Orizzontale	SLD 15	0.0083	-2.43	13.7264	-4026.39	1659.4936	Si
88 Prosp.A	Verticale	SLD 13	0.0189	0.13	37.0299	264.27	1961.6959	Si
41 Prosp.A	Verticale	SLD 9	0.0349	-0.17	71.1278	-346.81	2037.7353	Si
87 Prosp.A	Verticale	SLD 9	0.0349	-0.17	141.8816	-691.8	4064.7541	Si
125 Prosp.A	Orizzontale	SLD 1	0.0017	-0.73	10.5203	-4553.17	6260.8898	Si

Verifiche a taglio SLU D.M. 17-01-18 §4.1.2.3.5

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
291 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 9	11.91	-23.74	-0.2515	66.01	326.24	0	66.01	2.5	0.0004618	5.5441	Si
174 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 11	-11.21	-23.03	-0.2537	65.92	326.15	0	65.92	2.5	0.0004618	5.8826	Si
128 Prosp.A	Orizzontale	0.237	0.5	Non necessaria	0	SLV 13	-9.06	-30.24	0.1178	64.84	306.34	0	64.84	2.5	0.0004618	7.1593	Si
127 Prosp.A	Verticale	0.253	0.988	Non necessaria	0	SLV 9	17.34	-26.61	0.7653	125.74	641.67	0	125.74	2.5	0.0007697	7.2519	Si
122 Prosp.A	Orizzontale	0.237	0.5	Non necessaria	0	SLV 15	-8.64	-30.55	0.0122	64.88	306.38	0	64.88	2.5	0.0004618	7.5108	Si
123 Prosp.A	Verticale	0.253	0.988	Non necessaria	0	SLV 11	-16.67	-25.95	0.6652	125.66	641.58	0	125.66	2.5	0.0007697	7.5397	Si
127 Prosp.A	Orizzontale	0.238	0.867	Non necessaria	0	SLV 13	-12.72	-38.07	-0.7383	109.48	531.06	0	109.48	2.5	0.0007697	8.6096	Si
123 Prosp.A	Orizzontale	0.238	0.867	Non necessaria	0	SLV 15	-12.11	-38.58	-0.8765	109.54	531.12	0	109.54	2.5	0.0007697	9.048	Si
126 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 9	-10.6	-26.57	-0.7315	122.63	613.78	0	122.63	2.5	0.0007697	11.5694	Si
124 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 15	-9.86	-26.07	-2.2463	122.57	613.72	0	122.57	2.5	0.0007697	12.4375	Si
125 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLU 7	-8.23	-21.53	-1.9091	122.03	613.16	0	122.03	2.5	0.0007697	14.835	Si
12 Prosp.A	Orizzontale	0.237	0.5	Non necessaria	0	SLV 1	4.03	-11.15	-1.7537	62.58	304	0	62.58	2.5	0.0004618	15.521	Si
84 Prosp.A	Orizzontale	0.237	0.5	Non necessaria	0	SLV 1	4.03	-13.96	0.2208	62.91	304.34	0	62.91	2.5	0.0004618	15.6036	Si
108 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 13	7.8	-11.57	0.9539	125.39	647.78	0	125.39	2.5	0.0007697	16.0685	Si
61 Prosp.A	Orizzontale	0.237	0.5	Non necessaria	0	SLU 7	3.75	-20.89	-1.7621	63.73	305.19	0	63.73	2.5	0.0004618	16.9878	Si
104 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 11	-7.33	-8.06	1.8858	124.94	647.32	0	124.94	2.5	0.0007697	17.0445	Si
90 Prosp.A	Orizzontale	0.237	0.5	Non necessaria	0	SLU 7	3.75	-24.96	-0.0514	64.21	305.69	0	64.21	2.5	0.0004618	17.1162	Si
26 Prosp.A	Orizzontale	0.238	0.867	Non necessaria	0	SLV 1	5.05	-16.9	-2.4642	106.96	528.46	0	106.96	2.5	0.0007697	21.1653	Si
85 Prosp.A	Orizzontale	0.238	0.867	Non necessaria	0	SLV 1	5.05	-19.13	0.0502	107.23	528.73	0	107.23	2.5	0.0007697	21.2178	Si
106 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 15	-5.32	-22.1	-0.2194	122.1	613.23	0	122.1	2.5	0.0007697	22.9523	Si
56 Prosp.A	Orizzontale	0.238	0.867	Non necessaria	0	SLV 3	4.65	-17.66	-2.5854	107.05	528.55	0	107.05	2.5	0.0007697	23.0393	Si
89 Prosp.A	Orizzontale	0.238	0.867	Non necessaria	0	SLV 3	4.65	-20.07	-0.1348	107.34	528.85	0	107.34	2.5	0.0007697	23.1011	Si
107 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 15	-4.72	-25.52	0.126	122.51	613.66	0	122.51	2.5	0.0007697	25.9352	Si

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
105 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 13	-4.5	-26.15	0.0795	122.58	613.73	0	122.58	2.5	0.0007697	27.2681	Si
107 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 9	4.53	-12.72	-0.8281	125.53	647.93	0	125.53	2.5	0.0007697	27.7187	Si
126 Prosp.A	Verticale	0.253	0.988	Non necessaria	0	SLV 9	4.27	-17.93	-1.5276	124.64	640.53	0	124.64	2.5	0.0007697	29.2002	Si
105 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 11	-4.17	-12.51	-0.854	125.5	647.9	0	125.5	2.5	0.0007697	30.1255	Si
124 Prosp.A	Verticale	0.253	0.988	Non necessaria	0	SLV 11	-3.86	-16.99	-1.547	124.52	640.41	0	124.52	2.5	0.0007697	32.2629	Si
89 Prosp.A	Verticale	0.253	0.987	Non necessaria	0	SLU 7	3.61	-13.83	0.5678	124.12	639.99	0	124.12	2.5	0.0007697	34.4298	Si
108 Prosp.A	Orizzontale	0.238	0.867	Non necessaria	0	SLV 15	-2.82	-23.19	0.3834	107.71	529.23	0	107.71	2.5	0.0007697	38.1695	Si
86 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 1	3.12	-15.77	-0.4587	121.34	612.45	0	121.34	2.5	0.0007697	38.9097	Si
34 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 1	3.12	-15.97	-2.0506	121.37	612.47	0	121.37	2.5	0.0007697	38.9172	Si
50 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 1	3.09	-15.69	-2.074	121.33	612.44	0	121.33	2.5	0.0007697	39.2146	Si
88 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 1	3.09	-15.92	-0.651	121.36	612.47	0	121.36	2.5	0.0007697	39.2233	Si
104 Prosp.A	Orizzontale	0.238	0.867	Non necessaria	0	SLV 13	-2.59	-24	0.3265	107.81	529.33	0	107.81	2.5	0.0007697	41.558	Si
85 Prosp.A	Verticale	0.253	0.988	Non necessaria	0	SLU 7	-2.95	-13.5	-0.0553	124.08	639.95	0	124.08	2.5	0.0007697	42.0409	Si
272 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 9	1.49	-10.31	-0.8112	64.31	324.48	0	64.31	2.5	0.0004618	43.2659	Si
109 Prosp.A	Orizzontale	0.237	0.5	Non necessaria	0	SLV 11	-1.4	-8.04	0.3043	62.21	303.62	0	62.21	2.5	0.0004618	44.5241	Si
195 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 11	-1.3	-9.47	-0.8096	64.2	324.37	0	64.2	2.5	0.0004618	49.5399	Si
26 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 1	-1.22	-4.19	-0.2863	62.49	323.68	0	62.49	2.5	0.0003848	51.2994	Si
87 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 1	2.33	-15.68	-0.6463	121.33	612.44	0	121.33	2.5	0.0007697	52.0752	Si
41 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 1	2.33	-16.92	-1.8291	121.48	612.59	0	121.48	2.5	0.0007697	52.1388	Si
56 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 3	1.08	-4.07	-0.3154	62.48	323.66	0	62.48	2.5	0.0003848	57.6264	Si
103 Prosp.A	Orizzontale	0.237	0.5	Non necessaria	0	SLV 9	-1.02	-8.93	0.3298	62.31	303.73	0	62.31	2.5	0.0004618	61.1367	Si
88 Prosp.A	Verticale	0.253	0.987	Non necessaria	0	SLV 9	1.89	-6.8	0.1123	123.23	639.07	0	123.23	2.5	0.0007697	65.315	Si
86 Prosp.A	Verticale	0.253	0.987	Non necessaria	0	SLV 11	-1.75	-6.65	0.1548	123.21	639.05	0	123.21	2.5	0.0007697	70.3411	Si
106 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 9	1.54	-12.83	-1.6064	125.54	647.94	0	125.54	2.5	0.0007697	81.7394	Si
240 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLU 7	0.76	-2.51	-0.8489	63.32	323.46	0	63.32	2.5	0.0004618	83.1721	Si
125 Prosp.A	Verticale	0.253	0.988	Non necessaria	0	SLV 9	1.26	-10.54	-1.6916	123.71	639.56	0	123.71	2.5	0.0007697	98.2726	Si
87 Prosp.A	Verticale	0.253	0.987	Non necessaria	0	SLV 11	-1.04	-8.14	-0.9296	123.4	639.25	0	123.4	2.5	0.0007697	119.117	Si
34 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 9	0.48	-3.61	-0.3511	62.42	323.6	0	62.42	2.5	0.0003848	128.8312	Si
50 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 15	-0.33	-2.89	-0.1227	62.33	323.51	0	62.33	2.5	0.0003848	186.6167	Si
41 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 11	-0.3	-2.53	-0.4411	62.28	323.46	0	62.28	2.5	0.0003848	210.7925	Si

Verifiche a taglio SLD Resistenza D.M. 17-01-18 §4.1.2.3.5

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
291 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 9	7.61	-14.41	-0.3291	64.83	325.02	0	64.83	2.5	0.0004618	8.5174	Si
174 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 11	-7.32	-14.14	-0.3543	64.79	324.98	0	64.79	2.5	0.0004618	8.8548	Si
128 Prosp.A	Orizzontale	0.237	0.5	Non necessaria	0	SLD 13	-6.9	-21.92	0.1387	63.85	305.32	0	63.85	2.5	0.0004618	9.2597	Si
122 Prosp.A	Orizzontale	0.237	0.5	Non necessaria	0	SLD 15	-6.68	-22.54	0.0721	63.93	305.39	0	63.93	2.5	0.0004618	9.5635	Si
127 Prosp.A	Verticale	0.253	0.988	Non necessaria	0	SLD 9	11.72	-17.32	0.2215	124.56	640.45	0	124.56	2.5	0.0007697	10.626	Si
123 Prosp.A	Verticale	0.253	0.988	Non necessaria	0	SLD 11	-11.42	-17.01	0.1323	124.52	640.41	0	124.52	2.5	0.0007697	10.9083	Si
127 Prosp.A	Orizzontale	0.238	0.867	Non necessaria	0	SLD 13	-9.71	-28.01	-0.4925	108.28	529.82	0	108.28	2.5	0.0007697	11.1536	Si
123 Prosp.A	Orizzontale	0.238	0.867	Non necessaria	0	SLD 15	-9.42	-28.82	-0.5758	108.38	529.92	0	108.38	2.5	0.0007697	11.509	Si
126 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 9	-8.19	-20.4	-0.7467	121.9	613.02	0	121.9	2.5	0.0007697	14.8843	Si
124 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 15	-7.87	-20.39	-1.5901	121.9	613.02	0	121.9	2.5	0.0007697	15.4881	Si
125 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 13	-6.25	-14.03	-1.998	121.13	612.23	0	121.13	2.5	0.0007697	19.3938	Si
12 Prosp.A	Orizzontale	0.237	0.5	Non necessaria	0	SLD 1	3.21	-12.32	-1.4106	62.72	304.14	0	62.72	2.5	0.0004618	19.5466	Si
84 Prosp.A	Orizzontale	0.237	0.5	Non necessaria	0	SLD 1	3.21	-15.15	0.1071	63.05	304.49	0	63.05	2.5	0.0004618	19.651	Si
108 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 13	6.33	-10.55	0.6401	125.26	647.64	0	125.26	2.5	0.0007697	19.7751	Si
61 Prosp.A	Orizzontale	0.237	0.5	Non necessaria	0	SLD 3	3.15	-13.34	-1.5348	62.84	304.27	0	62.84	2.5	0.0004618	19.9619	Si
90 Prosp.A	Orizzontale	0.237	0.5	Non necessaria	0	SLD 3	3.15	-16.19	0.0051	63.17	304.62	0	63.17	2.5	0.0004618	20.0693	Si
104 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 11	-5.88	-8.69	1.0867	125.02	647.4	0	125.02	2.5	0.0007697	21.2463	Si
26 Prosp.A	Orizzontale	0.238	0.867	Non necessaria	0	SLD 1	3.87	-19.14	-1.8797	107.23	528.73	0	107.23	2.5	0.0007697	27.7095	Si
56 Prosp.A	Orizzontale	0.238	0.867	Non necessaria	0	SLD 3	3.87	-19.9	-2.0485	107.32	528.83	0	107.32	2.5	0.0007697	27.714	Si

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
85 Prosp.A	Orizzontale	0.238	0.867	Non necessaria	0	SLD 1	3.87	-21.76	-0.0479	107.54	529.05	0	107.54	2.5	0.0007697	27.79	Si
89 Prosp.A	Orizzontale	0.238	0.867	Non necessaria	0	SLD 3	3.87	-22.71	-0.1485	107.65	529.17	0	107.65	2.5	0.0007697	27.8001	Si
106 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 15	-3.91	-18.86	0.0413	121.71	612.83	0	121.71	2.5	0.0007697	31.0947	Si
107 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 15	-3.43	-21.82	0.2684	122.07	613.2	0	122.07	2.5	0.0007697	35.5465	Si
105 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 13	-3.29	-22.47	0.2315	122.14	613.28	0	122.14	2.5	0.0007697	37.1068	Si
107 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 9	3.32	-12.09	-1.1323	125.45	647.84	0	125.45	2.5	0.0007697	37.7949	Si
105 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 11	-3.06	-12	-1.1473	125.44	647.83	0	125.44	2.5	0.0007697	40.9484	Si
126 Prosp.A	Verticale	0.253	0.988	Non necessaria	0	SLD 9	3.01	-12.38	-1.1841	123.94	639.8	0	123.94	2.5	0.0007697	41.2046	Si
124 Prosp.A	Verticale	0.253	0.988	Non necessaria	0	SLD 11	-2.69	-11.98	-1.1764	123.89	639.75	0	123.89	2.5	0.0007697	46.0135	Si
89 Prosp.A	Verticale	0.253	0.987	Non necessaria	0	SLD 3	2.6	-9.62	-0.3626	123.59	639.44	0	123.59	2.5	0.0007697	47.4991	Si
108 Prosp.A	Orizzontale	0.238	0.867	Non necessaria	0	SLD 15	-2.02	-17.76	0.3747	107.07	528.56	0	107.07	2.5	0.0007697	53.1053	Si
85 Prosp.A	Verticale	0.253	0.988	Non necessaria	0	SLD 1	-2.33	-9.64	-0.3202	123.59	639.44	0	123.59	2.5	0.0007697	53.1466	Si
50 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 1	2.26	-18.59	-1.4986	121.68	612.8	0	121.68	2.5	0.0007697	53.9174	Si
88 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 1	2.26	-19.29	-0.4915	121.76	612.89	0	121.76	2.5	0.0007697	53.9548	Si
104 Prosp.A	Orizzontale	0.238	0.867	Non necessaria	0	SLD 13	-1.87	-20.29	0.3871	107.37	528.87	0	107.37	2.5	0.0007697	57.3906	Si
34 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 1	2.11	-18.92	-1.3893	121.72	612.84	0	121.72	2.5	0.0007697	57.7937	Si
86 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 1	2.11	-19.31	-0.3794	121.77	612.89	0	121.77	2.5	0.0007697	57.8161	Si
272 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 9	1.01	-5.95	-0.6094	63.76	323.91	0	63.76	2.5	0.0004618	63.195	Si
195 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 11	-0.85	-5.52	-0.5807	63.7	323.85	0	63.7	2.5	0.0004618	75.2346	Si
109 Prosp.A	Orizzontale	0.237	0.5	Non necessaria	0	SLD 11	-0.78	-9.41	0.2812	62.37	303.78	0	62.37	2.5	0.0004618	79.6042	Si
26 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 1	-0.77	-3.79	-0.1722	62.44	323.63	0	62.44	2.5	0.0003848	81.4014	Si
56 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 3	0.76	-3.71	-0.2413	62.43	323.62	0	62.43	2.5	0.0003848	82.5284	Si
88 Prosp.A	Verticale	0.253	0.987	Non necessaria	0	SLD 9	1.4	-7.69	-0.6746	123.34	639.19	0	123.34	2.5	0.0007697	87.8536	Si
87 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 1	1.37	-19.06	-0.4667	121.74	612.86	0	121.74	2.5	0.0007697	88.6447	Si
41 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 1	1.37	-19.79	-1.1494	121.82	612.95	0	121.82	2.5	0.0007697	88.7084	Si
86 Prosp.A	Verticale	0.253	0.987	Non necessaria	0	SLD 11	-1.29	-7.38	-0.6565	123.31	639.15	0	123.31	2.5	0.0007697	95.3977	Si
103 Prosp.A	Orizzontale	0.237	0.5	Non necessaria	0	SLD 9	-0.59	-10.24	0.2932	62.47	303.89	0	62.47	2.5	0.0004618	105.7255	Si
106 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 9	1.03	-11.99	-1.235	125.44	647.83	0	125.44	2.5	0.0007697	121.8896	Si
125 Prosp.A	Verticale	0.253	0.988	Non necessaria	0	SLD 9	0.97	-8.35	-1.286	123.43	639.28	0	123.43	2.5	0.0007697	126.6837	Si
240 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 9	0.49	-2.31	-0.6375	63.3	323.43	0	63.3	2.5	0.0004618	127.927	Si
34 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 9	0.33	-3.07	-0.2005	62.35	323.53	0	62.35	2.5	0.0003848	186.9634	Si
87 Prosp.A	Verticale	0.253	0.987	Non necessaria	0	SLD 11	-0.62	-7.99	-0.6948	123.38	639.23	0	123.38	2.5	0.0007697	198.6848	Si
50 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 15	-0.22	-2.96	-0.1612	62.34	323.52	0	62.34	2.5	0.0003848	283.8372	Si
41 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 11	-0.21	-2.71	-0.2621	62.3	323.49	0	62.3	2.5	0.0003848	298.556	Si

Verifiche SLE tensione calcestruzzo D.M. 17-01-18 §4.1.2.2.5.1

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	oc	oc limite	Es/Ec	c.s.	Verifica
61 Prosp.A	Orizzontale	SLE QP 4	-1.2557	-14.57	No	-242	13073	15	54.0071	Si
12 Prosp.A	Orizzontale	SLE QP 4	-1.0663	-13.51	No	-212	13073	15	61.5233	Si
56 Prosp.A	Orizzontale	SLE QP 4	-1.5782	-22.17	No	-190	13073	15	68.9628	Si
61 Prosp.A	Orizzontale	SLE RA 7	-1.2925	-15.02	No	-249	17430	15	69.9153	Si
26 Prosp.A	Orizzontale	SLE QP 4	-1.3301	-21.39	No	-169	13073	15	77.201	Si
12 Prosp.A	Orizzontale	SLE RA 7	-1.0983	-13.93	No	-219	17430	15	79.5991	Si
56 Prosp.A	Orizzontale	SLE RA 7	-1.6248	-22.88	No	-195	17430	15	89.2254	Si
103 Prosp.A	Orizzontale	SLE QP 4	0.4343	-13.95	No	-138	13073	15	94.6772	Si
26 Prosp.A	Orizzontale	SLE RA 7	-1.3697	-22.08	No	-175	17430	15	99.8634	Si
109 Prosp.A	Orizzontale	SLE QP 4	0.4142	-12.98	No	-130	13073	15	100.7857	Si
50 Prosp.A	Orizzontale	SLE QP 4	-0.9303	-21.52	No	-124	13073	15	105.4477	Si
34 Prosp.A	Orizzontale	SLE QP 4	-0.7809	-21.89	No	-116	13073	15	112.7787	Si
104 Prosp.A	Orizzontale	SLE QP 4	0.5481	-20.71	No	-112	13073	15	116.9221	Si
125 Prosp.A	Orizzontale	SLE QP 4	-1.0205	-15.22	No	-110	13073	15	118.821	Si
103 Prosp.A	Orizzontale	SLE RA 7	0.471	-14.39	No	-145	17430	15	119.9873	Si
108 Prosp.A	Orizzontale	SLE QP 4	0.5445	-19.5	No	-107	13073	15	121.8637	Si
109 Prosp.A	Orizzontale	SLE RA 7	0.4477	-13.42	No	-137	17430	15	127.6699	Si
41 Prosp.A	Orizzontale	SLE QP 4	-0.5172	-22.7	No	-102	13073	15	127.9827	Si
174 Prosp.A	Verticale	SLE QP 4	-0.5768	-5.18	No	-100	13073	15	131.2236	Si
124 Prosp.A	Orizzontale	SLE QP 4	-0.9381	-13.35	No	-99	13073	15	131.8447	Si
126 Prosp.A	Orizzontale	SLE QP 4	-0.943	-12.81	No	-98	13073	15	133.6661	Si
86 Prosp.A	Orizzontale	SLE QP 2	-0.4022	-23.11	No	-96	13073	15	135.7023	Si
88 Prosp.A	Orizzontale	SLE QP 2	-0.406	-22.96	No	-96	13073	15	136.0306	Si
50 Prosp.A	Orizzontale	SLE RA 7	-0.9528	-22.25	No	-128	17430	15	136.5933	Si
87 Prosp.A	Orizzontale	SLE QP 2	-0.3984	-22.7	No	-95	13073	15	137.8435	Si
128 Prosp.A	Orizzontale	SLE QP 3	0.279	-9.95	No	-95	13073	15	138	Si
122 Prosp.A	Orizzontale	SLE QP 3	0.2483	-10.55	No	-95	13073	15	138.0496	Si
291 Prosp.A	Verticale	SLE QP 4	-0.5283	-5.01	No	-93	13073	15	140.7471	Si
125 Prosp.A	Orizzontale	SLE RA 7	-1.2974	-13.88	No	-123	17430	15	141.7783	Si
105 Prosp.A	Verticale	SLE QP 4	-0.9383	-11.5	No	-92	13073	15	142.0715	Si

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	oc	oc limite	Es/Ec	c.s.	Verifica
107 Prosp.A	Verticale	SLE QP 4	-0.9173	-11.49	No	-91	13073	15	144.0874	Si
124 Prosp.A	Verticale	SLE QP 4	-1.1255	-6.96	No	-90	13073	15	144.8558	Si
107 Prosp.A	Orizzontale	SLE QP 4	0.4181	-20.79	No	-90	13073	15	145.03	Si
34 Prosp.A	Orizzontale	SLE RA 7	-0.7987	-22.63	No	-119	17430	15	146.1378	Si
105 Prosp.A	Orizzontale	SLE QP 4	0.3812	-21.24	No	-89	13073	15	146.4914	Si
126 Prosp.A	Verticale	SLE QP 4	-1.1148	-6.83	No	-89	13073	15	146.6019	Si
104 Prosp.A	Orizzontale	SLE RA 7	0.5956	-21.73	No	-119	17430	15	146.7946	Si
106 Prosp.A	Verticale	SLE QP 4	-0.879	-11.16	No	-87	13073	15	149.5869	Si
272 Prosp.A	Verticale	SLE QP 4	-0.6552	-1.58	No	-87	13073	15	150.454	Si
195 Prosp.A	Verticale	SLE QP 4	-0.6464	-1.56	No	-86	13073	15	152.4566	Si
108 Prosp.A	Orizzontale	SLE RA 7	0.5899	-20.51	No	-114	17430	15	152.8507	Si
124 Prosp.A	Orizzontale	SLE RA 7	-1.037	-15.47	No	-112	17430	15	155.8625	Si
126 Prosp.A	Orizzontale	SLE RA 7	-1.0402	-14.88	No	-110	17430	15	158.1858	Si
174 Prosp.A	Verticale	SLE RA 7	-0.6204	-5.89	No	-109	17430	15	159.7297	Si
125 Prosp.A	Verticale	SLE QP 4	-1.0278	-6.17	No	-82	13073	15	159.8026	Si
41 Prosp.A	Orizzontale	SLE RA 7	-0.5238	-23.48	No	-105	17430	15	166.0558	Si
89 Prosp.A	Orizzontale	SLE QP 2	-0.2837	-16.35	No	-78	13073	15	168.1265	Si
291 Prosp.A	Verticale	SLE RA 7	-0.5685	-5.74	No	-102	17430	15	170.7993	Si
128 Prosp.A	Orizzontale	SLE RA 10	0.312	-10.26	No	-101	17430	15	173.1255	Si
122 Prosp.A	Orizzontale	SLE RA 10	0.2794	-10.88	No	-100	17430	15	173.4483	Si
86 Prosp.A	Orizzontale	SLE RA 3	-0.4175	-23.98	No	-100	17430	15	174.3599	Si
124 Prosp.A	Verticale	SLE RA 7	-1.234	-7.91	No	-100	17430	15	174.6496	Si
88 Prosp.A	Orizzontale	SLE RA 3	-0.4218	-23.83	No	-100	17430	15	174.6895	Si
272 Prosp.A	Verticale	SLE RA 7	-0.7246	-2.25	No	-99	17430	15	175.7382	Si
126 Prosp.A	Verticale	SLE RA 7	-1.2221	-7.78	No	-99	17430	15	176.6416	Si
87 Prosp.A	Orizzontale	SLE RA 3	-0.414	-23.61	No	-99	17430	15	176.7978	Si
105 Prosp.A	Verticale	SLE RA 7	-1.0139	-12.01	No	-98	17430	15	177.6289	Si
195 Prosp.A	Verticale	SLE RA 7	-0.7155	-2.23	No	-98	17430	15	177.9194	Si
85 Prosp.A	Orizzontale	SLE QP 2	-0.2792	-15.21	No	-73	13073	15	178.0931	Si
107 Prosp.A	Verticale	SLE RA 7	-0.9909	-12	No	-97	17430	15	180.203	Si
107 Prosp.A	Orizzontale	SLE RA 7	0.4539	-21.93	No	-96	17430	15	181.8388	Si
106 Prosp.A	Orizzontale	SLE QP 4	0.2206	-18.82	No	-72	13073	15	181.912	Si
84 Prosp.A	Orizzontale	SLE QP 4	0.0943	-9.84	No	-72	13073	15	182.6409	Si
105 Prosp.A	Orizzontale	SLE RA 7	0.4154	-22.38	No	-95	17430	15	183.7037	Si
106 Prosp.A	Verticale	SLE RA 7	-0.9607	-11.55	No	-94	17430	15	186.3863	Si
90 Prosp.A	Orizzontale	SLE QP 4	0.0659	-10.15	No	-70	13073	15	186.7979	Si
123 Prosp.A	Orizzontale	SLE QP 2	-0.3771	-12.24	No	-70	13073	15	187.2645	Si
125 Prosp.A	Verticale	SLE RA 7	-1.1391	-7	No	-91	17430	15	191.1248	Si
88 Prosp.A	Verticale	SLE QP 4	-0.6446	-9.13	No	-68	13073	15	192.8862	Si
127 Prosp.A	Orizzontale	SLE QP 2	-0.375	-11.67	No	-68	13073	15	193.2019	Si
240 Prosp.A	Verticale	SLE QP 4	-0.529	-0.82	No	-67	13073	15	194.0283	Si
86 Prosp.A	Verticale	SLE QP 4	-0.6317	-8.71	No	-66	13073	15	199.0331	Si
90 Prosp.A	Orizzontale	SLE QP 2	-0.1133	-8.36	No	-65	13073	15	201.6025	Si
84 Prosp.A	Orizzontale	SLE QP 2	-0.1091	-7.9	No	-62	13073	15	212.5303	Si
89 Prosp.A	Orizzontale	SLE RA 3	-0.2947	-16.94	No	-81	17430	15	216.2128	Si
240 Prosp.A	Verticale	SLE RA 7	-0.5916	-1.43	No	-79	17430	15	221.998	Si
123 Prosp.A	Orizzontale	SLE RA 3	-0.4238	-13.57	No	-78	17430	15	224.0423	Si
106 Prosp.A	Orizzontale	SLE RA 7	0.2426	-20.05	No	-77	17430	15	226.3273	Si
87 Prosp.A	Verticale	SLE QP 4	-0.5021	-8.58	No	-57	13073	15	227.7785	Si
85 Prosp.A	Orizzontale	SLE RA 3	-0.294	-15.73	No	-76	17430	15	228.4264	Si
123 Prosp.A	Verticale	SLE QP 4	-0.6252	-6.13	No	-57	13073	15	228.5267	Si
127 Prosp.A	Orizzontale	SLE RA 3	-0.4215	-12.82	No	-75	17430	15	232.4362	Si
84 Prosp.A	Orizzontale	SLE RA 7	0.0992	-10.23	No	-75	17430	15	233.8931	Si
127 Prosp.A	Orizzontale	SLE QP 3	0.279	-9.95	No	-55	13073	15	238.5509	Si
123 Prosp.A	Orizzontale	SLE QP 3	0.2483	-10.55	No	-55	13073	15	238.6224	Si
90 Prosp.A	Orizzontale	SLE RA 7	0.0699	-10.54	No	-73	17430	15	239.3053	Si
88 Prosp.A	Verticale	SLE RA 7	-0.6945	-9.4	No	-72	17430	15	243.1892	Si
127 Prosp.A	Verticale	SLE QP 4	-0.562	-5.8	No	-52	13073	15	249.7618	Si
86 Prosp.A	Verticale	SLE RA 7	-0.681	-8.97	No	-70	17430	15	250.7667	Si
89 Prosp.A	Verticale	SLE QP 4	0.3578	-9.52	No	-52	13073	15	253.5118	Si
90 Prosp.A	Orizzontale	SLE RA 3	-0.1179	-8.64	No	-67	17430	15	259.8383	Si
108 Prosp.A	Verticale	SLE QP 4	0.3693	-8.67	No	-49	13073	15	266.6303	Si
84 Prosp.A	Orizzontale	SLE RA 3	-0.1129	-8.19	No	-64	17430	15	273.447	Si
123 Prosp.A	Verticale	SLE RA 7	-0.6687	-6.89	No	-62	17430	15	280.124	Si
122 Prosp.A	Orizzontale	SLE QP 2	-0.131	-5	No	-47	13073	15	281.0944	Si
87 Prosp.A	Verticale	SLE RA 7	-0.5426	-8.75	No	-60	17430	15	288.6625	Si
50 Prosp.A	Verticale	SLE QP 4	-0.2061	-3.22	No	-45	13073	15	292.3927	Si
127 Prosp.A	Orizzontale	SLE RA 10	0.312	-10.26	No	-58	17430	15	299.2782	Si
123 Prosp.A	Orizzontale	SLE RA 10	0.2794	-10.88	No	-58	17430	15	299.8187	Si
128 Prosp.A	Orizzontale	SLE QP 2	-0.1346	-4.44	No	-44	13073	15	300.4844	Si

Verifiche SLE tensione acciaio D.M. 17-01-18 §4.1.2.2.5.2

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	of	of limite	Es/Ec	c.s.	Verifica
41 Prosp.A	Orizzontale	SLE RA 10	-0.5233	-22.03	No	-736	360000	15	489.2997	Si
103 Prosp.A	Orizzontale	SLE RA 10	0.2696	-11.02	No	-716	360000	15	502.7319	Si
86 Prosp.A	Orizzontale	SLE RA 1	-0.3911	-19.8	No	-705	360000	15	510.9427	Si
88 Prosp.A	Orizzontale	SLE RA 1	-0.4093	-19.71	No	-690	360000	15	521.4157	Si
272 Prosp.A	Verticale	SLE RA 7	-0.7246	-2.25	No	674	360000	15	534.0681	Si
109 Prosp.A	Orizzontale	SLE RA 10	0.4543	-12.71	No	-670	360000	15	536.9909	Si
195 Prosp.A	Verticale	SLE RA 7	-0.7155	-2.23	No	665	360000	15	541.1066	Si
104 Prosp.A	Orizzontale	SLE RA 4	0.1626	-14.08	No	-644	360000	15	558.9945	Si
108 Prosp.A	Orizzontale	SLE RA 10	0.6093	-18.95	No	-622	360000	15	578.8035	Si
240 Prosp.A	Verticale	SLE RA 7	-0.5916	-1.43	No	587	360000	15	613.0305	Si
87 Prosp.A	Orizzontale	SLE RA 1	-0.3937	-17.22	No	-583	360000	15	616.9724	Si
122 Prosp.A	Orizzontale	SLE RA 3	0.124	-7.75	No	-575	360000	15	625.989	Si
85 Prosp.A	Orizzontale	SLE RA 10	-0.2672	-13.94	No	-571	360000	15	630.3306	Si
34 Prosp.A	Orizzontale	SLE RA 10	-0.783	-21.27	No	-558	360000	15	645.6347	Si
84 Prosp.A	Orizzontale	SLE RA 1	0.0619	-6.78	No	-553	360000	15	650.6053	Si
89 Prosp.A	Orizzontale	SLE RA 10	-0.2766	-13.4	No	-537	360000	15	670.8014	Si
90 Prosp.A	Orizzontale	SLE RA 10	0.13	-7.26	No	-524	360000	15	687.6187	Si
90 Prosp.A	Orizzontale	SLE RA 10	-0.112	-6.6	No	-482	360000	15	746.4803	Si
174 Prosp.A	Verticale	SLE RA 1	-0.4427	-0.71	No	473	360000	15	761.2147	Si
107 Prosp.A	Orizzontale	SLE RA 1	0.1911	-12.21	No	-462	360000	15	779.2233	Si
128 Prosp.A	Orizzontale	SLE RA 10	0.3221	-8.83	No	-458	360000	15	785.3931	Si
50 Prosp.A	Orizzontale	SLE RA 10	-0.9326	-20.89	No	-458	360000	15	785.6091	Si
84 Prosp.A	Orizzontale	SLE RA 10	-0.0975	-6.14	No	-456	360000	15	789.5997	Si
291 Prosp.A	Verticale	SLE RA 1	-0.4193	-0.62	No	452	360000	15	795.8636	Si
124 Prosp.A	Verticale	SLE RA 7	-1.234	-7.91	No	401	360000	15	897.0331	Si

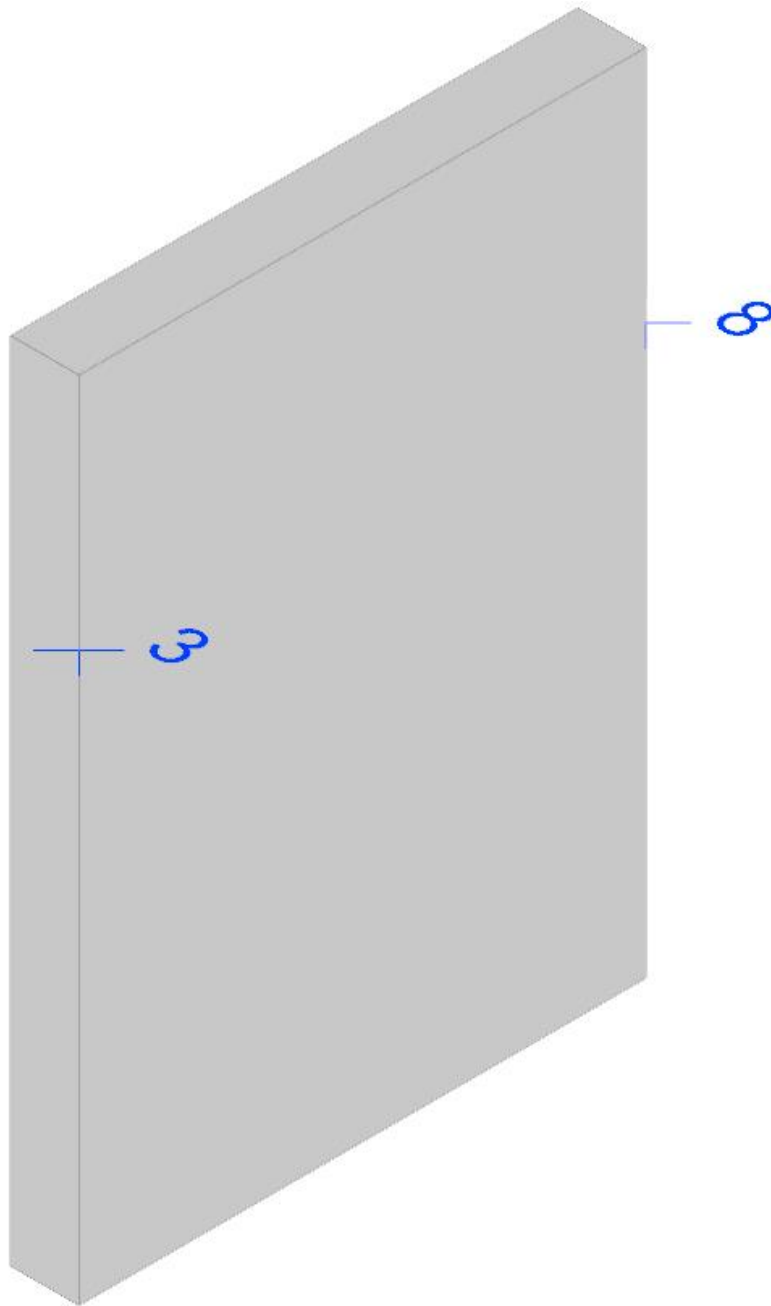
Vano di disinfezione

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	of	of limite	Es/Ec	c.s.	Verifica
126 Prosp.A	Verticale	SLE RA 7	-1.2221	-7.78	No	400	360000	15	900.1868	Si
125 Prosp.A	Verticale	SLE RA 7	-1.1391	-7	No	384	360000	15	936.5098	Si
105 Prosp.A	Orizzontale	SLE RA 4	0.1407	-9.94	No	-384	360000	15	937.3918	Si
123 Prosp.A	Orizzontale	SLE RA 3	0.124	-7.75	No	-333	360000	15	1081.1389	Si
85 Prosp.A	Orizzontale	SLE RA 1	0.0619	-6.78	No	-320	360000	15	1123.8435	Si
89 Prosp.A	Orizzontale	SLE RA 10	0.13	-7.26	No	-303	360000	15	1187.5156	Si
103 Prosp.A	Orizzontale	SLE RA 10	-0.0215	-3.38	No	-286	360000	15	1257.3788	Si
106 Prosp.A	Orizzontale	SLE RA 1	-0.0351	-6.38	No	-277	360000	15	1299.7795	Si
26 Prosp.A	Orizzontale	SLE RA 10	-1.3236	-20.86	No	-275	360000	15	1310.404	Si
127 Prosp.A	Orizzontale	SLE RA 10	0.3221	-8.83	No	-266	360000	15	1355.3679	Si
122 Prosp.A	Orizzontale	SLE RA 10	-0.0857	-3.71	No	-247	360000	15	1459.1662	Si
128 Prosp.A	Orizzontale	SLE RA 10	-0.0878	-3.41	No	-217	360000	15	1658.7161	Si
56 Prosp.A	Verticale	SLE RA 7	0.0842	-3.43	No	-214	360000	15	1680.4339	Si
105 Prosp.A	Orizzontale	SLE RA 1	-0.0318	-4.98	No	-214	360000	15	1684.6073	Si
106 Prosp.A	Orizzontale	SLE RA 3	0.031	-4.88	No	-210	360000	15	1717.8287	Si
107 Prosp.A	Orizzontale	SLE RA 1	-0.0305	-4.5	No	-192	360000	15	1874.3088	Si
127 Prosp.A	Verticale	SLE RA 1	-0.4737	-2.58	No	175	360000	15	2053.6236	Si
123 Prosp.A	Verticale	SLE RA 1	-0.5097	-3.08	No	175	360000	15	2061.952	Si
56 Prosp.A	Orizzontale	SLE RA 10	-1.5705	-21.6	No	-159	360000	15	2257.6764	Si
125 Prosp.A	Orizzontale	SLE RA 10	-1.1569	-10.55	No	145	360000	15	2480.0988	Si
85 Prosp.A	Verticale	SLE RA 5	-0.2376	-6.21	No	-143	360000	15	2518.2708	Si
123 Prosp.A	Orizzontale	SLE RA 10	-0.4724	-7.98	No	-126	360000	15	2847.6496	Si
104 Prosp.A	Verticale	SLE RA 1	-0.1399	-4.35	No	-115	360000	15	3125.8103	Si
127 Prosp.A	Orizzontale	SLE RA 10	-0.4756	-7.49	No	-99	360000	15	3652.6894	Si
109 Prosp.A	Orizzontale	SLE RA 7	-0.002	-1.09	No	-97	360000	15	3704.3201	Si
108 Prosp.A	Verticale	SLE RA 3	0.081	-3.11	No	-94	360000	15	3812.149	Si
41 Prosp.A	Verticale	SLE RA 3	-0.0994	-2.12	No	-74	360000	15	4897.539	Si
87 Prosp.A	Verticale	SLE RA 7	-0.5426	-8.75	No	-71	360000	15	5065.6328	Si
105 Prosp.A	Verticale	SLE RA 7	-1.0139	-12.01	No	70	360000	15	5118.9445	Si
124 Prosp.A	Orizzontale	SLE RA 10	-0.9013	-12.12	No	-68	360000	15	5280.7559	Si
104 Prosp.A	Verticale	SLE RA 3	0.0289	-1.84	No	-68	360000	15	5316.5457	Si
89 Prosp.A	Verticale	SLE RA 3	0.0515	-2.02	No	-62	360000	15	5767.0476	Si
12 Prosp.A	Orizzontale	SLE RA 10	-1.0567	-13.2	No	-61	360000	15	5870.5759	Si
26 Prosp.A	Verticale	SLE RA 3	-0.1739	-2.95	No	-59	360000	15	6143.7577	Si
106 Prosp.A	Verticale	SLE RA 7	-0.9607	-11.55	No	59	360000	15	6148.324	Si
85 Prosp.A	Verticale	SLE RA 3	0.0503	-1.89	No	-57	360000	15	6299.3915	Si
107 Prosp.A	Verticale	SLE RA 7	-0.9909	-12	No	56	360000	15	6394.5552	Si
61 Prosp.A	Orizzontale	SLE RA 10	-1.2445	-14.23	No	48	360000	15	7443.908	Si
126 Prosp.A	Orizzontale	SLE RA 10	-0.9061	-11.62	No	-42	360000	15	8483.518	Si
108 Prosp.A	Orizzontale	SLE RA 2	-0.0005	-0.68	No	-36	360000	15	10117.9605	Si
127 Prosp.A	Verticale	SLE RA 1	0.0402	-1.27	No	-35	360000	15	10415.7067	Si
104 Prosp.A	Orizzontale	SLE RA 1	-0.0003	-0.62	No	-33	360000	15	11025.9056	Si
34 Prosp.A	Verticale	SLE RA 7	-0.185	-2.68	No	-20	360000	15	18310.7258	Si
56 Prosp.A	Verticale	SLE RA 7	-0.0186	-0.06	No	18	360000	15	20151.6643	Si
108 Prosp.A	Verticale	SLE RA 10	-0.0492	-0.96	No	-14	360000	15	25156.5787	Si
124 Prosp.A	Orizzontale	SLE RA 1	0.0003	-0.28	No	-13	360000	15	27616.7292	Si
89 Prosp.A	Verticale	SLE RA 7	-0.0186	-0.06	No	9	360000	15	39852.8597	Si
88 Prosp.A	Verticale	SLE RA 7	-0.6945	-9.4	No	-7	360000	15	54357.9692	Si
88 Prosp.A	Orizzontale	SLE RA 7	0	-0.12	No	-6	360000	15	62549.8768	Si
86 Prosp.A	Verticale	SLE RA 7	-0.681	-8.97	No	5	360000	15	72223.5457	Si
126 Prosp.A	Orizzontale	SLE RA 4	0	-0.1	No	-5	360000	15	75445.9728	Si
50 Prosp.A	Verticale	SLE RA 7	-0.1867	-2.45	No	3	360000	15	110592.5613	Si
86 Prosp.A	Orizzontale	SLE RA 10	0	-0.07	No	-3	360000	15	115466.1369	Si
123 Prosp.A	Verticale	SLE RA 3	0.0037	-0.11	No	-3	360000	15	129946.1513	Si
26 Prosp.A	Verticale	SLE RA 10	0	0.02	No	2	360000	15	152681.0986	Si
41 Prosp.A	Verticale	SLE RA 7	0.0003	-0.01	No	0	360000	15	1000000	Si
87 Prosp.A	Verticale	SLE RA 7	0.0003	-0.01	No	0	360000	15	1000000	Si

Parete FILI 3-8

Verifiche condotte secondo D.M. 17-01-18 (N.T.C.)

Geometria

**Caratteristiche dei materiali**

Acciaio: B450C Fyk 450000

Calcestruzzo: C28/35 Rck 35000

Livelli significativi

Descrizione breve	Descrizione	Quota	Spessore
L1	Livello platea ribassata	-2.5	0
L2	Platea di fondazione	-0.55	0
L3	Piano campagna	0	0
L4	Livello coronamento	1.05	0

Verifiche nei nodi**Sezioni rettangolari**

Descrizione	Dir.	Base	Altezza	As,sup	As,inf	c,sup	c,inf
341 Prosp.A	Verticale	1	0.3	0.000517	0.000517	0.047	0.047
342 Prosp.A	Verticale	1	0.3	0.000517	0.000517	0.047	0.047
402 Prosp.A	Verticale	1	0.3	0.000517	0.000517	0.047	0.047
134 Prosp.A	Verticale	1	0.3	0.000517	0.000517	0.047	0.047
401 Prosp.A	Verticale	1	0.3	0.000517	0.000517	0.047	0.047
135 Prosp.A	Verticale	1	0.3	0.000517	0.000517	0.047	0.047
464 Prosp.A	Verticale	1	0.3	0.000517	0.000517	0.047	0.047
463 Prosp.A	Verticale	1	0.3	0.000517	0.000517	0.047	0.047
115 Prosp.A	Verticale	1	0.3	0.000517	0.000517	0.047	0.047
116 Prosp.A	Verticale	1	0.3	0.000517	0.000517	0.047	0.047

Descrizione	Dir.	Base	Altezza	As,sup	As,inf	c,sup	c,inf
530 Prosp.A	Verticale	0.5	0.3	0.00031	0.00031	0.047	0.047
494 Prosp.A	Verticale	0.5	0.3	0.00031	0.00031	0.047	0.047
355 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
357 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
335 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
138 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
343 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
335 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
134 Prosp.A	Orizzontale	0.65	0.3	0.000539	0.000539	0.0628	0.0628
140 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
334 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
334 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
345 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
462 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
135 Prosp.A	Orizzontale	0.65	0.3	0.000539	0.000539	0.0628	0.0628
457 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
403 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
455 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
348 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
341 Prosp.A	Orizzontale	0.65	0.3	0.000539	0.000539	0.0628	0.0628
342 Prosp.A	Orizzontale	0.65	0.3	0.000539	0.000539	0.0628	0.0628
137 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
121 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
120 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
131 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.0622	0.0622
509 Prosp.A	Verticale	0.5	0.3	0.000462	0.000462	0.047	0.047
131 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
140 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
496 Prosp.A	Verticale	0.5	0.3	0.000462	0.000462	0.047	0.047
511 Prosp.A	Verticale	0.5	0.3	0.000462	0.000462	0.047	0.047
355 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
138 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
97 Prosp.A	Verticale	1	0.3	0.000517	0.000517	0.047	0.047
119 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
129 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
343 Prosp.A	Orizzontale	1	0.3	0.000717	0.000717	0.061	0.061
129 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.0622	0.0622
345 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
96 Prosp.A	Verticale	1	0.3	0.000517	0.000517	0.047	0.047
357 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
101 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
102 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
100 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
402 Prosp.A	Orizzontale	0.65	0.3	0.000539	0.000539	0.0628	0.0628
121 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
348 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
137 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
401 Prosp.A	Orizzontale	0.65	0.3	0.000539	0.000539	0.0628	0.0628
120 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
112 Prosp.A	Verticale	1	0.3	0.00076	0.00076	0.047	0.047
18 Prosp.A	Verticale	0.5	0.3	0.000258	0.000258	0.047	0.047
403 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
462 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
65 Prosp.A	Orizzontale	0.65	0.3	0.000539	0.000539	0.0628	0.0628
65 Prosp.A	Verticale	0.5	0.3	0.000258	0.000258	0.047	0.047
18 Prosp.A	Orizzontale	0.65	0.3	0.000539	0.000539	0.0628	0.0628
43 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
110 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
81 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
83 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
80 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
57 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.0622	0.0622
27 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.0622	0.0622
83 Prosp.A	Verticale	0.9868	0.3	0.00077	0.00077	0.047	0.047
80 Prosp.A	Verticale	0.9689	0.3	0.00077	0.00077	0.047	0.047
81 Prosp.A	Verticale	0.9774	0.3	0.00077	0.00077	0.047	0.047
101 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
82 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.0622	0.0622
100 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
102 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
92 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.0622	0.0622
51 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
35 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
51 Prosp.A	Verticale	0.5	0.3	0.000385	0.000385	0.047	0.047
35 Prosp.A	Verticale	0.5	0.3	0.000385	0.000385	0.047	0.047
96 Prosp.A	Orizzontale	0.65	0.3	0.000539	0.000539	0.0628	0.0628
92 Prosp.A	Verticale	0.997	0.3	0.00077	0.00077	0.047	0.047
27 Prosp.A	Verticale	0.5	0.3	0.000385	0.000385	0.047	0.047
57 Prosp.A	Verticale	0.5	0.3	0.000385	0.000385	0.047	0.047
82 Prosp.A	Verticale	0.9808	0.3	0.00077	0.00077	0.047	0.047
97 Prosp.A	Orizzontale	0.65	0.3	0.000539	0.000539	0.0628	0.0628
43 Prosp.A	Verticale	0.5	0.3	0.000385	0.000385	0.047	0.047
110 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.0622	0.0622
119 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
112 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.0622	0.0622
463 Prosp.A	Orizzontale	0.65	0.3	0.000539	0.000539	0.0628	0.0628
464 Prosp.A	Orizzontale	0.65	0.3	0.000539	0.000539	0.0628	0.0628
116 Prosp.A	Orizzontale	0.65	0.3	0.000539	0.000539	0.0628	0.0628
115 Prosp.A	Orizzontale	0.65	0.3	0.000539	0.000539	0.0628	0.0628

Verifiche a flessione SLU D.M. 17-01-18 §4.1.2.3.4.2

La struttura è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione, per le combinazioni SLV, viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
341 Prosp.A	Verticale	SLV 5	-6.1117	-5.26	-52.8623	-45.46	8.6493	Si
342 Prosp.A	Verticale	SLV 7	-5.8981	-4.57	-52.2659	-40.46	8.8614	Si
402 Prosp.A	Verticale	SLV 7	-5.7166	-3.47	-51.1435	-31.08	8.9465	Si
134 Prosp.A	Verticale	SLV 5	-6.2314	-8.72	-56.9073	-79.65	9.1324	Si
401 Prosp.A	Verticale	SLV 5	-5.4126	-3.12	-50.9403	-29.38	9.4115	Si
135 Prosp.A	Verticale	SLV 7	-5.7877	-7.32	-55.8514	-70.67	9.6501	Si

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
464 Prosp.A	Verticale	SLV 7	-4.4851	0.58	-46.6688	6.03	10.4053	Si
402 Prosp.A	Verticale	SLV 9	4.1698	0.61	46.5689	6.84	11.1682	Si
401 Prosp.A	Verticale	SLV 11	4.1818	0.43	46.8173	4.81	11.1956	Si
463 Prosp.A	Verticale	SLV 5	-4.0634	1.31	-45.6127	14.69	11.2252	Si
115 Prosp.A	Verticale	SLV 5	-5.6168	-14.23	-67.4855	-171.03	12.015	Si
116 Prosp.A	Verticale	SLV 7	-5.4608	-14.13	-68.0607	-176.09	12.4635	Si
341 Prosp.A	Verticale	SLV 11	3.4228	-0.78	48.7349	-11.05	14.2382	Si
530 Prosp.A	Verticale	SLV 7	-1.697	2.28	-24.2735	32.58	14.3038	Si
463 Prosp.A	Verticale	SLV 11	3.7087	-3.94	54.3169	-57.72	14.6457	Si
494 Prosp.A	Verticale	SLV 5	-1.557	2.72	-23.279	40.7	14.9508	Si
464 Prosp.A	Verticale	SLV 9	3.1241	-1.63	50.5835	-26.41	16.1914	Si
342 Prosp.A	Verticale	SLV 9	3.0222	-1.66	50.7562	-27.86	16.7944	Si
355 Prosp.A	Verticale	SLV 5	3.6697	-1.97	73.8261	-39.58	20.118	Si
357 Prosp.A	Verticale	SLV 7	3.5939	-1.61	73.0272	-32.62	20.3198	Si
335 Prosp.A	Orizzontale	SLV 15	-2.0952	9.47	-42.726	193.22	20.3927	Si
138 Prosp.A	Verticale	SLV 5	3.8036	-4.23	79.398	-88.37	20.8744	Si
343 Prosp.A	Verticale	SLV 5	3.5906	-2.56	75.4662	-53.88	21.0176	Si
335 Prosp.A	Verticale	SLV 11	3.1134	1.3	66.0203	27.57	21.2049	Si
134 Prosp.A	Orizzontale	SLV 15	-1.116	8.43	-23.7726	179.57	21.301	Si
140 Prosp.A	Verticale	SLV 7	3.6043	-3.13	76.9582	-66.93	21.3518	Si
334 Prosp.A	Verticale	SLV 9	3.2029	0.18	68.7875	3.95	21.4763	Si
334 Prosp.A	Orizzontale	SLV 13	-1.9889	8.98	-42.7557	193.02	21.4973	Si
345 Prosp.A	Verticale	SLV 7	3.4025	-1.92	74.0716	-41.7	21.7699	Si
462 Prosp.A	Verticale	SLV 1	3.1627	-0.54	70.6349	-11.95	22.3339	Si
135 Prosp.A	Orizzontale	SLV 13	-1.0574	8.06	-23.6698	180.42	22.3846	Si
457 Prosp.A	Verticale	SLV 7	3.3732	-3.01	77.1698	-68.79	22.8776	Si
403 Prosp.A	Verticale	SLV 3	3.5801	-4.86	81.9932	-111.39	22.9025	Si
455 Prosp.A	Verticale	SLV 5	3.2513	-2.35	75.5478	-54.57	23.2358	Si
348 Prosp.A	Verticale	SLV 3	3.8086	-7.33	88.589	-170.55	23.2604	Si
341 Prosp.A	Orizzontale	SLV 15	-0.9845	8.01	-22.9215	186.48	23.2816	Si
342 Prosp.A	Orizzontale	SLV 13	-0.9587	7.98	-22.6673	188.56	23.6433	Si
137 Prosp.A	Verticale	SLV 3	3.9691	-9.99	96.5132	-243.03	24.316	Si
121 Prosp.A	Verticale	SLV 7	3.3571	-4.54	81.9212	-110.74	24.4026	Si
120 Prosp.A	Verticale	SLV 5	3.5042	-6.37	87.2733	-158.66	24.9055	Si
131 Prosp.A	Orizzontale	SLV 15	-2.0601	4.05	-52.77	103.84	25.615	Si
509 Prosp.A	Verticale	SLV 3	1.504	0.73	38.9979	18.87	25.9297	Si
131 Prosp.A	Verticale	SLV 11	2.7614	-1.16	72.7843	-30.51	26.3577	Si
140 Prosp.A	Orizzontale	SLV 15	-2.2538	1.61	-60.535	43.35	26.8588	Si
496 Prosp.A	Verticale	SLV 9	-1.3326	1.7	-35.86	45.84	26.9098	Si
455 Prosp.A	Verticale	SLV 11	-2.5974	-0.21	-69.9179	-5.75	26.9184	Si
511 Prosp.A	Verticale	SLV 11	-1.3576	1.35	-36.9382	36.61	27.2079	Si
355 Prosp.A	Orizzontale	SLV 13	-1.4675	7.79	-40.2457	213.54	27.4251	Si
138 Prosp.A	Orizzontale	SLV 13	-2.1938	1.41	-61.0212	39.2	27.8149	Si
494 Prosp.A	Verticale	SLV 11	1.5389	-4.61	42.8557	-128.48	27.8476	Si
97 Prosp.A	Verticale	SLV 7	-3.7129	-18.64	-106.6474	-535.27	28.7235	Si
119 Prosp.A	Verticale	SLV 7	3.2359	-7.5	93.7185	-217.29	28.9623	Si
129 Prosp.A	Verticale	SLV 9	2.6885	-2.92	79.1258	-85.97	29.431	Si
343 Prosp.A	Orizzontale	SLV 13	-1.9696	0.96	-58.039	28.23	29.4669	Si
403 Prosp.A	Verticale	SLV 15	-1.8885	3.84	-55.7724	113.55	29.5324	Si
129 Prosp.A	Orizzontale	SLV 13	-1.7971	3.39	-53.1886	100.28	29.5972	Si
348 Prosp.A	Verticale	SLV 15	-1.4931	6.02	-46.6343	188.09	31.2342	Si
345 Prosp.A	Orizzontale	SLV 15	-1.9744	1.04	-61.768	32.69	31.2845	Si
96 Prosp.A	Verticale	SLV 5	-3.507	-18.2	-110.4721	-573.17	31.5005	Si
457 Prosp.A	Verticale	SLV 9	-2.4414	-2.16	-77.1237	-68.39	31.5902	Si
334 Prosp.A	Verticale	SLV 11	-2.3723	-1.57	-74.9872	-49.69	31.6092	Si
357 Prosp.A	Orizzontale	SLV 15	-1.2454	6.57	-40.3354	212.81	32.3884	Si
355 Prosp.A	Verticale	SLV 11	-2.102	0.3	-68.1103	9.74	32.4021	Si
345 Prosp.A	Verticale	SLV 15	-1.3236	6.14	-44.3925	206.07	33.5394	Si
134 Prosp.A	Verticale	SLV 11	1.5753	-1.43	53.1813	-48.15	33.7598	Si
343 Prosp.A	Verticale	SLV 15	-1.2832	5.82	-44.7608	203.15	34.8823	Si
511 Prosp.A	Verticale	SLV 5	1.478	-2.69	51.5853	-93.74	34.9022	Si
496 Prosp.A	Verticale	SLV 7	1.6277	-4.35	58.1441	-155.36	35.7213	Si
101 Prosp.A	Verticale	SLV 7	3.0038	-9.95	109.0906	-361.26	36.3178	Si
357 Prosp.A	Verticale	SLV 13	-1.4841	3.51	-54.0503	127.77	36.4202	Si
102 Prosp.A	Verticale	SLV 11	2.5929	-6.15	94.4612	-224.09	36.4312	Si
100 Prosp.A	Verticale	SLV 9	2.6557	-7.55	101.3433	-287.94	38.1602	Si
402 Prosp.A	Orizzontale	SLV 9	-0.7141	3.77	-27.7897	146.62	38.9155	Si
121 Prosp.A	Orizzontale	SLV 15	-1.8949	-1.91	-73.9808	-74.62	39.0412	Si
348 Prosp.A	Orizzontale	SLV 15	-1.8097	-1.17	-70.7168	-45.65	39.0769	Si
335 Prosp.A	Verticale	SLV 13	-1.4356	2.7	-56.6415	106.36	39.4562	Si
137 Prosp.A	Orizzontale	SLV 15	-2.1186	-4.55	-86.1343	-184.98	40.6567	Si
462 Prosp.A	Verticale	SLV 15	-2.2007	-4.82	-91.9637	-201.23	41.7889	Si
401 Prosp.A	Orizzontale	SLV 11	-0.5992	4.02	-25.1151	168.6	41.9132	Si
138 Prosp.A	Verticale	SLV 15	-0.9855	4.78	-43.6583	211.94	44.3008	Si
140 Prosp.A	Verticale	SLV 13	-0.9689	4.61	-43.989	209.3	45.4025	Si
120 Prosp.A	Orizzontale	SLV 13	-1.7001	-2.53	-78.6799	-116.91	46.279	Si
530 Prosp.A	Verticale	SLV 13	0.9679	-3.18	44.9377	-147.62	46.4275	Si
112 Prosp.A	Verticale	SLV 11	2.0098	-5.13	95.9614	-244.99	47.7464	Si
129 Prosp.A	Verticale	SLV 11	-2.0493	-5.59	-99.6373	-272.01	48.6203	Si
18 Prosp.A	Verticale	SLV 11	-0.7232	-2.04	-35.3738	-99.9	48.9155	Si
137 Prosp.A	Verticale	SLV 15	-0.8176	4.83	-40.3246	238.43	49.3179	Si
403 Prosp.A	Orizzontale	SLV 15	-1.2478	0.35	-63.4626	18.03	50.8601	Si
135 Prosp.A	Verticale	SLV 9	1.164	-2.29	61.8142	-121.67	53.1065	Si
462 Prosp.A	Orizzontale	SLV 11	-1.2575	-0.67	-69.7798	-37.36	55.4927	Si
65 Prosp.A	Orizzontale	SLV 15	-2.1137	-16.81	-121.5268	-966.64	57.4951	Si
65 Prosp.A	Verticale	SLV 10	-1.3387	-8.15	-77.029	-469.01	57.5383	Si
18 Prosp.A	Orizzontale	SLV 13	2.0498	-15.78	121.0212	-931.57	59.0393	Si
43 Prosp.A	Orizzontale	SLV 1	-3.0513	-21.45	-182.2896	-1281.66	59.7418	Si
131 Prosp.A	Verticale	SLV 9	-1.9277	-7.13	-116.2026	-429.92	60.2795	Si
110 Prosp.A	Verticale	SLV 9	1.8647	-6.58	112.9943	-398.76	60.5959	Si
357 Prosp.A	Orizzontale	SLV 7	0.6451	3.47	40.0446	215.23	62.0703	Si
81 Prosp.A	Orizzontale	SLV 13	2.6277	-17.05	176.4411	-1145.15	67.1477	Si
83 Prosp.A	Orizzontale	SLV 9	2.7727	-23.2	186.7125	-1562.09	67.34	Si
80 Prosp.A	Orizzontale	SLV 11	2.7672	-25.47	188.8717	-1738.29	68.2539	Si

Verifiche a flessione SLD Resistenza D.M. 17-01-18 §4.1.2.3.4.2

La struttura è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
134 Prosp.A	Verticale	SLD 5	-4.2286	-7.21	-59.4555	-101.4	14.0603	Si

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
341 Prosp.A	Verticale	SLD 5	-3.7651	-4.18	-54.6734	-60.73	14.5212	Si
135 Prosp.A	Verticale	SLD 7	-4.0519	-6.63	-58.8521	-96.23	14.5246	Si
342 Prosp.A	Verticale	SLD 7	-3.6843	-3.88	-54.2589	-57.21	14.7272	Si
402 Prosp.A	Verticale	SLD 7	-3.2635	-2.48	-52.1682	-39.65	15.9856	Si
115 Prosp.A	Verticale	SLD 5	-4.2541	-12.24	-71.3773	-205.38	16.7784	Si
116 Prosp.A	Verticale	SLD 7	-4.2599	-12.52	-72.118	-211.96	16.9294	Si
401 Prosp.A	Verticale	SLD 5	-3.047	-2.26	-52.0445	-38.62	17.0806	Si
464 Prosp.A	Verticale	SLD 7	-2.4464	-0.46	-48.507	-9.17	19.8282	Si
463 Prosp.A	Verticale	SLD 5	-2.1212	0.02	-47.3521	0.39	22.323	Si
401 Prosp.A	Verticale	SLD 11	1.8001	-0.43	48.8134	-11.71	27.1169	Si
402 Prosp.A	Verticale	SLD 9	1.7166	-0.38	48.7064	-10.8	28.3735	Si
530 Prosp.A	Verticale	SLD 7	-0.918	0.6	-26.1644	16.98	28.5018	Si
140 Prosp.A	Verticale	SLD 7	2.5364	-2.66	78.756	-82.73	31.0507	Si
138 Prosp.A	Verticale	SLD 5	2.5947	-3.29	81.0119	-102.67	31.2217	Si
343 Prosp.A	Verticale	SLD 5	2.3889	-1.7	75.43	-53.56	31.5746	Si
494 Prosp.A	Verticale	SLD 5	-0.7827	0.92	-24.714	28.97	31.575	Si
345 Prosp.A	Verticale	SLD 7	2.3396	-1.35	74.1878	-42.7	31.7097	Si
463 Prosp.A	Verticale	SLD 11	1.7727	-2.65	57.6822	-86.23	32.5386	Si
357 Prosp.A	Verticale	SLD 7	2.2587	-1.22	73.8618	-39.88	32.7004	Si
355 Prosp.A	Verticale	SLD 5	2.2317	-1.39	74.6092	-46.38	33.4322	Si
348 Prosp.A	Verticale	SLD 3	2.5347	-4.1	84.9224	-137.51	33.5041	Si
137 Prosp.A	Verticale	SLD 3	2.7699	-6.27	92.9481	-210.23	33.5565	Si
97 Prosp.A	Verticale	SLD 7	-3.1605	-15.9	-106.9079	-537.85	33.8265	Si
403 Prosp.A	Verticale	SLD 3	2.2714	-2.78	80.5648	-98.69	35.4697	Si
121 Prosp.A	Verticale	SLD 7	2.4752	-5	89.7848	-181.4	36.2734	Si
120 Prosp.A	Verticale	SLD 5	2.5178	-6.05	94.8789	-227.93	37.6828	Si
335 Prosp.A	Verticale	SLD 11	1.8893	-0.48	71.3401	-18.04	37.7607	Si
119 Prosp.A	Verticale	SLD 7	2.5847	-6.82	98.2461	-259.06	38.011	Si
464 Prosp.A	Verticale	SLD 9	1.3715	-1.05	52.202	-39.93	38.062	Si
96 Prosp.A	Verticale	SLD 5	-2.9344	-15.4	-111.8682	-587.1	38.1228	Si
341 Prosp.A	Orizzontale	SLD 15	-0.7414	3.67	-28.467	141	38.3959	Si
335 Prosp.A	Orizzontale	SLD 15	-1.3742	2.45	-54.2808	96.81	39.499	Si
334 Prosp.A	Verticale	SLD 9	1.8646	-1.06	74.1431	-42.32	39.7629	Si
342 Prosp.A	Orizzontale	SLD 13	-0.7124	3.56	-28.3776	141.75	39.8362	Si
134 Prosp.A	Orizzontale	SLD 15	-0.7228	3.03	-30.1882	126.67	41.7649	Si
462 Prosp.A	Verticale	SLD 1	1.8269	-1.64	77.2481	-69.48	42.2848	Si
457 Prosp.A	Verticale	SLD 7	1.9247	-2.8	83.0409	-120.7	43.145	Si
334 Prosp.A	Orizzontale	SLD 13	-1.2662	1.81	-56.2295	80.22	44.4072	Si
135 Prosp.A	Orizzontale	SLD 13	-0.6863	2.67	-30.9495	120.31	45.0949	Si
455 Prosp.A	Verticale	SLD 5	1.8356	-2.72	83.3274	-123.28	45.3947	Si
101 Prosp.A	Verticale	SLD 7	2.4377	-9.68	121.622	-483.16	49.8927	Si
355 Prosp.A	Orizzontale	SLD 13	-1.0582	1.89	-54.2662	96.95	51.2829	Si
509 Prosp.A	Verticale	SLD 3	0.8471	-0.78	45.9116	-42.08	54.2	Si
402 Prosp.A	Orizzontale	SLD 9	-0.6412	1.62	-34.8167	87.7	54.2953	Si
131 Prosp.A	Verticale	SLD 11	1.5421	-3.33	91.6111	-198	59.4072	Si
102 Prosp.A	Verticale	SLD 7	2.1057	-8.77	125.6235	-522.96	59.6596	Si
401 Prosp.A	Orizzontale	SLD 11	-0.5463	1.78	-32.6025	106.45	59.6815	Si
100 Prosp.A	Verticale	SLD 5	2.1733	-9.54	130.6016	-573.19	60.0934	Si
341 Prosp.A	Verticale	SLD 11	0.8935	-0.97	54.4794	-59.09	60.9756	Si
494 Prosp.A	Verticale	SLD 11	0.7646	-2.81	48.0302	-176.45	62.8173	Si
511 Prosp.A	Verticale	SLD 11	-0.6423	-0.02	-41.2775	-0.98	64.2631	Si
496 Prosp.A	Verticale	SLD 9	-0.5944	0.22	-39.5171	14.38	66.4829	Si
357 Prosp.A	Orizzontale	SLD 15	-0.837	1.27	-55.7056	84.71	66.5526	Si
455 Prosp.A	Verticale	SLD 11	-1.1271	-1.03	-77.4141	-70.94	68.687	Si
18 Prosp.A	Verticale	SLD 11	-0.766	-3.85	-53.4713	-269.09	69.803	Si
65 Prosp.A	Verticale	SLD 9	-0.805	-4.25	-56.2742	-296.96	69.9032	Si
496 Prosp.A	Verticale	SLD 7	0.8914	-2.86	62.9922	-202.27	70.6683	Si
129 Prosp.A	Verticale	SLD 9	1.4532	-4.28	102.9553	-303.07	70.8491	Si
140 Prosp.A	Orizzontale	SLD 15	-1.2899	-3.32	-91.6306	-236.08	71.039	Si
131 Prosp.A	Orizzontale	SLD 15	-1.139	-2.35	-84.1358	-173.72	73.8709	Si
342 Prosp.A	Verticale	SLD 9	0.7587	-0.99	56.1675	-73.36	74.0325	Si
65 Prosp.A	Orizzontale	SLD 15	1.6569	-15.32	123.6313	-1143.12	74.618	Si
343 Prosp.A	Orizzontale	SLD 13	-1.1684	-3.15	-87.5989	-235.95	74.9742	Si
345 Prosp.A	Orizzontale	SLD 15	-1.1855	-3	-91.0146	-230.32	76.7761	Si
18 Prosp.A	Orizzontale	SLD 13	1.5875	-14.3	123.3162	-1111.17	77.6815	Si
81 Prosp.A	Orizzontale	SLD 15	2.3225	-17.54	184.1124	-1390.68	79.2743	Si
138 Prosp.A	Orizzontale	SLD 13	-1.2186	-3.58	-96.7524	-284.29	79.3934	Si
83 Prosp.A	Orizzontale	SLD 9	2.3567	-20.61	187.7686	-1642.08	79.6738	Si
80 Prosp.A	Orizzontale	SLD 11	2.384	-23.57	190.1017	-1879.82	79.7398	Si
511 Prosp.A	Verticale	SLD 5	0.7695	-2.47	62.9645	-201.99	81.8288	Si
334 Prosp.A	Verticale	SLD 15	-0.7939	0.29	-66.3644	24.65	83.5885	Si
357 Prosp.A	Verticale	SLD 13	-0.6449	1.32	-55.6805	114.3	86.3336	Si
355 Prosp.A	Verticale	SLD 15	-0.629	1.42	-54.5644	123.53	86.7487	Si
335 Prosp.A	Verticale	SLD 13	-0.7763	0.18	-67.4675	15.25	86.9144	Si
43 Prosp.A	Orizzontale	SLD 1	-2.0532	-21.91	-190.8164	-2036.53	92.9381	Si
457 Prosp.A	Verticale	SLD 9	-0.9926	-2.37	-94.736	-226.62	95.4462	Si
57 Prosp.A	Orizzontale	SLD 15	1.9403	-23.42	189.5769	-2288.17	97.7035	Si
462 Prosp.A	Orizzontale	SLD 11	-0.7737	-0.95	-76.0128	-92.85	98.2513	Si
348 Prosp.A	Orizzontale	SLD 15	-1.087	-3.96	-108.197	-394.58	99.5413	Si
27 Prosp.A	Orizzontale	SLD 13	1.9089	-21.84	190.0753	-2174.99	99.573	Si
403 Prosp.A	Verticale	SLD 15	-0.5119	1.26	-53.5952	131.51	104.6893	Si
129 Prosp.A	Orizzontale	SLD 13	-0.9479	-3.05	-99.8722	-321.86	105.3611	Si
83 Prosp.A	Verticale	SLD 1	1.7155	-10.76	180.9225	-1134.9	105.4613	Si
80 Prosp.A	Verticale	SLD 3	1.7022	-10.75	181.0477	-1143.31	106.363	Si
403 Prosp.A	Orizzontale	SLD 15	-0.8008	-1.72	-86.1948	-185.55	107.6322	Si
81 Prosp.A	Verticale	SLD 5	1.6086	-9.85	175.8681	-1076.53	109.3282	Si
101 Prosp.A	Orizzontale	SLD 5	1.6388	-15.28	189.13	-1763.75	115.41	Si
82 Prosp.A	Orizzontale	SLD 7	1.5125	-25.32	175.886	-2944.49	116.2899	Si
100 Prosp.A	Orizzontale	SLD 7	1.5416	-21.56	186.089	-2602.3	120.7093	Si
102 Prosp.A	Orizzontale	SLD 5	1.5301	-20.5	187.6884	-2514.05	122.666	Si
92 Prosp.A	Orizzontale	SLD 5	1.4605	-21.7	182.8939	-2716.86	125.2288	Si
51 Prosp.A	Orizzontale	SLD 1	-1.3991	-16.43	-190.5562	-2238.35	136.1947	Si
35 Prosp.A	Orizzontale	SLD 1	-1.397	-16.05	-190.746	-2191.36	136.5434	Si
530 Prosp.A	Verticale	SLD 9	0.342	-1.22	47.234	-168.99	138.121	Si
462 Prosp.A	Verticale	SLD 15	-0.8963	-3.8	-127.2235	-539.03	141.947	Si
51 Prosp.A	Verticale	SLD 11	0.6799	-4.57	97.6554	-656.82	143.6402	Si
343 Prosp.A	Verticale	SLD 15	-0.235	1.84	-35.4009	277.07	150.6201	Si
35 Prosp.A	Verticale	SLD 9	0.6435	-4.89	98.9888	-751.68	153.8223	Si
112 Prosp.A	Verticale	SLD 11	1.2022	-7.76	185.8609	-1200.35	154.6045	Si

Verifiche a taglio SLU D.M. 17-01-18 §4.1.2.3.5

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
116 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLU 7	-14	-16.57	-4.8169	126.02	648.43	0	126.02	2.5	0.0005169	9.0033	Si
115 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLU 7	13.61	-15.62	-4.6158	125.9	648.31	0	125.9	2.5	0.0005169	9.2488	Si
112 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLU 7	13.52	-16.23	0.771	125.97	648.39	0	125.97	2.5	0.0007604	9.3181	Si
134 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 1	13.31	-9.2	-5.2253	125.09	647.47	0	125.09	2.5	0.0005169	9.4009	Si
341 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 1	12.94	-6.93	-4.8867	124.8	647.17	0	124.8	2.5	0.0005169	9.6419	Si
135 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 3	-12.95	-9.03	-5.1486	125.06	647.44	0	125.06	2.5	0.0005169	9.659	Si
342 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 3	-12.6	-6.9	-4.8613	124.79	647.16	0	124.79	2.5	0.0005169	9.9025	Si
82 Prosp.A	Verticale	0.253	0.981	Non necessaria	0	SLU 7	-10.39	-17.25	1.4458	123.73	636.14	0	123.73	2.5	0.0007697	11.911	Si
97 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLU 7	-10.56	-19.13	-3.912	126.34	648.77	0	126.34	2.5	0.0005169	11.9689	Si
131 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 1	10.36	-11.27	0.2016	125.35	647.74	0	125.35	2.5	0.0007697	12.0945	Si
402 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 3	-10.18	-4.77	-4.1676	124.52	646.89	0	124.52	2.5	0.0005169	12.2323	Si
401 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 1	10.09	-4.5	-4.1247	124.49	646.85	0	124.49	2.5	0.0005169	12.3351	Si
92 Prosp.A	Verticale	0.253	0.997	Non necessaria	0	SLU 7	10.17	-16.66	1.5003	125.65	646.47	0	125.65	2.5	0.0007697	12.3608	Si
96 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLU 7	10.21	-18.25	-3.6486	126.23	648.65	0	126.23	2.5	0.0005169	12.3677	Si
129 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 3	-10.08	-10.94	-0.2051	125.31	647.69	0	125.31	2.5	0.0007697	12.4291	Si
43 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLU 10	9.44	-29.59	-1.9089	122.99	614.16	0	122.99	2.5	0.0007697	13.0298	Si
334 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 3	-9.55	-8.28	0.3224	124.97	647.35	0	124.97	2.5	0.0007697	13.0828	Si
335 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 1	9.54	-8.53	0.6131	125	647.38	0	125	2.5	0.0007697	13.0997	Si
110 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLU 10	-9.12	-16.14	0.8565	125.96	648.38	0	125.96	2.5	0.0007697	13.8087	Si
455 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 3	-7.46	-0.61	1.011	124	646.34	0	124	2.5	0.0007697	16.6123	Si
121 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 1	7.48	-12.3	3.104	125.48	647.87	0	125.48	2.5	0.0007697	16.7722	Si
120 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 3	-7.42	-12.08	3.0393	125.45	647.84	0	125.45	2.5	0.0007697	16.9177	Si
464 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 3	-7.27	-0.93	-3.1141	124.04	646.38	0	124.04	2.5	0.0005169	17.0597	Si
80 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLU 10	7.08	-23.78	2.6255	122.3	613.44	0	122.3	2.5	0.0007697	17.2702	Si
35 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 3	7.05	-19.05	-2.4621	121.73	612.86	0	121.73	2.5	0.0007697	17.276	Si
51 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLU 10	7.05	-24.92	-1.0484	122.44	613.58	0	122.44	2.5	0.0007697	17.3547	Si
463 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 1	6.86	-0.54	-2.9803	123.99	646.33	0	123.99	2.5	0.0005169	18.0866	Si
102 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLU 10	6.24	-15.65	2.8639	125.9	648.31	0	125.9	2.5	0.0007697	20.1728	Si
100 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLU 7	-6.21	-16.2	2.8438	125.97	648.38	0	125.97	2.5	0.0007697	20.2893	Si
65 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLU 7	-3.07	-8.32	-1.347	63.01	324.22	0	63.01	2.5	0.0002585	20.5124	Si
530 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 3	-3	0.9	-1.2467	61.96	323.13	0	61.96	2.5	0.0003102	20.6214	Si
511 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 3	-3.04	1.29	0.3972	63	323.13	0	63	2.5	0.0004618	20.7542	Si
27 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 15	3	-4.82	0.6471	62.57	323.76	0	62.57	2.5	0.0003848	20.841	Si
18 Prosp.A	Orizzontale	0.237	0.65	Non necessaria	0	SLV 13	-3.77	-15.78	2.0498	79.15	395.84	0	79.15	2.5	0.0005388	21.0224	Si
18 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 15	2.97	-4.61	-0.8404	62.54	323.74	0	62.54	2.5	0.0002585	21.0349	Si
457 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 1	5.69	-0.07	1.0867	123.93	646.27	0	123.93	2.5	0.0007697	21.7836	Si
65 Prosp.A	Orizzontale	0.237	0.65	Non necessaria	0	SLV 15	-3.62	-16.81	2.1137	79.28	395.97	0	79.28	2.5	0.0005388	21.915	Si
494 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 1	2.75	1.15	-1.1432	61.96	323.13	0	61.96	2.5	0.0003102	22.5256	Si
496 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 1	2.77	1.43	0.3908	63	323.13	0	63	2.5	0.0004618	22.7604	Si
81 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 1	5.14	-19.66	1.6143	121.81	612.93	0	121.81	2.5	0.0007697	23.6845	Si
119 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 15	-5.02	-7.54	-1.5421	120.36	611.43	0	120.36	2.5	0.0007697	23.9685	Si
92 Prosp.A	Orizzontale	0.238	1	Non necessaria	0	SLV 13	-4.86	-25.89	1.2306	122.14	610.54	0	122.14	2.5	0.0007697	25.1434	Si
82 Prosp.A	Orizzontale	0.238	1	Non necessaria	0	SLV 15	-4.8	-27.49	1.4229	122.33	610.74	0	122.33	2.5	0.0007697	25.4853	Si
355 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 3	-4.71	-5.49	1.4563	124.62	646.98	0	124.62	2.5	0.0007697	26.4574	Si
357 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 5	4.44	-2.85	-0.7915	124.28	646.64	0	124.28	2.5	0.0007697	27.9609	Si
138 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 3	-4.11	-9.7	2.9069	125.15	647.53	0	125.15	2.5	0.0007697	30.4556	Si
140 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 5	4.04	-5.62	1.5335	124.63	647	0	124.63	2.5	0.0007697	30.8506	Si
101 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 15	-3.8	-10.46	1.1727	120.71	611.79	0	120.71	2.5	0.0007697	31.7733	Si
102 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 13	-3.79	-13.16	0.8436	121.03	612.13	0	121.03	2.5	0.0007697	31.9248	Si
27 Prosp.A	Orizzontale	0.238	1	Non necessaria	0	SLV 13	-3.77	-15.86	2.0607	120.95	609.31	0	120.95	2.5	0.0007697	32.118	Si

Vano di disinfezione

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
462 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 7	-3.84	-1.72	2.0097	124.14	646.49	0	124.14	2.5	0.0007697	32.3175	Si
57 Prosp.A	Orizzontale	0.238	1	Non necessaria	0	SLV 15	-3.62	-17.8	2.2368	121.18	609.55	0	121.18	2.5	0.0007697	33.5051	Si
403 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 7	-3.71	-2.42	2.4642	124.23	646.58	0	124.23	2.5	0.0007697	33.5114	Si
100 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 15	-3.6	-13.89	0.9153	121.12	612.22	0	121.12	2.5	0.0007697	33.6289	Si
348 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 7	-3.62	-3.14	2.7686	124.32	646.67	0	124.32	2.5	0.0007697	34.3353	Si
509 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 5	1.7	0	0.7589	63	323.13	0	63	2.5	0.0004618	36.9863	Si
343 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 7	-3.32	-3.18	1.2644	124.32	646.68	0	124.32	2.5	0.0007697	37.4453	Si
83 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 3	3.23	-17.84	1.5029	121.59	612.71	0	121.59	2.5	0.0007697	37.5986	Si
345 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 5	3.12	-3.68	1.4769	124.39	646.74	0	124.39	2.5	0.0007697	39.8442	Si
83 Prosp.A	Verticale	0.253	0.987	Non necessaria	0	SLU 10	3.08	-15.62	2.3972	124.26	639.78	0	124.26	2.5	0.0007697	40.3365	Si
80 Prosp.A	Verticale	0.253	0.969	Non necessaria	0	SLU 10	-2.98	-15.74	2.335	122.06	628.21	0	122.06	2.5	0.0007697	40.9106	Si
112 Prosp.A	Orizzontale	0.238	1	Non necessaria	0	SLV 13	-2.94	-14.73	-0.1128	120.82	609.17	0	120.82	2.5	0.0007697	41.1521	Si
137 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 7	-2.99	-4.5	2.7695	124.49	646.85	0	124.49	2.5	0.0007697	41.6493	Si
110 Prosp.A	Orizzontale	0.238	1	Non necessaria	0	SLV 15	-2.83	-14.48	0.0523	120.79	609.14	0	120.79	2.5	0.0007697	42.7352	Si
101 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 5	2.68	-12.39	3.0037	125.49	647.88	0	125.49	2.5	0.0007697	46.8118	Si
121 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 13	-2.48	-7.26	-1.5632	120.33	611.4	0	120.33	2.5	0.0007697	48.5194	Si
120 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 15	-2.45	-7.09	-1.534	120.31	611.38	0	120.31	2.5	0.0007697	49.0396	Si
401 Prosp.A	Orizzontale	0.237	0.65	Non necessaria	0	SLV 15	1.47	3.96	-0.5807	77.28	393.91	0	77.28	2.5	0.0005388	52.4632	Si
348 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 1	-2.21	-11.13	1.2916	120.79	611.88	0	120.79	2.5	0.0007697	54.5678	Si
119 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 11	-2.18	-3.61	2.304	124.38	646.74	0	124.38	2.5	0.0007697	57.0841	Si
137 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 13	-1.98	-4.73	-2.0565	120.02	611.09	0	120.02	2.5	0.0007697	60.6653	Si
96 Prosp.A	Orizzontale	0.237	0.65	Non necessaria	0	SLV 13	-1.3	-12.88	0.4803	78.81	395.49	0	78.81	2.5	0.0005388	60.739	Si
115 Prosp.A	Orizzontale	0.237	0.65	Non necessaria	0	SLV 13	-1.24	-3.28	-0.2242	77.67	394.31	0	77.67	2.5	0.0005388	62.7977	Si
402 Prosp.A	Orizzontale	0.237	0.65	Non necessaria	0	SLV 13	1.2	4.1	-0.5673	77.28	393.91	0	77.28	2.5	0.0005388	64.4756	Si
357 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 1	-1.86	-15.05	0.3425	121.26	612.36	0	121.26	2.5	0.0007697	65.355	Si
403 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 1	-1.71	-8	0.7564	120.41	611.49	0	120.41	2.5	0.0007697	70.6202	Si
116 Prosp.A	Orizzontale	0.237	0.65	Non necessaria	0	SLV 15	-1.08	-2.85	-0.3569	77.62	394.26	0	77.62	2.5	0.0005388	71.9874	Si
131 Prosp.A	Orizzontale	0.238	1	Non necessaria	0	SLV 13	-1.6	-3.67	-1.6351	119.5	607.81	0	119.5	2.5	0.0007697	74.4698	Si
355 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 1	-1.61	-11.78	0.6873	120.87	611.96	0	120.87	2.5	0.0007697	75.1918	Si
97 Prosp.A	Orizzontale	0.237	0.65	Non necessaria	0	SLV 15	-1	-12.34	0.4046	78.75	395.42	0	78.75	2.5	0.0005388	78.51	Si
457 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 13	1.47	0.95	-0.1663	119.46	610.5	0	119.46	2.5	0.0007697	81.1535	Si
341 Prosp.A	Orizzontale	0.237	0.65	Non necessaria	0	SLV 15	0.95	8.01	-0.9845	77.28	393.91	0	77.28	2.5	0.0005388	81.6807	Si
129 Prosp.A	Orizzontale	0.238	1	Non necessaria	0	SLV 15	-1.39	-3.52	-1.5286	119.48	607.79	0	119.48	2.5	0.0007697	85.8409	Si
455 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 15	1.33	1.07	-0.2457	119.46	610.5	0	119.46	2.5	0.0007697	90.0304	Si
463 Prosp.A	Orizzontale	0.237	0.65	Non necessaria	0	SLV 9	0.72	-0.89	-0.5367	77.39	394.02	0	77.39	2.5	0.0005388	108.0393	Si
342 Prosp.A	Orizzontale	0.237	0.65	Non necessaria	0	SLV 13	0.69	7.98	-0.9587	77.28	393.91	0	77.28	2.5	0.0005388	111.4759	Si
81 Prosp.A	Verticale	0.253	0.977	Non necessaria	0	SLV 5	1.09	-8.97	1.7628	122.26	632.84	0	122.26	2.5	0.0007697	111.8106	Si
464 Prosp.A	Orizzontale	0.237	0.65	Non necessaria	0	SLV 11	0.59	-0.74	-0.71	77.37	394	0	77.37	2.5	0.0005388	131.1204	Si
345 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLU 7	-0.88	-9.51	-0.1442	120.6	611.68	0	120.6	2.5	0.0007697	136.7367	Si
140 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 5	-0.89	-15.62	0.5097	121.33	612.43	0	121.33	2.5	0.0007697	136.8968	Si
138 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 11	-0.81	-10.8	-1.1556	120.75	611.84	0	120.75	2.5	0.0007697	149.0006	Si
343 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLU 7	-0.8	-9.37	-0.195	120.58	611.66	0	120.58	2.5	0.0007168	150.8111	Si
57 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLU 10	-0.36	-7.46	0.4694	62.9	324.11	0	62.9	2.5	0.0003848	176.8238	Si
335 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 5	-0.67	-12.65	0.0284	120.97	612.06	0	120.97	2.5	0.0007697	179.5417	Si
134 Prosp.A	Orizzontale	0.237	0.65	Non necessaria	0	SLV 5	-0.38	-9.88	0.0417	78.45	395.12	0	78.45	2.5	0.0005388	205.1709	Si
51 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 13	-0.29	-4.86	0.5063	62.58	323.77	0	62.58	2.5	0.0003848	212.8896	Si
462 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLU 7	0.46	-1.72	-0.5845	119.66	610.71	0	119.66	2.5	0.0007697	257.3927	Si
35 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 11	0.21	-3.05	0.2349	62.35	323.53	0	62.35	2.5	0.0003848	296.7712	Si
334 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 3	-0.4	-11.03	0.6195	120.78	611.86	0	120.78	2.5	0.0007697	304.0046	Si
135 Prosp.A	Orizzontale	0.237	0.65	Non necessaria	0	SLV 11	-0.25	-5.6	-0.3263	77.95	394.59	0	77.95	2.5	0.0005388	316.655	Si

Verifiche a taglio SLD Resistenza D.M. 17-01-18 §4.1.2.3.5

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
116 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 3	-10.43	-11.88	-3.9896	125.43	647.82	0	125.43	2.5	0.0005169	12.0266	Si
115 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 5	10.34	-12.24	-4.2541	125.47	647.86	0	125.47	2.5	0.0005169	12.1296	Si
112 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 5	10.24	-13.47	-0.4307	125.63	648.02	0	125.63	2.5	0.0007604	12.2654	Si
134 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 1	10.14	-7.42	-3.7762	124.86	647.23	0	124.86	2.5	0.0005169	12.3143	Si
135 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 3	-10.02	-7.44	-3.7872	124.86	647.24	0	124.86	2.5	0.0005169	12.4612	Si
341 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 1	8.9	-4.99	-3.3884	124.55	646.91	0	124.55	2.5	0.0005169	13.9888	Si
342 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 3	-8.77	-5.02	-3.3861	124.56	646.92	0	124.56	2.5	0.0005169	14.1956	Si
131 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 1	7.72	-8.44	0.3194	124.99	647.37	0	124.99	2.5	0.0007697	16.1935	Si
43 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 1	7.51	-21.91	-2.0532	122.08	613.21	0	122.08	2.5	0.0007697	16.2612	Si
129 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 3	-7.6	-8.34	0.1475	124.98	647.35	0	124.98	2.5	0.0007697	16.4464	Si
97 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 11	-7.53	-15.93	-3.0437	125.94	648.35	0	125.94	2.5	0.0005169	16.715	Si
82 Prosp.A	Verticale	0.253	0.981	Non necessaria	0	SLD 11	-7.37	-13.63	0.5469	123.27	635.66	0	123.27	2.5	0.0007697	16.7303	Si
92 Prosp.A	Verticale	0.253	0.997	Non necessaria	0	SLD 13	7.26	-12.2	0.8408	125.09	645.89	0	125.09	2.5	0.0007697	17.2303	Si
96 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 13	7.29	-13.5	-2.4685	125.63	648.03	0	125.63	2.5	0.0005169	17.2444	Si
110 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 3	-7.1	-12.35	0.631	125.48	647.88	0	125.48	2.5	0.0007697	17.6805	Si
334 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 3	-6.62	-5.35	0.2444	124.6	646.96	0	124.6	2.5	0.0007697	18.8224	Si
402 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 3	-6.54	-3.11	-2.8094	124.31	646.67	0	124.31	2.5	0.0005169	18.9952	Si
335 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 1	6.53	-5.44	0.4282	124.61	646.97	0	124.61	2.5	0.0007697	19.0782	Si
401 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 1	6.43	-2.93	-2.7469	124.29	646.65	0	124.29	2.5	0.0005169	19.3408	Si
80 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 1	5.79	-18.02	1.5706	121.61	612.73	0	121.61	2.5	0.0007697	21.0162	Si
51 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 1	5.76	-18.21	-1.3502	121.63	612.75	0	121.63	2.5	0.0007697	21.1021	Si
35 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 3	5.76	-18.09	-1.3298	121.62	612.74	0	121.62	2.5	0.0007697	21.1097	Si
120 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 3	-5.67	-8.94	2.1888	125.05	647.43	0	125.05	2.5	0.0007697	22.0452	Si
121 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 1	5.67	-8.92	2.216	125.05	647.43	0	125.05	2.5	0.0007697	22.0626	Si
102 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 5	5.11	-13.04	2.0827	125.57	647.97	0	125.57	2.5	0.0007697	24.5924	Si
27 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 15	2.5	-4.47	0.6093	62.53	323.72	0	62.53	2.5	0.0003848	24.9859	Si
18 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 15	2.48	-5.15	-0.8265	62.61	323.81	0	62.61	2.5	0.0002585	25.2758	Si
100 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 3	-4.88	-12.53	2.3372	125.51	647.9	0	125.51	2.5	0.0007697	25.7263	Si
65 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 13	-2.43	-5.33	-0.8886	62.64	323.83	0	62.64	2.5	0.0002585	25.7812	Si
18 Prosp.A	Orizzontale	0.237	0.65	Non necessaria	0	SLD 13	-2.78	-12.75	1.4152	78.79	395.47	0	78.79	2.5	0.0005388	28.3381	Si
455 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 3	-4.34	-1.23	0.6212	124.08	646.42	0	124.08	2.5	0.0007697	28.5633	Si
65 Prosp.A	Orizzontale	0.237	0.65	Non necessaria	0	SLD 15	-2.74	-14.5	1.5734	79	395.69	0	79	2.5	0.0005388	28.8528	Si
464 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 3	-4.27	-1.23	-1.9879	124.08	646.42	0	124.08	2.5	0.0005169	29.0609	Si
81 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 3	3.97	-16.49	1.5833	121.43	612.54	0	121.43	2.5	0.0007697	30.5921	Si
463 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 1	3.96	-0.92	-1.8377	124.04	646.38	0	124.04	2.5	0.0005169	31.3143	Si
82 Prosp.A	Orizzontale	0.238	1	Non necessaria	0	SLD 15	-3.61	-25.44	1.3289	122.09	610.49	0	122.09	2.5	0.0007697	33.8374	Si
92 Prosp.A	Orizzontale	0.238	1	Non necessaria	0	SLD 13	-3.57	-23.78	1.1675	121.89	610.28	0	121.89	2.5	0.0007697	34.1391	Si
119 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 15	-3.38	-10.35	-0.52	120.7	611.78	0	120.7	2.5	0.0007697	35.6894	Si
530 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 3	-1.67	-0.11	-0.7581	61.97	323.15	0	61.97	2.5	0.0003102	37.1592	Si
457 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 1	3.32	-1.32	0.7452	124.09	646.43	0	124.09	2.5	0.0007697	37.3527	Si
511 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 3	-1.68	-0.06	0.1989	63.01	323.14	0	63.01	2.5	0.0004618	37.4065	Si
355 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 3	-3.05	-3.17	1.0729	124.32	646.68	0	124.32	2.5	0.0007697	40.7026	Si
494 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 1	1.48	0.11	-0.6638	61.96	323.13	0	61.96	2.5	0.0003102	41.8963	Si
496 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 1	1.48	0.07	0.2725	63	323.13	0	63	2.5	0.0004618	42.4659	Si
27 Prosp.A	Orizzontale	0.238	1	Non necessaria	0	SLD 13	-2.78	-12.77	1.4182	120.58	608.93	0	120.58	2.5	0.0007697	43.3706	Si
357 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 5	2.85	-1.87	0.0288	124.16	646.51	0	124.16	2.5	0.0007697	43.5744	Si
57 Prosp.A	Orizzontale	0.238	1	Non necessaria	0	SLD 15	-2.74	-14.55	1.579	120.79	609.15	0	120.79	2.5	0.0007697	44.1305	Si
138 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 7	-2.72	-3.63	1.2512	124.38	646.74	0	124.38	2.5	0.0007697	45.6899	Si
102 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 13	-2.59	-14.28	0.9031	121.16	612.27	0	121.16	2.5	0.0007697	46.7862	Si
140 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 5	2.64	-3.94	1.2874	124.42	646.78	0	124.42	2.5	0.0007697	47.1623	Si

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
101 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 15	-2.46	-12.54	1.1134	120.96	612.05	0	120.96	2.5	0.0007697	49.2002	Si
100 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 15	-2.41	-15.1	0.9551	121.26	612.37	0	121.26	2.5	0.0007697	50.3151	Si
83 Prosp.A	Verticale	0.253	0.987	Non necessaria	0	SLD 5	2.35	-11.98	1.7555	123.8	639.31	0	123.8	2.5	0.0007697	52.7585	Si
80 Prosp.A	Verticale	0.253	0.969	Non necessaria	0	SLD 7	-2.19	-11.46	1.5765	121.52	627.65	0	121.52	2.5	0.0007697	55.4558	Si
462 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 7	-2.22	-2.24	1.2025	124.2	646.56	0	124.2	2.5	0.0007697	56.0553	Si
348 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 7	-2.21	-2.02	1.9471	124.18	646.53	0	124.18	2.5	0.0007697	56.1053	Si
403 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 7	-2.19	-1.56	1.6232	124.12	646.47	0	124.12	2.5	0.0007697	56.6257	Si
112 Prosp.A	Orizzontale	0.238	1	Non necessaria	0	SLD 13	-2.08	-15.14	0.0489	120.86	609.22	0	120.86	2.5	0.0007697	58.1306	Si
83 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 3	2.03	-15.66	1.6292	121.33	612.44	0	121.33	2.5	0.0007697	59.9096	Si
343 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 7	-2.04	-2.03	1.1873	124.18	646.53	0	124.18	2.5	0.0007697	60.761	Si
110 Prosp.A	Orizzontale	0.238	1	Non necessaria	0	SLD 15	-1.91	-15.17	0.1567	120.87	609.22	0	120.87	2.5	0.0007697	63.1522	Si
137 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 7	-1.95	-3.51	2.0738	124.37	646.72	0	124.37	2.5	0.0007697	63.8891	Si
345 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 5	1.87	-2.25	1.2395	124.21	646.56	0	124.21	2.5	0.0007697	66.4815	Si
101 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 5	1.88	-10.96	2.4453	125.31	647.7	0	125.31	2.5	0.0007697	66.5608	Si
509 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 5	0.94	-1.13	0.4242	63.15	323.28	0	63.15	2.5	0.0004618	67.4918	Si
121 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 13	-1.75	-9.56	-0.6941	120.6	611.68	0	120.6	2.5	0.0007697	68.7556	Si
120 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 15	-1.7	-9.64	-0.6399	120.61	611.69	0	120.61	2.5	0.0007697	70.8387	Si
348 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 1	-1.65	-9.62	0.743	120.61	611.69	0	120.61	2.5	0.0007697	72.8822	Si
401 Prosp.A	Orizzontale	0.237	0.65	Non necessaria	0	SLD 15	1.02	1.75	-0.5282	77.28	393.91	0	77.28	2.5	0.0005388	75.8516	Si
96 Prosp.A	Orizzontale	0.237	0.65	Non necessaria	0	SLD 13	-0.98	-12.49	0.4931	78.76	395.44	0	78.76	2.5	0.0005388	80.2814	Si
137 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 13	-1.49	-7.71	-1.0882	120.38	611.45	0	120.38	2.5	0.0007697	80.731	Si
115 Prosp.A	Orizzontale	0.237	0.65	Non necessaria	0	SLD 13	-0.85	-4.79	-0.1037	77.85	394.5	0	77.85	2.5	0.0005388	91.5964	Si
402 Prosp.A	Orizzontale	0.237	0.65	Non necessaria	0	SLD 13	0.82	1.78	-0.5292	77.28	393.91	0	77.28	2.5	0.0005388	94.422	Si
131 Prosp.A	Orizzontale	0.238	1	Non necessaria	0	SLD 13	-1.18	-6.24	-0.9425	119.81	608.13	0	119.81	2.5	0.0007697	101.6921	Si
119 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 5	1.21	-2.64	1.3025	124.26	646.61	0	124.26	2.5	0.0007697	102.6894	Si
97 Prosp.A	Orizzontale	0.237	0.65	Non necessaria	0	SLD 15	-0.74	-12.11	0.3785	78.72	395.39	0	78.72	2.5	0.0005388	105.7809	Si
357 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 1	-1.06	-8.09	0.049	120.43	611.5	0	120.43	2.5	0.0007697	113.2194	Si
403 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 1	-1.05	-5.93	0.3352	120.17	611.23	0	120.17	2.5	0.0007697	114.1995	Si
116 Prosp.A	Orizzontale	0.237	0.65	Non necessaria	0	SLD 15	-0.66	-4.64	-0.1794	77.83	394.48	0	77.83	2.5	0.0005388	118.2791	Si
355 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 1	-0.99	-7.06	0.1571	120.3	611.37	0	120.3	2.5	0.0007697	121.3896	Si
129 Prosp.A	Orizzontale	0.238	1	Non necessaria	0	SLD 15	-0.95	-6.53	-0.8354	119.84	608.16	0	119.84	2.5	0.0007697	125.9934	Si
341 Prosp.A	Orizzontale	0.237	0.65	Non necessaria	0	SLD 15	0.59	3.69	-0.6687	77.28	393.91	0	77.28	2.5	0.0005388	131.3017	Si
457 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 13	0.85	-0.74	-0.1395	119.55	610.59	0	119.55	2.5	0.0007697	139.9738	Si
463 Prosp.A	Orizzontale	0.237	0.65	Non necessaria	0	SLD 9	0.5	-0.64	-0.2456	77.36	393.99	0	77.36	2.5	0.0005388	153.5762	Si
81 Prosp.A	Verticale	0.253	0.977	Non necessaria	0	SLD 5	0.78	-9.07	1.5485	122.27	632.85	0	122.27	2.5	0.0007697	156.4126	Si
455 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 15	0.75	-1.01	-0.2018	119.58	610.63	0	119.58	2.5	0.0007697	160.4111	Si
140 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 5	-0.68	-11.92	0.206	120.88	611.97	0	120.88	2.5	0.0007697	177.9092	Si
342 Prosp.A	Orizzontale	0.237	0.65	Non necessaria	0	SLD 13	0.42	3.6	-0.6332	77.28	393.91	0	77.28	2.5	0.0005388	183.4728	Si
138 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 11	-0.63	-9.53	-0.4978	120.6	611.68	0	120.6	2.5	0.0007697	191.3356	Si
345 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 1	-0.62	-10.03	0.5618	120.66	611.74	0	120.66	2.5	0.0007697	195.3113	Si
464 Prosp.A	Orizzontale	0.237	0.65	Non necessaria	0	SLD 11	0.38	-0.54	-0.327	77.35	393.97	0	77.35	2.5	0.0005388	203.9298	Si
343 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 9	-0.59	-4.91	-0.6365	120.04	611.11	0	120.04	2.5	0.0007168	204.6624	Si
57 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 13	-0.27	-5.45	0.5073	62.65	323.84	0	62.65	2.5	0.0003848	230.8994	Si
335 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 5	-0.45	-8.89	-0.0523	120.52	611.6	0	120.52	2.5	0.0007697	265.2258	Si
51 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 13	-0.21	-4.96	0.5933	62.59	323.78	0	62.59	2.5	0.0003848	300.8204	Si
134 Prosp.A	Orizzontale	0.237	0.65	Non necessaria	0	SLD 5	-0.23	-6.08	-0.0987	78	394.65	0	78	2.5	0.0005388	336.1342	Si
462 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 13	0.35	-0.5	-0.4162	119.52	610.56	0	119.52	2.5	0.0007697	336.7509	Si
334 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 9	-0.3	-1.84	-0.4205	119.68	610.73	0	119.68	2.5	0.0007697	400.284	Si
35 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 11	0.14	-3.61	0.2755	62.42	323.6	0	62.42	2.5	0.0003848	453.7751	Si
43 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 7	0.12	-4.18	0.4638	62.49	323.68	0	62.49	2.5	0.0003848	512.98	Si

Verifiche SLE tensione calcestruzzo D.M. 17-01-18 §4.1.2.2.5.1

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	oc	oc limite	Es/Ec	c.s.	Verifica
116 Prosp.A	Verticale	SLE QP 4	-3.1107	-10.86	No	-228	13073	15	57.4195	Si
115 Prosp.A	Verticale	SLE QP 4	-2.9768	-10.2	No	-217	13073	15	60.1711	Si
97 Prosp.A	Verticale	SLE QP 4	-2.5836	-13.1	No	-202	13073	15	64.7046	Si
80 Prosp.A	Orizzontale	SLE QP 4	2.0452	-21.66	No	-193	13073	15	67.6898	Si
96 Prosp.A	Verticale	SLE QP 4	-2.3957	-12.51	No	-188	13073	15	69.3608	Si
116 Prosp.A	Verticale	SLE RA 7	-3.4338	-11.9	No	-251	17430	15	69.433	Si
81 Prosp.A	Orizzontale	SLE QP 4	2.0846	-18.25	No	-185	13073	15	70.6608	Si
135 Prosp.A	Verticale	SLE QP 4	-2.6382	-5.84	No	-182	13073	15	71.6665	Si
115 Prosp.A	Verticale	SLE RA 7	-3.2879	-11.2	No	-240	17430	15	72.7016	Si
134 Prosp.A	Verticale	SLE QP 4	-2.5977	-5.62	No	-179	13073	15	72.951	Si
83 Prosp.A	Orizzontale	SLE QP 4	1.9921	-17.98	No	-178	13073	15	73.2455	Si
65 Prosp.A	Orizzontale	SLE QP 4	1.1906	-13.8	No	-178	13073	15	73.4528	Si
18 Prosp.A	Orizzontale	SLE QP 4	1.1068	-12.8	No	-165	13073	15	79.0724	Si
97 Prosp.A	Verticale	SLE RA 7	-2.8137	-13.96	No	-219	17430	15	79.5729	Si
135 Prosp.A	Verticale	SLE RA 10	-2.9925	-6.86	No	-208	17430	15	83.9362	Si
96 Prosp.A	Verticale	SLE RA 7	-2.6149	-13.32	No	-205	17430	15	85.1692	Si
134 Prosp.A	Verticale	SLE RA 7	-2.9434	-6.59	No	-204	17430	15	85.5446	Si
80 Prosp.A	Orizzontale	SLE RA 7	2.1719	-22.38	No	-203	17430	15	85.7886	Si
65 Prosp.A	Verticale	SLE QP 4	-0.8993	-5.8	No	-148	13073	15	88.0416	Si
81 Prosp.A	Orizzontale	SLE RA 7	2.2113	-18.85	No	-195	17430	15	89.5379	Si
101 Prosp.A	Verticale	SLE QP 4	1.9097	-9.52	No	-144	13073	15	90.5966	Si
102 Prosp.A	Verticale	SLE QP 4	1.8315	-10.45	No	-142	13073	15	91.7713	Si
100 Prosp.A	Verticale	SLE QP 4	1.8178	-10.6	No	-142	13073	15	91.998	Si
83 Prosp.A	Orizzontale	SLE RA 7	2.1209	-18.6	No	-188	17430	15	92.5429	Si
342 Prosp.A	Verticale	SLE QP 4	-2.1048	-3.11	No	-141	13073	15	92.9628	Si
43 Prosp.A	Orizzontale	SLE QP 4	-1.1223	-22.39	No	-139	13073	15	94.3834	Si
341 Prosp.A	Verticale	SLE QP 4	-2.0607	-3.02	No	-138	13073	15	95.0163	Si
65 Prosp.A	Orizzontale	SLE RA 7	1.2217	-14.3	No	-183	17430	15	95.0863	Si
18 Prosp.A	Verticale	SLE QP 4	-0.8102	-5.69	No	-137	13073	15	95.6078	Si
119 Prosp.A	Verticale	SLE QP 4	1.9477	-6.13	No	-136	13073	15	96.0759	Si
82 Prosp.A	Orizzontale	SLE QP 4	1.266	-18.16	No	-134	13073	15	97.25	Si
57 Prosp.A	Orizzontale	SLE QP 2	1.2986	-17.15	No	-133	13073	15	98.0607	Si
101 Prosp.A	Orizzontale	SLE QP 4	1.3482	-15.81	No	-132	13073	15	98.9837	Si
83 Prosp.A	Verticale	SLE QP 4	1.5702	-10.72	No	-129	13073	15	101.2466	Si
80 Prosp.A	Verticale	SLE QP 4	1.5263	-10.79	No	-129	13073	15	101.4923	Si
18 Prosp.A	Orizzontale	SLE RA 7	1.1398	-13.27	No	-171	17430	15	102.1204	Si
100 Prosp.A	Orizzontale	SLE QP 4	1.1885	-17.48	No	-127	13073	15	102.6266	Si
342 Prosp.A	Verticale	SLE RA 7	-2.4692	-3.96	No	-166	17430	15	105.0418	Si
341 Prosp.A	Verticale	SLE RA 7	-2.4243	-3.86	No	-163	17430	15	107.0479	Si
27 Prosp.A	Orizzontale	SLE QP 2	1.1669	-15.72	No	-121	13073	15	108.281	Si
101 Prosp.A	Verticale	SLE RA 7	2.1251	-10.55	No	-160	17430	15	108.6645	Si
92 Prosp.A	Orizzontale	SLE QP 4	1.1907	-14.98	No	-120	13073	15	108.9934	Si
65 Prosp.A	Verticale	SLE RA 7	-0.9719	-6.12	No	-160	17430	15	109.2623	Si
102 Prosp.A	Verticale	SLE RA 7	2.0347	-11.49	No	-158	17430	15	110.3919	Si
100 Prosp.A	Verticale	SLE RA 7	2.0196	-11.65	No	-157	17430	15	110.6764	Si
121 Prosp.A	Verticale	SLE QP 4	1.6499	-5.51	No	-116	13073	15	112.4551	Si
119 Prosp.A	Verticale	SLE RA 7	2.195	-7.15	No	-154	17430	15	113.0999	Si
43 Prosp.A	Orizzontale	SLE RA 7	-1.3104	-23.11	No	-152	17430	15	114.4392	Si
102 Prosp.A	Orizzontale	SLE QP 4	1.0743	-15.39	No	-114	13073	15	114.7895	Si
120 Prosp.A	Verticale	SLE QP 4	1.5964	-5.77	No	-114	13073	15	114.8372	Si
18 Prosp.A	Verticale	SLE RA 7	-0.8772	-5.99	No	-147	17430	15	118.5937	Si
81 Prosp.A	Verticale	SLE QP 4	1.2914	-9.51	No	-109	13073	15	119.5605	Si
101 Prosp.A	Orizzontale	SLE RA 7	1.5032	-16.34	No	-143	17430	15	121.6691	Si
82 Prosp.A	Orizzontale	SLE RA 7	1.3516	-18.77	No	-142	17430	15	123.104	Si
96 Prosp.A	Orizzontale	SLE QP 4	0.5155	-12.1	No	-106	13073	15	123.2755	Si
83 Prosp.A	Verticale	SLE RA 7	1.7192	-11.5	No	-141	17430	15	123.9271	Si
80 Prosp.A	Verticale	SLE RA 7	1.6746	-11.59	No	-141	17430	15	124.0497	Si
137 Prosp.A	Verticale	SLE QP 3	1.6141	-2.46	No	-105	13073	15	124.91	Si
100 Prosp.A	Orizzontale	SLE RA 7	1.3322	-18.12	No	-138	17430	15	126.1106	Si
57 Prosp.A	Orizzontale	SLE RA 3	1.3363	-17.76	No	-138	17430	15	126.7455	Si
92 Prosp.A	Verticale	SLE QP 4	1.0368	-11.89	No	-99	13073	15	131.5095	Si
121 Prosp.A	Verticale	SLE RA 7	1.8498	-6.52	No	-131	17430	15	132.6664	Si
402 Prosp.A	Verticale	SLE QP 4	-1.5042	-1.43	No	-98	13073	15	133.4157	Si
27 Prosp.A	Verticale	SLE QP 4	0.562	-4.88	No	-98	13073	15	133.6876	Si
120 Prosp.A	Verticale	SLE RA 7	1.7941	-6.79	No	-129	17430	15	135.2435	Si
92 Prosp.A	Orizzontale	SLE RA 7	1.2772	-15.56	No	-127	17430	15	137.1704	Si
57 Prosp.A	Verticale	SLE QP 4	0.5229	-5.2	No	-95	13073	15	137.4907	Si
82 Prosp.A	Verticale	SLE QP 4	0.9481	-11.73	No	-95	13073	15	137.6771	Si
140 Prosp.A	Verticale	SLE QP 3	1.4627	-2.17	No	-95	13073	15	138.1232	Si
51 Prosp.A	Verticale	SLE QP 4	0.5603	-4.32	No	-94	13073	15	138.9465	Si
27 Prosp.A	Orizzontale	SLE RA 3	1.2016	-16.29	No	-125	17430	15	139.8128	Si
102 Prosp.A	Orizzontale	SLE RA 7	1.212	-15.98	No	-124	17430	15	140.3708	Si
51 Prosp.A	Orizzontale	SLE QP 4	-0.7463	-14.91	No	-92	13073	15	141.8583	Si
137 Prosp.A	Verticale	SLE RA 10	1.8611	-3.26	No	-122	17430	15	142.8968	Si
35 Prosp.A	Orizzontale	SLE QP 4	-0.7472	-14.58	No	-91	13073	15	143.3717	Si
401 Prosp.A	Verticale	SLE QP 4	-1.3762	-1.35	No	-90	13073	15	145.6376	Si
138 Prosp.A	Verticale	SLE QP 3	1.3737	-2.32	No	-90	13073	15	145.6451	Si
81 Prosp.A	Verticale	SLE RA 7	1.4203	-10.28	No	-120	17430	15	145.6549	Si
402 Prosp.A	Verticale	SLE RA 7	-1.8232	-1.96	No	-119	17430	15	145.9067	Si
96 Prosp.A	Orizzontale	SLE RA 7	0.5607	-12.62	No	-113	17430	15	154.5255	Si
401 Prosp.A	Verticale	SLE RA 7	-1.7062	-1.88	No	-112	17430	15	155.7082	Si
140 Prosp.A	Verticale	SLE RA 10	1.6687	-2.94	No	-109	17430	15	159.2696	Si
92 Prosp.A	Verticale	SLE RA 7	1.1298	-12.71	No	-108	17430	15	162.0404	Si
348 Prosp.A	Verticale	SLE QP 3	1.2711	-0.83	No	-79	13073	15	165.4878	Si
97 Prosp.A	Orizzontale	SLE QP 4	0.4162	-8.32	No	-79	13073	15	165.9893	Si
27 Prosp.A	Verticale	SLE RA 7	0.6064	-5.18	No	-105	17430	15	166.0337	Si
138 Prosp.A	Verticale	SLE RA 10	1.5763	-3.1	No	-104	17430	15	166.9937	Si
345 Prosp.A	Verticale	SLE QP 3	1.2627	-0.76	No	-78	13073	15	167.0295	Si
82 Prosp.A	Verticale	SLE RA 7	1.0372	-12.54	No	-103	17430	15	169.2576	Si
43 Prosp.A	Verticale	SLE QP 4	0.3966	-4.68	No	-77	13073	15	170.473	Si
51 Prosp.A	Orizzontale	SLE RA 10	-0.8999	-15.09	No	-102	17430	15	170.5545	Si
51 Prosp.A	Verticale	SLE RA 7	0.6079	-4.6	No	-102	17430	15	171.6268	Si
35 Prosp.A	Orizzontale	SLE RA 10	-0.8971	-14.73	No	-101	17430	15	172.7274	Si
343 Prosp.A	Verticale	SLE QP 3	1.1611	-0.81	No	-72	13073	15	180.7829	Si
348 Prosp.A	Verticale	SLE RA 10	1.4917	-1.49	No	-94	17430	15	184.8522	Si
345 Prosp.A	Verticale	SLE RA 10	1.463	-1.41	No	-92	17430	15	188.7795	Si
112 Prosp.A	Verticale	SLE QP 4	0.5739	-10.45	No	-67	13073	15	195.3635	Si

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	oc	oc limite	Es/Ec	c.s.	Verifica
35 Prosp.A	Verticale	SLE QP 4	0.3606	-3.77	No	-67	13073	15	195.9757	Si
110 Prosp.A	Verticale	SLE QP 4	0.5539	-10.71	No	-66	13073	15	196.7101	Si
110 Prosp.A	Orizzontale	SLE QP 4	0.469	-11.78	No	-65	13073	15	199.7721	Si

Verifiche SLE tensione acciaio D.M. 17-01-18 §4.1.2.2.5.2

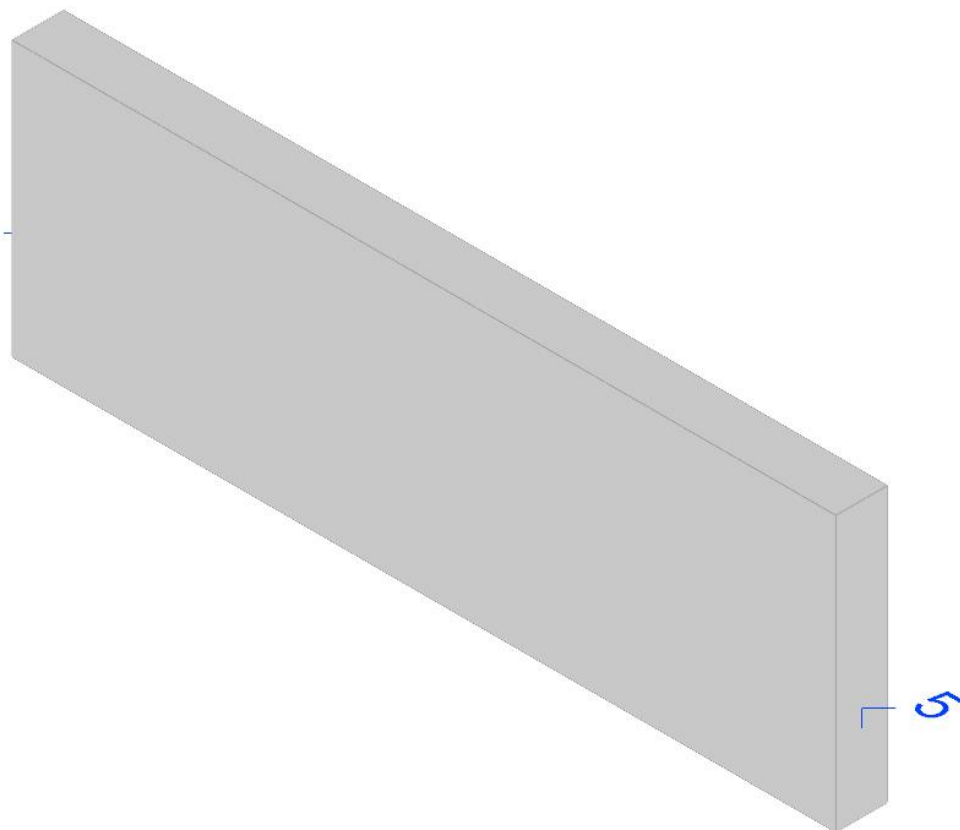
Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	of	of limite	Es/Ec	c.s.	Verifica
116 Prosp.A	Verticale	SLE RA 10	-3.4305	-11.84	No	1632	360000	15	220.5373	Si
135 Prosp.A	Verticale	SLE RA 7	-2.9924	-6.83	No	1590	360000	15	226.4171	Si
115 Prosp.A	Verticale	SLE RA 7	-3.2879	-11.2	No	1572	360000	15	229.072	Si
134 Prosp.A	Verticale	SLE RA 7	-2.9434	-6.59	No	1570	360000	15	229.3127	Si
342 Prosp.A	Verticale	SLE RA 7	-2.4692	-3.96	No	1392	360000	15	258.6262	Si
341 Prosp.A	Verticale	SLE RA 7	-2.4243	-3.86	No	1368	360000	15	263.1653	Si
97 Prosp.A	Verticale	SLE RA 10	-2.8016	-13.76	No	1139	360000	15	316.1866	Si
402 Prosp.A	Verticale	SLE RA 7	-1.8232	-1.96	No	1074	360000	15	335.3134	Si
96 Prosp.A	Verticale	SLE RA 10	-2.6062	-13.11	No	1044	360000	15	344.7701	Si
119 Prosp.A	Verticale	SLE RA 10	2.1997	-6.96	No	1039	360000	15	346.4385	Si
401 Prosp.A	Verticale	SLE RA 7	-1.7062	-1.88	No	1003	360000	15	359.066	Si
137 Prosp.A	Verticale	SLE RA 10	1.8611	-3.26	No	1001	360000	15	359.5519	Si
140 Prosp.A	Verticale	SLE RA 10	1.6687	-2.94	No	897	360000	15	401.4827	Si
348 Prosp.A	Verticale	SLE RA 10	1.4917	-1.49	No	855	360000	15	421.2441	Si
121 Prosp.A	Verticale	SLE RA 10	1.8529	-6.37	No	852	360000	15	422.6549	Si
345 Prosp.A	Verticale	SLE RA 10	1.463	-1.41	No	840	360000	15	428.394	Si
101 Prosp.A	Verticale	SLE RA 10	2.1239	-10.32	No	836	360000	15	430.6118	Si
138 Prosp.A	Verticale	SLE RA 10	1.5763	-3.1	No	832	360000	15	432.7122	Si
120 Prosp.A	Verticale	SLE RA 10	1.7955	-6.65	No	803	360000	15	448.2549	Si
343 Prosp.A	Verticale	SLE RA 10	1.3598	-1.46	No	774	360000	15	465.0723	Si
102 Prosp.A	Verticale	SLE RA 10	2.0331	-11.27	No	736	360000	15	489.3613	Si
100 Prosp.A	Verticale	SLE RA 10	2.0168	-11.44	No	718	360000	15	501.7218	Si
464 Prosp.A	Verticale	SLE RA 7	-1.1878	-1.84	No	673	360000	15	535.2346	Si
65 Prosp.A	Verticale	SLE RA 10	-0.9663	-6	No	666	360000	15	540.505	Si
403 Prosp.A	Verticale	SLE RA 10	1.1218	-1.21	No	639	360000	15	563.6442	Si
357 Prosp.A	Verticale	SLE RA 10	1.0573	-1.44	No	588	360000	15	612.2206	Si
18 Prosp.A	Verticale	SLE RA 10	-0.873	-5.87	No	559	360000	15	644.1944	Si
463 Prosp.A	Verticale	SLE RA 7	-0.9854	-1.61	No	554	360000	15	649.5983	Si
83 Prosp.A	Verticale	SLE RA 10	1.7101	-11.33	No	539	360000	15	667.4375	Si
119 Prosp.A	Orizzontale	SLE RA 1	-0.1631	-13.39	No	-532	360000	15	676.5202	Si
80 Prosp.A	Verticale	SLE RA 10	1.6673	-11.41	No	517	360000	15	696.7496	Si
355 Prosp.A	Verticale	SLE RA 10	0.9191	-1.39	No	505	360000	15	713.1883	Si
530 Prosp.A	Verticale	SLE RA 7	-0.4521	-1.28	No	451	360000	15	799.088	Si
81 Prosp.A	Verticale	SLE RA 10	1.4153	-10.13	No	414	360000	15	868.6102	Si
96 Prosp.A	Orizzontale	SLE RA 10	0.5618	-11.92	No	-374	360000	15	963.3768	Si
81 Prosp.A	Orizzontale	SLE RA 10	2.1838	-17.82	No	371	360000	15	970.0683	Si
27 Prosp.A	Verticale	SLE RA 7	0.6144	-4.37	No	355	360000	15	1013.7739	Si
119 Prosp.A	Orizzontale	SLE RA 10	0.4289	-12.63	No	-351	360000	15	1025.4725	Si
137 Prosp.A	Orizzontale	SLE RA 10	0.1832	-9.49	No	-340	360000	15	1058.5197	Si
341 Prosp.A	Orizzontale	SLE RA 10	-0.4391	-0.45	No	338	360000	15	1065.1681	Si
83 Prosp.A	Orizzontale	SLE RA 10	2.0978	-17.59	No	335	360000	15	1076.1117	Si
401 Prosp.A	Orizzontale	SLE RA 10	-0.4168	-0.32	No	328	360000	15	1097.3706	Si
51 Prosp.A	Verticale	SLE RA 7	0.6079	-4.6	No	326	360000	15	1104.298	Si
494 Prosp.A	Verticale	SLE RA 7	-0.3296	-1.07	No	315	360000	15	1141.8944	Si
402 Prosp.A	Orizzontale	SLE RA 10	-0.4028	-0.38	No	312	360000	15	1153.1833	Si
342 Prosp.A	Orizzontale	SLE RA 10	-0.4122	-0.61	No	304	360000	15	1185.8617	Si
120 Prosp.A	Orizzontale	SLE RA 10	0.3494	-10.67	No	-303	360000	15	1186.2582	Si
43 Prosp.A	Orizzontale	SLE RA 10	-1.3531	-22.02	No	-280	360000	15	1286.3992	Si
92 Prosp.A	Orizzontale	SLE RA 10	-0.0893	-6.5	No	-253	360000	15	1423.6784	Si
335 Prosp.A	Verticale	SLE RA 10	0.6415	-3.13	No	252	360000	15	1430.0827	Si
110 Prosp.A	Orizzontale	SLE RA 10	0.5417	-11.59	No	-240	360000	15	1497.161	Si
462 Prosp.A	Verticale	SLE RA 10	0.6197	-3.2	No	235	360000	15	1531.7928	Si
121 Prosp.A	Orizzontale	SLE RA 10	0.2732	-8.16	No	-229	360000	15	1573.8526	Si
97 Prosp.A	Orizzontale	SLE RA 10	0.4446	-8.2	No	-208	360000	15	1730.7132	Si
51 Prosp.A	Orizzontale	SLE RA 10	-0.8999	-15.09	No	-207	360000	15	1740.5188	Si
82 Prosp.A	Orizzontale	SLE RA 1	-0.0195	-4.68	No	-207	360000	15	1743.0271	Si
112 Prosp.A	Orizzontale	SLE RA 10	0.4906	-10.08	No	-198	360000	15	1816.3644	Si
97 Prosp.A	Orizzontale	SLE RA 10	-0.0622	-3.51	No	-197	360000	15	1826.5261	Si
457 Prosp.A	Verticale	SLE RA 10	0.5412	-3	No	196	360000	15	1839.1864	Si
35 Prosp.A	Orizzontale	SLE RA 10	-0.8971	-14.73	No	-192	360000	15	1878.1758	Si
80 Prosp.A	Orizzontale	SLE RA 10	2.1449	-21.31	No	187	360000	15	1920.4048	Si
463 Prosp.A	Orizzontale	SLE RA 7	-0.254	-0.42	No	184	360000	15	1952.9787	Si
112 Prosp.A	Orizzontale	SLE RA 10	-0.0958	-5.06	No	-182	360000	15	1976.1433	Si
96 Prosp.A	Orizzontale	SLE RA 2	-0.0128	-2.61	No	-174	360000	15	2065.1566	Si
140 Prosp.A	Orizzontale	SLE RA 10	0.0442	-4.09	No	-166	360000	15	2174.5443	Si
464 Prosp.A	Orizzontale	SLE RA 7	-0.223	-0.35	No	163	360000	15	2214.3122	Si
455 Prosp.A	Verticale	SLE RA 10	0.3676	-1.41	No	162	360000	15	2219.2038	Si
462 Prosp.A	Orizzontale	SLE RA 7	-0.4008	-1.3	No	160	360000	15	2256.9499	Si
334 Prosp.A	Verticale	SLE RA 10	0.4937	-3.17	No	159	360000	15	2267.9222	Si
138 Prosp.A	Orizzontale	SLE RA 10	0.0449	-3.9	No	-157	360000	15	2298.2803	Si
116 Prosp.A	Orizzontale	SLE RA 10	-0.0382	-2.64	No	-155	360000	15	2322.6837	Si
110 Prosp.A	Orizzontale	SLE RA 10	-0.0549	-3.92	No	-152	360000	15	2372.4931	Si
129 Prosp.A	Orizzontale	SLE RA 10	-0.1608	-5.14	No	-150	360000	15	2397.6864	Si
43 Prosp.A	Orizzontale	SLE RA 1	0.0395	-3.43	No	-137	360000	15	2618.9305	Si
101 Prosp.A	Orizzontale	SLE RA 10	1.4374	-14.13	No	133	360000	15	2710.0688	Si
129 Prosp.A	Orizzontale	SLE RA 10	0.0992	-3.99	No	-131	360000	15	2758.4944	Si
343 Prosp.A	Orizzontale	SLE RA 10	0.0487	-3.35	No	-130	360000	15	2779.1285	Si
57 Prosp.A	Orizzontale	SLE RA 10	-0.314	-6.51	No	-129	360000	15	2782.8585	Si
134 Prosp.A	Orizzontale	SLE RA 10	-0.3301	-2.11	No	128	360000	15	2805.7491	Si
35 Prosp.A	Verticale	SLE RA 3	0.3472	-3.27	No	126	360000	15	2848.4772	Si
115 Prosp.A	Orizzontale	SLE RA 10	-0.0076	-1.84	No	-125	360000	15	2891.3034	Si
345 Prosp.A	Orizzontale	SLE RA 10	0.0499	-3.16	No	-119	360000	15	3013.3662	Si
27 Prosp.A	Orizzontale	SLE RA 10	-0.3156	-6.26	No	-117	360000	15	3073.8126	Si
92 Prosp.A	Verticale	SLE RA 10	1.1211	-12.51	No	114	360000	15	3167.8588	Si
335 Prosp.A	Orizzontale	SLE RA 10	-0.4907	-3.39	No	112	360000	15	3219.8774	Si
355 Prosp.A	Orizzontale	SLE RA 10	-0.4987	-3.57	No	108	360000	15	3330.0561	Si
138 Prosp.A	Orizzontale	SLE RA 10	-0.1646	-4.2	No	-105	360000	15	3439.0645	Si
131 Prosp.A	Orizzontale	SLE RA 10	-0.274	-5.33	No	-97	360000	15	3714.6396	Si
135 Prosp.A	Orizzontale	SLE RA 10	-0.319	-2.48	No	93	360000	15	3881.9048	Si
82 Prosp.A	Orizzontale	SLE RA 10	1.3365	-17.81	No	-92	360000	15	3916.8064	Si
494 Prosp.A	Verticale	SLE RA 1	0.1122	-0.53	No	92	360000	15	3920.3188	Si
110 Prosp.A	Verticale	SLE RA 1	0.3288	-6.28	No	-88	360000	15	4098.4309	Si

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	of	of limite	Es/Ec	c.s.	Verifica
131 Prosp.A	Verticale	SLE RA 3	0.271	-1.76	No	86	360000	15	4179.9977	Si
509 Prosp.A	Verticale	SLE RA 4	-0.006	-1	No	-84	360000	15	4291.1555	Si
131 Prosp.A	Orizzontale	SLE RA 10	0.0984	-2.97	No	-84	360000	15	4297.251	Si
463 Prosp.A	Verticale	SLE RA 1	0.1576	-0.4	No	82	360000	15	4406.653	Si
43 Prosp.A	Verticale	SLE RA 10	0.4281	-4.94	No	72	360000	15	5031.0858	Si
140 Prosp.A	Orizzontale	SLE RA 10	-0.1946	-3.74	No	-67	360000	15	5388.32	Si
57 Prosp.A	Verticale	SLE RA 1	0.3616	-4.1	No	67	360000	15	5389.5514	Si
348 Prosp.A	Orizzontale	SLE RA 1	-0.4756	-7.05	No	-66	360000	15	5439.526	Si

Parete FILI 4-5

Verifiche condotte secondo D.M. 17-01-18 (N.T.C.)

Geometria

**Caratteristiche dei materiali**

Acciaio: B450C Fyk 450000

Calcestruzzo: C28/35 Rck 35000

Livelli significativi

Descrizione breve	Descrizione	Quota	Spessore
L2	Platea di fondazione	-0.55	0
L3	Piano campagna	0	0
L4	Livello coronamento	1.05	0

Verifiche nei nodi**Sezioni rettangolari**

Descrizione	Dir.	Base	Altezza	As,sup	As,inf	c,sup	c,inf
231 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
230 Prosp.A	Orizzontale	0.98	0.3	0.00077	0.00077	0.0622	0.0622
232 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
233 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
234 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
235 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
236 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
229 Prosp.A	Orizzontale	0.5	0.3	0.000462	0.000462	0.0631	0.0631
237 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
238 Prosp.A	Orizzontale	0.98	0.3	0.00077	0.00077	0.0622	0.0622
382 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
381 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
383 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
384 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
380 Prosp.A	Orizzontale	0.98	0.3	0.00077	0.00077	0.0622	0.0622
385 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
386 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
379 Prosp.A	Orizzontale	0.5	0.3	0.000462	0.000462	0.0631	0.0631
239 Prosp.A	Orizzontale	0.5	0.3	0.000462	0.000462	0.0631	0.0631
387 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
388 Prosp.A	Orizzontale	0.98	0.3	0.00077	0.00077	0.0622	0.0622
444 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
445 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
389 Prosp.A	Orizzontale	0.5	0.3	0.000462	0.000462	0.0631	0.0631
234 Prosp.A	Verticale	0.5	0.3	0.000385	0.000385	0.047	0.047
443 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
235 Prosp.A	Verticale	0.5	0.3	0.000385	0.000385	0.047	0.047
233 Prosp.A	Verticale	0.5	0.3	0.000385	0.000385	0.047	0.047
446 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
442 Prosp.A	Orizzontale	0.98	0.3	0.00077	0.00077	0.0622	0.0622
236 Prosp.A	Verticale	0.5	0.3	0.000385	0.000385	0.047	0.047
237 Prosp.A	Verticale	0.5	0.3	0.000385	0.000385	0.047	0.047
447 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
230 Prosp.A	Verticale	0.5	0.3	0.000385	0.000385	0.047	0.047
232 Prosp.A	Verticale	0.5	0.3	0.000385	0.000385	0.047	0.047
441 Prosp.A	Orizzontale	0.5	0.3	0.000462	0.000462	0.0631	0.0631

Descrizione	Dir.	Base	Altezza	As,sup	As,inf	c,sup	c,inf
231 Prosp.A	Verticale	0.5	0.3	0.000385	0.000385	0.047	0.047
448 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
384 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
449 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
383 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
238 Prosp.A	Verticale	0.5	0.3	0.000385	0.000385	0.047	0.047
385 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
382 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
380 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
381 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
386 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
450 Prosp.A	Orizzontale	0.98	0.3	0.00077	0.00077	0.0622	0.0622
451 Prosp.A	Orizzontale	0.5	0.3	0.000462	0.000462	0.0631	0.0631
387 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
502 Prosp.A	Verticale	0.5	0.3	0.000385	0.000385	0.047	0.047
503 Prosp.A	Verticale	0.5	0.3	0.000385	0.000385	0.047	0.047
504 Prosp.A	Verticale	0.5	0.3	0.000385	0.000385	0.047	0.047
505 Prosp.A	Verticale	0.5	0.3	0.000385	0.000385	0.047	0.047
501 Prosp.A	Verticale	0.5	0.3	0.000385	0.000385	0.047	0.047
447 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
446 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
448 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
506 Prosp.A	Verticale	0.5	0.3	0.000385	0.000385	0.047	0.047
500 Prosp.A	Verticale	0.5	0.3	0.000385	0.000385	0.047	0.047
444 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
445 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
449 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
443 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
388 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
450 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
442 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
507 Prosp.A	Verticale	0.5	0.3	0.000385	0.000385	0.047	0.047
499 Prosp.A	Verticale	0.5	0.3	0.000385	0.000385	0.047	0.047

Verifiche a flessione SLU D.M. 17-01-18 §4.1.2.3.4.2

La struttura è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione, per le combinazioni SLV, viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
231 Prosp.A	Orizzontale	SLV 11	-9.7131	-7.62	-71.9404	-56.47	7.4065	Si
230 Prosp.A	Orizzontale	SLV 11	-10.1623	-13.22	-75.7837	-98.62	7.4573	Si
231 Prosp.A	Orizzontale	SLV 9	9.4906	-6.96	71.4832	-52.44	7.532	Si
232 Prosp.A	Orizzontale	SLV 11	-9.5502	-7.95	-72.3724	-60.28	7.5781	Si
233 Prosp.A	Orizzontale	SLV 11	-9.4083	-7.94	-72.4627	-61.12	7.702	Si
232 Prosp.A	Orizzontale	SLV 9	9.3969	-7.92	72.4627	-61.1	7.7113	Si
233 Prosp.A	Orizzontale	SLV 5	9.3141	-8.18	72.7791	-63.95	7.8139	Si
230 Prosp.A	Orizzontale	SLV 9	9.9328	-14.89	77.7691	-116.59	7.8295	Si
234 Prosp.A	Orizzontale	SLV 7	-9.2503	-7.83	-72.4988	-61.4	7.8375	Si
234 Prosp.A	Orizzontale	SLV 5	9.1817	-7.7	72.4175	-60.74	7.8871	Si
235 Prosp.A	Orizzontale	SLV 7	-8.9988	-7.26	-72.1382	-58.23	8.0164	Si
235 Prosp.A	Orizzontale	SLV 5	8.9499	-7.02	71.9404	-56.45	8.0381	Si
236 Prosp.A	Orizzontale	SLV 5	8.6076	-6.07	71.233	-50.22	8.2756	Si
236 Prosp.A	Orizzontale	SLV 7	-8.6285	-6.44	-71.5995	-53.44	8.298	Si
229 Prosp.A	Orizzontale	SLV 11	-5.47	-9.81	-47.3205	-84.83	8.6509	Si
237 Prosp.A	Orizzontale	SLV 7	-7.9592	-5.69	-71.3223	-50.97	8.961	Si
237 Prosp.A	Orizzontale	SLV 5	7.9722	-5.84	71.4743	-52.31	8.9654	Si
229 Prosp.A	Orizzontale	SLV 9	5.3634	-11.93	50.1285	-111.47	9.3464	Si
238 Prosp.A	Orizzontale	SLV 7	-6.6497	-13.93	-84.2959	-176.53	12.6767	Si
238 Prosp.A	Orizzontale	SLV 5	6.7251	-16.1	87.969	-210.65	13.0806	Si
382 Prosp.A	Orizzontale	SLV 11	-5.0757	-5.17	-74.0815	-75.52	14.5953	Si
381 Prosp.A	Orizzontale	SLV 11	-5.1918	-6.59	-76.489	-97.11	14.7327	Si
382 Prosp.A	Orizzontale	SLV 9	4.9761	-5.31	74.5222	-79.51	14.976	Si
381 Prosp.A	Orizzontale	SLV 9	5.0794	-6.25	76.0967	-93.58	14.9815	Si
383 Prosp.A	Orizzontale	SLV 11	-4.9668	-5.74	-75.3716	-87.09	15.1751	Si
383 Prosp.A	Orizzontale	SLV 5	4.886	-5.78	75.6313	-89.42	15.4792	Si
384 Prosp.A	Orizzontale	SLV 7	-4.8017	-5.59	-75.4457	-87.76	15.7124	Si
380 Prosp.A	Orizzontale	SLV 11	-5.1968	-10.16	-82.6946	-161.72	15.9125	Si
384 Prosp.A	Orizzontale	SLV 5	4.7476	-5.61	75.6313	-89.4	15.9306	Si
380 Prosp.A	Orizzontale	SLV 9	5.0714	-10.23	83.4095	-168.29	16.447	Si
385 Prosp.A	Orizzontale	SLV 7	-4.5582	-5.3	-75.4457	-87.78	16.5518	Si
385 Prosp.A	Orizzontale	SLV 5	4.5225	-5.2	75.3252	-86.69	16.6556	Si
386 Prosp.A	Orizzontale	SLV 7	-4.179	-4.53	-74.6878	-80.99	17.872	Si
386 Prosp.A	Orizzontale	SLV 5	4.1664	-4.56	74.7892	-81.91	17.9506	Si
379 Prosp.A	Orizzontale	SLV 11	-2.6749	-6.3	-51.0324	-120.13	19.078	Si
379 Prosp.A	Orizzontale	SLV 9	2.6059	-6.74	52.7104	-136.28	20.2271	Si
239 Prosp.A	Orizzontale	SLV 7	-3.0131	-11.36	-62.7967	-236.67	20.8411	Si
387 Prosp.A	Orizzontale	SLV 7	-3.9146	-7.29	-82.7867	-154.2	21.1479	Si
387 Prosp.A	Orizzontale	SLV 5	3.9206	-7.46	83.2303	-158.32	21.229	Si
239 Prosp.A	Orizzontale	SLV 5	3.0745	-13.25	68.3881	-294.83	22.2438	Si
388 Prosp.A	Orizzontale	SLV 7	-3.2551	-9.81	-96.3994	-290.42	29.6152	Si
388 Prosp.A	Orizzontale	SLV 5	3.2957	-11.41	103.3717	-357.76	31.3653	Si
444 Prosp.A	Orizzontale	SLV 11	-2.0285	-3.09	-79.0999	-120.66	38.9936	Si
445 Prosp.A	Orizzontale	SLV 7	-1.9938	-3.03	-79.0617	-120.34	39.6535	Si
389 Prosp.A	Orizzontale	SLV 7	-1.5988	-6.38	-65.0137	-259.5	40.6644	Si
444 Prosp.A	Orizzontale	SLV 9	1.9654	-3.15	79.925	-128.18	40.6656	Si
234 Prosp.A	Verticale	SLV 7	-0.8386	0.09	-34.1831	3.77	40.7616	Si
443 Prosp.A	Orizzontale	SLV 11	-2.0286	-3.78	-82.7867	-154.27	40.8094	Si
445 Prosp.A	Orizzontale	SLV 5	1.9384	-3.1	79.8865	-127.84	41.2127	Si
235 Prosp.A	Verticale	SLV 7	-0.841	-0.02	-34.735	-0.96	41.3001	Si
233 Prosp.A	Verticale	SLV 7	-0.8148	0.04	-34.4212	1.74	42.2454	Si
446 Prosp.A	Orizzontale	SLV 7	-1.9106	-3.21	-80.7652	-135.84	42.2713	Si
443 Prosp.A	Orizzontale	SLV 9	1.9655	-3.87	83.9928	-165.31	42.7341	Si
446 Prosp.A	Orizzontale	SLV 5	1.8631	-3.23	81.3674	-141.28	43.6736	Si
389 Prosp.A	Orizzontale	SLV 5	1.6259	-7.39	71.0186	-322.87	43.6801	Si
442 Prosp.A	Orizzontale	SLV 11	-1.9767	-4.49	-86.4464	-196.45	43.7332	Si
236 Prosp.A	Verticale	SLV 5	0.8614	-0.67	38.0284	-29.51	44.1457	Si
237 Prosp.A	Verticale	SLV 7	-0.8611	-0.77	-38.624	-34.74	44.8569	Si
442 Prosp.A	Orizzontale	SLV 9	1.9142	-4.39	86.6974	-198.79	45.2915	Si
236 Prosp.A	Verticale	SLV 7	-0.7961	-0.28	-36.0932	-12.68	45.3396	Si
235 Prosp.A	Verticale	SLV 5	0.8264	-0.58	37.6743	-26.41	45.5906	Si
447 Prosp.A	Orizzontale	SLV 7	-1.7635	-2.98	-80.8234	-136.36	45.8317	Si

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
447 Prosp.A	Orizzontale	SLV 5	1.7269	-2.97	81.1729	-139.52	47.0046	Si
234 Prosp.A	Verticale	SLV 5	0.8022	-0.61	37.9237	-28.6	47.2733	Si
230 Prosp.A	Verticale	SLV 9	0.7526	-0.29	36.2337	-13.9	48.142	Si
232 Prosp.A	Verticale	SLV 7	-0.7873	-0.63	-38.1356	-30.46	48.4379	Si
230 Prosp.A	Verticale	SLV 11	-0.7856	-0.73	-38.7624	-35.94	49.3387	Si
232 Prosp.A	Verticale	SLV 5	0.744	-0.45	37.2305	-22.55	50.0406	Si
233 Prosp.A	Verticale	SLV 5	0.7797	-0.78	39.1147	-39.04	50.1678	Si
237 Prosp.A	Verticale	SLV 5	0.8445	-1.39	42.6412	-70.38	50.4931	Si
441 Prosp.A	Orizzontale	SLV 11	-1.0051	-2.41	-51.3744	-123.39	51.114	Si
231 Prosp.A	Verticale	SLV 9	0.7075	-0.32	36.5136	-16.32	51.6087	Si
441 Prosp.A	Orizzontale	SLV 9	0.9728	-2.26	50.8454	-118.31	52.2657	Si
231 Prosp.A	Verticale	SLV 11	-0.7537	-0.81	-39.4996	-42.44	52.408	Si
448 Prosp.A	Orizzontale	SLV 7	-1.5618	-3.02	-83.5863	-161.55	53.5187	Si
448 Prosp.A	Orizzontale	SLV 5	1.5387	-2.91	83.102	-157.15	54.0063	Si
384 Prosp.A	Verticale	SLV 7	-1.3981	-3.5	-96.2886	-240.95	68.8696	Si
449 Prosp.A	Orizzontale	SLV 7	-1.3525	-3.8	-94.8746	-266.53	70.1473	Si
449 Prosp.A	Orizzontale	SLV 5	1.3454	-3.76	94.7039	-264.92	70.3908	Si
383 Prosp.A	Verticale	SLV 7	-1.3726	-3.49	-96.8776	-246.38	70.5788	Si
238 Prosp.A	Verticale	SLV 5	0.5902	-0.9	41.9658	-64.33	71.1061	Si
385 Prosp.A	Verticale	SLV 7	-1.3645	-3.51	-97.2589	-249.9	71.2784	Si
382 Prosp.A	Verticale	SLV 11	-1.3103	-3.8	-102.2776	-296.7	78.0579	Si
384 Prosp.A	Verticale	SLV 5	1.3469	-4.24	106.3147	-334.79	78.9312	Si
383 Prosp.A	Verticale	SLV 5	1.3165	-4.12	105.9635	-331.47	80.4916	Si
380 Prosp.A	Verticale	SLV 11	-1.1137	-2.39	-91.4041	-196.1	82.0753	Si
385 Prosp.A	Verticale	SLV 5	1.3144	-4.29	108.2009	-352.76	82.3195	Si
382 Prosp.A	Verticale	SLV 9	1.2402	-3.7	103.5294	-308.46	83.4799	Si
381 Prosp.A	Verticale	SLV 11	-1.2261	-3.67	-103.7082	-310.14	84.5867	Si
386 Prosp.A	Verticale	SLV 7	-1.2546	-4.02	-107.2868	-344.06	85.5171	Si
380 Prosp.A	Verticale	SLV 9	1.0506	-2.2	90.7284	-189.95	86.355	Si
238 Prosp.A	Verticale	SLV 7	-0.5859	-1.73	-51.5639	-152.35	88.0076	Si
381 Prosp.A	Verticale	SLV 9	1.1495	-3.39	103.0944	-304.38	89.6898	Si
386 Prosp.A	Verticale	SLV 5	1.2359	-4.5	115.0154	-418.38	93.0602	Si
450 Prosp.A	Orizzontale	SLV 7	-1.1548	-4.4	-109.4264	-417.31	94.7585	Si
450 Prosp.A	Orizzontale	SLV 5	1.1653	-4.76	114.4896	-467.94	98.2474	Si
451 Prosp.A	Orizzontale	SLV 7	-0.5503	-2.29	-66.7276	-277.36	121.2535	Si
387 Prosp.A	Verticale	SLV 7	-0.9564	-3.63	-117.9833	-447.31	123.3639	Si
451 Prosp.A	Orizzontale	SLV 5	0.5604	-2.63	72.6206	-340.22	129.576	Si
387 Prosp.A	Verticale	SLV 5	0.9401	-4.77	147.3462	-747.65	156.735	Si

Verifiche a flessione SLD Resistenza D.M. 17-01-18 §4.1.2.3.4.2

La struttura è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
231 Prosp.A	Orizzontale	SLD 11	-4.9688	-7.61	-79.1477	-121.15	15.9289	Si
232 Prosp.A	Orizzontale	SLD 11	-4.8687	-8.07	-80.5039	-133.46	16.5349	Si
231 Prosp.A	Orizzontale	SLD 9	4.7485	-7.27	79.1573	-121.2	16.6701	Si
233 Prosp.A	Orizzontale	SLD 11	-4.786	-8	-80.649	-134.76	16.851	Si
234 Prosp.A	Orizzontale	SLD 7	-4.7025	-7.88	-80.6877	-135.13	17.1586	Si
232 Prosp.A	Orizzontale	SLD 9	4.721	-8.06	81.0368	-138.27	17.1653	Si
233 Prosp.A	Orizzontale	SLD 5	4.6918	-8.12	81.309	-140.76	17.3299	Si
234 Prosp.A	Orizzontale	SLD 5	4.6305	-7.81	80.8137	-136.28	17.4526	Si
235 Prosp.A	Orizzontale	SLD 7	-4.5704	-7.35	-79.9828	-128.71	17.5001	Si
235 Prosp.A	Orizzontale	SLD 5	4.5202	-7.23	79.8865	-127.84	17.6731	Si
230 Prosp.A	Orizzontale	SLD 11	-5.1967	-14.51	-93.2367	-260.28	17.9415	Si
236 Prosp.A	Orizzontale	SLD 7	-4.3776	-6.5	-78.6799	-116.87	17.9735	Si
236 Prosp.A	Orizzontale	SLD 5	4.3554	-6.32	78.3088	-113.55	17.9796	Si
237 Prosp.A	Orizzontale	SLD 5	4.0455	-6.11	78.9375	-119.2	19.5123	Si
237 Prosp.A	Orizzontale	SLD 7	-4.0317	-6.03	-78.7943	-117.93	19.5435	Si
230 Prosp.A	Orizzontale	SLD 9	4.9688	-15.34	97.5238	-301.15	19.6271	Si
229 Prosp.A	Orizzontale	SLD 11	-2.7923	-11.15	-65.0199	-259.54	23.2857	Si
229 Prosp.A	Orizzontale	SLD 9	2.6873	-12.21	70.993	-322.61	26.4182	Si
382 Prosp.A	Orizzontale	SLD 11	-2.5916	-5.21	-84.5001	-169.96	32.6049	Si
381 Prosp.A	Orizzontale	SLD 11	-2.6532	-6.71	-90.9834	-229.97	34.2916	Si
382 Prosp.A	Orizzontale	SLD 9	2.4932	-5.28	85.7818	-181.7	34.4068	Si
383 Prosp.A	Orizzontale	SLD 11	-2.5329	-5.75	-87.6447	-198.91	34.602	Si
381 Prosp.A	Orizzontale	SLD 9	2.5418	-6.53	91.5469	-235.29	36.0171	Si
384 Prosp.A	Orizzontale	SLD 7	-2.4452	-5.65	-88.1347	-203.47	36.0433	Si
383 Prosp.A	Orizzontale	SLD 5	2.4522	-5.77	88.6878	-208.6	36.1672	Si
238 Prosp.A	Orizzontale	SLD 7	-3.3568	-15.37	-124.4846	-570.11	37.0847	Si
384 Prosp.A	Orizzontale	SLD 5	2.3877	-5.66	88.9137	-210.73	37.2382	Si
238 Prosp.A	Orizzontale	SLD 5	3.4361	-16.47	129.1653	-619.12	37.5908	Si
385 Prosp.A	Orizzontale	SLD 7	-2.318	-5.35	-88.1449	-203.57	38.0269	Si
385 Prosp.A	Orizzontale	SLD 5	2.28	-5.3	88.3598	-205.56	38.7542	Si
386 Prosp.A	Orizzontale	SLD 7	-2.1213	-4.66	-86.7507	-190.64	40.8942	Si
386 Prosp.A	Orizzontale	SLD 5	2.1077	-4.68	87.0143	-193.11	41.2846	Si
380 Prosp.A	Orizzontale	SLD 11	-2.6591	-10.76	-113.712	-460.09	42.7626	Si
380 Prosp.A	Orizzontale	SLD 9	2.5338	-10.79	117.8701	-502.12	46.5197	Si
387 Prosp.A	Orizzontale	SLD 7	-1.8697	-6.27	-103.21	-346.12	55.2028	Si
379 Prosp.A	Orizzontale	SLD 11	-1.3699	-6.81	-76.0817	-378.27	55.5375	Si
387 Prosp.A	Orizzontale	SLD 5	1.8855	-6.64	106.0224	-373.37	56.2295	Si
239 Prosp.A	Orizzontale	SLD 5	1.5803	-13.47	96.3501	-821.55	60.9684	Si
379 Prosp.A	Orizzontale	SLD 9	1.3006	-7.03	81.6276	-441.36	62.7609	Si
239 Prosp.A	Orizzontale	SLD 7	-1.5163	-12.52	-96.0608	-793.12	63.3517	Si
234 Prosp.A	Verticale	SLD 7	-0.4308	-0.36	-38.3345	-32.2	88.9761	Si
233 Prosp.A	Verticale	SLD 7	-0.4191	-0.28	-37.4868	-24.77	89.4474	Si
444 Prosp.A	Orizzontale	SLD 11	-1.0397	-3.11	-97.596	-292.35	93.8736	Si
235 Prosp.A	Verticale	SLD 7	-0.4318	-0.6	-41.2254	-57.72	95.4624	Si
445 Prosp.A	Orizzontale	SLD 7	-1.0216	-3.07	-97.7479	-293.77	95.6775	Si
389 Prosp.A	Orizzontale	SLD 9	0.8978	-15.36	88.8327	-1520.23	98.9499	Si
232 Prosp.A	Verticale	SLD 7	-0.4072	-0.6	-41.6418	-61.44	102.2604	Si
389 Prosp.A	Orizzontale	SLD 11	-0.8741	-14.45	-90.0189	-1488.53	102.9831	Si
444 Prosp.A	Orizzontale	SLD 5	0.9791	-3.15	101.0878	-325.71	103.2412	Si
388 Prosp.A	Orizzontale	SLD 5	1.802	-18.2	186.3417	-1881.97	103.4078	Si
445 Prosp.A	Orizzontale	SLD 5	0.9647	-3.1	101.0215	-325.06	104.7138	Si
446 Prosp.A	Orizzontale	SLD 7	-0.9781	-3.23	-102.4407	-338.68	104.7315	Si
388 Prosp.A	Orizzontale	SLD 7	-1.6432	-10.62	-172.1293	-1112.66	104.7554	Si
443 Prosp.A	Orizzontale	SLD 11	-1.0398	-3.9	-110.0008	-412.28	105.794	Si
230 Prosp.A	Verticale	SLD 11	-0.4045	-0.74	-43.6643	-79.59	107.9449	Si
230 Prosp.A	Verticale	SLD 9	0.3712	-0.52	41.1772	-57.29	110.9252	Si
237 Prosp.A	Verticale	SLD 7	-0.4379	-1.15	-49.0554	-128.91	112.032	Si

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
232 Prosp.A	Verticale	SLD 5	0.3641	-0.51	41.2592	-58.03	113.3059	Si
233 Prosp.A	Verticale	SLD 5	0.3839	-0.69	43.5064	-78.16	113.3154	Si
446 Prosp.A	Orizzontale	SLD 5	0.9287	-3.24	105.5472	-368.77	113.6536	Si
231 Prosp.A	Verticale	SLD 11	-0.3917	-0.77	-44.533	-87.43	113.6817	Si
447 Prosp.A	Orizzontale	SLD 7	-0.9013	-3	-102.7971	-342.14	114.0504	Si
236 Prosp.A	Verticale	SLD 7	-0.409	-0.97	-47.2543	-112.27	115.5416	Si
234 Prosp.A	Verticale	SLD 5	0.3967	-0.86	45.8522	-99.43	115.5859	Si
236 Prosp.A	Verticale	SLD 5	0.4281	-1.2	50.4266	-141.68	117.7975	Si
235 Prosp.A	Verticale	SLD 5	0.4089	-1.03	48.1764	-120.76	117.8066	Si
443 Prosp.A	Orizzontale	SLD 9	0.978	-3.94	115.2612	-464.48	117.8574	Si
231 Prosp.A	Verticale	SLD 9	0.3445	-0.52	41.8731	-63.5	121.5426	Si
447 Prosp.A	Orizzontale	SLD 5	0.8633	-3	105.1633	-365.02	121.8151	Si
442 Prosp.A	Orizzontale	SLD 11	-1.0138	-4.63	-124.1362	-566.54	122.4413	Si
237 Prosp.A	Verticale	SLD 5	0.421	-1.46	55.9853	-194.44	132.9942	Si
442 Prosp.A	Orizzontale	SLD 9	0.9518	-4.57	129.4696	-622.32	136.0292	Si
448 Prosp.A	Orizzontale	SLD 7	-0.7964	-3.04	-111.3312	-425.42	139.8007	Si
441 Prosp.A	Orizzontale	SLD 11	-0.5158	-2.46	-73.644	-351.36	142.7674	Si
448 Prosp.A	Orizzontale	SLD 5	0.7727	-2.99	112.1796	-433.81	145.1697	Si
441 Prosp.A	Orizzontale	SLD 9	0.4833	-2.39	75.628	-373.22	156.4712	Si
383 Prosp.A	Verticale	SLD 7	-0.7067	-3.73	-152.7706	-806.19	216.1836	Si
384 Prosp.A	Verticale	SLD 7	-0.7188	-3.94	-158.3695	-867.78	220.3257	Si
449 Prosp.A	Orizzontale	SLD 7	-0.6872	-3.89	-153.2661	-867.61	223.0425	Si
449 Prosp.A	Orizzontale	SLD 5	0.6802	-3.87	154.1086	-877.19	226.5645	Si
238 Prosp.A	Verticale	SLD 5	0.2989	-1.39	68.2082	-316.37	228.2095	Si
380 Prosp.A	Verticale	SLD 11	-0.5772	-2.58	-132.4504	-592	229.4859	Si
382 Prosp.A	Verticale	SLD 11	-0.6767	-3.85	-164.5101	-936.78	243.097	Si
385 Prosp.A	Verticale	SLD 7	-0.7005	-4.13	-170.417	-1004.76	243.265	Si
451 Prosp.A	Orizzontale	SLD 9	0.2968	-6.93	75.8622	-1770.55	255.6163	Si
451 Prosp.A	Orizzontale	SLD 11	-0.2901	-6.51	-77.6231	-1742.87	267.6181	Si
450 Prosp.A	Orizzontale	SLD 9	0.61	-11.16	166.4814	-3045.4	272.9335	Si
381 Prosp.A	Verticale	SLD 11	-0.6366	-3.83	-173.895	-1045.6	273.1816	Si
380 Prosp.A	Verticale	SLD 9	0.513	-2.48	141.3986	-684.62	275.6212	Si
450 Prosp.A	Orizzontale	SLD 11	-0.6057	-10.56	-169.9959	-2962.68	280.676	Si
383 Prosp.A	Verticale	SLD 5	0.643	-4.06	183.037	-1156.11	284.6583	Si
502 Prosp.A	Verticale	SLD 7	-0.2378	-6.42	-68.9008	-1858.93	289.7177	Si
238 Prosp.A	Verticale	SLD 7	-0.2937	-1.76	-86.5307	-517.89	294.6007	Si
503 Prosp.A	Verticale	SLD 7	-0.2177	-6.5	-64.2849	-1920.83	295.3018	Si
384 Prosp.A	Verticale	SLD 5	0.6628	-4.53	196.3512	-1342.46	296.2277	Si
502 Prosp.A	Verticale	SLD 5	0.2112	-6.55	62.6587	-1942.62	296.6741	Si
503 Prosp.A	Verticale	SLD 5	0.1965	-6.74	58.3298	-2000.66	296.8537	Si
382 Prosp.A	Verticale	SLD 9	0.6071	-3.8	181.3677	-1135.58	298.7456	Si
385 Prosp.A	Verticale	SLD 5	0.6488	-4.68	197.1797	-1421.87	303.9181	Si
386 Prosp.A	Verticale	SLD 7	-0.6518	-5.22	-198.7522	-1591	304.921	Si

Verifiche a taglio SLU D.M. 17-01-18 §4.1.2.3.5

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
229 Prosp.A	Orizzontale	0.237	0.5	Non necessaria	0	SLV 11	4.66	-9.81	-5.47	62.42	303.83	0	62.42	2.5	0.0004618	13.4025	Si
379 Prosp.A	Orizzontale	0.237	0.5	Non necessaria	0	SLV 11	4.66	-11.16	-2.7798	62.58	304	0	62.58	2.5	0.0004618	13.437	Si
230 Prosp.A	Orizzontale	0.238	0.98	Non necessaria	0	SLV 11	8.56	-13.22	-10.1623	118.25	596.84	0	118.25	2.5	0.0007697	13.8086	Si
380 Prosp.A	Orizzontale	0.238	0.98	Non necessaria	0	SLV 11	8.56	-15.29	-5.3646	118.5	597.09	0	118.5	2.5	0.0007697	13.8372	Si
231 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 11	8.09	-7.62	-9.7131	120.37	611.44	0	120.37	2.5	0.0007697	14.8778	Si
381 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 11	8.09	-8.38	-5.2944	120.46	611.54	0	120.46	2.5	0.0007697	14.8889	Si
232 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 11	8.01	-7.95	-9.5502	120.41	611.48	0	120.41	2.5	0.0007697	15.0265	Si
382 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 11	8.01	-8.46	-5.1426	120.47	611.55	0	120.47	2.5	0.0007697	15.034	Si
233 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 5	-7.94	-8.18	9.3141	120.44	611.51	0	120.44	2.5	0.0007697	15.1681	Si
383 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 5	-7.94	-8.9	4.9501	120.52	611.6	0	120.52	2.5	0.0007697	15.1788	Si
234 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 5	-7.88	-7.7	9.1817	120.38	611.45	0	120.38	2.5	0.0007697	15.2788	Si
384 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 5	-7.88	-8.56	4.8324	120.48	611.56	0	120.48	2.5	0.0007697	15.2917	Si
235 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 5	-7.75	-7.02	8.9499	120.3	611.37	0	120.3	2.5	0.0007697	15.531	Si
385 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 5	-7.75	-7.98	4.6468	120.41	611.49	0	120.41	2.5	0.0007697	15.5457	Si
236 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 5	-7.66	-6.07	8.6076	120.18	611.25	0	120.18	2.5	0.0007697	15.6983	Si
386 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 5	-7.66	-7.1	4.3363	120.31	611.38	0	120.31	2.5	0.0007697	15.7144	Si
237 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 5	-7.1	-5.84	7.9722	120.16	611.22	0	120.16	2.5	0.0007697	16.9339	Si
387 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 5	-7.1	-7.46	3.9206	120.35	611.42	0	120.35	2.5	0.0007697	16.9613	Si
442 Prosp.A	Orizzontale	0.238	0.98	Non necessaria	0	SLV 11	5.59	-9.4	-2.0361	117.8	596.37	0	117.8	2.5	0.0007697	21.0703	Si
443 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 11	5.59	-7.33	-2.0879	120.33	611.41	0	120.33	2.5	0.0007697	21.545	Si
441 Prosp.A	Orizzontale	0.237	0.5	Non necessaria	0	SLV 11	2.87	-5.49	-1.0324	61.91	303.3	0	61.91	2.5	0.0004618	21.5603	Si
238 Prosp.A	Orizzontale	0.238	0.98	Non necessaria	0	SLV 5	-5.38	-16.1	6.7251	118.6	597.19	0	118.6	2.5	0.0007697	22.0419	Si
388 Prosp.A	Orizzontale	0.238	0.98	Non necessaria	0	SLV 5	-5.38	-17.97	3.5339	118.82	597.42	0	118.82	2.5	0.0007697	22.0831	Si
444 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 11	5.43	-6.13	-2.0769	120.19	611.26	0	120.19	2.5	0.0007697	22.1322	Si
445 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 11	5.3	-6.41	-2.0442	120.22	611.29	0	120.22	2.5	0.0007697	22.6656	Si
446 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 5	-5.18	-6.47	1.9103	120.23	611.3	0	120.23	2.5	0.0007697	23.2204	Si
447 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 5	-5.03	-6.04	1.7777	120.18	611.25	0	120.18	2.5	0.0007697	23.898	Si

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
448 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 5	-4.76	-5.69	1.5863	120.14	611.2	0	120.14	2.5	0.0007697	25.2465	Si
449 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 5	-4.33	-7.13	1.381	120.31	611.38	0	120.31	2.5	0.0007697	27.7966	Si
239 Prosp.A	Orizzontale	0.237	0.5	Non necessaria	0	SLV 5	-2.19	-13.25	3.0745	62.83	304.26	0	62.83	2.5	0.0004618	28.6531	Si
389 Prosp.A	Orizzontale	0.237	0.5	Non necessaria	0	SLV 5	-2.19	-14.11	1.7544	62.93	304.36	0	62.93	2.5	0.0004618	28.6993	Si
450 Prosp.A	Orizzontale	0.238	0.98	Non necessaria	0	SLV 5	-3.84	-10.5	1.1991	117.93	596.5	0	117.93	2.5	0.0007697	30.719	Si
451 Prosp.A	Orizzontale	0.237	0.5	Non necessaria	0	SLV 5	-1.87	-6.56	0.5804	62.03	303.44	0	62.03	2.5	0.0004618	33.1852	Si
238 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 9	-1.37	-1.92	0.592	62.2	323.38	0	62.2	2.5	0.0003848	45.4883	Si
237 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 9	-1.27	-2.29	0.8438	62.25	323.43	0	62.25	2.5	0.0003848	49.1737	Si
387 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 7	1.33	-4.08	-0.9508	124.44	646.8	0	124.44	2.5	0.0007697	93.4347	Si
388 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 7	1.33	-4.85	-0.22	124.54	646.9	0	124.54	2.5	0.0007697	93.5082	Si
236 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 5	-0.51	-0.67	0.8614	62.05	323.22	0	62.05	2.5	0.0003848	122.3283	Si
386 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 7	0.7	-4.99	-1.2747	124.55	646.92	0	124.55	2.5	0.0007697	178.8774	Si
235 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 7	0.32	-1.5	-0.8544	62.15	323.33	0	62.15	2.5	0.0003848	196.6369	Si
507 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 7	-0.25	-0.8	0.2182	62.06	323.24	0	62.06	2.5	0.0003848	252.2814	Si
385 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 7	0.48	-4.69	-1.3638	124.51	646.88	0	124.51	2.5	0.0007697	261.9017	Si
449 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 11	0.47	-6.44	0.0462	124.74	647.1	0	124.74	2.5	0.0007697	266.7891	Si
448 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 11	0.47	-7.05	-0.4237	124.81	647.18	0	124.81	2.5	0.0007697	266.9546	Si
506 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 11	0.22	-3.18	0.2295	62.36	323.55	0	62.36	2.5	0.0003848	278.9497	Si
505 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 11	0.22	-3.47	0.022	62.4	323.58	0	62.4	2.5	0.0003848	279.1089	Si
504 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 11	0.21	-5.1	-0.3384	62.61	323.8	0	62.61	2.5	0.0003848	296.4857	Si
447 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 11	0.4	-8.53	-0.8641	125	647.38	0	125	2.5	0.0007697	314.6261	Si
380 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 7	-0.38	-3.35	-1.1159	124.34	646.7	0	124.34	2.5	0.0007697	328.4792	Si
446 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 11	0.32	-9.21	-1.003	125.09	647.47	0	125.09	2.5	0.0007697	390.9899	Si
503 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 11	0.16	-5.89	-0.4242	62.71	323.9	0	62.71	2.5	0.0003848	392.486	Si
442 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 7	-0.31	-2.13	-0.5233	124.19	646.54	0	124.19	2.5	0.0007697	399.4919	Si
450 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 11	0.31	-3.75	0.1809	124.4	646.75	0	124.4	2.5	0.0007697	406.5354	Si
384 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 7	0.26	-4.55	-1.4051	124.5	646.86	0	124.5	2.5	0.0007697	483.7669	Si
445 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 7	0.23	-9.27	-1.0495	125.09	647.48	0	125.09	2.5	0.0007697	547.8604	Si
502 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 11	0.11	-6.07	-0.4618	62.73	323.93	0	62.73	2.5	0.0003848	574.2244	Si
230 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 7	-0.11	-1.2	-0.7862	62.11	323.29	0	62.11	2.5	0.0003848	580.3534	Si
499 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 7	-0.11	-0.87	-0.204	62.07	323.25	0	62.07	2.5	0.0003848	590.3247	Si
500 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 7	-0.11	-2.36	-0.3671	62.26	323.44	0	62.26	2.5	0.0003848	592.1191	Si
233 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 5	0.1	-0.78	0.7797	62.06	323.23	0	62.06	2.5	0.0003848	631.2408	Si
232 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 5	0.1	-1.08	0.7098	62.1	323.27	0	62.1	2.5	0.0003848	631.6336	Si
443 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 5	0.2	-5.24	0.7909	124.58	646.95	0	124.58	2.5	0.0007697	638.2436	Si
383 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 7	0.19	-4.34	-1.3805	124.47	646.83	0	124.47	2.5	0.0007697	656.1957	Si
231 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 9	0.09	-1.04	0.6758	62.09	323.27	0	62.09	2.5	0.0003848	662.6676	Si
234 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 7	0.08	-1.35	-0.8356	62.13	323.31	0	62.13	2.5	0.0003848	765.0671	Si
381 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 9	0.11	-3.39	1.1495	124.35	646.71	0	124.35	2.5	0.0007697	1106.7317	Si
382 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 5	0.11	-4.01	1.2411	124.43	646.79	0	124.43	2.5	0.0007697	1166.4479	Si
444 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 7	0.08	-8.37	-1.0162	124.98	647.36	0	124.98	2.5	0.0007697	1519.9429	Si
501 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 5	0.03	-4.07	0.4061	62.48	323.66	0	62.48	2.5	0.0003848	2376.8551	Si

Verifiche a taglio SLD Resistenza D.M. 17-01-18 §4.1.2.3.5

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
229 Prosp.A	Orizzontale	0.237	0.5	Non necessaria	0	SLD 11	2.37	-11.15	-2.7923	62.58	304	0	62.58	2.5	0.0004618	26.3488	Si
379 Prosp.A	Orizzontale	0.237	0.5	Non necessaria	0	SLD 11	2.37	-12.62	-1.4238	62.75	304.18	0	62.75	2.5	0.0004618	26.4222	Si
230 Prosp.A	Orizzontale	0.238	0.98	Non necessaria	0	SLD 11	4.38	-14.51	-5.1967	118.41	597	0	118.41	2.5	0.0007697	27.0571	Si
380 Prosp.A	Orizzontale	0.238	0.98	Non necessaria	0	SLD 11	4.38	-16.77	-2.7452	118.68	597.27	0	118.68	2.5	0.0007697	27.1187	Si
231 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 11	4.13	-7.61	-4.9688	120.37	611.44	0	120.37	2.5	0.0007697	29.1638	Si
381 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 11	4.13	-8.47	-2.7071	120.47	611.55	0	120.47	2.5	0.0007697	29.1888	Si
232 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 11	4.06	-8.07	-4.8687	120.42	611.5	0	120.42	2.5	0.0007697	29.6437	Si

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
382 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 11	4.06	-8.56	-2.6287	120.48	611.56	0	120.48	2.5	0.0007697	29.658	Si
233 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 5	-4.03	-8.12	4.6918	120.43	611.5	0	120.43	2.5	0.0007697	29.8949	Si
383 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 5	-4.03	-8.86	2.4813	120.52	611.6	0	120.52	2.5	0.0007697	29.9168	Si
234 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 5	-4	-7.81	4.6305	120.39	611.47	0	120.39	2.5	0.0007697	30.1336	Si
384 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 5	-4	-8.63	2.428	120.49	611.57	0	120.49	2.5	0.0007697	30.1583	Si
235 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 5	-3.93	-7.23	4.5202	120.32	611.39	0	120.32	2.5	0.0007697	30.6198	Si
385 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 5	-3.93	-8.12	2.3403	120.43	611.5	0	120.43	2.5	0.0007697	30.6468	Si
236 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 5	-3.89	-6.32	4.3554	120.21	611.28	0	120.21	2.5	0.0007697	30.9319	Si
386 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 5	-3.89	-7.32	2.1908	120.33	611.41	0	120.33	2.5	0.0007697	30.9627	Si
237 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 5	-3.61	-6.11	4.0455	120.19	611.26	0	120.19	2.5	0.0007697	33.2831	Si
387 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 5	-3.61	-7.72	1.9899	120.38	611.45	0	120.38	2.5	0.0007697	33.3363	Si
442 Prosp.A	Orizzontale	0.238	0.98	Non necessaria	0	SLD 11	2.85	-9.83	-1.0452	117.85	596.42	0	117.85	2.5	0.0007697	41.3257	Si
441 Prosp.A	Orizzontale	0.237	0.5	Non necessaria	0	SLD 11	1.47	-5.87	-0.5304	61.95	303.35	0	61.95	2.5	0.0004618	42.2731	Si
443 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 11	2.85	-7.38	-1.0708	120.34	611.41	0	120.34	2.5	0.0007697	42.2981	Si
238 Prosp.A	Orizzontale	0.238	0.98	Non necessaria	0	SLD 5	-2.78	-16.47	3.4361	118.64	597.24	0	118.64	2.5	0.0007697	42.7265	Si
388 Prosp.A	Orizzontale	0.238	0.98	Non necessaria	0	SLD 5	-2.78	-18.2	1.802	118.85	597.45	0	118.85	2.5	0.0007697	42.8006	Si
444 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 11	2.76	-6.13	-1.0649	120.19	611.26	0	120.19	2.5	0.0007697	43.5337	Si
445 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 11	2.69	-6.4	-1.048	120.22	611.29	0	120.22	2.5	0.0007697	44.6762	Si
446 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 5	-2.63	-6.49	0.9512	120.23	611.3	0	120.23	2.5	0.0007697	45.7861	Si
447 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 5	-2.55	-6.09	0.8876	120.19	611.25	0	120.19	2.5	0.0007697	47.0503	Si
448 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 5	-2.42	-5.75	0.7952	120.15	611.21	0	120.15	2.5	0.0007697	49.5797	Si
449 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 9	-2.22	-7.59	0.6966	120.37	611.44	0	120.37	2.5	0.0007697	54.3285	Si
239 Prosp.A	Orizzontale	0.237	0.5	Non necessaria	0	SLD 5	-1.15	-13.47	1.5803	62.85	304.28	0	62.85	2.5	0.0004618	54.607	Si
389 Prosp.A	Orizzontale	0.237	0.5	Non necessaria	0	SLD 9	-1.15	-15.36	0.8978	63.08	304.51	0	63.08	2.5	0.0004618	54.6597	Si
450 Prosp.A	Orizzontale	0.238	0.98	Non necessaria	0	SLD 5	-1.97	-10.52	0.6095	117.93	596.5	0	117.93	2.5	0.0007697	59.7478	Si
451 Prosp.A	Orizzontale	0.237	0.5	Non necessaria	0	SLD 5	-0.96	-6.54	0.2965	62.03	303.43	0	62.03	2.5	0.0004618	64.4	Si
238 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 9	-0.7	-1.89	0.2999	62.2	323.38	0	62.2	2.5	0.0003848	89.4442	Si
237 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 9	-0.64	-1.92	0.4206	62.2	323.38	0	62.2	2.5	0.0003848	97.4564	Si
387 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 7	0.67	-4.64	-0.4826	124.51	646.87	0	124.51	2.5	0.0007697	184.9222	Si
388 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 7	0.67	-5.41	-0.1107	124.61	646.97	0	124.61	2.5	0.0007697	185.0656	Si
236 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 5	-0.26	-1.2	0.4281	62.11	323.29	0	62.11	2.5	0.0003848	242.5777	Si
386 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 7	0.35	-5.22	-0.6518	124.58	646.95	0	124.58	2.5	0.0007697	352.0452	Si
235 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 7	0.16	-1.49	-0.4376	62.15	323.33	0	62.15	2.5	0.0003848	390.5503	Si
507 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 7	-0.13	-0.62	0.1152	62.04	323.21	0	62.04	2.5	0.0003848	476.8627	Si
385 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 7	0.24	-4.88	-0.6993	124.54	646.9	0	124.54	2.5	0.0007697	511.2683	Si
449 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 11	0.24	-7.04	0.0328	124.81	647.18	0	124.81	2.5	0.0007697	518.574	Si
448 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 7	0.24	-7.84	-0.214	124.91	647.29	0	124.91	2.5	0.0007697	518.7963	Si
506 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 11	0.11	-3.71	0.1229	62.43	323.62	0	62.43	2.5	0.0003848	547.0641	Si
505 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 11	0.11	-3.93	0.0144	62.46	323.64	0	62.46	2.5	0.0003848	547.3078	Si
504 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 11	0.11	-5.51	-0.1736	62.66	323.85	0	62.66	2.5	0.0003848	575.562	Si
447 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 11	0.21	-8.93	-0.4435	125.05	647.43	0	125.05	2.5	0.0007697	607.0923	Si
380 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 7	-0.2	-3.06	-0.5783	124.31	646.66	0	124.31	2.5	0.0007697	607.8247	Si
446 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 7	0.17	-9.68	-0.5146	125.15	647.53	0	125.15	2.5	0.0007697	748.4987	Si
442 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 7	-0.17	-2.15	-0.2761	124.19	646.54	0	124.19	2.5	0.0007697	751.1152	Si
503 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 11	0.08	-6.17	-0.2184	62.74	323.94	0	62.74	2.5	0.0003848	751.7499	Si
450 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 11	0.16	-4.12	0.0986	124.44	646.8	0	124.44	2.5	0.0007697	796.3638	Si
384 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 7	0.14	-4.69	-0.7223	124.51	646.88	0	124.51	2.5	0.0007697	921.229	Si
230 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 7	-0.06	-0.98	-0.4048	62.08	323.26	0	62.08	2.5	0.0003848	981.9497	Si
445 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 7	0.12	-9.37	-0.5413	125.11	647.49	0	125.11	2.5	0.0007697	1029.9714	Si
232 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 9	0.06	-0.55	0.3644	62.03	323.2	0	62.03	2.5	0.0003848	1070.0352	Si
231 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 9	0.06	-1.18	0.3296	62.11	323.29	0	62.11	2.5	0.0003848	1071.4197	Si

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
502 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 11	0.06	-6.23	-0.2386	62.75	323.95	0	62.75	2.5	0.0003848	1072.2402	Si
233 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 5	0.06	-0.69	0.3839	62.05	323.22	0	62.05	2.5	0.0003848	1107.8264	Si
499 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 7	-0.05	-1.2	-0.1084	62.11	323.29	0	62.11	2.5	0.0003848	1163.6949	Si
500 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 7	-0.05	-2.37	-0.1917	62.26	323.44	0	62.26	2.5	0.0003848	1166.457	Si
383 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 11	0.1	-4.69	-0.7127	124.51	646.88	0	124.51	2.5	0.0007697	1220.0695	Si
443 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 5	0.1	-5.27	0.3819	124.59	646.95	0	124.59	2.5	0.0007697	1234.9941	Si
234 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 7	0.04	-1.32	-0.4294	62.13	323.3	0	62.13	2.5	0.0003848	1438.6414	Si
382 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 5	0.07	-3.96	0.6076	124.42	646.78	0	124.42	2.5	0.0007697	1736.5357	Si
381 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 5	0.07	-4.35	0.5588	124.47	646.83	0	124.47	2.5	0.0007697	1737.2308	Si
444 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 7	0.05	-8.39	-0.5258	124.98	647.36	0	124.98	2.5	0.0007697	2551.9851	Si
501 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 5	0.02	-4.09	0.1964	62.48	323.67	0	62.48	2.5	0.0003848	3806.4235	Si

Verifiche SLE tensione calcestruzzo D.M. 17-01-18 §4.1.2.2.5.1

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	oc	oc limite	Es/Ec	c.s.	Verifica
239 Prosp.A	Orizzontale	SLE QP 4	0.0773	-13.7	No	-93	13073	15	140.4881	Si
389 Prosp.A	Orizzontale	SLE QP 4	0.0367	-14.34	No	-92	13073	15	142.1298	Si
379 Prosp.A	Orizzontale	SLE QP 4	-0.0368	-14.1	No	-91	13073	15	144.4329	Si
389 Prosp.A	Orizzontale	SLE RA 7	0.0374	-17.92	No	-114	17430	15	152.9904	Si
239 Prosp.A	Orizzontale	SLE RA 7	0.0793	-16.89	No	-113	17430	15	154.5911	Si
379 Prosp.A	Orizzontale	SLE RA 7	-0.0373	-17.55	No	-112	17430	15	156.0765	Si
229 Prosp.A	Orizzontale	SLE QP 4	-0.0517	-12.51	No	-83	13073	15	158.2156	Si
229 Prosp.A	Orizzontale	SLE RA 7	-0.0509	-15.51	No	-101	17430	15	172.8099	Si
388 Prosp.A	Orizzontale	SLE QP 4	0.0691	-18.44	No	-62	13073	15	209.208	Si
380 Prosp.A	Orizzontale	SLE QP 4	-0.0659	-18.29	No	-62	13073	15	211.4867	Si
238 Prosp.A	Orizzontale	SLE QP 4	0.1242	-16.85	No	-61	13073	15	214.5053	Si
388 Prosp.A	Orizzontale	SLE RA 7	0.0704	-22.76	No	-76	17430	15	228.7281	Si
230 Prosp.A	Orizzontale	SLE QP 4	-0.1131	-15.81	No	-57	13073	15	229.4436	Si
380 Prosp.A	Orizzontale	SLE RA 7	-0.0663	-22.54	No	-75	17430	15	231.6211	Si
238 Prosp.A	Orizzontale	SLE RA 7	0.127	-20.5	No	-73	17430	15	239.9297	Si
230 Prosp.A	Orizzontale	SLE RA 7	-0.1144	-19.37	No	-68	17430	15	255.2394	Si
451 Prosp.A	Orizzontale	SLE QP 4	0.0186	-6.53	No	-42	13073	15	310.5143	Si
504 Prosp.A	Verticale	SLE QP 4	0.0168	-6.44	No	-42	13073	15	312.1045	Si
503 Prosp.A	Verticale	SLE QP 4	0.0143	-6.45	No	-42	13073	15	313.6488	Si
502 Prosp.A	Verticale	SLE QP 4	-0.0137	-6.39	No	-41	13073	15	317.4428	Si
451 Prosp.A	Orizzontale	SLE RA 7	0.0189	-8.53	No	-54	17430	15	320.69	Si
441 Prosp.A	Orizzontale	SLE QP 4	-0.0181	-6.27	No	-40	13073	15	323.1638	Si
504 Prosp.A	Verticale	SLE RA 7	0.0171	-8.27	No	-53	17430	15	327.3189	Si
503 Prosp.A	Verticale	SLE RA 7	0.0145	-8.28	No	-53	17430	15	329.0587	Si
441 Prosp.A	Orizzontale	SLE RA 7	-0.0184	-8.23	No	-52	17430	15	332.0836	Si
502 Prosp.A	Verticale	SLE RA 7	-0.0139	-8.2	No	-52	17430	15	332.2486	Si
505 Prosp.A	Verticale	SLE QP 4	0.0179	-5.73	No	-38	13073	15	347.3157	Si
501 Prosp.A	Verticale	SLE QP 4	-0.0157	-5.52	No	-36	13073	15	362.4466	Si
505 Prosp.A	Verticale	SLE RA 7	0.0182	-7.35	No	-48	17430	15	365.4709	Si
450 Prosp.A	Orizzontale	SLE QP 4	0.0351	-10.54	No	-35	13073	15	368.8573	Si
442 Prosp.A	Orizzontale	SLE QP 4	-0.034	-10.27	No	-35	13073	15	378.5091	Si
501 Prosp.A	Verticale	SLE RA 7	-0.0159	-7.1	No	-46	17430	15	380.0471	Si
450 Prosp.A	Orizzontale	SLE RA 7	0.0359	-13.8	No	-46	17430	15	380.8032	Si
442 Prosp.A	Orizzontale	SLE RA 7	-0.0345	-13.5	No	-45	17430	15	389.5632	Si
447 Prosp.A	Verticale	SLE QP 4	0.0351	-9.79	No	-32	13073	15	403.2768	Si
446 Prosp.A	Verticale	SLE QP 4	0.031	-9.78	No	-32	13073	15	406.8546	Si
231 Prosp.A	Orizzontale	SLE QP 2	-0.1029	-7.88	No	-31	13073	15	425.1503	Si
381 Prosp.A	Orizzontale	SLE QP 2	-0.0561	-8.8	No	-31	13073	15	426.0747	Si
382 Prosp.A	Orizzontale	SLE QP 2	-0.052	-8.87	No	-31	13073	15	426.3256	Si
448 Prosp.A	Verticale	SLE QP 4	0.0367	-9.07	No	-30	13073	15	431.8463	Si
232 Prosp.A	Orizzontale	SLE QP 2	-0.0653	-8.42	No	-30	13073	15	434.623	Si
447 Prosp.A	Verticale	SLE RA 7	0.0356	-12.26	No	-40	17430	15	434.8679	Si
446 Prosp.A	Verticale	SLE RA 7	0.0314	-12.25	No	-40	17430	15	438.0922	Si
385 Prosp.A	Orizzontale	SLE QP 2	0.0418	-8.58	No	-29	13073	15	448.5342	Si
387 Prosp.A	Orizzontale	SLE QP 4	0.0629	-7.98	No	-29	13073	15	457.4549	Si
506 Prosp.A	Verticale	SLE QP 4	0.0172	-4.23	No	-28	13073	15	462.2124	Si
448 Prosp.A	Verticale	SLE RA 7	0.0373	-11.34	No	-37	17430	15	466.7922	Si
500 Prosp.A	Verticale	SLE QP 4	-0.0162	-4.19	No	-28	13073	15	468.5925	Si
444 Prosp.A	Verticale	SLE QP 4	-0.0308	-8.41	No	-28	13073	15	468.9534	Si
386 Prosp.A	Orizzontale	SLE QP 2	0.0497	-7.84	No	-27	13073	15	478.4807	Si
235 Prosp.A	Orizzontale	SLE QP 2	0.0503	-7.81	No	-27	13073	15	479.2683	Si
382 Prosp.A	Orizzontale	SLE RA 3	-0.0519	-10.63	No	-36	17430	15	482.8267	Si
506 Prosp.A	Verticale	SLE RA 7	0.0175	-5.48	No	-36	17430	15	483.682	Si
381 Prosp.A	Orizzontale	SLE RA 3	-0.0554	-10.49	No	-36	17430	15	485.6248	Si
500 Prosp.A	Verticale	SLE RA 7	-0.0164	-5.41	No	-35	17430	15	491.1661	Si
231 Prosp.A	Orizzontale	SLE RA 3	-0.1033	-9.34	No	-35	17430	15	494.0066	Si
232 Prosp.A	Orizzontale	SLE RA 3	-0.0633	-10.07	No	-35	17430	15	497.17	Si
445 Prosp.A	Verticale	SLE QP 4	-0.0172	-8.12	No	-26	13073	15	499.6773	Si
444 Prosp.A	Verticale	SLE RA 7	-0.0311	-10.55	No	-35	17430	15	504.8252	Si
385 Prosp.A	Orizzontale	SLE RA 3	0.0415	-10.33	No	-35	17430	15	504.9205	Si
449 Prosp.A	Verticale	SLE QP 4	0.0353	-7.65	No	-26	13073	15	506.6373	Si
236 Prosp.A	Orizzontale	SLE QP 2	0.0607	-7.01	No	-25	13073	15	513.6382	Si
237 Prosp.A	Orizzontale	SLE QP 2	0.0792	-6.57	No	-25	13073	15	518.4577	Si
443 Prosp.A	Orizzontale	SLE QP 4	-0.0327	-7.43	No	-25	13073	15	522.3256	Si
387 Prosp.A	Orizzontale	SLE RA 7	0.0641	-9.46	No	-33	17430	15	524.4223	Si
445 Prosp.A	Verticale	SLE RA 7	-0.0175	-10.3	No	-33	17430	15	529.0806	Si
449 Prosp.A	Orizzontale	SLE QP 4	0.0345	-7.26	No	-25	13073	15	531.1345	Si
443 Prosp.A	Orizzontale	SLE RA 7	-0.0331	-9.83	No	-32	17430	15	536.9716	Si
386 Prosp.A	Orizzontale	SLE RA 3	0.0495	-9.42	No	-32	17430	15	541.0352	Si
383 Prosp.A	Orizzontale	SLE QP 2	-0.0299	-7.16	No	-24	13073	15	544.4281	Si
235 Prosp.A	Orizzontale	SLE RA 3	0.0497	-9.34	No	-32	17430	15	544.8759	Si
449 Prosp.A	Orizzontale	SLE RA 7	0.0352	-9.63	No	-32	17430	15	545.3438	Si
449 Prosp.A	Verticale	SLE RA 7	0.036	-9.6	No	-32	17430	15	546.6512	Si
443 Prosp.A	Verticale	SLE QP 4	-0.0333	-6.99	No	-24	13073	15	553.3371	Si

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	oc	oc limite	Es/Ec	c.s.	Verifica
236 Prosp.A	Orizzontale	SLE RA 3	0.0603	-8.45	No	-30	17430	15	583.2915	Si
445 Prosp.A	Orizzontale	SLE QP 2	-0.0293	-6.51	No	-22	13073	15	595.3083	Si
443 Prosp.A	Verticale	SLE RA 7	-0.0336	-8.79	No	-29	17430	15	596.088	Si
384 Prosp.A	Orizzontale	SLE QP 2	0.023	-6.63	No	-22	13073	15	596.1824	Si
237 Prosp.A	Orizzontale	SLE RA 3	0.0789	-7.74	No	-29	17430	15	604.838	Si
445 Prosp.A	Orizzontale	SLE RA 3	-0.0292	-8.71	No	-29	17430	15	606.1835	Si
383 Prosp.A	Orizzontale	SLE RA 3	-0.0297	-8.61	No	-28	17430	15	612.1942	Si
444 Prosp.A	Orizzontale	SLE QP 2	-0.03	-6.23	No	-21	13073	15	618.6815	Si
233 Prosp.A	Orizzontale	SLE QP 2	-0.0281	-6.17	No	-21	13073	15	627.8937	Si
444 Prosp.A	Orizzontale	SLE RA 3	-0.0298	-8.33	No	-28	17430	15	631.0699	Si
234 Prosp.A	Orizzontale	SLE QP 2	0.0274	-6.05	No	-20	13073	15	640.7137	Si
448 Prosp.A	Orizzontale	SLE QP 2	0.0314	-5.87	No	-20	13073	15	650.4263	Si
448 Prosp.A	Orizzontale	SLE RA 3	0.0313	-7.89	No	-26	17430	15	661.7523	Si
384 Prosp.A	Orizzontale	SLE RA 3	0.0228	-7.96	No	-26	17430	15	669.4544	Si
386 Prosp.A	Verticale	SLE QP 4	0.0404	-5.45	No	-19	13073	15	677.2814	Si
233 Prosp.A	Orizzontale	SLE RA 7	-0.0318	-7.58	No	-25	17430	15	685.8075	Si
387 Prosp.A	Verticale	SLE QP 4	0.0409	-5.22	No	-19	13073	15	702.6879	Si
385 Prosp.A	Verticale	SLE QP 4	0.0399	-5.08	No	-18	13073	15	721.1609	Si
234 Prosp.A	Orizzontale	SLE RA 3	0.0267	-7.23	No	-24	17430	15	725.3034	Si
384 Prosp.A	Verticale	SLE QP 3	0.0381	-4.87	No	-17	13073	15	753.0755	Si
388 Prosp.A	Verticale	SLE QP 4	0.0238	-5.07	No	-17	13073	15	763.7325	Si
380 Prosp.A	Verticale	SLE QP 4	-0.0243	-4.88	No	-17	13073	15	788.8119	Si
446 Prosp.A	Orizzontale	SLE QP 2	-0.0172	-4.96	No	-16	13073	15	795.8154	Si
446 Prosp.A	Orizzontale	SLE RA 3	-0.0172	-6.64	No	-22	17430	15	807.1269	Si
447 Prosp.A	Orizzontale	SLE QP 2	0.0194	-4.84	No	-16	13073	15	808.114	Si
386 Prosp.A	Verticale	SLE RA 7	0.0413	-6.13	No	-21	17430	15	812.5002	Si

Verifiche SLE tensione acciaio D.M. 17-01-18 §4.1.2.2.5.2

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	of	of limite	Es/Ec	c.s.	Verifica
239 Prosp.A	Orizzontale	SLE RA 1	0.0718	-11.06	No	-934	360000	15	385.2498	Si
229 Prosp.A	Orizzontale	SLE RA 1	-0.0491	-10.11	No	-872	360000	15	412.8392	Si
238 Prosp.A	Orizzontale	SLE RA 1	0.1152	-13.85	No	-591	360000	15	609.577	Si
230 Prosp.A	Orizzontale	SLE RA 1	-0.1066	-13.19	No	-564	360000	15	638.1154	Si
389 Prosp.A	Orizzontale	SLE RA 10	0.035	-5.78	No	-491	360000	15	733.0589	Si
379 Prosp.A	Orizzontale	SLE RA 1	-0.0327	-5.69	No	-485	360000	15	742.0169	Si
503 Prosp.A	Verticale	SLE RA 1	0.0131	-4.99	No	-447	360000	15	804.8887	Si
504 Prosp.A	Verticale	SLE RA 1	0.015	-4.69	No	-417	360000	15	862.6714	Si
502 Prosp.A	Verticale	SLE RA 1	-0.0122	-4.51	No	-404	360000	15	891.8004	Si
388 Prosp.A	Orizzontale	SLE RA 1	0.0585	-8.9	No	-388	360000	15	927.0631	Si
380 Prosp.A	Orizzontale	SLE RA 1	-0.0588	-8.79	No	-383	360000	15	940.053	Si
446 Prosp.A	Verticale	SLE RA 1	0.0285	-7.34	No	-323	360000	15	1114.1306	Si
447 Prosp.A	Verticale	SLE RA 1	0.031	-7.09	No	-310	360000	15	1161.307	Si
505 Prosp.A	Verticale	SLE RA 1	0.0155	-3.51	No	-307	360000	15	1172.3481	Si
501 Prosp.A	Verticale	SLE RA 1	-0.0139	-3.25	No	-285	360000	15	1264.0864	Si
232 Prosp.A	Orizzontale	SLE RA 10	-0.0738	-7.01	No	-285	360000	15	1264.354	Si
448 Prosp.A	Verticale	SLE RA 1	0.0311	-6.08	No	-263	360000	15	1368.7292	Si
235 Prosp.A	Orizzontale	SLE RA 10	0.0557	-6.31	No	-262	360000	15	1372.7462	Si
445 Prosp.A	Verticale	SLE RA 1	-0.0153	-5.77	No	-258	360000	15	1393.3374	Si
231 Prosp.A	Orizzontale	SLE RA 10	-0.1103	-6.51	No	-242	360000	15	1488.1056	Si
444 Prosp.A	Verticale	SLE RA 1	-0.0269	-5.55	No	-241	360000	15	1494.5519	Si
233 Prosp.A	Orizzontale	SLE RA 10	-0.0331	-5.08	No	-218	360000	15	1652.7236	Si
236 Prosp.A	Orizzontale	SLE RA 10	0.0675	-5.47	No	-217	360000	15	1659.5056	Si
381 Prosp.A	Orizzontale	SLE RA 10	-0.0566	-5.34	No	-217	360000	15	1661.2667	Si
234 Prosp.A	Orizzontale	SLE RA 10	0.0304	-4.92	No	-212	360000	15	1701.8473	Si
237 Prosp.A	Orizzontale	SLE RA 10	0.0877	-5.54	No	-209	360000	15	1720.8426	Si
387 Prosp.A	Orizzontale	SLE RA 1	0.0531	-5.12	No	-208	360000	15	1727.2943	Si
449 Prosp.A	Verticale	SLE RA 1	0.029	-4.43	No	-188	360000	15	1919.6719	Si
443 Prosp.A	Verticale	SLE RA 1	-0.0294	-4	No	-167	360000	15	2151.8021	Si
385 Prosp.A	Orizzontale	SLE RA 10	0.0418	-4.04	No	-165	360000	15	2184.7496	Si
382 Prosp.A	Orizzontale	SLE RA 10	-0.0496	-3.96	No	-157	360000	15	2297.4189	Si
500 Prosp.A	Verticale	SLE RA 1	-0.0145	-1.87	No	-155	360000	15	2318.1922	Si
506 Prosp.A	Verticale	SLE RA 10	0.0167	-1.83	No	-150	360000	15	2407.2922	Si
383 Prosp.A	Orizzontale	SLE RA 10	-0.0286	-3.43	No	-144	360000	15	2503.685	Si
387 Prosp.A	Verticale	SLE RA 1	0.0362	-3.5	No	-140	360000	15	2568.3227	Si
386 Prosp.A	Orizzontale	SLE RA 10	0.0502	-3.6	No	-139	360000	15	2581.2369	Si
384 Prosp.A	Orizzontale	SLE RA 10	0.0226	-3.2	No	-136	360000	15	2646.6619	Si
233 Prosp.A	Verticale	SLE RA 3	0.0186	1.16	No	130	360000	15	2759.6668	Si
386 Prosp.A	Verticale	SLE RA 1	0.0224	-3.1	No	-130	360000	15	2765.691	Si
451 Prosp.A	Orizzontale	SLE RA 10	0.0169	-1.58	No	-126	360000	15	2851.469	Si
234 Prosp.A	Verticale	SLE RA 3	0.0192	1.07	No	124	360000	15	2914.5807	Si
450 Prosp.A	Orizzontale	SLE RA 10	0.0322	-2.93	No	-121	360000	15	2985.2177	Si
441 Prosp.A	Orizzontale	SLE RA 10	-0.0167	-1.5	No	-120	360000	15	3010.1955	Si
442 Prosp.A	Orizzontale	SLE RA 1	-0.0289	-2.84	No	-118	360000	15	3046.7599	Si
232 Prosp.A	Verticale	SLE RA 3	-0.0202	0.94	No	112	360000	15	3203.6647	Si
385 Prosp.A	Verticale	SLE RA 3	0.0358	-2.72	No	-104	360000	15	3451.8698	Si
381 Prosp.A	Verticale	SLE RA 1	-0.0364	-2.58	No	-97	360000	15	3711.8728	Si
388 Prosp.A	Verticale	SLE RA 1	0.037	-2.49	No	-93	360000	15	3880.0494	Si
235 Prosp.A	Verticale	SLE RA 3	0.0193	0.74	No	93	360000	15	3886.961	Si
384 Prosp.A	Verticale	SLE RA 3	0.0341	-2.42	No	-91	360000	15	3951.7518	Si
382 Prosp.A	Verticale	SLE RA 1	-0.0328	-2.4	No	-91	360000	15	3960.0636	Si
443 Prosp.A	Orizzontale	SLE RA 1	-0.0282	-2.21	No	-87	360000	15	4140.0773	Si
449 Prosp.A	Orizzontale	SLE RA 1	0.0292	-2.17	No	-85	360000	15	4257.8857	Si
233 Prosp.A	Verticale	SLE RA 3	-0.0055	0.83	No	84	360000	15	4273.5555	Si
238 Prosp.A	Verticale	SLE RA 1	0.0259	-1.21	No	-81	360000	15	4468.1911	Si
234 Prosp.A	Orizzontale	SLE RA 10	-0.0069	-1.82	No	-81	360000	15	4470.8539	Si
233 Prosp.A	Orizzontale	SLE RA 10	0.006	-1.79	No	-80	360000	15	4504.5114	Si
231 Prosp.A	Verticale	SLE RA 3	-0.0229	0.47	No	72	360000	15	5011.8333	Si
380 Prosp.A	Verticale	SLE RA 1	-0.031	-1.87	No	-68	360000	15	5309.9922	Si
450 Prosp.A	Verticale	SLE RA 1	0.0237	-1.62	No	-60	360000	15	5954.4559	Si
442 Prosp.A	Verticale	SLE RA 1	-0.0262	-1.62	No	-59	360000	15	6101.289	Si
384 Prosp.A	Orizzontale	SLE RA 10	-0.0062	-1.32	No	-58	360000	15	6218.6418	Si
236 Prosp.A	Verticale	SLE RA 3	-0.0047	0.56	No	58	360000	15	6248.2173	Si
383 Prosp.A	Verticale	SLE RA 3	-0.0068	-1.3	No	-56	360000	15	6424.0853	Si
444 Prosp.A	Orizzontale	SLE RA 10	-0.0309	-1.54	No	-55	360000	15	6603.1519	Si
445 Prosp.A	Orizzontale	SLE RA 10	-0.0297	-1.5	No	-53	360000	15	6758.0725	Si
448 Prosp.A	Orizzontale	SLE RA 1	0.0291	-1.46	No	-52	360000	15	6978.8589	Si
383 Prosp.A	Orizzontale	SLE RA 10	0.0043	-1.13	No	-50	360000	15	7163.857	Si
446 Prosp.A	Orizzontale	SLE RA 10	-0.0173	-1.21	No	-47	360000	15	7688.9875	Si

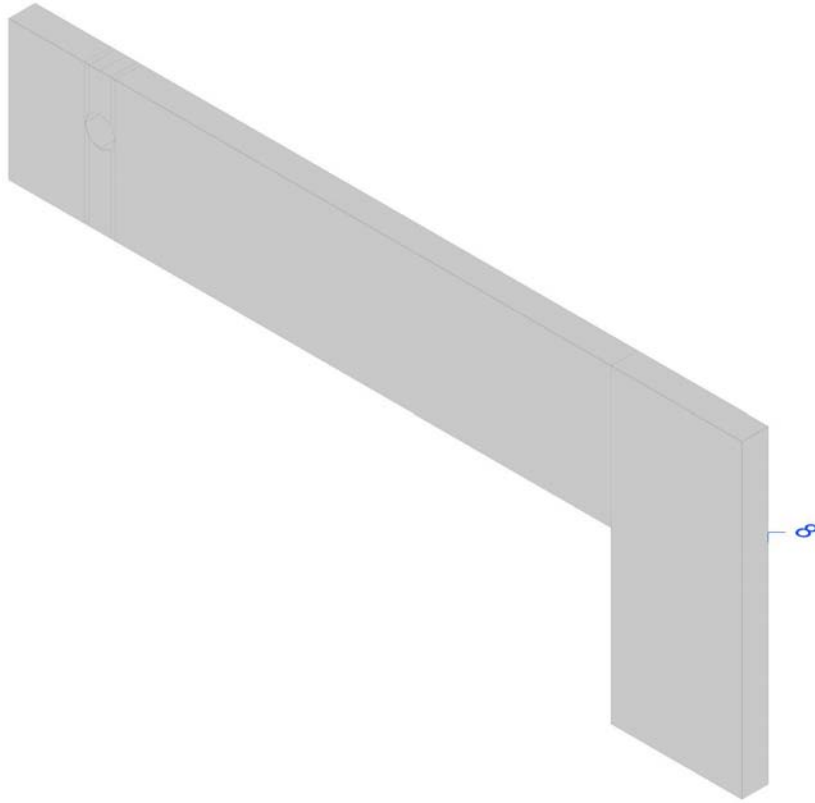
Vano di disinfezione

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	of	of limite	Es/Ec	c.s.	Verifica
447 Prosp.A	Orizzontale	SLE RA 10	0.0197	-1.11	No	-41	360000	15	8868.8535	Si
445 Prosp.A	Verticale	SLE RA 1	0.0034	-0.91	No	-40	360000	15	9015.1012	Si
230 Prosp.A	Verticale	SLE RA 3	0.001	0.31	No	30	360000	15	11958.6517	Si
237 Prosp.A	Verticale	SLE RA 3	-0.0048	0.22	No	26	360000	15	13712.4124	Si
386 Prosp.A	Verticale	SLE RA 3	-0.0035	0.44	No	22	360000	15	16035.5807	Si
236 Prosp.A	Verticale	SLE RA 3	0.021	-0.06	No	20	360000	15	17711.0739	Si
446 Prosp.A	Orizzontale	SLE RA 10	0.0045	-0.48	No	-20	360000	15	18271.9531	Si
447 Prosp.A	Orizzontale	SLE RA 10	-0.0035	-0.4	No	-17	360000	15	21476.7365	Si
507 Prosp.A	Verticale	SLE RA 10	0.0128	-0.35	No	-17	360000	15	21789.0542	Si
230 Prosp.A	Verticale	SLE RA 3	-0.0157	-0.03	No	16	360000	15	21933.4654	Si
231 Prosp.A	Verticale	SLE RA 7	0.0035	-0.18	No	-12	360000	15	30035.8787	Si
383 Prosp.A	Verticale	SLE RA 3	0.0224	-0.53	No	-11	360000	15	32949.6903	Si
380 Prosp.A	Verticale	SLE RA 3	0.0006	0.19	No	9	360000	15	39536.7769	Si
238 Prosp.A	Verticale	SLE RA 3	-0.002	-0.12	No	-9	360000	15	40456.9435	Si
237 Prosp.A	Verticale	SLE RA 3	0.0229	-0.38	No	-7	360000	15	54518.4101	Si
387 Prosp.A	Verticale	SLE RA 3	-0.0036	0.09	No	6	360000	15	56162.2476	Si
381 Prosp.A	Verticale	SLE RA 7	0.0026	-0.16	No	-6	360000	15	60243.3351	Si
388 Prosp.A	Verticale	SLE RA 3	-0.0014	-0.12	No	-5	360000	15	77848.6145	Si
499 Prosp.A	Verticale	SLE RA 10	-0.0125	-0.17	No	-1	360000	15	559722.4549	Si

Parete FILI 6-8

Verifiche condotte secondo D.M. 17-01-18 (N.T.C.)

Geometria



Caratteristiche dei materiali

Acciaio: B450C Fyk 450000

Calcestruzzo: C28/35 Rck 35000

Livelli significativi

Descrizione breve	Descrizione	Quota	Spessore
L1	Livello platea ribassata	-2.5	0
L2	Platea di fondazione	-0.55	0
L3	Piano campagna	0	0
L4	Livello coronamento	1.05	0

Verifiche nei nodi

Sezioni rettangolari

Descrizione	Dir.	Base	Altezza	As,sup	As,inf	c,sup	c,inf
512 Prosp.A	Verticale	0.5	0.3	0.00031	0.00031	0.047	0.047
315 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
313 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
314 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
312 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
311 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
310 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
452 Prosp.A	Verticale	1	0.3	0.000517	0.000517	0.047	0.047
309 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
402 Prosp.A	Verticale	1	0.3	0.000517	0.000517	0.047	0.047
308 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
342 Prosp.A	Verticale	1	0.3	0.000517	0.000517	0.047	0.047
307 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
317 Prosp.A	Verticale	0.5	0.3	0.000308	0.000308	0.047	0.047
135 Prosp.A	Verticale	1	0.3	0.000517	0.000517	0.047	0.047
527 Prosp.A	Verticale	0.5	0.3	0.000462	0.000462	0.047	0.047
468 Prosp.A	Verticale	0.4763	0.3	0.000308	0.000308	0.047	0.047
528 Prosp.A	Verticale	0.5	0.3	0.000462	0.000462	0.047	0.047
464 Prosp.A	Verticale	1	0.3	0.000517	0.000517	0.047	0.047
461 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
514 Prosp.A	Verticale	0.454	0.3	0.000308	0.000308	0.047	0.047
524 Prosp.A	Verticale	0.5	0.3	0.000462	0.000462	0.047	0.047
460 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
529 Prosp.A	Verticale	0.5	0.3	0.000462	0.000462	0.047	0.047
306 Prosp.A	Orizzontale	1	0.3	0.000924	0.000924	0.061	0.061
116 Prosp.A	Verticale	1	0.3	0.000517	0.000517	0.047	0.047
423 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
530 Prosp.A	Verticale	0.5	0.3	0.00031	0.00031	0.047	0.047
418 Prosp.A	Verticale	1	0.3	0.000462	0.000462	0.047	0.047
458 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
526 Prosp.A	Verticale	0.5	0.3	0.000462	0.000462	0.047	0.047
336 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.0622	0.0622
513 Prosp.A	Verticale	0.5	0.3	0.000462	0.000462	0.047	0.047
523 Prosp.A	Verticale	0.5	0.3	0.000462	0.000462	0.047	0.047
391 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
471 Prosp.A	Verticale	0.425	0.3	0.000308	0.000308	0.047	0.047

Descrizione	Dir.	Base	Altezza	As,sup	As,inf	c,sup	c,inf
456 Prosp.A	Verticale	1	0.3	0.000728	0.000728	0.047	0.047
399 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
525 Prosp.A	Verticale	0.5	0.3	0.000462	0.000462	0.047	0.047
350 Prosp.A	Orizzontale	1	0.3	0.000705	0.000705	0.061	0.061
305 Prosp.A	Orizzontale	1	0.3	0.001019	0.001019	0.061	0.061
390 Prosp.A	Verticale	1	0.3	0.000517	0.000517	0.047	0.047
393 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
358 Prosp.A	Orizzontale	1	0.3	0.000731	0.000731	0.061	0.061
392 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
515 Prosp.A	Verticale	0.5	0.3	0.000416	0.000416	0.047	0.047
453 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
469 Prosp.A	Verticale	0.4763	0.3	0.000308	0.000308	0.047	0.047
396 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
522 Prosp.A	Verticale	0.5	0.3	0.000462	0.000462	0.047	0.047
398 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
474 Prosp.A	Verticale	0.4744	0.3	0.000308	0.000308	0.047	0.047
424 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
516 Prosp.A	Verticale	0.5	0.3	0.000462	0.000462	0.047	0.047
305 Prosp.A	Verticale	0.5	0.3	0.000308	0.000308	0.047	0.047
394 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
310 Prosp.A	Verticale	0.5	0.3	0.000308	0.000308	0.047	0.047
362 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
363 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
309 Prosp.A	Verticale	0.5	0.3	0.000308	0.000308	0.047	0.047
338 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
311 Prosp.A	Verticale	0.5	0.3	0.000308	0.000308	0.047	0.047
517 Prosp.A	Verticale	0.5	0.3	0.000462	0.000462	0.047	0.047
415 Prosp.A	Verticale	0.5	0.3	0.000308	0.000308	0.047	0.047
304 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
306 Prosp.A	Verticale	0.5	0.3	0.000308	0.000308	0.047	0.047
97 Prosp.A	Verticale	1	0.3	0.000517	0.000517	0.047	0.047
425 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
308 Prosp.A	Verticale	0.5	0.3	0.000308	0.000308	0.047	0.047
307 Prosp.A	Verticale	0.5	0.3	0.000308	0.000308	0.047	0.047
400 Prosp.A	Verticale	1	0.3	0.000736	0.000736	0.047	0.047
521 Prosp.A	Verticale	0.5	0.3	0.000462	0.000462	0.047	0.047
413 Prosp.A	Orizzontale	0.6806	0.3	0.000544	0.000544	0.0623	0.0623
62 Prosp.A	Orizzontale	0.8358	0.3	0.000616	0.000616	0.0625	0.0625
65 Prosp.A	Orizzontale	0.65	0.3	0.000548	0.000548	0.0627	0.0627
63 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
64 Prosp.A	Orizzontale	0.9875	0.3	0.00077	0.00077	0.0622	0.0622
93 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
91 Prosp.A	Orizzontale	0.8358	0.3	0.000616	0.000616	0.0625	0.0625
65 Prosp.A	Verticale	0.5	0.3	0.000258	0.000258	0.047	0.047
95 Prosp.A	Orizzontale	0.9875	0.3	0.00077	0.00077	0.0622	0.0622
97 Prosp.A	Orizzontale	0.65	0.3	0.000548	0.000548	0.0627	0.0627
130 Prosp.A	Orizzontale	0.8358	0.3	0.000616	0.000616	0.0625	0.0625
113 Prosp.A	Verticale	1	0.3	0.000731	0.000731	0.047	0.047
111 Prosp.A	Orizzontale	0.8358	0.3	0.000616	0.000616	0.0625	0.0625
132 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
391 Prosp.A	Orizzontale	1	0.3	0.000908	0.000908	0.062	0.062
316 Prosp.A	Verticale	0.5	0.3	0.000308	0.000308	0.047	0.047
93 Prosp.A	Verticale	0.9978	0.3	0.00077	0.00077	0.047	0.047
361 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
132 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
133 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
336 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
303 Prosp.A	Orizzontale	0.65	0.3	0.000602	0.000602	0.0626	0.0626
337 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
63 Prosp.A	Verticale	0.5	0.3	0.000385	0.000385	0.047	0.047
349 Prosp.A	Orizzontale	1	0.3	0.001284	0.001284	0.0615	0.0615
91 Prosp.A	Verticale	0.9928	0.3	0.00077	0.00077	0.047	0.047
130 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
113 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
361 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
395 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.0622	0.0622
353 Prosp.A	Orizzontale	1	0.3	0.001	0.001	0.0624	0.0624
116 Prosp.A	Orizzontale	0.65	0.3	0.000548	0.000548	0.0627	0.0627
133 Prosp.A	Orizzontale	0.9875	0.3	0.00077	0.00077	0.0622	0.0622
114 Prosp.A	Verticale	1	0.3	0.000754	0.000754	0.047	0.047
62 Prosp.A	Verticale	0.5	0.3	0.000385	0.000385	0.047	0.047
111 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
337 Prosp.A	Verticale	1	0.3	0.00072	0.00072	0.047	0.047
114 Prosp.A	Orizzontale	0.9875	0.3	0.00077	0.00077	0.0622	0.0622
397 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.061	0.061
453 Prosp.A	Orizzontale	1	0.3	0.000908	0.000908	0.062	0.062
390 Prosp.A	Orizzontale	0.65	0.3	0.000602	0.000602	0.0626	0.0626
395 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
458 Prosp.A	Orizzontale	1	0.3	0.00077	0.00077	0.0622	0.0622
315 Prosp.A	Verticale	0.5	0.3	0.000308	0.000308	0.047	0.047
95 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
304 Prosp.A	Verticale	0.5	0.3	0.000308	0.000308	0.047	0.047
312 Prosp.A	Verticale	0.5	0.3	0.000308	0.000308	0.047	0.047
349 Prosp.A	Verticale	0.8862	0.3	0.000616	0.000616	0.047	0.047
454 Prosp.A	Verticale	1	0.3	0.00077	0.00077	0.047	0.047
418 Prosp.A	Orizzontale	0.5	0.3	0.000462	0.000462	0.0626	0.0626
313 Prosp.A	Verticale	0.5	0.3	0.000308	0.000308	0.047	0.047

Verifiche a flessione SLU D.M. 17-01-18 §4.1.2.3.4.2

La struttura è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione, per le combinazioni SLV, viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
512 Prosp.A	Verticale	SLV 7	-3.0909	6.57	-22.4247	47.65	7.2552	Si
315 Prosp.A	Orizzontale	SLV 9	8.6203	-5.62	70.7789	-46.17	8.2107	Si
313 Prosp.A	Orizzontale	SLV 5	8.4562	-4.51	69.7623	-37.18	8.2498	Si
314 Prosp.A	Orizzontale	SLV 5	8.1981	-2.53	67.9231	-20.99	8.2853	Si
312 Prosp.A	Orizzontale	SLV 5	8.5886	-6.36	71.5548	-53.01	8.3314	Si
311 Prosp.A	Orizzontale	SLV 5	8.5608	-7.57	72.8244	-64.37	8.5067	Si
310 Prosp.A	Orizzontale	SLV 9	8.3796	-7.31	72.7248	-63.42	8.6788	Si
452 Prosp.A	Verticale	SLV 7	-4.5671	6.71	-40.1632	59	8.7941	Si

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
309 Prosp.A	Orizzontale	SLV 9	8.0606	-7.08	72.7791	-63.95	9.029	Si
402 Prosp.A	Verticale	SLV 7	5.9991	-6.8	54.8406	-62.14	9.1415	Si
312 Prosp.A	Orizzontale	SLV 11	-8.1417	-9.5	-75.4735	-88.02	9.27	Si
512 Prosp.A	Verticale	SLV 5	3.573	-4.6	33.2158	-42.76	9.2964	Si
311 Prosp.A	Orizzontale	SLV 11	-8.0602	-8.95	-74.9368	-83.18	9.2972	Si
315 Prosp.A	Orizzontale	SLV 7	-8.2675	-11.14	-77.2682	-104.11	9.346	Si
313 Prosp.A	Orizzontale	SLV 11	-8.1362	-10.06	-76.162	-94.19	9.3609	Si
310 Prosp.A	Orizzontale	SLV 11	-7.8774	-8.98	-75.2234	-85.79	9.5493	Si
314 Prosp.A	Orizzontale	SLV 7	-8.0083	-10.28	-76.6294	-98.4	9.5687	Si
308 Prosp.A	Orizzontale	SLV 9	7.588	-6.52	72.6072	-62.43	9.5687	Si
452 Prosp.A	Verticale	SLV 5	5.7582	-6.78	55.1721	-64.93	9.5815	Si
342 Prosp.A	Verticale	SLV 7	6.0281	-10.1	59.2005	-99.2	9.8207	Si
309 Prosp.A	Orizzontale	SLV 7	-7.5626	-9.24	-76.0221	-92.92	10.0523	Si
307 Prosp.A	Orizzontale	SLV 9	6.9983	-5.63	72.1112	-58.01	10.3041	Si
317 Prosp.A	Verticale	SLV 5	3.7603	-9.55	39.574	-100.47	10.5242	Si
135 Prosp.A	Verticale	SLV 7	5.8128	-12.06	62.8135	-130.31	10.8061	Si
527 Prosp.A	Verticale	SLV 13	-0.4805	27.95	-5.325	309.72	11.0828	Si
468 Prosp.A	Verticale	SLV 7	-1.6463	7.11	-18.2791	78.98	11.1033	Si
308 Prosp.A	Orizzontale	SLV 7	-7.0032	-10	-78.081	-111.48	11.1494	Si
402 Prosp.A	Verticale	SLV 9	-4.1873	-0.51	-48.1032	-5.83	11.4878	Si
528 Prosp.A	Verticale	SLV 13	-0.8282	23.24	-9.5694	268.52	11.5542	Si
464 Prosp.A	Verticale	SLV 7	4.7991	-5.85	55.4894	-67.62	11.5626	Si
461 Prosp.A	Verticale	SLV 9	-4.2995	11.14	-52.9076	137.13	12.3055	Si
514 Prosp.A	Verticale	SLV 7	-1.3493	7.41	-16.6674	91.53	12.3522	Si
524 Prosp.A	Verticale	SLV 13	0.1155	27.56	1.4556	347.29	12.6016	Si
527 Prosp.A	Verticale	SLV 15	0.0473	28.2	0.5964	355.63	12.6111	Si
460 Prosp.A	Verticale	SLV 9	-3.3434	17.48	-42.4233	221.8	12.6885	Si
464 Prosp.A	Verticale	SLV 9	-3.1852	4.31	-40.6564	55.04	12.7643	Si
317 Prosp.A	Verticale	SLV 7	-3.7497	-14.57	-49.5539	-192.61	13.2155	Si
529 Prosp.A	Verticale	SLV 9	-2.1119	8.12	-28.3118	108.88	13.4057	Si
307 Prosp.A	Orizzontale	SLV 7	-6.1665	-12.43	-84.5599	-170.5	13.7129	Si
306 Prosp.A	Orizzontale	SLV 9	6.1606	-4.63	84.7549	-63.76	13.7577	Si
116 Prosp.A	Verticale	SLV 7	5.2598	-15.63	72.5112	-215.46	13.786	Si
423 Prosp.A	Verticale	SLV 13	0.4978	37.97	7.0051	534.36	14.0731	Si
530 Prosp.A	Verticale	SLV 13	-1.0155	7.69	-14.5296	110.03	14.3081	Si
418 Prosp.A	Verticale	SLV 7	-2.2395	5.32	-32.8405	78.03	14.6641	Si
461 Prosp.A	Verticale	SLV 11	4.1285	4.58	61.2471	67.95	14.8353	Si
529 Prosp.A	Verticale	SLV 11	2.0317	5.94	30.65	89.62	15.0856	Si
458 Prosp.A	Verticale	SLV 13	-0.6026	34	-9.108	513.94	15.1149	Si
528 Prosp.A	Verticale	SLV 11	1.5236	9.43	23.661	146.47	15.5299	Si
526 Prosp.A	Verticale	SLV 13	-0.074	22.19	-1.1668	350.09	15.7736	Si
336 Prosp.A	Orizzontale	SLV 7	-5.2265	-10.14	-82.6881	-160.35	15.821	Si
513 Prosp.A	Verticale	SLV 7	-1.8955	5.88	-30.1762	93.54	15.92	Si
526 Prosp.A	Verticale	SLV 15	0.0301	22.11	0.4854	356.71	16.134	Si
523 Prosp.A	Verticale	SLV 13	-0.0564	21.64	-0.9179	352.51	16.2869	Si
391 Prosp.A	Verticale	SLV 9	4.7595	-5.6	80.0673	-94.29	16.8227	Si
471 Prosp.A	Verticale	SLV 7	-0.755	7.26	-12.71	122.18	16.8353	Si
456 Prosp.A	Verticale	SLV 7	-3.0233	7.2	-51.1198	121.8	16.9086	Si
399 Prosp.A	Verticale	SLV 7	4.9182	-7.48	83.8047	-127.51	17.0398	Si
525 Prosp.A	Verticale	SLV 15	0.0412	20.73	0.705	354.57	17.1085	Si
399 Prosp.A	Verticale	SLV 9	-4.1226	-1.6	-72.5113	-28.15	17.5889	Si
460 Prosp.A	Verticale	SLV 11	3.0298	7.58	53.3605	133.42	17.6118	Si
350 Prosp.A	Orizzontale	SLV 9	3.898	-4.98	70.6473	-90.33	18.1238	Si
305 Prosp.A	Orizzontale	SLV 9	4.8113	-3.03	91.4311	-57.64	19.0033	Si
390 Prosp.A	Verticale	SLV 9	2.9732	-4.51	57.876	-87.89	19.466	Si
393 Prosp.A	Orizzontale	SLV 11	-4.156	-7.75	-82.8064	-154.45	19.9244	Si
530 Prosp.A	Verticale	SLV 7	1.8386	-3.65	36.6548	-72.81	19.9368	Si
358 Prosp.A	Orizzontale	SLV 9	3.7425	-5.42	74.6764	-108.17	19.9536	Si
392 Prosp.A	Orizzontale	SLV 7	-4.1705	-7.96	-83.3093	-159.04	19.9758	Si
515 Prosp.A	Verticale	SLV 7	0.9464	7.53	18.9713	150.9	20.0452	Si
453 Prosp.A	Verticale	SLV 13	0.5541	24.67	11.1082	494.52	20.0467	Si
469 Prosp.A	Verticale	SLV 11	0.6309	6.07	12.7158	122.28	20.154	Si
396 Prosp.A	Orizzontale	SLV 11	-4.1165	-7.83	-83.2501	-158.44	20.2233	Si
522 Prosp.A	Verticale	SLV 15	-0.2417	15.51	-4.8923	313.92	20.242	Si
398 Prosp.A	Orizzontale	SLV 11	-3.8824	-5.86	-78.9375	-119.21	20.332	Si
342 Prosp.A	Verticale	SLV 9	-2.8411	-4.39	-58.0866	-89.69	20.4452	Si
474 Prosp.A	Verticale	SLV 7	0.6753	5.49	13.9046	113.13	20.5916	Si
424 Prosp.A	Verticale	SLV 13	0.2397	26.9	4.9407	554.4	20.6125	Si
516 Prosp.A	Verticale	SLV 7	1.2007	6.66	24.7885	137.45	20.6453	Si
305 Prosp.A	Verticale	SLV 9	1.0572	2.27	22.2156	47.71	21.0144	Si
394 Prosp.A	Orizzontale	SLV 11	-3.9855	-7.92	-84.2114	-167.31	21.1292	Si
358 Prosp.A	Orizzontale	SLV 11	-3.9718	-9.11	-83.99	-192.73	21.1467	Si
310 Prosp.A	Verticale	SLV 9	0.8795	3.57	18.7007	75.85	21.2639	Si
362 Prosp.A	Orizzontale	SLV 7	-4.2308	-11.02	-92.0286	-239.74	21.7523	Si
363 Prosp.A	Orizzontale	SLV 7	-4.1551	-10.32	-90.4011	-224.53	21.7564	Si
394 Prosp.A	Orizzontale	SLV 9	3.6163	-5.42	78.8229	-118.17	21.7967	Si
350 Prosp.A	Orizzontale	SLV 11	-3.9843	-11.09	-87.4946	-243.53	21.9599	Si
309 Prosp.A	Verticale	SLV 9	0.8432	3.48	18.597	76.67	22.0552	Si
363 Prosp.A	Orizzontale	SLV 9	3.1223	-1.38	68.9998	-30.42	22.0992	Si
398 Prosp.A	Orizzontale	SLV 9	3.403	-3.94	75.3994	-87.35	22.157	Si
306 Prosp.A	Orizzontale	SLV 11	-5.0774	-14.75	-112.7203	-327.52	22.2003	Si
338 Prosp.A	Verticale	SLV 7	4.3468	-11.07	96.9259	-246.82	22.2982	Si
311 Prosp.A	Verticale	SLV 9	0.8326	3.34	18.7785	75.22	22.5549	Si
458 Prosp.A	Verticale	SLV 15	0.0426	26.26	0.9623	593.02	22.5814	Si
392 Prosp.A	Orizzontale	SLV 9	3.3471	-4.09	76.0034	-92.8	22.7075	Si
517 Prosp.A	Verticale	SLV 11	1.1289	5.55	25.9922	127.75	23.0241	Si
393 Prosp.A	Orizzontale	SLV 9	3.4158	-5.22	79.1286	-120.92	23.1652	Si
396 Prosp.A	Orizzontale	SLV 9	3.4652	-5.68	80.3106	-131.63	23.1761	Si
415 Prosp.A	Verticale	SLV 11	-1.2264	-0.21	-28.594	-4.98	23.3162	Si
304 Prosp.A	Orizzontale	SLV 9	3.0712	-2.58	72.4446	-60.95	23.5882	Si
306 Prosp.A	Verticale	SLV 9	0.8617	2.62	20.4179	62.18	23.6961	Si
524 Prosp.A	Verticale	SLV 11	-0.2979	12.32	-7.0775	292.71	23.7605	Si

Verifiche a flessione SLD Resistenza D.M. 17-01-18 §4.1.2.3.4.2

La struttura è stata dichiarata come non dissipativa pertanto la verifica a pressoflessione viene eseguita calcolando i momenti resistenti in campo sostanzialmente elastico secondo D.M. 17-01-2018 §7.4.1

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
512 Prosp.A	Verticale	SLD 7	-1.3955	3.32	-21.8851	52.02	15.6824	Si
135 Prosp.A	Verticale	SLD 7	4.1529	-11.07	68.9384	-183.8	16.6	Si
402 Prosp.A	Verticale	SLD 7	3.4726	-5.22	57.7387	-86.71	16.6272	Si

Descrizione	Dir.	Comb.	MEd	NEd	MRd	NRd	c.s.	Verifica
512 Prosp.A	Verticale	SLD 5	1.9598	-2.3	32.7101	-38.39	16.6903	Si
342 Prosp.A	Verticale	SLD 7	3.8245	-8.66	64.6699	-146.42	16.9095	Si
452 Prosp.A	Verticale	SLD 5	3.2504	-4.12	55.8711	-70.84	17.1891	Si
526 Prosp.A	Verticale	SLD 15	0.1082	19.66	1.8881	343.09	17.4526	Si
527 Prosp.A	Verticale	SLD 13	-0.2451	18.29	-4.2852	319.81	17.4842	Si
313 Prosp.A	Orizzontale	SLD 5	4.3433	-5.9	77.3719	-105.08	17.814	Si
314 Prosp.A	Orizzontale	SLD 5	4.1839	-4.51	74.6234	-80.36	17.8358	Si
315 Prosp.A	Orizzontale	SLD 9	4.4319	-7	79.675	-125.93	17.9776	Si
312 Prosp.A	Orizzontale	SLD 5	4.4416	-7.15	79.9924	-128.81	18.0098	Si
311 Prosp.A	Orizzontale	SLD 5	4.441	-7.92	81.8844	-146.01	18.4381	Si
527 Prosp.A	Verticale	SLD 15	0.1074	18.45	1.9906	342.09	18.5387	Si
310 Prosp.A	Orizzontale	SLD 9	4.3479	-7.77	81.9333	-146.44	18.8443	Si
116 Prosp.A	Verticale	SLD 7	4.1652	-14.52	79.2828	-276.39	19.0344	Si
528 Prosp.A	Verticale	SLD 13	-0.3774	15.13	-7.2568	290.97	19.2263	Si
309 Prosp.A	Orizzontale	SLD 9	4.1881	-7.62	82.3054	-149.83	19.6523	Si
524 Prosp.A	Verticale	SLD 13	0.1037	17.01	2.08	341.23	20.0657	Si
464 Prosp.A	Verticale	SLD 7	2.6523	-2.66	53.889	-54.09	20.3178	Si
308 Prosp.A	Orizzontale	SLD 9	3.9707	-7.39	82.767	-154.09	20.8446	Si
452 Prosp.A	Verticale	SLD 7	-1.946	2.66	-40.601	55.47	20.8643	Si
313 Prosp.A	Orizzontale	SLD 11	-4.0233	-8.67	-86.2251	-185.83	21.4315	Si
314 Prosp.A	Orizzontale	SLD 7	-3.9873	-8.38	-85.5807	-179.85	21.4635	Si
312 Prosp.A	Orizzontale	SLD 11	-3.9947	-8.71	-86.5281	-188.58	21.6608	Si
315 Prosp.A	Orizzontale	SLD 7	-4.0791	-9.76	-89.2018	-213.41	21.8678	Si
311 Prosp.A	Orizzontale	SLD 11	-3.9404	-8.59	-86.5483	-188.78	21.9643	Si
307 Prosp.A	Orizzontale	SLD 9	3.7337	-7.32	83.9134	-164.53	22.4745	Si
460 Prosp.A	Verticale	SLD 9	-1.6327	11.7	-36.9623	264.88	22.6384	Si
310 Prosp.A	Orizzontale	SLD 11	-3.8503	-8.6	-87.2072	-194.87	22.6497	Si
528 Prosp.A	Verticale	SLD 11	0.807	8.24	18.4145	187.91	22.8179	Si
423 Prosp.A	Verticale	SLD 13	0.3882	22.59	8.8715	516.23	22.8549	Si
525 Prosp.A	Verticale	SLD 15	0.0459	15.22	1.0602	351.13	23.0764	Si
309 Prosp.A	Orizzontale	SLD 7	-3.6902	-8.7	-88.7596	-209.31	24.0531	Si
529 Prosp.A	Verticale	SLD 9	-0.9855	6.06	-23.7276	145.95	24.0756	Si
529 Prosp.A	Verticale	SLD 11	1.1025	5.03	26.7228	121.83	24.2375	Si
461 Prosp.A	Verticale	SLD 9	-2.0021	7.11	-48.5602	172.55	24.2547	Si
468 Prosp.A	Verticale	SLD 7	-0.7648	2.97	-18.9641	73.54	24.7957	Si
458 Prosp.A	Verticale	SLD 13	-0.3043	21.27	-7.567	528.9	24.8664	Si
461 Prosp.A	Verticale	SLD 11	2.2446	3.88	57.4864	99.35	25.6107	Si
453 Prosp.A	Verticale	SLD 15	0.1237	21.88	3.2278	571.03	26.0928	Si
523 Prosp.A	Verticale	SLD 13	-0.1118	12.31	-3.0152	332.15	26.9801	Si
458 Prosp.A	Verticale	SLD 15	0.1213	20.99	3.2962	570.36	27.1784	Si
308 Prosp.A	Orizzontale	SLD 7	-3.3859	-9.13	-93.2815	-251.55	27.5499	Si
530 Prosp.A	Verticale	SLD 13	-0.4246	4.63	-11.9256	130.02	28.0874	Si
514 Prosp.A	Verticale	SLD 7	-0.679	2.57	-19.1023	72.23	28.1331	Si
460 Prosp.A	Verticale	SLD 11	1.5789	6.81	45.5857	196.53	28.8716	Si
464 Prosp.A	Verticale	SLD 13	-0.9141	5.77	-26.4412	166.94	28.9247	Si
526 Prosp.A	Verticale	SLD 13	-0.0352	12.1	-1.0219	351.5	29.0535	Si
306 Prosp.A	Orizzontale	SLD 9	3.3858	-7.47	102.1291	-225.38	30.1642	Si
524 Prosp.A	Verticale	SLD 11	-0.2127	9.38	-6.7176	296.2	31.5866	Si
530 Prosp.A	Verticale	SLD 7	1.0056	-1.07	32.233	-34.28	32.0537	Si
471 Prosp.A	Verticale	SLD 7	-0.5328	2.58	-17.4926	84.78	32.8328	Si
402 Prosp.A	Verticale	SLD 9	-1.6608	-2.09	-55.7922	-70.19	33.5931	Si
513 Prosp.A	Verticale	SLD 7	-0.8546	2.87	-29.5104	99.04	34.5333	Si
399 Prosp.A	Verticale	SLD 7	2.6677	-6.09	93.2254	-212.75	34.9458	Si
418 Prosp.A	Verticale	SLD 7	-1.0442	1.19	-37.3063	42.5	35.7284	Si
97 Prosp.A	Verticale	SLD 7	2.9056	-14.28	104.3679	-512.89	35.9192	Si
317 Prosp.A	Verticale	SLD 5	1.9743	-11.63	72.6663	-428.11	36.8053	Si
390 Prosp.A	Verticale	SLD 9	1.7634	-4.08	65.1987	-151.02	36.9728	Si
424 Prosp.A	Verticale	SLD 13	0.2031	14.05	7.634	528.25	37.5955	Si
307 Prosp.A	Orizzontale	SLD 7	-2.9019	-10.74	-109.1717	-404.17	37.621	Si
522 Prosp.A	Verticale	SLD 15	-0.2071	7.56	-7.8204	285.49	37.7678	Si
525 Prosp.A	Verticale	SLD 13	-0.0192	8.81	-0.77	353.94	40.197	Si
456 Prosp.A	Verticale	SLD 7	-1.3816	2.11	-55.616	84.74	40.2548	Si
305 Prosp.A	Verticale	SLD 9	0.6005	0.52	25.3487	22.09	42.2144	Si
392 Prosp.A	Orizzontale	SLD 7	-2.312	-6.99	-98.0085	-296.27	42.3914	Si
513 Prosp.A	Verticale	SLD 5	1.219	-2.36	52.4419	-101.69	43.0188	Si
391 Prosp.A	Verticale	SLD 9	2.5499	-8.54	109.7706	-367.74	43.0494	Si
305 Prosp.A	Orizzontale	SLD 9	2.6528	-6.52	115.2355	-283.17	43.4395	Si
423 Prosp.A	Verticale	SLD 11	-0.526	8.71	-22.929	379.75	43.5952	Si
393 Prosp.A	Orizzontale	SLD 11	-2.2904	-7.23	-100.063	-315.87	43.6881	Si
363 Prosp.A	Orizzontale	SLD 7	-2.0789	-5.29	-91.1814	-231.81	43.8597	Si
398 Prosp.A	Orizzontale	SLD 11	-2.0902	-5.5	-92.3961	-243.21	44.2051	Si
317 Prosp.A	Verticale	SLD 7	-1.6892	-10.34	-75.9943	-465.14	44.9888	Si
396 Prosp.A	Orizzontale	SLD 11	-2.2477	-7.44	-102.5186	-339.44	45.6098	Si
399 Prosp.A	Verticale	SLD 9	-1.8891	-3.34	-86.6479	-153.01	45.8662	Si
310 Prosp.A	Verticale	SLD 9	0.4272	1.27	20.551	61.11	48.1047	Si
306 Prosp.A	Verticale	SLD 9	0.4809	0.77	23.4547	37.63	48.7676	Si
309 Prosp.A	Verticale	SLD 9	0.4133	1.29	20.2942	63.16	49.1022	Si
394 Prosp.A	Orizzontale	SLD 11	-2.1161	-7.53	-106.6122	-379.15	50.3824	Si
425 Prosp.A	Verticale	SLD 15	-0.302	8.99	-15.2514	454.29	50.5083	Si
308 Prosp.A	Verticale	SLD 9	0.3928	1.2	20.3876	62.41	51.8993	Si
515 Prosp.A	Verticale	SLD 7	0.392	2.7	20.3596	139.99	51.9395	Si
338 Prosp.A	Verticale	SLD 7	2.4307	-10.22	126.503	-531.79	52.0442	Si
350 Prosp.A	Orizzontale	SLD 9	1.9121	-6.88	99.6717	-358.73	52.1273	Si
362 Prosp.A	Orizzontale	SLD 7	-2.3309	-10.26	-122.8281	-540.85	52.6954	Si
358 Prosp.A	Orizzontale	SLD 11	-2.0737	-8.49	-111.7138	-457.54	53.8723	Si
363 Prosp.A	Orizzontale	SLD 9	1.5124	-2.68	81.7574	-144.83	54.0584	Si
311 Prosp.A	Verticale	SLD 9	0.3915	1.03	21.1921	55.97	54.1296	Si
469 Prosp.A	Verticale	SLD 7	0.2684	1.94	14.7474	106.63	54.9412	Si
474 Prosp.A	Verticale	SLD 7	0.2687	1.89	14.9353	105.17	55.5912	Si
307 Prosp.A	Verticale	SLD 9	0.3747	1.02	21.0356	57.22	56.1332	Si
336 Prosp.A	Orizzontale	SLD 9	3.3751	-35.86	190.0097	-2018.91	56.2973	Si
358 Prosp.A	Orizzontale	SLD 9	1.8259	-6.64	103.3964	-375.97	56.6287	Si
400 Prosp.A	Verticale	SLD 9	1.4583	-2.57	83.0577	-146.4	56.9547	Si
453 Prosp.A	Verticale	SLD 13	-0.0267	10.29	-1.5219	587.59	57.0791	Si
521 Prosp.A	Verticale	SLD 15	-0.2139	4.23	-12.2662	242.33	57.3472	Si
468 Prosp.A	Verticale	SLD 5	0.997	-4.74	57.6579	-274.24	57.8338	Si
413 Prosp.A	Orizzontale	SLD 9	1.1409	-3.28	66.4989	-191.24	58.2884	Si

Verifiche a taglio SLU D.M. 17-01-18 §4.1.2.3.5

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
471 Prosp.A	Verticale	0.253	0.425	Non necessaria	0	SLV 9	12.79	-6.55	0.5678	53.49	275.52	0	53.49	2.5	0.0003079	4.1812	Si
514 Prosp.A	Verticale	0.253	0.454	Non necessaria	0	SLV 9	11.05	-9.3	1.2156	57.44	294.62	0	57.44	2.5	0.0003079	5.1995	Si
336 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 9	-22.05	-30.75	1.9467	127.81	650.29	0	127.81	2.5	0.0007697	5.7952	Si
317 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 9	-10.52	-13.15	4.0055	63.62	324.85	0	63.62	2.5	0.0003079	6.0503	Si
130 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 9	-15.7	-27.51	2.3774	127.4	649.86	0	127.4	2.5	0.0007697	8.117	Si
391 Prosp.A	Orizzontale	0.238	1	Non necessaria	0	SLV 9	-14.82	-43.88	2.0969	127.28	613.24	0	127.28	2.5	0.0009084	8.5875	Si
361 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 9	-14.04	-30.34	2.7901	123.08	614.25	0	123.08	2.5	0.0007697	8.7653	Si
473 Prosp.A	Orizzontale	0.238	1	Non necessaria	0	SLV 9	12.03	-0.47	-0.768	119.13	607.53	0	119.13	2.5	0.0006158	9.9027	Si
116 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLU 7	12.56	-20.48	4.7431	126.51	648.94	0	126.51	2.5	0.0005169	10.0748	Si
114 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLU 7	12.46	-22.05	0.4916	126.71	649.15	0	126.71	2.5	0.0007541	10.17	Si
471 Prosp.A	Orizzontale	0.237	1	Non necessaria	0	SLV 9	11.04	0.04	-0.6136	118.7	604.44	0	118.7	2.5	0.0006158	10.7489	Si
395 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 9	-11.59	-5.35	0.9587	124.6	646.96	0	124.6	2.5	0.0007697	10.7548	Si
308 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 9	-10.66	-6.52	7.588	120.24	611.31	0	120.24	2.5	0.0007697	11.2803	Si
307 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 9	-10.38	-5.63	6.9983	120.13	611.2	0	120.13	2.5	0.0007697	11.5768	Si
309 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 5	-10.37	-7.17	8.0129	120.32	611.39	0	120.32	2.5	0.0007697	11.5985	Si
391 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 9	-10.68	-5.6	4.7595	124.63	647	0	124.63	2.5	0.0007697	11.6699	Si
310 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 5	-10.1	-7.47	8.3703	120.35	611.42	0	120.35	2.5	0.0007697	11.9204	Si
311 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 5	-9.96	-7.57	8.5608	120.36	611.44	0	120.36	2.5	0.0007697	12.0882	Si
312 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 5	-9.92	-6.36	8.5886	120.22	611.29	0	120.22	2.5	0.0007697	12.1243	Si
392 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 5	-9.85	-5.81	3.3045	120.15	611.22	0	120.15	2.5	0.0007697	12.1944	Si
97 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLU 7	10.33	-20.44	3.5725	126.51	648.94	0	126.51	2.5	0.0005169	12.2441	Si
95 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLU 7	10.26	-17.41	-0.222	126.12	648.54	0	126.12	2.5	0.0007697	12.2884	Si
313 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 5	-9.66	-4.51	8.4562	120	611.06	0	120	2.5	0.0007697	12.4266	Si
362 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 9	-9.52	-7.99	3.4486	120.41	611.49	0	120.41	2.5	0.0007697	12.6454	Si
315 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 9	-9.48	-5.62	8.6203	120.13	611.2	0	120.13	2.5	0.0007697	12.6767	Si
363 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 5	-9.42	-3.57	3.2177	119.88	610.94	0	119.88	2.5	0.0007697	12.7312	Si
314 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 5	-9.23	-2.53	8.1981	119.76	610.81	0	119.76	2.5	0.0007697	12.9684	Si
337 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 9	-9.74	-21.7	-2.37	126.67	649.1	0	126.67	2.5	0.0007203	13.005	Si
111 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLU 7	-9.54	-13.13	-0.8371	125.58	647.98	0	125.58	2.5	0.0007697	13.1592	Si
474 Prosp.A	Orizzontale	0.237	1	Non necessaria	0	SLV 9	8.96	-0.31	-1.5581	118.92	606	0	118.92	2.5	0.000821	13.2657	Si
135 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLU 10	9.3	-16.57	4.1222	126.02	648.43	0	126.02	2.5	0.0005169	13.5453	Si
133 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLU 10	9.24	-18.78	0.9061	126.3	648.72	0	126.3	2.5	0.0007697	13.6723	Si
336 Prosp.A	Orizzontale	0.238	1	Non necessaria	0	SLV 9	-9.01	-35.49	4.6181	123.28	611.72	0	123.28	2.5	0.0007697	13.6832	Si
306 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 5	-8.97	-5.96	6.2125	123.68	611.24	0	123.68	2.5	0.0009236	13.7808	Si
132 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 9	-9.12	-24.76	-2.0136	127.05	649.5	0	127.05	2.5	0.0007697	13.9334	Si
512 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 9	-4.42	-6.52	3.7384	62.79	323.98	0	62.79	2.5	0.0003102	14.2109	Si
513 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 9	-4.11	-6.23	2.2972	63.79	323.95	0	63.79	2.5	0.0004618	15.539	Si
358 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 9	-7.64	-5.42	3.7425	120.11	611.17	0	120.11	2.5	0.0007307	15.728	Si
394 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 9	-7.46	-5.42	3.6163	120.11	611.17	0	120.11	2.5	0.0007697	16.1075	Si
349 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 5	-8.38	-7.19	3.585	137.97	610.17	0	137.97	2.5	0.0012839	16.4588	Si
396 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 5	-7.14	-6.28	3.4436	120.21	611.28	0	120.21	2.5	0.0007697	16.837	Si
397 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 7	7.38	-13.96	3.1771	125.69	648.09	0	125.69	2.5	0.0007697	17.0307	Si
393 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 5	-7.04	-5.68	3.3916	120.14	611.2	0	120.14	2.5	0.0007697	17.0552	Si
350 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 5	-6.83	-6.52	3.872	120.24	611.31	0	120.24	2.5	0.0007047	17.605	Si
91 Prosp.A	Verticale	0.253	0.993	Non necessaria	0	SLU 7	-7.03	-8.81	-1.0056	124.15	642.78	0	124.15	2.5	0.0007697	17.6676	Si
338 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 7	6.78	-13.34	4.25	125.61	648.01	0	125.61	2.5	0.0007697	18.5216	Si
452 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 9	-6.68	-9.59	5.9858	125.13	647.52	0	125.13	2.5	0.0005169	18.743	Si
64 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLU 7	3.26	-5.08	-0.2722	62.6	323.8	0	62.6	2.5	0.0003848	19.1941	Si
65 Prosp.A	Orizzontale	0.237	0.65	Non necessaria	0	SLV 7	4.11	-21.66	-2.4478	79.88	396.62	0	79.88	2.5	0.0005483	19.4118	Si
65 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLU 7	3.24	-8.48	1.1405	63.03	324.24	0	63.03	2.5	0.0002585	19.4575	Si

Vano di disinfezione

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
305 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 5	-6.51	-5.05	4.9539	127.66	611.13	0	127.66	2.5	0.001019	19.6235	Si
97 Prosp.A	Orizzontale	0.237	0.65	Non necessaria	0	SLV 7	4.09	-27.77	-0.5782	80.6	397.37	0	80.6	2.5	0.0005483	19.6952	Si
342 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLU 10	6.11	-12.46	3.1461	125.5	647.89	0	125.5	2.5	0.0005169	20.5406	Si
113 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 7	6.11	-15.87	-1.162	125.93	648.34	0	125.93	2.5	0.0007314	20.596	Si
399 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 7	5.49	-10.82	4.9146	125.29	647.68	0	125.29	2.5	0.0007697	22.8089	Si
418 Prosp.A	Orizzontale	0.237	0.5	Non necessaria	0	SLV 9	2.56	-0.91	0.293	61.42	303.34	0	61.42	2.5	0.0004618	24.0146	Si
95 Prosp.A	Orizzontale	0.238	0.987	Non necessaria	0	SLV 7	4.99	-34.8	-1.5241	121.71	604.05	0	121.71	2.5	0.0007697	24.3906	Si
130 Prosp.A	Orizzontale	0.237	0.836	Non necessaria	0	SLV 5	4.18	-25.2	1.532	102.42	510.05	0	102.42	2.5	0.0006158	24.4983	Si
474 Prosp.A	Verticale	0.253	0.474	Non necessaria	0	SLV 5	2.38	-5.09	-0.9601	59.44	307.27	0	59.44	2.5	0.0003079	24.9209	Si
469 Prosp.A	Verticale	0.253	0.476	Non necessaria	0	SLV 5	2.37	-5.12	-0.956	59.67	308.46	0	59.67	2.5	0.0003079	25.1575	Si
424 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 7	4.65	-6.51	-0.5964	120.24	611.31	0	120.24	2.5	0.0007697	25.8302	Si
64 Prosp.A	Orizzontale	0.238	0.987	Non necessaria	0	SLV 7	4.65	-29.41	-3.6141	121.07	603.38	0	121.07	2.5	0.0007697	26.0345	Si
460 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 7	4.57	-5.59	3.5473	124.63	646.99	0	124.63	2.5	0.0007697	27.2421	Si
458 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 7	4.58	-5.95	1.1237	124.67	647.04	0	124.67	2.5	0.0007697	27.2488	Si
415 Prosp.A	Orizzontale	0.237	0.5	Non necessaria	0	SLV 5	-2.26	-2.19	1.5603	61.57	303.5	0	61.57	2.5	0.0004618	27.2648	Si
390 Prosp.A	Orizzontale	0.237	0.65	Non necessaria	0	SLV 11	2.97	-10.72	0.1818	81.05	395.53	0	81.05	2.5	0.000602	27.2869	Si
423 Prosp.A	Orizzontale	0.238	1	Non necessaria	0	SLV 7	4.49	-5.88	-0.0261	123.44	608.61	0	123.44	2.5	0.0009236	27.5163	Si
419 Prosp.A	Orizzontale	0.237	0.5	Non necessaria	0	SLV 11	2.17	-3.34	-0.9112	61.7	303.64	0	61.7	2.5	0.0004618	28.4147	Si
425 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 7	4.17	-6.64	-1.407	120.25	611.32	0	120.25	2.5	0.0007697	28.8399	Si
412 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 5	2.18	-3.01	0.6144	63.39	323.53	0	63.39	2.5	0.0004618	29.0837	Si
454 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 11	4.13	-6	-1.9065	120.18	611.24	0	120.18	2.5	0.0007697	29.1259	Si
62 Prosp.A	Orizzontale	0.237	0.836	Non necessaria	0	SLV 11	3.45	-28.11	-3.4739	102.76	510.41	0	102.76	2.5	0.0006158	29.7479	Si
398 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 11	4	-5.86	-3.8824	120.16	611.23	0	120.16	2.5	0.0007697	30.0441	Si
304 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 11	4.03	-14.8	-3.5148	121.23	612.33	0	121.23	2.5	0.0007697	30.1009	Si
402 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 3	4.05	-11.69	4.301	125.4	647.79	0	125.4	2.5	0.0005169	30.9991	Si
62 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLU 7	-1.92	-2.91	-0.4811	62.33	323.51	0	62.33	2.5	0.0003848	32.5146	Si
420 Prosp.A	Orizzontale	0.238	0.642	Non necessaria	0	SLV 11	2.46	-4.22	-1.1699	80.3	390.74	0	80.3	2.5	0.0006158	32.6849	Si
303 Prosp.A	Orizzontale	0.237	0.65	Non necessaria	0	SLV 11	2.46	-7.78	-1.7887	80.7	395.17	0	80.7	2.5	0.000602	32.8225	Si
453 Prosp.A	Orizzontale	0.238	1	Non necessaria	0	SLV 7	3.69	-5.24	0.5868	122.68	608.48	0	122.68	2.5	0.0009084	33.2707	Si
93 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 11	3.7	-34.78	-2.1012	123.62	614.8	0	123.62	2.5	0.0007697	33.402	Si
132 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 9	3.56	-18.87	1.3684	121.71	612.83	0	121.71	2.5	0.0007697	34.2	Si
353 Prosp.A	Verticale	0.253	0.849	Non necessaria	0	SLV 5	3.08	-3.53	1.256	105.67	549.2	0	105.67	2.5	0.0006158	34.2808	Si
361 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 9	3.55	-11.45	2.4715	125.37	647.76	0	125.37	2.5	0.0007697	35.3289	Si
93 Prosp.A	Verticale	0.253	0.998	Non necessaria	0	SLV 7	3.52	-13.42	-1.8378	125.35	646.62	0	125.35	2.5	0.0007697	35.5712	Si
63 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 11	3.45	-29.02	-3.8791	122.93	614.09	0	122.93	2.5	0.0007697	35.6052	Si
456 Prosp.A	Orizzontale	0.238	0.763	Non necessaria	0	SLV 9	2.54	-0.77	1.4943	90.9	463.35	0	90.9	2.5	0.0006158	35.8404	Si
527 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 7	1.7	0.22	1.0668	63	323.13	0	63	2.5	0.0004618	37.1649	Si
413 Prosp.A	Orizzontale	0.238	0.681	Non necessaria	0	SLV 5	-2.18	-2.17	1.5664	81.26	413.41	0	81.26	2.5	0.000544	37.2097	Si
528 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLV 7	1.68	0.05	1.7824	63	323.13	0	63	2.5	0.0004618	37.412	Si
461 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 7	3.31	-4.93	4.9545	124.54	646.91	0	124.54	2.5	0.0007697	37.6066	Si
412 Prosp.A	Orizzontale	0.237	1	Non necessaria	0	SLV 9	3.12	-1.44	0.416	118.87	604.62	0	118.87	2.5	0.0006158	38.0886	Si
422 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 11	3.08	-6.06	-1.8836	120.18	611.25	0	120.18	2.5	0.0007697	39.0028	Si
337 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 9	-3	-11.71	2.1783	120.86	611.95	0	120.86	2.5	0.0007697	40.3342	Si
410 Prosp.A	Orizzontale	0.238	1	Non necessaria	0	SLV 11	2.97	-6.64	-2.4808	119.94	608.9	0	119.94	2.5	0.0007697	40.3875	Si
407 Prosp.A	Orizzontale	0.237	1	Non necessaria	0	SLV 9	2.99	-1.46	0.0403	124.36	606.79	0	124.36	2.5	0.0009593	41.5407	Si
400 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 9	-2.98	-2.55	1.7024	124.24	646.6	0	124.24	2.5	0.0007355	41.7039	Si
453 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 7	2.95	-0.6	-0.6991	124	646.34	0	124	2.5	0.0007697	41.9804	Si
459 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 11	2.85	-4.45	-1.9768	119.99	611.05	0	119.99	2.5	0.0007697	42.0652	Si
413 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLV 5	-2.91	-5.18	0.0531	124.58	646.94	0	124.58	2.5	0.0004618	42.8064	Si
467 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLV 11	2.8	-4.45	-2.0167	119.99	611.05	0	119.99	2.5	0.0007697	42.849	Si

Verifiche a taglio SLD Resistenza D.M. 17-01-18 §4.1.2.3.5

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
471 Prosp.A	Verticale	0.253	0.425	Non necessaria	0	SLD 9	6.91	-3.95	0.2953	53.17	275.18	0	53.17	2.5	0.0003079	7.6935	Si
514 Prosp.A	Verticale	0.253	0.454	Non necessaria	0	SLD 9	5.92	-5.57	0.6453	56.96	294.13	0	56.96	2.5	0.0003079	9.6269	Si
336 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 9	-12.16	-28.83	0.9967	127.57	650.03	0	127.57	2.5	0.0007697	10.4873	Si
317 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 9	-5.52	-13.47	2.0968	63.67	324.89	0	63.67	2.5	0.0003079	11.5295	Si
130 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 9	-10.08	-23.32	1.0664	126.87	649.31	0	126.87	2.5	0.0007697	12.5873	Si
116 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 7	9.53	-14.52	4.1652	125.76	648.16	0	125.76	2.5	0.0005169	13.1907	Si
114 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 7	9.48	-15.28	0.8311	125.85	648.26	0	125.85	2.5	0.0007541	13.2813	Si
391 Prosp.A	Orizzontale	0.238	1	Non necessaria	0	SLD 9	-8.14	-34.82	1.0313	126.2	612.12	0	126.2	2.5	0.0009084	15.5044	Si
361 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 9	-7.87	-25.1	1.2404	122.46	613.6	0	122.46	2.5	0.0007697	15.5692	Si
97 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 7	8.07	-14.28	2.9056	125.73	648.13	0	125.73	2.5	0.0005169	15.5762	Si
95 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 7	8.03	-12.85	-0.2046	125.55	647.94	0	125.55	2.5	0.0007697	15.6388	Si
111 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 9	-7.18	-9.78	0.3453	125.16	647.54	0	125.16	2.5	0.0007697	17.4351	Si
473 Prosp.A	Orizzontale	0.238	1	Non necessaria	0	SLD 5	6.58	-0.97	-0.3227	119.19	607.59	0	119.19	2.5	0.0006158	18.1257	Si
135 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 3	6.77	-12.51	3.8338	125.5	647.9	0	125.5	2.5	0.0005169	18.5504	Si
133 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 3	6.73	-13.33	1.4411	125.61	648.01	0	125.61	2.5	0.0007697	18.6682	Si
471 Prosp.A	Orizzontale	0.237	1	Non necessaria	0	SLD 9	6.02	-0.22	-0.3463	118.72	604.47	0	118.72	2.5	0.0006158	19.7054	Si
308 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 9	-6.02	-7.39	3.9707	120.34	611.41	0	120.34	2.5	0.0007697	19.998	Si
307 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 9	-5.99	-7.32	3.7337	120.33	611.41	0	120.33	2.5	0.0007697	20.0975	Si
309 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 5	-5.82	-7.67	4.164	120.38	611.45	0	120.38	2.5	0.0007697	20.6873	Si
395 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 9	-6	-8.24	0.5521	124.96	647.34	0	124.96	2.5	0.0007697	20.8368	Si
310 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 5	-5.67	-7.86	4.3432	120.4	611.47	0	120.4	2.5	0.0007697	21.2413	Si
311 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 5	-5.61	-7.92	4.441	120.4	611.48	0	120.4	2.5	0.0007697	21.4435	Si
312 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 5	-5.6	-7.15	4.4416	120.31	611.38	0	120.31	2.5	0.0007697	21.4905	Si
392 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 5	-5.54	-6.67	1.463	120.26	611.33	0	120.26	2.5	0.0007697	21.7062	Si
313 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 5	-5.43	-5.9	4.3433	120.16	611.23	0	120.16	2.5	0.0007697	22.1179	Si
362 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 9	-5.42	-8.74	1.5487	120.5	611.58	0	120.5	2.5	0.0007697	22.2168	Si
315 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 9	-5.4	-7	4.4319	120.3	611.37	0	120.3	2.5	0.0007697	22.2631	Si
391 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 9	-5.5	-8.54	2.5499	125	647.38	0	125	2.5	0.0007697	22.7204	Si
363 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 5	-5.27	-5.17	1.421	120.08	611.14	0	120.08	2.5	0.0007697	22.8037	Si
306 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 5	-5.37	-8.14	3.4118	123.94	611.51	0	123.94	2.5	0.0009236	23.0783	Si
314 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 5	-5.17	-4.51	4.1839	120	611.06	0	120	2.5	0.0007697	23.2124	Si
91 Prosp.A	Verticale	0.253	0.993	Non necessaria	0	SLD 11	-5.13	-6.85	-1.2183	123.9	642.53	0	123.9	2.5	0.0007697	24.1702	Si
474 Prosp.A	Orizzontale	0.237	1	Non necessaria	0	SLD 9	4.92	-0.58	-0.8691	118.96	606.03	0	118.96	2.5	0.000821	24.1971	Si
64 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 7	2.51	-3.91	-0.3027	62.46	323.64	0	62.46	2.5	0.0003848	24.8642	Si
336 Prosp.A	Orizzontale	0.238	1	Non necessaria	0	SLD 9	-4.92	-27.31	2.5312	122.31	610.72	0	122.31	2.5	0.0007697	24.8805	Si
132 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 9	-5.07	-21.35	-1.134	126.62	649.06	0	126.62	2.5	0.0007697	24.9881	Si
65 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 7	2.49	-5.49	0.8925	62.66	323.85	0	62.66	2.5	0.0002585	25.1525	Si
337 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 9	-5.01	-20.26	-1.2102	126.48	648.91	0	126.48	2.5	0.0007203	25.2381	Si
512 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 9	-2.37	-3.27	2.043	62.37	323.56	0	62.37	2.5	0.0003102	26.3582	Si
342 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 3	4.74	-10.35	3.2627	125.23	647.62	0	125.23	2.5	0.0005169	26.4067	Si
338 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 3	4.73	-12.03	1.6804	125.44	647.84	0	125.44	2.5	0.0007697	26.516	Si
97 Prosp.A	Orizzontale	0.237	0.65	Non necessaria	0	SLD 7	3.01	-22.25	-0.4826	79.95	396.69	0	79.95	2.5	0.0005483	26.5877	Si
349 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 5	-5	-8.88	1.7858	138.17	610.38	0	138.17	2.5	0.0012839	27.6184	Si
65 Prosp.A	Orizzontale	0.237	0.65	Non necessaria	0	SLD 7	2.86	-17.7	-1.7633	79.41	396.13	0	79.41	2.5	0.0005483	27.7947	Si
113 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 7	4.5	-15.43	-1.1609	125.87	648.28	0	125.87	2.5	0.0007314	27.9807	Si
513 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 9	-2.2	-3.22	1.2563	63.41	323.55	0	63.41	2.5	0.0004618	28.8044	Si
358 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 9	-4.13	-6.64	1.8259	120.25	611.32	0	120.25	2.5	0.0007307	29.1152	Si
394 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 9	-4.01	-6.28	1.7013	120.21	611.28	0	120.21	2.5	0.0007697	29.9539	Si
396 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 5	-3.87	-6.67	1.5748	120.26	611.33	0	120.26	2.5	0.0007697	31.0495	Si
393 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 5	-3.82	-6.2	1.526	120.2	611.27	0	120.2	2.5	0.0007697	31.4299	Si

Descrizione	Dir.	d	bw	Armatura a taglio	Asw/s	Comb.	VEd	NEd	MEd	Vrd,c	Vrcd	Vrsd	VRd	cotg(θ)	Asl	c.s.	Verifica
350 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 5	-3.74	-7.42	1.8605	120.35	611.42	0	120.35	2.5	0.0007047	32.1356	Si
305 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 5	-3.93	-7.53	2.7245	127.96	611.43	0	127.96	2.5	0.001019	32.5288	Si
397 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 7	3.84	-11.44	1.5931	125.37	647.76	0	125.37	2.5	0.0007697	32.6433	Si
452 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 9	-3.8	-5.54	3.3647	124.62	646.99	0	124.62	2.5	0.0005169	32.8154	Si
95 Prosp.A	Orizzontale	0.238	0.987	Non necessaria	0	SLD 7	3.47	-28.92	-1.1955	121.01	603.32	0	121.01	2.5	0.0007697	34.9182	Si
399 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 7	3.28	-8.52	2.6688	125	647.38	0	125	2.5	0.0007697	38.0926	Si
62 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 7	-1.58	-2.52	-0.5101	62.28	323.46	0	62.28	2.5	0.0003848	39.324	Si
93 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 11	3.1	-29.62	-1.5887	123	614.16	0	123	2.5	0.0007697	39.7013	Si
390 Prosp.A	Orizzontale	0.237	0.65	Non necessaria	0	SLD 7	2.03	-9.44	0.1275	80.9	395.37	0	80.9	2.5	0.000602	39.8526	Si
64 Prosp.A	Orizzontale	0.238	0.987	Non necessaria	0	SLD 7	3.02	-24.39	-2.5554	120.48	602.77	0	120.48	2.5	0.0007697	39.9357	Si
130 Prosp.A	Orizzontale	0.237	0.836	Non necessaria	0	SLD 5	2.43	-25.28	0.8632	102.43	510.06	0	102.43	2.5	0.0006158	42.2206	Si
402 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 3	2.91	-7.64	2.607	124.89	647.26	0	124.89	2.5	0.0005169	42.8908	Si
93 Prosp.A	Verticale	0.253	0.998	Non necessaria	0	SLD 7	2.85	-11.84	-1.3482	125.15	646.41	0	125.15	2.5	0.0007697	43.9374	Si
418 Prosp.A	Orizzontale	0.237	0.5	Non necessaria	0	SLD 9	1.4	-2.03	0.1482	61.55	303.48	0	61.55	2.5	0.0004618	44.1025	Si
62 Prosp.A	Orizzontale	0.237	0.836	Non necessaria	0	SLD 11	2.3	-23.84	-2.4854	102.26	509.88	0	102.26	2.5	0.0006158	44.3662	Si
474 Prosp.A	Verticale	0.253	0.474	Non necessaria	0	SLD 5	1.3	-3.07	-0.5496	59.18	307.01	0	59.18	2.5	0.0003079	45.3897	Si
469 Prosp.A	Verticale	0.253	0.476	Non necessaria	0	SLD 5	1.3	-3.09	-0.5473	59.41	308.19	0	59.41	2.5	0.0003079	45.8114	Si
303 Prosp.A	Orizzontale	0.237	0.65	Non necessaria	0	SLD 11	1.69	-6.6	-1.0649	80.56	395.02	0	80.56	2.5	0.000602	47.7426	Si
458 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 7	2.49	0.48	0.5912	123.92	646.26	0	123.92	2.5	0.0007697	49.7364	Si
460 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 7	2.49	0.19	1.8366	123.92	646.26	0	123.92	2.5	0.0007697	49.7685	Si
424 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 7	2.4	-6.83	-0.3786	120.27	611.35	0	120.27	2.5	0.0007697	50.1068	Si
415 Prosp.A	Orizzontale	0.237	0.5	Non necessaria	0	SLD 5	-1.2	-2.67	0.7969	61.62	303.56	0	61.62	2.5	0.0004618	51.1906	Si
412 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 5	1.24	-2.49	-0.0206	63.32	323.46	0	63.32	2.5	0.0004618	51.2577	Si
423 Prosp.A	Orizzontale	0.238	1	Non necessaria	0	SLD 7	2.3	-8.55	0.018	123.76	608.93	0	123.76	2.5	0.0009236	53.9006	Si
419 Prosp.A	Orizzontale	0.237	0.5	Non necessaria	0	SLD 11	1.14	-2.9	-0.552	61.65	303.59	0	61.65	2.5	0.0004618	54.0778	Si
304 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 11	2.23	-12.37	-1.8563	120.94	612.03	0	120.94	2.5	0.0007697	54.1883	Si
425 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 7	2.19	-5.74	-0.846	120.14	611.21	0	120.14	2.5	0.0007697	54.9157	Si
454 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 11	2.18	-5.5	-1.0968	120.12	611.18	0	120.12	2.5	0.0007697	55.0106	Si
398 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 7	2.12	-5.74	-2.108	120.14	611.21	0	120.14	2.5	0.0007697	56.6657	Si
63 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 11	2.11	-23.93	-2.7076	122.32	613.46	0	122.32	2.5	0.0007697	58.1043	Si
132 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 9	1.97	-18.44	0.8192	121.66	612.78	0	121.66	2.5	0.0007697	61.6199	Si
353 Prosp.A	Verticale	0.253	0.849	Non necessaria	0	SLD 5	1.7	-3.32	0.2009	105.64	549.17	0	105.64	2.5	0.0006158	62.0994	Si
420 Prosp.A	Orizzontale	0.238	0.642	Non necessaria	0	SLD 11	1.29	-3.71	-0.7137	80.24	390.68	0	80.24	2.5	0.0006158	62.2121	Si
111 Prosp.A	Orizzontale	0.237	0.836	Non necessaria	0	SLD 9	1.64	-23.35	-0.2066	102.2	509.82	0	102.2	2.5	0.0006158	62.2354	Si
461 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 7	1.96	-0.9	2.6571	124.04	646.38	0	124.04	2.5	0.0007697	63.4269	Si
453 Prosp.A	Orizzontale	0.238	1	Non necessaria	0	SLD 7	1.9	-9.3	0.3549	123.16	608.98	0	123.16	2.5	0.0009084	64.8199	Si
456 Prosp.A	Orizzontale	0.238	0.763	Non necessaria	0	SLD 9	1.4	-1.53	0.7677	90.99	463.44	0	90.99	2.5	0.0006158	64.9584	Si
412 Prosp.A	Orizzontale	0.237	1	Non necessaria	0	SLD 5	1.82	-3.1	0.1039	119.06	604.82	0	119.06	2.5	0.0006158	65.3345	Si
527 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 7	0.95	3.8	0.5393	63	323.13	0	63	2.5	0.0004618	66.522	Si
528 Prosp.A	Verticale	0.253	0.5	Non necessaria	0	SLD 7	0.94	3.51	0.9361	63	323.13	0	63	2.5	0.0004618	66.9527	Si
113 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 5	1.82	-20.5	-0.0768	121.91	613.04	0	121.91	2.5	0.0007697	66.9851	Si
91 Prosp.A	Orizzontale	0.237	0.836	Non necessaria	0	SLD 11	1.49	-23.72	-1.1329	102.24	509.87	0	102.24	2.5	0.0006158	68.4703	Si
361 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 9	1.8	-12.2	1.2248	125.46	647.86	0	125.46	2.5	0.0007697	69.6861	Si
413 Prosp.A	Orizzontale	0.238	0.681	Non necessaria	0	SLD 5	-1.15	-2.64	0.812	81.32	413.47	0	81.32	2.5	0.000544	70.8163	Si
456 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 9	-1.75	-5.66	1.4646	124.64	647	0	124.64	2.5	0.0007281	71.2398	Si
390 Prosp.A	Verticale	0.253	1	Non necessaria	0	SLD 9	-1.73	-3.8	1.7335	124.4	646.76	0	124.4	2.5	0.0005169	71.7962	Si
407 Prosp.A	Orizzontale	0.237	1	Non necessaria	0	SLD 9	1.73	-2.3	-0.0735	124.46	606.9	0	124.46	2.5	0.0009593	71.958	Si
337 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 9	-1.67	-12.12	1.306	120.91	612	0	120.91	2.5	0.0007697	72.2047	Si
422 Prosp.A	Orizzontale	0.239	1	Non necessaria	0	SLD 11	1.66	-5.77	-1.1565	120.15	611.21	0	120.15	2.5	0.0007697	72.242	Si
414 Prosp.A	Orizzontale	0.237	0.5	Non necessaria	0	SLD 9	0.83	-1.75	-0.1841	61.52	303.45	0	61.52	2.5	0.0004618	74.4026	Si

Verifiche SLE tensione calcestruzzo D.M. 17-01-18 §4.1.2.2.5.1

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	oc	oc limite	Es/Ec	c.s.	Verifica
116 Prosp.A	Verticale	SLE QP 4	3.0695	-13.42	No	-233	13073	15	56.0547	Si
116 Prosp.A	Verticale	SLE RA 7	3.3856	-14.68	No	-257	17430	15	67.8554	Si
97 Prosp.A	Verticale	SLE QP 4	2.3636	-13.96	No	-191	13073	15	68.4156	Si
62 Prosp.A	Orizzontale	SLE QP 2	-1.5855	-19.67	No	-191	13073	15	68.5513	Si
135 Prosp.A	Verticale	SLE QP 3	2.5399	-10.16	No	-190	13073	15	68.8107	Si
65 Prosp.A	Orizzontale	SLE QP 4	-1.087	-13.69	No	-167	13073	15	78.0835	Si
135 Prosp.A	Verticale	SLE RA 10	2.8901	-11.58	No	-216	17430	15	80.6015	Si
63 Prosp.A	Orizzontale	SLE QP 2	-1.6213	-18.99	No	-159	13073	15	82.3581	Si
64 Prosp.A	Orizzontale	SLE QP 2	-1.5291	-19.22	No	-156	13073	15	83.9282	Si
97 Prosp.A	Verticale	SLE RA 7	2.5726	-14.84	No	-207	17430	15	84.2575	Si
62 Prosp.A	Orizzontale	SLE RA 3	-1.645	-20.2	No	-197	17430	15	88.4399	Si
93 Prosp.A	Orizzontale	SLE QP 4	-1.0845	-24.34	No	-142	13073	15	91.9246	Si
342 Prosp.A	Verticale	SLE QP 4	1.8487	-7.24	No	-138	13073	15	94.8609	Si
91 Prosp.A	Orizzontale	SLE QP 4	-0.8005	-19.85	No	-133	13073	15	98.194	Si
65 Prosp.A	Verticale	SLE QP 4	0.7616	-5.88	No	-132	13073	15	99.0936	Si
65 Prosp.A	Orizzontale	SLE RA 7	-1.12	-14.11	No	-173	17430	15	101.0253	Si
336 Prosp.A	Orizzontale	SLE QP 4	0.6674	-27.29	No	-126	13073	15	103.994	Si
95 Prosp.A	Orizzontale	SLE QP 4	-0.857	-22.94	No	-125	13073	15	104.2586	Si
63 Prosp.A	Orizzontale	SLE RA 3	-1.6796	-19.51	No	-164	17430	15	106.3281	Si
342 Prosp.A	Verticale	SLE RA 7	2.1912	-8.45	No	-163	17430	15	107.0018	Si
64 Prosp.A	Orizzontale	SLE RA 3	-1.5788	-19.75	No	-161	17430	15	108.5822	Si
97 Prosp.A	Orizzontale	SLE QP 4	-0.3796	-16.65	No	-115	13073	15	114.063	Si
130 Prosp.A	Orizzontale	SLE QP 4	0.2683	-24.38	No	-110	13073	15	118.3416	Si
93 Prosp.A	Orizzontale	SLE RA 7	-1.1346	-24.98	No	-147	17430	15	118.3449	Si
65 Prosp.A	Verticale	SLE RA 7	0.8245	-6.16	No	-142	17430	15	123.1735	Si
91 Prosp.A	Orizzontale	SLE RA 7	-0.8403	-20.47	No	-138	17430	15	125.9525	Si
336 Prosp.A	Orizzontale	SLE RA 7	0.82	-28.18	No	-138	17430	15	126.3997	Si
95 Prosp.A	Orizzontale	SLE RA 7	-0.8957	-23.63	No	-130	17430	15	134.1063	Si
113 Prosp.A	Verticale	SLE QP 4	-0.7747	-14.97	No	-93	13073	15	140.0946	Si
402 Prosp.A	Verticale	SLE QP 4	1.3025	-3.65	No	-92	13073	15	141.3354	Si
111 Prosp.A	Orizzontale	SLE QP 3	-0.1873	-20.73	No	-91	13073	15	143.838	Si
317 Prosp.A	Verticale	SLE QP 3	0.0975	-12.44	No	-90	13073	15	145.0913	Si
97 Prosp.A	Orizzontale	SLE RA 7	-0.396	-17.2	No	-119	17430	15	146.7617	Si
132 Prosp.A	Orizzontale	SLE QP 4	0.3962	-20.31	No	-87	13073	15	149.7842	Si
391 Prosp.A	Orizzontale	SLE QP 2	0.2057	-24.18	No	-86	13073	15	151.2471	Si
402 Prosp.A	Verticale	SLE RA 7	1.6002	-4.44	No	-113	17430	15	153.5932	Si
130 Prosp.A	Orizzontale	SLE RA 7	0.295	-24.49	No	-113	17430	15	154.4513	Si
316 Prosp.A	Verticale	SLE QP 4	0.2723	-8.08	No	-84	13073	15	155.3178	Si
93 Prosp.A	Verticale	SLE QP 4	-0.8643	-10.25	No	-84	13073	15	155.9287	Si
361 Prosp.A	Orizzontale	SLE QP 4	-0.3473	-19.85	No	-83	13073	15	157.8027	Si
315 Prosp.A	Orizzontale	SLE QP 3	0.9372	-8.04	No	-83	13073	15	158.1359	Si
132 Prosp.A	Verticale	SLE QP 3	-0.4057	-18.2	No	-81	13073	15	161.9142	Si
133 Prosp.A	Verticale	SLE QP 3	0.6065	-14	No	-80	13073	15	163.8291	Si
113 Prosp.A	Verticale	SLE RA 7	-0.8514	-16.06	No	-101	17430	15	172.0196	Si
338 Prosp.A	Verticale	SLE QP 3	0.6076	-12.41	No	-75	13073	15	174.4552	Si
317 Prosp.A	Verticale	SLE RA 10	0.115	-13.38	No	-98	17430	15	177.6601	Si
336 Prosp.A	Verticale	SLE QP 1	0.2993	-17.6	No	-72	13073	15	180.4128	Si
361 Prosp.A	Orizzontale	SLE RA 7	-0.4885	-20.99	No	-95	17430	15	183.3261	Si
361 Prosp.A	Orizzontale	SLE QP 2	0.2355	-18.15	No	-71	13073	15	184.9381	Si
315 Prosp.A	Orizzontale	SLE RA 10	1.1116	-8.24	No	-94	17430	15	185.3399	Si
111 Prosp.A	Orizzontale	SLE RA 9	-0.1946	-21.16	No	-93	17430	15	187.3257	Si
316 Prosp.A	Verticale	SLE RA 11	0.294	-8.91	No	-92	17430	15	189.4673	Si
132 Prosp.A	Orizzontale	SLE RA 7	0.4324	-20.85	No	-91	17430	15	191.1082	Si
391 Prosp.A	Orizzontale	SLE RA 3	0.2476	-24.84	No	-91	17430	15	191.5394	Si
132 Prosp.A	Verticale	SLE RA 10	-0.4881	-19.81	No	-91	17430	15	192.2601	Si
303 Prosp.A	Orizzontale	SLE QP 4	-0.4516	-5.38	No	-68	13073	15	193.4689	Si
337 Prosp.A	Orizzontale	SLE QP 4	0.3653	-14.52	No	-67	13073	15	193.7596	Si
93 Prosp.A	Verticale	SLE RA 7	-0.9267	-10.92	No	-90	17430	15	194.3027	Si
306 Prosp.A	Orizzontale	SLE QP 3	0.5932	-10.16	No	-67	13073	15	194.9932	Si
391 Prosp.A	Orizzontale	SLE QP 4	-0.1835	-17.8	No	-66	13073	15	199.3652	Si
133 Prosp.A	Verticale	SLE RA 10	0.6502	-15.51	No	-87	17430	15	200.1445	Si
63 Prosp.A	Verticale	SLE QP 4	-0.3943	-2.63	No	-64	13073	15	205.2409	Si
338 Prosp.A	Verticale	SLE RA 7	0.6953	-13.5	No	-84	17430	15	208.5372	Si
349 Prosp.A	Orizzontale	SLE QP 4	-0.5329	-10.6	No	-63	13073	15	208.696	Si
91 Prosp.A	Verticale	SLE QP 4	-0.7154	-5.87	No	-62	13073	15	212.3033	Si
130 Prosp.A	Verticale	SLE RA 10	-0.2751	-21.13	No	-82	17430	15	212.7426	Si
314 Prosp.A	Orizzontale	SLE QP 3	0.684	-6.1	No	-61	13073	15	214.146	Si
350 Prosp.A	Orizzontale	SLE QP 4	-0.5333	-8.81	No	-61	13073	15	216.0519	Si
113 Prosp.A	Orizzontale	SLE QP 3	-0.1492	-16.46	No	-60	13073	15	217.3375	Si
313 Prosp.A	Orizzontale	SLE QP 4	0.6007	-7.28	No	-60	13073	15	219.4062	Si
312 Prosp.A	Orizzontale	SLE QP 4	0.5682	-7.93	No	-60	13073	15	219.4309	Si
361 Prosp.A	Verticale	SLE QP 4	0.3135	-12.95	No	-59	13073	15	221.8468	Si
395 Prosp.A	Orizzontale	SLE QP 2	0.184	-15.3	No	-59	13073	15	222.6465	Si
303 Prosp.A	Orizzontale	SLE RA 7	-0.5367	-5.9	No	-78	17430	15	223.4563	Si
353 Prosp.A	Orizzontale	SLE QP 4	-0.5586	-8.13	No	-58	13073	15	223.8229	Si
116 Prosp.A	Orizzontale	SLE QP 4	0.2071	-8.18	No	-58	13073	15	224.38	Si
317 Prosp.A	Verticale	SLE QP 3	-0.0504	-8.29	No	-58	13073	15	224.4588	Si
311 Prosp.A	Orizzontale	SLE QP 3	0.5366	-7.8	No	-57	13073	15	228.4797	Si
349 Prosp.A	Orizzontale	SLE RA 7	-0.7399	-11.01	No	-76	17430	15	229.2989	Si
307 Prosp.A	Orizzontale	SLE QP 3	0.4677	-8.97	No	-57	13073	15	231.015	Si
133 Prosp.A	Orizzontale	SLE QP 4	0.3371	-11.33	No	-57	13073	15	231.1796	Si
391 Prosp.A	Orizzontale	SLE RA 7	-0.2719	-19.23	No	-75	17430	15	231.3886	Si
399 Prosp.A	Verticale	SLE QP 4	0.62	-6.21	No	-56	13073	15	231.4073	Si
361 Prosp.A	Orizzontale	SLE RA 3	0.2671	-18.86	No	-75	17430	15	232.8715	Si
306 Prosp.A	Orizzontale	SLE RA 10	0.7195	-10.09	No	-74	17430	15	233.9604	Si
337 Prosp.A	Orizzontale	SLE RA 7	0.4527	-14.96	No	-74	17430	15	234.8446	Si
350 Prosp.A	Orizzontale	SLE RA 7	-0.7361	-9.15	No	-74	17430	15	234.9612	Si
358 Prosp.A	Orizzontale	SLE QP 4	-0.5027	-7.87	No	-56	13073	15	235.3066	Si
114 Prosp.A	Verticale	SLE QP 3	0.3472	-11.17	No	-56	13073	15	235.3413	Si
62 Prosp.A	Verticale	SLE QP 4	-0.3579	-1.87	No	-55	13073	15	239.341	Si
336 Prosp.A	Verticale	SLE RA 1	0.2993	-17.6	No	-72	17430	15	240.5503	Si
336 Prosp.A	Verticale	SLE RA 10	-0.0567	-22.2	No	-72	17430	15	241.6699	Si
353 Prosp.A	Orizzontale	SLE RA 7	-0.7576	-8.52	No	-72	17430	15	243.3342	Si
314 Prosp.A	Orizzontale	SLE RA 10	0.8495	-6.14	No	-71	17430	15	244.1407	Si
362 Prosp.A	Orizzontale	SLE QP 4	-0.3911	-9.5	No	-54	13073	15	244.2091	Si
310 Prosp.A	Orizzontale	SLE QP 3	0.4673	-7.83	No	-53	13073	15	246.3573	Si
312 Prosp.A	Orizzontale	SLE RA 7	0.7016	-8.67	No	-70	17430	15	248.6562	Si

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	oc	oc limite	Es/Ec	c.s.	Verifica
313 Prosp.A	Orizzontale	SLE RA 7	0.7358	-7.98	No	-70	17430	15	248.8185	Si
304 Prosp.A	Orizzontale	SLE QP 2	-0.4456	-8.09	No	-53	13073	15	248.9187	Si
111 Prosp.A	Verticale	SLE QP 4	-0.502	-7.21	No	-52	13073	15	249.0929	Si

Verifiche SLE tensione acciaio D.M. 17-01-18 §4.1.2.2.5.2

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	of	of limite	Es/Ec	c.s.	Verifica
116 Prosp.A	Verticale	SLE RA 10	3.3868	-14.62	No	1472	360000	15	244.5275	Si
135 Prosp.A	Verticale	SLE RA 7	2.8878	-11.48	No	1302	360000	15	276.5108	Si
130 Prosp.A	Orizzontale	SLE RA 1	0.2062	-22.86	No	-1138	360000	15	316.3775	Si
526 Prosp.A	Verticale	SLE RA 10	0.1563	10.06	No	1111	360000	15	324.1428	Si
527 Prosp.A	Verticale	SLE RA 10	0.1952	9.53	No	1110	360000	15	324.337	Si
525 Prosp.A	Verticale	SLE RA 10	0.1362	9.81	No	1063	360000	15	338.6314	Si
342 Prosp.A	Verticale	SLE RA 7	2.1912	-8.45	No	1001	360000	15	359.7876	Si
528 Prosp.A	Verticale	SLE RA 10	0.2476	7.63	No	999	360000	15	360.1942	Si
97 Prosp.A	Verticale	SLE RA 10	2.5628	-14.59	No	946	360000	15	380.4164	Si
524 Prosp.A	Verticale	SLE RA 10	-0.1308	7.99	No	890	360000	15	404.2833	Si
336 Prosp.A	Orizzontale	SLE RA 7	0.82	-28.18	No	-858	360000	15	419.7533	Si
529 Prosp.A	Verticale	SLE RA 7	0.3758	4.02	No	824	360000	15	436.8109	Si
402 Prosp.A	Verticale	SLE RA 7	1.6002	-4.44	No	813	360000	15	442.8642	Si
464 Prosp.A	Verticale	SLE RA 7	1.0664	0.27	No	695	360000	15	517.7014	Si
132 Prosp.A	Orizzontale	SLE RA 10	0.4072	-19.78	No	-695	360000	15	518.2145	Si
453 Prosp.A	Verticale	SLE RA 10	0.346	10.16	No	686	360000	15	524.6812	Si
458 Prosp.A	Verticale	SLE RA 10	0.3658	9.74	No	679	360000	15	530.4825	Si
336 Prosp.A	Verticale	SLE RA 7	-0.0728	-15.47	No	-673	360000	15	534.6912	Si
530 Prosp.A	Verticale	SLE RA 7	0.4163	1.57	No	673	360000	15	534.96	Si
113 Prosp.A	Orizzontale	SLE RA 1	-0.087	-15.46	No	-670	360000	15	537.1996	Si
523 Prosp.A	Verticale	SLE RA 10	-0.1707	4.78	No	645	360000	15	558.5019	Si
461 Prosp.A	Verticale	SLE RA 7	0.7587	2.73	No	596	360000	15	603.521	Si
460 Prosp.A	Verticale	SLE RA 7	0.5373	5.38	No	583	360000	15	617.8117	Si
423 Prosp.A	Verticale	SLE RA 10	0.2475	8.87	No	565	360000	15	637.2109	Si
512 Prosp.A	Verticale	SLE RA 7	0.4509	-0.05	No	564	360000	15	638.1211	Si
111 Prosp.A	Orizzontale	SLE RA 3	-0.0442	-10.25	No	-542	360000	15	664.2481	Si
524 Prosp.A	Verticale	SLE RA 1	0.0497	5.16	No	533	360000	15	675.3549	Si
452 Prosp.A	Verticale	SLE RA 7	0.9673	-1.86	No	531	360000	15	678.5097	Si
65 Prosp.A	Verticale	SLE RA 10	0.8209	-6.01	No	479	360000	15	751.8469	Si
391 Prosp.A	Orizzontale	SLE RA 10	-0.1992	-12.78	No	-478	360000	15	753.2639	Si
337 Prosp.A	Verticale	SLE RA 7	-0.1433	-11.94	No	-468	360000	15	769.7384	Si
361 Prosp.A	Orizzontale	SLE RA 1	0.182	-11.98	No	-456	360000	15	788.8838	Si
114 Prosp.A	Orizzontale	SLE RA 10	0.144	-11.39	No	-455	360000	15	791.5761	Si
91 Prosp.A	Orizzontale	SLE RA 10	-0.8659	-18.23	No	-444	360000	15	810.7478	Si
337 Prosp.A	Orizzontale	SLE RA 10	0.368	-13.82	No	-440	360000	15	818.5104	Si
361 Prosp.A	Orizzontale	SLE RA 10	-0.35	-13.55	No	-437	360000	15	823.3565	Si
116 Prosp.A	Orizzontale	SLE RA 10	0.2158	-8	No	-386	360000	15	931.7155	Si
97 Prosp.A	Orizzontale	SLE RA 10	-0.2768	-8.71	No	-385	360000	15	934.2912	Si
93 Prosp.A	Orizzontale	SLE RA 10	-1.2045	-21.93	No	-357	360000	15	1007.2555	Si
522 Prosp.A	Verticale	SLE RA 10	-0.1768	1.54	No	356	360000	15	1012.612	Si
395 Prosp.A	Orizzontale	SLE RA 10	0.1758	-9.53	No	-346	360000	15	1040.4177	Si
424 Prosp.A	Verticale	SLE RA 10	-0.2946	3.16	No	329	360000	15	1093.1778	Si
95 Prosp.A	Orizzontale	SLE RA 10	-0.7192	-15.52	No	-329	360000	15	1094.0777	Si
113 Prosp.A	Orizzontale	SLE RA 10	0.0694	-7.9	No	-329	360000	15	1095.8559	Si
397 Prosp.A	Orizzontale	SLE RA 7	0.3147	-10.71	No	-324	360000	15	1109.9828	Si
513 Prosp.A	Verticale	SLE RA 7	0.2819	-0.32	No	313	360000	15	1149.7074	Si
133 Prosp.A	Orizzontale	SLE RA 10	0.3507	-10.77	No	-311	360000	15	1158.2138	Si
391 Prosp.A	Orizzontale	SLE RA 7	0.1126	-7.58	No	-286	360000	15	1258.1296	Si
114 Prosp.A	Orizzontale	SLE RA 10	-0.0443	-6.55	No	-283	360000	15	1271.3815	Si
62 Prosp.A	Verticale	SLE RA 7	-0.3754	-1.98	No	281	360000	15	1281.2006	Si
336 Prosp.A	Verticale	SLE RA 7	0.0717	-6.97	No	-279	360000	15	1289.6043	Si
390 Prosp.A	Verticale	SLE RA 7	0.7599	-4.56	No	269	360000	15	1336.3043	Si
130 Prosp.A	Verticale	SLE RA 7	0.0205	-6.06	No	-269	360000	15	1338.9697	Si
63 Prosp.A	Verticale	SLE RA 10	-0.4147	-2.72	No	261	360000	15	1377.1638	Si
453 Prosp.A	Orizzontale	SLE RA 7	0.216	-8.13	No	-256	360000	15	1408.1369	Si
97 Prosp.A	Orizzontale	SLE RA 1	0.0433	-3.88	No	-239	360000	15	1508.6953	Si
390 Prosp.A	Orizzontale	SLE RA 10	0.0988	-4.47	No	-232	360000	15	1549.2328	Si
315 Prosp.A	Orizzontale	SLE RA 10	1.1116	-8.24	No	227	360000	15	1583.9174	Si
395 Prosp.A	Verticale	SLE RA 10	-0.0056	-4.93	No	-225	360000	15	1597.7375	Si
395 Prosp.A	Orizzontale	SLE RA 7	-0.1056	-6.1	No	-225	360000	15	1599.5927	Si
311 Prosp.A	Orizzontale	SLE RA 3	-0.332	-8.77	No	-225	360000	15	1601.3357	Si
316 Prosp.A	Verticale	SLE RA 3	0.1817	-4.82	No	-224	360000	15	1605.2929	Si
425 Prosp.A	Verticale	SLE RA 10	-0.3447	0.08	No	217	360000	15	1656.8453	Si
110 Prosp.A	Orizzontale	SLE RA 3	-0.3428	-8.65	No	-213	360000	15	1686.5757	Si
423 Prosp.A	Verticale	SLE RA 7	-0.0837	3.4	No	210	360000	15	1715.0797	Si
399 Prosp.A	Verticale	SLE RA 7	0.757	-5.59	No	209	360000	15	1720.3465	Si
312 Prosp.A	Orizzontale	SLE RA 1	-0.2552	-7.29	No	-199	360000	15	1812.7667	Si
317 Prosp.A	Verticale	SLE RA 10	-0.0209	-2.39	No	-198	360000	15	1814.5178	Si
362 Prosp.A	Orizzontale	SLE RA 1	0.1132	-5.57	No	-196	360000	15	1833.392	Si
132 Prosp.A	Verticale	SLE RA 3	0.0782	-5.16	No	-191	360000	15	1884.0361	Si
91 Prosp.A	Verticale	SLE RA 10	-0.75	-5.92	No	191	360000	15	1887.1007	Si
314 Prosp.A	Orizzontale	SLE RA 10	0.8495	-6.14	No	181	360000	15	1989.9999	Si
316 Prosp.A	Verticale	SLE RA 6	-0.0227	-2.22	No	-180	360000	15	1998.178	Si
458 Prosp.A	Orizzontale	SLE RA 7	0.3174	-7.64	No	-180	360000	15	1999.0282	Si
309 Prosp.A	Orizzontale	SLE RA 3	-0.3961	-8.49	No	-177	360000	15	2037.5138	Si
315 Prosp.A	Verticale	SLE RA 7	0.0503	-2.49	No	-171	360000	15	2103.4458	Si
95 Prosp.A	Orizzontale	SLE RA 1	0.0437	-3.88	No	-158	360000	15	2276.6714	Si
474 Prosp.A	Verticale	SLE RA 10	-0.2176	-1.32	No	158	360000	15	2280.2552	Si
337 Prosp.A	Verticale	SLE RA 7	0.0574	-4.15	No	-158	360000	15	2283.4993	Si
469 Prosp.A	Verticale	SLE RA 10	-0.2179	-1.33	No	157	360000	15	2291.8352	Si
95 Prosp.A	Verticale	SLE RA 1	-0.2635	-6.87	No	-156	360000	15	2309.4546	Si
307 Prosp.A	Orizzontale	SLE RA 3	-0.5063	-9.31	No	-154	360000	15	2332.5404	Si
521 Prosp.A	Verticale	SLE RA 10	-0.1641	-0.52	No	151	360000	15	2376.9217	Si
424 Prosp.A	Verticale	SLE RA 1	0.0565	2.43	No	148	360000	15	2434.2994	Si
311 Prosp.A	Verticale	SLE RA 3	-0.0741	0.53	No	143	360000	15	2508.7863	Si
114 Prosp.A	Verticale	SLE RA 1	-0.0376	-3.58	No	-143	360000	15	2517.6251	Si
304 Prosp.A	Verticale	SLE RA 7	-0.2004	-1.2	No	140	360000	15	2577.4403	Si
312 Prosp.A	Verticale	SLE RA 3	-0.0895	0.28	No	140	360000	15	2580.6355	Si
313 Prosp.A	Orizzontale	SLE RA 3	-0.4071	-7.79	No	-138	360000	15	2601.5941	Si
113 Prosp.A	Verticale	SLE RA 10	-0.8591	-14.35	No	-134	360000	15	2689.1347	Si
310 Prosp.A	Verticale	SLE RA 3	-0.0602	0.6	No	133	360000	15	2714.8215	Si
306 Prosp.A	Orizzontale	SLE RA 1	-0.043	-3.39	No	-132	360000	15	2726.2729	Si

Descrizione	Dir.	Comb.	MEd	NEd	Sezione fessurata	of	of limite	Es/Ec	c.s.	Verifica
349 Prosp.A	Verticale	SLE RA 7	-0.394	-2.84	No	128	360000	15	2810.3503	Si
308 Prosp.A	Orizzontale	SLE RA 3	-0.4849	-8.47	No	-127	360000	15	2827.8019	Si
454 Prosp.A	Verticale	SLE RA 10	-0.3342	-1.77	No	125	360000	15	2881.2688	Si
418 Prosp.A	Orizzontale	SLE RA 9	0.0589	-2.02	No	-121	360000	15	2965.0463	Si
114 Prosp.A	Verticale	SLE RA 1	0.2469	-5.89	No	-120	360000	15	2988.3412	Si
307 Prosp.A	Verticale	SLE RA 3	-0.0868	0.1	No	120	360000	15	3011.7109	Si
313 Prosp.A	Verticale	SLE RA 3	-0.11	-0.24	No	116	360000	15	3104.2524	Si
308 Prosp.A	Verticale	SLE RA 3	-0.0579	0.44	No	114	360000	15	3146.7521	Si