COMUNE DI ANCONA
(Provincia di Ancona)

LAVORI DI RICOSTRUZIONE DEI COLOMBARI DEL CIMITERO DI CANDIA- ANCONA

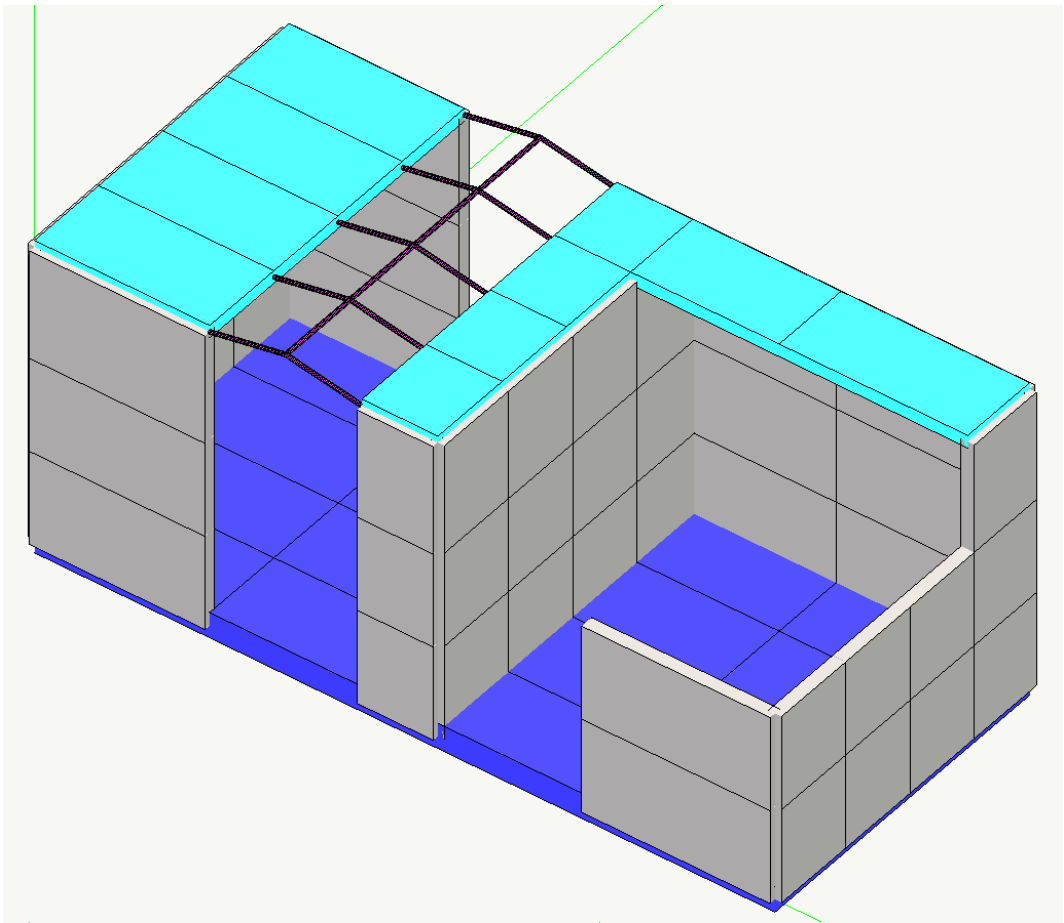
CALCOLI STRUTTURALI

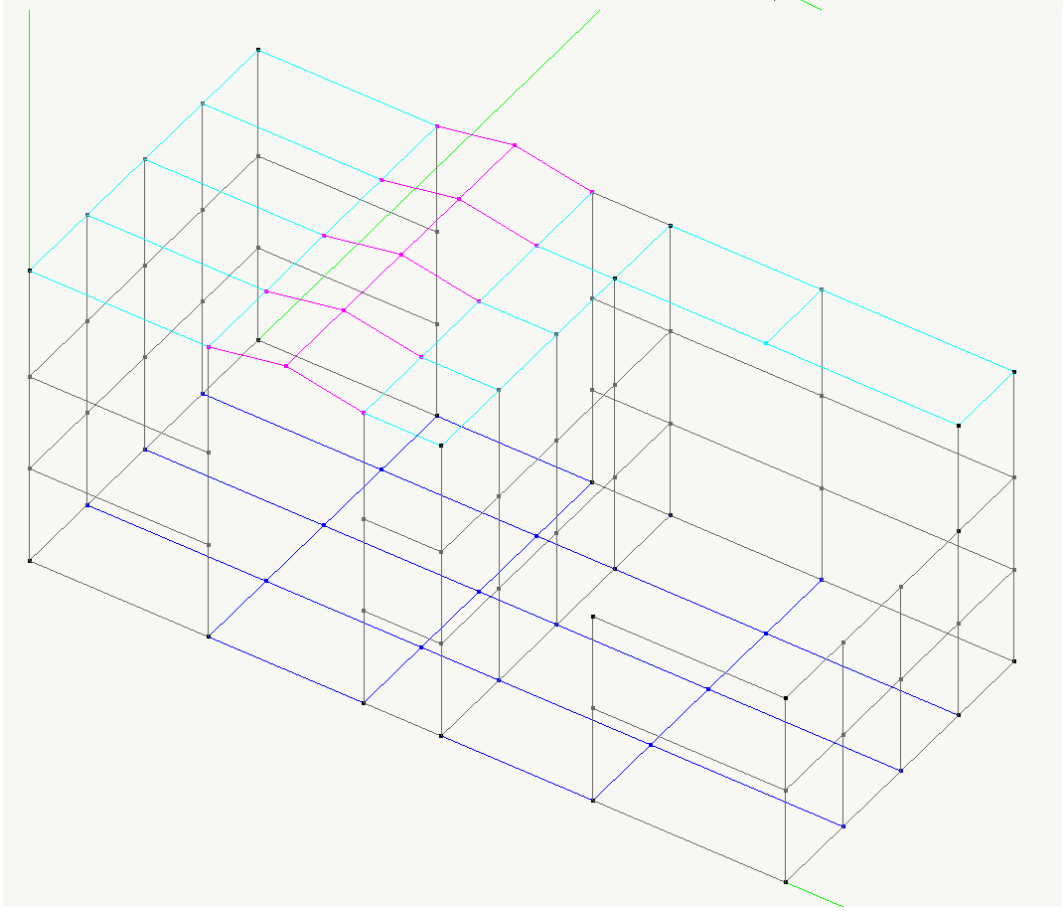
Ubicazione: Fraz. Candia – Cimitero Comunale

Committente: Comune di Ancona

Appignano (MC), Gennaio 2017

Il Tecnico progettista strutturale
Ing. Maurizio Raffaelli





Tipi di carico

Nome	Tipo	Grav.	Gamma fav	Gamma sfav.	Gamma sismico	Psi 0	Psi 1	Psi 2	Psi 2 sismico	Phi (coeff. correl.)
Combinazione	combinazione		nd	0.00	0.00	nd	nd	nd	nd	nd
Permanente	permanente	*	1.00	1.30	1.00	nd	nd	nd	nd	nd
Permanente non strutt.	permanente	*	0.00	1.50	1.00	nd	nd	nd	nd	nd
Sismico SLV	sismico		nd	1.00	0.00	nd	nd	nd	nd	nd
Sismico SLD	sismico		nd	1.00	0.00	nd	nd	nd	nd	nd
Sismico SLO	sismico		nd	1.00	0.00	nd	nd	nd	nd	nd
Sismico SLC	sismico		nd	1.00	0.00	nd	nd	nd	nd	nd
Torcente SLV	sismico correlato		nd	1.00	0.00	nd	nd	nd	nd	nd
Torcente SLD	sismico correlato		nd	1.00	0.00	nd	nd	nd	nd	nd
Torcente SLO	sismico correlato		nd	1.00	0.00	nd	nd	nd	nd	nd
Torcente SLC	sismico correlato		nd	1.00	0.00	nd	nd	nd	nd	nd
Cat. A: Residenziale	variabile	*	nd	1.50	1.00	0.70	0.50	0.30	0.30	1.00
Cat. B: Uffici	variabile	*	nd	1.50	1.00	0.70	0.50	0.30	0.30	1.00
Cat. C: Affollamento	variabile	*	nd	1.50	1.00	0.70	0.70	0.60	0.60	1.00
Cat. D: Commerciale	variabile	*	nd	1.50	1.00	0.70	0.70	0.60	0.60	1.00
Cat. E: Magazzini	variabile	*	nd	1.50	1.00	1.00	0.90	0.80	0.80	1.00
Cat. F: Rimesse (<30kN)	variabile	*	nd	1.50	1.00	0.70	0.70	0.60	0.60	1.00
Cat. G: Rimesse (>30kN)	variabile	*	nd	1.50	1.00	0.70	0.50	0.30	0.30	1.00
Cat. H: Copertura	variabile	*	nd	1.50	1.00	0.00	0.00	0.00	0.20	1.00
Neve (q<1000)	variabile	*	nd	1.50	1.00	0.50	0.20	0.00	0.00	1.00
Neve (q>1000)	variabile	*	nd	1.50	1.00	0.70	0.50	0.20	0.00	1.00
Vento	variabile non contemporaneo		nd	1.50	0.00	0.60	0.20	0.00	0.00	1.00
Temperatura	variabile non contemporaneo		nd	1.50	0.00	0.60	0.50	0.00	0.00	1.00

Combinazioni di progetto dei carichi

1	**-0.30 * (1) Dinamica SLVh Y + 0.60 * (1) Accidentale d'esercizio + 1.00 * (1) Peso proprio + -1.00 * (1) Dinamica SLVh X**
2	**-0.30 * (1) Dinamica SLVh Y + 0.60 * (1) Accidentale d'esercizio + 1.00 * (1) Peso proprio + 1.00 * (1) Dinamica SLVh X**
3	**0.30 * (1) Dinamica SLVh Y + 0.60 * (1) Accidentale d'esercizio + 1.00 * (1) Peso proprio + -1.00 * (1) Dinamica SLVh X**
4	**0.30 * (1) Dinamica SLVh Y + 0.60 * (1) Accidentale d'esercizio + 1.00 * (1) Peso proprio + 1.00 * (1) Dinamica SLVh X**
5	**-0.30 * (1) Dinamica SLVh X + 0.60 * (1) Accidentale d'esercizio + 1.00 * (1) Peso proprio + -1.00 * (1) Dinamica SLVh Y**
6	**-0.30 * (1) Dinamica SLVh X + 0.60 * (1) Accidentale d'esercizio + 1.00 * (1) Peso proprio + 1.00 * (1) Dinamica SLVh Y**
7	**0.30 * (1) Dinamica SLVh X + 0.60 * (1) Accidentale d'esercizio + 1.00 * (1) Peso proprio + -1.00 * (1) Dinamica SLVh Y**
8	**0.30 * (1) Dinamica SLVh X + 0.60 * (1) Accidentale d'esercizio + 1.00 * (1) Peso proprio + 1.00 * (1) Dinamica SLVh Y**
9	**1.50 * (1) Accidentale neve + 1.05 * (1) Accidentale d'esercizio + 1.00 * (1) Peso proprio**
10	**0.75 * (1) Accidentale neve + 1.50 * (1) Accidentale d'esercizio + 1.00 * (1) Peso proprio**
11	**1.00 * (1) Peso proprio**
12	**-0.30 * (1) Dinamica SLVh Y + 0.60 * (1) Accidentale d'esercizio + 1.00 * (1) Peso portato + 1.00 * (1) Peso proprio + -1.00 * (1) Dinamica SLVh X**
13	**-0.30 * (1) Dinamica SLVh Y + 0.60 * (1) Accidentale d'esercizio + 1.00 * (1) Peso portato + 1.00 * (1) Peso proprio + 1.00 * (1) Dinamica SLVh X**
14	**0.30 * (1) Dinamica SLVh Y + 0.60 * (1) Accidentale d'esercizio + 1.00 * (1) Peso portato + 1.00 * (1) Peso proprio + -1.00 * (1) Dinamica SLVh X**
15	**0.30 * (1) Dinamica SLVh Y + 0.60 * (1) Accidentale d'esercizio + 1.00 * (1) Peso portato + 1.00 * (1) Peso proprio + 1.00 * (1) Dinamica SLVh X**

16	-0.30 * (1) Dinamica SLVh X + 0.60 * (1) Accidentale d'esercizio + 1.00 * (1) Peso portato + 1.00 * (1) Peso proprio + -1.00 * (1) Dinamica SLVh Y
17	-0.30 * (1) Dinamica SLVh X + 0.60 * (1) Accidentale d'esercizio + 1.00 * (1) Peso portato + 1.00 * (1) Peso proprio + 1.00 * (1) Dinamica SLVh Y
18	0.30 * (1) Dinamica SLVh X + 0.60 * (1) Accidentale d'esercizio + 1.00 * (1) Peso portato + 1.00 * (1) Peso proprio + -1.00 * (1) Dinamica SLVh Y
19	0.30 * (1) Dinamica SLVh X + 0.60 * (1) Accidentale d'esercizio + 1.00 * (1) Peso portato + 1.00 * (1) Peso proprio + 1.00 * (1) Dinamica SLVh Y
20	1.50 * (1) Accidentale neve + 1.05 * (1) Accidentale d'esercizio + 1.50 * (1) Peso portato + 1.30 * (1) Peso proprio
21	0.75 * (1) Accidentale neve + 1.50 * (1) Accidentale d'esercizio + 1.50 * (1) Peso portato + 1.30 * (1) Peso proprio
22	1.50 * (1) Peso portato + 1.30 * (1) Peso proprio

Combinazioni di esercizio dei carichi

1	Quasi Perm.	0.60 * (1) Accidentale d'esercizio + 1.00 * (1) Peso portato + 1.00 * (1) Peso proprio
2	Quasi Perm.	1.00 * (1) Peso portato + 1.00 * (1) Peso proprio
3	Frequente	0.20 * (1) Accidentale neve + 0.60 * (1) Accidentale d'esercizio + 1.00 * (1) Peso portato + 1.00 * (1) Peso proprio
4	Frequente	0.70 * (1) Accidentale d'esercizio + 1.00 * (1) Peso portato + 1.00 * (1) Peso proprio
5	Frequente	1.00 * (1) Peso portato + 1.00 * (1) Peso proprio
6	Rara	1.00 * (1) Accidentale neve + 0.70 * (1) Accidentale d'esercizio + 1.00 * (1) Peso portato + 1.00 * (1) Peso proprio
7	Rara	0.50 * (1) Accidentale neve + 1.00 * (1) Accidentale d'esercizio + 1.00 * (1) Peso portato + 1.00 * (1) Peso proprio
8	Rara	1.00 * (1) Peso portato + 1.00 * (1) Peso proprio

Combinazioni dei carichi per verifiche geotecniche

1	-0.30 * (1) Dinamica SLVh Y + 0.60 * (1) Accidentale d'esercizio + 1.00 * (1) Peso proprio + -1.00 * (1) Dinamica SLVh X
2	-0.30 * (1) Dinamica SLVh Y + 0.60 * (1) Accidentale d'esercizio + 1.00 * (1) Peso proprio + 1.00 * (1) Dinamica SLVh X
3	0.30 * (1) Dinamica SLVh Y + 0.60 * (1) Accidentale d'esercizio + 1.00 * (1) Peso proprio + -1.00 * (1) Dinamica SLVh X
4	0.30 * (1) Dinamica SLVh Y + 0.60 * (1) Accidentale d'esercizio + 1.00 * (1) Peso proprio + 1.00 * (1) Dinamica SLVh X
5	-0.30 * (1) Dinamica SLVh X + 0.60 * (1) Accidentale d'esercizio + 1.00 * (1) Peso proprio + -1.00 * (1) Dinamica SLVh Y
6	-0.30 * (1) Dinamica SLVh X + 0.60 * (1) Accidentale d'esercizio + 1.00 * (1) Peso proprio + 1.00 * (1) Dinamica SLVh Y
7	0.30 * (1) Dinamica SLVh X + 0.60 * (1) Accidentale d'esercizio + 1.00 * (1) Peso proprio + -1.00 * (1) Dinamica SLVh Y
8	0.30 * (1) Dinamica SLVh X + 0.60 * (1) Accidentale d'esercizio + 1.00 * (1) Peso proprio + 1.00 * (1) Dinamica SLVh Y
9	1.30 * (1) Accidentale neve + 0.91 * (1) Accidentale d'esercizio + 1.00 * (1) Peso proprio
10	0.65 * (1) Accidentale neve + 1.30 * (1) Accidentale d'esercizio + 1.00 * (1) Peso proprio
11	1.00 * (1) Peso proprio
12	-0.30 * (1) Dinamica SLVh Y + 0.60 * (1) Accidentale d'esercizio + 1.00 * (1) Peso portato + 1.00 * (1) Peso proprio + -1.00 * (1) Dinamica SLVh X
13	-0.30 * (1) Dinamica SLVh Y + 0.60 * (1) Accidentale d'esercizio + 1.00 * (1) Peso portato + 1.00 * (1) Peso proprio + 1.00 * (1) Dinamica SLVh X
14	0.30 * (1) Dinamica SLVh Y + 0.60 * (1) Accidentale d'esercizio + 1.00 * (1) Peso portato + 1.00 * (1) Peso proprio + -1.00 * (1) Dinamica SLVh X
15	0.30 * (1) Dinamica SLVh Y + 0.60 * (1) Accidentale d'esercizio + 1.00 * (1) Peso portato + 1.00 * (1) Peso proprio + 1.00 * (1) Dinamica SLVh X
16	-0.30 * (1) Dinamica SLVh X + 0.60 * (1) Accidentale d'esercizio + 1.00 * (1) Peso portato + 1.00 * (1) Peso proprio + -1.00 * (1) Dinamica SLVh Y
17	-0.30 * (1) Dinamica SLVh X + 0.60 * (1) Accidentale d'esercizio + 1.00 * (1) Peso portato + 1.00 * (1) Peso proprio + 1.00 * (1) Dinamica SLVh Y
18	0.30 * (1) Dinamica SLVh X + 0.60 * (1) Accidentale d'esercizio + 1.00 * (1) Peso portato + 1.00 * (1) Peso proprio + -1.00 * (1) Dinamica SLVh Y
19	0.30 * (1) Dinamica SLVh X + 0.60 * (1) Accidentale d'esercizio + 1.00 * (1) Peso portato + 1.00 * (1) Peso proprio + 1.00 * (1) Dinamica SLVh Y

20	1.30 * (1) Accidentale neve + 0.91 * (1) Accidentale d'esercizio + 1.30 * (1) Peso portato + 1.00 * (1) Peso proprio
21	0.65 * (1) Accidentale neve + 1.30 * (1) Accidentale d'esercizio + 1.30 * (1) Peso portato + 1.00 * (1) Peso proprio
22	1.30 * (1) Peso portato + 1.00 * (1) Peso proprio

Sollecitazioni ai vertici degli elementi in c.a.

Condizione "(1) Dinamica SLVh Y"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
23	0	-0.00482127	0.000893541	0.00197273	0.0244725	-0.00399233
	0	0.00158703	0.00558409	-0.00157727	0.00284733	0.000794684
	-0.000346096	0.00158703	-0.000616889	0.00226468	0.00344857	-0.00476415
	-0.000346096	-0.00482127	-0.00493736	0.00448331	-0.00195965	-0.00838663
67	0	0.00158703	0.00197453	0.00124117	-0.00171164	-0.0021439
	0	0.00185717	0.00134973	-0.000727077	-0.00357575	-0.0022452
	-0.000457621	0.00185717	0.00265986	0.00145687	0.0015746	-0.00319543
	-0.000457621	0.00158703	0.00324813	0.00366185	0.00167745	-0.00336065
66	-0.000457621	0.000959756	0.00185886	0.00438617	-0.00158462	-0.00417589
	-0.000457621	0.00034805	0.00188197	0.00296904	-0.000973463	-0.00321842
	-0.00237189	0.00034805	0.000477895	0.00318695	0.000492355	-0.00336891
	-0.00237189	0.000959756	0.000652275	0.00919791	0.0010204	-0.00397635

Condizione "(1) Dinamica SLVh X"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
23	0	0.0179241	0.0039708	0.00285683	0.0355436	0.00500911
	0	0.00235271	-0.00837841	-0.00257184	0.00520021	-0.00323296
	0.00153594	0.00235271	0.00190664	-0.00475321	-0.00502914	-0.00707137
	0.00153594	0.0179241	0.0134748	0.00663942	0.00324627	-0.0110621
67	0	0.00235271	0.00205742	0.00389662	0.00170865	-0.00347471
	0	-0.00206622	0.001612	-0.00282791	-0.0149548	-0.00459591
	0.000728821	-0.00206622	0.00268548	0.00684681	0.00692581	-0.00704314
	0.000728821	0.00235271	0.00300685	-0.00639078	-0.00211243	-0.00661048
66	0.000728821	-0.00154527	0.00152032	-0.00844138	0.00210206	-0.00703662
	0.000728821	-0.000465416	0.00210568	0.00996181	0.00497721	-0.00671297
	0.00339203	-0.000465416	0.000695557	0.0125614	-0.00171585	-0.0072152
	0.00339203	-0.00154527	-0.0011106	-0.0134422	0.00201818	-0.00722162

Condizione "(1) Dinamica SLDh Y"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
23	0	-0.00366846	0.000655891	0.00140278	0.0174177	-0.0028055
	0	0.0011384	0.00433296	-0.00112396	0.00201652	0.000537324
	-0.000259485	0.0011384	-0.000430891	0.00153224	0.00240601	-0.00337067
	-0.000259485	-0.00366846	-0.00380174	0.00319576	-0.0013273	-0.00593965
67	0	0.0011384	0.00143394	0.000833109	-0.00125402	-0.00152701
	0	0.0013953	0.00100728	-0.000448649	-0.00223835	-0.00158236

	-0.000338476	0.0013953	0.00199942	0.000961598	0.00104843	-0.00219353
	-0.000338476	0.0011384	0.00241212	0.00247226	0.00126111	-0.00234378
66	-0.000338476	0.0006951	0.00141215	0.00291179	-0.00114253	-0.00294424
	-0.000338476	0.000265893	0.00140306	0.00201809	-0.000578737	-0.00226148
	-0.00168331	0.000265893	0.000345383	0.00212264	0.000306112	-0.00238155
	-0.00168331	0.0006951	0.000424445	0.00637067	0.000717992	-0.00280578

Condizione "(1) Dinamica SLDh X"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
23	0	0.00976462	0.00218769	0.0018661	0.0233593	0.00315489
	0	0.00158468	-0.00479249	-0.0017152	0.00348554	-0.00177996
	0.000834158	0.00158468	0.00108996	-0.00306902	-0.00309344	-0.00461165
	0.000834158	0.00976462	0.00740557	0.00440486	0.00209025	-0.00720211
67	0	0.00158468	0.00140492	0.00216935	0.00112493	-0.00231585
	0	-0.00129012	0.00107846	-0.00162	-0.0081889	-0.0030463
	0.000423614	-0.00129012	0.00182903	0.00374588	0.00380863	-0.00457914
	0.000423614	0.00158468	0.00211732	-0.00383813	-0.00129004	-0.00419147
66	0.000423614	-0.000918258	0.00106585	-0.00505565	0.00128128	-0.00460868
	0.000423614	-0.000276653	0.00141823	0.00548883	0.00270908	-0.00447191
	0.00211453	-0.000276653	0.000469593	0.00688186	-0.000950898	-0.00481067
	0.00211453	-0.000918258	-0.000650454	-0.00833101	0.00116374	-0.00475439

Condizione "(1) Peso proprio"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
23	0	-0.0107111	-0.00846908	0.000231769	0.00217929	0.00132761
	0	-0.00241161	-0.00364226	-0.000189954	0.000220812	0.00159607
	-0.000227777	-0.00241161	0.00649629	-0.000168377	0.000124109	0.000923051
	-0.000227777	-0.0107111	0.00166947	0.000488073	0.000766433	0.000654591
67	0	-0.00241161	0.00499837	-0.000669307	-0.00221591	0.000645191
	0	-0.00865553	0.00667616	0.000784502	-3.58929e-005	0.000617994
	0.000751525	-0.00865553	0.00239708	0.000325024	0.000113804	0.0016004
	0.000751525	-0.00241161	0.000719292	-0.000272185	0.000579878	0.0016276
66	0.000751525	-0.000984458	0.00139395	0.000465663	0.000175859	0.00135357
	0.000751525	-0.00230745	0.0015626	8.5398e-006	0.000290559	0.00195609
	0.00177261	-0.00230745	0.00156575	0.000328332	0.000363051	0.00172268
	0.00177261	-0.000984458	0.00139709	0.0015273	0.000884967	0.00112016

Condizione "(1) Peso portato"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
23	0	-0.017093	-0.000797172	5.53996e-005	-7.35626e-005	0.000426575
	0	-0.00601784	-0.00220138	0.000103111	0.000102197	0.00102813

	-0.000254943	-0.00601784	0.000150955	0.000654937	-0.000547038	0.000965837
	-0.000254943	-0.017093	0.00155516	0.00012624	-0.00013054	0.000364279
67	0	-0.00601784	0.00403737	-0.00106127	-0.000341023	0.000301604
	0	-0.00652634	0.00357327	0.00128236	0.00203072	0.000953688
	0.000931492	-0.00652634	0.00261196	0.00157136	0.00051171	0.00290657
	0.000931492	-0.00601784	0.00307606	0.000144793	-0.000523604	0.00225448
66	0.000931492	0.00391006	0.00250028	0.0018121	0.00125555	0.00212331
	0.000931492	-0.000803456	0.00175041	0.000685117	0.000509537	0.00347622
	0.000138397	-0.000803456	0.000547344	0.00159692	0.000645012	0.00345895
	0.000138397	0.00391006	0.00129721	0.00400216	-7.0868e-005	0.00210604

Condizione "(1) Accidentale d'esercizio"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
23	0	-0.0124811	-0.00236037	-7.44072e-005	-0.00197162	-0.000284819
	0	-0.00564001	0.00221568	0.000284659	-0.00130538	0.000225969
	-0.000580386	-0.00564001	0.00208747	0.00126855	-3.94212e-005	0.000572655
	-0.000580386	-0.0124811	-0.00248858	-0.000529591	-0.000712918	6.18668e-005
67	0	-0.00564001	0.00201534	3.77396e-005	-0.00221578	0.00080891
	0	-0.00285034	0.00234492	0.000395455	-0.00138964	0.00131019
	0.000299523	-0.00285034	0.000853114	2.82342e-005	0.000497513	0.00168442
	0.000299523	-0.00564001	0.000523532	0.00155426	0.000670751	0.00118315
66	0.000299523	0.00196013	0.00111709	0.00213419	0.00041048	0.00101626
	0.000299523	-0.000224001	0.000208861	0.000198083	0.000322191	0.00175486
	-0.000124631	-0.000224001	0.0002772	0.000880937	0.000373593	0.00194119
	-0.000124631	0.00196013	0.00118543	0.00314476	-3.97764e-005	0.00120259

Condizione "(1) Accidentale neve"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
23	0	0.00064066	0.000457803	0.000186155	0.00281116	0.000802112
	0	0.000745384	8.56127e-006	-0.000396536	0.00127586	0.000369387
	6.73952e-005	0.000745384	-0.000203101	-0.00138197	-0.000365532	-0.000376477
	6.73952e-005	0.00064066	0.000246142	0.000723678	0.000981485	5.62477e-005
67	0	0.000745384	0.000236049	-0.000160871	0.000546495	-0.000537132
	0	-0.000266511	0.000453531	-0.000236295	0.000384386	-0.0012355
	0.0001984	-0.000266511	0.000590947	-0.000421274	-0.000573687	-0.00144028
	0.0001984	0.000745384	0.000373465	-0.00157707	-0.000378528	-0.000741913
66	0.0001984	-7.50954e-005	0.000223831	-0.00199901	0.000252793	-0.000761337
	0.0001984	-3.04016e-005	0.000525133	-0.000733723	-0.000272222	-0.001463
	0.000366505	-3.04016e-005	0.000133612	-0.000946268	-0.00024293	-0.00176547
	0.000366505	-7.50954e-005	-0.000167691	-0.0033952	-0.000240239	-0.00106381

Condizione "(1) Dinamica SLVh Y"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
71	0	0.00120636	0.00359948	-0.000494129	-0.00472103	-0.00215978
	0	-0.00132289	0.00180718	0.000746474	0.0037877	-0.0013946
	0.000377279	-0.00132289	0.00160606	0.00161215	-0.00109757	-0.0017267
	0.000377279	0.00120636	0.00330235	0.00157829	-0.00195829	-0.00234583
70	0.000377279	0.000361755	0.00247994	0.00261126	-0.00212534	-0.0026656
	0.000377279	0.00305592	0.00161024	-0.00248996	-0.00199486	-0.000911838
	0.00984999	0.00305592	0.00341404	0.00875333	-0.00173747	-0.00160348
	0.00984999	0.000361755	0.0043685	0.00323302	-0.000291069	-0.00371665

Condizione "(1) Dinamica SLVh X"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
71	0	-0.00180856	0.00308483	0.00129489	-0.0184631	-0.00573458
	0	-0.00210214	-0.00176117	0.00297604	-0.0121678	0.00480643
	0.00109423	-0.00210214	-0.00311266	0.00389361	0.00473322	0.00716536
	0.00109423	-0.00180856	-0.00382935	0.00450422	0.00823799	0.00762997
70	0.00109423	-0.00084672	-0.00290211	0.00701148	0.00897126	-0.00784253
	0.00109423	-0.00242151	-0.00259377	0.00590686	0.00707382	0.00431287
	0.00704444	-0.00242151	-0.00266238	0.0213101	0.00774174	0.00753718
	0.00704444	-0.00084672	0.00308054	0.0118877	0.000580523	-0.0113528

Condizione "(1) Dinamica SLDh Y"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
71	0	0.000970703	0.00266612	-0.000349596	-0.0027102	-0.00154605
	0	-0.000952347	0.0013029	0.000406677	0.00252016	-0.000971685
	0.000264658	-0.000952347	0.00115129	0.00116052	-0.000609167	-0.0011246
	0.000264658	0.000970703	0.00243002	0.000875043	-0.00105169	-0.00164714
70	0.000264658	0.000289411	0.0018472	0.00159516	-0.00130718	-0.00189323
	0.000264658	0.00245248	0.0011708	-0.00179594	-0.00133301	-0.000584766
	0.00772795	0.00245248	0.0027047	0.00632496	-0.00112805	-0.00101989
	0.00772795	0.000289411	0.00345087	0.00175283	-0.000192948	-0.00262511

Condizione "(1) Dinamica SLDh X"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
71	0	-0.0010024	0.00218652	0.000758315	-0.0104591	-0.00353147
	0	-0.00132125	-0.00121105	0.00164669	-0.00738103	-0.00276412
	0.000614597	-0.00132125	-0.00180597	0.00253964	0.00256799	0.00396533
	0.000614597	-0.0010024	-0.00245873	0.00258737	0.00447053	-0.00442281
70	0.000614597	-0.000465979	-0.00183095	0.00419538	0.00492438	-0.00465375
	0.000614597	-0.00143938	-0.00154882	0.00384161	0.0039785	0.00234816
	0.00476727	-0.00143938	0.0016688	0.013438	0.00424327	0.00410054

0.00476727 -0.000465979 0.00200902 0.00670506 0.000370018 -0.00664601

Condizione "(1) Peso proprio"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
71	0	-0.0124014	-0.000938652	0.000271251	0.00324061	0.00190467
	0	-0.0131689	-0.00295979	-0.000477271	0.00245403	0.00203149
	0.00250584	-0.0131689	-0.0034687	-0.00056707	-0.000239131	0.00152985
	0.00250584	-0.0124014	-0.00144756	0.000651815	-0.000150542	0.00140303
70	0.00250584	-0.00375812	-0.00143734	0.000127103	0.000438686	0.00165244
	0.00250584	-0.00932714	-0.00326133	-0.000637009	0.000215122	0.000795445
	-0.00104553	-0.00932714	-0.00607013	-0.00228033	0.000720125	0.00113487
	-0.00104553	-0.00375812	-0.00424614	-0.000194459	-9.56157e-005	0.00199187

Condizione "(1) Peso portato"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
71	0	-0.00847747	0.000208623	0.000103399	0.0058466	0.00282753
	0	-0.00820372	-0.00180543	-0.000580839	0.00553463	0.00271259
	0.00196694	-0.00820372	-0.00259331	-0.00116709	0.000456372	0.00216813
	0.00196694	-0.00847747	-0.000579261	0.00042614	0.00109428	0.00228306
70	0.00196694	-0.00106758	-0.000661577	-0.000680039	0.00159285	0.00282646
	0.00196694	-0.00251369	-0.00180126	-0.00172843	0.00144353	0.000379445
	0.00388624	-0.00251369	-0.00184953	-0.00736168	0.00136965	0.00123645
	0.00388624	-0.00106758	-0.000709845	-0.000657169	-0.000274818	0.00368346

Condizione "(1) Accidentale d'esercizio"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
71	0	-0.00280305	-0.000118274	-0.000340468	0.00109322	0.00107871
	0	-0.00336142	-0.000701152	-1.92326e-005	0.00183814	0.000557506
	0.000284772	-0.00336142	-0.000116536	-0.000920649	-0.000185857	0.000734849
	0.000284772	-0.00280305	0.000466341	-0.000634045	0.000249667	0.00125606
70	0.000284772	-6.61047e-006	0.000430824	-0.00121963	0.000778835	0.00157609
	0.000284772	0.000767319	9.10336e-006	-0.00152104	0.000946493	-0.000145708
	0.00434499	0.000767319	0.000628408	-0.00553262	0.000756624	0.000464813
	0.00434499	-6.61047e-006	0.00105013	-0.00115571	-0.000140853	0.00218662

Condizione "(1) Accidentale neve"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
71	0	-0.000558128	6.15812e-005	0.00021407	-0.00100191	-0.00114803
	0	-0.000945242	-0.000206042	7.49834e-005	-0.00134809	-0.000659986
	0.000262471	-0.000945242	-0.000437322	0.000798128	-0.000278321	-0.000737065
	0.000262471	-0.000558128	-0.000169699	0.000609885	-0.000490019	-0.00122511
70	0.000262471	-0.000185727	-0.000121089	0.00114017	-0.000866311	-0.00147848

	0.000262471	-0.00078145	-0.000367943	0.00129278	-0.00104103	3.25855e-005
	0.000974958	-0.00078145	-0.000287337	0.00500305	-0.000773253	-0.000561027
	0.000974958	-0.000185727	-4.04826e-005	0.000894376	8.76611e-005	-0.00207209

Condizione "(1) Dinamica SLVh Y"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
54	0.00269282	-0.00561125	-0.000652946	0.00375095	0.000589888	0.00222106
	0.00269282	0.00929581	-0.00389432	-0.00357495	0.00699504	0.00412048
	-0.00122788	0.00929581	-0.00554497	-0.00314126	-0.00907884	0.00303458
	-0.00122788	-0.00561125	-0.00225075	0.00242213	0.000862317	0.00109053
65	0	-0.00301054	-0.00207635	-0.00028156	0.00687498	0.00159534
	0	-0.0029241	-0.00239337	-0.00024575	0.00107587	-0.00114444
	-0.000523988	-0.0029241	0.00122256	0.00301704	0.00115605	-0.00141355
	-0.000523988	-0.00301054	0.00099078	-0.00340395	-0.00423073	-0.00171878

Condizione "(1) Dinamica SLVh X"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
54	0.00204456	-0.00386182	0.000702412	0.0126869	-0.000843312	0.00500762
	0.00204456	-0.0061969	-0.0021693	-0.00902439	-0.0218028	0.0110701
	-0.00123792	-0.0061969	-0.00547184	-0.00778165	-0.024512	-0.00925644
	-0.00123792	-0.00386182	0.00388278	0.0046916	-0.000769088	-0.0030382
65	0	-0.00284754	0.00331907	-0.000388232	-0.00834426	0.00381568
	0	-0.00397822	0.00205249	0.00125976	-0.00486112	0.00242526
	0.00119598	-0.00397822	0.0021011	0.00611839	0.00312584	0.00262151
	0.00119598	-0.00284754	0.00340244	-0.00368472	-0.00312215	0.00314891

Condizione "(1) Dinamica SLDh Y"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
54	0.00207515	-0.00454547	-0.000501922	0.00239169	0.000468106	0.00160794
	0.00207515	0.00746257	-0.0030966	0.0025778	0.00491766	0.0029656
	-0.000886666	0.00746257	-0.00436034	-0.00223982	-0.00648983	-0.00214868
	-0.000886666	-0.00454547	-0.00172579	0.00173281	0.000675534	0.000778476
65	0	-0.00217969	-0.00169696	-0.000191903	0.00442474	-0.0011547
	0	-0.00221416	-0.001953	-0.000169381	0.000757693	-0.000844693
	-0.000371783	-0.00221416	0.000899698	0.00187138	0.000747715	-0.00105654
	-0.000371783	-0.00217969	0.000713334	-0.00220312	-0.00263878	-0.00125629

Condizione "(1) Dinamica SLDh X"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
54	0.00141862	-0.00226728	0.000465955	0.0070188	-0.000542352	0.00312864
	0.00141862	-0.00380081	-0.00147136	-0.00562001	0.0125524	0.00663279
	-0.000849988	-0.00380081	-0.00338225	-0.00470318	-0.0145875	0.00536983

	-0.000849988	-0.00226728	0.00224667	0.00299524	-0.000456917	0.00177158
65	0	-0.00198235	0.00184018	-0.000235828	-0.00494726	0.00240251
	0	-0.00256374	0.00114047	0.000691943	-0.00267606	0.00160396
	0.000675454	-0.00256374	0.00130212	0.00344893	0.00174019	0.0016748
	0.000675454	-0.00198235	0.00202605	-0.00227067	-0.00215673	0.00207538

Condizione "(1) Peso proprio"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
54	-0.000529152	0.00654789	-0.000467812	0.00490386	0.000260868	0.000623543
	-0.000529152	-0.0204698	0.00372624	0.0013959	0.00252055	-0.00082867
	-7.06665e-006	-0.0204698	0.00648308	-0.00144623	-0.0106109	-0.00412152
	-7.06665e-006	0.00654789	0.00228903	0.00376412	-0.00354755	-0.00266931
65	0	-0.0145835	-0.00657586	-0.00135961	-0.0113347	-0.00278781
	0	-0.0044856	-0.00209439	0.00139848	-0.00277643	-0.00357288
	-0.00050751	-0.0044856	0.0058588	0.00484653	0.000280031	-0.00042617
	-0.00050751	-0.0145835	0.00137733	-0.00562028	-0.00332189	0.000358902

Condizione "(1) Peso portato"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
54	0.000530874	0.00288738	-0.00154943	0.00637454	0.000773526	-0.00112651
	0.000530874	-0.00844373	0.000549936	0.00345115	-0.000817107	-0.00396313
	0.000173661	-0.00844373	0.00261766	-0.000273709	-0.00410668	-0.00625621
	0.000173661	0.00288738	0.000518299	0.00232157	-0.0023521	-0.0034196
65	0	-0.00895942	-0.0041226	-0.000897421	-0.00680045	-0.00304062
	0	-0.00404458	-0.00361942	0.00106319	-0.00263365	-0.00324535
	0.000364096	-0.00404458	0.00213943	0.00474644	0.00151136	-0.00135364
	0.000364096	-0.00895942	0.00163626	-0.00479259	-0.00163219	-0.0011489

Condizione "(1) Accidentale d'esercizio"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
54	0.000832032	-0.0019363	-0.000176299	0.00203544	0.000443045	-0.00124223
	0.000832032	0.00326243	-0.00103497	0.00220926	-0.00354825	-0.00261134
	3.18715e-005	0.00326243	-0.00120552	0.00151675	0.00546143	-0.00191562
	3.18715e-005	-0.0019363	-0.00034685	-0.00102606	0.000455212	-0.000546512
65	0	-0.00386469	-0.00290515	-0.000249829	-0.0021138	-0.00153964
	0	-0.00342425	-0.0016704	0.000349291	-0.000875802	-0.00148703
	3.72067e-005	-0.00342425	0.00130057	0.00143957	0.000869467	-0.000841785
	3.72067e-005	-0.00386469	6.58154e-005	-0.00128565	-0.000386022	-0.000894395

Condizione "(1) Accidentale neve"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
54	0.000165288	0.000383902	-0.000118346	-0.000852701	-1.61278e-005	0.0013028

	0.000165288	-0.00277432	0.000116255	-0.00194056	0.00518927	0.00213649
	0.000217364	-0.00277432	-5.20023e-005	-0.00257139	-0.00849858	0.000522835
	0.000217364	0.000383902	-0.000286603	0.00206405	-0.000939136	-0.000310858
65	0	-0.000677429	0.000403241	-3.7996e-005	0.00030476	0.000819289
	0	-0.00108935	-0.000110732	-0.000101795	0.000312062	0.000406613
	-0.000162149	-0.00108935	0.000489055	-0.000452461	-0.000243533	0.000329284
	-0.000162149	-0.000677429	0.00100303	-0.000114486	6.26022e-005	0.00074196

Condizione "(1) Dinamica SLVh Y"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
57	0	-0.0134837	0.0205538	-0.00848462	0.0162297	-0.00491016
	0	0.0436758	0.00748386	0.00739106	0.0824892	0.00268785
	0.00157398	0.0436758	-0.0243565	0.0140146	0.022627	0.0206518
	0.00157398	-0.0134837	-0.00331713	-0.0123305	0.00757688	0.0181153
55	0.00016576	-0.00300661	0.00287443	0.00611831	-0.00433353	0.0199856
	0.00016576	-0.00433154	0.000905178	-0.00544093	-0.0157517	0.020395
	0.000831705	-0.00433154	-0.00479796	-0.00522727	-0.0431202	0.00539123
	0.000831705	-0.00300661	-0.00576065	0.00614292	-0.00695094	0.00486841
53	0	-0.00675878	0.002532	-0.00217299	0.00473399	0.0147432
	0	-0.0134837	0.00275763	-0.00214532	-0.00482762	0.0114882
	-0.00120512	-0.0134837	0.00542738	-0.00914782	0.00470645	0.0131785
	-0.00120512	-0.00675878	0.0051178	-0.00163579	-0.00314296	0.016373

Condizione "(1) Dinamica SLVh X"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
57	0	-0.00223447	-0.0156324	-0.00196499	0.00351752	0.00234784
	0	-0.0374982	0.00670453	-0.00171972	-0.0184297	0.00180822
	-0.00140208	-0.0374982	0.0198754	0.0032357	-0.00577143	0.00415155
	-0.00140208	-0.00223447	-0.00255674	-0.00314717	-0.0019976	0.00379116
55	-0.000199573	0.00226568	0.00181228	-0.00228548	-0.00112854	-0.0045782
	-0.000199573	-0.00281164	-0.000737691	0.00151784	-0.00297634	0.00466677
	0.000708196	-0.00281164	0.00280887	0.0012766	0.00988595	0.00140332
	0.000708196	0.00226568	0.00515275	-0.00149939	-0.00156083	-0.00130659
53	0	0.00328279	0.00153233	-0.00185492	-0.00452653	0.00345781
	0	-0.00223447	0.00106916	0.00192662	0.00403952	0.00255904
	-0.000476752	-0.00223447	0.00134771	-0.0028085	-0.00405878	0.00299061
	-0.000476752	0.00328279	0.00200329	0.0014164	0.00142556	0.00368694

Condizione "(1) Dinamica SLDh Y"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
57	0	-0.011075	0.0153868	-0.00694457	0.0132938	-0.00394064

	0	0.0319763	0.00542833	0.0060474	0.0674967	-0.00201198
	0.00113453	0.0319763	-0.0180152	0.0114701	0.0184733	0.0168944
	0.00113453	-0.011075	-0.002468	-0.0100749	0.00618024	0.0148284
55	0.000120661	-0.00226099	0.00224833	0.00492331	-0.00353654	0.0163593
	0.000120661	-0.003351	0.000656427	-0.00444905	-0.0127584	0.0166698
	0.000671961	-0.003351	-0.003758	-0.00427642	-0.0352584	0.0042967
	0.000671961	-0.00226099	-0.00417685	0.00502781	-0.00568882	0.00395801
53	0	-0.00537442	0.00198749	-0.00160122	0.00351977	0.0120688
	0	-0.011075	0.00223128	-0.00157583	0.00351429	0.00940648
	-0.000971988	-0.011075	0.00443714	-0.00743418	0.00340007	0.0107729
	-0.000971988	-0.00537442	0.00413509	-0.00118793	-0.00253216	0.0133975

Condizione "(1) Dinamica SLDh X"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
57	0	-0.00159224	-0.0111772	-0.00139539	0.00248401	0.00166439
	0	-0.0267162	0.00476953	-0.00122329	-0.0131095	0.00127945
	-0.000999091	-0.0267162	0.0141823	0.00229453	-0.00410063	0.00295415
	-0.000999091	-0.00159224	-0.00181679	-0.00216893	-0.00138597	0.00269494
55	-0.000118712	0.00161906	0.00127077	-0.00142285	-0.000755071	-0.00325231
	-0.000118712	-0.00197366	-0.000524102	0.00103458	-0.00209268	0.00332703
	0.000449443	-0.00197366	0.002003	0.000908389	0.0070416	0.000993699
	0.000449443	0.00161906	0.00365916	-0.0010584	-0.0010547	-0.000920924
53	0	0.00234655	0.00104317	-0.001294	-0.00301474	0.00243615
	0	-0.00159224	0.000710221	0.00135149	0.00287982	0.00181649
	-0.000331633	-0.00159224	0.000941015	-0.00186855	-0.00290153	0.00208969
	-0.000331633	0.00234655	0.00140017	0.000997206	0.000916177	0.00254443

Condizione "(1) Peso proprio"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
57	0	0.00034597	0.00104845	0.0027515	-0.00735637	0.00513224
	0	-0.036209	0.0113047	-0.00157018	-0.0186993	0.00709763
	-0.000270343	-0.036209	0.00250355	-0.00516964	-0.0065942	0.00166039
	-0.000270343	0.00034597	-0.00775269	0.00853885	0.00160007	-0.000305005
55	0.00063722	0.00269118	0.00487771	0.0128872	0.00116949	-0.000986002
	0.00063722	-0.0147124	0.000824553	-0.00845646	-0.0070059	-0.0030571
	0.00109241	-0.0147124	-0.00113884	-0.00279913	-0.0279732	-0.0119102
	0.00109241	0.00269118	0.00291432	0.0045726	-0.00854784	-0.00983906
53	0	-0.0167872	-0.00858475	-0.00149795	-0.00620304	-0.00612435
	0	0.00034597	-0.00704558	0.00341471	0.000507288	-0.00268181
	0.00277028	0.00034597	-0.00198378	0.010253	-0.000620823	-0.000604611

0.00277028 -0.0167872 -0.00352295 -0.000146303 0.002597 -0.00404715

Condizione "(1) Peso portato"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
57	0	0.00515436	-0.00114153	4.1357e-005	-0.00194759	0.00155052
	0	-0.0189799	0.00418712	0.000563703	0.00439628	0.00341888
	-0.000232674	-0.0189799	0.00235586	-0.000316058	0.000802687	0.00464279
	-0.000232674	0.00515436	-0.00297278	0.00300099	0.00274878	0.00277443
55	0.000604999	0.00437584	0.00296421	0.0126323	-7.90954e-005	0.00302007
	0.000604999	-0.0130999	-0.000528796	-0.00932557	-0.00871467	0.00170985
	0.0011031	-0.0130999	-0.00056789	-0.00402113	-0.0377755	-0.0101331
	0.0011031	0.00437584	0.00292511	0.0056468	-0.00948892	-0.00882288
53	0	-0.00379103	-0.0034629	-1.39484e-005	-0.00151724	-0.00106773
	0	0.00515436	-0.00343207	0.000932048	0.000192185	0.000692661
	0.00109237	0.00515436	-0.00102841	0.00462072	-0.000404864	0.000628372
	0.00109237	-0.00379103	-0.00105925	0.000485415	0.00141266	-0.00113202

Condizione "(1) Accidentale d'esercizio"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
57	0	0.00271291	0.000512255	-0.000421807	0.000232686	-9.0902e-005
	0	-0.00233319	3.71926e-006	0.00037376	0.00364802	-4.16849e-005
	3.04577e-005	-0.00233319	7.89125e-005	0.000605285	0.00114444	0.00110817
	3.04577e-005	0.00271291	0.000587448	-0.000598543	0.000428104	0.00105895
55	-3.41913e-005	0.000384481	0.000445482	0.000256877	-0.000210171	0.00122597
	-3.41913e-005	-0.000989127	0.000152559	-0.000371223	-0.000602706	0.0013165
	0.000252486	-0.000989127	0.000171503	-0.000300008	-0.00283678	0.000443126
	0.000252486	0.000384481	0.000464426	0.000301809	-0.000506457	0.0003526
53	0	6.58785e-005	-0.000269345	-0.000187379	-0.000731772	0.000721059
	0	0.00271291	-0.000701615	0.000136747	-0.000400334	0.000551959
	4.8284e-005	0.00271291	-0.000816871	-0.000281085	-0.000116609	0.000844577
	4.8284e-005	6.58785e-005	-0.000384601	-0.00017184	-0.000277165	0.00101368

Condizione "(1) Accidentale neve"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
57	0	0.000179752	0.00343515	-0.000181632	-0.000585399	-0.000162421
	0	0.00551583	-0.00121657	0.000439328	0.00386934	0.000751685
	0.000302431	0.00551583	-0.00502977	0.000208425	0.000967698	0.00185566
	0.000302431	0.000179752	-0.000378046	0.00106686	0.00145563	0.000941551
55	0.000247945	0.000739693	0.000706652	0.00618761	-0.000299487	0.00109606
	0.000247945	-0.0063575	-0.00137412	-0.00463508	-0.00426792	0.000460743
	0.000609266	-0.0063575	-0.00231319	-0.00229312	-0.0192302	-0.00565679

	0.000609266	0.000739693	-0.000232423	0.00303052	-0.00412628	-0.00502147
53	0	-0.00228763	-0.00096448	0.000496915	4.80945e-005	-0.00043092
	0	0.000179752	-0.00073517	-7.37038e-005	-0.00112693	0.000225861
	0.000338361	0.000179752	-0.000734562	0.001964	0.0010749	-0.000299933
	0.000338361	-0.00228763	-0.000963873	2.17199e-005	0.000783924	-0.000956715

Condizione "(1) Dinamica SLVh Y"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
60	-0.00173498	-0.000518816	-0.00116706	-0.00461597	-0.00323851	0.00179275
	-0.00173498	-0.00561125	-0.00182889	0.00348222	0.00125122	0.00228552
	0.00496732	-0.00561125	-0.00216178	0.000297401	0.000884512	0.00250704
	0.00496732	-0.000518816	0.00374236	-0.00163362	0.00259902	0.00203513
61	0.00122325	-0.000518816	-0.00178405	0.00504439	0.00307029	-0.00163307
	0.00122325	-0.00218726	-0.00236534	-0.00584113	-0.0011886	-0.00187908
	0.0129512	-0.00218726	-0.00255116	-0.00175773	0.000756474	-0.00191114
	0.0129512	-0.000518816	-0.00141178	0.00283901	-0.00289168	-0.00156875

Condizione "(1) Dinamica SLVh X"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
60	0.00128471	-0.000519799	0.00238064	-0.00350295	0.00293043	0.00355351
	0.00128471	-0.00386182	0.00178886	0.00613451	0.00215755	0.00491976
	-0.00454564	-0.00386182	0.00179099	0.00112734	-0.00274262	0.0052633
	-0.00454564	-0.000519799	0.00203755	-0.00145911	-0.00227418	0.00382967
61	0.000754601	-0.000519799	-0.00198354	-0.00404721	0.0027534	0.00338357
	0.000754601	0.00173414	-0.00298228	0.005063	0.00111911	0.0029558
	-0.0104604	0.00173414	-0.0039321	0.00137755	-0.000774556	0.00273658
	-0.0104604	-0.000519799	-0.00293134	-0.00230779	-0.00236298	0.00313408

Condizione "(1) Dinamica SLDh Y"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
60	-0.00134228	-0.000375099	-0.00083779	-0.00313926	-0.00216614	0.00129048
	-0.00134228	-0.00454547	-0.00147749	0.00218755	0.00093159	0.00164114
	0.00400429	-0.00454547	-0.00164824	0.000197825	0.000603339	0.0017788
	0.00400429	-0.000375099	0.00298592	-0.00129055	0.00171404	0.00144825
61	0.000956756	-0.000375099	-0.00137841	0.00349419	0.00207969	-0.0011492
	0.000956756	-0.00162774	-0.00177842	-0.00407334	-0.000858958	-0.001303
	0.0102761	-0.00162774	0.00198416	-0.001344	0.000560107	-0.00132949
	0.0102761	-0.000375099	-0.00104871	0.00229132	-0.00194937	-0.00110416

Condizione "(1) Dinamica SLDh X"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
60	0.000846004	-0.000358946	0.00148628	-0.00237317	0.00195508	0.00234031

	0.000846004	-0.00226728	0.0010122	0.00345721	0.00120713	0.00308289
	-0.00261024	-0.00226728	-0.00120789	0.000618596	-0.00152358	0.00329372
	-0.00261024	-0.000358946	0.00133083	-0.000873547	-0.00153631	0.00251645
61	0.000502104	-0.000358946	-0.00128487	-0.00272498	0.00188503	0.00219488
	0.000502104	0.0012233	-0.00186337	0.00353104	-0.000767538	0.00187459
	-0.00667657	0.0012233	-0.00231961	-0.000926197	-0.000500461	0.00175407
	-0.00667657	-0.000358946	-0.00180148	-0.00138931	-0.00166095	0.00204447

Condizione "(1) Peso proprio"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
60	-0.000653835	-0.00469657	-0.00304836	-0.00492085	-0.0022111	-0.00155163
	-0.000653835	0.00654789	0.00179417	0.00503201	-0.00135164	-9.51266e-005
	-0.00758664	0.00654789	2.91465e-005	0.00138169	-0.00334641	0.00242359
	-0.00758664	-0.00469657	-0.00481338	0.000467054	-0.010932	0.000967081
61	-0.00156466	-0.00469657	0.00494752	0.00438106	0.00127241	-0.00082589
	-0.00156466	-0.00377642	0.00171834	-0.00622277	0.000884122	-0.00270064
	-0.0112667	-0.00377642	-2.61366e-005	-0.00415808	0.00116382	-0.00666448
	-0.0112667	-0.00469657	0.00320305	-0.00052289	0.0112447	-0.00478973

Condizione "(1) Peso portato"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
60	0.00123352	-0.00302398	-0.00192443	-0.00567385	-0.00208482	-0.00263942
	0.00123352	0.00288738	0.00022789	0.00560217	-6.82555e-005	-0.00184042
	-0.00297533	0.00288738	0.00161856	0.00172261	-0.00336499	0.00108436
	-0.00297533	-0.00302398	-0.00053376	-0.000841109	-0.011155	0.000285362
61	0.000201063	-0.00302398	0.0016237	0.00514691	0.00120677	-0.00108426
	0.000201063	-4.66398e-005	0.000779151	-0.00378069	0.00111415	-0.0021632
	0.000395199	-4.66398e-005	0.000772399	-0.00232639	0.00176252	-0.00597871
	0.000395199	-0.00302398	0.00161695	0.00205859	0.0117473	-0.00489977

Condizione "(1) Accidentale d'esercizio"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
60	0.000765721	-0.000170188	-0.000436829	-0.000840691	0.000157726	-0.000990015
	0.000765721	-0.0019363	-0.000854427	0.000895402	0.000663361	-0.00117887
	0.00108828	-0.0019363	0.000954352	0.000177529	-8.34564e-005	-0.00108466
	0.00108828	-0.000170188	0.00137195	-0.000348118	0.000106297	-0.000895805
61	0.0006546	-0.000170188	-0.000421224	0.000671382	-0.000226282	-0.0010246
	0.0006546	0.000615336	0.000316269	0.000512151	0.000245524	-0.00087483
	0.00411389	0.000615336	0.000515457	0.00053197	-4.2183e-005	-0.000719306
	0.00411389	-0.000170188	-0.000222036	0.000878392	1.88578e-005	-0.00086908

Condizione "(1) Accidentale neve"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
60	0.000103186	-0.00092436	0.000460505	-0.00124773	-0.000780795	0.00045816
	0.000103186	0.000383902	0.000430149	0.000493513	-0.000562999	0.000951978
	-0.000220146	0.000383902	0.000486706	0.000408998	-0.000437022	0.00190244
	-0.000220146	-0.00092436	0.000517062	-0.000574098	-0.00340607	0.00140862
61	-0.000507998	-0.00092436	-0.000560781	0.00126623	0.000536997	0.00113824
	-0.000507998	-7.24892e-006	-0.000329603	-0.000530781	0.000305285	0.000794957
	-7.56912e-005	-7.24892e-006	0.000241399	-0.000488898	0.000567977	-0.000462776
	-7.56912e-005	-0.00092436	1.02211e-005	0.000704442	0.00365816	-0.000119489

Condizione "(1) Dinamica SLVh Y"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
63	0	-0.00192284	0.00536779	-0.000441167	0.000838043	0.00163186
	0	-0.00301054	0.00271945	-0.000234628	0.00667509	0.00194163
	-0.0042253	-0.00301054	0.00132156	-0.00472852	-0.00363948	0.0022055
	-0.0042253	-0.00192284	-0.00206146	0.00492702	0.000921444	0.00205869
38	0	-0.00368316	0.00219385	-0.00112927	-0.00420549	0.00158948
	0	-0.00192284	0.0025881	0.0016251	-0.00201103	0.000969642
	0.00137137	-0.00192284	0.00409253	0.00323635	0.00221729	0.0020649
	0.00137137	-0.00368316	0.00422247	0.000346312	0.00130337	0.0018017
36	0.00172483	-0.00120487	0.00333057	0.00268922	0.00126136	0.00238499
	0.00172483	-0.00218726	0.00196523	0.0022456	0.000839352	-0.00211314
	0.00415193	-0.00218726	0.00618267	0.000945924	-0.000616806	-0.00123822
	0.00415193	-0.00120487	0.00712303	0.00272273	-0.00211712	0.00153188

Condizione "(1) Dinamica SLVh X"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
63	0	-0.00127766	-0.00472814	0.000782177	-0.00100959	0.00308836
	0	-0.00284754	0.00286351	-0.000629181	-0.00738098	0.00339031
	0.00460707	-0.00284754	0.00467303	-0.00378854	-0.00255002	0.00423965
	0.00460707	-0.00127766	0.00237433	0.00438081	0.00131145	0.0039231
38	0	0.00278166	0.00337701	-0.00269414	-0.00934476	-0.00233722
	0	-0.00127766	-0.00315909	0.00351846	-0.00137209	-0.00175984
	-0.00126674	-0.00127766	-0.00355309	0.00381679	-0.00212338	0.00438445
	-0.00126674	0.00278166	0.00375341	0.000569246	-0.00103854	0.00359508
36	0.0015518	0.00150168	-0.00336959	0.00366772	0.00140435	0.00407701
	0.0015518	0.00173414	-0.00211109	-0.00265042	-0.00104221	0.00342341
	0.00368542	0.00173414	0.00576945	-0.00169943	0.000761285	0.00165374
	0.00368542	0.00150168	0.00637486	0.00331192	0.00386625	0.00235151

Condizione "(1) Dinamica SLDh Y"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
63	0	-0.00151455	0.00404949	-0.000328854	0.000621569	0.0011526
	0	-0.00217969	0.00197526	-0.000159581	0.00423566	0.00140591
	-0.00322043	-0.00217969	0.000986635	-0.0030849	-0.0021731	0.00153903
	-0.00322043	-0.00151455	-0.00161282	0.00333829	0.000625937	0.00142658
38	0	-0.00288145	0.00157418	-0.000804009	-0.00299079	0.00125432
	0	-0.00151455	0.00191247	0.0011541	0.00158079	0.000752861
	0.00101709	-0.00151455	0.00294598	0.00229234	0.00170692	0.00146986
	0.00101709	-0.00288145	0.00304878	0.00021545	0.000915062	0.0013428
36	0.00124378	-0.000940161	0.00241089	0.00202529	0.000862573	0.00172222
	0.00124378	-0.00162774	0.00141741	0.0013375	0.000662567	0.00152197
	0.0031069	-0.00162774	0.00456695	0.000648952	-0.000435157	-0.000869085
	0.0031069	-0.000940161	0.00520428	-0.0021254	-0.00142159	0.0010861

Condizione "(1) Dinamica SLDh X"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
63	0	-0.000825043	-0.003277	0.000424911	-0.000616759	0.00206065
	0	-0.00198235	0.00187112	-0.000349932	-0.00437224	0.0022687
	0.00297996	-0.00198235	0.0027398	-0.00263556	-0.00172291	0.00269206
	0.00297996	-0.000825043	0.00141476	0.00302895	0.000825985	0.00246843
38	0	0.00189948	0.00201634	-0.00177903	-0.00616543	-0.00136295
	0	-0.000825043	-0.00196057	0.00234013	-0.000943563	-0.000951017
	-0.000884141	-0.000825043	-0.00251662	0.00254685	-0.00143664	0.00282758
	-0.000884141	0.00189948	-0.00262645	0.000315725	-0.00065335	0.00222389
36	0.00109863	0.00100078	-0.00229889	0.00242657	0.000685964	0.00259059
	0.00109863	0.0012233	-0.00138873	-0.00149454	-0.000578135	0.0021856
	0.00255151	0.0012233	0.00394854	-0.0011282	0.000480135	0.00102892
	0.00255151	0.00100078	0.00442318	0.00219228	0.00239578	0.00145328

Condizione "(1) Peso proprio"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
63	0	-0.00448666	0.00122647	0.00193532	-0.00475804	0.00285505
	0	-0.0145835	0.00304982	-0.00158328	-0.0126537	0.00224904
	-0.001742	-0.0145835	-0.00363109	-0.00546061	-0.00243087	-0.00139718
	-0.001742	-0.00448666	-0.00545444	0.00501634	0.000772779	-0.00079117
38	0	-0.023429	-0.011655	0.000570657	0.00216984	-0.000749171
	0	-0.00448666	-0.0101715	-0.000281554	0.00184156	0.000146129
	0.00278108	-0.00448666	-0.00639659	0.000972996	-0.000253493	-0.000732077
	0.00278108	-0.023429	-0.00788005	0.00144606	0.000894803	-0.00162738
36	0.00272805	-0.00749076	-0.00285799	0.00188845	0.00333652	-0.00308646
	0.00272805	-0.00377642	-0.00243555	9.50132e-005	0.000171665	-0.00306687

	0.00262756	-0.00377642	0.0044504	-9.17775e-005	-0.000377726	-0.0034913
	0.00262756	-0.00749076	0.00402796	0.00212897	-0.00292341	-0.0035109

Condizione "(1) Peso portato"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
63	0	-0.00347575	-0.00153098	0.00100665	-0.00260727	0.00126939
	0	-0.00895942	0.000759872	-0.00102587	-0.00729684	0.000254791
	0.0022935	-0.00895942	-0.00144267	-0.00369841	-0.00115533	-0.00182523
	0.0022935	-0.00347575	-0.00373352	0.00234598	0.000486823	-0.000810626
38	0	-0.00976078	-0.004564	-0.00031153	-0.000628017	-0.00102362
	0	-0.00347575	-0.00479554	0.000447147	0.00110079	-0.000638672
	0.00155286	-0.00347575	-0.00534935	0.000682298	-0.00101647	-0.000411328
	0.00155286	-0.00976078	-0.00511781	0.00036913	0.000330087	-0.000796278
36	0.00144822	-0.0058547	-0.00166934	0.000170764	0.00427946	-0.00250094
	0.00144822	-4.66398e-005	-0.000910218	-0.0012115	0.000592367	-0.0021978
	-0.000414828	-4.66398e-005	0.00152229	-0.000349256	-6.23279e-005	-0.00331186
	-0.000414828	-0.0058547	0.000763169	0.000139698	-0.00212422	-0.00361499

Condizione "(1) Accidentale d'esercizio"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
63	0	-0.00158396	-0.000344382	0.000189145	-0.000701414	-6.00454e-005
	0	-0.00386469	-0.000436485	-0.000293359	-0.00210664	-0.000610418
	0.00172431	-0.00386469	-0.0010055	-0.000729455	-0.000481526	-0.00124406
	0.00172431	-0.00158396	-0.000913399	-9.79652e-005	4.20858e-005	-0.000693683
38	0	-0.00242382	-0.000631744	0.000118234	0.000517024	3.88475e-005
	0	-0.00158396	-0.00159881	-0.00024687	0.000495079	-0.000140393
	0.000334319	-0.00158396	-0.00219814	-0.000500009	-0.000379486	-0.000529748
	0.000334319	-0.00242382	-0.00123108	-5.50445e-005	0.000253214	-0.000350508
36	-2.09367e-005	-0.000667471	-0.000272994	-0.000844191	0.000798924	-0.000928613
	-2.09367e-005	0.000615336	-0.000396575	-0.000163438	0.000184916	-0.000826073
	-0.000859982	0.000615336	-0.00138292	0.000466245	-0.000233777	-0.000495439
	-0.000859982	-0.000667471	-0.00125934	-0.00119272	-0.00133012	-0.000597978

Condizione "(1) Accidentale neve"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
63	0	-0.000440689	-0.000596672	2.82063e-005	-0.000124599	0.00103204
	0	-0.000677429	0.000760608	-4.10389e-005	0.000145202	0.000955168
	0.000456025	-0.000677429	0.000971663	-0.00065927	0.000199655	0.00104359
	0.000456025	-0.000440689	-0.000385617	0.000545426	0.000200301	0.00112046
38	0	-0.00124213	-0.000650207	-0.00095069	-0.00259168	-3.04921e-005
	0	-0.000440689	-0.000676775	0.00106787	-8.82473e-005	9.13719e-005

	7.81696e-005	-0.000440689	-8.34644e-005	0.000560876	-0.000602639	0.00154406
	7.81696e-005	-0.00124213	-5.68963e-005	-0.000153776	-0.000541685	0.00142219
36	0.000472048	-0.0018326	-0.000357199	0.00111094	0.000911789	0.00100787
	0.000472048	-7.24892e-006	-6.3819e-005	-0.00260862	0.000413753	0.00140299
	5.0843e-005	-7.24892e-006	0.0012955	-0.00241986	0.00101146	-0.00133083
	5.0843e-005	-0.0018326	0.00100212	0.00200558	0.00450159	-0.00172596

Condizione "(1) Dinamica SLVh Y"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
47	0	0.00662537	0.00379415	0.000869884	0.00572958	0.0154458
	0	-0.00263282	0.00574109	-0.000242739	0.0067903	0.015449
	0.000721302	-0.00263282	0.00727878	-0.000695542	0.000966819	0.0151992
	0.000721302	0.00662537	0.00563145	-0.00119166	0.00229731	0.0152131
45	0.000101264	0.000730253	0.0055167	-0.00176731	-0.00303286	0.0145289
	0.000101264	-2.8477e-005	0.00567483	0.00200344	-0.00376212	0.0146112
	-0.00574509	-2.8477e-005	0.00507447	0.00252202	-0.00302098	0.0169988
	-0.00574509	0.000730253	0.00491367	-0.00208494	-0.00618744	0.016922

Condizione "(1) Dinamica SLVh X"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
47	0	0.00327008	-0.00105499	0.00100799	-0.00573896	-0.00331691
	0	0.0023833	0.0010223	0.000224119	-0.00751203	0.00330679
	-0.000223031	0.0023833	-0.000863055	0.00125424	0.00197828	-0.00349433
	-0.000223031	0.00327008	-0.00193618	0.00113907	0.00145799	-0.00359618
45	-0.000163664	0.000556475	-0.000467334	0.00172564	0.00314238	0.00321649
	-0.000163664	0.000103568	-0.000523629	0.0024733	0.00442066	0.00304057
	-0.0049346	0.000103568	0.00035439	0.00089138	-0.00361855	0.00354145
	-0.0049346	0.000556475	0.000282609	0.000724592	-0.00283849	0.00372836

Condizione "(1) Dinamica SLDh Y"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
47	0	0.00526781	0.00310629	0.000624948	-0.00415075	0.0126512
	0	-0.00189495	0.00472236	-0.000168957	-0.00488656	0.0126508
	0.000586948	-0.00189495	0.00599357	-0.00051512	0.000699152	0.0124416
	0.000586948	0.00526781	0.00456733	0.00086917	0.00183253	0.0124528
45	7.23773e-005	0.000550409	0.00454652	-0.00126723	0.00220763	0.0118915
	7.23773e-005	-1.99369e-005	0.00467549	0.00144253	-0.00271118	0.0119705
	-0.00417612	-1.99369e-005	0.00418089	0.00203542	-0.00218623	0.0139251
	-0.00417612	0.000550409	0.00405103	-0.00169914	-0.00495334	0.0138494

Condizione "(1) Dinamica SLDh X"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)

47	0	0.00233777	-0.000664399	0.000633678	-0.003779	-0.00235673
	0	0.00170177	0.000652211	0.000151321	-0.00484232	0.00235851
	-0.000148485	0.00170177	-0.000559255	0.000624281	0.000957496	-0.00247981
	-0.000148485	0.00233777	-0.00135413	0.000735193	0.00080485	-0.00252623
45	-9.5945e-005	0.000395534	-0.000301333	0.00114633	0.00194584	0.00224475
	-9.5945e-005	5.75529e-005	-0.000350884	0.0014657	0.00270994	0.00216852
	-0.00353341	5.75529e-005	0.000230834	0.000624905	-0.00215938	0.00252609
	-0.00353341	0.000395534	0.000172736	0.000470854	-0.00179192	0.00261399

Condizione "(1) Peso proprio"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
47	0	-0.0151311	0.00276206	0.000440978	-0.00486845	0.00171925
	0	-0.0185723	0.00023297	-0.00110622	-0.00704148	-0.00082144
	0.00430813	-0.0185723	0.0012906	-0.00481879	7.04139e-005	-0.00155798
	0.00430813	-0.0151311	0.00381969	-0.00167161	-0.000817618	0.000982704
45	0.0036214	-0.00598456	0.00100515	-0.00339593	-0.00164861	-0.00419021
	0.0036214	-0.00813407	0.000134258	-0.00866529	-0.00250998	4.4104e-005
	-0.00431107	-0.00813407	-0.00039343	-0.00355435	-0.0323673	-0.00462257
	-0.00431107	-0.00598456	0.000477466	0.00268224	-0.0261647	-0.00885688

Condizione "(1) Peso portato"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
47	0	-0.0041597	0.00107165	-0.000352036	0.00018673	0.0027416
	0	-0.00518732	0.000179144	-0.000278271	0.000325474	0.00124507
	0.00232428	-0.00518732	7.46841e-005	-0.00306945	0.00102099	0.0015906
	0.00232428	-0.0041597	0.000967193	-0.000992029	0.000556917	0.00308713
45	0.00232729	-0.00423885	7.09416e-005	-0.00341013	-0.0014753	-0.00151409
	0.00232729	-0.0055036	-0.000216813	-0.00815884	-0.00267851	0.00252256
	-0.00302955	-0.0055036	-0.000725261	-0.00355086	-0.0329976	-0.00190695
	-0.00302955	-0.00423885	-0.000437506	0.00264868	-0.0274957	-0.00594359

Condizione "(1) Accidentale d'esercizio"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
47	0	-0.00072071	0.000129969	9.52634e-005	-0.000738874	0.00123737
	0	-0.000462652	-0.000143591	-9.44063e-005	-0.000874509	0.00110965
	0.000408781	-0.000462652	-5.80502e-005	-0.000216836	-0.000215391	0.0009339
	0.000408781	-0.00072071	0.00021551	-7.51354e-005	-4.44119e-005	0.00106162
45	0.000112717	-0.000149225	-0.000142556	-6.74257e-005	0.000132482	0.00078904
	0.000112717	-2.44578e-005	-0.000114569	-7.07819e-005	4.36724e-006	0.000839707
	-0.000107231	-2.44578e-005	-4.46804e-005	9.99813e-005	8.10925e-006	0.00101176
	-0.000107231	-0.000149225	-7.26674e-005	-0.000104302	-0.000380442	0.000961089

Condizione "(1) Accidentale neve"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
47	0	-0.00216084	0.000354745	-0.000396344	0.000761075	0.000539484
	0	-0.00235292	-0.000231735	7.6981e-005	0.00138954	-6.46398e-005
	0.000830796	-0.00235292	0.000163837	-0.00121078	0.000647936	0.000418797
	0.000830796	-0.00216084	0.000750316	-0.000493687	0.000432982	0.00102292
45	0.000789424	-0.00174416	0.000331445	-0.00168818	-0.000593763	-0.00101401
	0.000789424	-0.00225162	0.00019151	-0.00398324	-0.00102124	0.000866757
	0.00101764	-0.00225162	-0.000682464	-0.00208808	-0.0158251	-0.00138785
	0.00101764	-0.00174416	-0.00054253	0.00138657	-0.0128397	-0.00326861

Condizione "(1) Dinamica SLVh Y"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
51	0.00115512	-0.000764942	0.00429719	0.0021689	0.00184033	0.0161219
	0.00115512	-0.00300661	0.00334003	0.00438585	0.00159785	0.0152091
	0.00362375	-0.00300661	0.00177429	-0.00147684	0.00125248	0.0129235
	0.00362375	-0.000764942	0.00340884	0.00180897	0.00587162	0.0138478
50	0	-0.00263282	0.00571594	0.000253661	-0.00676131	0.0154623
	0	-0.00675878	0.00372611	-0.000918815	-0.00551375	0.015511
	-0.00073557	-0.00675878	0.00562229	0.00118535	-0.00231641	0.0152895
	-0.00073557	-0.00263282	0.00728401	0.000752376	-0.000979606	0.0152219
48	0.000103471	-2.8477e-005	0.00566707	-0.00200801	0.00374139	0.0146329
	0.000103471	-0.000764942	0.00543463	0.00165048	0.00283038	0.0145035
	0.00560535	-0.000764942	0.00483294	0.00201958	0.00606841	0.0168046
	0.00560535	-2.8477e-005	0.00506934	-0.00242462	0.00302905	0.0169283

Condizione "(1) Dinamica SLVh X"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
51	-0.000256691	0.000572675	0.00122829	0.00204422	0.00202176	-0.00370311
	-0.000256691	0.00226568	0.00259842	-0.00307564	-0.00134991	-0.0034948
	-0.00253688	0.00226568	0.00137555	-0.000580469	0.000802573	-0.00308826
	-0.00253688	0.000572675	-0.000348043	0.000799989	-0.00240227	-0.00333727
50	0	0.0023833	-0.00101079	0.000203019	-0.00750294	0.00338354
	0	0.00328279	0.000943208	0.00103028	-0.00575659	0.00343355
	-0.000276256	0.00328279	0.00185873	0.00112225	0.00145914	0.00351513
	-0.000276256	0.0023833	0.000851984	0.00124561	0.00197444	0.00336437
48	-0.000164096	0.000103568	0.000453661	0.00247769	0.00439324	0.00304033
	-0.000164096	0.000572675	0.000429392	0.00165042	0.00309889	-0.00334202
	-0.0048977	0.000572675	-0.000296813	0.00065757	-0.00295781	-0.00388003
	-0.0048977	0.000103568	-0.000391606	0.00095135	-0.00363551	0.00356711

Condizione "(1) Dinamica SLDh Y"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
51	0.000940548	-0.000572316	0.00350454	0.00156682	0.00131156	0.0132045
	0.000940548	-0.00226099	0.00249856	0.00338371	0.00117396	0.0124487
	0.00277227	-0.00226099	0.00133806	-0.00116976	0.000956462	0.0105775
	0.00277227	-0.000572316	0.00280858	0.00144394	0.00473654	0.0113401
50	0	-0.00189495	0.00469708	0.000175642	-0.00486589	0.0126617
	0	-0.00537442	0.00305941	-0.000660696	0.00400217	0.0126993
	-0.000598094	-0.00537442	0.00456975	-0.000867489	-0.0018575	0.0125049
	-0.000598094	-0.00189495	0.00599976	0.000563968	-0.000712196	0.0124552
48	7.39985e-005	-1.99369e-005	0.00466953	-0.0014456	0.00269512	0.0119887
	7.39985e-005	-0.000572316	0.00447906	0.0011812	-0.00205864	0.0118786
	0.00407444	-0.000572316	0.00398428	0.00164422	0.00487832	0.0137624
	0.00407444	-1.99369e-005	0.00417642	-0.00195898	0.00220341	0.0138691

Condizione "(1) Dinamica SLDh X"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
51	-0.000169674	0.00040638	0.000853108	0.00141577	0.00124617	-0.00258027
	-0.000169674	0.00161906	0.00184509	-0.00191746	-0.000957654	-0.00246848
	-0.00181369	0.00161906	0.000963294	-0.000417065	0.000560648	-0.00217327
	-0.00181369	0.00040638	-0.000202797	0.000559434	-0.00158791	-0.00231047
50	0	0.00170177	-0.000644456	-0.000137863	-0.0048398	0.00240823
	0	0.00234655	0.00057414	0.000649648	-0.00381167	0.00242758
	-0.00018627	0.00234655	0.00129149	0.000743584	0.000832936	0.00246088
	-0.00018627	0.00170177	0.000544287	0.000619303	0.000960508	0.00238751
48	9.76503e-005	5.75529e-005	0.000293255	0.00146997	0.00269342	0.00216843
	9.76503e-005	0.00040638	0.000265456	0.00111269	0.00193456	-0.00233498
	-0.0035075	0.00040638	-0.000185786	0.000416315	-0.00190437	-0.00272116
	-0.0035075	5.75529e-005	-0.000259638	0.000672409	-0.00217835	0.00254275

Condizione "(1) Peso proprio"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
51	0.00222354	-0.00628449	-0.000257303	-0.00269377	0.00403632	-0.000328307
	0.00222354	0.00269118	0.0011318	0.0165318	-0.00117633	-0.00418992
	-0.00392543	0.00269118	0.00294148	0.0105944	-0.00452237	0.00614828
	-0.00392543	-0.00628449	0.00155238	-0.00734464	-0.0248166	0.0100099
50	0	-0.0185723	0.000702239	-0.00097545	-0.00710423	-0.00263731
	0	-0.0167872	-0.00234031	0.000381812	-0.00572108	-0.00519811
	0.00457555	-0.0167872	-0.00335482	-0.00150569	5.94353e-005	-0.0044528
	0.00457555	-0.0185723	-0.00031227	-0.00495921	0.000142295	-0.001892

48	0.00342357	-0.00813407	4.03546e-006	-0.00874135	-0.00242689	-0.00298097
	0.00342357	-0.00628449	-0.000527022	-0.00305187	-0.000810434	0.0011905
	-0.00434544	-0.00628449	4.88577e-005	0.00263927	-0.0273778	0.0056526
	-0.00434544	-0.00813407	0.000579915	-0.00340945	-0.0325158	0.00148114

Condizione "(1) Peso portato"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
51	0.00183585	-0.00374165	-0.000115918	-0.0030157	0.00340181	0.00189432
	0.00183585	0.00437584	0.00158352	0.01546	-0.00123353	-0.00156617
	-0.00327567	0.00437584	0.0033435	0.0102431	-0.00451699	0.00839787
	-0.00327567	-0.00374165	0.00164406	-0.0072872	-0.0236881	0.0118584
50	0	-0.00518732	0.000114342	-2.1225e-005	0.000228046	0.000983813
	0	-0.00379103	-0.0006952	-0.000591406	-0.000577702	-0.000540112
	0.00260596	-0.00379103	-0.000949763	-0.00104402	0.000469902	-0.00127175
	0.00260596	-0.00518732	-0.000140221	-0.00306259	0.0009406	0.000252171
48	0.00229643	-0.0055036	-9.17761e-005	-0.00825886	-0.00254193	-0.000809377
	0.00229643	-0.00374165	-0.000473445	-0.00293904	-0.0012941	0.00311642
	-0.00316793	-0.00374165	0.00027504	0.00305344	-0.0264553	0.00816542
	-0.00316793	-0.0055036	0.000656709	-0.00387747	-0.0328503	0.00423962

Condizione "(1) Accidentale d'esercizio"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
51	0.000119958	0.0001948	-7.21343e-005	2.51169e-005	-0.000107583	0.00103374
	0.000119958	0.000384481	0.000290184	0.000124294	-0.000104265	0.00100424
	-0.000175311	0.000384481	0.000117326	-0.000131119	0.000162024	0.00081982
	-0.000175311	0.0001948	-0.000244993	0.000199648	0.000434376	0.000849318
50	0	-0.000462652	-3.91613e-005	-2.66649e-005	-0.000895349	0.00100403
	0	6.58785e-005	-4.75046e-005	1.27021e-005	-0.000809458	0.000867504
	0.000483712	6.58785e-005	-0.000340289	-0.000148488	-0.000331255	0.00088183
	0.000483712	-0.000462652	-0.000331946	-0.000178504	-0.000270356	0.00101836
48	0.000152883	-2.44578e-005	-9.76637e-005	-7.96849e-005	2.73608e-005	0.000878143
	0.000152883	0.0001948	-0.000213305	6.87963e-006	-9.67644e-005	0.000905732
	-0.000185677	0.0001948	-0.00018701	7.00876e-005	0.0004411	0.00103869
	-0.000185677	-2.44578e-005	-7.13689e-005	-6.99885e-005	0.000115709	0.0010111

Condizione "(1) Accidentale neve"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
51	0.000827926	-0.00174721	-0.00067558	-0.0016158	0.00193415	0.000336
	0.000827926	0.000739693	-0.000766242	0.00753404	-0.000137385	-0.00136048
	-0.000235792	0.000739693	0.00145119	0.0051205	-0.00219462	0.00355749
	-0.000235792	-0.00174721	0.00154185	-0.00385389	-0.0114406	0.00525397

50	0	-0.00235292	0.000269161	9.69633e-005	0.00137703	8.70947e-005
	0	-0.00228763	-0.000353104	-0.000402413	0.000689818	-0.000497634
	0.000824503	-0.00228763	-0.000781928	-0.000433497	0.000461914	-0.00100172
	0.000824503	-0.00235292	-0.000159663	-0.00121259	0.000654152	-0.000416995
48	0.00078191	-0.00225162	-0.000194943	-0.00403104	-0.000969936	-0.000803563
	0.00078191	-0.00174721	-0.000346937	-0.00151498	-0.000386607	0.00103812
	0.00104204	-0.00174721	0.000596451	0.00147116	-0.0127829	0.00342459
	0.00104204	-0.00225162	0.000748445	-0.00215055	-0.0158121	0.0015829

Condizione "(1) Dinamica SLVh Y"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
40	-0.0015605	-0.0119532	-0.00896014	-0.00829754	-0.0138544	0.021961
	-0.0015605	0.0103579	-0.0104671	0.00798184	0.00204432	0.0208442
	-0.000201667	0.0103579	0.00279077	-0.00255443	-0.00241355	0.0213811
	-0.000201667	-0.0119532	0.000840383	0.000508872	0.0121468	0.022493
39	-0.000201667	0.00428375	0.000848823	0.00549721	0.0157392	0.020391
	-0.000201667	0.00300313	0.00296199	-0.00622547	0.00434635	0.0200125
	-0.000691561	0.00300313	-0.00599955	-0.00620321	0.00689741	0.00486332
	-0.000691561	0.00428375	-0.00481909	0.00525203	0.0432158	0.00535351
43	0.00118453	0.0103579	0.00466473	0.00938607	0.00289249	0.0183322
	0.00118453	0.00358131	0.00585156	-0.00248196	0.00285595	0.0142508
	-0.00113172	0.00358131	0.00488209	0.00300349	-0.00247472	0.0147101
	-0.00113172	0.0103579	0.0037509	-0.00407841	-0.00288571	0.0188205
42	-0.00113172	0.00300313	0.00337092	-0.00450799	-0.00168244	0.0152006
	-0.00113172	0.000730253	0.00435604	-0.00235518	-0.00200799	0.0161767
	-0.00381605	0.000730253	0.00358373	-0.0016448	-0.0059771	0.0139708
	-0.00381605	0.00300313	0.00185787	0.0013786	-0.00123515	0.0129855

Condizione "(1) Dinamica SLVh X"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
40	-0.00142686	-0.0101476	-0.006294	0.00179521	-0.0035133	0.00458826
	-0.00142686	0.00600386	-0.00862562	-0.0022643	0.000463518	0.00437678
	-0.000211087	0.00600386	-0.0019027	-0.00197732	-0.00137521	0.00462815
	-0.000211087	-0.0101476	0.000790385	0.000665054	-0.00231455	0.00484905
39	-0.000211087	-0.00307265	0.000805461	0.00141025	-0.00305	0.00450168
	-0.000211087	0.00225921	-0.00195279	-0.0022006	-0.00114291	0.00437379
	0.000813291	0.00225921	-0.00530152	-0.00142213	0.00154506	0.00120678
	0.000813291	-0.00307265	-0.00280801	0.0011886	0.00946446	-0.00133963
43	-0.000420068	0.00600386	-0.00146631	-0.00328745	-0.000802707	-0.00397165
	-0.000420068	0.00140297	-0.00168497	0.00231729	0.00112322	-0.00332148
	-0.000232711	0.00140297	-0.00209215	0.00202245	0.00229755	-0.00324268

	-0.000232711	0.00600386	-0.00188613	-0.00315234	0.00163698	0.0040427
42	-0.000232711	0.00225921	-0.00269494	-0.0030419	-0.00137976	0.00337112
	-0.000232711	0.000556475	-0.00128697	0.0020938	0.00205478	0.00358514
	-0.00258659	0.000556475	0.000334673	0.000831315	-0.00227264	0.00316068
	-0.00258659	0.00225921	-0.00140834	-0.000599838	0.000871022	0.00290318

Condizione "(1) Dinamica SLDh Y"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
40	-0.00112462	-0.00874177	-0.0068422	-0.00679086	-0.0112066	0.0179827
	-0.00112462	0.00809966	-0.00772303	0.00648381	0.00160659	0.0170707
	-0.00014723	0.00809966	0.00212796	-0.00176801	-0.0018599	0.0175032
	-0.00014723	-0.00874177	0.000616389	0.000361846	0.00971106	0.0184152
39	-0.00014723	0.0032945	0.000620671	0.00448861	0.0127483	0.0166647
	-0.00014723	0.00226289	0.00228202	-0.00500057	0.00354879	0.0163752
	-0.000564164	0.00226289	-0.00435134	-0.00507115	0.00564586	0.00395047
	-0.000564164	0.0032945	-0.00377019	0.00429316	0.035324	0.00426569
43	0.000956875	0.00809966	0.00379286	0.00763793	0.00236895	0.0150205
	0.000956875	0.00288228	0.00476944	-0.00179585	0.00232888	0.0116731
	-0.00092176	0.00288228	0.00392234	0.00231824	-0.00187108	0.0120463
	-0.00092176	0.00809966	0.00298287	-0.00313028	-0.00227496	0.0154125
42	-0.00092176	0.00226289	0.00250503	-0.0034759	-0.00123803	0.0124372
	-0.00092176	0.000550409	0.0035495	-0.00170993	-0.00143496	0.0132419
	-0.0029159	0.000550409	0.00295365	-0.00131308	-0.00480569	0.0114305
	-0.0029159	0.00226289	0.00139548	0.00109683	-0.000930386	0.0106206

Condizione "(1) Dinamica SLDh X"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
40	-0.00101265	-0.00721959	-0.00446306	-0.00127516	-0.00250248	0.00326651
	-0.00101265	0.00427519	-0.00611711	-0.00147795	0.000326605	0.00311856
	-0.000129263	0.00427519	-0.00134102	-0.00111216	-0.000967698	0.00330138
	-0.000129263	-0.00721959	0.000555045	0.000379798	-0.00163982	0.00345697
39	-0.000129263	-0.00218468	0.000565099	0.00095516	-0.00216018	0.00321561
	-0.000129263	0.00161008	-0.00137901	-0.00134178	-0.000763236	0.00311082
	0.000521524	0.00161008	-0.00376318	-0.00100081	-0.00105026	0.000850376
	0.000521524	-0.00218468	-0.00199348	0.000845668	0.00675773	-0.000949884
43	-0.000293681	0.00427519	-0.00103481	-0.00203959	-0.000520898	-0.00280691
	-0.000293681	0.00100261	-0.00118155	0.00155026	0.000616677	-0.00232855
	-0.000148833	0.00100261	-0.00147784	0.00130616	0.00144122	-0.0023126
	-0.000148833	0.00427519	-0.00133587	-0.00177947	0.00115323	0.00288011
42	-0.000148833	0.00161008	-0.00191647	-0.0018658	-0.000976492	0.00238218

	-0.000148833	0.000395534	-0.000902188	0.00143201	0.00125424	0.00249481
	-0.00185158	0.000395534	0.000193033	0.000584606	-0.00147612	0.00218184
	-0.00185158	0.00161008	-0.000987379	-0.000426468	0.000611662	0.00204295

Condizione "(1) Peso proprio"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
40	-0.000922316	-0.0250516	-0.00130856	-0.00229321	-0.000495731	-0.00467493
	-0.000922316	0.00148852	-0.00139689	0.00658529	-0.0025411	-0.00370849
	0.000684634	0.00148852	-0.0013365	0.0117068	0.00180572	-0.00213803
	0.000684634	-0.0250516	-0.00124818	-0.00633889	-0.00588265	-0.00310448
39	0.000684634	-0.0161727	0.000398417	-0.0095971	-0.00902507	-0.00188312
	0.000684634	0.00349189	-0.00388002	0.0133693	6.91207e-005	-0.0034295
	0.000948785	0.00349189	-0.0044829	0.00569645	-0.00995105	0.00854311
	0.000948785	-0.0161727	-0.000204463	-0.0039083	-0.0381832	0.0100895
43	0.00224393	0.00148852	0.00154587	0.00757532	-0.00212767	-0.00183469
	0.00224393	-0.00872272	0.00215814	0.00198272	-0.000400644	0.000256166
	0.0023041	-0.00872272	0.000361534	0.00173003	0.000763789	0.00125272
	0.0023041	0.00148852	-0.000250737	0.0126218	0.000752191	-0.000838137
42	0.0023041	0.00349189	-0.00160052	0.0161815	-0.00154897	0.000728346
	0.0023041	-0.00598456	0.000534891	-0.00331771	0.00306373	-0.00291084
	-0.00391692	-0.00598456	-0.000775813	-0.00645261	-0.0236032	-0.0125138
	-0.00391692	0.00349189	-0.00291123	0.00969993	-0.00445435	-0.00887457

Condizione "(1) Peso portato"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
40	-0.000334389	-0.0115188	-0.000311916	-0.00190772	-0.000774671	-0.0015944
	-0.000334389	0.00187811	-0.000155506	0.00570995	-0.00224267	-0.000545797
	0.000676616	0.00187811	0.000337973	0.0108831	0.00186208	0.00094045
	0.000676616	-0.0115188	0.000181563	-0.0059135	-0.00494634	-0.000108157
39	0.000676616	-0.0112923	0.00121535	-0.00866351	-0.00755446	0.000908678
	0.000676616	0.00372522	-0.00164139	0.0122789	0.000369015	-0.000626412
	0.000535982	0.00372522	-0.00248658	0.00506817	-0.00859771	0.00953197
	0.000535982	-0.0112923	0.000370167	-0.00342236	-0.0323445	0.0110671
43	0.00122724	0.00187811	-9.42026e-005	0.00687564	-0.00126169	0.0012751
	0.00122724	-0.00302688	0.000155233	0.0013624	0.000372498	0.00334489
	0.00173212	-0.00302688	-0.000418407	0.0018188	0.000708302	0.00435088
	0.00173212	0.00187811	-0.000667842	0.0111647	0.000587399	0.0022811
42	0.00173212	0.00372522	-0.00111935	0.0151682	-0.00112325	0.00341629
	0.00173212	-0.00423885	-3.30568e-005	-0.00361151	0.00321989	0.000139528
	-0.00302364	-0.00423885	-0.00184265	-0.00723085	-0.0247819	-0.0100761

-0.00302364 0.00372522 -0.00292894 0.0101287 -0.00497516 -0.00679932

Condizione "(1) Accidentale d'esercizio"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
40	0.000180727	0.000515621	0.000436067	-0.000692041	-0.0010819	0.00121263
	0.000180727	-0.000415307	0.000520968	0.000931192	0.000137366	0.00117719
	-5.30741e-006	-0.000415307	-0.000108657	0.000265719	-0.000155007	0.00138147
	-5.30741e-006	0.000515621	-0.000193558	-6.60207e-005	0.000330251	0.00141691
39	-5.30741e-006	0.000439602	-0.000170605	0.000302314	0.000575769	0.00144742
	-5.30741e-006	-0.000192322	-4.61548e-005	-6.14283e-005	0.000329633	0.00127222
	-5.25532e-005	-0.000192322	0.000303447	-0.000310589	0.000367872	0.000385067
	-5.25532e-005	0.000439602	0.000178997	0.000326696	0.00288757	0.000560262
43	0.000282719	-0.000415307	0.000173186	0.00104127	0.000175623	0.00103153
	0.000282719	-0.000222103	0.000198965	-7.04156e-005	0.000214946	0.000752947
	4.47877e-005	-0.000222103	0.000108969	0.000190532	-5.76786e-005	0.000868592
	4.47877e-005	-0.000415307	8.31901e-005	0.000141599	-0.000220113	0.00114718
42	4.47877e-005	-0.000192322	0.000127186	0.000119575	9.16722e-005	0.000948868
	4.47877e-005	-0.000149225	-6.57046e-005	1.75962e-005	0.000174101	0.000905086
	-2.50102e-005	-0.000149225	-0.00012121	-0.000113701	-0.00041923	0.00074281
	-2.50102e-005	-0.000192322	7.1681e-005	0.000135178	-9.11606e-005	0.000786592

Condizione "(1) Accidentale neve"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
40	0.000272136	-0.00236536	0.0017837	-0.000301976	0.000768083	-0.0015235
	0.000272136	-0.000951663	0.00248002	0.00195705	-0.00110774	-0.000977447
	0.000236045	-0.000951663	0.000781039	0.00511641	0.00119762	-0.00040995
	0.000236045	-0.00236536	8.47163e-005	-0.00285346	-0.00271735	-0.000956007
39	0.000236045	-0.00647061	0.00138991	-0.00461789	-0.00423648	-0.00040155
	0.000236045	0.000769116	-0.000711481	0.00615986	-0.000273146	-0.00104293
	0.000720797	0.000769116	4.26581e-005	0.00299122	-0.0041299	0.00501713
	0.000720797	-0.00647061	0.00214405	-0.00227216	-0.0190597	0.00565852
43	0.000342533	-0.000951663	0.000129535	0.00256152	-0.000430986	-4.20179e-005
	0.000342533	-0.00140133	0.000452155	0.00041372	0.000170153	0.00130765
	0.000824525	-0.00140133	0.000555086	0.000831297	0.000545743	0.00192056
	0.000824525	-0.000951663	0.000232466	0.00523839	7.75736e-005	0.000570895
42	0.000824525	0.000769116	0.000669103	0.00740917	-0.000196119	0.00137558
	0.000824525	-0.00174416	0.000611209	-0.00188488	0.00170364	-0.000226628
	-0.000271529	-0.00174416	-0.00145956	-0.00365909	-0.0114952	-0.00510943
	-0.000271529	0.000769116	-0.00140166	0.00494955	-0.00220427	-0.00350722

Condizione "(1) Dinamica SLVh Y"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
26	0	0.046099	0.0146921	0.00336234	0.0134139	-0.000952483
	0	0.0194557	0.0175437	0.00407564	0.00306126	-0.000668717
	-0.00666786	0.0194557	-0.0136882	0.00183532	-0.00061449	-0.0036396
	-0.00666786	0.046099	0.0200933	0.000278146	-0.00467527	-0.00335743
41	0	-0.0446564	0.00772715	-0.00739205	-0.0824553	0.00270884
	0	0.0137249	0.0198731	0.00847362	-0.0161919	-0.00493278
	-0.0015605	0.0137249	-0.00312563	0.0122744	-0.00762542	0.0180837
	-0.0015605	-0.0446564	-0.0242494	-0.0140053	-0.0226416	0.0206496
39	-0.000201667	0.00428375	0.000848823	0.00549721	0.0157392	0.020391
	-0.000201667	0.00300313	0.00296199	-0.00622547	0.00434635	0.0200125
	-0.000691561	0.00300313	-0.00599955	-0.00620321	0.00689741	0.00486332
	-0.000691561	0.00428375	-0.00481909	0.00525203	0.0432158	0.00535351

Condizione "(1) Dinamica SLVh X"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
26	0	0.0648771	-0.0134564	-0.00429893	-0.0177447	-0.00252467
	0	-0.0316832	-0.0120872	0.0049814	-0.0046754	-0.00248427
	-0.00458275	-0.0316832	0.0148715	0.00112163	-0.00104197	-0.00374997
	-0.00458275	0.0648771	0.0168441	-0.000348704	-0.00507384	-0.00382393
41	0	-0.0378648	-0.00677	-0.00157369	-0.0170238	-0.00157642
	0	-0.0021488	0.0158429	0.00180471	0.00329589	-0.00205335
	-0.00142686	-0.0021488	0.0026076	-0.00290833	-0.00188432	-0.00388233
	-0.00142686	-0.0378648	-0.020037	-0.00294728	-0.00522028	0.00420275
39	-0.000211087	-0.00307265	0.000805461	0.00141025	-0.00305	0.00450168
	-0.000211087	0.00225921	-0.00195279	-0.0022006	-0.00114291	0.00437379
	0.000813291	0.00225921	-0.00530152	-0.00142213	0.00154506	0.00120678
	0.000813291	-0.00307265	-0.00280801	0.0011886	0.00946446	-0.00133963

Condizione "(1) Dinamica SLDh Y"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
26	0	0.0338965	0.0111643	-0.00258283	0.0101453	-0.000735746
	0	0.0141703	0.0139213	0.00314018	0.00222116	-0.000479745
	-0.0051696	0.0141703	-0.01044	0.00147811	-0.000441627	-0.00278489
	-0.0051696	0.0338965	-0.0156491	0.000199717	-0.00357021	-0.00253461
41	0	-0.0327083	0.00559052	-0.00604597	-0.0674553	-0.00201979
	0	0.0112749	0.0148739	0.00693491	-0.0132702	-0.00394864
	-0.00112462	0.0112749	-0.00232986	0.0100357	-0.00621132	0.0148082
	-0.00112462	-0.0327083	-0.0179307	-0.0114625	-0.0184756	0.0168937
39	-0.00014723	0.0032945	0.000620671	0.00448861	0.0127483	0.0166647
	-0.00014723	0.00226289	0.00228202	-0.00500057	0.00354879	0.0163752

	-0.000564164	0.00226289	-0.00435134	-0.00507115	0.00564586	0.00395047
	-0.000564164	0.0032945	-0.00377019	0.00429316	0.035324	0.00426569

Condizione "(1) Dinamica SLDh X"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
26	0	0.0441001	-0.00904013	-0.0026945	-0.0113428	-0.00165476
	0	-0.0212317	-0.00835049	0.00314151	-0.00311213	-0.00162243
	-0.00322119	-0.0212317	0.00980332	0.000735351	-0.000679615	-0.00229101
	-0.00322119	0.0441001	0.011653	-0.00023141	0.00317217	-0.00232554
41	0	-0.0269148	-0.00482356	-0.00112336	-0.0121607	-0.00112043
	0	-0.00153754	0.0112428	0.00128731	0.00234378	-0.00145766
	-0.00101265	-0.00153754	0.0018565	-0.00200696	-0.00130096	-0.00276387
	-0.00101265	-0.0269148	-0.014227	-0.00210198	-0.00372261	0.00299395
39	-0.000129263	-0.00218468	0.000565099	0.00095516	-0.00216018	0.00321561
	-0.000129263	0.00161008	-0.00137901	-0.00134178	-0.000763236	0.00311082
	0.000521524	0.00161008	-0.00376318	-0.00100081	-0.00105026	0.000850376
	0.000521524	-0.00218468	-0.00199348	0.000845668	0.00675773	-0.000949884

Condizione "(1) Peso proprio"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
26	0	-0.00463866	0.0171254	0.00572605	0.0235499	0.00337425
	0	0.00794935	-0.012313	-0.00726348	0.00575219	0.00233336
	-0.00610086	0.00794935	-0.0133062	-0.00445916	-0.000407504	-0.00463648
	-0.00610086	-0.00463866	0.0161322	0.000251641	-0.00733697	-0.0035956
41	0	-0.047854	-0.0113941	1.94065e-005	-0.00136102	-0.00592488
	0	-0.00202241	0.00929584	0.000818627	-0.00365574	-0.00381645
	-0.000922316	-0.00202241	0.00905411	0.00508301	0.00297524	-0.00332718
	-0.000922316	-0.047854	-0.0116358	-0.00189785	-0.00107753	-0.00543561
39	0.000684634	-0.0161727	0.000398417	-0.0095971	-0.00902507	-0.00188312
	0.000684634	0.00349189	-0.00388002	0.0133693	6.91207e-005	-0.0034295
	0.000948785	0.00349189	-0.0044829	0.00569645	-0.00995105	0.00854311
	0.000948785	-0.0161727	-0.000204463	-0.0039083	-0.0381832	0.0100895

Condizione "(1) Peso portato"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
26	0	-0.00390626	0.0146363	0.00186433	0.00896196	0.000608722
	0	0.0113878	-0.00817025	-0.00252577	0.00313614	0.000114169
	-0.00467052	0.0113878	-0.0121152	-0.00208236	-0.000388329	-0.00223889
	-0.00467052	-0.00390626	0.0106913	0.000152289	-0.00254497	-0.00174433
41	0	-0.0163557	-0.00315416	-0.000178307	-0.00319387	-0.00354284
	0	0.000810298	0.0047071	0.00091534	-0.00294757	-0.00173961

	-0.000334389	0.000810298	0.00367158	0.0044097	0.00207872	-0.000657092
	-0.000334389	-0.0163557	-0.00418968	-0.0016653	-0.00156473	-0.00246031
39	0.000676616	-0.0112923	0.00121535	-0.00866351	-0.00755446	0.000908678
	0.000676616	0.00372522	-0.00164139	0.0122789	0.000369015	-0.000626412
	0.000535982	0.00372522	-0.00248658	0.00506817	-0.00859771	0.00953197
	0.000535982	-0.0112923	0.000370167	-0.00342236	-0.0323445	0.0110671

Condizione "(1) Accidentale d'esercizio"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
26	0	-0.00959792	0.00669439	-2.07139e-005	0.000745475	-0.000133129
	0	0.0073967	-0.00278532	-5.72798e-005	0.000678884	-0.000211087
	-0.00161268	0.0073967	-0.00685851	-0.000319038	7.50998e-005	-0.000178587
	-0.00161268	-0.00959792	0.0026212	4.10664e-005	-4.21692e-005	-0.000100629
41	0	0.00282142	0.000597581	-0.000468574	-0.00526097	-0.000375653
	0	0.00110677	-0.00186742	0.000589123	-0.00133596	-0.000395144
	0.000180727	0.00110677	-0.000614813	0.00114056	-0.000311069	0.00107359
	0.000180727	0.00282142	0.00185019	-0.00104171	-0.00166352	0.00109308
39	-5.30741e-006	0.000439602	-0.000170605	0.000302314	0.000575769	0.00144742
	-5.30741e-006	-0.000192322	-4.61548e-005	-6.14283e-005	0.000329633	0.00127222
	-5.25532e-005	-0.000192322	0.000303447	-0.000310589	0.000367872	0.000385067
	-5.25532e-005	0.000439602	0.000178997	0.000326696	0.00288757	0.000560262

Condizione "(1) Accidentale neve"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
26	0	0.018269	-0.00229616	-0.00104191	-0.00427751	-0.000759432
	0	-0.01018	-0.00366401	0.00115982	-0.00114624	-0.000830451
	-0.000862268	-0.01018	0.00389782	5.22063e-005	-0.000447113	0.0003838
	-0.000862268	0.018269	0.00526566	-0.000116475	0.000790754	0.000454818
41	0	0.00455854	0.00111995	0.000427924	0.00374508	-0.000725722
	0	0.000261736	-0.00302437	-0.000171556	-0.000595131	0.000178536
	0.000272136	0.000261736	0.000382826	0.00106313	0.00142567	-0.000890242
	0.000272136	0.00455854	0.00452715	0.000199869	0.000925808	-0.0017945
39	0.000236045	-0.00647061	0.00138991	-0.00461789	-0.00423648	-0.00040155
	0.000236045	0.000769116	-0.000711481	0.00615986	-0.000273146	-0.00104293
	0.000720797	0.000769116	4.26581e-005	0.00299122	-0.0041299	0.00501713
	0.000720797	-0.00647061	0.00214405	-0.00227216	-0.0190597	0.00565852

Condizione "(1) Dinamica SLVh Y"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
28	-0.000545086	0.00991565	0.00408231	0.0018594	-0.00321214	-0.00260171
	-0.000545086	0.00407749	0.00494977	0.00174516	-0.00240461	-0.00213929

	0.00074783	0.00407749	0.00452084	-0.000634964	-0.0010213	-0.00265751
	0.00074783	0.00991565	0.00448253	0.00140517	0.000897397	-0.00311174
27	0.00074783	-0.00501709	0.00445778	0.00134698	-0.0027692	0.00246345
	0.00074783	0.00139526	0.00276976	0.00130369	-0.00122638	-0.00265876
	0.00484233	0.00139526	0.00280107	0.0022975	0.000918847	-0.00236094
	0.00484233	-0.00501709	0.0021376	-0.00123542	0.00129798	0.00211867
25	-0.00666786	0.0258857	-0.00402297	0.00134033	-0.000615749	-0.00417921
	-0.00666786	0.00991565	0.00834054	0.00102707	-0.00102363	-0.00336669
	-0.000484267	0.00991565	0.00436243	0.00137505	-0.00151399	-0.00287246
	-0.000484267	0.0258857	-0.000503565	0.000249202	-0.00182879	-0.00368541
24	-0.000484267	0.00897922	-0.000923629	-0.000322117	-0.00218888	0.00286114
	-0.000484267	-0.00501709	0.00518819	0.0012412	-0.000732083	0.00276019
	-0.002523	-0.00501709	0.00658622	-0.00179872	-0.00159978	0.00115466
	-0.002523	0.00897922	-0.00108188	0.00136931	0.00410199	0.00129248

Condizione "(1) Dinamica SLVh X"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
28	-0.00110205	-0.0138574	0.00537653	-0.00116359	-0.00415965	-0.00329633
	-0.00110205	-0.00512717	-0.00444908	0.00190449	-0.00286176	-0.00273392
	-0.000538051	-0.00512717	0.00422031	0.00175438	0.00177992	-0.00279867
	-0.000538051	-0.0138574	0.00594733	-0.00270966	0.00107881	0.00352883
27	-0.000538051	-0.00581924	0.00572889	-0.00315901	-0.0033541	0.0030573
	-0.000538051	-0.00165302	0.00255968	0.00258385	0.00191801	0.00360137
	0.00651354	-0.00165302	-0.0028502	0.00285533	-0.00155318	0.00400344
	0.00651354	-0.00581924	0.00241014	-0.00140543	0.00161256	0.00339964
25	-0.00458275	0.0344436	0.00705714	-0.00116879	-0.00138337	0.0047443
	-0.00458275	-0.0138574	0.0138151	0.000877338	0.00171633	-0.00375265
	0.000748009	-0.0138574	0.00586617	-0.00226625	-0.00247878	0.00332083
	0.000748009	0.0344436	-0.00133518	-0.000492204	-0.00219786	0.00438839
24	0.000748009	0.0104993	-0.000918979	-0.000538431	-0.00403398	0.00279227
	0.000748009	-0.00581924	0.00609997	-0.00228469	0.000816177	0.00352244
	-0.00182784	-0.00581924	0.00838885	-0.00322425	-0.00162056	0.00136861
	-0.00182784	0.0104993	0.00196952	0.00332319	0.00651711	0.000810806

Condizione "(1) Dinamica SLDh Y"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
28	-0.000397059	0.00738184	0.00293288	0.00147824	-0.00232897	-0.00196887
	-0.000397059	0.0029732	0.00356791	0.00125699	0.00179271	-0.0016208
	0.00057008	0.0029732	0.00326273	0.000335325	0.000665453	0.00206704
	0.00057008	0.00738184	0.00325924	0.000985028	0.000636236	0.00240626

27	0.00057008	0.00377902	0.00324401	0.000966596	-0.00201234	0.00191798
	0.00057008	0.00101477	0.00199303	0.00091444	0.000862125	0.00203165
	0.00353651	0.00101477	0.0022535	0.00173775	-0.000650573	0.0017757
	0.00353651	0.00377902	0.00159328	0.000975653	0.000933107	0.0016262
25	-0.0051696	0.0189659	-0.00300083	0.00104734	-0.000431861	-0.00319251
	-0.0051696	0.00738184	0.00607104	0.000831406	-0.000736016	-0.00257339
	-0.000379611	0.00738184	0.0031377	0.00104746	-0.00109117	0.00222944
	-0.000379611	0.0189659	-0.000361244	-0.000179441	-0.00130622	0.00284655
24	-0.000379611	0.00652916	-0.000670348	-0.00023236	-0.00153178	0.00225978
	-0.000379611	0.00377902	0.00373811	0.000895613	-0.000531274	0.00215156
	-0.00197182	0.00377902	0.00475346	-0.00131211	-0.00120091	0.000904385
	-0.00197182	0.00652916	-0.000819227	0.000980077	0.0032032	0.00104267

Condizione "(1) Dinamica SLDh X"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
28	-0.000735465	-0.00937202	0.00369102	-0.000645011	-0.00285623	-0.00193188
	-0.000735465	-0.00346698	-0.00317696	0.00116694	-0.00190561	-0.00158665
	-0.000368806	-0.00346698	0.00297651	0.000959605	0.000935888	-0.00166482
	-0.000368806	-0.00937202	0.00408431	-0.00167235	0.000705203	0.00212318
27	-0.000368806	-0.00396135	0.00394474	-0.00200331	-0.00231537	0.00180459
	-0.000368806	-0.00112351	0.00182863	0.0016617	0.00099486	0.00218403
	0.004456	-0.00112351	-0.00186894	0.00192145	-0.000810581	0.00248526
	0.004456	-0.00396135	0.00159468	-0.0009294	0.00111547	0.00206903
25	-0.00322119	0.0235608	0.00467739	-0.000721544	-0.000864398	0.00291704
	-0.00322119	-0.00937202	0.00926018	0.000502175	0.00114071	-0.00226431
	0.000477429	-0.00937202	0.00403055	-0.00144476	-0.00167391	0.00198096
	0.000477429	0.0235608	-0.000849592	-0.000260075	-0.00134995	0.00268123
24	0.000477429	0.00725109	-0.000643894	-0.00035059	-0.00254736	0.00166337
	0.000477429	-0.00396135	0.00424841	-0.00143359	0.000531067	0.00211176
	-0.00125224	-0.00396135	0.00578762	-0.0020783	-0.00108181	0.000776591
	-0.00125224	0.00725109	0.0012972	0.00215484	0.00393414	0.000454803

Condizione "(1) Peso proprio"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
28	0.00238822	-0.00268748	0.00349696	-0.00504552	-0.000347712	-0.00398595
	0.00238822	-0.00848891	0.00605096	0.00188856	-0.000436515	-0.00371039
	0.00228473	-0.00848891	0.00566184	-0.000282197	0.000420062	-0.00436284
	0.00228473	-0.00268748	0.00310784	-0.00224297	0.00146954	-0.0046384
27	0.00228473	-0.000955637	0.00178521	-0.00396958	0.000882046	-0.00366649
	0.00228473	-0.00456035	0.00285871	0.00220427	-0.000999526	-0.0032084
	-0.000435438	-0.00456035	-0.00065285	0.00405688	0.0107378	0.00127051

	-0.000435438	-0.000955637	-0.00172636	-0.00461169	0.00207639	0.00081242
25	-0.00610086	-0.00691222	0.000290816	-0.00305994	0.000528269	-0.00495058
	-0.00610086	-0.00268748	0.00149455	-0.00265319	0.000736246	-0.00472054
	0.00134644	-0.00268748	0.00215842	-0.00397381	-0.00066786	-0.00415263
	0.00134644	-0.00691222	0.000954693	-0.00114922	-0.00134544	-0.00438267
24	0.00134644	-0.00808292	0.0019293	-0.000615265	-0.00447196	-0.00433169
	0.00134644	-0.000955637	0.000720294	-0.00365593	-0.000722512	-0.0029962
	0.00178393	-0.000955637	-0.00111899	-0.00224307	0.00132551	-0.00380365
	0.00178393	-0.00808292	9.00136e-005	0.00192027	0.00616738	-0.00513913

Condizione "(1) Peso portato"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
28	0.00120982	0.0036702	0.0012397	-0.00258415	0.000620848	-0.00221437
	0.00120982	-0.00191346	0.00260981	0.00136144	0.000144307	-0.00256476
	0.00111449	-0.00191346	0.00177099	-0.000118939	0.00064172	-0.00299335
	0.00111449	0.0036702	0.000400876	-0.00190713	0.000912905	-0.00264296
27	0.00111449	0.00335303	-0.000694461	-0.00378162	0.00153237	-0.00211429
	0.00111449	-0.00240634	0.000989647	0.00203626	-0.000440218	-0.0018441
	-0.00207893	-0.00240634	0.000694082	0.00302626	0.011187	0.0027419
	-0.00207893	0.00335303	-0.000990027	-0.00405763	0.00227249	0.0024717
25	-0.00467052	-0.0074912	-0.000756838	-0.00134892	0.00016367	-0.00194772
	-0.00467052	0.0036702	-0.000566875	-0.0015801	0.000488155	-0.0025146
	0.00104994	0.0036702	0.00123953	-0.0030189	-0.000295094	-0.00209677
	0.00104994	-0.0074912	0.00104957	-0.00136429	-0.000622138	-0.00152989
24	0.00104994	-0.00958217	0.00142929	-0.00068136	-0.00509956	-0.00206535
	0.00104994	0.00335303	0.000120816	-0.00339316	-0.00048137	-0.000916283
	0.000858577	0.00335303	-0.00199349	-0.00312648	0.00249813	-0.00317824
	0.000858577	-0.00958217	-0.000685024	0.00244919	0.0101766	-0.0043273

Condizione "(1) Accidentale d'esercizio"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
28	0.000328542	0.00354789	-0.000810577	-0.000165539	0.00101174	0.000107514
	0.000328542	0.000749035	0.00024811	0.000450426	0.000595299	8.68061e-005
	-5.92948e-006	0.000749035	6.0374e-005	0.00015873	0.000307157	-2.02239e-005
	-5.92948e-006	0.00354789	-0.000998313	7.8679e-005	7.7444e-005	4.84255e-007
27	-5.92948e-006	0.00148778	-0.00101646	0.000205453	0.000633162	-3.96307e-006
	-5.92948e-006	0.000221923	0.000112936	-0.000139054	0.000312925	-0.000153463
	-0.00127178	0.000221923	0.000916191	-0.000662984	-0.000129329	-0.000307622
	-0.00127178	0.00148778	-0.000213206	0.000334332	-0.000216213	-0.000158122
25	-0.00161268	-0.00638642	-0.00113176	7.71237e-005	6.47019e-006	-0.000183313

	-0.00161268	0.00354789	-0.00248569	-0.000342594	-0.000252237	-5.31473e-005
	6.64674e-005	0.00354789	-0.000982986	0.000144746	0.000498712	3.69014e-005
	6.64674e-005	-0.00638642	0.000370947	-7.63138e-005	9.95898e-005	-9.32641e-005
24	6.64674e-005	-0.00242178	1.61836e-005	8.15351e-005	0.00045353	1.7394e-005
	6.64674e-005	0.00148778	-0.000902859	3.03403e-005	-0.000108309	-5.4119e-005
	2.09032e-005	0.00148778	-0.00149331	0.000422944	0.00035723	1.87406e-005
	2.09032e-005	-0.00242178	-0.00057427	-0.000522499	-0.000303183	9.02536e-005

Condizione "(1) Accidentale neve"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
28	-0.000196377	-0.0043965	0.00210937	-0.000266073	-0.00103152	5.80826e-005
	-0.000196377	-0.0022824	-6.66105e-005	9.09113e-005	-0.000874548	-0.000630106
	0.000302431	-0.0022824	-0.000292578	-0.000232161	-8.49212e-005	-0.000725995
	0.000302431	-0.0043965	0.0018834	-0.00152084	0.000239339	-3.78072e-005
27	0.000302431	0.000682156	0.0011669	-0.00326879	0.000224672	9.01028e-006
	0.000302431	-0.00163901	-0.000144765	0.0017841	-0.000547617	0.000508717
	0.0013038	-0.00163901	-0.000840904	0.00318542	0.00819189	0.0041523
	0.0013038	0.000682156	0.00047076	-0.00334963	0.00190423	0.00365259
25	-0.000862268	0.00655872	0.00266304	-0.000206533	-0.000491128	0.0012239
	-0.000862268	-0.0043965	0.0048835	-0.000330548	0.000933883	0.000180621
	0.000911068	-0.0043965	0.00238825	-0.0020632	-0.00126065	0.000318839
	0.000911068	0.00655872	0.000167787	-0.00115011	-5.11614e-005	0.00136211
24	0.000911068	-0.00441979	0.00165341	-0.000785579	-0.00580149	0.00029694
	0.000911068	0.000682156	0.00108391	-0.00247787	9.88731e-005	0.00130304
	0.00079772	0.000682156	0.00102981	-0.00428122	0.00164604	-0.00180497
	0.00079772	-0.00441979	0.00159931	0.00399232	0.0117513	-0.00281107

Condizione "(1) Dinamica SLVh Y"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
29	0	0.0194557	0.00321187	0.000726214	0.00911776	-0.00299046
	0	0.00574827	0.00343054	-0.000856899	0.00724202	0.0026539
	-0.000545086	0.00574827	0.00503935	0.00274283	0.00302194	0.00245072
	-0.000545086	0.0194557	0.00378044	0.00270339	0.00751333	-0.00283013

Condizione "(1) Dinamica SLVh X"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
29	0	-0.0316832	-0.00650009	0.00205225	-0.0109045	0.0031016
	0	-0.00528531	-0.00497515	-0.00155228	-0.0147373	0.00286502
	-0.00110205	-0.00528531	0.00475494	-0.00182242	-0.0037434	-0.00284622
	-0.00110205	-0.0316832	-0.00346756	0.00165633	-0.00639749	-0.00309573

Condizione "(1) Dinamica SLDh Y"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
29	0	0.0141703	0.00231498	0.000501825	0.00688892	0.00229826
	0	0.00424278	0.00249687	-0.000636241	0.00521698	0.00206385
	-0.000397059	0.00424278	0.00362659	-0.00212336	0.00225831	0.00187453
	-0.000397059	0.0141703	0.00274267	0.00217832	0.00587628	-0.00214147

Condizione "(1) Dinamica SLDh X"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
29	0	-0.0212317	-0.00429445	0.00132294	-0.00725322	0.00197654
	0	-0.00364531	-0.00326982	-0.00099229	-0.0097437	0.00179442
	-0.000735465	-0.00364531	0.00339873	-0.00126352	-0.00250456	-0.00164306
	-0.000735465	-0.0212317	-0.00244883	0.00110239	-0.00439635	-0.00184985

Condizione "(1) Peso proprio"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
29	0	0.00794935	0.0112643	-0.000431121	0.0105394	-0.00370576
	0	-0.0161541	0.0135704	-0.000746197	0.00659868	-0.0041605
	0.00238822	-0.0161541	0.00728457	0.00300312	-0.000775941	-0.0042629
	0.00238822	0.00794935	0.00497849	-0.00522305	-0.00453799	-0.00380816

Condizione "(1) Peso portato"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
29	0	0.0113878	0.00646406	0.000680291	0.00836543	-0.00126164
	0	-0.00389817	0.00602523	-0.00129447	0.00311489	-0.00120501
	0.00120982	-0.00389817	0.00271105	0.00177941	-4.19049e-005	-0.00237039
	0.00120982	0.0113878	0.00314988	-0.00226374	-0.00325927	-0.00242703

Condizione "(1) Accidentale d'esercizio"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
29	0	0.0073967	0.00184513	-3.94593e-005	0.00457239	-0.000290166
	0	0.000271994	0.00148339	-0.00015706	0.00333139	3.26764e-005
	0.000328542	0.000271994	-8.59389e-005	0.000933282	0.000728122	0.000160685
	0.000328542	0.0073967	0.0002758	-0.000389605	-0.000736205	-0.000162158

Condizione "(1) Accidentale neve"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
29	0	-0.01018	-0.00143674	0.000721605	-0.00284482	0.000703282
	0	-0.00222668	-0.000718663	-0.00058101	-0.00473486	0.000601016
	-0.000196377	-0.00222668	0.000971416	-0.000301169	-0.001479	-0.000307271
	-0.000196377	-0.01018	0.000253344	0.000207291	-0.00178441	-0.000205004

Condizione "(1) Dinamica SLVh Y"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
33	0.00118839	0.0014253	0.00345735	0.00262586	-0.00115701	0.00248426
	0.00118839	-0.00120487	0.00454779	0.00268066	0.00171652	0.00205815

	0.0208643	-0.00120487	0.00483597	0.0079089	0.00225218	0.0029475
	0.0208643	0.0014253	0.00360671	0.000620163	0.000787612	0.00347993
35	0	0.00156686	0.00544097	0.000701411	-0.005967	0.00187606
	0	-0.00368316	0.00389381	-0.000835496	-0.00472409	0.00152779
	0.00110354	-0.00368316	0.00429397	0.000642724	0.0016199	0.00197588
	0.00110354	0.00156686	0.00597633	-0.000843139	-0.00216946	0.00237215
30	0.00150261	0.00139526	0.00368323	0.0011441	-0.00101474	-0.00247805
	0.00150261	0.0014253	0.00416797	0.00183551	-0.00113419	0.00259946
	0.0107362	0.0014253	0.00239724	0.00309438	0.000770566	0.00303233
	0.0107362	0.00139526	0.00295178	0.00056379	0.00103181	0.00289917

Condizione "(1) Dinamica SLVh X"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
33	0.00111139	0.00127432	-0.00353633	0.00352169	0.00384814	0.00382711
	0.00111139	0.00150168	-0.00445791	0.00328719	0.00212025	0.0035769
	0.019687	0.00150168	0.00433416	0.00731495	0.004289	0.00436283
	0.019687	0.00127432	0.00324738	0.000887232	-0.00161758	0.0046419
35	0	0.00219936	0.00507815	-0.00119658	-0.0143238	-0.00219243
	0	0.00278166	0.00432006	0.00194555	-0.0109581	-0.002002
	-0.00168882	0.00278166	0.00373079	0.00103394	-0.00223569	0.00302332
	-0.00168882	0.00219936	0.00512185	-0.00106531	-0.00344455	0.00334355
30	0.00127307	-0.00165302	-0.00363681	0.00191259	0.00286116	0.00355828
	0.00127307	0.00127432	-0.00382969	0.00283268	0.00367827	0.00343573
	0.0128505	0.00127432	-0.00184298	0.00376897	-0.00156988	0.00440753
	0.0128505	-0.00165302	-0.0028258	0.000665612	-0.00177118	0.00453818

Condizione "(1) Dinamica SLDh Y"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
33	0.000853526	0.00107681	0.00251318	0.0019668	0.000643978	0.00184812
	0.000853526	-0.000940161	0.00327476	0.0020182	0.00124097	0.00148731
	0.0157997	-0.000940161	0.00349133	0.00604514	0.00153603	0.00215551
	0.0157997	0.00107681	0.002594	0.000448814	0.000426166	0.00259538
35	0	0.00116316	0.00395696	0.000509881	-0.00420059	0.00148737
	0	-0.00288145	0.00282104	0.000586605	-0.00334881	0.00121556
	0.000842948	-0.00288145	0.00311908	0.0004576	0.00114369	0.00151891
	0.000842948	0.00116316	0.00435219	-0.000598463	0.00152607	0.00182766
30	0.00110854	0.00101477	0.0026567	0.000813246	0.000583872	0.00187836
	0.00110854	0.00107681	0.00300048	0.00134256	0.000605916	0.00196026
	0.00803147	0.00107681	0.0019327	0.00236107	0.000409897	0.00228105
	0.00803147	0.00101477	0.00239007	0.000407787	-0.000710739	0.00218922

Condizione "(1) Dinamica SLDh X"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
33	0.000784265	0.000853888	-0.00242455	0.0022663	0.00228924	0.00243473
	0.000784265	0.00100078	-0.00306707	0.00217505	0.00109789	0.00226176
	0.013458	0.00100078	0.00306421	0.00494715	0.00265758	0.00273219
	0.013458	0.000853888	0.00231563	0.000495179	-0.000729993	0.00293465
35	0	0.00136454	0.003497	-0.000791927	-0.00937914	-0.00125905
	0	0.00189948	0.00280854	0.00126797	-0.00720862	-0.00113481
	-0.00112628	0.00189948	0.00263555	0.000655369	-0.00145682	0.00181399
	-0.00112628	0.00136454	0.00367273	-0.000600973	-0.00222025	0.00204269
30	0.000895411	-0.00112351	-0.00252672	0.00119217	0.0015981	0.00219732
	0.000895411	0.000853888	-0.0026845	0.00176231	0.00213094	0.0021574
	0.0087908	0.000853888	-0.00120494	0.00252864	-0.000687119	0.0027877
	0.0087908	-0.00112351	-0.00184128	0.000407514	-0.000904732	0.00283261

Condizione "(1) Peso proprio"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
33	0.00405134	-0.00540303	0.000395396	0.00406482	-0.000811576	-0.00238981
	0.00405134	-0.00749076	-0.000288805	0.0022652	0.00384953	-0.00252823
	0.0160544	-0.00749076	-0.000656897	0.00276014	-0.000937766	-0.00819151
	0.0160544	-0.00540303	2.73046e-005	0.00320412	0.012296	-0.00805309
35	0	-0.0251489	0.00187253	0.000327712	0.00209016	-0.00259527
	0	-0.023429	-0.00422082	0.000171852	0.00218848	-0.00137882
	0.00470955	-0.023429	-0.00683032	0.00134623	0.00137438	-0.00153367
	0.00470955	-0.0251489	-0.000736969	0.00194233	0.00174285	-0.00275011
30	0.00424633	-0.00456035	0.00321108	0.00307689	0.000580011	-0.00188632
	0.00424633	-0.00540303	0.002569	0.00413113	-0.000388773	-0.00371654
	0.00551902	-0.00540303	-0.0012868	0.00318619	0.0136394	-0.00317938
	0.00551902	-0.00456035	-0.000644712	-0.000814487	0.0118575	-0.00134916

Condizione "(1) Peso portato"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
33	0.00260394	-0.00372719	0.000430025	0.00226444	-0.000648422	-0.00129286
	0.00260394	-0.0058547	-0.000578063	0.00035694	0.00545902	-0.00214031
	0.000165106	-0.0058547	-0.00212134	-0.00415156	-0.00042489	-0.00742505
	0.000165106	-0.00372719	-0.00111325	0.00453356	0.0136822	-0.0065776
35	0	-0.00965272	0.00177172	5.98635e-006	-0.00155884	-0.00130937
	0	-0.00976078	-0.00133666	0.000285679	-0.000900187	-0.00101093
	0.00275376	-0.00976078	-0.00396574	0.000288991	0.000402362	-0.000838792
	0.00275376	-0.00965272	-0.000857358	0.000686913	0.000760695	-0.00113723

30	0.00206157	-0.00240634	0.00134821	0.00254197	0.000915118	-0.000681366
	0.00206157	-0.00372719	0.000630607	0.00301423	-0.000133531	-0.00256336
	-0.000791581	-0.00372719	0.000110252	0.00119962	0.0151005	-0.00156376
	-0.000791581	-0.00240634	0.000827851	-0.00061657	0.0125387	0.000318237

Condizione "(1) Accidentale d'esercizio"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
33	0.000340635	-0.000489417	0.000234251	-0.000664119	-7.26126e-005	-0.000628984
	0.000340635	-0.000667471	-0.0002181	-0.000739022	0.000912582	-0.000821461
	-0.00506213	-0.000667471	-0.000925253	-0.00229463	-0.00150932	-0.000908245
	-0.00506213	-0.000489417	-0.000472902	0.000382874	-0.000392753	-0.000715768
35	0	-0.00157683	0.000515442	0.000301726	0.00137443	0.000364286
	0	-0.00242382	0.000215245	-0.0003744	0.000686655	0.000266046
	0.000818738	-0.00242382	-0.000780121	-0.000306098	0.000545248	-0.000310139
	0.000818738	-0.00157683	-0.000479924	8.18509e-006	0.0008627	-0.000211899
30	-3.77016e-006	0.000221923	0.000376729	-3.74329e-005	0.000127687	-0.000276166
	-3.77016e-006	-0.000489417	-7.2195e-005	-0.000367357	2.93273e-005	-0.000428477
	-0.00277005	-0.000489417	0.000507902	-0.000948203	-0.000240881	-0.000545413
	-0.00277005	0.000221923	0.000956826	0.000140934	-0.000162231	-0.000393103

Condizione "(1) Accidentale neve"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
33	0.000617036	-0.00152365	-0.000547159	0.00260207	2.72864e-005	0.00157512
	0.000617036	-0.0018326	-0.000529388	0.00106216	0.00215775	0.000677997
	0.0021454	-0.0018326	0.000116954	-0.00205053	0.00588078	-0.00205311
	0.0021454	-0.00152365	9.91842e-005	0.00334412	0.0121454	-0.00115599
35	0	-0.00145875	-8.67519e-005	-0.000490632	-0.0046892	-2.3292e-005
	0	-0.00124213	-0.000443217	0.000775305	-0.00328457	9.24204e-005
	-9.54832e-005	-0.00124213	5.18745e-005	0.000306662	-0.00103613	0.00120291
	-9.54832e-005	-0.00145875	0.00040834	0.000243311	-0.00156891	0.0010872
30	0.000631233	-0.00163901	-0.00083332	0.0017638	0.000788667	0.0013569
	0.000631233	-0.00152365	-0.00039652	0.00279708	0.000166264	0.000259815
	0.00337336	-0.00152365	-7.01063e-005	0.00211946	0.0125515	0.00189703
	0.00337336	-0.00163901	-0.000506906	-0.000457615	0.00945083	0.00299412

Condizione "(1) Dinamica SLVh Y"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
11	-0.0105304	0.00388958	0.00328517	-0.00307506	-0.000687638	0.00152417
	-0.0105304	-0.00122788	-0.00110613	0.00435524	0.00236406	0.000873726
	0.00496732	-0.00122788	-0.00293913	0.00116956	-0.00222196	0.00141508
	0.00496732	0.00388958	-0.00470743	-0.000360284	-0.00219653	0.00196649

12	0.0317631	0.00415193	0.00526107	0.0053079	-0.00326721	-0.000261875
	0.0317631	0.00388958	0.010346	-0.00368755	-0.000628995	0.00130722
	0.0129512	0.00388958	0.00150633	-0.000673088	-0.00260385	-0.00171334
	0.0129512	0.00415193	0.00481853	0.00102078	0.00280657	-0.000882594
16	-0.0092886	-0.0159946	0.0086651	0.0026466	-0.00474185	0.00129068
	-0.0092886	0.00415193	0.0073617	0.0012087	-0.00282207	-0.000512362
	0.00740237	0.00415193	0.00599216	0.00175761	0.00204208	-0.00207474
	0.00740237	-0.0159946	0.00765672	-0.00174467	0.00168065	0.00340145
15	0.00740237	-0.035295	0.00769022	-0.00185457	-0.00113046	-0.00335625
	0.00740237	0.0208643	-0.00479475	-0.0022448	-0.00227315	-0.00338999
	-0.00211092	0.0208643	-0.0116139	-0.000815362	0.000788907	-0.00349494
	-0.00211092	-0.035295	0.00127361	-0.00178314	-0.00164517	-0.00347322
14	-0.00211092	-0.0197788	-0.00368753	-0.00153595	-0.000838674	-0.00352267
	-0.00211092	0.0107362	-0.00660329	-0.000885581	-0.00105263	-0.00328888
	0.00034756	0.0107362	-0.00362712	-0.000772716	0.00154783	-0.0027442
	0.00034756	-0.0197788	0.00120455	0.0019848	-0.00111572	-0.00300299

Condizione "(1) Dinamica SLVh X"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
11	0.01081	-0.00323471	0.00265248	-0.00638556	0.00117516	0.00308584
	0.01081	-0.00123792	-0.000824706	0.010024	0.00535108	0.00149368
	-0.00454564	-0.00123792	-0.00227606	0.00187303	-0.00444223	0.00194461
	-0.00454564	-0.00323471	-0.00331535	-0.000366558	-0.00237278	0.00387182
12	0.0256859	0.00368542	0.00458771	-0.00887031	-0.00508273	0.000944145
	0.0256859	-0.00323471	0.00858733	0.00543892	0.00114041	0.0028785
	-0.0104604	-0.00323471	-0.00165871	0.000577593	0.00284774	0.00307669
	-0.0104604	0.00368542	-0.00439061	-0.00161839	0.00398592	0.00123479
16	-0.00702073	-0.014383	0.00807984	0.00256845	0.00583531	-0.00133882
	-0.00702073	0.00368542	0.00677039	-0.00154381	-0.002505	0.000484828
	0.00640444	0.00368542	0.00570812	0.00236897	0.00216588	-0.00250948
	0.00640444	-0.014383	0.00731202	0.00196714	0.00118882	-0.00372461
15	0.00640444	-0.0334196	0.00740153	0.00188057	0.00167302	-0.00357675
	0.00640444	0.019687	0.00347649	0.00257705	-0.00207667	-0.00425666
	0.00162915	0.019687	-0.00930252	0.00141705	-0.000625197	-0.00512894
	0.00162915	-0.0334196	0.00106821	0.00189977	0.00129279	-0.0043977
14	0.00162915	-0.0225764	-0.0023085	0.00199393	0.00103699	-0.00475865
	0.00162915	0.0128505	-0.00547782	0.00138676	0.000592949	-0.00464874
	0.000800193	0.0128505	-0.00356348	0.00113805	-0.00135318	-0.0047289
	0.000800193	-0.0225764	-0.0011717	0.00163554	-0.00107135	-0.00484703

Condizione "(1) Dinamica SLDh Y"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
11	-0.00858111	0.00307525	0.00249937	-0.00216387	-0.000477044	0.00109502
	-0.00858111	-0.000886666	-0.00083346	0.00310635	-0.00174299	0.000601559
	0.00400429	-0.000886666	-0.00235334	0.000906007	0.00168546	0.000971658
	0.00400429	0.00307525	-0.00374522	-0.000263725	-0.00144764	0.00140308
12	-0.0250503	0.0031069	0.0038632	0.00373552	-0.00236089	-0.000142341
	-0.0250503	0.00307525	0.00784329	-0.00253054	-0.000440793	0.000941129
	0.0102761	0.00307525	0.00108433	-0.000472741	-0.0017336	-0.00121133
	0.0102761	0.0031069	0.00387431	0.000743915	0.00202214	-0.000562828
16	-0.00715653	-0.0123693	0.00655369	-0.00199772	-0.00344452	0.000920083
	-0.00715653	0.0031069	-0.0057826	0.000874617	-0.00208695	-0.000362334
	0.00568772	0.0031069	0.00461814	0.00126069	0.00149579	-0.00154901
	0.00568772	-0.0123693	0.00567289	-0.00129001	0.00133564	0.00252328
15	0.00568772	-0.0270528	0.00574039	-0.00142743	-0.000863377	-0.00253335
	0.00568772	0.0157997	-0.00371061	0.00163432	-0.00167426	-0.0025053
	-0.00161231	0.0157997	-0.00895386	-0.000495017	0.000621258	-0.00260514
	-0.00161231	-0.0270528	0.000966585	-0.00128474	0.00126821	-0.00264274
14	-0.00161231	-0.0148804	0.00292355	-0.00111807	-0.000581835	-0.00268891
	-0.00161231	0.00803147	-0.00515242	0.000566536	-0.000851758	-0.00247643
	0.000251037	0.00803147	0.00285681	0.000545909	0.00122516	-0.0020762
	0.000251037	-0.0148804	0.000951734	0.001507	-0.000797375	-0.00230946

Condizione "(1) Dinamica SLDh X"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
11	0.00594054	-0.0020381	0.00183431	-0.00395231	-0.00071628	0.00202163
	0.00594054	-0.000849988	0.000570629	0.00611991	0.00329326	0.0009651
	-0.00261024	-0.000849988	-0.00138224	0.00111574	-0.0027191	0.00132122
	-0.00261024	-0.0020381	0.00208411	-0.00022686	-0.00154336	0.00251234
12	0.0163113	0.00255151	0.00323906	-0.00572432	-0.00337911	0.000586401
	0.0163113	-0.0020381	0.00591216	0.00347177	0.00072186	0.00185228
	-0.00667657	-0.0020381	-0.00107025	0.000393582	-0.00184643	0.002005
	-0.00667657	0.00255151	-0.00268451	-0.00107423	0.00267383	0.000808201
16	-0.00486711	-0.00948131	0.005434	0.00177879	0.00365266	-0.000883904
	-0.00486711	0.00255151	0.00431632	-0.00101361	-0.00170932	0.0002898
	0.00422158	0.00255151	0.003769	0.00158603	0.0015061	-0.00153993
	0.00422158	-0.00948131	0.00505889	0.00133851	0.000778914	-0.0023344
15	0.00422158	-0.0224619	0.00505259	0.00127503	0.00106743	-0.00224694
	0.00422158	0.013458	0.00225943	0.00169004	-0.00143265	-0.00266435
	-0.00110537	0.013458	-0.00619343	0.000692164	-0.000391271	-0.00324335

	-0.00110537	-0.0224619	0.000744717	0.00132015	-0.000831909	-0.00278019
14	-0.00110537	-0.0153613	-0.00155124	0.00135599	-0.000622478	-0.00300204
	-0.00110537	0.0087908	-0.00357115	0.000664974	0.000354472	-0.00293493
	0.000516438	0.0087908	-0.00231997	0.000590214	-0.000902932	-0.00296071
	0.000516438	-0.0153613	-0.000769166	0.00112921	-0.00073025	-0.00303829

Condizione "(1) Peso proprio"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
11	0.0144712	-0.00407544	0.00193072	-0.00702161	-0.00588325	0.000851782
	0.0144712	-7.06665e-006	0.000308708	0.000952967	-0.000221359	0.00464946
	-0.00758664	-7.06665e-006	0.00458548	-0.00149486	0.000963926	0.0046735
	-0.00758664	-0.00407544	0.00620749	-0.00126914	0.00651527	0.00087583
12	0.0346731	0.00262756	0.00229445	0.0281955	0.00896922	-0.00159996
	0.0346731	-0.00407544	0.00726103	-0.0246211	-0.00599762	-0.00441391
	-0.0112667	-0.00407544	0.0013073	-0.00256992	0.00464477	-0.00547026
	-0.0112667	0.00262756	-0.00365928	0.00303583	-0.00649709	-0.0026563
16	-0.000474663	-0.0175575	0.00712649	-0.00306436	-0.0166685	0.00759877
	-0.000474663	0.00262756	0.00726943	0.000762806	-0.000525331	0.00103036
	0.00844125	0.00262756	0.00359793	-0.0172901	-0.000528715	0.00662474
	0.00844125	-0.0175575	0.00345499	0.000823603	0.00523783	0.0131931
15	0.00844125	-0.0265546	0.00540439	0.00360609	-0.000334812	0.0089721
	0.00844125	0.0160544	-0.00768998	-0.0206572	-0.00116949	0.0108236
	-0.00222109	0.0160544	-0.0120228	-0.0122573	0.00171688	0.00858334
	-0.00222109	-0.0265546	0.00107158	-0.000650718	0.0048869	0.00673179
14	-0.00222109	-0.00907932	-0.00282532	0.000562912	0.0056508	0.00299097
	-0.00222109	0.00551902	-0.00554614	-0.0118492	0.00203887	0.00405941
	-0.000165317	0.00551902	-0.00290695	-0.0114177	0.00102858	-0.000633919
	-0.000165317	-0.00907932	-0.000186128	0.00252226	0.00580627	-0.00170235

Condizione "(1) Peso portato"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
11	0.00363361	-0.000384084	-0.000636807	-0.00498047	-0.00534441	0.000467062
	0.00363361	0.000173661	-7.44426e-005	-0.000687347	-0.00250692	0.00449978
	-0.00297533	0.000173661	0.00142489	-0.000813666	0.00326238	0.00430065
	-0.00297533	-0.000384084	0.000862526	-0.00134498	0.00701522	0.000267933
12	0.00246942	-0.000414828	-0.000803781	0.0285356	0.0105263	-0.00149412
	0.00246942	-0.000384084	-0.000723937	-0.0239339	-0.00605085	-0.00441795
	0.000395199	-0.000384084	0.000231432	-0.0020927	0.00553781	-0.00524515
	0.000395199	-0.000414828	0.000151588	0.00346459	-0.00804402	-0.00232132
16	0.00348464	-0.00373822	0.000273904	-0.00425914	-0.0163609	0.00818224

	0.00348464	-0.000414828	0.000404608	0.00088631	0.00144752	0.001527
	0.00069856	-0.000414828	-0.00030978	-0.0188576	-0.00187863	0.00617837
	0.00069856	-0.00373822	-0.000440483	0.00113261	0.00730224	0.0128336
15	0.00069856	-0.00111038	0.000179994	0.0032685	0.00110526	0.0081462
	0.00069856	0.000165106	-0.00196194	-0.0218167	0.000613615	0.00984461
	-0.000792999	0.000165106	-0.00154218	-0.0141644	0.00223737	0.00728947
	-0.000792999	-0.00111038	0.00059975	-0.000583222	0.0063132	0.00559105
14	-0.000792999	0.00114304	-0.000170306	0.000840191	0.00655486	0.00111579
	-0.000792999	-0.000791581	5.44859e-005	-0.0138897	0.00137978	0.00248026
	-0.000619647	-0.000791581	-9.00832e-005	-0.0128607	0.00237158	-0.00259921
	-0.000619647	0.00114304	-0.000314875	0.00286445	0.00627637	-0.00396368

Condizione "(1) Accidentale d'esercizio"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
11	-0.00244981	0.00108662	-0.00095475	0.00124938	0.000127036	-0.000755217
	-0.00244981	3.18715e-005	-0.000313164	-0.00173174	-0.00167502	-0.000230441
	0.00108828	3.18715e-005	-0.00079909	9.01701e-005	0.00155182	-0.000308879
	0.00108828	0.00108662	-0.00144068	-0.000115882	0.000110338	-0.000833656
12	-0.00935295	-0.000859982	-0.00102697	0.00273501	0.00166888	-0.000160044
	-0.00935295	0.00108662	-0.0025636	-0.00160282	-0.000409161	-0.000686518
	0.00411389	0.00108662	-0.000188331	2.41256e-005	0.000215188	-0.000795293
	0.00411389	-0.000859982	0.00134829	0.000526477	-0.00146898	-0.000268818
16	0.00232256	0.00393385	-0.00238065	-0.00102935	-0.00116012	9.38056e-005
	0.00232256	-0.000859982	-0.00216714	0.000338994	0.000415019	4.6508e-005
	-0.00191217	-0.000859982	-0.00157591	-0.000592193	-0.000594271	0.000419603
	-0.00191217	0.00393385	-0.00178943	-0.000200161	0.000288837	0.000466901
15	-0.00191217	0.00927118	-0.00188013	-0.000173222	-9.77149e-005	0.000471566
	-0.00191217	-0.00506213	0.00109558	-0.000482993	0.000389599	0.000745792
	0.000561418	-0.00506213	0.0028452	0.000177288	0.000170063	0.000872675
	0.000561418	0.00927118	-0.000130512	-0.000219871	0.000430566	0.000598449
14	0.000561418	0.00539291	0.000753436	-4.00949e-005	0.00026921	0.00061905
	0.000561418	-0.00277005	0.00172282	0.000152853	-0.000149155	0.000611006
	1.98169e-005	-0.00277005	0.00109119	0.000173775	0.000374384	0.000439182
	1.98169e-005	0.00539291	0.00012181	-7.90164e-005	0.000263167	0.000447226

Condizione "(1) Accidentale neve"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
11	-0.00147482	0.000214116	9.84318e-005	-0.00296421	-0.00209742	0.00131333
	-0.00147482	0.000217364	0.000357997	0.00243288	0.000952619	0.00167771
	-0.000220146	0.000217364	-0.000251895	0.000240876	-0.000393798	0.00182801

	-0.000220146	0.000214116	-0.00051146	-0.000455133	0.00196535	0.00146363
12	-0.00264244	5.0843e-005	-0.000298891	0.00866401	0.00298597	0.00116111
	-0.00264244	0.000214116	-0.000407242	-0.0068638	-0.0018599	-3.27103e-005
	-7.56912e-005	0.000214116	-0.000212242	-0.000620783	0.00135722	-0.000334319
	-7.56912e-005	5.0843e-005	-0.000103892	0.00110221	-0.00239652	0.000859504
16	0.00070698	-0.00221017	0.000762711	-0.00236455	-0.0101424	0.00773703
	0.00070698	5.0843e-005	-0.000125284	-7.95923e-005	0.00142053	0.00209395
	-0.00168839	5.0843e-005	0.00088465	-0.0126422	-0.00129474	0.00355952
	-0.00168839	-0.00221017	0.00177264	-0.00197136	0.00754976	0.00920259
15	-0.00168839	-0.00577689	0.00104207	-0.00117337	0.00346398	0.00490068
	-0.00168839	0.0021454	0.00118678	-0.0152628	0.00106695	0.0044505
	-0.000946709	0.0021454	0.0005699	-0.0141302	0.00135946	0.00106183
	-0.000946709	-0.00577689	0.000425192	-0.00331324	0.0050199	0.001512
14	-0.000946709	-0.00740825	-5.04095e-006	-0.00282673	0.00514734	-0.00279904
	-0.000946709	0.00337336	0.000384453	-0.0140571	0.000702493	-0.00133166
	-0.00107838	0.00337336	-0.000585105	-0.0124669	0.00179952	-0.00539245
	-0.00107838	-0.00740825	-0.000974599	-0.00113337	0.0046136	-0.00685983

Condizione "(1) Dinamica SLVh Y"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
13	0.00034756	-0.00732016	0.0018155	0.00156342	-0.00131541	-0.00227227
	0.00034756	0.00484233	-0.00339029	-0.00105791	-0.000923558	-0.00263693
	-0.002523	0.00484233	-0.00441545	0.00188383	0.00131703	0.000721594
	-0.002523	-0.00732016	0.00229082	0.00194695	-0.00474076	0.000540248
17	-0.000691561	-0.00381605	0.00265776	0.00318013	-0.0112142	-0.00465273
	-0.000691561	0.00427868	0.00237269	-0.00319219	-0.0447715	-0.00569079
	-0.000860401	0.00427868	0.00232055	-0.00899689	-0.0172208	-0.0170082
	-0.000860401	-0.00381605	0.00247062	0.00803341	-0.00393776	-0.0159732
18	-0.000860401	-0.00574509	0.00158801	0.00676761	-0.000674397	-0.0175042
	-0.000860401	0.00656832	0.001985	-0.00704256	-0.0120854	-0.0174031
	0.000726079	0.00656832	0.00139932	-0.00226369	-0.00173271	-0.0201198
	0.000726079	-0.00574509	0.000902952	0.00216964	-0.00204944	-0.0202205
19	0.000726079	0.00560535	0.00100077	-0.00223986	0.00216136	-0.0201774
	0.000726079	-0.00638957	0.00142101	0.00241749	0.00215837	-0.0200567
	0.000899747	-0.00638957	0.00201982	0.00730955	0.0127698	-0.0171209
	0.000899747	0.00560535	0.00169106	-0.00690807	0.000826974	-0.0172424
21	0.000899747	0.00362375	0.00247801	-0.00798114	0.00406323	-0.0156605
	0.000899747	-0.00410429	0.00234639	0.00903197	0.0178964	-0.0167249
	0.000831705	-0.00410429	0.00236627	0.00308647	0.0450405	-0.00572436

	0.000831705	0.00362375	0.00261132	-0.00300475	0.0116071	-0.00465306

Condizione "(1) Dinamica SLVh X"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
13	0.000800193	-0.00984591	-0.00168006	-0.00200011	-0.00173375	-0.00494267
	0.000800193	0.00651354	-0.00433523	0.00126154	-0.000826654	-0.00439896
	-0.00182784	0.00651354	-0.00503668	0.00147446	-0.00217422	-0.00172073
	-0.00182784	-0.00984591	-0.0020101	0.00204799	-0.00811838	-0.00237773
17	0.000813291	-0.00258659	0.00213447	-0.000974757	-0.00243182	-0.00102902
	0.000813291	0.00267567	0.0016124	0.00103063	-0.00976784	-0.0012223
	-0.000701978	0.00267567	0.00126673	-0.00231381	-0.00380707	-0.0036126
	-0.000701978	-0.00258659	0.00178511	0.00219937	0.00120478	-0.00342616
18	-0.000701978	-0.0049346	0.00101757	0.00215158	-0.00032134	-0.00372086
	-0.000701978	0.00574763	0.000856833	-0.00213819	-0.00263724	-0.00370666
	-0.000772878	0.00574763	0.000167594	-0.00211794	0.000811928	-0.00429521
	-0.000772878	-0.0049346	0.000432017	0.00226656	0.000993397	-0.00430502
19	-0.000772878	-0.0048977	-0.000487412	0.00231097	0.000945099	0.0043648
	-0.000772878	0.00570421	-0.000315156	-0.00220728	0.000776	-0.00435711
	-0.000739161	0.00570421	-0.000981328	-0.00252622	0.00279111	-0.00372067
	-0.000739161	-0.0048977	-0.00109028	0.00238792	-0.000386123	0.00373385
21	-0.000739161	-0.00253688	-0.00185026	0.0024227	0.00118744	0.00350494
	-0.000739161	0.00275667	-0.00136791	-0.00269559	0.00397262	0.00383335
	0.000708196	0.00275667	-0.00167114	0.000979017	-0.0103689	0.00139553
	0.000708196	-0.00253688	-0.00216234	-0.000899324	-0.00268982	0.00106876

Condizione "(1) Dinamica SLDh Y"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
13	0.000251037	-0.00538598	0.00138816	0.00118657	-0.000943937	-0.00170714
	0.000251037	0.00353651	-0.00259027	0.000782064	-0.000719987	-0.00200389
	-0.00197182	0.00353651	-0.00335337	0.00150823	0.000963907	0.000522864
	-0.00197182	-0.00538598	0.00177961	0.00143855	-0.00361576	0.000390399
17	-0.000564164	-0.0029159	0.00196562	0.0025855	-0.00916611	-0.00379202
	-0.000564164	0.00325797	0.00181581	-0.00259346	-0.0365922	-0.00464076
	-0.000656822	0.00325797	0.0018251	-0.00733149	-0.0140802	-0.0139207
	-0.000656822	-0.0029159	0.00186752	0.00653739	-0.00321309	-0.0130768
18	-0.000656822	-0.00417612	0.00122858	0.0054921	-0.000541538	-0.014334
	-0.000656822	0.00474509	0.00158934	-0.00572126	-0.00988461	-0.0142497
	0.000522539	0.00474509	0.00115179	-0.00169002	-0.00140639	-0.0164736
	0.000522539	-0.00417612	0.000717917	0.00160623	-0.00164877	-0.0165578
19	0.000522539	0.00407444	0.000784413	-0.00167956	0.00173236	-0.0165255

	0.000522539	-0.00461717	0.00116448	0.00183554	0.00175159	-0.0164251
	0.000686516	-0.00461717	0.00161081	0.00595229	0.0104443	-0.0140226
	0.000686516	0.00407444	0.00129961	-0.00562033	0.000665578	-0.0141234
21	0.000686516	0.00277227	0.00187477	-0.00650568	0.00331266	-0.0128272
	0.000686516	-0.00314338	0.00183774	0.00737065	0.0146331	-0.0136981
	0.000671961	-0.00314338	0.00180534	0.00250237	0.0368272	-0.00467491
	0.000671961	0.00277227	0.00193288	-0.00243602	0.00949651	-0.00379657

Condizione "(1) Dinamica SLDh X"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
13	0.000516438	-0.00671418	-0.00115091	0.00133934	-0.00104142	-0.00312181
	0.000516438	0.004456	-0.00291828	0.000624929	-0.000516399	-0.00273744
	-0.00125224	0.004456	-0.00340977	0.000838405	-0.0014411	-0.00108129
	-0.00125224	-0.00671418	-0.0013776	0.00135609	-0.00498294	-0.00153145
17	0.000521524	-0.00185158	0.00151991	-0.000690479	-0.00170629	-0.000682121
	0.000521524	0.00190802	0.00114825	0.000738383	-0.00697414	-0.00086502
	-0.000486815	0.00190802	0.0009026	-0.00162809	-0.00271448	-0.00257597
	-0.000486815	-0.00185158	0.00127327	0.00148584	0.000795416	-0.00242296
18	-0.000486815	-0.00353341	0.000725004	0.00141427	-0.000220763	-0.00264753
	-0.000486815	0.00411551	0.000609129	-0.00149623	-0.0018743	-0.00264468
	-0.000536993	0.00411551	0.000112934	-0.00145549	0.000513217	-0.00306552
	-0.000536993	-0.00353341	0.000298338	0.00139397	0.000640575	-0.003067
19	-0.000536993	-0.0035075	-0.000346183	0.00143082	0.000603377	0.00310761
	-0.000536993	0.0040861	-0.000221875	-0.00151777	0.000491952	-0.00310446
	-0.000517958	0.0040861	-0.00069942	-0.00176181	0.00198811	-0.00264965
	-0.000517958	-0.0035075	-0.00078287	0.00159701	-0.000264621	0.00265487
21	-0.000517958	-0.00181369	-0.00132463	0.00165057	0.000783529	0.00247617
	-0.000517958	0.0019702	-0.000975755	-0.00188498	0.00283708	0.00271856
	0.000449443	0.0019702	-0.00119361	0.000690865	-0.00738156	0.00098226
	0.000449443	-0.00181369	-0.0015467	-0.000634754	-0.00189651	0.000716118

Condizione "(1) Peso proprio"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
13	-0.000165317	-0.00184327	-0.000845846	0.00161984	0.00931979	-0.0053104
	-0.000165317	-0.000435438	-0.00105982	-0.00948532	0.00096521	-0.00249399
	0.00178393	-0.000435438	-0.00116145	-0.000637822	0.000887057	-0.00394453
	0.00178393	-0.00184327	-0.000947482	-0.000925435	-0.00487459	-0.00676094
17	0.000948785	-0.00391692	0.00292966	-0.000818944	0.00134874	0.0146797
	0.000948785	0.000317341	0.00127555	0.000301576	0.0309172	0.0144657
	-0.000225054	0.000317341	0.0004249	-0.00901661	-0.0164451	0.017039

	-0.000225054	-0.00391692	0.00207901	0.00829151	0.00252357	0.0172529
18	-0.000225054	-0.00431107	0.00114234	0.0122281	-0.00779365	0.0156097
	-0.000225054	0.00403003	0.000399089	-0.0141627	-0.0255567	0.0155557
	-5.25743e-005	0.00403003	0.000157141	-0.0202561	-0.0357437	0.00348292
	-5.25743e-005	-0.00431107	0.000900396	0.018269	-0.00377685	0.00353695
19	-5.25743e-005	-0.00434544	-0.000341372	0.018433	-0.00445793	0.00013835
	-5.25743e-005	0.0043785	0.000170418	-0.0203883	-0.0360446	0.000357403
	-0.000158166	0.0043785	-0.000157119	-0.0148914	-0.0274079	-0.0121258
	-0.000158166	-0.00434544	-0.00066891	0.0131488	-0.00757425	-0.0123448
21	-0.000158166	-0.00392543	-0.00206083	0.009514	0.00156738	-0.0143451
	-0.000158166	0.00160478	0.000105355	-0.0102106	-0.0188678	-0.0139614
	0.00109241	0.00160478	-0.000732448	-0.000732844	0.0206087	-0.0138266
	0.00109241	-0.00392543	-0.00289863	0.000395334	-0.000402879	-0.0142103

Condizione "(1) Peso portato"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
13	-0.000619647	0.000673262	-0.000765845	0.00163694	0.0116304	-0.00778982
	-0.000619647	-0.00207893	0.000769075	-0.0104281	4.37542e-006	-0.00442108
	0.000858577	-0.00207893	0.00151191	0.00107417	0.0015159	-0.00441487
	0.000858577	0.000673262	-2.30071e-005	-0.00232718	-0.0101212	-0.0077836
17	0.000535982	-0.00302364	0.00193153	-5.82468e-005	-0.000427231	0.0139274
	0.000535982	0.000274807	0.000252514	-0.000379146	0.025063	0.0143945
	-0.000723938	0.000274807	-0.000402532	-0.0100941	-0.0197554	0.0151706
	-0.000723938	-0.00302364	0.00127648	0.0101103	0.00253774	0.0147035
18	-0.000723938	-0.00302955	0.000331247	0.014007	-0.0078729	0.0129273
	-0.000723938	0.00213533	1.29604e-005	-0.0148366	-0.0280462	0.0131016
	-0.00059415	0.00213533	-6.82667e-006	-0.0200345	-0.0370119	0.000262547
	-0.00059415	-0.00302955	0.00031146	0.0193742	-0.004299	8.82128e-005
19	-0.00059415	-0.00316793	-0.000550123	0.0191163	-0.00365478	-0.0031467
	-0.00059415	0.00199043	3.82585e-005	-0.0197094	-0.0366014	-0.00317952
	-0.000632949	0.00199043	-3.19511e-005	-0.0129435	-0.0255036	-0.0154088
	-0.000632949	-0.00316793	-0.000620333	0.0123185	-0.00807568	-0.015376
21	-0.000632949	-0.00327567	-0.00151523	0.00820248	0.00316828	-0.0169666
	-0.000632949	-0.000535853	0.000222521	-0.0079301	-0.0158279	-0.0175156
	0.0011031	-0.000535853	-0.000478658	0.000237452	0.0309771	-0.0149874
	0.0011031	-0.00327567	-0.00221641	-0.00047891	0.00117476	-0.0144383

Condizione "(1) Accidentale d'esercizio"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
13	1.98169e-005	0.00201451	0.000322258	-2.32473e-005	0.000348272	0.000491617

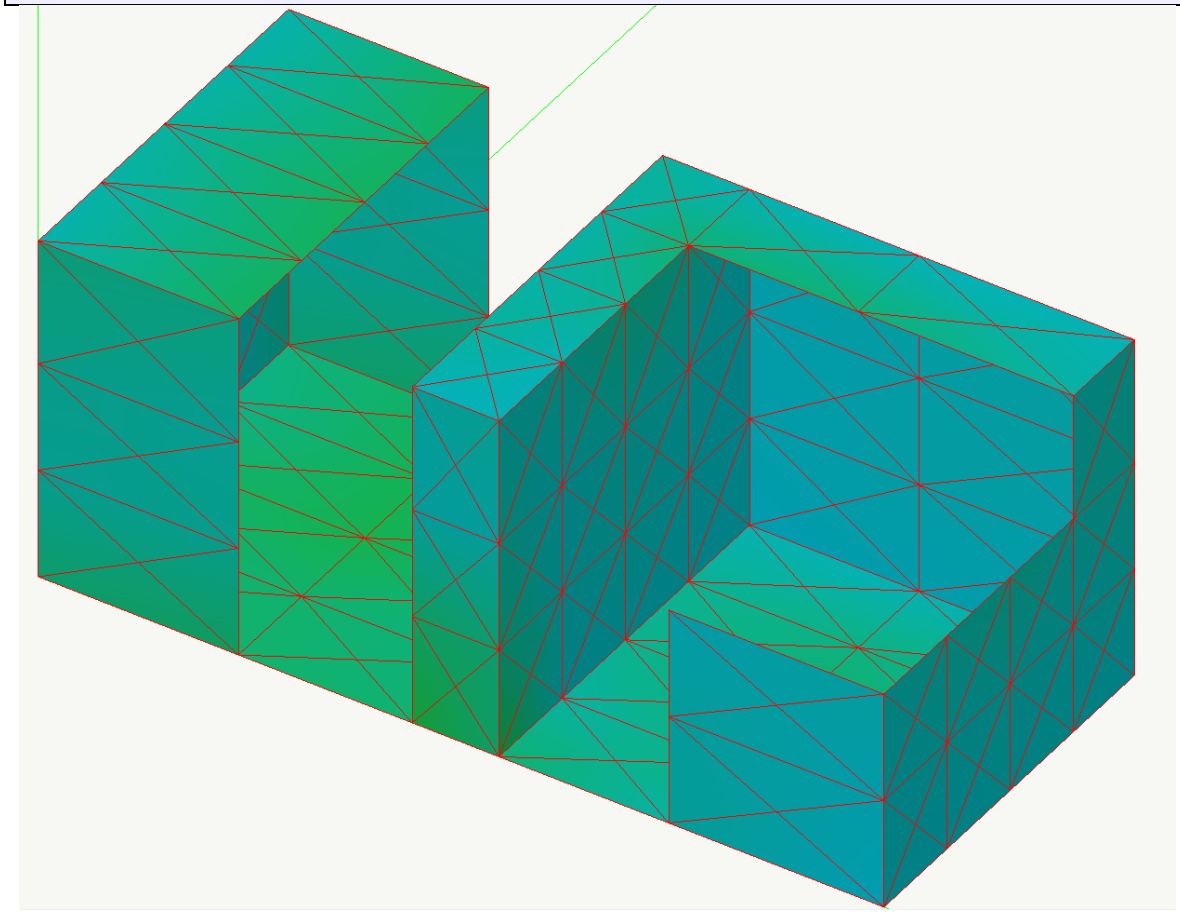
	1.98169e-005	-0.00127178	0.00103509	0.000108293	8.21325e-006	0.00036354
	2.09032e-005	-0.00127178	0.00122698	0.000190143	0.000444164	0.00013953
	2.09032e-005	0.00201451	0.000514142	-0.000391693	0.000504538	0.000267607
17	-5.25532e-005	-2.50102e-005	5.37044e-006	0.000308755	-0.000641621	-0.000144967
	-5.25532e-005	0.000446155	-9.1846e-005	-0.000289007	-0.00297311	-0.00015703
	1.94147e-005	0.000446155	-8.93155e-005	-0.000540776	-0.0011813	-0.000941109
	1.94147e-005	-2.50102e-005	7.90103e-006	0.00054881	-0.000283031	-0.000929046
18	1.94147e-005	-0.000107231	-0.00010996	0.000444372	3.49832e-005	-0.0010412
	1.94147e-005	0.000261952	-5.62565e-006	-0.000379449	-0.000820946	-0.00101942
	4.52146e-005	0.000261952	-2.54082e-005	6.30029e-005	-0.000179195	-0.0012082
	4.52146e-005	-0.000107231	-0.000129743	2.30708e-005	-0.000257509	-0.00122998
19	4.52146e-005	-0.000185677	-0.000143554	-0.000131916	0.000200311	-0.00125425
	4.52146e-005	9.06858e-005	-4.66737e-005	0.000243444	7.99187e-005	-0.00124127
	6.45232e-005	9.06858e-005	-6.76448e-005	0.000661075	0.000772157	-0.00105566
	6.45232e-005	-0.000185677	-0.000164525	-0.000536945	-0.000112822	-0.00106864
21	6.45232e-005	-0.000175311	-0.000114253	-0.000620031	0.00025811	-0.000986592
	6.45232e-005	-0.000346304	-0.000169182	0.000775478	0.00111614	-0.00108123
	0.000252486	-0.000346304	-0.000208521	0.000332245	0.00299433	-0.000319918
	0.000252486	-0.000175311	-0.000153593	-0.000265361	0.00059838	-0.000225283

Condizione "(1) Accidentale neve"

Elemento	Nx (kN)	Ny (kN)	Nxy (kN)	Mx (kNxm)	My (kNxm)	Mxy (kNxm)
13	-0.00107838	-0.00425566	-0.00167758	-0.00233153	0.00982428	-0.0106084
	-0.00107838	0.0013038	-0.00104448	-0.00958609	-0.00123248	-0.00599214
	0.00079772	0.0013038	-0.000387313	0.00139051	0.000392043	-0.003834
	0.00079772	-0.00425566	-0.00102041	-0.00297834	-0.0145225	-0.00845029
17	0.000720797	-0.000271529	9.51657e-005	0.000364644	-0.00114779	0.00672468
	0.000720797	-0.00167255	-0.000998675	0.000568754	0.0169951	0.010036
	-0.00101929	-0.00167255	-0.00113607	-0.00110924	-0.0104169	0.011136
	-0.00101929	-0.000271529	-4.22285e-005	0.00525816	0.00319483	0.0078247
18	-0.00101929	0.00101764	-0.000408449	0.0076508	-0.00495988	0.00725756
	-0.00101929	-0.00224686	-0.0003924	-0.00290664	-0.0143482	0.00810745
	-0.00102468	-0.00224686	-5.44205e-005	-0.00556458	-0.0202388	0.00138139
	-0.00102468	0.00101764	-7.04687e-005	0.011134	-0.00192143	0.00053151
19	-0.00102468	0.00104204	5.67268e-005	0.0110681	-0.00170609	-0.000879597
	-0.00102468	-0.00225442	4.01204e-005	-0.00551957	-0.0201611	-0.0018216
	-0.00105894	-0.00225442	0.000374836	-0.00262648	-0.0137472	-0.00841277
	-0.00105894	0.00104204	0.000391442	0.00726025	-0.00505205	-0.00747077
21	-0.00105894	-0.000235792	-1.52564e-005	0.00484041	0.003342	-0.00806725

-0.00105894	-0.00167155	0.00117757	-0.000834025	-0.00955528	-0.0113589
0.000609266	-0.00167155	0.00107511	0.000549838	0.0172596	-0.0101138
0.000609266	-0.000235792	-0.000117719	0.000376024	-0.000959793	-0.00682207

Verifica delle armature a flessione strutture in c.a.



Elemento	Vertice	Combinazione	Fattore di sicurezza minimo
57	1	18	5.02954
	2	6	3.95127
	3	6	6.04839
	4	18	12.2974
55	1	20	7.06894
	2	19	11.225
	3	20	6.39196

	4	20	5.56064
53	1	16	47.2494
	2	16	8.19259
	3	16	9.85745
	4	18	29.4249
23	1	2	10.9265
	2	13	90.798
	3	12	93.7593
	4	12	61.6813
67	1	21	56.8215
	2	21	63.4386
	3	15	26.9925
	4	16	37.8004
66	1	16	37.8004
	2	15	26.9925
	3	4	14.2747
	4	17	16.8166
71	1	12	40.4242
	2	21	43.9075
	3	4	54.3597
	4	14	24.7177
70	1	14	24.7177
	2	4	54.3597
	3	14	17.6684
	4	15	11.6157
54	1	15	11.7051
	2	14	17.6684
	3	15	17.0845
	4	18	12.1474

65	1	21	48.1336
	2	21	65.3897
	3	22	30.0798
	4	13	23.42
60	1	19	24.4235
	2	13	16.012
	3	20	14.6522
	4	22	19.2458
61	1	19	24.4235
	2	19	39.436
	3	13	57.4721
	4	22	19.2458
63	1	20	80.0654
	2	21	48.1336
	3	13	23.42
	4	13	41.1396
38	1	20	43.7329
	2	21	58.7426
	3	3	56.3984
	4	17	34.4797
36	1	19	21.4473
	2	19	36.8431
	3	16	66.6901
	4	4	12.6074
33	1	15	16.95
	2	19	21.4473
	3	4	12.6074

	4	15	6.47519
35	1	20	48.0021
	2	20	43.7329
	3	17	34.4797
	4	14	17.5052
30	1	7	66.9601
	2	15	16.95
	3	15	6.47519
	4	15	14.181
29	1	14	2.96986
	2	21	39.8908
	3	12	27.4416
	4	14	6.70623
28	1	14	6.70623
	2	12	27.4416
	3	7	66.9601
	4	12	12.6256
27	1	12	12.6256
	2	7	66.9601
	3	15	14.181
	4	20	18.0909
25	1	15	4.34062
	2	14	4.85136
	3	12	14.5018
	4	4	14.4952
24	1	4	14.4952
	2	12	14.5018
	3	12	9.41339

	4	20	12.2087
26	1	19	2.70515
	2	14	4.31786
	3	14	4.85136
	4	15	4.34062
41	1	5	3.97408
	2	19	4.64916
	3	8	12.9133
	4	7	18.6473
39	1	16	9.82486
	2	20	7.64253
	3	20	5.55618
	4	20	6.09505
40	1	7	18.6473
	2	8	12.9133
	3	20	7.64253
	4	16	9.82486
39	1	16	9.82486
	2	20	7.64253
	3	20	5.55618
	4	20	6.09505
43	1	17	10.6225
	2	20	32.8503
	3	20	20.3468
	4	20	6.28867
42	1	20	6.28867
	2	20	20.3468

	3	20	5.9635
	4	20	8.14441
47	1	7	43.2104
	2	19	45.4034
	3	20	11.2738
	4	20	32.8503
45	1	20	20.3468
	2	20	9.09874
	3	20	6.13533
	4	20	5.9635
51	1	20	22.9903
	2	20	6.16524
	3	20	7.98381
	4	20	5.90952
50	1	19	45.4034
	2	16	47.2494
	3	18	29.4249
	4	20	11.2738
48	1	20	9.09874
	2	20	22.9903
	3	20	5.90952
	4	20	6.13533
13	1	16	10.3613
	2	4	15.2673
	3	4	20.1382
	4	20	8.08584
17	1	20	12.367

	2	20	3.52661
	3	20	3.68313
	4	16	10.8912
18	1	16	10.8912
	2	20	3.68313
	3	20	3.51149
	4	20	7.63227
19	1	20	7.63227
	2	20	3.51149
	3	20	3.72025
	4	17	11.0467
21	1	17	11.0467
	2	20	3.72025
	3	20	3.47036
	4	20	11.933
11	1	15	4.93503
	2	13	9.14446
	3	12	17.8251
	4	12	20.0198
12	1	20	4.66427
	2	15	4.93503
	3	12	20.0198
	4	15	19.5579
16	1	12	10.401
	2	15	19.5579
	3	20	4.66427
	4	16	9.06935
15	1	16	9.06935

	2	20	4.66427
	3	19	6.89327
	4	16	8.60093
14	1	16	8.60093
	2	19	6.89327
	3	4	15.2673
	4	16	10.3613

Criteri di resistenza degli elementi in acciaio

Elemento	classe	Resistenza						Instabilità				Sismica			
		presso fless	Cmb	a taglio Y	Cmb	a taglio Z	Cmb	instab. fless.	Cmb	inst. tors.	Cmb	inst. taglio	Cmb	assiale	Cmb	omega
96	1	1.59	17	>10	5	9.34	20	1.59	17	1.84	20	>10	22	>10	17	NC
97	1	1.63	20	>10	16	9.33	20	1.63	20	1.82	20	>10	22	>10	17	NC
4	1	8.70	16	>10	16	>10	3	8.70	16	8.77	16	>10	22	>10	15	NC
8	1	1.49	20	>10	5	7.01	20	1.48	20	1.49	20	>10	22	>10	17	NC

Elemento	classe	Resistenza						Instabilità				Sismica			
		presso fless	Cmb	a taglio Y	Cmb	a taglio Z	Cmb	instab. fless.	Cmb	inst. tors.	Cmb	inst. taglio	Cmb	assiale	Cmb	omega
20	1	1.56	20	>10	16	7.19	20	1.55	20	1.55	20	>10	22	>10	17	NC
3	1	>10	16	>10	16	>10	14	>10	16	>10	16	>10	22	>10	20	NC
7	1	1.53	20	>10	5	7.25	20	1.51	20	1.53	20	>10	22	>10	3	NC
10	1	1.71	20	>10	5	7.54	20	1.70	20	1.70	20	>10	22	>10	3	NC
2	1	>10	16	>10	5	>10	14	>10	16	>10	16	>10	22	>10	20	NC

Elemento	classe	Resistenza						Instabilità				Sismica			
		presso fless	Cmb	a taglio Y	Cmb	a taglio Z	Cmb	instab. fless.	Cmb	inst. tors.	Cmb	inst. taglio	Cmb	assiale	Cmb	omega
6	1	1.61	20	>10	16	7.55	20	1.57	20	1.60	20	>10	22	>10	1	NC
9	1	1.79	20	>10	5	7.75	20	1.78	20	1.78	20	>10	22	>10	1	NC
1	1	8.77	5	>10	5	>10	15	8.77	5	8.77	5	>10	22	>10	13	NC
94	1	1.83	16	>10	16	>10	20	1.83	16	2.25	16	>10	22	>10	16	NC
95	1	1.96	16	>10	1	>10	20	1.96	16	2.40	20	>10	22	>10	16	NC

Minimo fattore di sicurezza: 1.479130 >= 1.00

In questa tabella vengono riportati i valori dei coefficienti di sicurezza per tutte le verifiche condotte sulla membratura.

*Le verifiche effettuate sono di resistenza: **presso-fless.** verifica di resistenza per azione assiale e flessionale biassiale; **a taglio** verifica di resistenza a taglio per i piani locali yy e zz; e di instabilità: **inst. fless.** verifica di instabilità a presso flessione biassiale; **inst. tors.** verifica di instabilità laterale e torsionale; **inst. taglio** verifica di instabilità a taglio.*

Per ogni verifica vengono riportati il fattore di sicurezza più sfavorevole e l'indice della combinazione delle azioni cui si riferisce. I fattori di sicurezza superiori a 10.0 vengono scritti nella forma >10 per evitare numeri inutilmente lunghi mentre i fattori inferiori a quelli limite vengono scritti in colore rosso.

*La colonna **Assiale** è la verifica a sola compressione che per azioni sismiche ha particolari restrizioni per le travi (minimo fattore sicurezza 6.66).*

*La colonna **Omega** riporta il valore definito dalla normativa (paragrafo 7.5.4.2) come il minimo valore tra gli $\omega_i = M_{pl,Rd,i} / M_{Ed,i}$ di tutte le travi in cui si attende la formazione di cerniere plastiche, essendo $M_{Ed,i}$ il momento flettente di progetto della i-esima trave in condizioni sismiche e $M_{pl,Rd,i}$ il corrispondente momento plastico. Viene esposto il valore di omega già moltiplicato per 1,1 γ_{Rd}.*

l'intensità delle azioni, in caso di verifica per azioni simiche, è incrementata nei pilastri di ω 1,1 γ_{Rd}.

*In caso di verifiche non supportate o non pertinenti per un dato tipo di profilo (ad esempio profili accoppiati) viene riportata la dicitura **NC** (Non Calcolato). Ciò non indica che la verifica non sia superata.*

Per i parametri impiegati nelle verifiche si vedano le successive tabelle.

Parametri di verifica resistenza e instabilità flesso-torsionale

Elemento	Classe	SF	Cmb.	Piano	Linfl. (m)	Lambda	Alfa	Chi	Beta	Kappa	Mcr (kNxm)	Nr (kN))	Mr (kNxm)	Mri (kNxm)	Ne (kN)	Me (kNxm)
96	1	1.59	17	y	0.12	0.67	0.21	0.86	2.39	1.00		135.50	2.46	2.46	-9.17	1.22
				z	0.12	0.67	0.21	0.86	2.27	1.00		135.50	2.46	2.46	-9.17	-0.16
				LT	0.12	0.16	0.21	1.00	2.27	1.00	103.85					
97	1	1.63	20	y	0.12	0.67	0.21	0.86	2.08	1.00		135.50	2.46	2.46	-4.07	1.37
				z	0.12	0.67	0.21	0.86	2.36	1.00		135.50	2.46	2.46	-4.07	6.87e-002
Elemento	Classe	SF	Cmb.	Piano	Linfl. (m)	Lambda	Alfa	Chi	Beta	Kappa	Mcr (kNxm)	Nr (kN))	Mr (kNxm)	Mri (kNxm)	Ne (kN)	Me (kNxm)
20	1	1.55	20	y	0.12	0.67	0.21	0.86	1.83	1.00		135.50	2.46	2.46	1.88	1.47
				z	0.12	0.67	0.21	0.86	2.39	1.00		135.50	2.46	2.46	1.88	7.74e-002
				LT	0.12	0.16	0.21	1.00	2.39	9.99e-001	103.85					
3	1	>10	16	y	0.13	0.73	0.21	0.83	1.35	1.00		135.50	2.46	2.46	4.26e-002	-6.83e-003
				z	0.13	0.73	0.21	0.83	2.48	1.00		135.50	2.46	2.46	4.26e-002	0.20
Elemento	Classe	SF	Cmb.	Piano	Linfl. (m)	Lambda	Alfa	Chi	Beta	Kappa	Mcr (kNxm)	Nr (kN))	Mr (kNxm)	Mri (kNxm)	Ne (kN)	Me (kNxm)
6	1	1.57	20	y	0.12	0.67	0.21	0.86	1.20	1.02		135.50	2.46	2.41	3.39	1.40
				z	0.12	0.67	0.21	0.86	2.41	1.00		135.50	2.46	2.46	3.39	-6.26e-002
				LT	0.12	0.16	0.21	1.00	2.41	1.00	103.85					
9	1	1.78	20	y	0.12	0.67	0.21	0.86	1.77	1.00		135.50	2.46	2.46	3.38	1.30
				z	0.12	0.67	0.21	0.86	2.12	1.00		135.50	2.46	2.46	3.38	1.38e-002

In questa tabella vengono riportati i principlali parametri per la verifica di resistenza e di instabilità sia flessionale che laterale torsionale della membratura. Le intestazioni delle colonne hanno il seguente significato:

***Classe** classe del profilo; **Cmb.** combinazione dei carichi a cui si riferiscono i dati e che ha determinato il minimo fattore di sicurezza **SF**; Il fattore di sicurezza è per azioni biassiali e combiante minimo tra tutti i criteri di verifica.*

***Lambda** snellezza adimensionale; **Alfa** fattore di imperfezione: **Chi** fattore di riduzione; **Beta** fattore di momento uniforme; **Kappa** fattore di riduzione per instabilità; **Mcr** momento critico elastico; **Nr** resistenza assiale; **Mr** Resistenza flessionale; **Mri** Momento resistente per instabilità; **Ne** Azione assiale agente in questa verifica; **Me** Momento agente in questa verifica.*

I dati per ogni elemento sono disposti su tre righe per le azioni sui piani yy, zz e laterale-torsionale (LT).

I dati per i profili accoppiati non sono riportati in questa tabella.

Si rimanda alla tabella sinottica dei criteri di resistenza per tutti i valori dei coefficienti di sicurezza per azioni combinate.

Parametri di verifica resistenza e instabilità a taglio

Elemento	SF	Cmb.	Tau (kN/m2)	Lambda	Kappa	Vri (kN)	Vry (kN)	Vrz (kN)	Vey (kN)	Vez (kN)
96	>10	22	158.88	0.23	5.34	240.39	31.05	28.43	4.91e-002	1.13

Elemento	SF	Cmb.	Tau (kN/m2)	Lambda	Kappa	Vri (kN)	Vry (kN)	Vrz (kN)	Vey (kN)	Vez (kN)
97	>10	22	158.88	0.23	5.34	240.39	31.05	28.43	0.11	1.13
4	>10	22	158.88	0.23	5.34	240.39	31.05	28.43	0.11	3.02e-002
8	>10	22	158.88	0.23	5.34	240.39	31.05	28.43	8.12e-002	1.89
Elemento	**SF**	**Cmb.**	**Tau (kN/m2)**	**Lambda**	**Kappa**	**Vri (kN)**	**Vry (kN)**	**Vrz (kN)**	**Vey (kN)**	**Vez (kN)**
20	>10	22	158.88	0.23	5.34	240.39	31.05	28.43	0.14	0.71
3	>10	22	158.88	0.23	5.34	240.39	31.05	28.43	7.82e-002	4.09e-002
7	>10	22	158.88	0.23	5.34	240.39	31.05	28.43	0.10	1.76
10	>10	22	158.88	0.23	5.34	240.39	31.05	28.43	0.10	0.54
2	>10	22	158.88	0.23	5.34	240.39	31.05	28.43	6.77e-002	5.38e-002
Elemento	SF	Cmb.	Tau (kN/m2)	Lambda	Kappa	Vri (kN)	Vry (kN)	Vrz (kN)	Vey (kN)	Vez (kN)
6	>10	22	158.88	0.23	5.34	240.39	31.05	28.43	0.12	1.61
9	>10	22	158.88	0.23	5.34	240.39	31.05	28.43	6.35e-002	0.43
1	>10	22	158.88	0.23	5.34	240.39	31.05	28.43	8.05e-002	6.95e-002
94	>10	22	158.88	0.23	5.34	240.39	31.05	28.43	0.10	0.60
95	>10	22	158.88	0.23	5.34	240.39	31.05	28.43	4.23e-002	0.60

*In questa tabella vengono riportati i principlali parametri per la verifica di resistenza e di instabilità a taglio. Per la verifica di instabilità si impiega il metodo della resistenza post-critica. Le intestazioni delle colonne hanno il seguente significato: **Tau** tensione resistente post-critica; **Lambda** snellezza dell'anima; **Kappa** fattore di imbozzamento a taglio; **Vri** taglio resistente da instabilità; **Vry** e **Vrz** tagli resistenti; **Vey** e **Vez** azioni di taglio per questa verifica.*

Si rimanda alla tabella sinottica dei criteri di resistenza per tutti i valori dei coefficienti di sicurezza per azioni combinate.

Verifica geotecnica

Elemento	Coeff. S.Fondo	Deflessione max	Pressione max	Portanza unitaria	Fattore sicurezza	Comb.
81	20000	0.00168873	33.7746	494.14	14.6305	21
80	20000	0.00194777	38.9555	494.14	12.6847	21
79	20000	0.00230229	46.0457	494.14	10.7315	21
78	20000	0.00272191	54.4381	494.14	9.0771	21
91	20000	0.00371959	74.3918	494.14	6.64241	21
84	20000	0.00311078	62.2157	494.14	7.94238	21
83	20000	0.00274119	54.8237	494.14	9.01325	21
82	20000	0.00284839	56.9678	494.14	8.67403	16
93	20000	0.00248174	49.6348	494.14	9.95553	21
90	20000	0.00209559	41.9119	494.14	11.79	21
89	20000	0.00174621	34.9241	494.14	14.149	21
88	20000	0.00143345	28.669	494.14	17.2361	18
92	20000	0.00268446	53.6892	494.14	9.20371	21
87	20000	0.00214535	42.9069	494.14	11.5166	21
86	20000	0.00180693	36.1385	494.14	13.6735	21
85	20000	0.00180312	36.0625	494.14	13.7023	18
77	20000	0.00307491	61.4982	494.14	8.03504	21
76	20000	0.00283304	56.6607	494.14	8.72104	21
75	20000	0.00259311	51.8622	494.14	9.52794	21
74	20000	0.00236259	47.2517	494.14	10.4576	21

CALCOLI STATICI

SOLETTA A SBALZO SCALA

SOLETTA PIENA C.A. - SBALZO SCALA - CAT. C

Soletta in c.a. sp. 20 cm	5,00	KN/mq.	
Riporto gradini in cls	3,15	KN/mq.	
Pavimentazione	0,40	KN/mq.	
TOT. PESO SOLETTA	**8,55**	**KN/mq.**	**g_1k**

CARICO PERMANENTE	***8,55***	***KN/mq.***	**g_1k**
CARICO VARIABILE - cat.C2	***4,00***	***KN/mq.***	**qk**
CARICO TOTALE	**12,55**	**KN/mq.**	

COMBINAZIONI DI CARICO

SLU

Q max =	8,55	x	1,3	+	4,00	x	1,5	= kN/m	**17,12**

SLE - combinazione rara

Q max =	8,55	x	1	+	4,00	x	1	= kN/m	**12,55**

SLE - combinazione quasi permanente

Q max =	8,55	x	1	+	4,00	x	0,6	= kN/m	**10,95**

DATI GEOMETRICI E MATERIALI

fyk		45000	N/cmq
fck		28	Mpa =N/mmq
fcd = fck*αcc/γc =		1586,67	N/cmq
Altezza soletta	**b**	20	cm
Larghezza sezione		100	cm
Altezza utile	**h**	17	cm
Copriferro superiore	**h'**	3	cm
Coefficiente di omogeneizzazione	**n**	15	
Luce sbalzo		150	cm

CALCOLO SOLLECITAZIONI SOLETTA

Si ipotizza uno schema statico costituito da una mensola rappresentante la soletta ancorata ai setti trasversali da cui deriva l'assimilazione ad un vincolo di incastro ad un estermo.

Ne deriva un momento massimo in mezzeria ed agli estremi pari a $M= qL^2/2$ed un taglio massimo pari a T=qL

SLU

M max =	192544 Kg cm	T max =	2567,25 Kg

SLE - combinazione rara

M max =	141188 Kg cm	T max =	1882,5 Kg

SLE - combinazione quasi permanente

M max =	123188 Kg cm	T max =	1642,5 Kg

CALCOLO DELLE ARMATURE

M	(kgcm)	192544	= **(Ncm)**	**1925438**
h	(cm)	17		
fyk	(Mpa)	450		
fyd	(N/cmq)	39130,43		
As	(cmq)	3,22		
n ferri		10		
Φ	(mm)	12		
As=As'	(cmq)	**11,30**		

CALCOLO TAGLI RESISTENTI

b	100	cm		fyd	391,3043	MPa
h	20	cm		Es	210000	MPa
c	3	cm				
d	17	cm		fck	28	MPa
				gc	1,5	
As	11,30	cm2	(2f10)			
k	2,000					
rl	0,006649412					
v	0,636	MPa				
vmin	0,524	MPa				
VRd	**108,14**	**kN**	**>**	**25,67**	**KN**	**VSd**

SLE - COMBINAZIONE DI CARICO QUASI PERMANENTE

fyk (N/cmq)		45000				
fck		28	Mpa =N/mmq			
fcd = fck*αcc/γc =		1587	(N/cmq)=> Confrontare σc con	0,45	* fcd =	**714** **N/cmq**
Altezza soletta	**b**	20,0				
Larghezza rampa		100,0				
Altezza utile	**h**	17,0				
Copriferro superiore	**h'**	3				
Coefficiente di omogeneizzazione	**n**	15				

As		[cmq]	Msd		[cm]	[cm^4]	[cm^4]	[cm^4]	[cm^4]	[N/cmq]	
n	**Φ**	**As**	**[KNm]**	**[Ncm]**	**Xc**	**J (cls)**	**J (As')**	**J (As)**	**Jck**	**σc**	**??**
10	12	11,31	12,32	1231875	**5,516**	5594,62	1073,97	22372,98	**29041,57**	**233,98**	Ok!

SLE - COMBINAZIONE DI CARICO RARA

fyk (N/cmq)		45000						
fck		28	Mpa =N/mmq					
fcd = fck*αcc/γc =		1587	(N/cmq)=> Confrontare σc con	0,6	* fcd =	**952**	**N/cmq**	
fyd = fyk =		450	Mpa = N/mmq x	100				
		45000	(N/cmq)=> Confrontare σs con	0,8	* fyd =	**36000**	**N/cmq**	
Altezza soletta	**b**	20,0						
Larghezza rampa		100,0						
Altezza utile	**h**	17,0						
Copriferro superiore	**h'**	3						
Coefficiente di omogeneizzazione	**n**	15						

As		[cmq]	Msd		[cm]	[cm^4]	[cm^4]	[cm^4]	[cm^4]	[N/cmq]	
n	Φ	As	[KNm]	[Ncm]	Xc	J (cls)	J (As')	J (As)	Jck	σc	??
10	12	11,31	14,12	1411875	**5,516**	5594,62	1073,97	22372,98	**29041,57**	**268,17**	Ok!

SOLETTA A SBALZO MARCIAPIEDE

SOLETTA PIENA C.A. - SBALZO MARCIAPIEDE - CAT. C2

Soletta in c.a. sp. 20 cm	5,00	KN/mq.	
Allettamento in sabbia compattata	1,60	KN/mq.	
Pavimentazione in masselli di cls	1,30	KN/mq.	
TOT. PESO SOLAIO	**7,90**	**KN/mq.**	**g_{1k}**

CARICO PERMANENTE	***7,90***	***KN/mq.***	**g_{1k}**
CARICO VARIABILE - cat.C2	***4,00***	***KN/mq.***	**q_k**
CARICO TOTALE	**11,90**	**KN/mq.**	

COMBINAZIONI DI CARICO

SLU												
	Q max =	7,90	x	1,3	+	4,00	x	1,5	= kN/m^2	**16,27**	= kg/cm^2	**0,163**
SLE - combinazione rara												
	Q max =	7,90	x	1	+	4,00	x	1	= kN/m^2	**11,90**	= kg/cm^2	**0,119**
SLE - combinazione quasi permanente												
	Q max =	7,90	x	1	+	4,00	x	0,6	= kN/m^2	**10,30**	= kg/cm^2	**0,103**

DATI GEOMETRICI E MATERIALI

fyk		45000	N/cmq
fck		28	Mpa =N/mmq
fcd = fck*αcc/γc =		1586,67	N/cmq
Altezza soletta	**b**	20	cm
Larghezza sezione		100	cm
Altezza utile	**h**	17	cm
Copriferro superiore	**h'**	3	cm
Coefficiente di omogeneizzazione	**n**	15	
Luce sbalzo		150	cm

CALCOLO SOLLECITAZIONI SOLETTA

Si ipotizza uno schema statico costituito da una mensola rappresentante la soletta ancorata ai setti trasversali da cui deriva l'assimilazione ad un vincolo di incastro ad un estermo.

Ne deriva un momento massimo in mezzeria ed agli estremi pari a $M= qL^2/2$ ed un taglio massimo pari a T=qL

SLU

M max = 291038 Kg cm T max = 3880,50 Kg

SLE - combinazione rara

M max = 241875 Kg cm T max = 3225 Kg

SLE - combinazione quasi permanente

M max = 223875 Kg cm T max = 2985 Kg

CALCOLO DELLE ARMATURE

M	(kgcm)	291038	= **(Ncm)**	**2910375**
h	(cm)	17		
fyk	(Mpa)	450		
fyd	(N/cmq)	39130,43		
As	(cmq)	4,86		
n ferri		10		
Φ	(mm)	12		
As=As'	(cmq)	**11,30**		

CALCOLO TAGLI RESISTENTI

b	100	cm		fyd	391,304	MPa
h	20	cm		Es	210000	MPa
c	3	cm				
d	17	cm		fck	28	MPa
				gc	1,5	
As	11,30	cm2	(2f10)			
k	2,000					
rl	0,006649412					
v	0,636	MPa				
vmin	0,524	MPa				

VRd **108,14** **kN** **>** **38,81** **KN** **VSd**

SLE - COMBINAZIONE DI CARICO QUASI PERMANENTE

fyk (N/cmq)		45000					
fck		28	Mpa =N/mmq				
fcd = fck*αcc/γc =		1587	(N/cmq)=> Confrontare σc con	0,45	* fcd =	**714**	**N/cmq**
Altezza soletta	**b**	20,0					
Larghezza rampa		100,0					
Altezza utile	**h**	17,0					
Copriferro superiore	**h'**	3					
Coefficiente di omogeneizzazione	**n**	15					

As		[cmq]	Msd		[cm]	[cm^4]	[cm^4]	[cm^4]	[cm^4]	[N/cmq]	
n	**Φ**	**As**	**[KNm]**	**[Ncm]**	**Xc**	**J (cls)**	**J (As')**	**J (As)**	**Jck**	**σc**	**??**
10	12	11,31	22,39	2238750	**5,516**	5594,62	1073,97	22372,98	**29041,57**	**425,22**	Ok!

SLE - COMBINAZIONE DI CARICO RARA

fyk (N/cmq)		45000					
fck		28	Mpa =N/mmq				
fcd = fck*αcc/γc =		1587	(N/cmq)=> Confrontare σc con	0,6	* fcd =	**952**	**N/cmq**
fyd = fyk =		450	Mpa = N/mmq x	100			
		45000	(N/cmq)=> Confrontare σs con	0,8	* fyd =	**36000**	**N/cmq**
Altezza soletta	**b**	20,0					
Larghezza rampa		100,0					
Altezza utile	**h**	17,0					
Copriferro superiore	**h'**	3					
Coefficiente di omogeneizzazione	**n**	15					

As		[cmq]	Msd		[cm]	[cm^4]	[cm^4]	[cm^4]	[cm^4]	[N/cmq]	
n	**Φ**	**As**	**[KNm]**	**[Ncm]**	**Xc**	**J (cls)**	**J (As')**	**J (As)**	**Jck**	**σc**	**??**
10	12	11,31	24,19	2418750	**5,516**	5594,62	1073,97	22372,98	**29041,57**	**459,41**	Ok!

Il Tecnico progettista strutturale

Ing. Maurizio Raffaelli