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Autorità idrica pugliese

REGIONE PUGLIA

acquedotto pugliese
l'acqua, bene comune

CUP: E87B15000620005

PROGRAMMA DEGLI INTERVENTI 2016 - 2019
A CARICO DEI PROVENTI TARIFFARI GIUSTA DELIBERA DEL CONSIGLIO DIRETTIVO AIP N. 31 DEL 28/06/2018

REALIZZAZIONE DELLA RETE IDRICA NELL'ABITATO DI CASTELLANETA E POTENZIAMENTO DEL SERBATOIO - PROGETTO DEFINITIVO-

Il Responsabile del Procedimento
ing. Gaetano jr BARBONE

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Direzione Ingegneria

Il Direttore
ing. Andrea VOLPE

Elaborato

A.7.1

Tabulati di calcolo Camera di Manovra

Codice Intervento: P1388	*Codice SAP: 21/19073*	*Prot. 33246* *Data 10/04/2019*	Scala:

00	*APR.2019*	*Emesso per PROGETTO DEFINITIVO*	/	/	/
N. Rev.	Data	Descrizione	Disegnato	Controllato	Approvato

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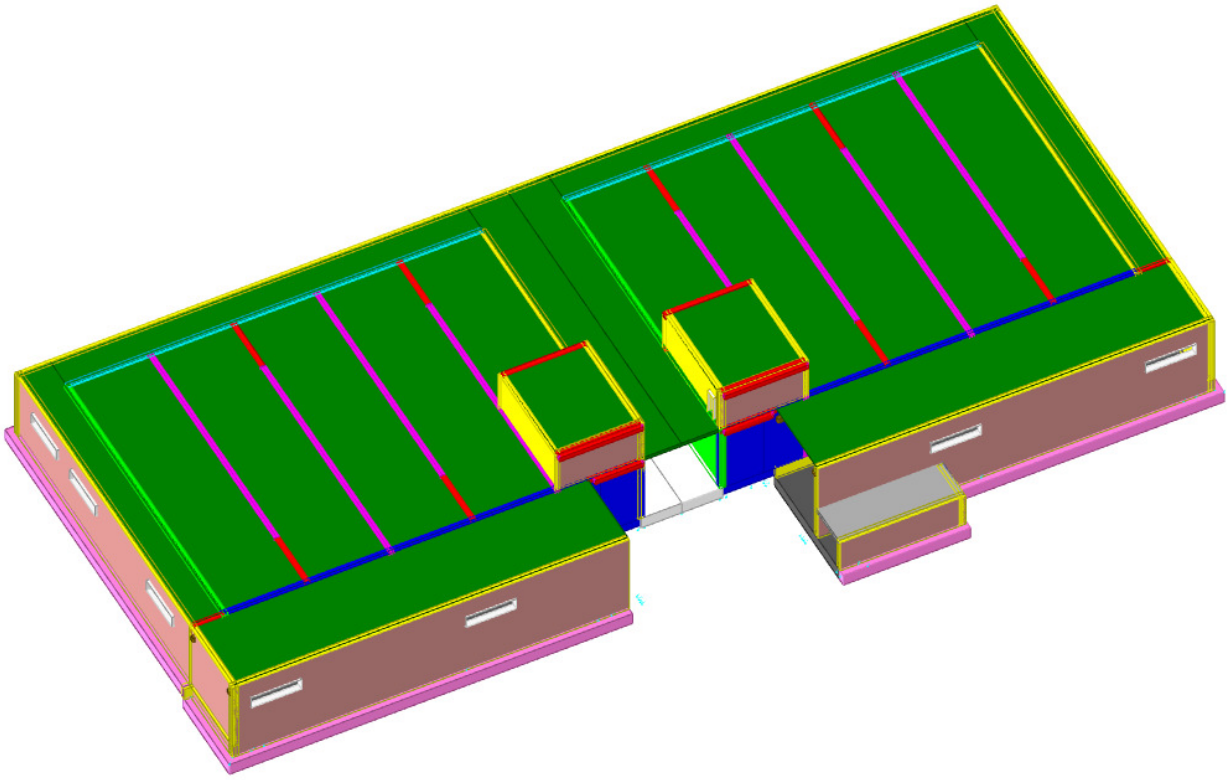
Sommario

1 Rappresentazione generale dell'edificio

Vista assonometrica dell'edificio nella sua interezza



2 Dati generali

2.1 Materiali

2.1.1 Materiali c.a.

***Descrizione**: Descrizione o nome assegnato all'elemento.*
***Rck**: Resistenza caratteristica cubica; valore medio nel caso di edificio esistente. [daN/cm²]*
***E**: Modulo di elasticità longitudinale del materiale per edifici o materiali nuovi. [daN/cm²]*
***Gamma**: Peso specifico del materiale. [daN/cm³]*
***Poisson**: Coefficiente di Poisson. Il valore è adimensionale.*
***G**: Modulo di elasticità tangenziale del materiale, viene impiegato nella modellazione di aste. [daN/cm²]*
***Alfa**: Coefficiente longitudinale di dilatazione termica. [°C-1]*

Descrizione	Rck	E	Gamma	Poisson	G	Alfa
C25/30	300	314472	0.0025	0.1	Default (142941.64)	0.00001
C35/45_1	450	346255	0.0025	0.1	Default (157388.57)	0.00001

2.1.2 Armature

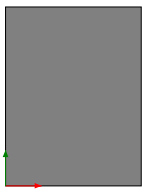
***Descrizione**: descrizione o nome assegnato all'elemento.*
***fyk**: resistenza caratteristica. [daN/cm²]*
***Sigma amm.**: tensione ammissibile. [daN/cm²]*
***Tipo**: tipo di barra.*
***E**: modulo di elasticità longitudinale del materiale per edifici o materiali nuovi. [daN/cm²]*
***Gamma**: peso specifico del materiale. [daN/cm³]*
***Poisson**: coefficiente di Poisson. Il valore è adimensionale.*
***Alfa**: coefficiente longitudinale di dilatazione termica. [°C-1]*
***Livello di conoscenza**: indica se il materiale è nuovo o esistente, e in tal caso il livello di conoscenza secondo Circ. 02/02/09 n. 617 §C8A. Informazione impiegata solo in analisi D.M. 14-01-08 (N.T.C.).*

Descrizione	fyk	Sigma amm.	Tipo	E	Gamma	Poisson	Alfa	Livello di conoscenza
B450C_1	4500	2550	Aderenza migliorata	2060000	0.00785	0.3	0.000012	Nuovo

2.2 Sezioni

2.2.1 Sezioni C.A.

2.2.1.1 Sezioni rettangolari C.A.



***Descrizione**: Descrizione o nome assegnato all'elemento.*
***Area Tx FEM**: Area di taglio in direzione X per l'analisi FEM. [cm²]*
***Area Ty FEM**: Area di taglio in direzione Y per l'analisi FEM. [cm²]*
***JxFEM**: Momento di inerzia attorno all'asse X per l'analisi FEM. [cm4]*
***JyFEM**: Momento di inerzia attorno all'asse Y per l'analisi FEM. [cm4]*
***JtFEM**: Momento d'inerzia torsionale corretto con il fattore di forma per l'analisi FEM. [cm4]*
***H**: Altezza della sezione. [cm]*
***B**: Larghezza della sezione. [cm]*
***c.s.**: Copriferro superiore della sezione. [cm]*
***c.i.**: Copriferro inferiore della sezione. [cm]*
***c.l.**: Copriferro laterale della sezione. [cm]*

Descrizione	Area Tx FEM	Area Ty FEM	JxFEM	JyFEM	JtFEM	H	B	c.s.	c.i.	c.l.
R 30x40	1000	1000	160000	90000	189900	40	30	3.5	3.5	3.5
R 40x40	1333.33	1333.33	213333.33	213333.33	315733.33	40	40	6	6	6
R 40x70	2333.33	2333.33	1.143E06	373333.33	955733.33	70	40	6	6	6
R 45x80	3000	3000	1920000	607500	1.569E06	80	45	6	6	6
R 60x50	2500	2500	625000	900000	1187500	50	60	6	6	6

2.2.1.2 Caratteristiche inerziali sezioni C.A.

***Descrizione**: Descrizione o nome assegnato all'elemento.*
***Xg**: Ascissa del baricentro definita rispetto al sistema geometrico in cui sono definiti i vertici del poligono. [cm]*
***Yg**: Ordinata del baricentro definita rispetto al sistema geometrico in cui sono definiti i vertici del poligono. [cm]*
***Area**: Area inerziale nel sistema geometrico centrato nel baricentro. [cm²]*
***Jx**: Momento d'inerzia attorno all'asse orizzontale baricentrico di definizione della sezione. [cm4]*
***Jy**: Momento d'inerzia attorno all'asse verticale baricentrico di definizione della sezione. [cm4]*
***Jxy**: Momento centrifugo rispetto al sistema di riferimento baricentrico di definizione della sezione. [cm4]*
***Jm**: Momento d'inerzia attorno all'asse baricentrico principale M. [cm4]*
***Jn**: Momento d'inerzia attorno all'asse baricentrico principale N. [cm4]*
***Alfa**: Angolo tra gli assi del sistema di riferimento geometrico di definizione e quelli del sistema di riferimento principale. [deg]*
***Area Tx FEM**: Area di taglio in direzione X per l'analisi FEM. [cm²]*
***Area Ty FEM**: Area di taglio in direzione Y per l'analisi FEM. [cm²]*
***JxFEM**: Momento di inerzia attorno all'asse X per l'analisi FEM. [cm4]*
***JyFEM**: Momento di inerzia attorno all'asse Y per l'analisi FEM. [cm4]*
***JtFEM**: Momento d'inerzia torsionale corretto con il fattore di forma per l'analisi FEM. [cm4]*

Descrizione	Xg	Yg	Area	Jx	Jy	Jxy	Jm	Jn	Alfa	Area Tx FEM	Area Ty FEM	JxFEM	JyFEM	JtFEM
R 30x40	15	20	1200	160000	90000	0	160000	90000	0	1000	1000	160000	90000	189900
R 40x40	20	20	1600	2.1E5	2.1E5	0	2.1E5	2.1E5	0	1333.33	1333.33	2.13E05	2.13E05	3.16E05
R 40x70	20	35	2800	1.1E6	3.7E5	0	1.1E6	3.7E5	0	2333.33	2333.33	1.14E06	3.73E05	9.56E05
R 45x80	22.5	40	3600	1.9E6	607500	0	1.9E6	607500	0	3000	3000	1920000	607500	1.57E06

Descrizione	Xg	Yg	Area	Jx	Jy	Jxy	Jm	Jn	Alfa	Area Tx FEM	Area Ty FEM	JxFEM	JyFEM	JtFEM
R 60x50	30	25	3000	625000	900000	0	625000	900000	0	2500	2500	625000	900000	1187500

2.3 Solai

2.3.1 Solai predalle

***Descrizione**: Descrizione o nome assegnato all'elemento.*
***Peso proprio**: Peso proprio per unità di superficie. [daN/cm²]*
***Int.**: Interasse tra le nervature. [cm]*
***B anima**: Larghezza anima. [cm]*
***H**: Altezza totale. [cm]*
***H cappa**: Altezza cappa. [cm]*
***H lastra**: Altezza lastra. [cm]*
***c.s.**: Copriferro superiore. [cm]*
***c.i.**: Copriferro inferiore. [cm]*
***n° tondi**: Numero tondi di confezionamento.*
***Diam. tondi**: Diametro tondi di confezionamento. [mm]*
***Passo rete**: Passo rete cappa. [cm]*
***Diam. rete**: Diametro rete cappa. [mm]*
***Passo r.l.**: Passo rete lastra. [cm]*
***Diam. r.l.**: Diametro rete lastra. [mm]*

Descrizione	Peso proprio	Int.	B anima	H	H cappa	H lastra	c.s.	c.i.	n° tondi	Diam. tondi	Passo rete	Diam. rete	Passo r.l.	Diam. r.l.
Pre 20x(5+30+5)/60	0.05	60	20	40	5	5	4	4	6	6	20	6	20	6

3 Dati di definizione

3.1 Preferenze commessa

3.1.1 Preferenze di analisi

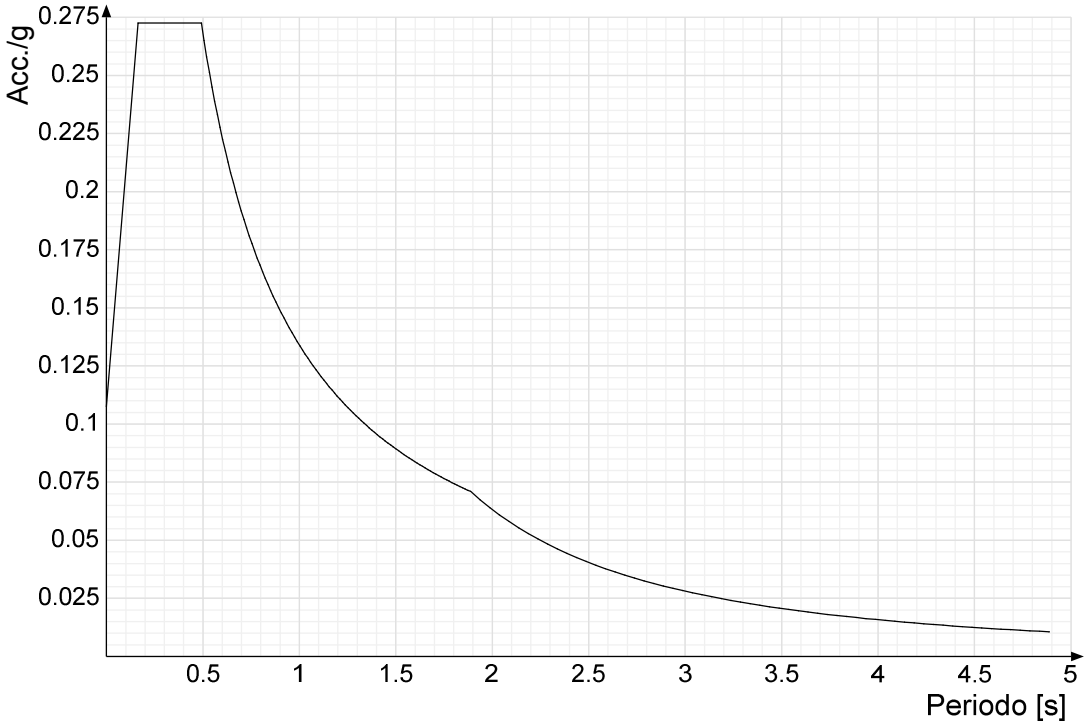
Metodo di analisi	D.M. 14-01-08 (N.T.C.)	
Tipo di costruzione	3	
Vn	100	
Classe d'uso	IV	
Vr	200	
Tipo di analisi	Lineare dinamica	
Località	Taranto, Castellaneta, Bolzanello; Latitudine ED50 40,652° (40° 39' 7''); Longitudine ED50 16,8816° (16° 52' 54''); Altitudine s.l.m. 302,07 m.	
Zona sismica	Zona 3	
Categoria del suolo	C - sabbie ed argille medie	
Categoria topografica	T1	
Ss orizzontale SLO	1.5	
Tb orizzontale SLO	0.164	[s]
Tc orizzontale SLO	0.492	[s]
Td orizzontale SLO	1.887	[s]
Ss orizzontale SLD	1.5	
Tb orizzontale SLD	0.165	[s]
Tc orizzontale SLD	0.496	[s]
Td orizzontale SLD	1.97	[s]
Ss orizzontale SLV	1.37	
Tb orizzontale SLV	0.167	[s]
Tc orizzontale SLV	0.502	[s]
Td orizzontale SLV	2.465	[s]
St	1	
PVr SLO (%)	81	
Tr SLO	120.43	
Ag/g SLO	0.0717	
Fo SLO	2.532	
Tc* SLO	0.322	
PVr SLD (%)	63	
Tr SLD	201	
Ag/g SLD	0.0924	
Fo SLD	2.505	
Tc* SLD	0.327	
PVr SLV (%)	10	
Tr SLV	1898.24	
Ag/g SLV	0.2162	
Fo SLV	2.522	
Tc* SLV	0.333	
Smorzamento viscoso (%)	5	
Classe di duttilità	Non dissipativa	
Rotazione del sisma	0	[deg]
Quota dello '0' sismico	0	[cm]
Regolarità in pianta	Si	
Regolarità in elevazione	Si	
Edificio C.A.	Si	
Edificio esistente	No	
Altezza costruzione	1300	[cm]
C1	0.05	
T1	0.342	[s]
Lambda SLO	1	
Lambda SLD	1	
Lambda SLV	1	
Numero modi	30	
Metodo di Ritz	applicato	
Torsione accidentale semplificata	No	
Torsione accidentale per piani (livelli e falde) flessibili	No	
Eccentricità X (per sisma Y) livello "Fondo chiusura idraulica"	40	[cm]
Eccentricità Y (per sisma X) livello "Fondo chiusura idraulica"	12	[cm]
Eccentricità X (per sisma Y) livello "Fondo pozzetti scarico"	40	[cm]
Eccentricità Y (per sisma X) livello "Fondo pozzetti scarico"	40	[cm]
Eccentricità X (per sisma Y) livello "Fondazione lato vasche"	70	[cm]
Eccentricità Y (per sisma X) livello "Fondazione lato vasche"	70	[cm]
Eccentricità X (per sisma Y) livello "Fondazione 2"	200	[cm]
Eccentricità Y (per sisma X) livello "Fondazione 2"	185	[cm]
Eccentricità X (per sisma Y) livello "Pianerottolo riposo ingresso"	50	[cm]
Eccentricità Y (per sisma X) livello "Pianerottolo riposo ingresso"	20	[cm]
Eccentricità X (per sisma Y) livello "Piano copertura cunicolo"	0	[cm]
Eccentricità Y (per sisma X) livello "Piano copertura cunicolo"	0	[cm]
Eccentricità X (per sisma Y) livello "Pianerottolo riposo accesso vasche"	5	[cm]
Eccentricità Y (per sisma X) livello "Pianerottolo riposo accesso vasche"	5	[cm]
Eccentricità X (per sisma Y) livello "Pianerottolo ingresso"	5	[cm]
Eccentricità Y (per sisma X) livello "Pianerottolo ingresso"	5	[cm]
Eccentricità X (per sisma Y) livello "Piano copertura vasca"	200	[cm]
Eccentricità Y (per sisma X) livello "Piano copertura vasca"	185	[cm]
Eccentricità X (per sisma Y) livello "Pianerottolo accesso vasche"	60	[cm]
Eccentricità Y (per sisma X) livello "Pianerottolo accesso vasche"	30	[cm]
Eccentricità X (per sisma Y) livello "Carroponti"	0	[cm]
Eccentricità Y (per sisma X) livello "Carroponti"	0	[cm]
Eccentricità X (per sisma Y) livello "Piano copertura"	70	[cm]
Eccentricità Y (per sisma X) livello "Piano copertura"	100	[cm]
Limite spostamenti interpiano	0.005	
Moltiplicatore sisma X per combinazioni di default	1	
Moltiplicatore sisma Y per combinazioni di default	1	
Fattore di struttura per sisma X	1	
Fattore di struttura per sisma Y	1	
Fattore di struttura per sisma Z	1	
Applica 1% (§ 3.1.1)	Si	
Coefficiente di sicurezza portanza fondazioni superficiali	2.3	
Coefficiente di sicurezza scorrimento fondazioni superficiali	1.1	
Coefficiente di sicurezza portanza verticale pali infissi, punta	1.15	
Coefficiente di sicurezza portanza verticale pali infissi, laterale compressione	1.15	
Coefficiente di sicurezza portanza verticale pali infissi, laterale trazione	1.25	

Coefficiente di sicurezza portanza verticale pali trivellati, punta	1.35
Coefficiente di sicurezza portanza verticale pali trivellati, laterale compressione	1.15
Coefficiente di sicurezza portanza verticale pali trivellati, laterale trazione	1.25
Coefficiente di sicurezza portanza verticale micropali, punta	1.35
Coefficiente di sicurezza portanza verticale micropali, laterale compressione	1.15
Coefficiente di sicurezza portanza verticale micropali, laterale trazione	1.25
Coefficiente di sicurezza portanza trasversale pali	1.3
Fattore di correlazione resistenza caratteristica dei pali in base alle verticali indagate	1.7

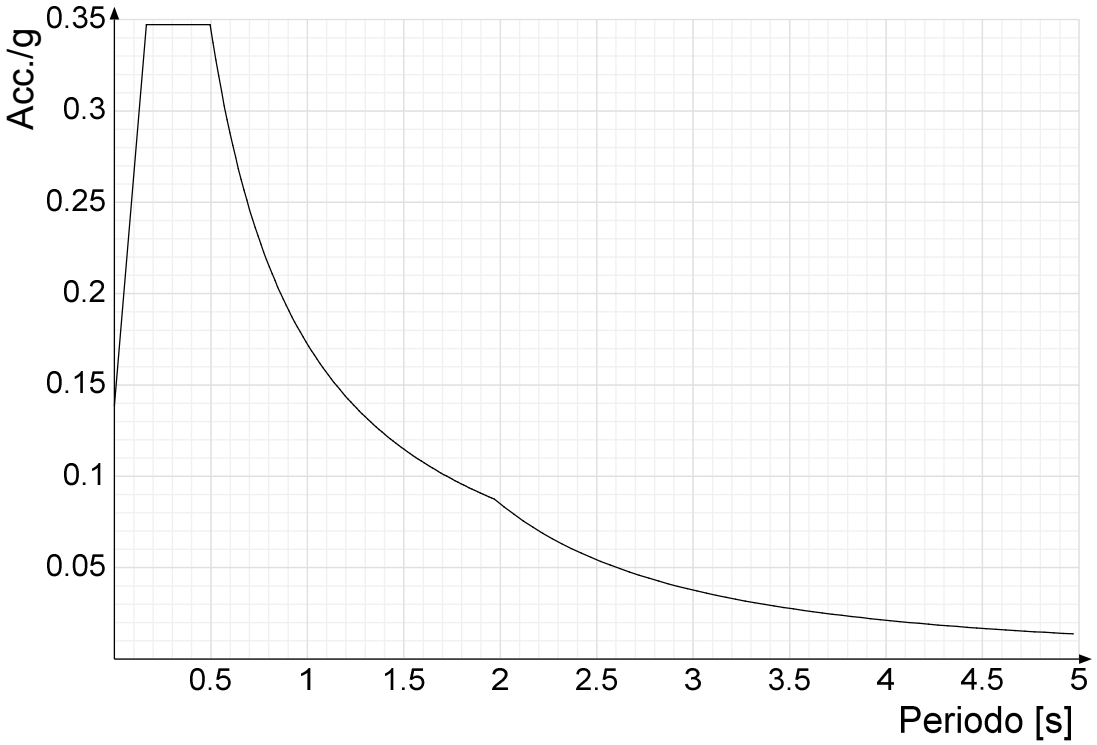
3.1.2 Spettri NTC 08

***Acc./g**: Accelerazione spettrale normalizzata ottenuta dividendo l'accelerazione spettrale per l'accelerazione di gravità.*
***Periodo**: Periodo di vibrazione.*

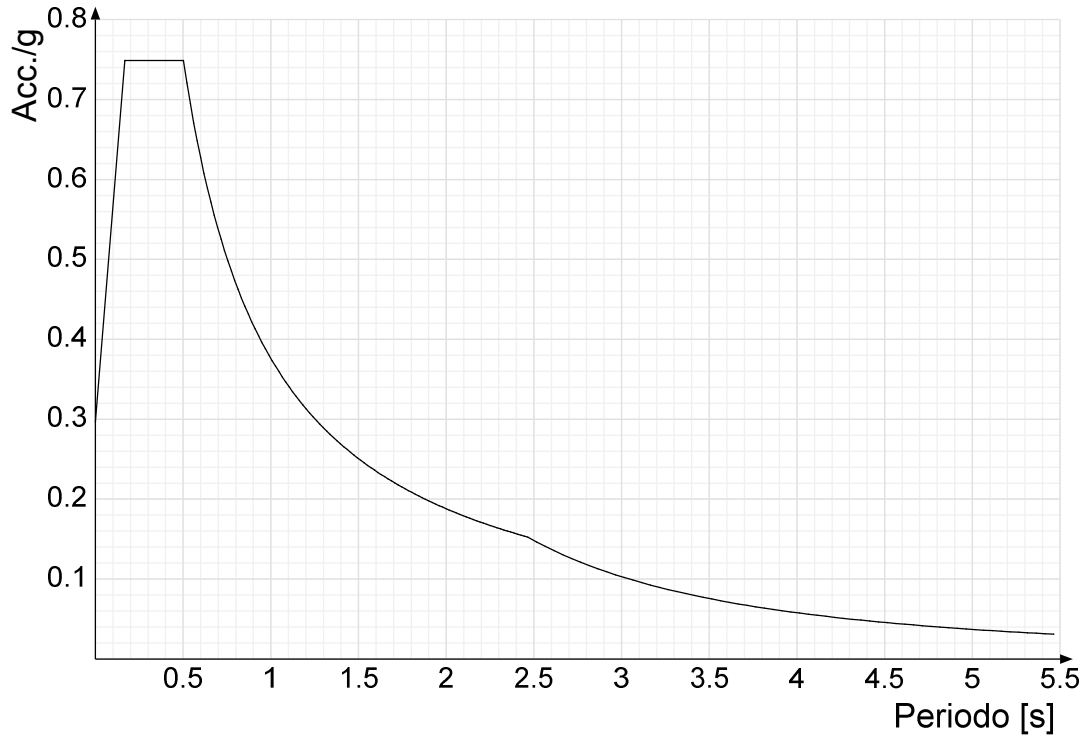
Spettro di risposta elastico in accelerazione delle componenti orizzontali SLO § 3.2.3.2.1 (3.2.4)



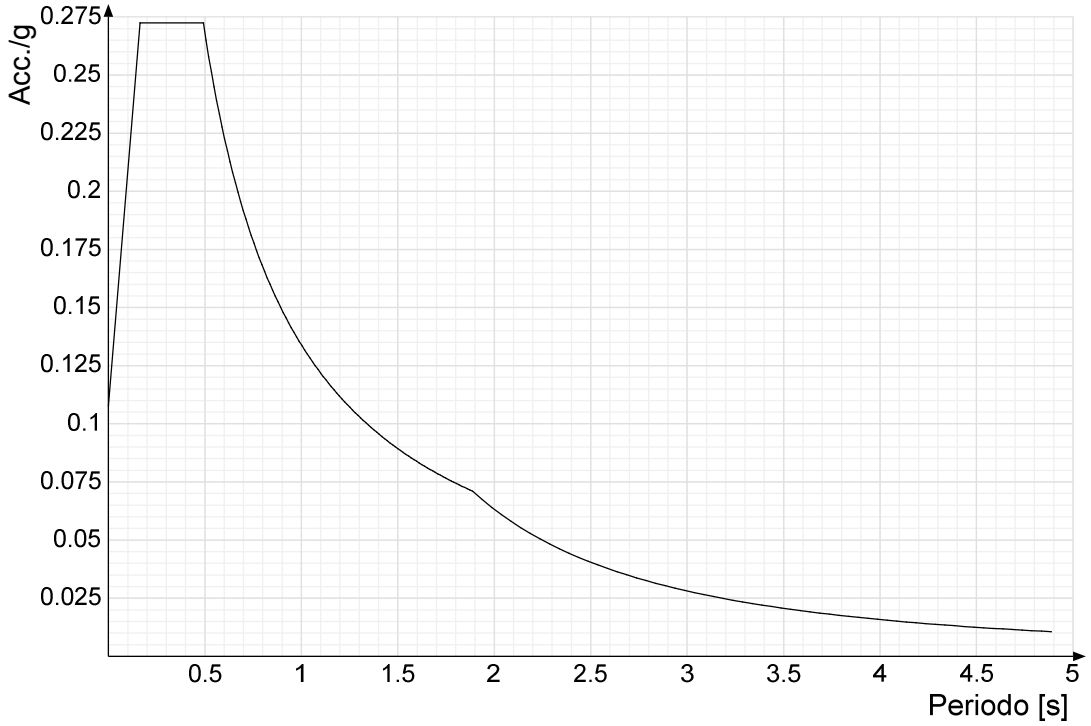
Spettro di risposta elastico in accelerazione delle componenti orizzontali SLD § 3.2.3.2.1 (3.2.4)



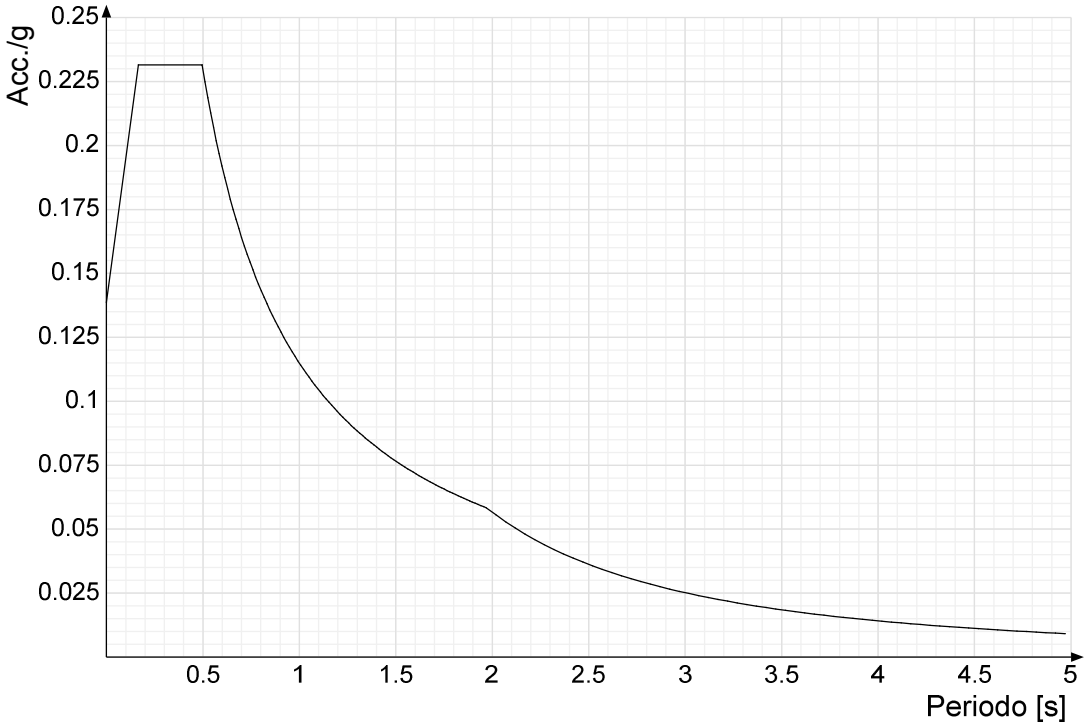
Spettro di risposta elastico in accelerazione delle componenti orizzontali SLV § 3.2.3.2.1 (3.2.4)



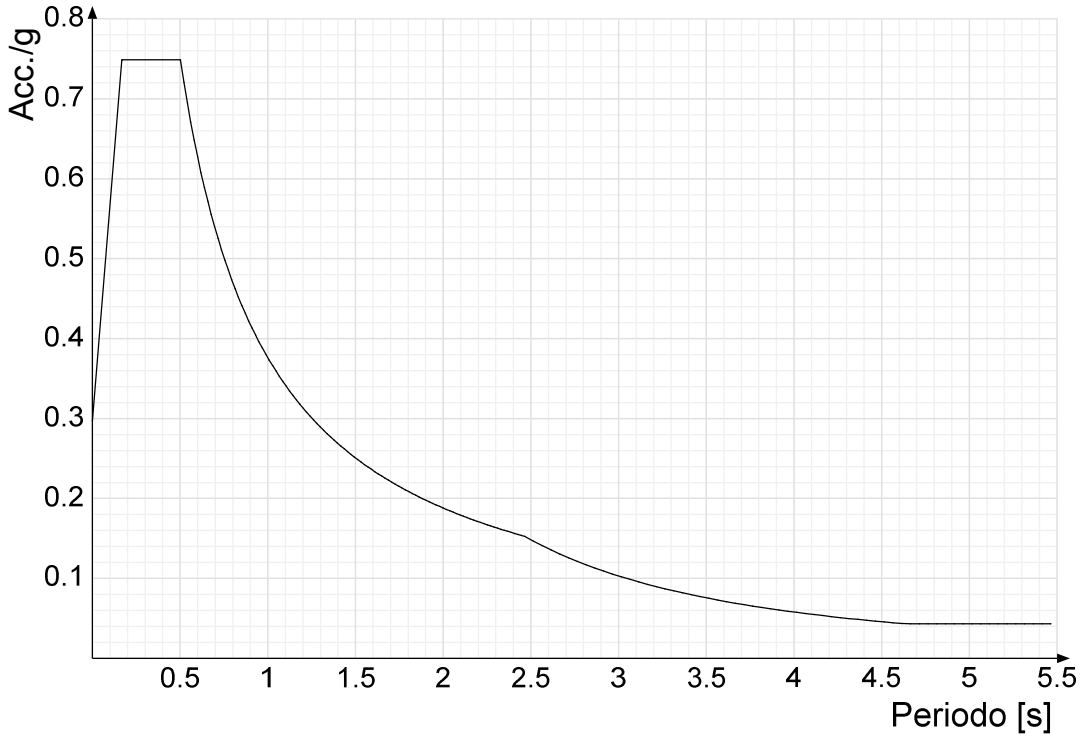
Spettro di risposta di progetto in accelerazione delle componenti orizzontali SLO § 3.2.3.4



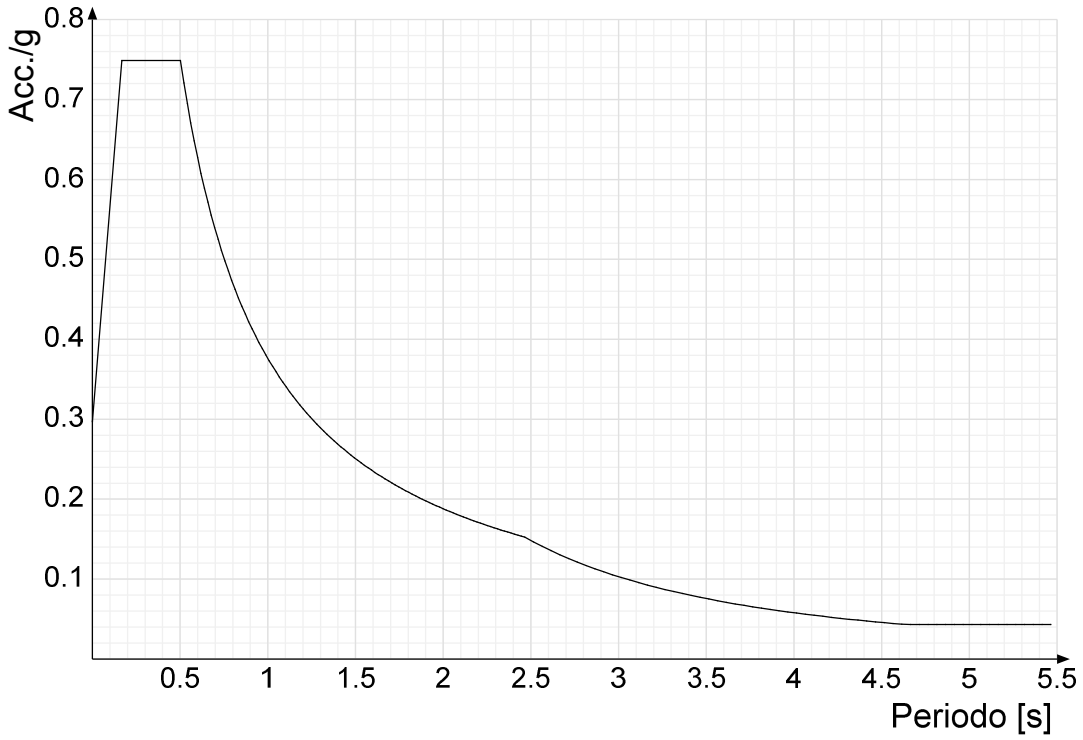
Spettro di risposta di progetto in accelerazione delle componenti orizzontali SLD § 7.3.7.1



Spettro di risposta di progetto in accelerazione della componente X SLV § 3.2.3.5

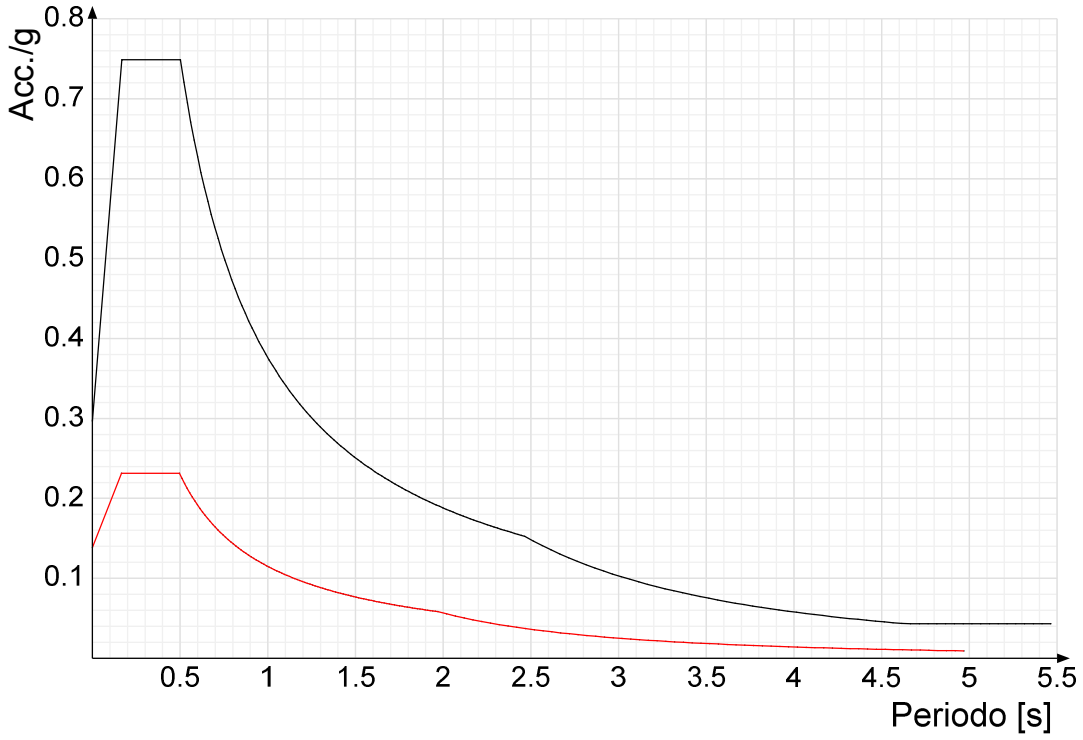


Spettro di risposta di progetto in accelerazione della componente Y SLV § 3.2.3.5



Confronti spettri SLV-SLD

Vengono confrontati lo spettro Spettro di risposta di progetto in accelerazione delle componenti orizzontali SLD § 7.3.7.1 (di colore rosso) e Spettro di risposta di progetto in accelerazione della componente X SLV § 3.2.3.5 (di colore nero).
Questo confronto tra spettri è valido anche per l'altra componente orizzontale, essendo coincidente.



3.1.3 Preferenze di verifica

3.1.3.1 Normativa di verifica in uso

Norma di verifica	D.M. 14-01-08 (N.T.C.)
Cemento armato	Preferenze analisi di verifica in stato limite
Legno	Preferenze di verifica legno D.M. 14-01-08 (N.T.C.)
Acciaio	Preferenze di verifica acciaio D.M. 14-01-08 (N.T.C.)
Alluminio	Preferenze di verifica alluminio EC9
Pannelli in gessofibra	Preferenze di verifica pannelli gessofibra D.M. 14-01-08 (N.T.C.)

3.1.3.2 Normativa di verifica C.A.

Coefficiente di omogeneizzazione	15
γs (fattore di sicurezza parziale per l'acciaio)	1.15
γc (fattore di sicurezza parziale per il calcestruzzo)	1.5
Limite σc/fck in combinazione rara	0.6

Limite σc/fck in combinazione quasi permanente	0.45	
Limite σf/fyk in combinazione rara	0.8	
Coefficiente di riduzione della τ per cattiva aderenza	0.7	
Dimensione limite fessure w1 §4.1.2.2.4.1	0.02	[cm]
Dimensione limite fessure w2 §4.1.2.2.4.1	0.03	[cm]
Dimensione limite fessure w3 §4.1.2.2.4.1	0.04	[cm]
Fattori parziali di sicurezza unitari per meccanismi duttili di strutture esistenti con fattore q	No	
Copriferro secondo EC2	Si	

3.1.3.3 Normativa di verifica acciaio

γm0	1.05	
γm1	1.05	
γm2	1.25	
Coefficiente riduttivo per effetto vettoriale	0.7	
Calcolo coefficienti C1, C2, C3 per Mcr	automatico	
Coefficienti α, β per flessione deviata	unitari	
Verifica semplificata conservativa	si	
L/e0 iniziale per profili accoppiati compressi	500	
Metodo semplificato formula (4.2.76)	si	
Escludi 6.2.6.7 e 6.2.6.8 in 7.5.4.4 e 7.5.4.6	si	
Applica Nota 1 del prospetto 6.2	si	
Riduzione fy per tubi tondi di classe 4	no	
Effettua la verifica secondo 6.2.8 con irrigidimenti superiori (piastra di base)	si	
Limite spostamento relativo interpiano e monopiano colonne	0.00333	
Limite spostamento relativo complessivo multipiano colonne	0.002	
Considera taglio resistente estremità sagomati	no	
Fattori parziali di sicurezza unitari per meccanismi duttili di strutture esistenti con fattore q	no	

3.1.4 Preferenze FEM

Dimensione massima ottimale mesh pareti (default)	80	[cm]
Dimensione massima ottimale mesh piastre (default)	80	[cm]
Tipo di mesh dei gusci (default)	Quadrilateri o triangoli	
Tipo di mesh imposta ai gusci	Specifico dell'elemento	
Metodo P-Delta	non utilizzato	
Analisi buckling	non utilizzata	
Rapporto spessore flessionale/membranale gusci muratura verticali	0.2	
Spessori membranale e flessionale pareti XLAM da sole tavole verticali	No	
Moltiplicatore rigidezza connettori pannelli pareti legno a diaframma	1	
Tolleranza di parallelismo	4.99	[deg]
Tolleranza di unicità punti	5	[cm]
Tolleranza generazione nodi di aste	1	[cm]
Tolleranza di parallelismo in suddivisione aste	4.99	[deg]
Tolleranza generazione nodi di gusci	4	[cm]
Tolleranza eccentricità carichi concentrati	100	[cm]
Considera deformazione a taglio delle piastre	Si	
Modello elastico pareti in muratura	Gusci	
Concentra masse pareti nei vertici	No	
Segno risultati analisi spettrale	Analisi statica	
Memoria utilizzabile dal solutore	8000000	
Metodo di risoluzione della matrice	AspenTech MA57	
Scrivi commenti nel file di input	No	
Scrivi file di output in formato testo	No	
Solidi colle e corpi ruvidi (default)	Solidi reali	
Moltiplicatore rigidezza molla torsionale applicata ad aste di fondazione	1	
Modello trave su suolo alla Winkler nel caso di modellazione lineare	Equilibrio elastico	

3.1.5 Moltiplicatori inerziali

***Tipologia**: Tipo di entità a cui si riferiscono i moltiplicatori inerziali.*
***J2**: Moltiplicatore inerziale di J2. Il valore è adimensionale.*
***J3**: Moltiplicatore inerziale di J3. Il valore è adimensionale.*
***Jt**: Moltiplicatore inerziale di Jt. Il valore è adimensionale.*
***A**: Moltiplicatore dell'area della sezione. Il valore è adimensionale.*
***A2**: Moltiplicatore dell'area a taglio in direzione 2. Il valore è adimensionale.*
***A3**: Moltiplicatore dell'area a taglio in direzione 3. Il valore è adimensionale.*
***Conci rigidi**: Fattore di riduzione dei tronchi rigidi. Il valore è adimensionale.*

Tipologia	J2	J3	Jt	A	A2	A3	Conci rigidi
Trave C.A.	1	1	0.01	1	1	1	0.5
Pilastro C.A.	1	1	0.01	1	1	1	0.5
Trave di fondazione	1	1	0.01	1	1	1	0.5
Palo	1	1	0.01	1	1	1	0
Trave in legno	1	1	1	1	1	1	1
Colonna in legno	1	1	1	1	1	1	1
Trave in acciaio	1	1	1	1	1	1	1
Colonna in acciaio	1	1	1	1	1	1	1
Trave di reticolare in acciaio	1	1	1	1	1	1	1
Maschio in muratura	0	1	0	1	1	1	1
Trave di accoppiamento in muratura	0	1	0	1	1	1	1
Trave di scala C.A. nervata	1	1	1	1	1	1	0.5
Trave tralicciata	1	1	0.01	1	1	1	0.5

3.1.6 Preferenze di analisi carichi superficiali

Detrazione peso proprio solai nelle zone di sovrapposizione	non applicata	
Metodo di ripartizione	a zone d'influenza	
Percentuale carico calcolato a trave continua	0	
Esegui smoothing diagrammi di carico	applicata	
Tolleranza smoothing altezza trapezi	0.001	[daN/cm]
Tolleranza smoothing altezza media trapezi	0.001	[daN/cm]

3.1.7 Preferenze del suolo

Fondazioni non modellate e struttura bloccata alla base	no	
Fondazioni bloccate orizzontalmente	no	
Considera peso sismico delle fondazioni	no	
Fondazioni superficiali e profonde su suolo elastoplastico	no	
Coefficiente di sottofondo verticale per fondazioni superficiali (default)	0.5	[daN/cm³]
Rapporto di coefficiente sottofondo orizzontale/verticale	0.5	
Pressione verticale limite sul terreno per abbassamento (default)	10	[daN/cm²]
Pressione verticale limite sul terreno per innalzamento (default)	0.001	[daN/cm²]
Metodo di calcolo della K verticale	Vesic	

Metodo di calcolo della portanza e della pressione limite	Hansen	
Terreno laterale di riporto da piano posa fondazioni (default)	Limo con argilla_Castellaneta_1	
Dimensione massima della discretizzazione del palo (default)	100	[cm]
Moltiplicatore coesione per pressione orizzontale limite nei pali	1	
Moltiplicatore spinta passiva per pressione orizzontale pali	1	
K punta palo (default)	4	[daN/cm³]
Pressione limite punta palo (default)	10	[daN/cm²]
Pressione per verifica schiacciamento fondazioni superficiali	12	[daN/cm²]
Calcola cedimenti fondazioni superficiali	si	
Spessore massimo strato	100	[cm]
Profondità massima	3000	[cm]
Cedimento assoluto ammissibile	5	[cm]
Cedimento differenziale ammissibile	5	[cm]
Cedimento relativo ammissibile	5	[cm]
Rapporto di inflessione F/L ammissibile	0.003333	
Rotazione rigida ammissibile	0.191	[deg]
Rotazione assoluta ammissibile	0.191	[deg]
Distorsione positiva ammissibile	0.191	[deg]
Distorsione negativa ammissibile	0.095	[deg]
Considera fondazioni compensate	si	
Coefficiente di riduzione della a Max attesa	0.31	
Condizione per la valutazione della spinta su pareti	Lungo termine	
Considera l'azione sismica del terreno anche su pareti sotto lo zero sismico	no	
Calcola cedimenti teorici pali	no	
Considera accorciamento del palo	si	
Distanza influenza cedimento palo	1000	[cm]
Distribuzione attrito laterale	Attrito laterale uniforme	
Ripartizione del carico	Ripartizione come da modello FEM	
Scelta terreno laterale	Media pesata degli strati coinvolti	
Scelta terreno punta	Media pesata degli strati coinvolti	
Cedimento assoluto ammissibile	5	[cm]
Cedimento medio ammissibile	5	[cm]
Cedimento differenziale ammissibile	5	[cm]
Rotazione rigida ammissibile	0.191	[deg]
Trascura la coesione efficace in verifica allo scorrimento	no	
Considera inclinazione spinta del terreno contro pareti	si	
Esegui verifica a liquefazione	no	
Metodo di verifica liquefazione	Seed-Idriss (1982)	
Coeff. di sicurezza minimo a liquefazione	1.3	
Magnitudo scaling factor per liquefazione	1	

3.2 Azioni e carichi

3.2.1 Condizioni elementari di carico

***Descrizione**: Nome assegnato alla condizione elementare.*
***Nome breve**: Nome breve assegnato alla condizione elementare.*
***I/II**: Descrive la classificazione della condizione (necessario per strutture in acciaio e in legno).*
***Durata**: Descrive la durata della condizione (necessario per strutture in legno).*
***Psi0**: Coefficiente moltiplicatore Psi0. Il valore è adimensionale.*
***Psi1**: Coefficiente moltiplicatore Psi1. Il valore è adimensionale.*
***Psi2**: Coefficiente moltiplicatore Psi2. Il valore è adimensionale.*
***Var.segno**: Descrive se la condizione elementare ha la possibilità di variare di segno.*

Descrizione	Nome breve	I/II	Durata	Psi0	Psi1	Psi2	Var.segno
Pesi strutturali	Pesi		Permanente				
Permanenti portati	Port.	I	Permanente				
Sovraccarico terreno	Sovraccarico terreno	I	Media	0.7	0.5	0.3	
Neve	Neve	I	Media	0.5	0.2	0	
Variabile copertura	Variabile copertura	I	Media	0	0	0	
Variabile calpestii, scale e pianerottoli	Variabile calpestii, scale e pianerottoli	I	Media	0.7	0.7	0.6	
1% X	1% X	II	Istantaneo				
1% Y	1% Y	II	Istantaneo				
ΔT	ΔT	II	Media	0.6	0.5	0	Si
Sisma X SLV	X SLV						
Sisma Y SLV	Y SLV						
Sisma Z SLV	Z SLV						
Eccentricità Y per sisma X SLV	EY SLV						
Eccentricità X per sisma Y SLV	EX SLV						
Sisma X SLO	X SLO						
Sisma Y SLO	Y SLO						
Sisma Z SLO	Z SLO						
Eccentricità Y per sisma X SLO	EY SLO						
Eccentricità X per sisma Y SLO	EX SLO						
Terreno sisma X SLV	Tr x SLV						
Terreno sisma Y SLV	Tr y SLV						
Terreno sisma Z SLV	Tr z SLV						
Terreno sisma X SLO	Tr x SLO						
Terreno sisma Y SLO	Tr y SLO						
Terreno sisma Z SLO	Tr z SLO						
Rig. Ux	R Ux						
Rig. Uy	R Uy						
Rig. Rz	R Rz						

3.2.2 Combinazioni di carico

***Nome**: E' il nome esteso che contraddistingue la condizione elementare di carico.*
***Nome breve**: E' il nome compatto della condizione elementare di carico, che viene utilizzato altrove nella relazione.*
***Pesi**: Pesi strutturali*
***Port.**: Permanenti portati*
***Sovraccarico terreno**: Sovraccarico terreno*
***Neve**: Neve*
***Variabile copertura**: Variabile copertura*
***Variabile calpestii, scale e pianerottoli**: Variabile calpestii, scale e pianerottoli*
***1% X**: 1% X*

***1% Y**: 1% Y*
***ΔT**: ΔT*
***X SLO**: Sisma X SLO*
***Y SLO**: Sisma Y SLO*
***Z SLO**: Sisma Z SLO*
***EY SLO**: Eccentricità Y per sisma X SLO*
***EX SLO**: Eccentricità X per sisma Y SLO*
***Tr x SLO**: Terreno sisma X SLO*
***Tr y SLO**: Terreno sisma Y SLO*
***Tr z SLO**: Terreno sisma Z SLO*
***X SLV**: Sisma X SLV*
***Y SLV**: Sisma Y SLV*
***Z SLV**: Sisma Z SLV*
***EY SLV**: Eccentricità Y per sisma X SLV*
***EX SLV**: Eccentricità X per sisma Y SLV*
***Tr x SLV**: Terreno sisma X SLV*
***Tr y SLV**: Terreno sisma Y SLV*
***Tr z SLV**: Terreno sisma Z SLV*
***R Ux**: Rig. Ux*
***R Uy**: Rig. Uy*
***R Rz**: Rig. Rz*

Tutte le combinazioni di carico vengono raggruppate per famiglia di appartenenza. Le celle di una riga contengono i coefficienti moltiplicatori della i-esima combinazione, dove il valore della prima cella è da intendersi come moltiplicatore associato alla prima condizione elementare, la seconda cella si riferisce alla seconda condizione elementare e così via.

Famiglia SLU

Il nome compatto della famiglia è SLU.

Nome	Nome breve	Pesi	Port.	Sovraccarico terreno	Neve	Variabile copertura	Variabile calpestii, scale e pianerottoli	1% X	1% Y	ΔT
1	SLU 1	1	1.4	1.4	1.4	1.4	1.4	-1	-1	0
2	SLU 2	1	1.4	1.4	1.4	1.4	1.4	-1	1	0
3	SLU 3	1	1.4	1.4	1.4	1.4	1.4	1	-1	0
4	SLU 4	1	1.4	1.4	1.4	1.4	1.4	1	1	0
5	SLU 5	1.3	1.4	1.4	1.4	1.4	1.4	-1	-1	0
6	SLU 6	1.3	1.4	1.4	1.4	1.4	1.4	-1	1	0
7	SLU 7	1.3	1.4	1.4	1.4	1.4	1.4	1	-1	0
8	SLU 8	1.3	1.4	1.4	1.4	1.4	1.4	1	1	0

Famiglia SLE rara

Il nome compatto della famiglia è SLE RA.

Nome	Nome breve	Pesi	Port.	Sovraccarico terreno	Neve	Variabile copertura	Variabile calpestii, scale e pianerottoli	ΔT
1	SLE RA 1	1	1	0.9	0.9	0.9	0.9	0

Famiglia SLE frequente

Il nome compatto della famiglia è SLE FR.

Nome	Nome breve	Pesi	Port.	Sovraccarico terreno	Neve	Variabile copertura	Variabile calpestii, scale e pianerottoli	ΔT
1	SLE FR 1	1	1	0.9	0.9	0.9	0.9	0

Famiglia SLE quasi permanente

Il nome compatto della famiglia è SLE QP.

Nome	Nome breve	Pesi	Port.	Sovraccarico terreno	Neve	Variabile copertura	Variabile calpestii, scale e pianerottoli	ΔT
1	SLE QP 1	1	1	0	0	0	0	0
2	SLE QP 2	1	1	0	0	0	0.6	0
3	SLE QP 3	1	1	0.3	0	0	0	0
4	SLE QP 4	1	1	0.3	0	0	0.6	0

Famiglia SLU eccezionale

Il nome compatto della famiglia è SLU EX.

Nome	Nome breve	Pesi	Port.	Sovraccarico terreno	Neve	Variabile copertura	Variabile calpestii, scale e pianerottoli	ΔT

Famiglia SLO

Il nome compatto della famiglia è SLO.

Poiché il numero di condizioni elementari previste per le combinazioni di questa famiglia è cospicuo, la tabella verrà spezzata in più parti.

Nome	Nome breve	Pesi	Port.	Sovraccarico terreno	Neve	Variabile copertura	Variabile calpestii, scale e pianerottoli	ΔT	X SLO
1	SLO 1	1	1	0.3	0	0	0.6	0	-1
2	SLO 2	1	1	0.3	0	0	0.6	0	-1
3	SLO 3	1	1	0.3	0	0	0.6	0	-1
4	SLO 4	1	1	0.3	0	0	0.6	0	-1
5	SLO 5	1	1	0.3	0	0	0.6	0	-0.3
6	SLO 6	1	1	0.3	0	0	0.6	0	-0.3
7	SLO 7	1	1	0.3	0	0	0.6	0	-0.3
8	SLO 8	1	1	0.3	0	0	0.6	0	-0.3
9	SLO 9	1	1	0.3	0	0	0.6	0	0.3
10	SLO 10	1	1	0.3	0	0	0.6	0	0.3
11	SLO 11	1	1	0.3	0	0	0.6	0	0.3
12	SLO 12	1	1	0.3	0	0	0.6	0	0.3
13	SLO 13	1	1	0.3	0	0	0.6	0	1
14	SLO 14	1	1	0.3	0	0	0.6	0	1
15	SLO 15	1	1	0.3	0	0	0.6	0	1
16	SLO 16	1	1	0.3	0	0	0.6	0	1

Nome	Nome breve	Y SLO	Z SLO	EY SLO	EX SLO	Tr x SLO	Tr y SLO	Tr z SLO
1	SLO 1	-0.3	0	-1	0.3	-1	-0.3	0
2	SLO 2	-0.3	0	1	-0.3	-1	-0.3	0
3	SLO 3	0.3	0	-1	0.3	-1	0.3	0
4	SLO 4	0.3	0	1	-0.3	-1	0.3	0
5	SLO 5	-1	0	-0.3	1	-0.3	-1	0
6	SLO 6	-1	0	0.3	-1	-0.3	-1	0
7	SLO 7	1	0	-0.3	1	-0.3	1	0
8	SLO 8	1	0	0.3	-1	-0.3	1	0

Nome	Nome breve	Y SLO	Z SLO	EY SLO	EX SLO	Tr x SLO	Tr y SLO	Tr z SLO
9	SLO 9	-1	0	-0.3	1	0.3	-1	0
10	SLO 10	-1	0	0.3	-1	0.3	-1	0
11	SLO 11	1	0	-0.3	1	0.3	1	0
12	SLO 12	1	0	0.3	-1	0.3	1	0
13	SLO 13	-0.3	0	-1	0.3	1	-0.3	0
14	SLO 14	-0.3	0	1	-0.3	1	-0.3	0
15	SLO 15	0.3	0	-1	0.3	1	0.3	0
16	SLO 16	0.3	0	1	-0.3	1	0.3	0

Famiglia SLV

Il nome compatto della famiglia è SLV.

Poiché il numero di condizioni elementari previste per le combinazioni di questa famiglia è cospicuo, la tabella verrà spezzata in più parti.

Nome	Nome breve	Pesi	Port.	Sovraccarico terreno	Neve	Variabile copertura	Variabile calpestii, scale e pianerottoli	ΔT	X SLV
1	SLV 1	1	1	0.3	0	0	0.6	0	-1
2	SLV 2	1	1	0.3	0	0	0.6	0	-1
3	SLV 3	1	1	0.3	0	0	0.6	0	-1
4	SLV 4	1	1	0.3	0	0	0.6	0	-1
5	SLV 5	1	1	0.3	0	0	0.6	0	-0.3
6	SLV 6	1	1	0.3	0	0	0.6	0	-0.3
7	SLV 7	1	1	0.3	0	0	0.6	0	-0.3
8	SLV 8	1	1	0.3	0	0	0.6	0	-0.3
9	SLV 9	1	1	0.3	0	0	0.6	0	0.3
10	SLV 10	1	1	0.3	0	0	0.6	0	0.3
11	SLV 11	1	1	0.3	0	0	0.6	0	0.3
12	SLV 12	1	1	0.3	0	0	0.6	0	0.3
13	SLV 13	1	1	0.3	0	0	0.6	0	1
14	SLV 14	1	1	0.3	0	0	0.6	0	1
15	SLV 15	1	1	0.3	0	0	0.6	0	1
16	SLV 16	1	1	0.3	0	0	0.6	0	1

Nome	Nome breve	Y SLV	Z SLV	EY SLV	EX SLV	Tr x SLV	Tr y SLV	Tr z SLV
1	SLV 1	-0.3	0	-1	0.3	-1	-0.3	0
2	SLV 2	-0.3	0	1	-0.3	-1	-0.3	0
3	SLV 3	0.3	0	-1	0.3	-1	0.3	0
4	SLV 4	0.3	0	1	-0.3	-1	0.3	0
5	SLV 5	-1	0	-0.3	1	-0.3	-1	0
6	SLV 6	-1	0	0.3	-1	-0.3	-1	0
7	SLV 7	1	0	-0.3	1	-0.3	1	0
8	SLV 8	1	0	0.3	-1	-0.3	1	0
9	SLV 9	-1	0	-0.3	1	0.3	-1	0
10	SLV 10	-1	0	0.3	-1	0.3	-1	0
11	SLV 11	1	0	-0.3	1	0.3	1	0
12	SLV 12	1	0	0.3	-1	0.3	1	0
13	SLV 13	-0.3	0	-1	0.3	1	-0.3	0
14	SLV 14	-0.3	0	1	-0.3	1	-0.3	0
15	SLV 15	0.3	0	-1	0.3	1	0.3	0
16	SLV 16	0.3	0	1	-0.3	1	0.3	0

Famiglia SLV fondazioni

Il nome compatto della famiglia è SLV FO.

Poiché il numero di condizioni elementari previste per le combinazioni di questa famiglia è cospicuo, la tabella verrà spezzata in più parti.

Nome	Nome breve	Pesi	Port.	Sovraccarico terreno	Neve	Variabile copertura	Variabile calpestii, scale e pianerottoli	ΔT	X SLV
1	SLV FO 1	1	1	0.3	0	0	0.6	0	-1
2	SLV FO 2	1	1	0.3	0	0	0.6	0	-1
3	SLV FO 3	1	1	0.3	0	0	0.6	0	-1
4	SLV FO 4	1	1	0.3	0	0	0.6	0	-1
5	SLV FO 5	1	1	0.3	0	0	0.6	0	-0.3
6	SLV FO 6	1	1	0.3	0	0	0.6	0	-0.3
7	SLV FO 7	1	1	0.3	0	0	0.6	0	-0.3
8	SLV FO 8	1	1	0.3	0	0	0.6	0	-0.3
9	SLV FO 9	1	1	0.3	0	0	0.6	0	0.3
10	SLV FO 10	1	1	0.3	0	0	0.6	0	0.3
11	SLV FO 11	1	1	0.3	0	0	0.6	0	0.3
12	SLV FO 12	1	1	0.3	0	0	0.6	0	0.3
13	SLV FO 13	1	1	0.3	0	0	0.6	0	1
14	SLV FO 14	1	1	0.3	0	0	0.6	0	1
15	SLV FO 15	1	1	0.3	0	0	0.6	0	1
16	SLV FO 16	1	1	0.3	0	0	0.6	0	1

Nome	Nome breve	Y SLV	Z SLV	EY SLV	EX SLV	Tr x SLV	Tr y SLV	Tr z SLV
1	SLV FO 1	-0.3	0	-1	0.3	-1	-0.3	0
2	SLV FO 2	-0.3	0	1	-0.3	-1	-0.3	0
3	SLV FO 3	0.3	0	-1	0.3	-1	0.3	0
4	SLV FO 4	0.3	0	1	-0.3	-1	0.3	0
5	SLV FO 5	-1	0	-0.3	1	-0.3	-1	0
6	SLV FO 6	-1	0	0.3	-1	-0.3	-1	0
7	SLV FO 7	1	0	-0.3	1	-0.3	1	0
8	SLV FO 8	1	0	0.3	-1	-0.3	1	0
9	SLV FO 9	-1	0	-0.3	1	0.3	-1	0
10	SLV FO 10	-1	0	0.3	-1	0.3	-1	0
11	SLV FO 11	1	0	-0.3	1	0.3	1	0
12	SLV FO 12	1	0	0.3	-1	0.3	1	0
13	SLV FO 13	-0.3	0	-1	0.3	1	-0.3	0
14	SLV FO 14	-0.3	0	1	-0.3	1	-0.3	0
15	SLV FO 15	0.3	0	-1	0.3	1	0.3	0
16	SLV FO 16	0.3	0	1	-0.3	1	0.3	0

Famiglia Calcolo rigidezza torsionale/flessionale di piano

Il nome compatto della famiglia è CRTFP.

Nome	Nome breve	R Ux	R Uy	R Rz
Rig. Ux+	CRTFP Ux+	1	0	0
Rig. Ux-	CRTFP Ux-	-1	0	0
Rig. Uy+	CRTFP Uy+	0	1	0
Rig. Uy-	CRTFP Uy-	0	-1	0

Nome	Nome breve	R Ux	R Uy	R Rz
Rig. Rz+	CRTFP Rz+	0	0	1
Rig. Rz-	CRTFP Rz-	0	0	-1

3.2.3 Definizioni di carichi lineari

***Nome**: Nome identificativo della definizione di carico.*
***Valori**: Valori associati alle condizioni di carico.*
***Condizione**: Condizione di carico a cui sono associati i valori.*
***Descrizione**: Nome assegnato alla condizione elementare.*
***Fx i.**: Valore iniziale della forza, per unità di lunghezza, agente in direzione X. [daN/cm]*
***Fx f.**: Valore finale della forza, per unità di lunghezza, agente in direzione X. [daN/cm]*
***Fy i.**: Valore iniziale della forza, per unità di lunghezza, agente in direzione Y. [daN/cm]*
***Fy f.**: Valore finale della forza, per unità di lunghezza, agente in direzione Y. [daN/cm]*
***Fz i.**: Valore iniziale della forza, per unità di lunghezza, agente in direzione Z. [daN/cm]*
***Fz f.**: Valore finale della forza, per unità di lunghezza, agente in direzione Z. [daN/cm]*
***Mx i.**: Valore iniziale della coppia, per unità di lunghezza, agente attorno l'asse X. [daN]*
***Mx f.**: Valore finale della coppia, per unità di lunghezza, agente attorno l'asse X. [daN]*
***My i.**: Valore iniziale della coppia, per unità di lunghezza, agente attorno l'asse Y. [daN]*
***My f.**: Valore finale della coppia, per unità di lunghezza, agente attorno l'asse Y. [daN]*
***Mz i.**: Valore iniziale della coppia, per unità di lunghezza, agente attorno l'asse Z. [daN]*
***Mz f.**: Valore finale della coppia, per unità di lunghezza, agente attorno l'asse Z. [daN]*

Nome	Valori											
	Condizione	Fx i.	Fx f.	Fy i.	Fy f.	Fz i.	Fz f.	Mx i.	Mx f.	My i.	My f.	Mz i.	Mz f.
	Descrizione												
carroponte +_1	Pesi strutturali	0	0	0	0	0	0	0	0	0	0	0	0
	Permanenti portati	0	0	0	0	-11	-11	0	0	165	165	0	0
	Sovraccarico terreno	0	0	0	0	0	0	0	0	0	0	0	0
	Neve	0	0	0	0	0	0	0	0	0	0	0	0
	Variabile copertura	0	0	0	0	0	0	0	0	0	0	0	0
	Variabile calpestii, scale e pianerottoli	0	0	0	0	0	0	0	0	0	0	0	0
carroponte -_1	Pesi strutturali	0	0	0	0	0	0	0	0	0	0	0	0
	Permanenti portati	0	0	0	0	-11	-11	0	0	-165	-165	0	0
	Sovraccarico terreno	0	0	0	0	0	0	0	0	0	0	0	0
	Neve	0	0	0	0	0	0	0	0	0	0	0	0
	Variabile copertura	0	0	0	0	0	0	0	0	0	0	0	0
	Variabile calpestii, scale e pianerottoli	0	0	0	0	0	0	0	0	0	0	0	0

3.2.4 Definizioni di carichi superficiali

***Nome**: Nome identificativo della definizione di carico.*
***Valori**: Valori associati alle condizioni di carico.*
***Condizione**: Condizione di carico a cui sono associati i valori.*
***Descrizione**: Nome assegnato alla condizione elementare.*
***Valore**: Modulo del carico superficiale applicato alla superficie. [daN/cm²]*
***Applicazione**: Modalità con cui il carico è applicato alla superficie.*

Nome	Valori		
	Condizione	Valore	Applicazione
	Descrizione		
Sovraccarico terreno_2	Pesi strutturali	0	Verticale
	Permanenti portati	0	Verticale
	Sovraccarico terreno	0.2	Verticale
	Neve	0	Verticale
	Variabile copertura	0	Verticale
	Variabile calpestii, scale e pianerottoli	0	Verticale
Copertura tegoli_1	Pesi strutturali	0.035	Verticale
	Permanenti portati	0.02	Verticale
	Sovraccarico terreno	0	Verticale
	Neve	0.005	Verticale
	Variabile copertura	0.005	Verticale
	Variabile calpestii, scale e pianerottoli	0	Verticale
Pianerottolo ingresso_1	Pesi strutturali	0	Verticale
	Permanenti portati	0.01	Verticale
	Sovraccarico terreno	0	Verticale
	Neve	0	Verticale in proiezione
	Variabile copertura	0	Verticale
	Variabile calpestii, scale e pianerottoli	0.2	Verticale in proiezione
Calpestii_2	Pesi strutturali	0	Verticale
	Permanenti portati	0.008	Verticale
	Sovraccarico terreno	0	Verticale
	Neve	0	Verticale in proiezione
	Variabile copertura	0	Verticale
	Variabile calpestii, scale e pianerottoli	0.02	Verticale in proiezione
Zona apparecchiature_2	Pesi strutturali	0	Verticale
	Permanenti portati	0.008	Verticale
	Sovraccarico terreno	0	Verticale
	Neve	0	Verticale in proiezione
	Variabile copertura	0	Verticale
	Variabile calpestii, scale e pianerottoli	0.05	Verticale in proiezione
Pianerottolo accesso vasche_1	Pesi strutturali	0	Verticale
	Permanenti portati	0.008	Verticale
	Sovraccarico terreno	0	Verticale
	Neve	0	Verticale in proiezione

Nome	Valori		
	Condizione	Valore	Applicazione
	Descrizione		
	Variabile copertura	0	Verticale
	Variabile calpestii, scale e pianerottoli	0.04	Verticale in proiezione
scale_1	Pesi strutturali	0	Verticale
	Permanenti portati	0.01	Verticale in proiezione
	Sovraccarico terreno	0	Verticale
	Neve	0	Verticale in proiezione
	Variabile copertura	0	Verticale
	Variabile calpestii, scale e pianerottoli	0.04	Verticale in proiezione

3.3 Quote

3.3.1 Livelli

***Descrizione breve**: Nome sintetico assegnato al livello.*
***Descrizione**: Nome assegnato al livello.*
***Quota**: Quota superiore espressa nel sistema di riferimento assoluto. [cm]*
***Spessore**: Spessore del livello. [cm]*

Descrizione breve	Descrizione	Quota	Spessore
L1	Fondo chiusura idraulica	-400	0
L2	Fondo pozzetti scarico	-275	0
L3	Fondazione lato vasche	-5	0
L4	Fondazione 2	106	0
L5	Pianerottolo riposo ingresso	264	0
L6	Piano copertura cunicolo	270	0
L7	Pianerottolo riposo accesso vasche	595	0
L8	Pianerottolo ingresso	630	0
L9	Piano copertura vasca	727	0
L10	Pianerottolo accesso vasche	730	0
L11	Carroponti	1172	0
L12	Piano copertura	1300	0

3.3.2 Tronchi

***Descrizione breve**: Nome sintetico assegnato al tronco.*
***Descrizione**: Nome assegnato al tronco.*
***Quota 1**: Riferimento della prima quota di definizione del tronco. esprimibile come livello, falda, piano orizzontale alla Z specificata. [cm]*
***Quota 2**: Riferimento della seconda quota di definizione del tronco. esprimibile come livello, falda, piano orizzontale alla Z specificata. [cm]*

Descrizione breve	Descrizione	Quota 1	Quota 2
T1	Fondazione 2 - Piano copertura vasca	Fondazione 2	Piano copertura vasca
T2	Piano copertura cunicolo - Piano copertura	Piano copertura cunicolo	Piano copertura
T3	Fondo chiusura idraulica - Fondo pozzetti scarico	Fondo chiusura idraulica	Fondo pozzetti scarico
T4	Piano copertura cunicolo - Carroponti	Piano copertura cunicolo	Carroponti
T5	Carroponti - Piano copertura	Carroponti	Piano copertura
T6	Fondazione lato vasche - Fondazione 2	Fondazione lato vasche	Fondazione 2
T7	Fondazione lato vasche - Piano copertura_1	Fondazione lato vasche	Piano copertura
T8	Fondazione lato vasche - Piano copertura cunicolo_1	Fondazione lato vasche	Piano copertura cunicolo
T9	Fondo chiusura idraulica - Fondazione lato vasche_1	Fondo chiusura idraulica	Fondazione lato vasche
T10	Fondo pozzetti scarico - Fondazione lato vasche_1	Fondo pozzetti scarico	Fondazione lato vasche
T11	Pianerottolo ingresso - Pianerottolo riposo ingresso_1	Pianerottolo ingresso	Pianerottolo riposo ingresso
T12	Pianerottolo ingresso - Pianerottolo riposo accesso vasche_1	Pianerottolo ingresso	Pianerottolo riposo accesso vasche
T13	Pianerottolo riposo accesso vasche - Pianerottolo accesso vasche_1	Pianerottolo riposo accesso vasche	Pianerottolo accesso vasche
T14	Fondazione lato vasche - Carroponti_1	Fondazione lato vasche	Carroponti
T15	Fondazione lato vasche - Pianerottolo ingresso_1	Fondazione lato vasche	Pianerottolo ingresso
T16	Pianerottolo riposo ingresso - Fondazione lato vasche_1	Pianerottolo riposo ingresso	Fondazione lato vasche
T17	Fondo chiusura idraulica - Fondazione lato ingresso	Fondo chiusura idraulica	Fondazione 2
T18	Fondazione lato ingresso - Pianerottolo ingresso	Fondazione 2	Pianerottolo ingresso
T19	Fondazione lato ingresso - Carroponti	Fondazione 2	Carroponti
T20	Fondazione lato ingresso - Piano copertura	Fondazione 2	Piano copertura
T21	Pianerottolo ingresso - Pianerottolo accesso vasche	Pianerottolo ingresso	Pianerottolo accesso vasche

3.4 Elementi di input

3.4.1 Travi C.A.

3.4.1.1 Travi C.A. di piano

***Sezione**: Riferimento ad una definizione di sezione C.A..*
***P.i.**: Posizione dei punti d'inserimento rispetto alla geometria della sezione. SA=Sinistra anima, CA=Centro anima, DA=Destra anima*
***Liv.**: Quota del punto di inserimento iniziale. esprimibile come livello, falda, piano orizzontale alla Z specificata. [cm]*
***Punto i.**: Punto di inserimento iniziale.*
***X**: Coordinata X. [cm]*
***Y**: Coordinata Y. [cm]*
***Punto f.**: Punto di inserimento finale.*
***X**: Coordinata X. [cm]*
***Y**: Coordinata Y. [cm]*
***Estr.**: Distanza dalla quota di inserimento misurata in direzione ortogonale al piano della quota e con verso positivo verso l'alto. [cm]*
***Mat.**: Riferimento ad una definizione di materiale calcestruzzo.*

***Car.lin.**: Riferimento alla definizione di un carico lineare.L: valori del carico espressi nel sistema locale dell'elemento.G: valori del carico espressi nel sistema globale.*
***DeltaT**: Riferimento alla definizione di una variazione termica. Accetta anche il valore "Nessuno".*
***Sovr.**: Aliquota di sovraresistenza da assicurare in verifica.*
***S.Z**: Indica se l'elemento deve essere verificato considerando il sisma verticale.*
***C.i.**: Svincolo o cerniera da applicare al relativo estremo dell'asta nel modello.*
***C.f.**: Svincolo o cerniera da applicare al relativo estremo dell'asta nel modello.*
***P.lin.**: Peso per unità di lunghezza. [daN/cm]*

Sezione	P.i.	Liv.	Punto i.		Punto f.		Estr.	Mat.	Car.lin.	DeltaT	Sovr.	S.Z	C.i.	C.f.	P.lin.
			X	Y	X	Y									
R 40x70	SA	L8	-90	-455	725	-455	0	C35/45_1	Nessuno; G		0	No	No	No	7
R 40x70	SA	L8	-110	-870	-110	-455	0	C35/45_1	Nessuno; G		0	No	No	No	7
R 45x80	SA	L10	-100	945	100	945	0	C35/45_1	Nessuno; G		0	No	No	No	9
R 30x40	CA	L11	725	930	100	930	0	C25/30	Nessuno; G		0	No	No	No	3
R 30x40	CA	L11	-100	930	-750	930	0	C25/30	Nessuno; G		0	No	No	No	3
R 30x40	CA	L11	-100	967.5	-750	967.5	0	C25/30	Nessuno; G		0	No	No	No	3
R 30x40	CA	L11	725	967.5	100	967.5	0	C25/30	Nessuno; G		0	No	No	No	3
R 45x80	SA	L12	-100	945	100	945	0	C35/45_1	Nessuno; G		0	No	No	No	9

3.4.1.2 Travi C.A. tra quote

***Sezione**: Riferimento ad una definizione di sezione C.A..*
***P.i.**: Posizione dei punti d'inserimento rispetto alla geometria della sezione. SA=Sinistra anima, CA=Centro anima, DA=Destra anima*
***Quota i.**: Quota del punto di inserimento iniziale. esprimibile come livello, falda, piano orizzontale alla Z specificata. [cm]*
***Quota f.**: Quota del punto di inserimento finale. esprimibile come livello, falda, piano orizzontale alla Z specificata. [cm]*
***Punto i.**: Punto di inserimento iniziale.*
  ***X**: Coordinata X. [cm]*
  ***Y**: Coordinata Y. [cm]*
***Punto f.**: Punto di inserimento finale.*
  ***X**: Coordinata X. [cm]*
  ***Y**: Coordinata Y. [cm]*
***Mat.**: Riferimento ad una definizione di materiale calcestruzzo.*
***Car.lin.**: Riferimento alla definizione di un carico lineare.L: valori del carico espressi nel sistema locale dell'elemento.G: valori del carico espressi nel sistema globale.*
***DeltaT**: Riferimento alla definizione di una variazione termica. Accetta anche il valore "Nessuno".*
***Sovr.**: Aliquota di sovraresistenza da assicurare in verifica.*
***S.Z**: Indica se l'elemento deve essere verificato considerando il sisma verticale.*
***C.i.**: Svincolo o cerniera da applicare al relativo estremo dell'asta nel modello.*
***C.f.**: Svincolo o cerniera da applicare al relativo estremo dell'asta nel modello.*
***P.lin.**: Peso per unità di lunghezza. [daN/cm]*

Sezione	P.i.	Quota i.	Quota f.	Punto i.		Punto f.		Mat.	Car.lin.	DeltaT	Sovr.	S.Z	C.i.	C.f.	P.lin.
				X	Y	X	Y								
R 30x40	CA	650	650	-750	935	725	935	C25/30	Nessuno; G		0	No	No	No	3
R 30x40	CA	650	650	-750	971.2	-300	971.2	C25/30	Nessuno; G		0	No	No	No	3

3.4.2 Scale C.A.

3.4.2.1 Scale C.A. ad una rampa

***Nome**: Identificazione dell'elemento per i riferimenti dei pezzi di scala*
***T.m.**: Tipo di modellazione FEM. R=Trave rampante, N=Trave nervata, G=Gusci*
***Tr.**: Riferimento al tronco indicante la quota inferiore e superiore.*
***Punto iniziale**: Punto iniziale di inserimento della scala.*
  ***X**: Coordinata X. [cm]*
  ***Y**: Coordinata Y. [cm]*
***Punto finale**: Punto finale di inserimento della scala.*
  ***X**: Coordinata X. [cm]*
  ***Y**: Coordinata Y. [cm]*
***P.i.**: Posizione dei punti d'inserimento rispetto alla geometria della scala. S=Sinistra, D=Destra*
***Finitura partenza**: Spessore della finitura al piano di partenza. [cm]*
***Finitura arrivo**: Spessore della finitura al piano di arrivo. [cm]*
***Finitura alzate**: Spessore della finitura delle alzate dei gradini. [cm]*
***Finitura pedate**: Spessore della finitura delle pedate dei gradini. [cm]*
***Peso finitura**: Peso specifico medio della finitura, impiegato nell'analisi dei carichi; viene computato nella condizione 'Permanenti portati' o, in mancanza di questa, nella condizione 'Permanenti'. [daN/cm³]*
***Mat.**: Riferimento ad una definizione di calcestruzzo.*
  ***Desc.**: Descrizione o nome assegnato all'elemento.*
***Carico**: Riferimento alla definizione di un carico di superficie.*
***Alzata (A)**: Misura dell'alzata di ciascun gradino; in genere è compresa tra i 13 e i 20 cm. [cm]*
***Pedata (P)**: Misura della pedata di ciascun gradino: la legge sulle barriere architettoniche (D.M. Ministero dei LL. PP. 14/06/89 n°236) richiede una pedata minima di 30 cm. [cm]*
***2A+P**: In architettura è nota come formula di "Blondel": la legge sulle barriere architettoniche (D.M. Ministero dei LL. PP. 14/06/89 n°236) richiede un valore compreso tra 62 e 64 cm. [cm]*

Nome	T.m.	Tr.	Punto iniziale		Punto finale		P.i.	Finitura partenza	Finitura arrivo	Finitura alzate	Finitura pedate	Peso finitura	Mat.	Carico	Alzata (A)	Pedata (P)	2A+P
			X	Y	X	Y							Desc.				
ST2	G	T21	500	-455	500	-275	S	7	8	2	3	0.002	C35/45_1	scale_1	16.8	36	69.7

3.4.2.2 Scale C.A. a due rampe tre pianerottoli

***Nome**: Identificazione dell'elemento per i riferimenti dei pezzi di scala*
***T.m.**: Tipo di modellazione FEM. R=Trave rampante, N=Trave nervata, G=Gusci*
***Tr.**: Riferimento al tronco indicante la quota inferiore e superiore.*
***Punto iniziale**: Punto iniziale di inserimento della scala.*
* ***X**: Coordinata X. [cm]*
* ***Y**: Coordinata Y. [cm]*
***Punto piega 1**: Punto in cui si articolano la prima e la seconda parte rettilinee della scala.*
* ***X**: Coordinata X. [cm]*
* ***Y**: Coordinata Y. [cm]*
***Punto piega 2**: Punto in cui si articolano la seconda e la terza parte rettilinee della scala.*
* ***X**: Coordinata X. [cm]*
* ***Y**: Coordinata Y. [cm]*
***Punto finale**: Punto finale di inserimento della scala.*
* ***X**: Coordinata X. [cm]*
* ***Y**: Coordinata Y. [cm]*
***P.i.**: Posizione dei punti d'inserimento rispetto alla geometria della scala. S=Sinistra, D=Destra*
***Finitura partenza**: Spessore della finitura al piano di partenza. [cm]*
***Finitura arrivo**: Spessore della finitura al piano di arrivo. [cm]*
***Finitura alzate**: Spessore della finitura delle alzate dei gradini. [cm]*
***Finitura pedate**: Spessore della finitura delle pedate dei gradini. [cm]*
***Peso finitura**: Peso specifico medio della finitura, impiegato nell'analisi dei carichi; viene computato nella condizione 'Permanenti portati' o, in mancanza di questa, nella condizione 'Permanenti'. [daN/cm³]*
***Mat.**: Riferimento ad una definizione di calcestruzzo.*
* ***Desc.**: Descrizione o nome assegnato all'elemento.*
***Carico**: Riferimento alla definizione di un carico di superficie.*
***Alzata (A)**: Misura dell'alzata di ciascun gradino; in genere è compresa tra i 13 e i 20 cm. [cm]*
***Pedata (P)**: Misura della pedata di ciascun gradino: la legge sulle barriere architettoniche (D.M. Ministero dei LL. PP. 14/06/89 n°236) richiede una pedata minima di 30 cm. [cm]*
***2A+P**: In architettura è nota come formula di "Blondel": la legge sulle barriere architettoniche (D.M. Ministero dei LL. PP. 14/06/89 n°236) richiede un valore compreso tra 62 e 64 cm. [cm]*

Nome	T.m.	Tr.	Punto iniziale		Punto piega 1		Punto piega 2		Punto finale		P.i.	Finitura partenza	Finitura arrivo	Finitura alzate	Finitura pedate	Peso finitura	Mat.	Carico	Alzata (A)	Pedata (P)	2A+P
			X	Y	X	Y	X	Y	X	Y							Desc.				
ST1	G	T18	-140	-740	-500	-740	-500	-745	-110	-745	S	7	8	2	3	0.002	C35/45_1	scale_1	20.2	30	70.4

3.4.2.3 Piastre di scale C.A.

***Scala**: Identificatore della scala C.A. a cui appartiene l'elemento*
***Elemento**: Funzionalità dell'elemento nella scala.*
***Spessore**: Spessore. [cm]*
***Larghezza**: Larghezza. [cm]*
***Lunghezza**: Lunghezza. Misurata sul bordo di inserimento della scala. [cm]*
***N.a.**: Numero di alzate.*

Scala	Elemento	Spessore	Larghezza	Lunghezza	N.a.
ST1	Rampa 1	12	100	330	12
ST1	Pianerottolo 1	20	100	30	
ST1	Pianerottolo 2	20	100	5	
ST1	Pianerottolo 3	20	100	0	
ST1	Rampa 2	12	100	390	14
ST2	Rampa	15	100	180	6

3.4.3 Pilastri C.A.

***Tr.**: Riferimento al tronco indicante la quota inferiore e superiore.*
***Sezione**: Riferimento ad una definizione di sezione C.A..*
***P.i.**: Posizione del punto di inserimento rispetto alla geometria della sezione. SS=Sinistra-sotto, SC=Sinistra-centro, SA=Sinistra-alto, CS=Centro-sotto, CC=Centro-centro, CA=Centro-alto, DS=Destra-sotto, DC=Destra-centro, DA=Destra-alto*
***Punto**: Posizione del punto di inserimento rispetto alla geometria della sezione.*
* ***X**: Coordinata X. [cm]*
* ***Y**: Coordinata Y. [cm]*
***Ang.**: Angolo misurato dal semiasse positivo delle ascisse in verso antiorario. [deg]*
***Mat.**: Riferimento ad una definizione di calcestruzzo.*
***Car.lin.**: Riferimento alla definizione di un carico lineare.L: valori del carico espressi nel sistema locale dell'elemento.G: valori del carico espressi nel sistema globale.*
***DeltaT**: Riferimento alla definizione di una variazione termica. Accetta anche il valore "Nessuno".*
***Sovr.**: Aliquota di sovraresistenza da assicurare in verifica.*
***S.Z**: Indica se l'elemento deve essere verificato considerando il sisma verticale.*
***C.i.**: Svincolo o cerniera da applicare al relativo estremo dell'asta nel modello.*
***C.f.**: Svincolo o cerniera da applicare al relativo estremo dell'asta nel modello.*
***P.lin.**: Peso per unità di lunghezza. [daN/cm]*
***Corr.**: Lista di elementi correlati all'elemento generati durante la modellazione.*

Tr.	Sezione	P.i.	Punto		Ang.	Mat.	Car.lin.	DeltaT	Sovr.	S.Z	C.i.	C.f.	P.lin.	Corr.
			X	Y										
T8	R 60x50	DC	750	340	0	C35/45_1	Nessuno; G		0	No	No	No	7.5	37
T18	R 40x40	SA	250	-455	0	C35/45_1	Nessuno; G		0	No	No	No	4	36
T18	R 40x40	SA	-110	-455	0	C35/45_1	Nessuno; G		0	No	No	No	4	1

3.4.4 Fondazioni di piastre

***Descrizione breve**: Descrizione breve usata nelle tabelle dei capitoli delle piastre di fondazione.*
***Stratigrafia**: Stratigrafia del terreno nel punto medio in pianta dell'elemento.*
***Sondaggio**: È possibile indicare esplicitamente un sondaggio definito nelle preferenze oppure richiedere di estrapolare il sondaggio dalla definizione del sito espressa nelle preferenze.*
***Estradosso**: Distanza dalla quota superiore del sondaggio misurata in verticale con verso positivo verso l'alto. [cm]*
***Deformazione volumetrica**: Valore della deformazione volumetrica impiegato nel calcolo della pressione limite a rottura con la formula di Vesic. Il valore*

è adimensionale. Accetta anche il valore di default espresso nelle preferenze.
***K verticale**: Coefficiente di sottofondo verticale del letto di molle. [daN/cm³]*
***Limite compressione**: Pressione limite di plasticizzazione a compressione del letto di molle. [daN/cm²]*
***Limite trazione**: Pressione limite di plasticizzazione a trazione del letto di molle. [daN/cm²]*

Descrizione breve	Stratigrafia			K verticale	Limite compressione	Limite trazione
	Sondaggio	Estradosso	Deformazione volumetrica			
FS1	Piu' vicino in sito	0		Da Stratigrafia (0.24)	Default (10)	Default (0.001)
FS2	Piu' vicino in sito	0		Da Stratigrafia (0.208)	Da Stratigrafia (31.453)	Da Stratigrafia (0.25)
FS3	Piu' vicino in sito	0		Da Stratigrafia (0.371)	Da Stratigrafia (23.245)	Da Stratigrafia (0.25)
FS4	Piu' vicino in sito	0		Da Stratigrafia (0.181)	Da Stratigrafia (21.901)	Da Stratigrafia (0.25)
FS5	Piu' vicino in sito	0		Da Stratigrafia (0.154)	Da Stratigrafia (20.403)	Da Stratigrafia (0.25)
FS6	Piu' vicino in sito	0		Da Stratigrafia (0.34)	Da Stratigrafia (29.434)	Da Stratigrafia (0.25)
FS7	Piu' vicino in sito	0		Da Stratigrafia (0.365)	Da Stratigrafia (30.566)	Da Stratigrafia (0.25)
FS8	Piu' vicino in sito	0		Da Stratigrafia (0.258)	Da Stratigrafia (21.926)	Da Stratigrafia (0.25)
FS9	Piu' vicino in sito	0		Da Stratigrafia (0.203)	Da Stratigrafia (22.812)	Da Stratigrafia (0.25)
FS10	Piu' vicino in sito	0		Da Stratigrafia (0.352)	Da Stratigrafia (24.703)	Da Stratigrafia (0.25)
FS11	Piu' vicino in sito	0		Da Stratigrafia (0.209)	Da Stratigrafia (24.129)	Da Stratigrafia (0.25)
FS12	Piu' vicino in sito	0		Da Stratigrafia (0.144)	Da Stratigrafia (20.337)	Da Stratigrafia (0.25)
FS13	Piu' vicino in sito	0		Da Stratigrafia (0.435)	Da Stratigrafia (23.247)	Da Stratigrafia (0.25)

3.4.5 Piastre C.A.

3.4.5.1 Piastre C.A. di piano

***Livello**: Quota di inserimento espressa con notazione breve esprimibile come livello, falda, piano orizzontale alla Z specificata. [cm]*
***Sp.**: Spessore misurato in direzione ortogonale al piano medio dell'elemento. [cm]*
***Punti**: Punti di definizione in pianta.*
***I.**: Indice del punto corrente nell'insieme dei punti di definizione dell'elemento.*
***X**: Coordinata X. [cm]*
***Y**: Coordinata Y. [cm]*
***Estr.**: Distanza dalla quota di inserimento misurata in direzione ortogonale al piano della quota e con verso positivo verso l'alto. [cm]*
***Mat.**: Riferimento ad una definizione di calcestruzzo.*
***Car.sup.**: Riferimento alla definizione di un carico superficiale. Accetta anche il valore "Nessuno".*
***Car.pot.**: Riferimento alla definizione di un carico potenziale. Accetta anche il valore "Nessuno".*
***DeltaT**: Riferimento alla definizione di una variazione termica. Accetta anche il valore "Nessuno".*
***Sovr.**: Aliquota di sovraresistenza da assicurare in verifica.*
***S.Z**: Indica se l'elemento deve essere verificato considerando il sisma verticale.*
***P.sup.**: Peso per unità di superficie. [daN/cm²]*
***Fond.**: Riferimento alla fondazione sottostante l'elemento.*
***Fori**: Riferimenti a tutti gli elementi che forano la piastra.*

Livello	Sp.	Punti			Estr.	Mat.	Car.sup.	Car.pot.	DeltaT	Sovr.	S.Z	P.sup.	Fond.	Fori
		I.	X	Y										
L1	50	1	725	-165	0	C35/45_1	Calpestii_2			0	No	0.125	FS6	
		2	-180	-165										
		3	-180	-355										
		4	725	-355										
L2	120	1	-725	925	0	C35/45_1	Calpestii_2			0	No	0.3	FS1	
		2	-725	580										
		3	725	580										
		4	725	925										
L2	120	1	0	1075	0	C35/45_1	Sovraccarico terreno_2			0	No	0.3	FS2	
		2	0	925										
		3	725	925										
		4	725	580										
		5	0	580										
		6	0	430										
		7	875	430										
		8	875	1075										
L2	120	1	-875	1075	0	C35/45_1	Sovraccarico terreno_2			0	No	0.3	FS2	
		2	-875	430										
		3	0	430										
		4	0	580										
		5	-725	580										
		6	-725	925										
		7	0	925										
		8	0	1075										
L2	80	1	-10	135	0	C35/45_1				0	No	0.2	FS7	
		2	-190	135										
		3	-190	-185										
		4	-10	-185										
L3	30	1	-725	580	0	C35/45_1	Zona apparecchiature_2			0	No	0.075		H1, H2, H3
		2	725	580										
		3	725.2	925										
		4	-725	925										
L3	150	1	-725	310	0	C35/45_1	Sovraccarico terreno_2			0	No	0.375	FS3	
		2	-849.6	310										
		3	-849.6	-65										
		4	-725	-65										
L3	150	1	-725	580	0	C35/45_1	Zona apparecchiature_2			0	No	0.375	FS4	

Livello	Sp.	Punti			Estr.	Mat.	Car.sup.	Car.pot.	DeltaT	Sovr.	S.Z	P.sup.	Fond.	Fori
		I.	X	Y										
		2	-725	120										
		3	750	120										
		4	750	580										
L3	150	1	-175	-165	0	C35/45_1	Zona apparecchiature_2			0	No	0.375	FS8	H4, H5, H6, H7
		2	-175	-355										
		3	750	-355										
		4	750	-165										
L3	150	1	-25	120	0	C35/45_1	Zona apparecchiature_2			0	No	0.375	FS9	
		2	-25	-165										
		3	750	-165										
		4	750	120										
L3	150	1	-25	120	0	C35/45_1	Zona apparecchiature_2			0	No	0.375	FS10	H8
		2	-175	120										
		3	-175	-165										
		4	-25	-165										
L3	150	1	-725	120	0	C35/45_1	Zona apparecchiature_2			0	No	0.375	FS11	
		2	-725	-65										
		3	-400	-65										
		4	-400	-185										
		5	-175	-185										
		6	-175	120										
L3	150	1	849.9	-355	0	C35/45_1	Sovraccarico terreno_2			0	No	0.375	FS13	
		2	849.9	-40										
		3	749.8	-40										
		4	749.8	-355										
L4	150	1	725	-870	0	C35/45_1	Calpestii_2			0	No	0.375	FS5	
		2	725	-355										
		3	-175	-355										
		4	-175	-185										
		5	-400	-185										
		6	-400	-65										
		7	-725	-65										
		8	-725	-870										
L4	150	1	850	-355	0	C35/45_1	Sovraccarico terreno_2			0	No	0.375	FS12	
		2	725	-355										
		3	725	-870										
		4	-725	-870										
		5	-725	-65										
		6	-850	-65										
		7	-850	-995										
		8	850	-995										
L10	30	1	500	705	0	C35/45_1	Pianerottolo accesso vasche_1			0	No	0.075		
		2	500	-275										
		3	700	-275										
		4	700	905										
		5	-700	905										
		6	-700	705										

3.4.6 Pareti C.A.

***Tr.**: Riferimento al tronco indicante la quota inferiore e superiore.*
***Sp.**: Spessore misurato in direzione ortogonale al piano medio dell'elemento. [cm]*
***P.i.**: Posizione del punto di inserimento rispetto ad una sezione verticale, vista dal punto iniziale verso il punto finale.*
***Punto i.**: Punto iniziale in pianta.*
***X**: Coordinata X. [cm]*
***Y**: Coordinata Y. [cm]*
***Punto f.**: Punto finale in pianta.*
***X**: Coordinata X. [cm]*
***Y**: Coordinata Y. [cm]*
***Mat.**: Riferimento ad una definizione di calcestruzzo.*
***Car.pot.**: Riferimento alla definizione di un carico potenziale. Accetta anche il valore "Nessuno".*
***DeltaT**: Riferimento alla definizione di una variazione termica. Accetta anche il valore "Nessuno".*
***Sovr.**: Aliquota di sovraresistenza da assicurare in verifica.*
***S.Z**: Indica se l'elemento deve essere verificato considerando il sisma verticale.*
***Aperture**: Riferimenti a tutti gli elementi che forano la parete.*

Tr.	Sp.	P.i.	Punto i.		Punto f.		Mat.	Car.pot.	DeltaT	Sovr.	S.Z	Aperture
			X	Y	X	Y						
T9	40	Sinistra	-25	-145	725	-145	C35/45_1			0	No	
T9	40	Sinistra	725	-375	-180	-375	C35/45_1			0	No	
T9	40	Sinistra	-200	-355	-200	-165	C35/45_1			0	No	
T3	40	Sinistra	-180	-145	-25	-145	C35/45_1			0	No	
T9	50	Sinistra	750	-165	750	-355	C35/45_1			0	No	
T10	30	Sinistra	-190	-165	-190	120	C35/45_1			0	No	
T10	50	Sinistra	-725	950	725.2	950	C35/45_1			0	No	
T10	50	Destra	-725	555	725	555	C35/45_1			0	No	
T10	40	Sinistra	-180	-145	-25	-145	C35/45_1			0	No	
T10	50	Destra	-750	925	-750	580	C35/45_1			0	No	
T10	30	Sinistra	-175	135	-25	135	C35/45_1			0	No	
T10	50	Destra	750	580	750	925	C35/45_1			0	No	
T10	30	Sinistra	-10	120	-10	-165	C35/45_1			0	No	
T6	40	Centro	-850	-65	-725	-65	C35/45_1			0	No	
T6	40	Centro	725	-355	-175	-355	C35/45_1			0	No	
T6	40	Centro	-175	-184.3	-400	-184.3	C35/45_1			0	No	
T6	40	Centro	-180	-355	-180	-184.3	C35/45_1			0	No	
T6	40	Centro	-400	-184.3	-400	-65	C35/45_1			0	No	
T6	40	Centro	-725	-65	-400	-65	C35/45_1			0	No	
T14	50	Sinistra	-750	-45	-750	355	C35/45_1			0	No	W6
T14	45	Sinistra	-725	945	-100	945	C35/45_1			0	No	
T6	40	Centro	850	-355	725	-355	C35/45_1			0	No	
T14	45	Sinistra	100	945	725	945	C35/45_1			0	No	

Tr.	Sp.	P.i.	Punto i.		Punto f.		Mat.	Car.pot.	DeltaT	Sovr.	S.Z	Aperture
			X	Y	X	Y						
T14	50	Sinistra	750	5	750	-355	C35/45_1			0	No	W2, W3
T20	50	Sinistra	725	-895	-725	-895	C35/45_1			0	No	W1
T19	50	Sinistra	750	-355	750	-870	C35/45_1			0	No	W2
T19	50	Sinistra	-750	-870	-750	-45	C35/45_1			0	No	W5, W6
T4	50	Sinistra	750	340	750	5	C35/45_1			0	No	W3
T4	50	Sinistra	750	945	750	340	C35/45_1			0	No	W4
T4	50	Sinistra	-750	355	-750	927.5	C35/45_1			0	No	W7
T5	50	Centro	725	340	725	5	C35/45_1			0	No	
T5	50	Centro	725	5	725	-355	C35/45_1			0	No	
T5	50	Centro	725	-355	725	-870	C35/45_1			0	No	
T5	50	Centro	-725	-870	-725	-45	C35/45_1			0	No	
T5	45	Centro	-750	922.5	-100	922.5	C35/45_1			0	No	
T5	45	Centro	100	922.5	723.6	922.5	C35/45_1			0	No	
T5	50	Centro	-725	-45	-725	355	C35/45_1			0	No	
T5	50	Centro	-725	355	-725	927.5	C35/45_1			0	No	
T5	50	Centro	725	945	725	340	C35/45_1			0	No	

3.4.7 Aperture su pareti

***Desc.**: Descrizione breve dell'apertura utilizzata dalle pareti.*
***Tr.**: Riferimento al tronco indicante la quota inferiore e superiore.*
***Sp.**: Spessore misurato in direzione ortogonale al piano medio dell'elemento. [cm]*
***P.i.**: Posizione del punto di inserimento rispetto ad una sezione verticale, vista dal punto iniziale verso il punto finale.*
***Porta**: Apertura fino al pavimento o presenza della chiusura inferiore.*
***Architrave**: Presenza della chiusura superiore o apertura fino al soffitto.*
***Larghezza**: Larghezza della finestra. [cm]*
***Altezza**: Altezza della finestra. [cm]*
***Dist.inf.**: Distanza dalla quota inferiore. [cm]*
***Dist.lat.**: Distanza dal punto di riferimento. [cm]*
***Punto di rif.**: Primo punto di riferimento in pianta.*
***X**: Coordinata X. [cm]*
***Y**: Coordinata Y. [cm]*
***Punto di dir.**: Secondo punto in pianta che, in coppia col punto di riferimento, definisce la direzione e quindi il piano verticale su cui giace l'apertura.*
***X**: Coordinata X. [cm]*
***Y**: Coordinata Y. [cm]*

Desc.	Tr.	Sp.	P.i.	Porta	Architrave	Larghezza	Altezza	Dist.inf.	Dist.lat.	Punto di rif.		Punto di dir.	
										X	Y	X	Y
W2	T7	50	Sinistra	No	Si	400	100	807	0	750	-295	750	-695
W4	T7	50	Sinistra	No	Si	400	100	807	0	750	755	750	355
W3	T7	50	Sinistra	No	Si	400	100	807	0	750	230	750	-170
W5	T7	50	Sinistra	No	Si	400	100	807	0	-700	-295	-700	-695
W6	T7	50	Sinistra	No	Si	400	100	807	0	-700	230	-700	-170
W7	T7	50	Sinistra	No	Si	400	100	807	0	-700	755	-700	355
W1	T12	50	Destra	Si	Si	400	300		0	15	-895	515	-895

3.4.8 Carichi lineari

3.4.8.1 Carichi lineari di piano

***Carico**: Riferimento alla definizione di un carico lineare.*
***Livello**: Quota del punto di inserimento iniziale. esprimibile come livello, falda, piano orizzontale alla Z specificata. [cm]*
***Punto i.**: Punto di inserimento iniziale.*
***X**: Coordinata X. [cm]*
***Y**: Coordinata Y. [cm]*
***Punto f.**: Punto di inserimento finale.*
***X**: Coordinata X. [cm]*
***Y**: Coordinata Y. [cm]*
***Estr.**: Distanza dalla quota di inserimento misurata in direzione ortogonale al piano della quota e con verso positivo verso l'alto. [cm]*

Carico	Livello	Punto i.		Punto f.		Estr.
		X	Y	X	Y	
carroponte -_1	Carroponti	725	950	725	330	0
carroponte -_1	Carroponti	725	330	725	5	0
carroponte -_1	Carroponti	725	5	725	-355	0
carroponte -_1	Carroponti	725	-355	725	-870	0
carroponte +_1	Carroponti	-725	927.5	-725	355	0
carroponte +_1	Carroponti	-725	355	-725	-45	0
carroponte +_1	Carroponti	-725	-45	-725	-870	0

3.4.9 Carichi superficiali

3.4.9.1 Comportamenti membranali

***Descrizione breve**: Descrizione breve usata nelle tabelle dei carichi superficiali.*
***Materiale**: Riferimento ad una definizione di calcestruzzo.N.B.: il peso degli elementi finiti membrana non viene computato.*
***Spessore**: Spessore degli elementi membrana generati dalla modellazione. [cm]*
***Variazione termica**: Riferimento alla definizione di una variazione termica. Accetta anche il valore "Nessuno".*

Descrizione breve	Materiale	Spessore	Variazione termica
ME1	C35/45_1	25	Nessuno

3.4.9.2 Carichi superficiali di piano

***Carico**: Riferimento alla definizione di un carico di superficie.*
***Solaio**: Riferimento alla definizione di una sezione di solaio. Accetta anche il valore "Nessuno".*
***Liv.**: Quota di inserimento espressa con notazione breve esprimibile come livello, falda, piano orizzontale alla Z specificata. [cm]*
***Punti**: Punti di definizione in pianta.*
***Indice**: Indice del punto corrente nell'insieme dei punti di definizione dell'elemento.*
***X**: Coordinata X. [cm]*
***Y**: Coordinata Y. [cm]*
***Estr.**: Distanza dalla quota di inserimento misurata in direzione ortogonale al piano della quota e con verso positivo verso l'alto. [cm]*
***Angolo**: Direzione delle nervature che trasmettono il carico.Angolo misurato dal semiasse positivo delle ascisse in verso antiorario. [deg]*
***Comp.**: Descrizione sintetica del comportamento del carico superficiale o, nel caso di comportamento membranale, riferimento alla decrizione analitica della membrana.*

***Fori**: Riferimenti a tutti gli elementi che forano il carico superficiale.*

Carico	Solaio	Liv.	Punti			Estr.	Angolo	Comp.	Fori
			Indice	X	Y				
Pianerottolo ingresso_1	C.A.; Pre 20x(5+30+5)/60; C35/45_1; XD2; 250	L8	1	725	-870	0	90	ME1	
			2	725	-475				
			3	-90	-475				
			4	-90	-870				
Copertura tegoli_1		L12	1	-725	-870	0	0	Rigido	
			2	725	-870				
			3	725	925				
			4	-725	925				

3.4.10 Carichi terreno

3.4.10.1 Carichi terreno di piano

***Liv.**: Quota superiore del punto di inserimento iniziale. esprimibile come livello, falda, piano orizzontale alla Z specificata. [cm]*
***Q. lim. inf.**: Quota limite inferiore del diagramma di spinta. esprimibile come livello, falda, piano orizzontale alla Z specificata. [cm]*
***P.ini.**: Punto di inserimento iniziale.*
***X**: Coordinata X. [cm]*
***Y**: Coordinata Y. [cm]*
***P.fin.**: Punto di inserimento finale.*
***X**: Coordinata X. [cm]*
***Y**: Coordinata Y. [cm]*
***Dim.**: Dimensione del simbolo. [cm]*
***Pos.**: Posizione del terreno rispetto ai due punti di definizione.*
***Ang.**: Angolo di inclinazione, rispetto l'orizzontale, del profilo superiore del terreno nella direzione normale alla parete. [deg]*
***Terreno**: Riferimento alla definizione di un terreno.*
***Metodo spinta terra**: Metodo di valutazione della spinta del terreno: "Spinta a riposo Ko + Wood" per muri rigidamente vincolati; "Mononobe-Okabe" per muri liberi al piede.*
***Distr. sp. sism.**: Distribuzione della spinta sismica del terreno: "Costante" per muri rigidamente vincolati; "Litostatico", "Litostatico inverso" per muri liberi al piede.*
***Coeff. Bm**: Coefficiente Bm di riduzione dell'accelerazione massima attesa al sito. Per muri che non siano in grado di subire spostamenti relativi rispetto al terreno o in presenza di terreni non coesivi saturi, il coefficiente Bm assume valore unitario. Il valore è adimensionale.*
***Falda**: Permette di definire l'eventuale falda freatica.*
***Sovr.**: Riferimento alla definizione di un carico di superficie, pensato uniformemente distribuito al di sopra del terreno. Accetta anche il valore "Nessuno".*

Liv.	Q. lim. inf.	P.ini.		P.fin.		Dim.	Pos.	Ang.	Terreno	Metodo spinta terra	Distr. sp. sism.	Coeff. Bm	Falda	Sovr.
		X	Y	X	Y									
L3		-675	555	500	555	Default (100)	Destra	0	Terreno vegetale_spinta pareti_1	Spinta a riposo Ko + Wood	Costante	1		Sovraccarico terreno_2
L3		-725	925	725	925	Default (100)	Sinistra	0	Terreno vegetale_spinta pareti_1	Spinta a riposo Ko + Wood	Costante	1		Sovraccarico terreno_2
L3		-10	-145	700	-145	Default (100)	Sinistra	0	Terreno vegetale_spinta pareti_1	Spinta a riposo Ko + Wood	Costante	1		Sovraccarico terreno_2
L3		-190	-145	-190	120	Default (100)	Sinistra	0	Terreno vegetale_spinta pareti_1	Spinta a riposo Ko + Wood	Costante	1		Sovraccarico terreno_2
L3		-175	135	-25	135	Default (100)	Sinistra	0	Terreno vegetale_spinta pareti_1	Spinta a riposo Ko + Wood	Costante	1		Sovraccarico terreno_2
L3		-10	120	-10	-145	Default (100)	Sinistra	0	Terreno vegetale_spinta pareti_1	Spinta a riposo Ko + Wood	Costante	1		Sovraccarico terreno_2
L4		750	-375	-200	-375	Default (100)	Sinistra	0	Terreno vegetale_spinta pareti_1	Spinta a riposo Ko + Wood	Costante	1		Sovraccarico terreno_2
L4		-200	-355	-200	-205	Default (100)	Sinistra	0	Terreno vegetale_spinta pareti_1	Spinta a riposo Ko + Wood	Costante	1		Sovraccarico terreno_2
L8		-725	-895	725	-895	Default (100)	Destra	0	Terreno vegetale_spinta pareti_1	Spinta a riposo Ko + Wood	Costante	1		Sovraccarico terreno_2
L8		750	305	750	-870	Default (100)	Sinistra	0	Terreno vegetale_spinta pareti_1	Spinta a riposo Ko + Wood	Costante	1		Sovraccarico terreno_2
L8		-750	-870	-750	305	Default (100)	Sinistra	0	Terreno vegetale_spinta pareti_1	Spinta a riposo Ko + Wood	Costante	1		Sovraccarico terreno_2

3.4.11 Fori su piastre e carichi superficiali

3.4.11.1 Fori di piano

***Desc.**: Descrizione breve del foro utilizzata dagli elementi forabili come piastre e carichi superficiali.*
***Quota**: Quota di inserimento esprimibile come livello, falda, piano orizzontale alla Z specificata. [cm]*
***Livello**: Quota di inserimento espressa con notazione breve esprimibile come livello, falda, piano orizzontale alla Z specificata. [cm]*
***Estradosso**: Distanza dalla quota di inserimento misurata in direzione ortogonale al piano della quota e con verso positivo verso l'alto. [cm]*
***Spessore**: Spessore misurato in direzione ortogonale al piano medio dell'elemento. [cm]*
***Punti**: Punti di definizione in pianta.*
***Indice**: Indice del punto corrente nell'insieme dei punti di definizione dell'elemento.*

***X**: Coordinata X. [cm]*
***Y**: Coordinata Y. [cm]*

Desc.	Quota	Livello	Estradosso	Spessore	Punti		
					Indice	X	Y
H1	Fondazione lato vasche	L3	0	30	1	-444.9	778
					2	-354.9	778
					3	-354.9	868
					4	-444.9	868
H3	Fondazione lato vasche	L3	0	30	1	-44.9	778
					2	45.1	778
					3	45.1	868
					4	-44.9	868
H2	Fondazione lato vasche	L3	0	30	1	455.1	778
					2	545.1	778
					3	545.1	868
					4	455.1	868
H4	Fondazione lato vasche	L3	0	30	1	380	-215
					2	290	-215
					3	290	-305
					4	380	-305
H5	Fondazione lato vasche	L3	0	30	1	214.5	-185
					2	124.5	-185
					3	124.5	-335
					4	214.5	-335
H6	Fondazione lato vasche	L3	0	30	1	84.5	-185
					2	-5.5	-185
					3	-5.5	-335
					4	84.5	-335
H7	Fondazione lato vasche	L3	0	30	1	-35	-215
					2	-125	-215
					3	-125	-305
					4	-35	-305
H8	Fondazione lato vasche	L3	0	30	1	-40	-15
					2	-40	105
					3	-160	105
					4	-160	-15

4 Risultati numerici

4.1 Spostamenti di interpiano estremi

***Nodo inferiore**: Nodo inferiore.*
* ***I.**: Numero dell'elemento nell'insieme che lo contiene.*
* ***Pos.**: Coordinate del nodo.*
* ***X**: Coordinata X. [cm]*
* ***Y**: Coordinata Y. [cm]*
* ***Z**: Coordinata Z. [cm]*

***Nodo superiore**: Nodo superiore.*
* ***I.**: Numero dell'elemento nell'insieme che lo contiene.*
* ***Pos.**: Coordinate del nodo.*
* ***Z**: Coordinata Z. [cm]*

***Spost. rel.**: Spostamento relativo. Il valore è adimensionale.*

***Comb.**: Combinazione.*
* ***n.b.**: Nome breve o compatto della combinazione di carico.*

***Spostamento inferiore**: Spostamento in pianta del nodo inferiore.*
* ***X**: Coordinata X. [cm]*
* ***Y**: Coordinata Y. [cm]*

***Spostamento superiore**: Spostamento in pianta del nodo superiore.*
* ***X**: Coordinata X. [cm]*
* ***Y**: Coordinata Y. [cm]*

***S.V.**: Si intende non verificato qualora lo spostamento relativo sia superiore al valore limite espresso nelle preferenze di analisi.*

Questo capitolo mostra gli spostamenti estremi per ogni interpiano in ognuna delle combinazioni di carico.
Per spostamenti estremi si intendono i primi 5 spostamenti massimi tra tutti gli interpiani che condividono la stessa quota iniziale e la stessa quota finale.
limite SLO = 0,003333

Nodo inferiore				Nodo superiore		Spost. rel.	Comb.	Spostamento inferiore		Spostamento superiore		S.V.
I.	Pos.			I.	Pos.		n.b.	X	Y	X	Y	
	X	Y	Z		Z							
163	-175	120	-275	972	-5	0.002576	SLO 1	-0.855	1.037	-1.325	0.524	si
167	-25	120	-275	976	-5	0.002541	SLO 1	-0.855	0.967	-1.328	0.47	si
132	-180	-165	-275	829	-5	0.002537	SLO 1	-0.978	1.04	-1.434	0.529	si
135	-25	-165	-275	834	-5	0.002502	SLO 1	-0.979	0.969	-1.435	0.471	si
1378	725	-870	106	2668	630	0.002444	SLO 1	-1.877	0.266	-2.769	-0.653	si
163	-175	120	-275	972	-5	0.00257	SLO 2	-0.857	1.054	-1.323	0.541	si
167	-25	120	-275	976	-5	0.002534	SLO 2	-0.857	0.971	-1.326	0.473	si
132	-180	-165	-275	829	-5	0.002531	SLO 2	-1.004	1.058	-1.457	0.547	si
135	-25	-165	-275	834	-5	0.002495	SLO 2	-1.005	0.973	-1.458	0.474	si
1378	725	-870	106	2668	630	0.002438	SLO 2	-1.961	0.204	-2.847	-0.716	si
1378	725	-870	106	2668	630	0.001888	SLO 3	-1.813	1	-2.651	0.474	si
891	-400	-65	-5	1744	106	0.00187	SLO 3	-1.322	1.232	-1.518	1.163	si
884	-725	-65	-5	1740	106	0.00185	SLO 3	-1.322	1.335	-1.517	1.27	si
1972	725	922.5	270	3582	1172	0.001843	SLO 3	-1.413	0.955	-2.881	0.177	si
825	-400	-184.3	-5	1720	106	0.001823	SLO 3	-1.37	1.232	-1.56	1.163	si
1378	725	-870	106	2668	630	0.00188	SLO 4	-1.897	0.937	-2.729	0.411	si
891	-400	-65	-5	1744	106	0.00186	SLO 4	-1.336	1.269	-1.531	1.2	si
884	-725	-65	-5	1740	106	0.001839	SLO 4	-1.336	1.4	-1.53	1.335	si
1972	725	922.5	270	3582	1172	0.001831	SLO 4	-1.337	0.892	-2.793	0.112	si
825	-400	-184.3	-5	1720	106	0.001813	SLO 4	-1.395	1.269	-1.584	1.2	si
163	-175	120	-275	972	-5	0.002478	SLO 5	-0.259	0.435	-0.534	-0.175	si
167	-25	120	-275	976	-5	0.002442	SLO 5	-0.259	0.392	-0.536	-0.206	si
132	-180	-165	-275	829	-5	0.002442	SLO 5	-0.334	0.437	-0.586	-0.171	si
135	-25	-165	-275	834	-5	0.002411	SLO 5	-0.335	0.395	-0.588	-0.205	si
1586	-90	-475	106	2676	630	0.00231	SLO 5	-0.705	-0.429	-1.052	-1.588	si
163	-175	120	-275	972	-5	0.002475	SLO 6	-0.26	0.449	-0.532	-0.161	si
167	-25	120	-275	976	-5	0.002439	SLO 6	-0.26	0.395	-0.535	-0.203	si
132	-180	-165	-275	829	-5	0.002439	SLO 6	-0.355	0.452	-0.606	-0.157	si
135	-25	-165	-275	834	-5	0.002409	SLO 6	-0.356	0.398	-0.607	-0.202	si
1586	-90	-475	106	2676	630	0.002308	SLO 6	-0.746	-0.421	-1.088	-1.581	si
334	725	925	-275	1264	-5	0.001094	SLO 7	-0.253	1.598	-0.404	1.852	si
239	725	580	-275	1173	-5	0.001064	SLO 7	-0.308	1.598	-0.454	1.846	si
314	-725	925	-275	1243	-5	0.001032	SLO 7	-0.254	1.785	-0.409	2.016	si
219	-725	580	-275	1133	-5	0.00103	SLO 7	-0.302	1.785	-0.464	2.011	si
1586	-90	-475	106	2676	630	0.000669	SLO 7	-0.481	1.963	-0.613	2.288	si
334	725	925	-275	1264	-5	0.001088	SLO 8	-0.196	1.547	-0.345	1.801	si
239	725	580	-275	1173	-5	0.001058	SLO 8	-0.276	1.547	-0.419	1.795	si
314	-725	925	-275	1243	-5	0.001027	SLO 8	-0.196	1.839	-0.349	2.07	si
219	-725	580	-275	1133	-5	0.001025	SLO 8	-0.27	1.839	-0.429	2.065	si
1586	-90	-475	106	2676	630	0.000665	SLO 8	-0.522	1.971	-0.648	2.295	si
62	-25	-165	-400	135	-275	0.0023	SLO 9	0.084	0.616	0.183	0.346	si
60	-180	-165	-400	132	-275	0.002264	SLO 9	0.085	0.624	0.184	0.359	si
16	725	-355	-400	1670	106	0.002102	SLO 9	0.068	0.562	0.246	-0.486	si
74	725	-165	-400	853	-5	0.0021	SLO 9	0.076	0.563	0.197	-0.258	si
1586	-90	-475	106	2676	630	0.002096	SLO 9	0.246	-0.37	0.459	-1.448	si
62	-25	-165	-400	135	-275	0.002305	SLO 10	0.062	0.619	0.162	0.349	si
60	-180	-165	-400	132	-275	0.002268	SLO 10	0.062	0.639	0.163	0.374	si
16	725	-355	-400	1670	106	0.002105	SLO 10	0.031	0.511	0.214	-0.538	si
74	725	-165	-400	853	-5	0.002103	SLO 10	0.054	0.512	0.178	-0.309	si
1586	-90	-475	106	2676	630	0.002099	SLO 10	0.205	-0.362	0.423	-1.44	si
135	-25	-165	-275	834	-5	0.00137	SLO 11	0.062	1.822	0.399	1.975	si
163	-175	120	-275	972	-5	0.00137	SLO 11	0.082	1.826	0.421	1.973	si
167	-25	120	-275	976	-5	0.001369	SLO 11	0.082	1.821	0.419	1.974	si
132	-180	-165	-275	829	-5	0.001366	SLO 11	0.063	1.826	0.401	1.976	si
1264	725	925	-5	3582	1172	0.001136	SLO 11	0.216	1.911	1.356	2.609	si
135	-25	-165	-275	834	-5	0.001378	SLO 12	0.041	1.825	0.38	1.978	si
163	-175	120	-275	972	-5	0.001378	SLO 12	0.081	1.841	0.423	1.987	si
167	-25	120	-275	976	-5	0.001377	SLO 12	0.081	1.824	0.42	1.977	si
132	-180	-165	-275	829	-5	0.001374	SLO 12	0.042	1.841	0.381	1.99	si
1264	725	925	-5	3582	1172	0.001144	SLO 12	0.276	1.859	1.429	2.555	si
62	-25	-165	-400	135	-275	0.002295	SLO 13	0.518	0.976	0.748	0.804	si
60	-180	-165	-400	132	-275	0.002282	SLO 13	0.519	0.949	0.748	0.78	si
16	725	-355	-400	1670	106	0.002157	SLO 13	0.54	1.082	1.417	0.434	si
74	725	-165	-400	853	-5	0.00215	SLO 13	0.508	1.082	1.189	0.575	si

Nodo inferiore				Nodo superiore		Spost. rel.	Comb.	Spostamento inferiore		Spostamento superiore		S.V.
I.	Pos.			I.	Pos.		n.b.	X	Y	X	Y	
	X	Y	Z		Z							
829	-180	-165	-5	1723	106	0.002019	SLO 13	1.193	0.638	1.384	0.521	si
62	-25	-165	-400	135	-275	0.002305	SLO 14	0.49	0.98	0.722	0.808	si
60	-180	-165	-400	132	-275	0.002292	SLO 14	0.491	0.967	0.722	0.798	si
16	725	-355	-400	1670	106	0.002167	SLO 14	0.495	1.02	1.379	0.371	si
74	725	-165	-400	853	-5	0.00216	SLO 14	0.481	1.021	1.166	0.513	si
1587	270	-475	106	2677	630	0.002028	SLO 14	1.39	0.573	2.336	0.089	si
74	725	-165	-400	853	-5	0.002017	SLO 15	0.482	1.442	1.249	1.226	si
132	-180	-165	-275	829	-5	0.00201	SLO 15	0.712	1.22	1.252	1.272	si
135	-25	-165	-275	834	-5	0.002007	SLO 15	0.711	1.247	1.251	1.299	si
16	725	-355	-400	1670	106	0.001996	SLO 15	0.515	1.441	1.486	1.167	si
163	-175	120	-275	972	-5	0.001986	SLO 15	0.679	1.221	1.213	1.271	si
74	725	-165	-400	853	-5	0.002028	SLO 16	0.455	1.38	1.226	1.163	si
132	-180	-165	-275	829	-5	0.002021	SLO 16	0.686	1.238	1.229	1.289	si
135	-25	-165	-275	834	-5	0.002018	SLO 16	0.685	1.251	1.228	1.302	si
16	725	-355	-400	1670	106	0.002007	SLO 16	0.47	1.38	1.448	1.105	si
163	-175	120	-275	972	-5	0.001996	SLO 16	0.678	1.238	1.214	1.288	si

4.2 Verifica effetti secondo ordine

***Quota inf.**: Quota inferiore esprimibile come livello, falda, piano orizzontale alla Z specificata, espressa con notazione breve. esprimibile come livello, falda, piano orizzontale alla Z specificata. [cm]*
***Quota sup.**: Quota superiore esprimibile come livello, falda, piano orizzontale alla Z specificata, espressa con notazione breve. esprimibile come livello, falda, piano orizzontale alla Z specificata. [cm]*
***Comb.**: Combinazione.*
***n.b.**: Nome breve o compatto della combinazione di carico.*
***Carico verticale**: Carico verticale. [daN]*
***Spostamento**: Spostamento medio di interpiano. [cm]*
***Forza orizzontale totale**: Forza orizzontale totale. [daN]*
***Altezza del piano**: Altezza del piano. [cm]*
***Theta**: Coefficiente Theta formula (7.3.2) § 7.3.1 NTC 2008. Il valore è adimensionale.*

Quota inf.	Quota sup.	Comb.	Carico verticale	Spostamento	Forza orizzontale totale	Altezza del piano	Theta
		n.b.					
L1	L2	SLV 1	122681	0.575	37295	125	0.015
L1	L2	SLV 2	123312	0.572	40719	125	0.014
L1	L2	SLV 3	76067	0.575	29047	125	0.012
L1	L2	SLV 4	76698	0.571	31574	125	0.011
L1	L2	SLV 5	224254	0.537	56800	125	0.017
L1	L2	SLV 6	224776	0.537	58036	125	0.017
L1	L2	SLV 7	68874	0.392	46890	125	0.005
L1	L2	SLV 8	69396	0.39	45018	125	0.005
L1	L2	SLV 9	264657	0.603	65824	125	0.019
L1	L2	SLV 10	265178	0.605	65674	125	0.02
L1	L2	SLV 11	109276	0.34	63372	125	0.005
L1	L2	SLV 12	109798	0.34	60681	125	0.005
L1	L2	SLV 13	257355	0.669	77236	125	0.018
L1	L2	SLV 14	257986	0.673	74700	125	0.019
L1	L2	SLV 15	210740	0.578	78288	125	0.012
L1	L2	SLV 16	211372	0.581	75032	125	0.013
L1	L3	SLV 1	268360	1.997	245132	395	0.006
L1	L3	SLV 2	268394	1.987	229738	395	0.006
L1	L3	SLV 3	566241	1.668	331871	395	0.007
L1	L3	SLV 4	566275	1.656	319487	395	0.007
L1	L3	SLV 5	24112	1.875	196347	395	0.001
L1	L3	SLV 6	24084	1.872	196149	395	0.001
L1	L3	SLV 7	968826	1.072	436259	395	0.006
L1	L3	SLV 8	968854	1.07	433775	395	0.006
L1	L3	SLV 9	23076	1.729	247771	395	0
L1	L3	SLV 10	23104	1.732	256514	395	0
L1	L3	SLV 11	1016014	1.428	447704	395	0.008
L1	L3	SLV 12	1016042	1.434	450294	395	0.008
L1	L3	SLV 13	425655	1.97	346128	395	0.006
L1	L3	SLV 14	425689	1.981	361375	395	0.006
L1	L3	SLV 15	723536	2.022	396399	395	0.009
L1	L3	SLV 16	723570	2.034	408856	395	0.009
L2	L3	SLV 1	268360	1.468	245132	270	0.006
L2	L3	SLV 2	268394	1.461	229738	270	0.006
L2	L3	SLV 3	566241	1.184	331871	270	0.007
L2	L3	SLV 4	566275	1.176	319487	270	0.008
L2	L3	SLV 5	24112	1.302	196347	270	0.001
L2	L3	SLV 6	24084	1.3	196149	270	0.001
L2	L3	SLV 7	968826	0.717	436259	270	0.006
L2	L3	SLV 8	968854	0.715	433775	270	0.006
L2	L3	SLV 9	23076	1.054	247771	270	0
L2	L3	SLV 10	23104	1.056	256514	270	0
L2	L3	SLV 11	1016014	1.033	447704	270	0.009
L2	L3	SLV 12	1016042	1.036	450294	270	0.009
L2	L3	SLV 13	425655	1.237	346128	270	0.006
L2	L3	SLV 14	425689	1.245	361375	270	0.005
L2	L3	SLV 15	723536	1.384	396399	270	0.009
L2	L3	SLV 16	723570	1.392	408856	270	0.009
L3	L4	SLV 1	626337	0.607	471908	111	0.007
L3	L4	SLV 2	627578	0.605	459615	111	0.007
L3	L4	SLV 3	869555	0.519	479670	111	0.008
L3	L4	SLV 4	870797	0.516	466136	111	0.009
L3	L4	SLV 5	396971	0.531	458233	111	0.004
L3	L4	SLV 6	397997	0.53	457653	111	0.004
L3	L4	SLV 7	1207701	0.29	444927	111	0.007
L3	L4	SLV 8	1208727	0.29	440129	111	0.007
L3	L4	SLV 9	443499	0.464	494247	111	0.004
L3	L4	SLV 10	444525	0.464	500292	111	0.004
L3	L4	SLV 11	1254228	0.365	448548	111	0.009
L3	L4	SLV 12	1255254	0.366	451101	111	0.009
L3	L4	SLV 13	781429	0.53	546357	111	0.007
L3	L4	SLV 14	782670	0.532	559860	111	0.007
L3	L4	SLV 15	1024647	0.544	524236	111	0.01

Quota inf.	Quota sup.	Comb.	Carico verticale	Spostamento	Forza orizzontale totale	Altezza del piano	Theta
		n.b.					
L3	L4	SLV 16	1025889	0.547	537041	111	0.009
L1	L4	SLV 1	626337	2.669	471908	506	0.007
L1	L4	SLV 2	627578	2.656	459615	506	0.007
L1	L4	SLV 3	869555	2.154	479670	506	0.008
L1	L4	SLV 4	870797	2.139	466136	506	0.008
L1	L4	SLV 5	396971	2.456	458233	506	0.004
L1	L4	SLV 6	397997	2.452	457653	506	0.004
L1	L4	SLV 7	1207701	1.265	444927	506	0.007
L1	L4	SLV 8	1208727	1.262	440129	506	0.007
L1	L4	SLV 9	443499	2.121	494247	506	0.004
L1	L4	SLV 10	444525	2.125	500292	506	0.004
L1	L4	SLV 11	1254228	1.832	448548	506	0.01
L1	L4	SLV 12	1255254	1.839	451101	506	0.01
L1	L4	SLV 13	781429	2.416	546357	506	0.007
L1	L4	SLV 14	782670	2.431	559860	506	0.007
L1	L4	SLV 15	1024647	2.578	524236	506	0.01
L1	L4	SLV 16	1025889	2.592	537041	506	0.01
L4	L8	SLV 1	776823	3.035	581137	524	0.008
L4	L8	SLV 2	776531	3.022	580526	524	0.008
L4	L8	SLV 3	774117	2.483	600868	524	0.006
L4	L8	SLV 4	773825	2.467	600131	524	0.006
L4	L8	SLV 5	796397	2.713	602112	524	0.007
L4	L8	SLV 6	796155	2.709	602141	524	0.007
L4	L8	SLV 7	787376	1.489	614989	524	0.004
L4	L8	SLV 8	787134	1.483	614624	524	0.004
L4	L8	SLV 9	810489	2.25	616647	524	0.006
L4	L8	SLV 10	810248	2.255	616990	524	0.006
L4	L8	SLV 11	801468	2.055	585464	524	0.005
L4	L8	SLV 12	801227	2.06	585412	524	0.005
L4	L8	SLV 13	823799	2.562	578461	524	0.007
L4	L8	SLV 14	823507	2.579	579198	524	0.007
L4	L8	SLV 15	821092	2.796	552071	524	0.008
L4	L8	SLV 16	820800	2.812	552684	524	0.008
L3	L11	SLV 1	289694	6.67	260072	1177	0.006
L3	L11	SLV 2	289584	6.631	259724	1177	0.006
L3	L11	SLV 3	282925	5.279	258848	1177	0.005
L3	L11	SLV 4	282815	5.234	258489	1177	0.005
L3	L11	SLV 5	300011	5.977	286267	1177	0.005
L3	L11	SLV 6	299920	5.961	286200	1177	0.005
L3	L11	SLV 7	277447	3.019	284559	1177	0.003
L3	L11	SLV 8	277356	3.012	284467	1177	0.002
L3	L11	SLV 9	302093	4.801	285269	1177	0.004
L3	L11	SLV 10	302002	4.807	285361	1177	0.004
L3	L11	SLV 11	279529	4.594	285278	1177	0.004
L3	L11	SLV 12	279438	4.617	285346	1177	0.004
L3	L11	SLV 13	296634	5.56	258549	1177	0.005
L3	L11	SLV 14	296524	5.604	258908	1177	0.005
L3	L11	SLV 15	289864	6.242	259216	1177	0.006
L3	L11	SLV 16	289754	6.285	259564	1177	0.006
L6	L11	SLV 1	289694	5.095	260072	902	0.006
L6	L11	SLV 2	289584	5.065	259724	902	0.006
L6	L11	SLV 3	282925	4.249	258848	902	0.005
L6	L11	SLV 4	282815	4.214	258489	902	0.005
L6	L11	SLV 5	300011	4.364	286267	902	0.005
L6	L11	SLV 6	299920	4.354	286200	902	0.005
L6	L11	SLV 7	277447	2.329	284559	902	0.003
L6	L11	SLV 8	277356	2.318	284467	902	0.003
L6	L11	SLV 9	302093	3.629	285269	902	0.004
L6	L11	SLV 10	302002	3.638	285361	902	0.004
L6	L11	SLV 11	279529	3.234	285278	902	0.004
L6	L11	SLV 12	279438	3.249	285346	902	0.004
L6	L11	SLV 13	296634	4.365	258549	902	0.006
L6	L11	SLV 14	296524	4.4	258908	902	0.006
L6	L11	SLV 15	289864	4.696	259216	902	0.006
L6	L11	SLV 16	289754	4.73	259564	902	0.006
L6	L12	SLV 1	144886	5.769	147981	1030	0.005
L6	L12	SLV 2	144886	5.739	147981	1030	0.005
L6	L12	SLV 3	144607	4.666	148469	1030	0.004
L6	L12	SLV 4	144607	4.63	148469	1030	0.004
L6	L12	SLV 5	145215	5.022	156808	1030	0.005
L6	L12	SLV 6	145215	5.013	156808	1030	0.005
L6	L12	SLV 7	144286	2.521	157268	1030	0.002
L6	L12	SLV 8	144286	2.509	157268	1030	0.002
L6	L12	SLV 9	145218	4.051	157268	1030	0.004
L6	L12	SLV 10	145218	4.062	157268	1030	0.004
L6	L12	SLV 11	144289	3.776	156808	1030	0.003
L6	L12	SLV 12	144289	3.79	156808	1030	0.003
L6	L12	SLV 13	144897	4.833	148469	1030	0.005
L6	L12	SLV 14	144897	4.871	148469	1030	0.005
L6	L12	SLV 15	144618	5.344	147981	1030	0.005
L6	L12	SLV 16	144618	5.379	147981	1030	0.005
L3	L12	SLV 1	144886	7.107	147981	1305	0.005
L3	L12	SLV 2	144886	7.065	147981	1305	0.005
L3	L12	SLV 3	144607	6.069	148469	1305	0.005
L3	L12	SLV 4	144607	6.023	148469	1305	0.004
L3	L12	SLV 5	145215	6.198	156808	1305	0.004
L3	L12	SLV 6	145215	6.182	156808	1305	0.004
L3	L12	SLV 7	144286	3.536	157268	1305	0.002
L3	L12	SLV 8	144286	3.524	157268	1305	0.002
L3	L12	SLV 9	145218	5.455	157268	1305	0.004
L3	L12	SLV 10	145218	5.463	157268	1305	0.004
L3	L12	SLV 11	144289	4.548	156808	1305	0.003
L3	L12	SLV 12	144289	4.571	156808	1305	0.003
L3	L12	SLV 13	144897	6.417	148469	1305	0.005
L3	L12	SLV 14	144897	6.462	148469	1305	0.005
L3	L12	SLV 15	144618	6.66	147981	1305	0.005
L3	L12	SLV 16	144618	6.706	147981	1305	0.005
L4	L12	SLV 1	144886	6.439	147981	1194	0.005
L4	L12	SLV 2	144886	6.406	147981	1194	0.005

Quota inf.	Quota sup.	Comb.	Carico verticale	Spostamento	Forza orizzontale totale	Altezza del piano	Theta
		n.b.					
L4	L12	SLV 3	144607	5.488	148469	1194	0.004
L4	L12	SLV 4	144607	5.452	148469	1194	0.004
L4	L12	SLV 5	145215	5.662	156808	1194	0.004
L4	L12	SLV 6	145215	5.649	156808	1194	0.004
L4	L12	SLV 7	144286	3.235	157268	1194	0.002
L4	L12	SLV 8	144286	3.227	157268	1194	0.002
L4	L12	SLV 9	145218	4.993	157268	1194	0.004
L4	L12	SLV 10	145218	5	157268	1194	0.004
L4	L12	SLV 11	144289	4.153	156808	1194	0.003
L4	L12	SLV 12	144289	4.171	156808	1194	0.003
L4	L12	SLV 13	144897	5.819	148469	1194	0.005
L4	L12	SLV 14	144897	5.854	148469	1194	0.005
L4	L12	SLV 15	144618	6.035	147981	1194	0.005
L4	L12	SLV 16	144618	6.071	147981	1194	0.005
L8	L12	SLV 1	144886	3.594	147981	670	0.005
L8	L12	SLV 2	144886	3.578	147981	670	0.005
L8	L12	SLV 3	144607	3.069	148469	670	0.004
L8	L12	SLV 4	144607	3.049	148469	670	0.004
L8	L12	SLV 5	145215	3.158	156808	670	0.004
L8	L12	SLV 6	145215	3.153	156808	670	0.004
L8	L12	SLV 7	144286	1.812	157268	670	0.002
L8	L12	SLV 8	144286	1.805	157268	670	0.002
L8	L12	SLV 9	145218	2.794	157268	670	0.004
L8	L12	SLV 10	145218	2.8	157268	670	0.004
L8	L12	SLV 11	144289	2.323	156808	670	0.003
L8	L12	SLV 12	144289	2.33	156808	670	0.003
L8	L12	SLV 13	144897	3.266	148469	670	0.005
L8	L12	SLV 14	144897	3.286	148469	670	0.005
L8	L12	SLV 15	144618	3.382	147981	670	0.005
L8	L12	SLV 16	144618	3.402	147981	670	0.005
L11	L12	SLV 1	144886	0.652	147981	128	0.005
L11	L12	SLV 2	144886	0.648	147981	128	0.005
L11	L12	SLV 3	144607	0.552	148469	128	0.004
L11	L12	SLV 4	144607	0.547	148469	128	0.004
L11	L12	SLV 5	145215	0.59	156808	128	0.004
L11	L12	SLV 6	145215	0.589	156808	128	0.004
L11	L12	SLV 7	144286	0.336	157268	128	0.002
L11	L12	SLV 8	144286	0.335	157268	128	0.002
L11	L12	SLV 9	145218	0.52	157268	128	0.004
L11	L12	SLV 10	145218	0.521	157268	128	0.004
L11	L12	SLV 11	144289	0.422	156808	128	0.003
L11	L12	SLV 12	144289	0.424	156808	128	0.003
L11	L12	SLV 13	144897	0.577	148469	128	0.004
L11	L12	SLV 14	144897	0.581	148469	128	0.004
L11	L12	SLV 15	144618	0.596	147981	128	0.005
L11	L12	SLV 16	144618	0.6	147981	128	0.005

4.3 Baricentri delle rigidezze

***Quota**: Quota alla quale è stato valutato il baricentro delle rigidezze. esprimibile come livello, falda, piano orizzontale alla Z specificata. [cm]*
***Posizione**: Posizione in pianta del baricentro delle rigidezze.*
***X**: Coordinata X. [cm]*
***Y**: Coordinata Y. [cm]*
***Baricentro masse**: Posizione in pianta del baricentro delle masse.*
***X**: Coordinata X. [cm]*
***Y**: Coordinata Y. [cm]*
***Distanza**: Distanza in pianta tra il baricentro delle rigidezze e il baricentro delle masse.*
***X**: Coordinata X. [cm]*
***Y**: Coordinata Y. [cm]*

Quota	Posizione		Baricentro masse		Distanza	
	X	Y	X	Y	X	Y
L12	5.6	-82	-6.7	27.8	12.4	-109.8

4.4 Risposta modale

***Modo**: Identificativo del modo di vibrare.*
***Periodo**: Periodo. [s]*
***Massa X**: Massa partecipante in direzione globale X. Il valore è adimensionale.*
***Massa Y**: Massa partecipante in direzione globale Y. Il valore è adimensionale.*
***Massa Z**: Massa partecipante in direzione globale Z. Il valore è adimensionale.*
***Massa rot X**: Massa rotazionale partecipante attorno la direzione globale X. Il valore è adimensionale.*
***Massa rot Y**: Massa rotazionale partecipante attorno la direzione globale Y. Il valore è adimensionale.*
***Massa rot Z**: Massa rotazionale partecipante attorno la direzione globale Z. Il valore è adimensionale.*

Totale masse partecipanti:
Traslazione X: 0.999969
Traslazione Y: 0.99997
Traslazione Z: 0
Rotazione X: 0.999938
Rotazione Y: 0.999935
Rotazione Z: 0.999936

Modo	Periodo	Massa X	Massa Y	Massa Z	Massa rot X	Massa rot Y	Massa rot Z
1	0.590481113	0.911235992	0.017020395	0	0.01764281	0.950525052	0.000082992
2	0.53529074	0.016939654	0.927829847	0	0.937218017	0.0174979	0.001860102
3	0.440287118	0.002179775	0.00046843	0	0.000416366	0.000002102	0.994610262
4	0.118426119	0.06462219	0.002533781	0	0.001620826	0.029735511	0.002989959
5	0.110700111	0.00288584	0.049893193	0	0.042037404	0.001770089	0.000316514
6	0.095968101	0.000128212	0.001230102	0	0.000666418	0.00003947	0.000001457
7	0.07544711	0.001444794	0.000366154	0	0.000105862	0.00018097	0.000028861
8	0.063565824	0.000264677	0.000155472	0	0.000050096	0.000034067	0.0000177
9	0.054366047	0.000063443	0.000284769	0	0.000073198	0.0000178	0.000008609
10	0.045724949	0.000006154	0.00007263	0	0.000021079	0.000005115	0.000003398

Modo	Periodo	Massa X	Massa Y	Massa Z	Massa rot X	Massa rot Y	Massa rot Z
11	0.045139758	0.00003053	0.000002898	0	0.000007419	0.000030778	0.000004715
12	0.040567895	0.000000004	0.00000393	0	0.00000064	0.000000665	0.000000001
13	0.040129436	0.000019958	0.00000005	0	0.000000005	0.000012296	0.000000507
14	0.039239213	0.000002513	0.000008206	0	0.00000216	0.000002733	0
15	0.037609863	0.000033951	0.000028864	0	0.00002153	0.000019037	0.000000377
16	0.036787703	0.00007948	0.000001233	0	0.000003355	0.000043137	0.000001193
17	0.035205767	0.000001482	0.000038613	0	0.000042948	0.000000004	0.000000348
18	0.032078949	0.000003279	0.000004824	0	0.000001785	0.00000034	0.000004979
19	0.02838754	0.000005152	0.000003277	0	0.000000266	0.000003303	0.000000034
20	0.025027907	0.00000075	0.000010085	0	0.000001556	0.000000976	0.000001849
21	0.022751492	0.000007154	0.000000001	0	0.00000013	0.000005861	0.000000009
22	0.018987581	0.000002922	0.000004729	0	0.000002364	0.000003998	0.000000352
23	0.017227643	0.000002811	0.00000059	0	0.000000098	0.000001582	0.000000061
24	0.013391127	0.000004204	0.000002488	0	0.000000514	0.000000256	0.000001417
25	0.012020877	0.000001539	0.000002158	0	0.000000469	0.000000499	0.000000047
26	0.007606188	0.00000226	0.000000208	0	0.000000037	0.0000012	0.000000262
27	0.006440032	0.000000085	0.000002806	0	0.000000121	0.000000023	0.000000136
28	0.000890169	0.000000001	0.000000002	0	0.000000263	0.000000036	0.000000027
29	0.000847565	0.000000005	0	0	0.000000136	0.000000006	0.000000017
30	0.00074005	0.000000002	0	0	0.000000001	0.000000002	0.000000021

4.5 Equilibrio forze

***Contributo**: Nome attribuito al sistema risultante.*
***Fx**: Componente X di forza del sistema risultante. [daN]*
***Fy**: Componente Y di forza del sistema risultante. [daN]*
***Fz**: Componente Z di forza del sistema risultante. [daN]*
***Mx**: Componente di momento attorno l'asse X del sistema risultante. [daN*cm]*
***My**: Componente di momento attorno l'asse Y del sistema risultante. [daN*cm]*
***Mz**: Componente di momento attorno l'asse Z del sistema risultante. [daN*cm]*

Bilancio in condizione di carico: Pesi strutturali

Contributo	Fx	Fy	Fz	Mx	My	Mz
Forze applicate	-30060.581	330729.847	-2916869.51	-118614793	61550270	-16106018
Reazioni	30060.581	-330729.847	2916869.51	118614793	-61550270	16106018
P-Delta	0	0	0	0	0	0
Totale	0	0	0	0	0	0

Bilancio in condizione di carico: Permanenti portati

Contributo	Fx	Fy	Fz	Mx	My	Mz
Forze applicate	0	0	-126290.443	-4426037	2000258	0
Reazioni	0	0	126290.443	4426037	-2000258	0
P-Delta	0	0	0	0	0	0
Totale	0	0	0	0	0	0

Bilancio in condizione di carico: Sovraccarico terreno

Contributo	Fx	Fy	Fz	Mx	My	Mz
Forze applicate	6318.912	104752.036	-320929.856	-53879229	-1356135	-1892495
Reazioni	-6318.912	-104752.036	320929.856	53879229	1356135	1892495
P-Delta	0	0	0	0	0	0
Totale	0	0	0	0	0	0

Bilancio in condizione di carico: Neve

Contributo	Fx	Fy	Fz	Mx	My	Mz
Forze applicate	0	0	-12995.625	-341135	0	0
Reazioni	0	0	12995.625	341135	0	0
P-Delta	0	0	0	0	0	0
Totale	0	0	0	0	0	0

Bilancio in condizione di carico: Variabile copertura

Contributo	Fx	Fy	Fz	Mx	My	Mz
Forze applicate	0	0	-12995.625	-341135	0	0
Reazioni	0	0	12995.625	341135	0	0
P-Delta	0	0	0	0	0	0
Totale	0	0	0	0	0	0

Bilancio in condizione di carico: Variabile calpestii, scale e pianerottoli

Contributo	Fx	Fy	Fz	Mx	My	Mz
Forze applicate	0	0	-202285.954	4952564	27632371	0
Reazioni	0	0	202285.954	-4952564	-27632371	0
P-Delta	0	0	0	0	0	0
Totale	0	0	0	0	0	0

Bilancio in condizione di carico: 1% X

Contributo	Fx	Fy	Fz	Mx	My	Mz
Forze applicate	18399.067	0	0	0	10576033	3850125
Reazioni	-18399.067	0	0	0	-10576033	-3850125
P-Delta	0	0	0	0	0	0
Totale	0	0	0	0	0	0

Bilancio in condizione di carico: 1% Y

Contributo	Fx	Fy	Fz	Mx	My	Mz
Forze applicate	0	18399.067	0	-10576033	0	-115924
Reazioni	0	-18399.067	0	10576033	0	115924
P-Delta	0	0	0	0	0	0
Totale	0	0	0	0	0	0

Bilancio in condizione di carico: Sisma X SLV

Contributo	Fx	Fy	Fz	Mx	My	Mz
Forze applicate	899952.441	0	0	0	863001254	-2565703
Reazioni	-899952.441	0	0	0	-863001254	2565703
P-Delta	0	0	0	0	0	0
Totale	0	0	0	0	0	0

Bilancio in condizione di carico: Sisma Y SLV

Contributo	Fx	Fy	Fz	Mx	My	Mz
Forze applicate	0	899952.441	0	-863001254	0	17132057
Reazioni	0	-899952.441	0	863001254	0	-17132056
P-Delta	0	0	0	0	0	0
Totale	0	0	0	0	0	0

Bilancio in condizione di carico: Eccentricità Y per sisma X SLV

Contributo	Fx	Fy	Fz	Mx	My	Mz
Forze applicate	0	0	0	0	0	-21046845
Reazioni	0	0	0	0	0	21046845
P-Delta	0	0	0	0	0	0
Totale	0	0	0	0	0	0

Bilancio in condizione di carico: Eccentricità X per sisma Y SLV

Contributo	Fx	Fy	Fz	Mx	My	Mz
Forze applicate	0	0	0	0	0	14732792
Reazioni	0	0	0	0	0	-14732792
P-Delta	0	0	0	0	0	0
Totale	0	0	0	0	0	0

Bilancio in condizione di carico: Sisma X SLO

Contributo	Fx	Fy	Fz	Mx	My	Mz
Forze applicate	327556.904	0	0	0	314107730	-933842
Reazioni	-327556.904	0	0	0	-314107730	933842
P-Delta	0	0	0	0	0	0
Totale	0	0	0	0	0	0

Bilancio in condizione di carico: Sisma Y SLO

Contributo	Fx	Fy	Fz	Mx	My	Mz
Forze applicate	0	327556.904	0	-314107730	0	6235578
Reazioni	0	-327556.904	0	314107730	0	-6235578
P-Delta	0	0	0	0	0	0
Totale	0	0	0	0	0	0

Bilancio in condizione di carico: Eccentricità Y per sisma X SLO

Contributo	Fx	Fy	Fz	Mx	My	Mz
Forze applicate	0	0	0	0	0	-7660449
Reazioni	0	0	0	0	0	7660449
P-Delta	0	0	0	0	0	0
Totale	0	0	0	0	0	0

Bilancio in condizione di carico: Eccentricità X per sisma Y SLO

Contributo	Fx	Fy	Fz	Mx	My	Mz
Forze applicate	0	0	0	0	0	5362314
Reazioni	0	0	0	0	0	-5362314
P-Delta	0	0	0	0	0	0
Totale	0	0	0	0	0	0

Bilancio in condizione di carico: Terreno sisma X SLV

Contributo	Fx	Fy	Fz	Mx	My	Mz
Forze applicate	486028.556	0	0	0	175898475	140407172
Reazioni	-486028.556	0	0	0	-175898475	-140407172
P-Delta	0	0	0	0	0	0
Totale	0	0	0	0	0	0

Bilancio in condizione di carico: Terreno sisma Y SLV

Contributo	Fx	Fy	Fz	Mx	My	Mz
Forze applicate	0	247017.233	0	-88853212	0	-25085
Reazioni	0	-247017.233	0	88853212	0	25085
P-Delta	0	0	0	0	0	0
Totale	0	0	0	0	0	0

Bilancio in condizione di carico: Terreno sisma X SLO

Contributo	Fx	Fy	Fz	Mx	My	Mz
Forze applicate	176211.218	0	0	0	63772558	50905072
Reazioni	-176211.218	0	0	0	-63772558	-50905072
P-Delta	0	0	0	0	0	0
Totale	0	0	0	0	0	0

Bilancio in condizione di carico: Terreno sisma Y SLO

Contributo	Fx	Fy	Fz	Mx	My	Mz
Forze applicate	0	89556.893	0	-32214018	0	-9094
Reazioni	0	-89556.893	0	32214018	0	9094
P-Delta	0	0	0	0	0	0
Totale	0	0	0	0	0	0

Bilancio in condizione di carico: Rig. Ux

Contributo	Fx	Fy	Fz	Mx	My	Mz
Forze applicate	1	0	0	0	1300	-28
Reazioni	-1	0	0	0	-1300	28
P-Delta	0	0	0	0	0	0
Totale	0	0	0	0	0	0

Bilancio in condizione di carico: Rig. Uy

Contributo	Fx	Fy	Fz	Mx	My	Mz
Forze applicate	0	1	0	-1300	0	-7
Reazioni	0	-1	0	1300	0	7
P-Delta	0	0	0	0	0	0
Totale	0	0	0	0	0	0

Bilancio in condizione di carico: Rig. Rz

Contributo	Fx	Fy	Fz	Mx	My	Mz
Forze applicate	0	0	0	0	0	1
Reazioni	0	0	0	0	0	-1
P-Delta	0	0	0	0	0	0
Totale	0	0	0	0	0	0

4.6 Risposta di spettro

***Spettro**: Condizione elementare corrispondente allo spettro.*
***n.b.**: Nome breve della condizione elementare.*
***Fx**: Componente della forza lungo l'asse X. [daN]*
***Fy**: Componente della forza lungo l'asse Y. [daN]*
***Fz**: Componente della forza lungo l'asse Z. [daN]*
***Mx**: Componente della coppia attorno all'asse X. [daN*cm]*
***My**: Componente della coppia attorno all'asse Y. [daN*cm]*
***Mz**: Componente della coppia attorno all'asse Z. [daN*cm]*
***Max X**: Massima reazione lungo l'asse X.*
***Valore**: Valore massimo della reazione. [daN]*
***Angolo**: Angolo d'ingresso del sisma che provoca il valore massimo della reazione. [deg]*
***Max Y**: Massima reazione lungo l'asse Y.*
***Valore**: Valore massimo della reazione. [daN]*
***Angolo**: Angolo d'ingresso del sisma che provoca il valore massimo della reazione. [deg]*
***Max Z**: Massima reazione lungo l'asse Z.*
***Valore**: Valore massimo della reazione. [daN]*
***Angolo**: Angolo d'ingresso del sisma che provoca il valore massimo della reazione. [deg]*

Spettro	Fx	Fy	Fz	Mx	My	Mz	Max X		Max Y		Max Z	
n.b.							Valore	Angolo	Valore	Angolo	Valore	Angolo
X SLV	707262.95	100552.1	0	8.769E07	6.228E08	3.898E07	708398.2	3	793598.36	94	0	0
Y SLV	100552.1	791569.54	0	6.871E08	8.825E07	3.291E07	708398.2	3	793598.36	94	0	0
X SLO	251979.7	35824.92	0	3.124E07	2.219E08	1.419E07	252384.14	3	282713.21	94	0	0
Y SLO	35824.92	281990.44	0	2.448E08	3.144E07	1.177E07	252384.14	3	282713.21	94	0	0

4.7 Statistiche soluzione

Tipo di equazioni	Lineari
Tecnica di soluzione	AspenTech MA57
Numero equazioni	20922
Elemento min. diagonale	552750.66285408
Elemento max diagonale	758251398048389
Rapporto max/min	1371778360.48757
Elementi non nulli	644158

5 Pressioni terreno in SLE/SLD

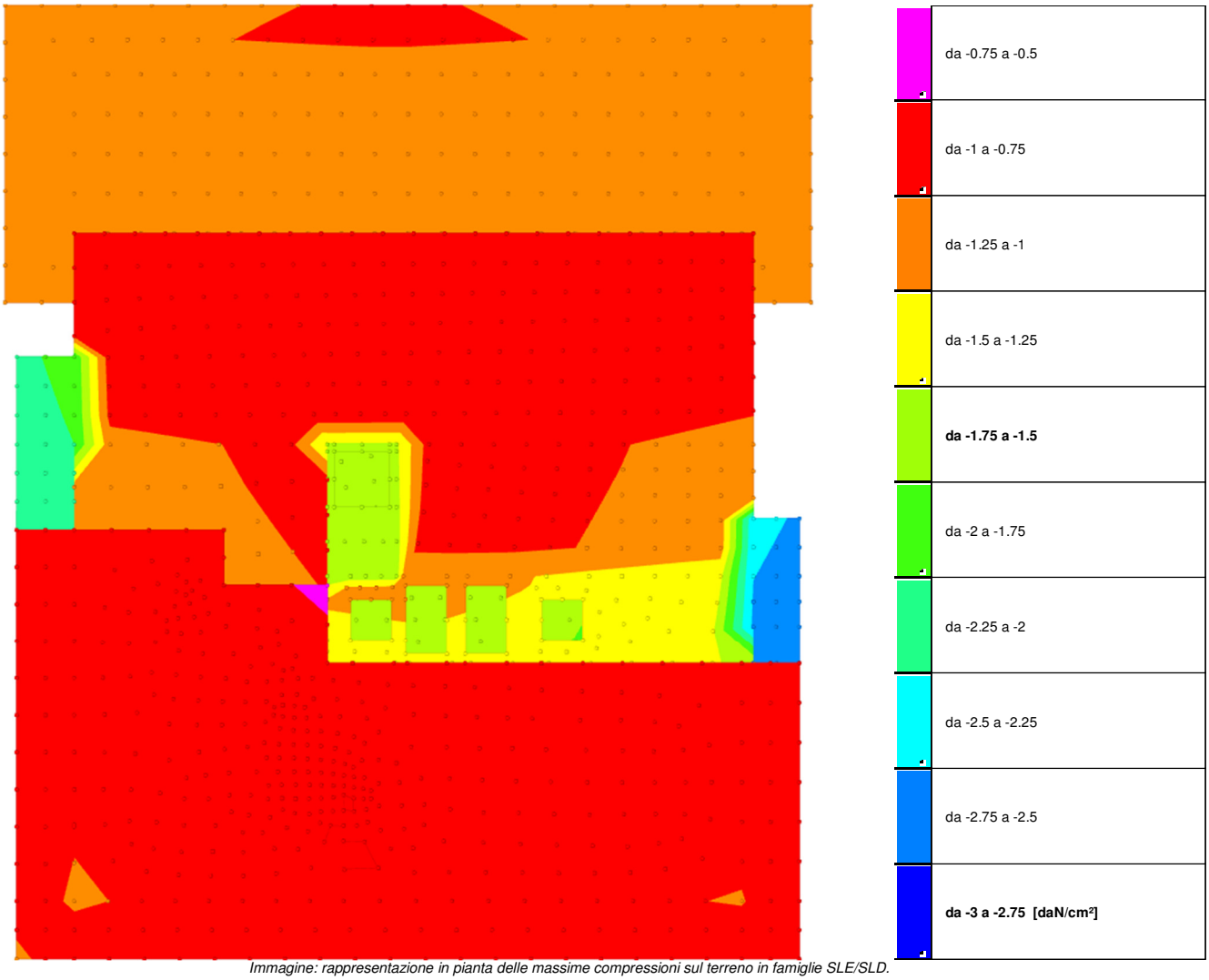


Immagine: rappresentazione in pianta delle massime compressioni sul terreno in famiglie SLE/SLD.

6 Verifiche

6.1 Verifiche pilastrate C.A.

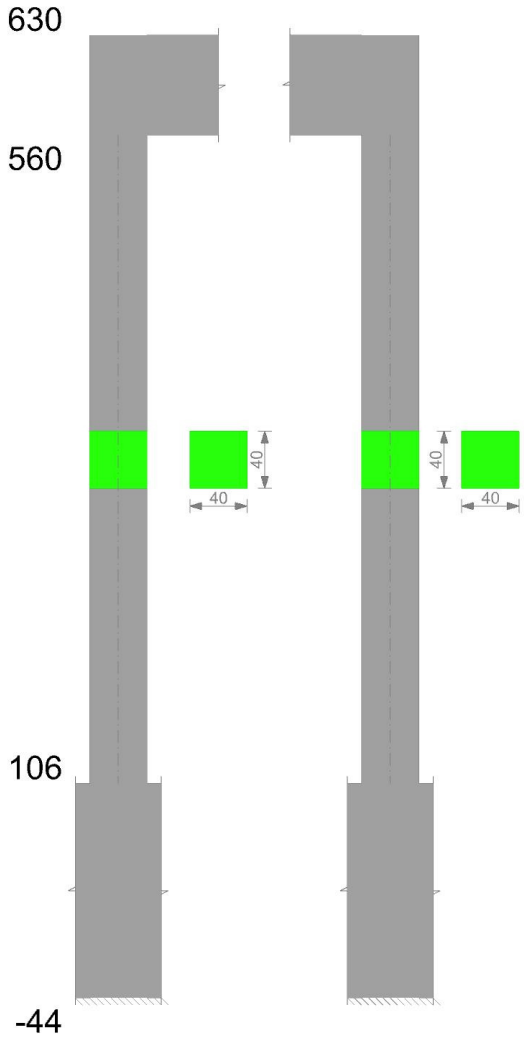
***Q.inf.**: quota inferiore [cm]*
***Q.sup.**: quota superiore [cm]*
***Sezione**: sezione impiegata*
***Esistente**: campata esistente*
***Secondaria**: campata secondaria*
***Dissipativa**: campata dissipativa*
***Interna a parete**: campata adiacente ad una parete in c.a.*
***Sovraresistenza**: aliquota di sovraresistenza da assicurare in verifica*
***Materiale CLS**: materiale calcestruzzo impiegato*
***Materiale Acciaio**: materiale/i acciaio impiegato/i*
***FC**: fattore di confidenza riferito al materiale CLS*
***Posizione**: posizione della barra*
***X**: ascissa relativa della barra rispetto al baricentro della sezione [cm]*
***Y**: ordinata relativa della barra rispetto al baricentro della sezione [cm]*
***Diametro**: diametro nominale della barra [cm]*
***Area**: area nominale della barra [cm²]*
***Q.inf.**: quota inferiore della barra [cm]*
***Q.sup.**: quota superiore della barra [cm]*
***Materiale**: materiale della barra*
***Quota**: quota della sezione [cm]*
***As**: area complessiva delle armature verticali [cm²]*
***%**: percentuale di acciaio*
***At**: area delle armature verticali destinata alla verifica di torsione [cm²]*
***Pos.**: posizioni barre longitudinali presenti nella sezione*
***Mx**: momento Mx [daN*cm]*
***My**: momento My [daN*cm]*
***N**: sforzo normale [daN]*
***MRdx**: momento resistente in direzione X [daN*cm]*
***MRdy**: momento resistente in direzione Y [daN*cm]*
***Comb.**: combinazione peggiore*
***Coeff.s.**: coefficiente di sicurezza minimo*
***Verifica**: stato di verifica*
***Nmin**: compressione massima [daN]*
***Nlim**: compressione limite [daN]*
***Comb.Nmin**: combinazione in cui si ottiene la compressione massima*
***Ver.**: stato di verifica*
***Staffe**: staffatura presente nella sezione*
***Ved,x**: taglio di verifica per la direzione X [daN]*
***Ved,y**: taglio di verifica per la direzione Y [daN]*
***Ned**: sforzo normale di verifica [daN]*
***Comb.V**: combinazione di verifica taglio*
***Cot**: cotagente delle bielle compresse per la verifica critica*
***Vres**: resistenza a taglio per la verifica [daN]*
***c.s.V**: coefficiente di sicurezza taglio*
***Mt**: momento torcente di verifica [daN*cm]*
***As,t**: area di staffatura destinata alla torsione [cm²]*
***Al,t**: area di barre longitudinali destinata alla torsione [cm²]*
***Comb.Tor.**: combinazione di verifica torsione*
***Trcd**: resistenza a torsione delle bielle di calcestruzzo [4.1.27] [daN*cm]*
***Trsd**: resistenza a torsione in relazione al minimo di staffe necessario [4.1.28] [daN*cm]*
***Trld**: resistenza a torsione in relazione al minimo di barre longitudinali necessario [4.1.29] [daN*cm]*
***c.s.V-T**: coefficiente di sicurezza taglio-torsione*
***σc,max**: tensione massima sul calcestruzzo [daN/cm²]*
***σf,max**: tensione massima sull'acciaio [daN/cm²]*
***Quota**: quota della sezione di verifica [cm]*
***λ,x**: snellezza per sbandamento in direzione X*
***λ,y**: snellezza per sbandamento in direzione Y*
***λ,limX**: snellezza limite in direzione X*
***λ,limY**: snellezza limite in direzione Y*
***M 2° ord.**: la verifica viene effettuata considerando anche gli effetti del secondo ordine, se non richiesti la verifica viene comunque condotta considerando i momenti del 1° ordine*
***Nsd**: sforzo normale [daN]*
***M0ed,x**: momento del primo ordine che tiene conto dell'effetto delle imperfezioni in direzione X [daN*cm]*
***M2,x**: momento del secondo ordine in direzione X [daN*cm]*
***M0ed,y**: momento del primo ordine che tiene conto dell'effetto delle imperfezioni in direzione Y [daN*cm]*
***M2,y**: momento del secondo ordine in direzione y [daN*cm]*
***Mver,x**: momento di verifica in direzione X [daN*cm]*
***Mver,y**: momento di verifica in direzione Y [daN*cm]*
***C.s x**: coefficiente di sicurezza per sbandamento in direzione X*
***C.s y**: coefficiente di sicurezza per sbandamento in direzione Y*
***Risultato**: tipo di risultato esposto, può essere critico, in direzione X e in direzione Y*
***(5.38)**: applicabilità delle verifiche in direzioni separate*
***(5.39)**: coefficiente di sicurezza per i casi di non applicabilità delle verifiche su direzioni separate*
***Mx,sr**: momento Mx di fessurazione [daN*cm]*
***My,sr**: momento My di fessurazione [daN*cm]*
***N,sr**: sforzo normale di fessurazione [daN]*
***σs**: tensione massima sull'acciaio in condizioni fessurate [daN/cm²]*

***Ac,eff**: area di calcestruzzo efficace [cm²]*
***ρ,eff**: rapporto geometrico di area d'acciaio efficace*
***Sm**: distanza media fra le fessure [cm]*
***Wk**: apertura delle fessure [cm]*
***Fessurata**: presenza di fessurazione*

Le unità di misura delle verifiche elencate nel capitolo sono in [cm, daN] ove non espressamente specificato.

Pilastrata 15

Geometria



Dati della pilastrata

Campate costituenti la pilastrata

Q.inf.	Q.sup.	Sezione	Esistente	Secondaria	Dissipativa	Interna a parete	Sovraresistenza	Materiale CLS	Materiale Acciaio	FC
106	560	R 40x40	No	No	No	No		C35/45_1	B450C_1	

Disposizione delle armature longitudinali

Posizione	X	Y	Diametro	Area	Q.inf.	Q.sup.	Sezione	Materiale
p.1	-12.24	-12.24	1.4	1.539	25	100	R 40x40	B450C_1
p.1	12.24	-12.24	1.4	1.539	25	100	R 40x40	B450C_1
p.1	12.24	12.24	1.4	1.539	25	100	R 40x40	B450C_1
p.1	-12.24	12.24	1.4	1.539	25	100	R 40x40	B450C_1
p.1	0	-12.5	1.4	1.539	25	100	R 40x40	B450C_1
p.1	0	12.5	1.4	1.539	25	100	R 40x40	B450C_1
p.1	-12.5	0	1.4	1.539	25	100	R 40x40	B450C_1
p.1	12.5	0	1.4	1.539	25	100	R 40x40	B450C_1
p.2	-12.24	-12.24	1.4	1.539	100	596.6	R 40x40	B450C_1
p.2	12.24	-12.24	1.4	1.539	100	596.6	R 40x40	B450C_1
p.2	12.24	12.24	1.4	1.539	100	596.6	R 40x40	B450C_1
p.2	-12.24	12.24	1.4	1.539	100	596.6	R 40x40	B450C_1
p.2	0	-12.5	1.4	1.539	100	596.6	R 40x40	B450C_1
p.2	0	12.5	1.4	1.539	100	596.6	R 40x40	B450C_1
p.2	-12.5	0	1.4	1.539	100	596.6	R 40x40	B450C_1
p.2	12.5	0	1.4	1.539	100	596.6	R 40x40	B450C_1

Controlli geometrici NTC08

Nessuna anomalia

Verifiche delle sezioni

Verifica a pressoflessione in SLU

Quota	As	%	At	Pos.	Mx	My	N	MRdx	MRdy	Comb.	Coeff.s.	Verifica
106	14.21	1.5	0.001	1,2	-332373	181926	-21885	-1560748	854283	SLU 8	4.696	Si
131	22.15	1.5	0.001	1,2	-302133	158498	-21754	-1836317	963326	SLU 8	6.078	Si
156	16.61	1.5	0.001	1,2	-271576	134824	-21621	-1734423	861057	SLU 8	6.387	Si
182	12.32	0.8	0.001	2	-241654	111643	-21491	-1663918	768721	SLU 8	6.886	Si
207	12.32	0.8	0.001	2	-211414	88215	-21360	-1697548	708321	SLU 8	8.029	Si

Quota	As	%	At	Pos.	Mx	My	N	MRdx	MRdy	Comb.	Coeff.s.	Verifica
232	12.32	0.8	0.001	2	-181175	64787	-21229	-1701216	608348	SLU 8	9.39	Si
257	12.32	0.8	0.001	2	-150935	42196	-21098	-1648582	460881	SLU 8	10.922	Si
283	12.32	0.8	0.001	2	-120695	41933	-20967	-1463946	508621	SLU 8	12.129	Si
308	12.32	0.8	0.001	2	-90456	-41671	-20836	-1213693	-559124	SLU 8	13.418	Si
333	12.32	0.8	0.001	2	-60216	-41409	-20704	-888639	-611091	SLU 8	14.758	Si
358	12.32	0.8	0.001	2	-41146	-52351	-20573	-623957	-793872	SLU 8	15.164	Si
383	12.32	0.8	0.001	2	40884	-75779	-20442	582403	-1079490	SLU 8	14.245	Si
409	12.32	0.8	0.001	2	40622	-99207	-20311	539464	-1317484	SLU 8	13.28	Si
434	12.32	0.8	0.001	2	60743	-122635	-20180	716967	-1447495	SLU 8	11.803	Si
459	12.32	0.8	0.001	2	90983	-146062	-20049	916408	-1471191	SLU 8	10.072	Si
484	12.32	0.8	0.001	2	121222	-169490	-19917	1032893	-1444166	SLU 8	8.521	Si
510	12.32	0.8	0.001	2	151462	-192918	-19786	1095623	-1395501	SLU 8	7.234	Si
535	12.32	0.8	0.001	2	181702	-216346	-19655	1120414	-1334036	SLU 8	6.166	Si
560	12.32	0.8	0.001	2	211342	-239309	-19527	1120952	-1269289	SLU 8	5.304	Si

Verifica a pressoflessione in SLV

Quota	As	%	At	Pos.	Mx	My	N	MRdx	MRdy	Comb.	Coeff.s.	Nmin	Nlim	Comb.Nmin	Ver.
106	14.21	1.5	0.0067	1,2	-918472	-211695	-17953	-1174217	-270641	SLV 11	1.278				Si
131	22.15	1.5	0.0067	1,2	-833224	-195697	-17853	-1653503	-388353	SLV 11	1.984				Si
156	16.61	1.5	0.0067	1,2	-747079	-179530	-17751	-1393225	-334805	SLV 11	1.865				Si
182	12.32	0.8	0.0067	2	-662727	-163700	-17651	-1184687	-292630	SLV 11	1.788				Si
207	12.32	0.8	0.0067	2	-577479	-147703	-17550	-1253103	-320509	SLV 11	2.17				Si
232	12.32	0.8	0.0067	2	-492231	-131706	-17449	-1346170	-360194	SLV 11	2.735				Si
257	12.32	0.8	0.0067	2	-406984	-115710	-17348	-1476549	-419799	SLV 11	3.628				Si
283	12.32	0.8	0.0067	2	-321738	-99716	-17247	-1638826	-507919	SLV 11	5.094				Si
308	12.32	0.8	0.0067	2	-236495	-83726	-17146	-1739360	-615782	SLV 11	7.355				Si
333	12.32	0.8	0.0067	2	-151263	-67751	-17045	-1653807	-740741	SLV 11	10.933				Si
358	12.32	0.8	0.0067	2	-65943	-51891	-16945	-1066636	-839345	SLV 11	16.175				Si
383	12.32	0.8	0.0067	2	19390	-35806	-16844	367320	-678279	SLV 11	18.943				Si
409	12.32	0.8	0.0067	2	104569	-19635	-16743	1573483	-295458	SLV 11	15.047				Si
434	12.32	0.8	0.0067	2	-107332	-128409	-6123	-905036	-1082765	SLV 6	8.432				Si
459	12.32	0.8	0.0067	2	-154026	-170249	-6022	-831876	-919493	SLV 6	5.401				Si
484	12.32	0.8	0.0067	2	-200725	-212095	-5921	-786859	-831433	SLV 6	3.92				Si
510	12.32	0.8	0.0067	2	-247425	-253944	-5820	-754569	-774451	SLV 6	3.05				Si
535	12.32	0.8	0.0067	2	530779	60316	-16238	1319716	149967	SLV 11	2.486				Si
560	12.32	0.8	0.0067	2	614337	75996	-16139	1215702	150387	SLV 11	1.979				Si

Verifica a taglio-torsione in famiglia SLU

Quota	Staffe	Ved,x	Ved,y	Ned	Comb.V	Cot	Vres	c.s.V	Mt	As,t	Al,t	Comb.Tor.	Trcd	Trsd	Trld	c.s.V-T	Ver.
106	3X/3Y ø8/14.4	-969	1199	-21885	SLU 8	2.5	30012	25.03	-41.5	0.0001	0.0007	SLU 1	952425	41.5	41.5	1.02	Si
131	3X/3Y ø8/14.4	-969	1199	-21754	SLU 8	2.5	30012	25.03	-41.5	0.0001	0.0007	SLU 1	952425	41.5	41.5	1.02	Si
156	3X/3Y ø8/14.4	-969	1199	-21621	SLU 8	2.5	30012	25.03	-41.5	0.0001	0.0007	SLU 1	952425	41.5	41.5	1.02	Si
182	3X/3Y ø8/14.4	-969	1199	-21491	SLU 8	2.5	30012	25.03	-41.5	0.0001	0.0007	SLU 1	952425	41.5	41.5	1.02	Si
207	3X/3Y ø8/14.4	-969	1199	-21360	SLU 8	2.5	30012	25.03	-41.5	0.0001	0.0007	SLU 1	952425	41.5	41.5	1.02	Si
232	3X/3Y ø8/14.4	-969	1199	-21229	SLU 8	2.5	30012	25.03	-41.5	0.0001	0.0007	SLU 1	952425	41.5	41.5	1.02	Si
257	3X/3Y ø8/14.4	-969	1199	-21098	SLU 8	2.5	30012	25.03	-41.5	0.0001	0.0007	SLU 1	952425	41.5	41.5	1.02	Si
283	3X/3Y ø8/14.4	-969	1199	-20967	SLU 8	2.5	30012	25.03	-41.5	0.0001	0.0007	SLU 1	952425	41.5	41.5	1.02	Si
308	3X/3Y ø8/14.4	-969	1199	-20836	SLU 8	2.5	30012	25.03	-41.5	0.0001	0.0007	SLU 1	952425	41.5	41.5	1.02	Si
333	3X/3Y ø8/14.4	-969	1199	-20704	SLU 8	2.5	30012	25.03	-41.5	0.0001	0.0007	SLU 1	952425	41.5	41.5	1.02	Si
358	3X/3Y ø8/14.4	-969	1199	-20573	SLU 8	2.5	30012	25.03	-41.5	0.0001	0.0007	SLU 1	952425	41.5	41.5	1.02	Si
383	3X/3Y ø8/14.4	-969	1199	-20442	SLU 8	2.5	30012	25.03	-41.5	0.0001	0.0007	SLU 1	952425	41.5	41.5	1.02	Si
409	3X/3Y ø8/14.4	-969	1199	-20311	SLU 8	2.5	30012	25.03	-41.5	0.0001	0.0007	SLU 1	952425	41.5	41.5	1.02	Si
434	3X/3Y ø8/14.4	-969	1199	-20180	SLU 8	2.5	30012	25.03	-41.5	0.0001	0.0007	SLU 1	952425	41.5	41.5	1.02	Si
459	3X/3Y ø8/14.4	-969	1199	-20049	SLU 8	2.5	30012	25.03	-41.5	0.0001	0.0007	SLU 1	952425	41.5	41.5	1.02	Si
484	3X/3Y ø8/14.4	-969	1199	-19917	SLU 8	2.5	30012	25.03	-41.5	0.0001	0.0007	SLU 1	952425	41.5	41.5	1.02	Si
510	3X/3Y ø8/14.4	-969	1199	-19786	SLU 8	2.5	30012	25.03	-41.5	0.0001	0.0007	SLU 1	952425	41.5	41.5	1.02	Si
535	3X/3Y ø8/14.4	-969	1199	-19655	SLU 8	2.5	30012	25.03	-41.5	0.0001	0.0007	SLU 1	952425	41.5	41.5	1.02	Si
560	3X/3Y ø8/14.4	-969	1199	-19527	SLU 8	2.5	30012	25.03	-41.5	0.0001	0.0007	SLU 1	952425	41.5	41.5	1.02	Si

Verifica a taglio-torsione in famiglia SLV

Quota	Staffe	Ved,x	Ved,y	Ned	Comb.V	Cot	Vres	c.s.V	Mt	As,t	Al,t	Comb.Tor.	Trcd	Trsd	Trld	c.s.V-T	Ver.
106	3X/3Y ø8/14.4	-1903	3380	-17953	SLV 11	2.5	29985	8.87	302.2	0.0006	0.0051	SLV 1	952425	302.2	302.2	1.02	Si
131	3X/3Y ø8/14.4	-1903	3380	-17853	SLV 11	2.5	29985	8.87	302.2	0.0006	0.0051	SLV 1	952425	302.2	302.2	1.02	Si
156	3X/3Y ø8/14.4	-1903	3380	-17751	SLV 11	2.5	29985	8.87	302.2	0.0006	0.0051	SLV 1	952425	302.2	302.2	1.02	Si
182	3X/3Y ø8/14.4	-1903	3380	-17651	SLV 11	2.5	29985	8.87	302.2	0.0006	0.0051	SLV 1	952425	302.2	302.2	1.02	Si
207	3X/3Y ø8/14.4	-1903	3380	-17550	SLV 11	2.5	29985	8.87	302.2	0.0006	0.0051	SLV 1	952425	302.2	302.2	1.02	Si
232	3X/3Y ø8/14.4	-1903	3380	-17449	SLV 11	2.5	29985	8.87	302.2	0.0006	0.0051	SLV 1	952425	302.2	302.2	1.02	Si
257	3X/3Y ø8/14.4	-1903	3380	-17348	SLV 11	2.5	29985	8.87	302.2	0.0006	0.0051	SLV 1	952425	302.2	302.2	1.02	Si
283	3X/3Y ø8/14.4	-1903	3380	-17247	SLV 11	2.5	29985	8.87	302.2	0.0006	0.0051	SLV 1	952425	302.2	302.2	1.02	Si
308	3X/3Y ø8/14.4	-1903	3380	-17146	SLV 11	2.5	29985	8.87	302.2	0.0006	0.0051	SLV 1	952425	302.2	302.2	1.02	Si
333	3X/3Y ø8/14.4	-1903	3380	-17045	SLV 11	2.5	29985	8.87	302.2	0.0006	0.0051	SLV 1	952425	302.2	302.2	1.02	Si
358	3X/3Y ø8/14.4	-1903	3380	-16945	SLV 11	2.5	29985	8.87	302.2	0.0006	0.0051	SLV 1	952425	302.2	302.2	1.02	Si
383	3X/3Y ø8/14.4	-1903	3380	-16844	SLV 11	2.5	29985	8.87	302.2	0.0006	0.0051	SLV 1	952425	302.2	302.2	1.02	Si
409	3X/3Y ø8/14.4	-1903	3380	-16743	SLV 11	2.5	29985	8.87	302.2	0.0006	0.0051	SLV 1	952425	302.2	302.2	1.02	Si
434	3X/3Y ø8/14.4	-1903	3380	-16642	SLV 11	2.5	29985	8.87	302.2	0.0006	0.0051	SLV 1	952425	302.2	302.2	1.02	Si
459	3X/3Y ø8/14.4	-1903	3380	-16541	SLV 11	2.5	29985	8.87	302.2	0.0006	0.0051	SLV 1	952425	302.2	302.2	1.02	Si
484	3X/3Y ø8/14.4	-1903	3380	-16440	SLV 11	2.5	29985	8.87	302.2	0.0006	0.0051	SLV 1	952425	302.2	302.2	1.02	Si
510	3X/3Y ø8/14.4	-1903	3380	-16339	SLV 11	2.5	29985	8.87	302.2	0.0006	0.0051	SLV 1	952425	302.2	302.2	1.02	Si
535	3X/3Y ø8/14.4	-1903	3380	-16238	SLV 11	2.5	29985	8.87	302.2	0.0006	0.0051	SLV 1	952425	302.2	302.2	1.02	Si
560	3X/3Y ø8/14.4	-1903	3380	-16139	SLV 11	2.5	29985	8.87	302.2	0.0006	0.0051	SLV 1	952425	302.2	302.2	1.02	Si

Verifica delle tensioni in combinazioni rara

Tensione limite del calcestruzzo 224.1 daN/cm²
Tensione limite dell'acciaio 3600 daN/cm²
Coefficiente di omogeneizzazione impiegato 15

Quota	Mx	My	N	Comb.	σc,max	Mx	My	N	Comb.	σf,max	Verifica
106	-238925	128210	-15224	SLE RA 1	-56.8	-238925	128210	-15224	SLE RA 1	556.5	Si
131	-217138	111867	-15123	SLE RA 1	-44.5	-217138	111867	-15123	SLE RA 1	-423.9	Si
156	-195122	95351	-15021	SLE RA 1	-41.2	-195122	95351	-15021	SLE RA 1	-400.4	Si
182	-173564	79180	-14921	SLE RA 1	-29.9	-173564	79180	-14921	SLE RA 1	-323.3	Si
207	-151777	62837	-14820	SLE RA 1	-26.6	-151777	62837	-14820	SLE RA 1	-292.6	Si
232	-129990	46493	-14719	SLE RA 1	-23.3	-129990	46493	-14719	SLE RA 1	-261.9	Si
257	-108203	30150	-14619	SLE RA 1	-20	-108203	30150	-14619	SLE RA 1	-231.2	Si
283	-86416	13807	-14518	SLE RA 1	-16.7	-86416	13807	-14518	SLE RA 1	-200.5	Si
308	-64629	-2537	-14417	SLE RA 1	-13.8	-64629	-2537	-14417	SLE RA 1	-173.8	Si
333	-42842	-18880	-14316	SLE RA 1	-13.3	-42842	-18880	-14316	SLE RA 1	-168.7	Si
358	-21055	-35223	-14215	SLE RA 1	-12.8	-21055	-35223	-14215	SLE RA 1	-163.5	Si
383	732	-51567	-14114	SLE RA 1	-12.4	732	-51567	-14114	SLE RA 1	-159.9	Si
409	22519	-67910	-14013	SLE RA 1	-15.6	22519	-67910	-14013	SLE RA 1	-188.6	Si
434	44306	-84253	-13912	SLE RA 1	-18.8	44306	-84253	-13912	SLE RA 1	-217.6	Si
459	66093	-100597	-13811	SLE RA 1	-22	66093	-100597	-13811	SLE RA 1	-246.6	Si
484	87880	-116940	-13711	SLE RA 1	-25.2	87880	-116940	-13711	SLE RA 1	-275.6	Si
510	109667	-133283	-13610	SLE RA 1	-28.4	109667	-133283	-13610	SLE RA 1	-304.6	Si

Quota	Mx	My	N	Comb.	σc,max	Mx	My	N	Comb.	σf,max	Verifica
535	131454	-149627	-13509	SLE RA 1	-42.1	131454	-149627	-13509	SLE RA 1	-403.4	Si
560	152809	-165646	-13410	SLE RA 1	-49.8	152809	-165646	-13410	SLE RA 1	-457.6	Si

Verifica delle tensioni sul calcestruzzo in combinazioni quasi permanenti

Tensione limite del calcestruzzo 168.1 daN/cm²

Coefficiente di omogeneizzazione impiegato 15

Quota	Mx	My	N	Comb.	σc,max	Verifica
106	-209323	102011	-12694	SLE QP 4	-48.6	Si
131	-190049	89085	-12593	SLE QP 4	-38	Si
156	-170573	76022	-12491	SLE QP 4	-27.2	Si
182	-151502	63232	-12391	SLE QP 4	-25.3	Si
207	-132229	50305	-12290	SLE QP 4	-22.5	Si
232	-112955	37379	-12189	SLE QP 4	-19.7	Si
257	-93682	24452	-12088	SLE QP 4	-16.9	Si
283	-74408	11526	-11988	SLE QP 4	-14	Si
308	-55135	-1401	-11887	SLE QP 4	-11.5	Si
333	-35861	-14327	-11786	SLE QP 4	-10.9	Si
358	-16588	-27254	-11685	SLE QP 4	-10.3	Si
383	3209	-40011	-11605	SLE QP 2	-10.2	Si
409	21959	-53107	-11483	SLE QP 4	-12.8	Si
434	41233	-66033	-11382	SLE QP 4	-15.5	Si
459	60506	-78960	-11281	SLE QP 4	-18.2	Si
484	79780	-91886	-11180	SLE QP 4	-20.9	Si
510	99053	-104813	-11080	SLE QP 4	-23.6	Si
535	118327	-117739	-10979	SLE QP 4	-26.3	Si
560	137218	-130409	-10880	SLE QP 4	-42.3	Si

Verifiche nodi trave colonna

Verifiche dei nodi trave pilastro non presenti in quanto la verifica è non necessaria per la pilastrata.

Verifica di instabilità

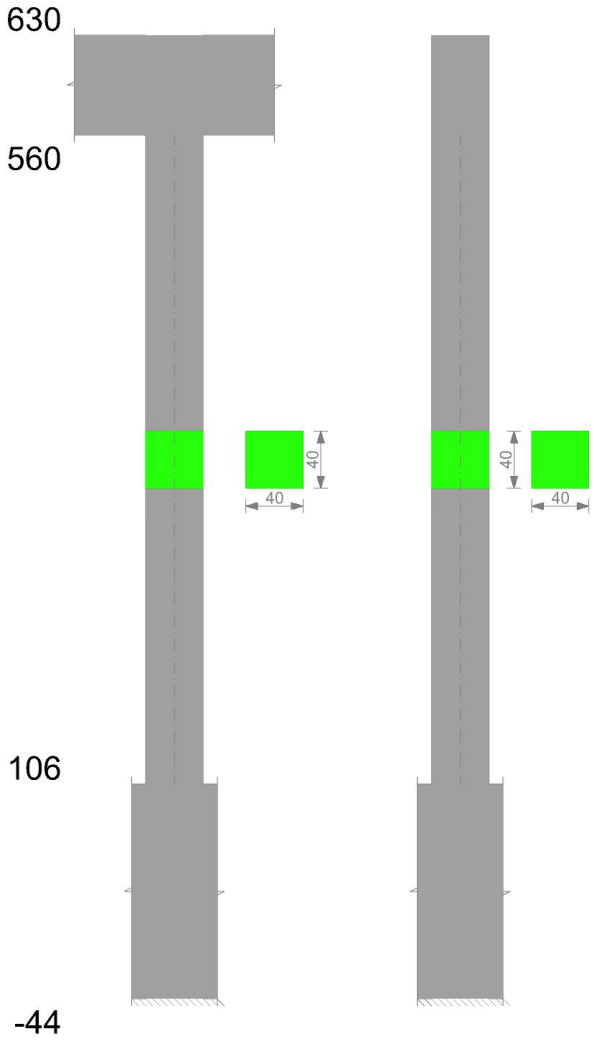
Q.inf.	Q.sup.	Quota	λ,x	λ,y	λ,limX	λ,limY	M 2° ord.	Nsd	Comb.	M0ed,x	M2,x	M0ed,y	M2,y	Mver,x	Mver,y	C.s x	C.s y	Risultato	(5.38)	(5.39)	Ver.
25	595	106	49	49	49	67	Si	-21885	SLU 8	132949	112943	121917	110730	-332373	181926	6.37	10.3	Min	No	4.7	Si
25	595	106	49	49	49	67	Si	-21885	SLU 8	132949	112943	121917	110730	-332373	181926	6.37	10.3	X	No	4.7	Si
25	595	106	49	49	49	67	Si	-21885	SLU 8	132949	112943	121917	110730	-332373	181926	6.37	10.3	Min	No	4.7	Si
25	595	560	49	49	53	70	No	-19333	SLU 5	125295	102248	125898	96862	197742	-246430	9.92	8.28	Y	No	5.37	Si

Verifiche di gerarchia delle resistenze nei nodi trave pilastro

Verifiche di gerarchia delle resistenze nei nodi trave pilastro non presenti in quanto la verifica è non necessaria per la pilastrata.

Pilastrata 20

Geometria



Dati della pilastrata

Campate costituenti la pilastrata

Q.inf.	Q.sup.	Sezione	Esistente	Secondaria	Dissipativa	Interna a parete	Sovraresistenza	Materiale CLS	Materiale Acciaio	FC
106	560	R 40x40	No	No	No	No		C35/45_1	B450C_1	

Disposizione delle armature longitudinali

Posizione	X	Y	Diametro	Area	Q.inf.	Q.sup.	Sezione	Materiale
p.1	-12.24	-12.24	1.4	1.539	25	100	R 40x40	B450C_1
p.1	12.24	-12.24	1.4	1.539	25	100	R 40x40	B450C_1
p.1	12.24	12.24	1.4	1.539	25	100	R 40x40	B450C_1
p.1	-12.24	12.24	1.4	1.539	25	100	R 40x40	B450C_1
p.1	0	-12.5	1.4	1.539	25	100	R 40x40	B450C_1
p.1	0	12.5	1.4	1.539	25	100	R 40x40	B450C_1
p.1	-12.5	0	1.4	1.539	25	100	R 40x40	B450C_1
p.1	12.5	0	1.4	1.539	25	100	R 40x40	B450C_1
p.2	-12.24	-12.24	1.4	1.539	100	596.6	R 40x40	B450C_1
p.2	12.24	-12.24	1.4	1.539	100	596.6	R 40x40	B450C_1
p.2	12.24	12.24	1.4	1.539	100	596.6	R 40x40	B450C_1
p.2	-12.24	12.24	1.4	1.539	100	596.6	R 40x40	B450C_1
p.2	0	-12.5	1.4	1.539	100	596.6	R 40x40	B450C_1
p.2	0	12.5	1.4	1.539	100	596.6	R 40x40	B450C_1
p.2	-12.5	0	1.4	1.539	100	596.6	R 40x40	B450C_1
p.2	12.5	0	1.4	1.539	100	596.6	R 40x40	B450C_1

Controlli geometrici NTC08

Nessuna anomalia

Verifiche delle sezioni

Verifica a pressoflessione in SLU

Quota	As	%	At	Pos.	Mx	My	N	MRdx	MRdy	Comb.	Coeff.s.	Verifica
106	14.21	1.5	0.0008	1,2	-125893	125893	-62946	-653058	653058	SLU 6	5.187	Si
131	22.15	1.5	0.0008	1,2	-125630	125630	-62815	-702978	702978	SLU 6	5.596	Si
156	16.61	1.5	0.0008	1,2	-125365	125365	-62683	-668678	668678	SLU 6	5.334	Si
182	12.32	0.8	0.0008	2	-125106	125106	-62553	-638197	638197	SLU 6	5.101	Si
207	12.32	0.8	0.0008	2	-124843	124843	-62422	-638197	638197	SLU 6	5.112	Si
232	12.32	0.8	0.0008	2	-124581	124581	-62291	-638197	638197	SLU 6	5.123	Si
257	12.32	0.8	0.0008	2	-124319	124319	-62159	-638197	638197	SLU 6	5.134	Si
283	12.32	0.8	0.0008	2	-124057	124057	-62028	-638197	638197	SLU 6	5.144	Si
308	12.32	0.8	0.0008	2	-123794	123794	-61897	-638197	638197	SLU 6	5.155	Si
333	12.32	0.8	0.0008	2	-123532	123532	-61766	-638197	638197	SLU 6	5.166	Si
358	12.32	0.8	0.0008	2	-123270	123270	-61635	-638197	638197	SLU 6	5.177	Si
383	12.32	0.8	0.0008	2	-123007	-123007	-61504	-638197	-638197	SLU 6	5.188	Si
409	12.32	0.8	0.0008	2	-122745	-122745	-61372	-638197	-638197	SLU 6	5.199	Si
434	12.32	0.8	0.0008	2	-122483	-122483	-61241	-638197	-638197	SLU 6	5.211	Si
459	12.32	0.8	0.0008	2	-122220	-122220	-61110	-638197	-638197	SLU 6	5.222	Si
484	12.32	0.8	0.0008	2	-121958	-121958	-60979	-638197	-638197	SLU 6	5.233	Si
510	12.32	0.8	0.0008	2	-121696	-121696	-60848	-638197	-638197	SLU 6	5.244	Si
535	12.32	0.8	0.0008	2	-121433	-121433	-60717	-638197	-638197	SLU 6	5.256	Si

Quota	As	%	At	Pos.	Mx	My	N	MRdx	MRdy	Comb.	Coeff.s.	Verifica
560	12.32	0.8	0.0008	2	-121176	-121176	-60588	-638197	-638197	SLU 6	5.267	Si

Verifica a pressoflessione in SLV

Quota	As	%	At	Pos.	Mx	My	N	MRdx	MRdy	Comb.	Coeff.s.	Nmin	Nlim	Comb.Nmin	Ver.
106	14.21	1.5	0.0067	1,2	79720	499104	-33360	317691	1988981	SLV 1	3.985				Si
131	22.15	1.5	0.0067	1,2	75236	452928	-33260	368581	2218884	SLV 1	4.899				Si
156	16.61	1.5	0.0067	1,2	70706	406267	-33158	355535	2042854	SLV 1	5.028				Si
182	12.32	0.8	0.0067	2	66270	360577	-33058	349058	1899224	SLV 1	5.267				Si
207	12.32	0.8	0.0067	2	61788	314402	-32957	363166	1847931	SLV 1	5.878				Si
232	12.32	0.8	0.0067	2	-190405	-151585	-36671	-1238430	-985937	SLV 12	6.504				Si
257	12.32	0.8	0.0067	2	-178654	-126717	-36571	-1231608	-873560	SLV 12	6.894				Si
283	12.32	0.8	0.0067	2	-166904	-101851	-36470	-1217413	-742910	SLV 12	7.294				Si
308	12.32	0.8	0.0067	2	-155154	-76989	-36369	-1193327	-592146	SLV 12	7.691				Si
333	12.32	0.8	0.0067	2	-143673	-51900	-36258	-1156527	-417783	SLV 11	8.05				Si
358	12.32	0.8	0.0067	2	-131898	-27253	-36157	-1103030	-227910	SLV 11	8.363				Si
383	12.32	0.8	0.0067	2	-120123	-1480	-36056	-1037797	-12784	SLV 11	8.639				Si
409	12.32	0.8	0.0067	2	-89288	-2250	-36402	-782641	-19725	SLV 8	8.765				Si
434	12.32	0.8	0.0067	2	-80382	2884	-36301	-706530	25347	SLV 8	8.79				Si
459	12.32	0.8	0.0067	2	-84672	72342	-35763	-745237	636719	SLV 12	8.801				Si
484	12.32	0.8	0.0067	2	12602	-193572	-31847	102410	-1573024	SLV 1	8.126				Si
510	12.32	0.8	0.0067	2	8201	-239746	-31746	60251	-1761337	SLV 1	7.347				Si
535	12.32	0.8	0.0067	2	3703	-285920	-31645	24489	-1890629	SLV 1	6.612				Si
560	12.32	0.8	0.0067	2	-3179	-331179	-31546	-18922	-1971247	SLV 1	5.952				Si

Verifica a taglio-torsione in famiglia SLU

Quota	Staffe	Ved,x	Ved,y	Ned	Comb.V	Cot	Vres	c.s.V	Mt	As,t	Al,t	Comb.Tor.	Trcd	Trsd	Trld	c.s.V-T	Ver.
106	3X/3Y ø8/14.4	-382	168	-62894	SLU 5	2.5	30014	78.58	-30.6	0.0001	0.0005	SLU 1	952425	30.6	30.6	1.02	Si
131	3X/3Y ø8/14.4	-382	168	-62763	SLU 5	2.5	30014	78.58	-30.6	0.0001	0.0005	SLU 1	952425	30.6	30.6	1.02	Si
156	3X/3Y ø8/14.4	-382	168	-62630	SLU 5	2.5	30014	78.58	-30.6	0.0001	0.0005	SLU 1	952425	30.6	30.6	1.02	Si
182	3X/3Y ø8/14.4	-382	168	-62501	SLU 5	2.5	30014	78.58	-30.6	0.0001	0.0005	SLU 1	952425	30.6	30.6	1.02	Si
207	3X/3Y ø8/14.4	-382	168	-62369	SLU 5	2.5	30014	78.58	-30.6	0.0001	0.0005	SLU 1	952425	30.6	30.6	1.02	Si
232	3X/3Y ø8/14.4	-382	168	-62238	SLU 5	2.5	30014	78.58	-30.6	0.0001	0.0005	SLU 1	952425	30.6	30.6	1.02	Si
257	3X/3Y ø8/14.4	-382	168	-62107	SLU 5	2.5	30014	78.58	-30.6	0.0001	0.0005	SLU 1	952425	30.6	30.6	1.02	Si
283	3X/3Y ø8/14.4	-382	168	-61976	SLU 5	2.5	30014	78.58	-30.6	0.0001	0.0005	SLU 1	952425	30.6	30.6	1.02	Si
308	3X/3Y ø8/14.4	-382	168	-61845	SLU 5	2.5	30014	78.58	-30.6	0.0001	0.0005	SLU 1	952425	30.6	30.6	1.02	Si
333	3X/3Y ø8/14.4	-382	168	-61714	SLU 5	2.5	30014	78.58	-30.6	0.0001	0.0005	SLU 1	952425	30.6	30.6	1.02	Si
358	3X/3Y ø8/14.4	-382	168	-61582	SLU 5	2.5	30014	78.58	-30.6	0.0001	0.0005	SLU 1	952425	30.6	30.6	1.02	Si
383	3X/3Y ø8/14.4	-382	168	-61451	SLU 5	2.5	30014	78.58	-30.6	0.0001	0.0005	SLU 1	952425	30.6	30.6	1.02	Si
409	3X/3Y ø8/14.4	-382	168	-61320	SLU 5	2.5	30014	78.58	-30.6	0.0001	0.0005	SLU 1	952425	30.6	30.6	1.02	Si
434	3X/3Y ø8/14.4	-382	168	-61189	SLU 5	2.5	30014	78.58	-30.6	0.0001	0.0005	SLU 1	952425	30.6	30.6	1.02	Si
459	3X/3Y ø8/14.4	-382	168	-61058	SLU 5	2.5	30014	78.58	-30.6	0.0001	0.0005	SLU 1	952425	30.6	30.6	1.02	Si
484	3X/3Y ø8/14.4	-382	168	-60927	SLU 5	2.5	30014	78.58	-30.6	0.0001	0.0005	SLU 1	952425	30.6	30.6	1.02	Si
510	3X/3Y ø8/14.4	-382	168	-60796	SLU 5	2.5	30014	78.58	-30.6	0.0001	0.0005	SLU 1	952425	30.6	30.6	1.02	Si
535	3X/3Y ø8/14.4	-382	168	-60664	SLU 5	2.5	30014	78.58	-30.6	0.0001	0.0005	SLU 1	952425	30.6	30.6	1.02	Si
560	3X/3Y ø8/14.4	-382	168	-60536	SLU 5	2.5	30014	78.58	-30.6	0.0001	0.0005	SLU 1	952425	30.6	30.6	1.02	Si

Verifica a taglio-torsione in famiglia SLV

Quota	Staffe	Ved,x	Ved,y	Ned	Comb.V	Cot	Vres	c.s.V	Mt	As,t	Al,t	Comb.Tor.	Trcd	Trsd	Trld	c.s.V-T	Ver.
106	3X/3Y ø8/14.4	-1831	467	-33360	SLV 1	2.5	29992	16.38	309.1	0.0006	0.0053	SLV 1	952425	309.1	309.1	1.02	Si
131	3X/3Y ø8/14.4	-1831	467	-33260	SLV 1	2.5	29992	16.38	309.1	0.0006	0.0053	SLV 1	952425	309.1	309.1	1.02	Si
156	3X/3Y ø8/14.4	-1831	467	-33158	SLV 1	2.5	29992	16.38	309.1	0.0006	0.0053	SLV 1	952425	309.1	309.1	1.02	Si
182	3X/3Y ø8/14.4	-1831	467	-33058	SLV 1	2.5	29992	16.38	309.1	0.0006	0.0053	SLV 1	952425	309.1	309.1	1.02	Si
207	3X/3Y ø8/14.4	-1831	467	-32957	SLV 1	2.5	29992	16.38	309.1	0.0006	0.0053	SLV 1	952425	309.1	309.1	1.02	Si
232	3X/3Y ø8/14.4	-1831	467	-32856	SLV 1	2.5	29992	16.38	309.1	0.0006	0.0053	SLV 1	952425	309.1	309.1	1.02	Si
257	3X/3Y ø8/14.4	-1831	467	-32755	SLV 1	2.5	29992	16.38	309.1	0.0006	0.0053	SLV 1	952425	309.1	309.1	1.02	Si
283	3X/3Y ø8/14.4	-1831	467	-32654	SLV 1	2.5	29992	16.38	309.1	0.0006	0.0053	SLV 1	952425	309.1	309.1	1.02	Si
308	3X/3Y ø8/14.4	-1831	467	-32553	SLV 1	2.5	29992	16.38	309.1	0.0006	0.0053	SLV 1	952425	309.1	309.1	1.02	Si
333	3X/3Y ø8/14.4	-1831	467	-32452	SLV 1	2.5	29992	16.38	309.1	0.0006	0.0053	SLV 1	952425	309.1	309.1	1.02	Si
358	3X/3Y ø8/14.4	-1831	467	-32352	SLV 1	2.5	29992	16.38	309.1	0.0006	0.0053	SLV 1	952425	309.1	309.1	1.02	Si
383	3X/3Y ø8/14.4	-1831	467	-32251	SLV 1	2.5	29992	16.38	309.1	0.0006	0.0053	SLV 1	952425	309.1	309.1	1.02	Si
409	3X/3Y ø8/14.4	-1831	467	-32150	SLV 1	2.5	29992	16.38	309.1	0.0006	0.0053	SLV 1	952425	309.1	309.1	1.02	Si
434	3X/3Y ø8/14.4	-1831	467	-32049	SLV 1	2.5	29992	16.38	309.1	0.0006	0.0053	SLV 1	952425	309.1	309.1	1.02	Si
459	3X/3Y ø8/14.4	-1831	467	-31948	SLV 1	2.5	29992	16.38	309.1	0.0006	0.0053	SLV 1	952425	309.1	309.1	1.02	Si
484	3X/3Y ø8/14.4	-1831	467	-31847	SLV 1	2.5	29992	16.38	309.1	0.0006	0.0053	SLV 1	952425	309.1	309.1	1.02	Si
510	3X/3Y ø8/14.4	-1831	467	-31746	SLV 1	2.5	29992	16.38	309.1	0.0006	0.0053	SLV 1	952425	309.1	309.1	1.02	Si
535	3X/3Y ø8/14.4	-1831	467	-31645	SLV 1	2.5	29992	16.38	309.1	0.0006	0.0053	SLV 1	952425	309.1	309.1	1.02	Si
560	3X/3Y ø8/14.4	-1831	467	-31546	SLV 1	2.5	29992	16.38	309.1	0.0006	0.0053	SLV 1	952425	309.1	309.1	1.02	Si

Verifica delle tensioni in combinazioni rara

Tensione limite del calcestruzzo 224.1 daN/cm²
Tensione limite dell'acciaio 3600 daN/cm²
Coefficiente di omogeneizzazione impiegato 15

Quota	Mx	My	N	Comb.	σc,max	Mx	My	N	Comb.	σf,max	Verifica
106	-67713	76768	-42922	SLE RA 1	-35.8	-67713	76768	-42922	SLE RA 1	-466.7	Si
131	-64706	69752	-42822	SLE RA 1	-32.9	-64706	69752	-42822	SLE RA 1	-430.7	Si
156	-61667	62662	-42720	SLE RA 1	-33.4	-61667	62662	-42720	SLE RA 1	-441	Si
182	-58692	55719	-42620	SLE RA 1	-33.6	-58692	55719	-42620	SLE RA 1	-447.8	Si
207	-55685	48703	-42519	SLE RA 1	-32.7	-55685	48703	-42519	SLE RA 1	-439.1	Si
232	-52678	41687	-42418	SLE RA 1	-31.8	-52678	41687	-42418	SLE RA 1	-430.4	Si
257	-49671	34670	-42317	SLE RA 1	-30.9	-49671	34670	-42317	SLE RA 1	-421.7	Si
283	-46664	27654	-42216	SLE RA 1	-30	-46664	27654	-42216	SLE RA 1	-413	Si
308	-43657	20638	-42115	SLE RA 1	-29.1	-43657	20638	-42115	SLE RA 1	-404.3	Si
333	-40650	13622	-42014	SLE RA 1	-28.2	-40650	13622	-42014	SLE RA 1	-395.6	Si
358	-37642	6606	-41914	SLE RA 1	-27.3	-37642	6606	-41914	SLE RA 1	-386.9	Si
383	-34635	-411	-41813	SLE RA 1	-26.4	-34635	-411	-41813	SLE RA 1	-379.1	Si
409	-31628	-7427	-41712	SLE RA 1	-26.7	-31628	-7427	-41712	SLE RA 1	-381.2	Si
434	-28621	-14443	-41611	SLE RA 1	-27	-28621	-14443	-41611	SLE RA 1	-383.5	Si
459	-25614	-21459	-41510	SLE RA 1	-27.3	-25614	-21459	-41510	SLE RA 1	-385.7	Si
484	-22607	-28476	-41409	SLE RA 1	-27.6	-22607	-28476	-41409	SLE RA 1	-388	Si
510	-19600	-35492	-41308	SLE RA 1	-27.8	-19600	-35492	-41308	SLE RA 1	-390.3	Si
535	-16593	-42508	-41207	SLE RA 1	-28.1	-16593	-42508	-41207	SLE RA 1	-392.6	Si
560	-13646	-49385	-41108	SLE RA 1	-28.4	-13646	-49385	-41108	SLE RA 1	-394.9	Si

Verifica delle tensioni sul calcestruzzo in combinazioni quasi permanenti

Tensione limite del calcestruzzo 168.1 daN/cm²
Coefficiente di omogeneizzazione impiegato 15

Quota	Mx	My	N	Comb.	σc,max	Verifica
106	-57872	74759	-33735	SLE QP 4	-29.8	Si
131	-55294	67871	-33634	SLE QP 4	-27.2	Si
156	-52689	60911	-33532	SLE QP 4	-27.5	Si
182	-50138	54096	-33432	SLE QP 4	-27.6	Si
207	-47561	47208	-33331	SLE QP 4	-26.8	Si
232	-44983	40320	-33230	SLE QP 4	-25.9	Si
257	-42405	33432	-33129	SLE QP 4	-25	Si

Quota	Mx	My	N	Comb.	σc,max	Verifica
283	-39827	26544	-33029	SLE QP 4	-24.2	Si
308	-37249	19656	-32928	SLE QP 4	-23.3	Si
333	-34671	12768	-32827	SLE QP 4	-22.4	Si
358	-32093	5880	-32726	SLE QP 4	-21.6	Si
383	-29515	-1008	-32625	SLE QP 4	-20.9	Si
409	-26937	-7896	-32524	SLE QP 4	-21.2	Si
434	-24359	-14784	-32423	SLE QP 4	-21.5	Si
459	-21781	-21672	-32322	SLE QP 4	-21.8	Si
484	-19203	-28560	-32221	SLE QP 4	-22.1	Si
510	-16625	-35448	-32121	SLE QP 4	-22.4	Si
535	-14047	-42336	-32020	SLE QP 4	-22.8	Si
560	-11521	-49087	-31921	SLE QP 4	-23.1	Si

Verifiche nodi trave colonna

Verifiche dei nodi trave pilastro non presenti in quanto la verifica è non necessaria per la pilastrata.

Verifica di instabilità

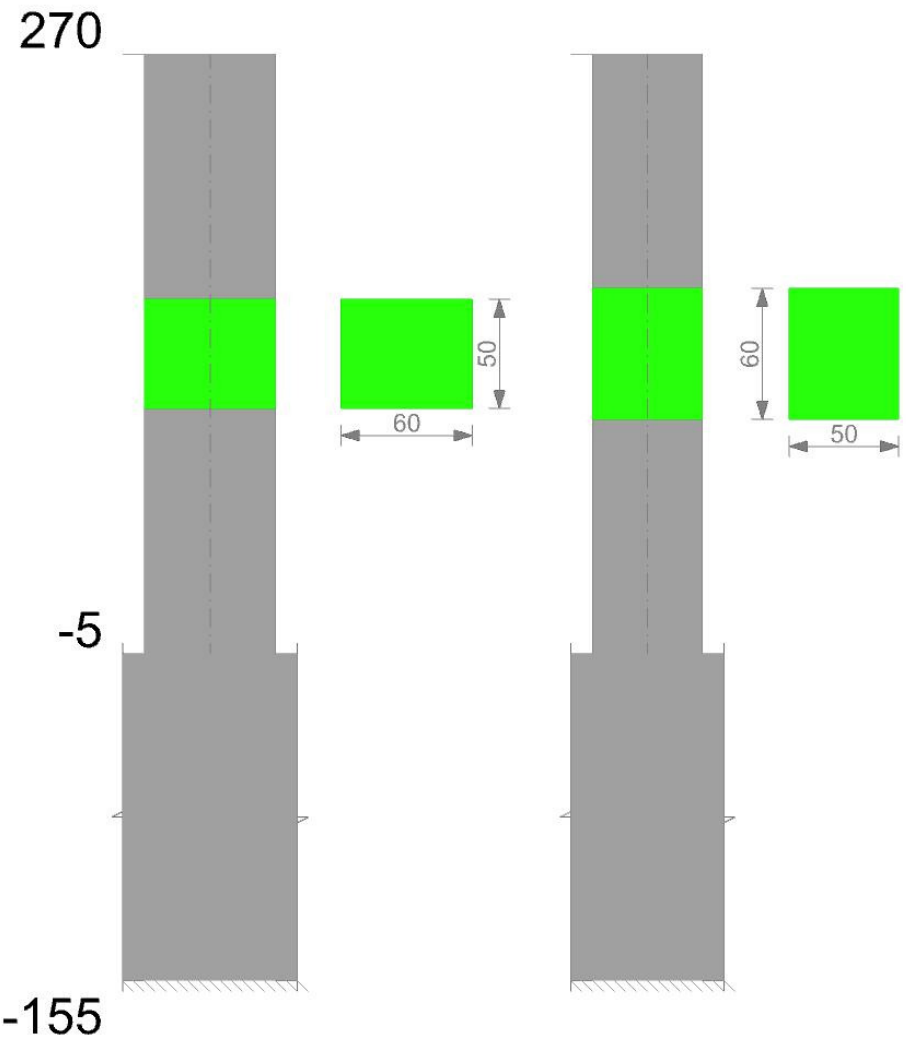
Q.inf.	Q.sup.	Quota	λ,x	λ,y	λ,limX	λ,limY	M 2° ord.	Nsd	Comb.	M0ed,x	M2,x	M0ed,y	M2,y	Mver,x	Mver,y	C.s x	C.s y	Risultato	(5.38)	(5.39)	Ver.
25	595	181.7	49	49	64	29	Si	-62501	SLU 8	59770	320513	37205	345186	-82239	382391	5.11	4.15	Min	No	4.05	Si
25	595	181.7	49	49	64	29	Si	-62553	SLU 6	58800	321819	40502	338940	-80760	379442	5.1	4.16	X	No	4.07	Si
25	595	181.7	49	49	64	29	Si	-62501	SLU 8	59770	320513	37205	345186	-82239	382391	5.11	4.15	Min	No	4.05	Si
25	595	383.4	49	49	64	29	Si	-61451	SLU 5	56839	317900	42375	350863	-56839	-393238		4.14	Y	Si		Si

Verifiche di gerarchia delle resistenze nei nodi trave pilastro

Verifiche di gerarchia delle resistenze nei nodi trave pilastro non presenti in quanto la verifica è non necessaria per la pilastrata.

Pilastrata 28

Geometria



Dati della pilastrata

Campate costituenti la pilastrata

Q.inf.	Q.sup.	Sezione	Esistente	Secondaria	Dissipativa	Interna a parete	Sovraresistenza	Materiale CLS	Materiale Acciaio	FC
-5	270	R 60x50	No	No	No	No		C35/45_1	B450C_1	

Disposizione delle armature longitudinali

Posizione	X	Y	Diametro	Area	Q.inf.	Q.sup.	Sezione	Materiale
p.1	-21.95	-16.95	2.2	3.801	-80	-5	R 60x50	B450C_1
p.1	-18.75	-13.75	2.2	3.801	-80	-5	R 60x50	B450C_1
p.1	21.95	-16.95	2.2	3.801	-80	-5	R 60x50	B450C_1
p.1	18.75	-13.75	2.2	3.801	-80	-5	R 60x50	B450C_1
p.1	21.95	16.95	2.2	3.801	-80	-5	R 60x50	B450C_1
p.1	18.75	13.75	2.2	3.801	-80	-5	R 60x50	B450C_1
p.1	-21.95	16.95	2.2	3.801	-80	-5	R 60x50	B450C_1
p.1	-18.75	13.75	2.2	3.801	-80	-5	R 60x50	B450C_1

Posizione	X	Y	Diametro	Area	Q.inf.	Q.sup.	Sezione	Materiale
p.1	-13.92	-17.1	2.2	3.801	-80	-5	R 60x50	B450C_1
p.1	-4.64	-17.1	2.2	3.801	-80	-5	R 60x50	B450C_1
p.1	4.64	-17.1	2.2	3.801	-80	-5	R 60x50	B450C_1
p.1	13.92	-17.1	2.2	3.801	-80	-5	R 60x50	B450C_1
p.1	-13.92	17.1	2.2	3.801	-80	-5	R 60x50	B450C_1
p.1	-4.64	17.1	2.2	3.801	-80	-5	R 60x50	B450C_1
p.1	4.64	17.1	2.2	3.801	-80	-5	R 60x50	B450C_1
p.1	13.92	17.1	2.2	3.801	-80	-5	R 60x50	B450C_1
p.1	-22.1	-9.1	2.2	3.801	-80	-5	R 60x50	B450C_1
p.1	-22.1	0	2.2	3.801	-80	-5	R 60x50	B450C_1
p.1	-22.1	9.1	2.2	3.801	-80	-5	R 60x50	B450C_1
p.1	22.1	-9.1	2.2	3.801	-80	-5	R 60x50	B450C_1
p.1	22.1	0	2.2	3.801	-80	-5	R 60x50	B450C_1
p.1	22.1	9.1	2.2	3.801	-80	-5	R 60x50	B450C_1
p.2	-22.02	-17.02	2	3.142	-5	270	R 60x50	B450C_1
p.2	22.02	-17.02	2	3.142	-5	270	R 60x50	B450C_1
p.2	22.02	17.02	2	3.142	-5	270	R 60x50	B450C_1
p.2	-22.02	17.02	2	3.142	-5	270	R 60x50	B450C_1
p.3	-11.6	-17.2	2	3.142	-5	270	R 60x50	B450C_1
p.3	0	-17.2	2	3.142	-5	270	R 60x50	B450C_1
p.3	11.6	-17.2	2	3.142	-5	270	R 60x50	B450C_1
p.3	-11.6	17.2	2	3.142	-5	270	R 60x50	B450C_1
p.3	0	17.2	2	3.142	-5	270	R 60x50	B450C_1
p.3	11.6	17.2	2	3.142	-5	270	R 60x50	B450C_1
p.4	-22.2	-6.07	2	3.142	-5	270	R 60x50	B450C_1
p.4	-22.2	6.07	2	3.142	-5	270	R 60x50	B450C_1
p.4	22.2	-6.07	2	3.142	-5	270	R 60x50	B450C_1
p.4	22.2	6.07	2	3.142	-5	270	R 60x50	B450C_1

Controlli geometrici NTC08

Nessuna anomalia

Verifiche delle sezioni

Verifica a pressoflessione in SLU

Quota	As	%	At	Pos.	Mx	My	N	MRdx	MRdy	Comb.	Coeff.s.	Verifica
-5	83.63	4.3	0.0343	1,2,3,4	-597330	4390586	-238932	-1095857	8054939	SLU 6	1.835	Si
20	95.27	4.3	0.0343	1,2,3,4	-596731	3820892	-238693	-1255171	8036904	SLU 6	2.103	Si
44	81.12	4.3	0.0343	1,2,3,4	-596133	3251198	-238453	-1292166	7047232	SLU 6	2.168	Si
69	52.69	4.3	0.0343	1,2,3,4	-595535	2681504	-238214	-1249083	5624223	SLU 6	2.097	Si
93	43.98	1.5	0.0343	2,3,4	-594937	2111810	-237975	-1325895	4706451	SLU 6	2.229	Si
118	43.98	1.5	0.0343	2,3,4	-600161	1510381	-240065	-1479604	3723608	SLU 8	2.465	Si
142	43.98	1.5	0.0343	2,3,4	-599563	947012	-239825	-1623051	2563616	SLU 8	2.707	Si
167	43.98	1.5	0.0343	2,3,4	-598965	718758	-239586	-1678071	2013685	SLU 8	2.802	Si
191	43.98	1.5	0.0343	2,3,4	-598367	-718040	-239347	-1678071	-2013685	SLU 8	2.804	Si
216	43.98	1.5	0.0343	2,3,4	-597768	-743093	-239107	-1672069	-2078569	SLU 8	2.797	Si
240	43.98	1.5	0.0343	2,3,4	-597170	-1306461	-238868	-1530346	-3348021	SLU 8	2.563	Si
265	62.89	2.9	0.0343	2,3,4	596584	-1858354	-238634	1511862	-4709439	SLU 8	2.534	Si

Verifica a pressoflessione in SLV

Quota	As	%	At	Pos.	Mx	My	N	MRdx	MRdy	Comb.	Coeff.s.	Nmin	Nlim	Comb.Nmin	Ver.
-5	83.63	4.3	0.0519	1,2,3,4	203739	6847785	-51065	238833	8027315	SLV 2	1.172				Si
20	95.27	4.3	0.0519	1,2,3,4	-1164438	6148297	-103798	-1723159	9098375	SLV 3	1.48				Si
44	81.12	4.3	0.0519	1,2,3,4	121854	5223163	-50697	189571	8125822	SLV 2	1.556				Si
69	52.69	4.3	0.0519	1,2,3,4	32534	4414977	-50327	44013	5972714	SLV 1	1.353				Si
93	43.98	1.5	0.0519	2,3,4	94	3606826	-50143	142	5465540	SLV 1	1.515				Si
118	43.98	1.5	0.0519	2,3,4	120608	2863701	-49959	244688	5809855	SLV 1	2.029				Si
142	43.98	1.5	0.0519	2,3,4	-639972	-13577	-277288	-1569100	-33288	SLV 12	2.452				Si
167	43.98	1.5	0.0519	2,3,4	-286584	-198390	-277104	-703120	-486741	SLV 12	2.453				Si
191	43.98	1.5	0.0519	2,3,4	62110	-409885	-276920	152484	-1006303	SLV 12	2.455				Si
216	43.98	1.5	0.0519	2,3,4	407314	-645421	-276736	1000657	-1585618	SLV 12	2.457				Si
240	43.98	1.5	0.0519	2,3,4	779759	-898960	-276398	1854253	-2137711	SLV 11	2.378				Si
265	62.89	2.9	0.0519	2,3,4	1125512	-1187637	-276218	2670958	-2818387	SLV 11	2.373				Si

Verifica a taglio-torsione in famiglia SLU

Quota	Staffe	Ved,x	Ved,y	Ned	Comb.V	Cot	Vres	c.s.V	Mt	As,t	Al,t	Comb.Tor.	Trcd	Trsd	Trld	c.s.V-T	Ver.
-5	4X/2Y ø8/18.3	-23210	2185	-238932	SLU 6	2.5	50214	2.16	-2302	0.0032	0.0289	SLU 1	2432941.4	2302	2302	1.02	Si
20	4X/2Y ø8/18.3	-23210	2185	-238693	SLU 6	2.5	50214	2.16	-2302	0.0032	0.0289	SLU 1	2432941.4	2302	2302	1.02	Si
44	4X/2Y ø8/18.3	-23210	2185	-238453	SLU 6	2.5	50214	2.16	-2302	0.0032	0.0289	SLU 1	2432941.4	2302	2302	1.02	Si
69	4X/2Y ø8/18.3	-23210	2185	-238214	SLU 6	2.5	50214	2.16	-2302	0.0032	0.0289	SLU 1	2432941.4	2302	2302	1.02	Si
93	4X/2Y ø8/18.3	-23210	2185	-237975	SLU 6	2.5	50214	2.16	-2302	0.0032	0.0289	SLU 1	2432941.4	2302	2302	1.02	Si
118	4X/2Y ø8/18.3	-23210	2185	-237735	SLU 6	2.5	50214	2.16	-2302	0.0032	0.0289	SLU 1	2432941.4	2302	2302	1.02	Si
142	4X/2Y ø8/18.3	-23210	2185	-237496	SLU 6	2.5	50214	2.16	-2302	0.0032	0.0289	SLU 1	2432941.4	2302	2302	1.02	Si
167	4X/2Y ø8/18.3	-23210	2185	-237257	SLU 6	2.5	50214	2.16	-2302	0.0032	0.0289	SLU 1	2432941.4	2302	2302	1.02	Si
191	4X/2Y ø8/18.3	-23210	2185	-237017	SLU 6	2.5	50214	2.16	-2302	0.0032	0.0289	SLU 1	2432941.4	2302	2302	1.02	Si
216	4X/2Y ø8/18.3	-23210	2185	-236778	SLU 6	2.5	50214	2.16	-2302	0.0032	0.0289	SLU 1	2432941.4	2302	2302	1.02	Si
240	4X/2Y ø8/18.3	-23210	2185	-236539	SLU 6	2.5	50214	2.16	-2302	0.0032	0.0289	SLU 1	2432941.4	2302	2302	1.02	Si
265	4X/2Y ø8/18.3	-23210	2185	-236304	SLU 6	2.5	50214	2.16	-2302	0.0032	0.0289	SLU 1	2432941.4	2302	2302	1.02	Si

Verifica a taglio-torsione in famiglia SLV

Quota	Staffe	Ved,x	Ved,y	Ned	Comb.V	Cot	Vres	c.s.V	Mt	As,t	Al,t	Comb.Tor.	Trcd	Trsd	Trld	c.s.V-T	Ver.
-5	4X/2Y ø8/18.3	-34079	-11858	-104168	SLV 4	2.5	50148	1.47	-4123.8	0.0057	0.0517	SLV 1	2432941.4	4123.8	4123.8	1.02	Si
20	4X/2Y ø8/18.3	-34079	-11858	-103984	SLV 4	2.5	50148	1.47	-4123.8	0.0057	0.0517	SLV 1	2432941.4	4123.8	4123.8	1.02	Si
44	4X/2Y ø8/18.3	-34079	-11858	-103800	SLV 4	2.5	50148	1.47	-4123.8	0.0057	0.0517	SLV 1	2432941.4	4123.8	4123.8	1.02	Si
69	4X/2Y ø8/18.3	-34079	-11858	-103616	SLV 4	2.5	50148	1.47	-4123.8	0.0057	0.0517	SLV 1	2432941.4	4123.8	4123.8	1.02	Si
93	4X/2Y ø8/18.3	-34079	-11858	-103432	SLV 4	2.5	50148	1.47	-4123.8	0.0057	0.0517	SLV 1	2432941.4	4123.8	4123.8	1.02	Si
118	4X/2Y ø8/18.3	-34079	-11858	-103248	SLV 4	2.5	50148	1.47	-4123.8	0.0057	0.0517	SLV 1	2432941.4	4123.8	4123.8	1.02	Si
142	4X/2Y ø8/18.3	-34079	-11858	-103064	SLV 4	2.5	50148	1.47	-4123.8	0.0057	0.0517	SLV 1	2432941.4	4123.8	4123.8	1.02	Si
167	4X/2Y ø8/18.3	-34079	-11858	-102879	SLV 4	2.5	50148	1.47	-4123.8	0.0057	0.0517	SLV 1	2432941.4	4123.8	4123.8	1.02	Si
191	4X/2Y ø8/18.3	-34079	-11858	-102695	SLV 4	2.5	50148	1.47	-4123.8	0.0057	0.0517	SLV 1	2432941.4	4123.8	4123.8	1.02	Si
216	4X/2Y ø8/18.3	-34079	-11858	-102511	SLV 4	2.5	50148	1.47	-4123.8	0.0057	0.0517	SLV 1	2432941.4	4123.8	4123.8	1.02	Si
240	4X/2Y ø8/18.3	-34079	-11858	-102327	SLV 4	2.5	50148	1.47	-4123.8	0.0057	0.0517	SLV 1	2432941.4	4123.8	4123.8	1.02	Si
265	4X/2Y ø8/18.3	-34079	-11858	-102147	SLV 4	2.5	50148	1.47	-4123.8	0.0057	0.0517	SLV 1	2432941.4	4123.8	4123.8	1.02	Si

Verifica delle tensioni in combinazioni rara

Tensione limite del calcestruzzo 224.1 daN/cm²
Tensione limite dell'acciaio 3600 daN/cm²
Coefficiente di omogeneizzazione impiegato 15

Quota	Mx	My	N	Comb.	σc,max	Mx	My	N	Comb.	σf,max	Verifica
-5	-389453	3192216	-178285	SLE RA 1	-135.5	-389453	3192216	-178285	SLE RA 1	-1625.5	Si
20	-353661	2776989	-178101	SLE RA 1	-115.8	-353661	2776989	-178101	SLE RA 1	-1418	Si
44	-317869	2361762	-177917	SLE RA 1	-108.5	-317869	2361762	-177917	SLE RA 1	-1351.5	Si
69	-282078	1946536	-177733	SLE RA 1	-106.4	-282078	1946536	-177733	SLE RA 1	-1352.1	Si
93	-246286	1531309	-177549	SLE RA 1	-97.9	-246286	1531309	-177549	SLE RA 1	-1265.4	Si
118	-210494	1116083	-177364	SLE RA 1	-85.5	-210494	1116083	-177364	SLE RA 1	-1129.2	Si
142	-174702	700856	-177180	SLE RA 1	-73	-174702	700856	-177180	SLE RA 1	-992.9	Si
167	-138911	285629	-176996	SLE RA 1	-60.6	-138911	285629	-176996	SLE RA 1	-856.7	Si
191	-103119	-129597	-176812	SLE RA 1	-55.2	-103119	-129597	-176812	SLE RA 1	-797.6	Si
216	-67327	-544824	-176628	SLE RA 1	-65.2	-67327	-544824	-176628	SLE RA 1	-908.6	Si
240	-31536	-960050	-176444	SLE RA 1	-75.2	-31536	-960050	-176444	SLE RA 1	-1019.6	Si
265	3527	-1366819	-176264	SLE RA 1	-79.5	3527	-1366819	-176264	SLE RA 1	-1053.6	Si

Verifica delle tensioni sul calcestruzzo in combinazioni quasi permanenti

Tensione limite del calcestruzzo 168.1 daN/cm²
Coefficiente di omogeneizzazione impiegato 15

Quota	Mx	My	N	Comb.	σc,max	Verifica
-5	-342593	2659071	-163898	SLE QP 4	-115.2	Si
20	-312147	2311263	-163714	SLE QP 4	-99.1	Si
44	-281701	1963455	-163530	SLE QP 4	-92.4	Si
69	-251255	1615646	-163346	SLE QP 4	-93.1	Si
93	-220808	1267838	-163162	SLE QP 4	-86	Si
118	-190362	920030	-162977	SLE QP 4	-75.6	Si
142	-159916	572222	-162793	SLE QP 4	-65.2	Si
167	-129470	224414	-162609	SLE QP 4	-54.7	Si
191	-99023	-123394	-162425	SLE QP 4	-50.9	Si
216	-68577	-471203	-162241	SLE QP 4	-59.3	Si
240	-38131	-819011	-162057	SLE QP 4	-67.7	Si
265	-8305	-1159734	-161877	SLE QP 4	-70.3	Si

Verifica di apertura delle fessure nella famiglia di combinazioni frequente

Valore limite di controllo 0,400 mm
Coefficiente di viscosità Fi = 1.7
Coefficiente di omogeneizzazione impiegato 15

Quota	Mx	My	N	Comb.	Mx,sr	My,sr	N,sr	σs	Ac,eff	ρ,eff	Sm	Wk	Fessurata	Verifica
-5	-389453	3192216	-178285	SLE FR 1	-307948	2524146	2524146	514.1	270.5	0.1124	31.55	0.0047	Si	Si

Verifiche nodi trave colonna

Verifiche dei nodi trave pilastro non presenti in quanto la verifica è non necessaria per la pilastrata.

Verifica di instabilità

Q.inf.	Q.sup.	Quota	λ,x	λ,y	λ,limX	λ,limY	M 2° ord.	Nsd	Comb.	M0ed,x	M2,x	M0ed,y	M2,y	Mver,x	Mver,y	C.s x	C.s y	Risultato	(5.38)	(5.39)	Ver.
-80	270	191.4	48	40	41	31	Si	-237017	SLU 6	321374	1476241	1837513	1254584	-1797615	-3092097	2.31	1.95	Min	No	1.57	Si
-80	270	240.5	48	40	41	31	Si	-238868	SLU 8	322400	1595587	1802498	1216140	-1917987	-3018638	2.24		X	Si		Si
-80	270	191.4	48	40	41	31	Si	-237017	SLU 6	321374	1476241	1837513	1254584	-1797615	-3092097	2.31	1.95	Min	No	1.57	Si
-80	270	-5	48	40	41	31	Si	-238932	SLU 6	321374	1430273	1837513	1207317	-1751647	4390586		1.9	Y	Si		Si

Verifiche di gerarchia delle resistenze nei nodi trave pilastro

Verifiche di gerarchia delle resistenze nei nodi trave pilastro non presenti in quanto la verifica è non necessaria per la pilastrata.

6.2 Verifiche travate C.A.

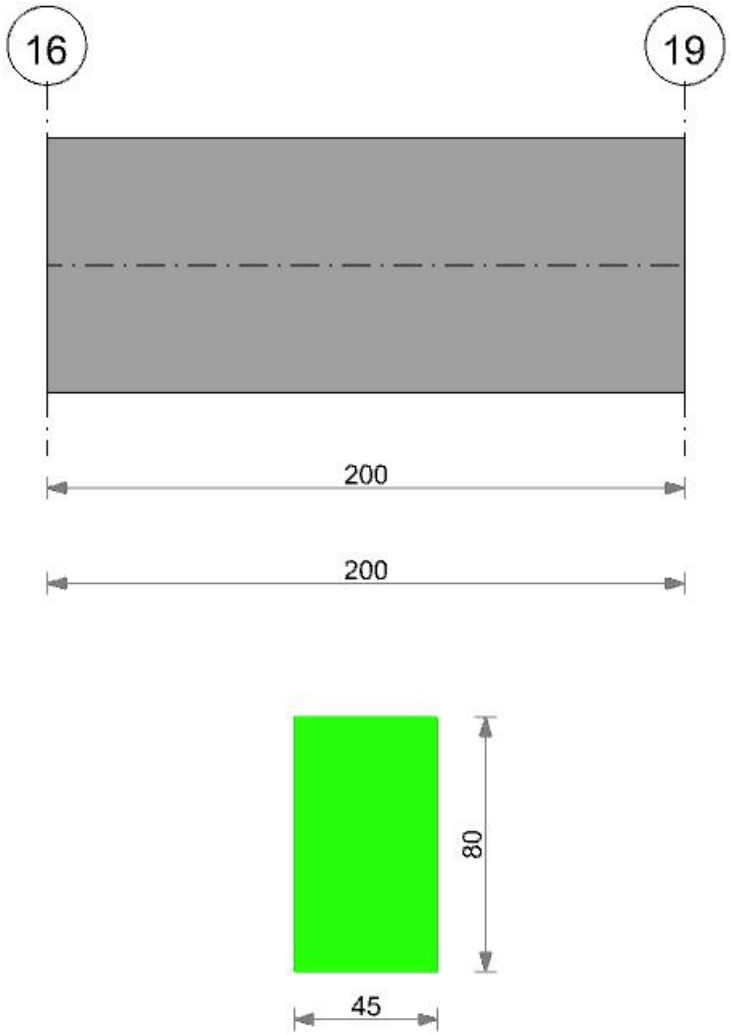
***N°**: indice progressivo della sezione*
***Descrizione**: descrizione della sezione*
***Tipo**: tipo di sezione*
***Base**: base della sezione [cm]*
***Altezza**: altezza della sezione [cm]*
***Copriferro sup.**: distanza del bordo della staffa dalla superficie superiore del getto [cm]*
***Copriferro inf.**: distanza del bordo della staffa dalla superficie inferiore del getto [cm]*
***Copriferro lat.**: distanza del bordo della staffa dalle superfici laterali del getto [cm]*
***x**: distanza da asse appoggio sinistro [cm]*
***A sup.**: area efficace di armatura longitudinale superiore [cm²]*
***C.b. sup.**: distanza dal bordo del baricentro dell'armatura longitudinale superiore [cm]*
***A inf.**: area efficace di armatura longitudinale inferiore [cm²]*
***C.b. inf.**: distanza dal bordo del baricentro dell'armatura longitudinale inferiore [cm]*
***M+ela**: momento flettente desunto dal solutore che tende le fibre inferiori [daN*cm]*
***Comb.**: combinazione*
***M+des**: momento flettente di progetto che tende le fibre inferiori [daN*cm]*
***M+ult**: momento ultimo per trazione delle fibre inferiori [daN*cm]*
***x/d**: rapporto tra posizione asse neutro e altezza utile*
***M-ela**: momento flettente desunto dal solutore che tende le fibre superiori [daN*cm]*
***M-des**: momento flettente di progetto che tende le fibre superiori [daN*cm]*
***M-ult**: momento ultimo per trazione delle fibre superiori [daN*cm]*
***Verifica**: stato di verifica*
***A st**: area di staffe per unità di lunghezza [cm²]*
***A sl**: area di armatura longitudinale tesa per valutazione resistenza taglio in assenza di armature a taglio [cm²]*
***A sag**: area equivalente di barre piegate per unità di lunghezza [cm²]*
***Vela**: taglio elastico [daN]*
***Vdes**: taglio di progetto [daN]*
***Vrd**: resistenza a taglio della sezione senza armature [daN]*
***Vrcd**: sforzo di taglio che produce il cedimento delle bielle [daN]*
***Vrsd**: resistenza a taglio per la presenza delle armature [daN]*
***Vult**: taglio ultimo [daN]*
***cotgθ**: cotg dell'angolo di inclinazione dei puntoni in calcestruzzo*
***Rara**: famiglia di combinazione di verifica*

***Mela**: momento elastico [daN*cm]*
***Mdes**: momento di progetto [daN*cm]*
***σ c**: tensione di compressione nel calcestruzzo [daN/cm²]*
***σ c lim.**: tensione limite di compressione nel calcestruzzo [daN/cm²]*
***σ f.**: tensione di trazione nell'acciaio [daN/cm²]*
***σ f lim.**: tensione limite di trazione nell'acciaio [daN/cm²]*
***Elastica+**: massima freccia a sezione interamente reagente di solo calcestruzzo [cm]*
***Elastica-**: minima freccia a sezione interamente reagente di solo calcestruzzo [cm]*
***Fess.+**: massima freccia a sezione fessurata ed omogeneizzata [cm]*
***Fess.-**: minima freccia a sezione fessurata ed omogeneizzata [cm]*
***Quasi permanente**: famiglia di combinazione di verifica*
***σ FRP**: tensione di trazione nell'FRP [daN/cm²]*
***σ FRP lim.**: tensione limite di trazione nell'FRP [daN/cm²]*
***Fess. viscosa+**: massima freccia a sezione fessurata ed omogeneizzata a viscosità esaurita [cm]*
***Fess. viscosa-**: minima freccia a sezione fessurata ed omogeneizzata a viscosità esaurita [cm]*
***l/f**: rapporto luce su freccia in combinazione quasi permanente*
***Frequente**: famiglia di combinazione di verifica*

Le unità di misura delle verifiche elencate nel capitolo sono in [cm, daN] ove non espressamente specificato.

Trave a "Pianerottolo accesso vasche" 16-19

Geometria



Caratteristiche dei materiali

Acciaio: B450C_1 Fyk 4500
Calcestruzzo: C35/45_1 Rck 450

Elenco delle sezioni

N°	Descrizione	Tipo	Base	Altezza	Copriferro sup.	Copriferro inf.	Copriferro lat.
1	R 45x80	Rettangolare	45	80	6	6	6

Diagramma verifica stato limite ultimo flessione

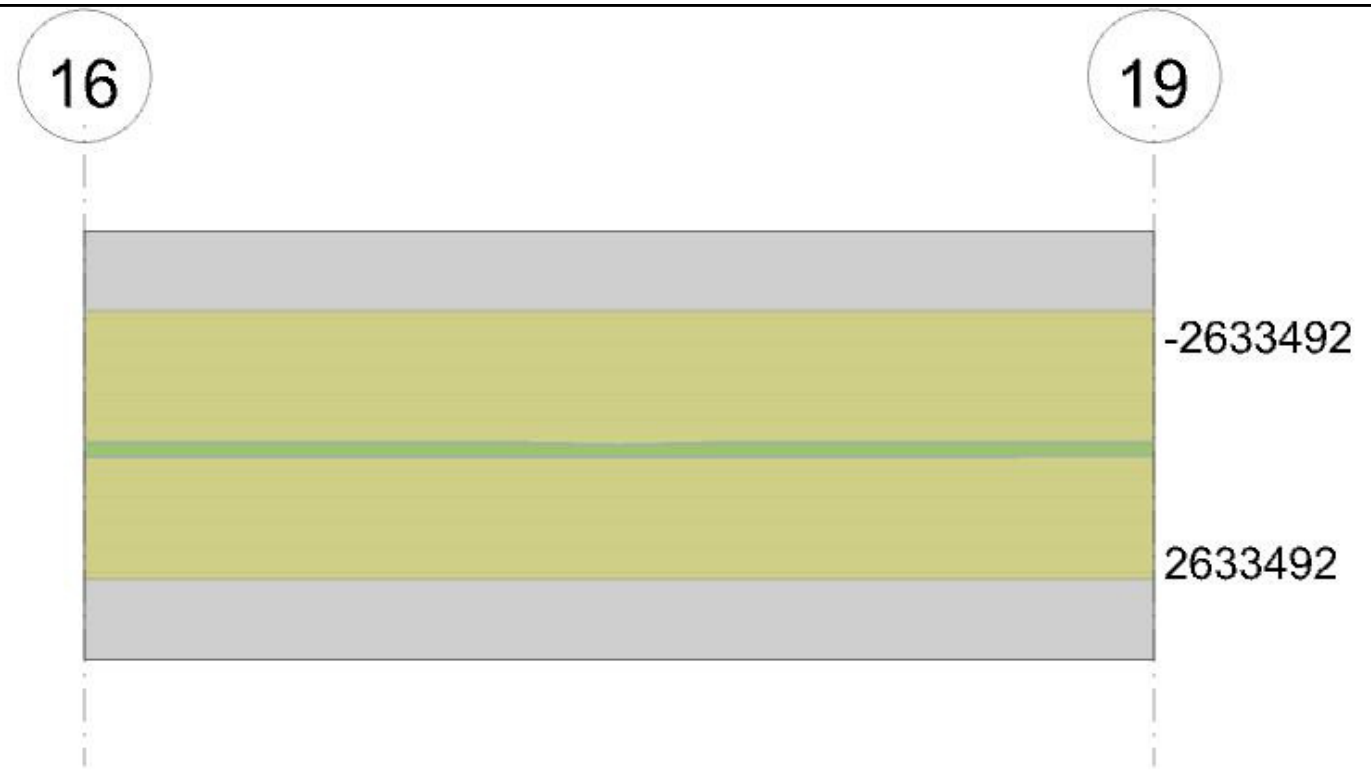
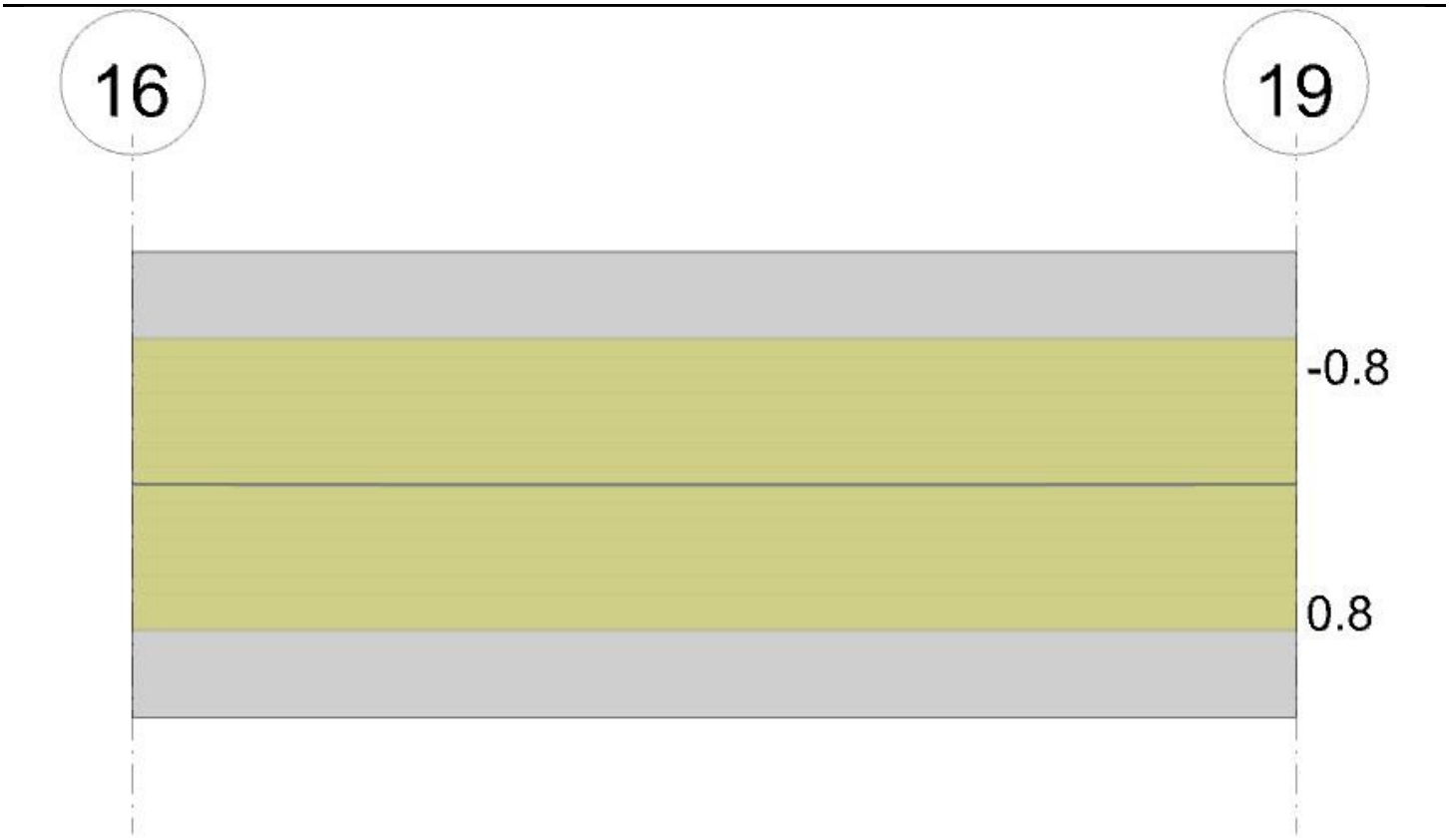


Diagramma verifica stato limite ultimo taglio

Diagramma verifica stato limite esercizio quasi permanente freccia



Output campate

Campata 1 tra i fili 16 - 19, sezione R 45x80, aste 11, 12, 13

Verifiche a flessione in famiglia SLU

x	A sup.	C.b. sup.	A inf.	C.b. inf.	M+ela	Comb.	M+des	M+ult	x/d	M-ela	Comb.	M-des	M-ult	x/d	Verifica
0	9.42	7.8	9.42	7.8	108993	SLU 8	217611	2633492	0.091						Si
53	9.42	7.8	9.42	7.8	171784	SLU 8	217611	2633492	0.091						Si
100	9.42	7.8	9.42	7.8	212886	SLU 8	217611	2633492	0.091						Si
153	9.42	7.8	9.42	7.8	164862	SLU 6	217611	2633492	0.091						Si
200	9.42	7.8	9.42	7.8	88848	SLU 6	205369	2633492	0.091						Si

Verifiche a flessione in famiglia SLV

x	A sup.	C.b. sup.	A inf.	C.b. inf.	M+ela	Comb.	M+des	M+ult	x/d	M-ela	Comb.	M-des	M-ult	x/d	Verifica
0	9.42	7.8	9.42	7.8	193312	SLV 14	199950	2633492	0.091	-47323	SLV 3	-47323	-2633492	0.091	Si
53	9.42	7.8	9.42	7.8	156970	SLV 14	199950	2633492	0.091	81335	SLV 3	-47323	-2633492	0.091	Si
100	9.42	7.8	9.42	7.8	151046	SLV 10	199950	2633492	0.091	145012	SLV 7	-2464	-2633492	0.091	Si
153	9.42	7.8	9.42	7.8	167750	SLV 1	199950	2633492	0.091	61748	SLV 16	-49617	-2633492	0.091	Si
200	9.42	7.8	9.42	7.8	171504	SLV 1	197905	2633492	0.091	-49617	SLV 16	-49617	-2633492	0.091	Si

Verifiche a taglio in famiglia SLU

x	A st	A sl	A sag	Vela	Comb.	Vdes	Vrd	Vrcd	Vrsd	Vult	cotgθ	Verifica
0	0.07	9.42	0	1528	SLU 5	1528	13168	106704	44733	44733	2.5	Si
53	0.07	9.42	0	904	SLU 5	904	13168	106704	44733	44733	2.5	Si
100	0.07	9.42	0	-333	SLU 8	-333	-13168	-106704	-44733	-44733	2.5	Si
153	0.07	9.42	0	-1386	SLU 8	-1386	-13168	-106704	-44733	-44733	2.5	Si
200	0.07	9.42	0	-1932	SLU 8	-1932	-13168	-106704	-44733	-44733	2.5	Si

Verifiche a taglio in famiglia SLV

x	A st	A sl	A sag	Vela	Comb.	Vdes	Vrd	Vrcd	Vrsd	Vult	cotgθ	Verifica
0	0.07	9.42	0	2654	SLV 1	2654	13168	106704	44733	44733	2.5	Si
0	0.07	9.42	0	-443	SLV 16	-443	-13168	-106704	-44733	-44733	2.5	Si
53	0.07	9.42	0	2174	SLV 1	2174	13168	106704	44733	44733	2.5	Si
53	0.07	9.42	0	-923	SLV 16	-923	-13168	-106704	-44733	-44733	2.5	Si
100	0.07	9.42	0	1655	SLV 1	1655	13168	106704	44733	44733	2.5	Si
100	0.07	9.42	0	-2048	SLV 16	-2048	-13168	-106704	-44733	-44733	2.5	Si
153	0.07	9.42	0	293	SLV 3	293	13168	106704	44733	44733	2.5	Si
153	0.07	9.42	0	-2179	SLV 14	-2179	-13168	-106704	-44733	-44733	2.5	Si
200	0.07	9.42	0	-2599	SLV 14	-2599	-13168	-106704	-44733	-44733	2.5	Si

Verifiche delle tensioni in esercizio

x	Rara							Quasi permanente							Verifica
	Mela	Comb.	Mdes	σ c	σ c lim.	σ f.	σ f lim.	Mela	Comb.	Mdes	σ c	σ c lim.	σ FRP	σ FRP lim.	
0	78930	1	160454	5.3	224.1	257.3	3600	72994	4	150158	4.9	168.1	0	+∞	Si
53	126946	1	160454	5.3	224.1	257.3	3600	119153	4	150158	4.9	168.1	0	+∞	Si
100	157757	1	160454	5.3	224.1	257.3	3600	148029	4	150158	4.9	168.1	0	+∞	Si
153	121962	1	160454	5.3	224.1	257.3	3600	114749	4	150158	4.9	168.1	0	+∞	Si
200	64983	1	151988	5	224.1	243.7	3600	60943	4	142725	4.7	168.1	0	+∞	Si

Verifica di apertura delle fessure

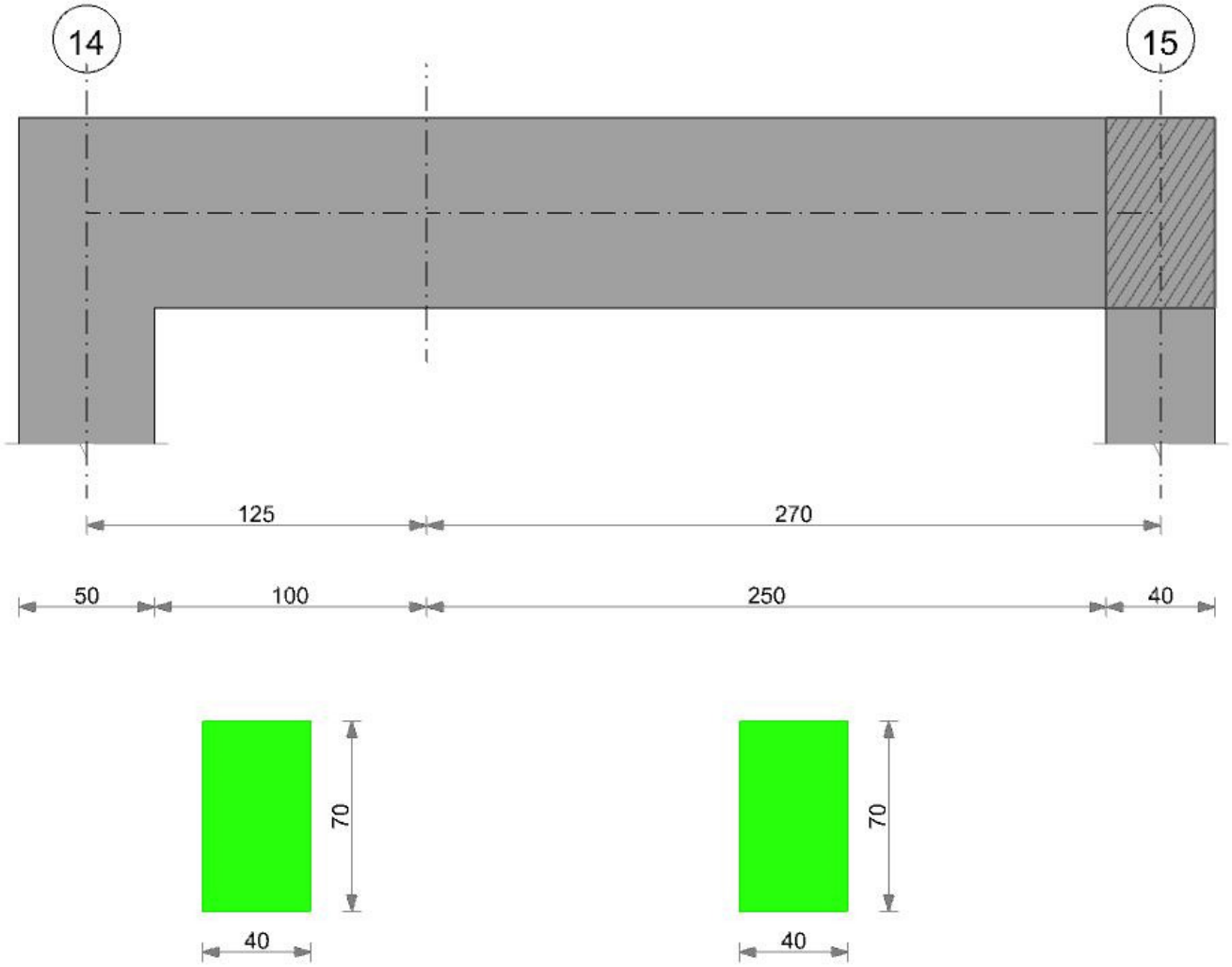
La campata non presenta apertura delle fessure

Verifica di deformabilità

x	Rara				Frequente				Quasi permanente							Verifica
	Elastica+	Elastica-	Fess.+	Fess.-	Elastica+	Elastica-	Fess.+	Fess.-	Elastica+	Elastica-	Fess. viscosa+	Comb.	Fess. viscosa-	Comb.	l/f	
53	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	4	0.002	4	9999	Si
100	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	4	0.002	4	9999	Si
153	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	4	0.002	4	9999	Si

Trave a "Pianerottolo ingresso" 14-15

Geometria



Caratteristiche dei materiali

Acciaio: B450C_1 Fyk 4500
Calcestruzzo: C35/45_1 Rck 450

Elenco delle sezioni

N°	Descrizione	Tipo	Base	Altezza	Copriferro sup.	Copriferro inf.	Copriferro lat.
1	R 40x70	Rettangolare	40	70	6	6	6

Diagramma verifica stato limite ultimo flessione

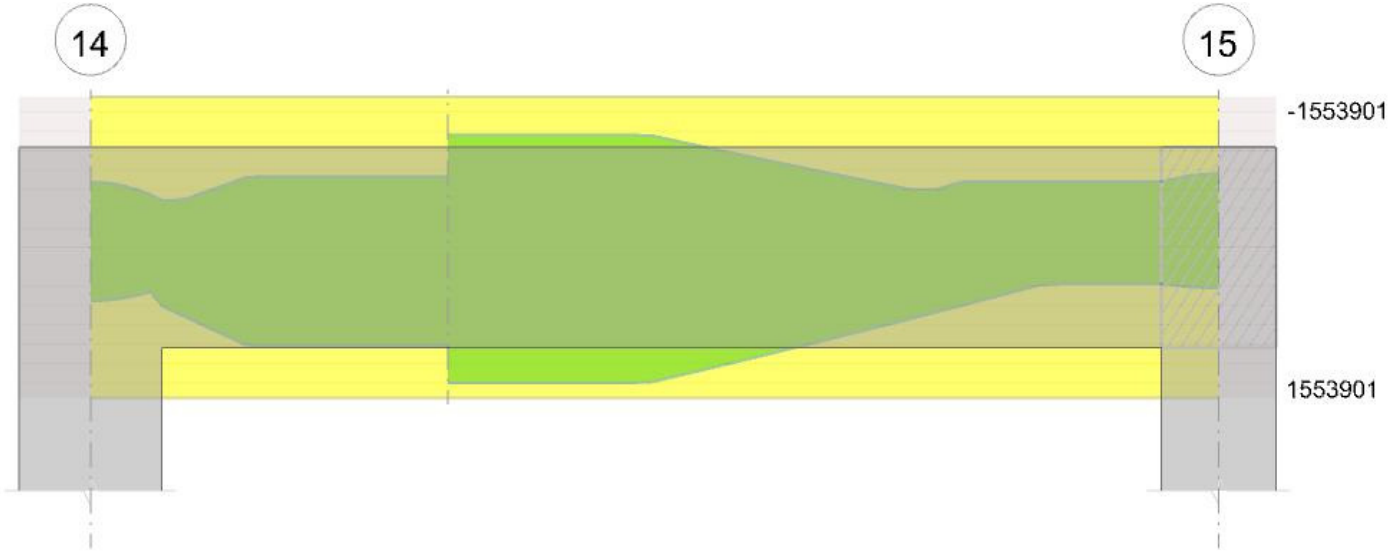


Diagramma verifica stato limite ultimo taglio

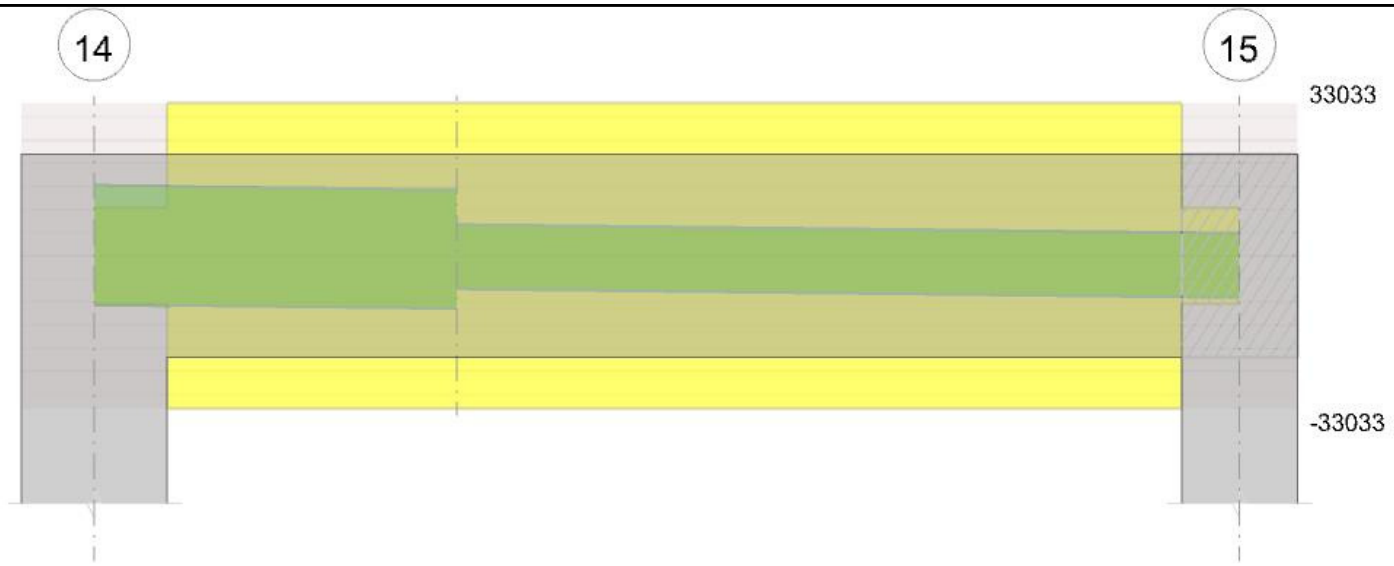
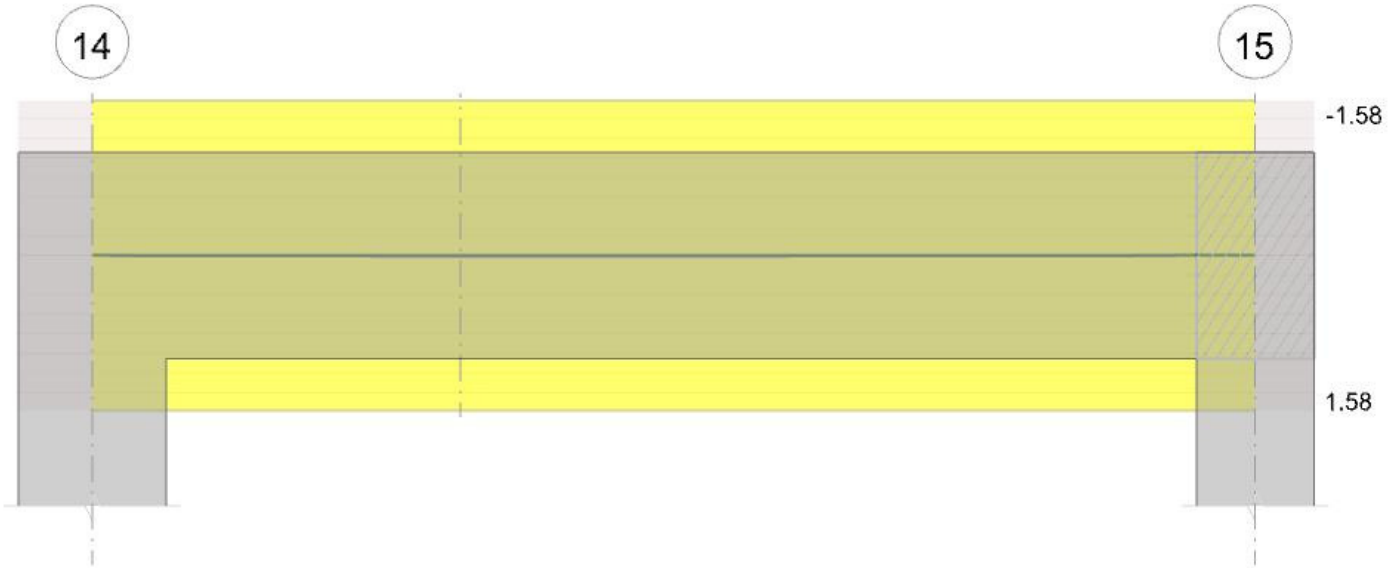


Diagramma verifica stato limite esercizio quasi permanente freccia



Output campate

Campata 1 tra i fili 14 - , sezione R 40x70, aste 8, 9

Verifiche a flessione in famiglia SLU

x	A sup.	C.b. sup.	A inf.	C.b. inf.	M+ela	Comb.	M+des	M+ult	x/d	M-ela	Comb.	M-des	M-ult	x/d	Verifica
0	6.28	7.8	6.28	7.8						-213443	SLU 8	-166993	-1553901	0.094	Si
25	6.28	7.8	6.28	7.8	-113001	SLU 2	100630	1553901	0.094	-124705	SLU 7	-124705	-1553901	0.094	Si
29	6.28	7.8	6.28	7.8	-101504	SLU 2	112558	1553901	0.094	-110785	SLU 7	-124705	-1553901	0.094	Si
58	6.28	7.8	6.28	7.8	-11105	SLU 8	183108	1553901	0.094	-31060	SLU 1	-124705	-1553901	0.094	Si
62	6.28	7.8	6.28	7.8	2208	SLU 8	183108	1553901	0.094	-21207	SLU 1	-124705	-1553901	0.094	Si
96	6.28	7.8	6.28	7.8	103106	SLU 8	183108	1553901	0.094	53297	SLU 1	-121844	-1553901	0.094	Si
125	6.28	7.8	6.28	7.8	183108	SLU 8	183108	1553901	0.094	112115	SLU 1	-39503	-1553901	0.094	Si

Verifiche a flessione in famiglia SLV

x	A sup.	C.b. sup.	A inf.	C.b. inf.	M+ela	Comb.	M+des	M+ult	x/d	M-ela	Comb.	M-des	M-ult	x/d	Verifica
0	6.28	7.8	6.28	7.8	672873	SLV 1	554147	1553901	0.094	-852213	SLV 16	-676134	-1553901	0.094	Si
25	6.28	7.8	6.28	7.8	418326	SLV 1	607692	1553901	0.094	-487335	SLV 16	-487335	-1553901	0.094	Si
29	6.28	7.8	6.28	7.8	374864	SLV 1	664894	1553901	0.094	-426181	SLV 16	-487335	-1553901	0.094	Si
58	6.28	7.8	6.28	7.8	137698	SLV 7	1017912	1553901	0.094	-71913	SLV 10	-729218	-1553901	0.094	Si
62	6.28	7.8	6.28	7.8	171906	SLV 7	1017912	1553901	0.094	-90381	SLV 10	-729218	-1553901	0.094	Si
96	6.28	7.8	6.28	7.8	619460	SLV 11	1017912	1553901	0.094	-420647	SLV 6	-729218	-1553901	0.094	Si
125	6.28	7.8	6.28	7.8	1017912	SLV 11	1017912	1553901	0.094	-729218	SLV 6	-729218	-1553901	0.094	Si

Verifiche a taglio in famiglia SLU

x	A st	A sl	A sag	Vela	Comb.	Vdes	Vrd	Vrcd	Vrsd	Vult	cotgθ	Verifica
0	0	6.28	0	3716	SLU 8	3716	10440	81711	0	10440	2.5	Si
25	0.06	6.28	0	3489	SLU 8	3489	10440	81711	33033	33033	2.5	Si
29	0.06	6.28	0	3482	SLU 8	3482	10440	81711	33033	33033	2.5	Si
62	0.06	6.28	0	3179	SLU 8	3179	10440	81711	33033	33033	2.5	Si
96	0.06	6.28	0	2875	SLU 8	2875	10440	81711	33033	33033	2.5	Si
125	0.06	6.28	0	2610	SLU 8	2610	10440	81711	33033	33033	2.5	Si

Verifiche a taglio in famiglia SLV

x	A st	A sl	A sag	Vela	Comb.	Vdes	Vrd	Vrcd	Vrsd	Vult	cotgθ	Verifica
0	0	6.28	0	15279	SLV 16	15279	10440	81711	0	10440	2.5	Si
0	0	6.28	0	-10691	SLV 1	-10691	-10440	-81711	0	-10440	2.5	Si
25	0.06	6.28	0	15104	SLV 16	15104	10440	81711	33033	33033	2.5	Si
25	0.06	6.28	0	-10866	SLV 1	-10866	-10440	-81711	-33033	-33033	2.5	Si
29	0.06	6.28	0	14961	SLV 16	14961	10440	81711	33033	33033	2.5	Si
29	0.06	6.28	0	-10743	SLV 1	-10743	-10440	-81711	-33033	-33033	2.5	Si
62	0.06	6.28	0	14728	SLV 16	14728	10440	81711	33033	33033	2.5	Si
62	0.06	6.28	0	-10976	SLV 1	-10976	-10440	-81711	-33033	-33033	2.5	Si
96	0.06	6.28	0	14495	SLV 16	14495	10440	81711	33033	33033	2.5	Si
96	0.06	6.28	0	-11209	SLV 1	-11209	-10440	-81711	-33033	-33033	2.5	Si

x	A st	A sl	A sag	Vela	Comb.	Vdes	Vrd	Vrcd	Vrsd	Vult	cotgθ	Verifica
125	0.06	6.28	0	14291	SLV 16	14291	10440	81711	33033	33033	2.5	Si
125	0.06	6.28	0	-11413	SLV 1	-11413	-10440	-81711	-33033	-33033	2.5	Si

Verifiche delle tensioni in esercizio

x	Rara							Quasi permanente							Verifica
	Mela	Comb.	Mdes	σ c	σ c lim.	σ f.	σ f lim.	Mela	Comb.	Mdes	σ c	σ c lim.	σ FRP	σ FRP lim.	
0	-140600	1	-108054	5.9	224.1	301.1	3600	-89670	4	-60993	3.3	168.1	0	+∞	Si
25								7595	1	123028	6.7	168.1	0	+∞	Si
25	-77695	1	-77695	4.2	224.1	216.5	3600	-34504	4	-34504	1.9	168.1	0	+∞	Si
29								15425	1	128817	7	168.1	0	+∞	Si
29	-67538	1	-77695	4.2	224.1	216.5	3600	-25659	4	-34504	1.9	168.1	0	+∞	Si
62	9360	1	132589	7.2	224.1	369.5	3600	73719	1	162067	8.8	168.1	0	+∞	Si
96	78481	1	132589	7.2	224.1	369.5	3600	124237	1	162067	8.8	168.1	0	+∞	Si
125	132589	1	132589	7.2	224.1	369.5	3600	162067	1	162067	8.8	168.1	0	+∞	Si

Verifica di apertura delle fessure

La campata non presenta apertura delle fessure

Verifica di deformabilità

x	Rara				Frequente				Quasi permanente							Verifica
	Elastica+	Elastica-	Fess.+	Fess.-	Elastica+	Elastica-	Fess.+	Fess.-	Elastica+	Elastica-	Fess. viscosa+	Comb.	Fess. viscosa-	Comb.	l/f	
25	0	0	0	0	0	0	0	0	0.001	0.001	0.002	1	0.002	1	9999	Si
29	0.001	0.001	0	0	0.001	0.001	0	0	0.001	0.001	0.003	1	0.002	1	9999	Si
62	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.003	0.002	0.006	1	0.004	1	9999	Si
96	0.002	0.002	0.001	0.001	0.002	0.002	0.001	0.001	0.004	0.003	0.008	1	0.006	1	9999	Si
125	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.004	0.003	0.01	1	0.007	1	9999	Si

Campata 2 tra i fili - 15, sezione R 40x70, asta 10

Verifiche a flessione in famiglia SLU

x	A sup.	C.b. sup.	A inf.	C.b. inf.	M+ela	Comb.	M+des	M+ult	x/d	M-ela	Comb.	M-des	M-ult	x/d	Verifica
0	6.28	7.8	6.28	7.8	132857	SLU 8	132857	1553901	0.094						Si
72	6.28	7.8	6.28	7.8	82999	SLU 8	132035	1553901	0.094	28968	SLU 1	-30160	-1553901	0.094	Si
135	6.28	7.8	6.28	7.8	674	SLU 8	89827	1553901	0.094	-22685	SLU 1	-133166	-1553901	0.094	Si
198	6.28	7.8	6.28	7.8	-101975	SLU 3	11501	1553901	0.094	-117915	SLU 6	-242805	-1553901	0.094	Si
250	6.28	7.8	6.28	7.8						-242805	SLU 8	-242805	-1553901	0.094	Si
270	6.28	7.8	6.28	7.8						-297360	SLU 8	-269204	-1553901	0.094	Si

Verifiche a flessione in famiglia SLV

x	A sup.	C.b. sup.	A inf.	C.b. inf.	M+ela	Comb.	M+des	M+ult	x/d	M-ela	Comb.	M-des	M-ult	x/d	Verifica
0	6.28	7.8	6.28	7.8	1402601	SLV 15	1402601	1553901	0.094	-1165083	SLV 2	-1165083	-1553901	0.094	Si
72	6.28	7.8	6.28	7.8	887911	SLV 15	1388567	1553901	0.094	-716386	SLV 2	-1152012	-1553901	0.094	Si
135	6.28	7.8	6.28	7.8	407875	SLV 15	939302	1553901	0.094	-353629	SLV 2	-758309	-1553901	0.094	Si
198	6.28	7.8	6.28	7.8	111102	SLV 10	462324	1553901	0.094	-229703	SLV 7	-676597	-1553901	0.094	Si
250	6.28	7.8	6.28	7.8	373370	SLV 6	373370	1553901	0.094	-676597	SLV 11	-676597	-1553901	0.094	Si
270	6.28	7.8	6.28	7.8	472061	SLV 6	423419	1553901	0.094	-856242	SLV 11	-765772	-1553901	0.094	Si

Verifiche a taglio in famiglia SLU

x	A st	A sl	A sag	Vela	Comb.	Vdes	Vrd	Vrcd	Vrsd	Vult	cotgθ	Verifica
0	0.06	6.28	0	-365	SLU 8	-365	-10440	-81711	-33033	-33033	2.5	Si
72	0.06	6.28	0	-1020	SLU 8	-1020	-10440	-81711	-33032	-33032	2.5	Si
135	0.06	6.28	0	-1593	SLU 8	-1593	-10440	-81711	-33032	-33032	2.5	Si
198	0.06	6.28	0	-2167	SLU 8	-2167	-10440	-81711	-33032	-33032	2.5	Si
250	0.06	6.28	0	-2640	SLU 8	-2640	-10440	-81711	-33032	-33032	2.5	Si
270	0	6.28	0	-2822	SLU 8	-2822	-10440	-81711	0	-10440	2.5	Si

Verifiche a taglio in famiglia SLV

x	A st	A sl	A sag	Vela	Comb.	Vdes	Vrd	Vrcd	Vrsd	Vult	cotgθ	Verifica
0	0.06	6.28	0	6755	SLV 6	6755	10440	81711	33033	33033	2.5	Si
0	0.06	6.28	0	-7167	SLV 11	-7167	-10440	-81711	-33033	-33033	2.5	Si
72	0.06	6.28	0	6251	SLV 6	6251	10440	81711	33032	33032	2.5	Si
72	0.06	6.28	0	-7671	SLV 11	-7671	-10440	-81711	-33032	-33032	2.5	Si
135	0.06	6.28	0	5810	SLV 6	5810	10440	81711	33032	33032	2.5	Si
135	0.06	6.28	0	-8112	SLV 11	-8112	-10440	-81711	-33032	-33032	2.5	Si
198	0.06	6.28	0	5369	SLV 6	5369	10440	81711	33032	33032	2.5	Si
198	0.06	6.28	0	-8553	SLV 11	-8553	-10440	-81711	-33032	-33032	2.5	Si
250	0.06	6.28	0	5005	SLV 6	5005	10440	81711	33032	33032	2.5	Si
250	0.06	6.28	0	-8917	SLV 11	-8917	-10440	-81711	-33032	-33032	2.5	Si
270	0	6.28	0	4865	SLV 6	4865	10440	81711	0	10440	2.5	Si
270	0	6.28	0	-9057	SLV 11	-9057	-10440	-81711	0	-10440	2.5	Si

Verifiche delle tensioni in esercizio

x	Rara							Quasi permanente							Verifica
	Mela	Comb.	Mdes	σ c	σ c lim.	σ f.	σ f lim.	Mela	Comb.	Mdes	σ c	σ c lim.	σ FRP	σ FRP lim.	
0	92658	1	92658	5	224.1	258.2	3600	146112	1	146112	7.9	168.1	0	+∞	Si
72	60566	1	92202	5	224.1	256.9	3600	107444	1	145471	7.9	168.1	0	+∞	Si
135	2718	1	65213	3.5	224.1	181.7	3600	43842	1	112728	6.1	168.1	0	+∞	Si
198	-82915	1	-174575	9.5	224.1	486.5	3600	-59300	4	-155251	8.4	168.1	0	+∞	Si
250	-174575	1	-174575	9.5	224.1	486.5	3600	-155251	3	-155251	8.4	168.1	0	+∞	Si
270	-214801	1	-194012	10.5	224.1	540.7	3600	-197176	3	-175538	9.5	168.1	0	+∞	Si

Verifica di apertura delle fessure

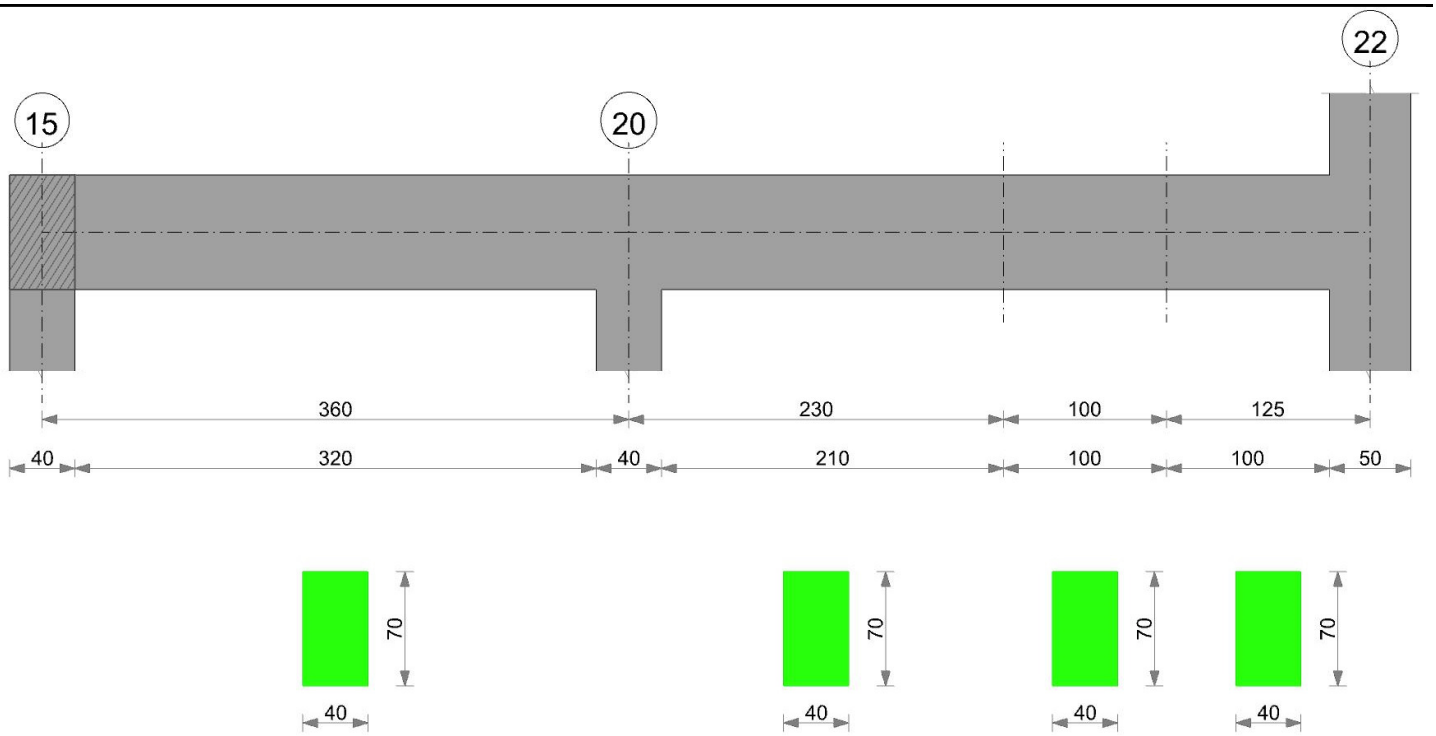
La campata non presenta apertura delle fessure

Verifica di deformabilità

x	Rara				Frequente				Quasi permanente							Verifica
	Elastica+	Elastica-	Fess.+	Fess.-	Elastica+	Elastica-	Fess.+	Fess.-	Elastica+	Elastica-	Fess. viscosa+	Comb.	Fess. viscosa-	Comb.	l/f	
0	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.004	0.003	0.01	1	0.007	1	9999	Si
36	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.005	0.004	0.01	1	0.007	1	9999	Si
72	0.002	0.002	0.001	0.001	0.002	0.002	0.001	0.001	0.004	0.003	0.01	1	0.007	1	9999	Si
135	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.003	0.002	0.007	1	0.005	1	9999	Si
198	0	0	0	0	0	0	0	0	0.001	0.001	0.003	1	0.001	1	9999	Si
250	0	0	0	0	0	0	0	0	0	0	0	1	0	1	9999	Si

Trave a "Pianerottolo ingresso" 15-20-22

Geometria



Caratteristiche dei materiali

Acciaio: B450C_1 Fyk 4500
Calcestruzzo: C35/45_1 Rck 450

Elenco delle sezioni

N°	Descrizione	Tipo	Base	Altezza	Copriferro sup.	Copriferro inf.	Copriferro lat.
1	R 40x70	Rettangolare	40	70	6	6	6

Diagramma verifica stato limite ultimo flessione

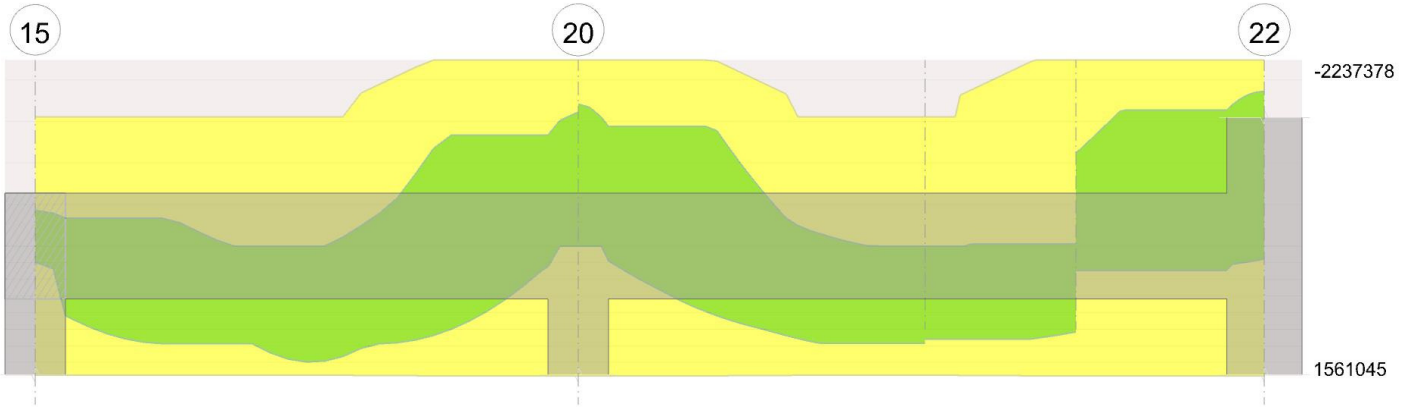


Diagramma verifica stato limite ultimo taglio

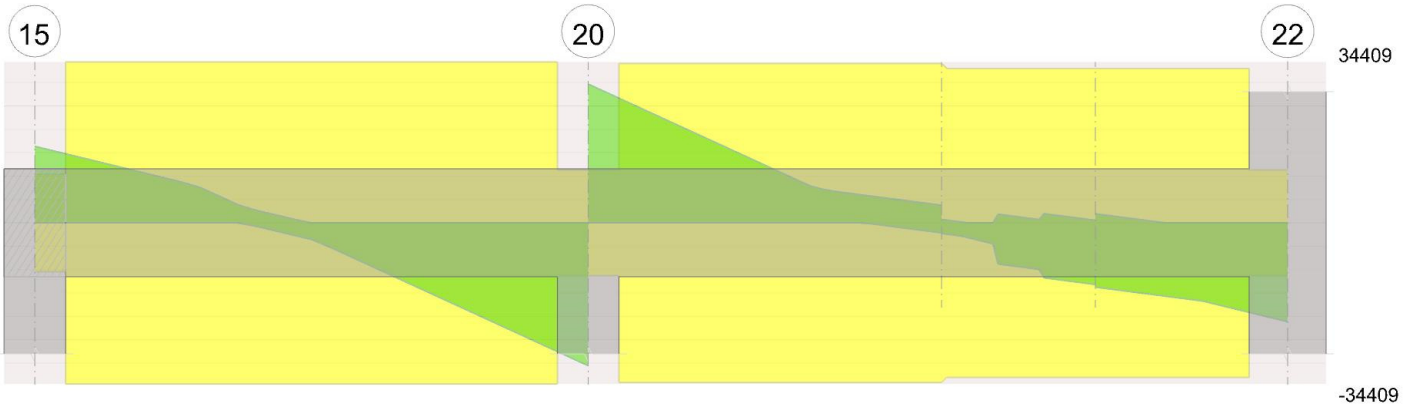
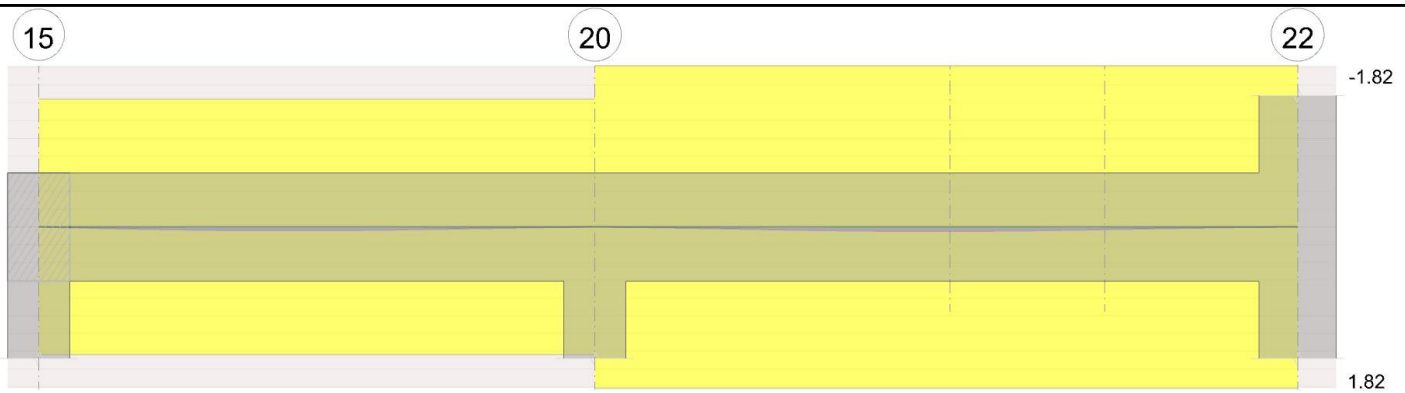


Diagramma verifica stato limite esercizio quasi permanente freccia



Output campate

Campata 1 tra i fili 15 - 20, sezione R 40x70, asta 2

Verifiche a flessione in famiglia SLU

x	A sup.	C.b. sup.	A inf.	C.b. inf.	M+ela	Comb.	M+des	M+ult	x/d	M-ela	Comb.	M-des	M-ult	x/d	Verifica
0	6.28	7.8	6.28	7.8						-316754	SLU 5	-154216	-1553901	0.094	Si
20	6.28	7.8	6.28	7.8	7254	SLU 4	838509	1553901	0.094	-6399	SLU 5	-6399	-1553901	0.094	Si
84	6.28	7.8	6.28	7.8	783909	SLU 8	1174508	1553901	0.094	740887	SLU 1	-6399	-1553901	0.094	Si
180	6.28	7.8	6.28	7.8	1139173	SLU 8	1394120	1553901	0.094						Si
264	9.42	7.8	6.28	7.8	324641	SLU 7	1075687	1561045	0.1	321691	SLU 2	-1171624	-2237378	0.107	Si
340	9.42	7.8	6.28	7.8	-1238678	SLU 1	227989	1561045	0.1	-1335612	SLU 8	-1335612	-2237378	0.107	Si
360	9.42	7.8	6.28	7.8						-1913873	SLU 8	-1610859	-2237378	0.107	Si

Verifiche a flessione in famiglia SLV

x	A sup.	C.b. sup.	A inf.	C.b. inf.	M+ela	Comb.	M+des	M+ult	x/d	M-ela	Comb.	M-des	M-ult	x/d	Verifica
0	6.28	7.8	6.28	7.8	194526	SLV 16	194526	1553901	0.094	-529470	SLV 1	-428247	-1553901	0.094	Si
20	6.28	7.8	6.28	7.8	321442	SLV 16	634085	1553901	0.094	-334705	SLV 1	-334705	-1553901	0.094	Si
84	6.28	7.8	6.28	7.8	616257	SLV 16	709999	1553901	0.094	176826	SLV 1	-334705	-1553901	0.094	Si
180	6.28	7.8	6.28	7.8	640464	SLV 14	709999	1553901	0.094						Si
264	9.42	7.8	6.28	7.8	292241	SLV 5	591277	1561045	0.1	-2672	SLV 12	-894725	-2237378	0.107	Si
340	9.42	7.8	6.28	7.8	-449227	SLV 5	248928	1561045	0.1	-989194	SLV 12	-989194	-2237378	0.107	Si
360	9.42	7.8	6.28	7.8						-1319643	SLV 12	-1149549	-2237378	0.107	Si

Verifiche a taglio in famiglia SLU

x	A st	A sl	A sag	Vela	Comb.	Vdes	Vrd	Vrcd	Vrsd	Vult	cotgθ	Verifica
0	0	6.28	0	16382	SLU 5	16382	10440	81711	0	10440	2.5	Si
20	0.063	6.28	0	14782	SLU 5	14782	10440	81711	34409	34409	2.5	Si
84	0.063	6.28	0	9662	SLU 5	9662	10440	81711	34409	34409	2.5	Si
180	0.063	6.28	0	-3380	SLU 8	-3380	-10440	-81711	-34409	-34409	2.5	Si
264	0.063	6.28	0	-16056	SLU 8	-16056	-10440	-81711	-34409	-34409	2.5	Si
340	0.063	9.42	0	-27525	SLU 8	-27525	-11316	-81711	-34409	-34409	2.5	Si
360	0	9.42	0	-30543	SLU 8	-30543	-11316	-81711	0	-11316	2.5	Si

Verifiche a taglio in famiglia SLV

x	A st	A sl	A sag	Vela	Comb.	Vdes	Vrd	Vrcd	Vrsd	Vult	cotgθ	Verifica
0	0	6.28	0	10217	SLV 5	10217	10440	81711	0	10440	2.5	Si
20	0.063	6.28	0	9366	SLV 5	9366	10440	81711	34409	34409	2.5	Si
84	0.063	6.28	0	6643	SLV 5	6643	10440	81711	34409	34409	2.5	Si
180	0.063	6.28	0	-3540	SLV 12	-3540	-10440	-81711	-34409	-34409	2.5	Si
264	0.063	6.28	0	-10100	SLV 12	-10100	-10440	-81711	-34409	-34409	2.5	Si
340	0.063	9.42	0	-16036	SLV 12	-16036	-11316	-81711	-34409	-34409	2.5	Si
360	0	9.42	0	-17598	SLV 12	-17598	-11316	-81711	0	-11316	2.5	Si

Verifiche delle tensioni in esercizio

x	Rara							Quasi permanente							Verifica
	Mela	Comb.	Mdes	σ c	σ c lim.	σ f.	σ f lim.	Mela	Comb.	Mdes	σ c	σ c lim.	σ FRP	σ FRP lim.	
0	-212467	1	-102894	5.6	224.1	286.7	3600	-167744	2	-83267	4.5	168.1	0	+∞	Si
20	-3331	1	-3331	0.2	224.1	9.3	3600	-14523	3	-14523	0.8	168.1	0	+∞	Si
84	523331	1	785339	42.6	224.1	2188.5	3600	397465	2	595656	32.3	168.1	0	+∞	Si
180	760914	1	786860	42.7	224.1	2192.8	3600	575801	2	596736	32.4	168.1	0	+∞	Si
264	208336	1	717578	37.6	224.1	2001.8	3600	148269	2	541954	28.4	168.1	0	+∞	Si
340	-912188	1	-912188	42.1	224.1	1718	3600	-719210	4	-719210	33.2	168.1	0	+∞	Si
360	-1302733	1	-1098095	50.7	224.1	2068.1	3600	-1019975	4	-862407	39.8	168.1	0	+∞	Si

Verifica di apertura delle fessure

La campata non presenta apertura delle fessure

Verifica di deformabilità

x	Rara				Frequente				Quasi permanente							Verifica
	Elastica+	Elastica-	Fess.+	Fess.-	Elastica+	Elastica-	Fess.+	Fess.-	Elastica+	Elastica-	Fess. viscosa+	Comb.	Fess. viscosa-	Comb.	l/f	
20	0.004	0.004	0.003	0.003	0.004	0.004	0.003	0.003	0.003	0.001	0.007	2	0.002	2	9999	Si
84	0.017	0.017	0.014	0.014	0.017	0.017	0.014	0.014	0.013	0.004	0.029	2	0.009	2	9999	Si
168	0.024	0.024	0.019	0.019	0.024	0.024	0.019	0.019	0.018	0.006	0.04	2	0.012	2	8975	Si
180	0.024	0.024	0.019	0.019	0.024	0.024	0.019	0.019	0.018	0.005	0.04	2	0.011	2	9099	Si
264	0.015	0.015	0.011	0.011	0.015	0.015	0.011	0.011	0.011	0.003	0.023	2	0.005	2	9999	Si
340	0.002	0.002	0.001	0.001	0.002	0.002	0.001	0.001	0.001	0	0.002	2	0	2	9999	Si

Campata 2 tra i fili 20 - , sezione R 40x70, asta 3

Verifiche a flessione in famiglia SLU

x	A sup.	C.b. sup.	A inf.	C.b. inf.	M+ela	Comb.	M+des	M+ult	x/d	M-ela	Comb.	M-des	M-ult	x/d	Verifica
0	9.42	7.8	6.28	7.8						-2002909	SLU 5	-1707265	-2237378	0.107	Si
20	9.42	7.8	6.28	7.8	-1325714	SLU 4	63000	1561045	0.1	-1440745	SLU 5	-1440745	-2237378	0.107	Si
61	9.42	7.8	6.28	7.8	-419990	SLU 4	595926	1561045	0.1	-466978	SLU 5	-1440745	-2237378	0.107	Si
115	8.46	7.8	6.28	7.8	415127	SLU 6	966043	1559236	0.098	386633	SLU 3	-820466	-2026648	0.103	Si
176	6.28	7.8	6.28	7.8	923378	SLU 6	1093304	1553901	0.094						Si
230	6.28	7.8	6.28	7.8	1093304	SLU 6	1093304	1553901	0.094						Si

Verifiche a flessione in famiglia SLV

x	A sup.	C.b. sup.	A inf.	C.b. inf.	M+ela	Comb.	M+des	M+ult	x/d	M-ela	Comb.	M-des	M-ult	x/d	Verifica
0	9.42	7.8	6.28	7.8						-1256646	SLV 3	-1077362	-2237378	0.107	Si
20	9.42	7.8	6.28	7.8	-667245	SLV 16	176570	1561045	0.1	-911445	SLV 1	-911445	-2237378	0.107	Si
61	9.42	7.8	6.28	7.8	-165961	SLV 12	589680	1561045	0.1	-371603	SLV 5	-911445	-2237378	0.107	Si
115	8.46	7.8	6.28	7.8	442289	SLV 8	958505	1559236	0.098	-27668	SLV 9	-545937	-2026648	0.103	Si
161	6.28	7.8	6.28	7.8	810433	SLV 8	1171176	1553901	0.094	71385	SLV 9	-145144	-1553901	0.094	Si

x	A sup.	C.b. sup.	A inf.	C.b. inf.	M+ela	Comb.	M+des	M+ult	x/d	M-ela	Comb.	M-des	M-ult	x/d	Verifica
176	6.28	7.8	6.28	7.8	908024	SLV 8	1171176	1553901	0.094	78846	SLV 9	-64418	-1553901	0.094	Si
230	6.28	7.8	6.28	7.8	1171176	SLV 8	1171176	1553901	0.094						Si

Verifiche a taglio in famiglia SLU

x	A st	A sl	A sag	Vela	Comb.	Vdes	Vrd	Vrcd	Vrsd	Vult	cotgθ	Verifica
0	0	9.42	0	29701	SLU 6	29701	11316	81711	0	11316	2.5	Si
20	0.062	9.42	0	26683	SLU 6	26683	11316	81711	34081	34081	2.5	Si
61	0.062	8.15	0	20446	SLU 6	20446	10782	81711	34081	34081	2.5	Si
115	0.062	6.28	0	12347	SLU 6	12347	10440	81711	34081	34081	2.5	Si
176	0.062	6.28	0	5313	SLU 6	5313	10440	81711	34081	34081	2.5	Si
230	0.062	6.28	0	1020	SLU 6	1020	10440	81711	34081	34081	2.5	Si

Verifiche a taglio in famiglia SLV

x	A st	A sl	A sag	Vela	Comb.	Vdes	Vrd	Vrcd	Vrsd	Vult	cotgθ	Verifica
0	0	9.42	0	18718	SLV 8	18718	11316	81711	0	11316	2.5	Si
20	0.062	9.42	0	17156	SLV 8	17156	11316	81711	34081	34081	2.5	Si
61	0.062	8.15	0	13928	SLV 8	13928	10782	81711	34081	34081	2.5	Si
115	0.062	6.28	0	9737	SLV 8	9737	10440	81711	34081	34081	2.5	Si
176	0.062	6.28	0	6060	SLV 8	6060	10440	81711	34081	34081	2.5	Si
230	0.062	6.28	0	3777	SLV 8	3777	10440	81711	34081	34081	2.5	Si
230	0.062	6.28	0	-2145	SLV 9	-2145	-10440	-81711	-34081	-34081	2.5	Si

Verifiche delle tensioni in esercizio

x	Rara							Quasi permanente							Verifica
	Mela	Comb.	Mdes	σ c	σ c lim.	σ f.	σ f lim.	Mela	Comb.	Mdes	σ c	σ c lim.	σ FRP	σ FRP lim.	
0	-1371738	1	-1170453	54	224.1	2204.4	3600	-1088321	4	-931296	43	168.1	0	+∞	Si
20	-988815	1	-988815	45.6	224.1	1862.3	3600	-789345	4	-789345	36.4	168.1	0	+∞	Si
61	-324295	1	-988815	45.6	224.1	1862.3	3600	-268835	2	-789345	36.4	168.1	0	+∞	Si
115	278080	1	660823	35	224.1	1842.9	3600	207311	4	518491	27.5	168.1	0	+∞	Si
176	630762	1	752826	40.8	224.1	2097.9	3600	493435	4	598494	32.4	168.1	0	+∞	Si
230	752826	1	752826	40.8	224.1	2097.9	3600	598494	4	598494	32.4	168.1	0	+∞	Si

Verifica di apertura delle fessure

La campata non presenta apertura delle fessure

Verifica di deformabilità

x	Rara				Frequente				Quasi permanente							Verifica
	Elastica+	Elastica-	Fess.+	Fess.-	Elastica+	Elastica-	Fess.+	Fess.-	Elastica+	Elastica-	Fess. viscosa+	Comb.	Fess. viscosa-	Comb.	l/f	
20	0.002	0.002	0.001	0.001	0.002	0.002	0.001	0.001	0.001	0.001	0.002	4	0.001	4	9999	Si
61	0.008	0.008	0.006	0.006	0.008	0.008	0.006	0.006	0.006	0.003	0.012	4	0.006	4	9999	Si
115	0.018	0.018	0.013	0.013	0.018	0.018	0.013	0.013	0.014	0.007	0.029	4	0.015	4	9999	Si
176	0.026	0.026	0.02	0.02	0.026	0.026	0.02	0.02	0.021	0.011	0.044	4	0.023	4	9999	Si
222	0.028	0.028	0.022	0.022	0.028	0.028	0.022	0.022	0.022	0.012	0.047	4	0.025	4	9600	Si
230	0.027	0.027	0.021	0.021	0.027	0.027	0.021	0.021	0.022	0.012	0.047	4	0.025	4	9641	Si

Campata 3 tra i fili - , sezione R 40x70, aste 4, 5, 6

Verifiche a flessione in famiglia SLU

x	A sup.	C.b. sup.	A inf.	C.b. inf.	M+ela	Comb.	M+des	M+ult	x/d	M-ela	Comb.	M-des	M-ult	x/d	Verifica
0	6.28	7.8	6.28	7.8	1055553	SLU 6	1055553	1553901	0.094						Si
27	7.62	7.8	6.28	7.8	979924	SLU 6	1055553	1557393	0.097						Si
50	8.54	7.8	6.28	7.8	753635	SLU 6	1055553	1559395	0.098						Si
77	9.42	7.8	6.28	7.8	437827	SLU 5	1041918	1561045	0.1						Si
100	9.42	7.8	6.28	7.8	184382	SLU 5	966363	1561045	0.1						Si

Verifiche a flessione in famiglia SLV

x	A sup.	C.b. sup.	A inf.	C.b. inf.	M+ela	Comb.	M+des	M+ult	x/d	M-ela	Comb.	M-des	M-ult	x/d	Verifica
0	6.28	7.8	6.28	7.8	1118529	SLV 8	1118529	1553901	0.094						Si
27	7.62	7.8	6.28	7.8	1044206	SLV 8	1118529	1557393	0.097						Si
50	8.54	7.8	6.28	7.8	744919	SLV 8	1118529	1559395	0.098	98639	SLV 9	-23047	-2044615	0.103	Si
77	9.42	7.8	6.28	7.8	329472	SLV 3	1102674	1561045	0.1	176313	SLV 14	-23047	-2237378	0.107	Si
100	9.42	7.8	6.28	7.8	257554	SLV 5	1032739	1561045	0.1	-23047	SLV 12	-23047	-2237378	0.107	Si

Verifiche a taglio in famiglia SLU

x	A st	A sl	A sag	Vela	Comb.	Vdes	Vrd	Vrcd	Vrsd	Vult	cotgθ	Verifica
0	0.062	6.28	0	-1802	SLU 8	-1802	-10440	-81711	-34081	-34081	2.5	Si
27	0.06	6.28	0	-3935	SLU 8	-3935	-10440	-81711	-33032	-33032	2.5	Si
50	0.06	6.28	0	-7785	SLU 8	-7785	-10440	-81711	-33032	-33032	2.5	Si
77	0.06	6.28	0	-10079	SLU 8	-10079	-10440	-81711	-33032	-33032	2.5	Si
100	0.06	6.28	0	-11946	SLU 8	-11946	-10440	-81711	-33032	-33032	2.5	Si

Verifiche a taglio in famiglia SLV

x	A st	A sl	A sag	Vela	Comb.	Vdes	Vrd	Vrcd	Vrsd	Vult	cotgθ	Verifica
0	0.062	6.28	0	745	SLV 9	745	10440	81711	34081	34081	2.5	Si
0	0.062	6.28	0	-2281	SLV 8	-2281	-10440	-81711	-34081	-34081	2.5	Si
27	0.06	6.28	0	-3416	SLV 8	-3416	-10440	-81711	-33032	-33032	2.5	Si
50	0.06	6.28	0	1291	SLV 9	1291	10440	81711	33032	33032	2.5	Si
50	0.06	6.28	0	-9376	SLV 8	-9376	-10440	-81711	-33032	-33032	2.5	Si
77	0.06	6.28	0	1550	SLV 5	1550	10440	81711	33032	33032	2.5	Si
77	0.06	6.28	0	-12183	SLV 12	-12183	-10440	-81711	-33032	-33032	2.5	Si
100	0.06	6.28	0	557	SLV 5	557	10440	81711	33032	33032	2.5	Si
100	0.06	8.01	0	-13176	SLV 12	-13176	-10719	-81711	-33032	-33032	2.5	Si

Verifiche delle tensioni in esercizio

x	Rara							Quasi permanente							Verifica
	Mela	Comb.	Mdes	σ c	σ c lim.	σ f.	σ f lim.	Mela	Comb.	Mdes	σ c	σ c lim.	σ FRP	σ FRP lim.	
0	726043	1	726043	39.4	224.1	2023.3	3600	577397	4	577397	31.3	168.1	0	+∞	Si
27	675043	1	726043	38.8	224.1	2024.2	3600	541786	4	577397	30.9	168.1	0	+∞	Si
50	517400	1	726043	38.4	224.1	2024.8	3600	421779	4	577397	30.6	168.1	0	+∞	Si
77	297328	1	716878	37.6	224.1	1999.9	3600	267408	2	571302	30	168.1	0	+∞	Si
100	121063	1	665875	34.9	224.1	1857.6	3600	139283	2	535154	28.1	168.1	0	+∞	Si

Verifica di apertura delle fessure

La campata non presenta apertura delle fessure

Verifica di deformabilità

x	Rara				Frequente				Quasi permanente							Verifica
	Elastica+	Elastica-	Fess.+	Fess.-	Elastica+	Elastica-	Fess.+	Fess.-	Elastica+	Elastica-	Fess. viscosa+	Comb.	Fess. viscosa-	Comb.	l/f	
0	0.027	0.027	0.021	0.021	0.027	0.027	0.021	0.021	0.022	0.012	0.047	4	0.025	4	9641	Si
27	0.026	0.026	0.02	0.02	0.026	0.026	0.02	0.02	0.021	0.011	0.045	4	0.024	4	9999	Si
50	0.024	0.024	0.018	0.018	0.024	0.024	0.018	0.018	0.019	0.01	0.041	2	0.021	2	9999	Si
77	0.02	0.02	0.015	0.015	0.02	0.02	0.015	0.015	0.016	0.008	0.035	2	0.017	2	9999	Si
100	0.016	0.016	0.012	0.012	0.016	0.016	0.012	0.012	0.014	0.007	0.028	2	0.014	2	9999	Si

Campata 4 tra i fili - 22, sezione R 40x70, asta 7

Verifiche a flessione in famiglia SLU

x	A sup.	C.b. sup.	A inf.	C.b. inf.	M+ela	Comb.	M+des	M+ult	x/d	M-ela	Comb.	M-des	M-ult	x/d	Verifica
0	9.42	7.8	6.28	7.8	151808	SLU 5	151808	1561045	0.1	137113	SLU 4	-836242	-2237378	0.107	Si
29	9.42	7.8	6.28	7.8	-176474	SLU 1	151808	1561045	0.1	-219800	SLU 8	-1358386	-2237378	0.107	Si
63	9.42	7.8	6.28	7.8	-627488	SLU 1	151808	1561045	0.1	-713266	SLU 8	-1374669	-2237378	0.107	Si
92	9.42	7.8	6.28	7.8						-1217968	SLU 8	-1374669	-2237378	0.107	Si
100	9.42	7.8	6.28	7.8						-1374669	SLU 8	-1374669	-2237378	0.107	Si
125	9.42	7.8	6.28	7.8						-1878106	SLU 8	-1613887	-2237378	0.107	Si

Verifiche a flessione in famiglia SLV

x	A sup.	C.b. sup.	A inf.	C.b. inf.	M+ela	Comb.	M+des	M+ult	x/d	M-ela	Comb.	M-des	M-ult	x/d	Verifica
0	9.42	7.8	6.28	7.8	253126	SLV 5	292587	1561045	0.1	-55758	SLV 12	-1115757	-2237378	0.107	Si
29	9.42	7.8	6.28	7.8	287906	SLV 5	292587	1561045	0.1	-470950	SLV 12	-1620640	-2237378	0.107	Si
63	9.42	7.8	6.28	7.8	285745	SLV 5	292587	1561045	0.1	-992189	SLV 12	-1635990	-2237378	0.107	Si
92	9.42	7.8	6.28	7.8	245721	SLV 5	292587	1561045	0.1	-1487706	SLV 12	-1635990	-2237378	0.107	Si
100	9.42	7.8	6.28	7.8	227695	SLV 5	292587	1561045	0.1	-1635990	SLV 12	-1635990	-2237378	0.107	Si
125	9.42	7.8	6.28	7.8	155994	SLV 5	155994	1561045	0.1	-2098673	SLV 12	-1860953	-2237378	0.107	Si

Verifiche a taglio in famiglia SLU

x	A st	A sl	A sag	Vela	Comb.	Vdes	Vrd	Vrcd	Vrsd	Vult	cotgθ	Verifica
0	0.06	6.28	0	-11137	SLU 8	-11137	-10440	-81711	-33032	-33032	2.5	Si
29	0.06	9.42	0	-13471	SLU 8	-13471	-11316	-81711	-33032	-33032	2.5	Si
63	0.06	9.42	0	-16137	SLU 8	-16137	-11316	-81711	-33032	-33032	2.5	Si
92	0.06	9.42	0	-18471	SLU 8	-18471	-11316	-81711	-33032	-33032	2.5	Si
100	0.06	9.42	0	-19137	SLU 8	-19137	-11316	-81711	-33032	-33032	2.5	Si
125	0	9.42	0	-21138	SLU 8	-21138	-11316	-81711	0	-11316	2.5	Si

Verifiche a taglio in famiglia SLV

x	A st	A sl	A sag	Vela	Comb.	Vdes	Vrd	Vrcd	Vrsd	Vult	cotgθ	Verifica
0	0.06	6.28	0	1940	SLV 5	1940	10440	81711	33032	33032	2.5	Si
0	0.06	9.42	0	-13742	SLV 12	-13742	-11316	-81711	-33032	-33032	2.5	Si
29	0.06	6.28	0	699	SLV 5	699	10440	81711	33032	33032	2.5	Si
29	0.06	9.42	0	-14983	SLV 12	-14983	-11316	-81711	-33032	-33032	2.5	Si
63	0.06	9.42	0	-16401	SLV 12	-16401	-11316	-81711	-33032	-33032	2.5	Si
92	0.06	9.42	0	-17642	SLV 12	-17642	-11316	-81711	-33032	-33032	2.5	Si
100	0.06	9.42	0	-17997	SLV 12	-17997	-11316	-81711	-33032	-33032	2.5	Si
125	0	9.42	0	-19061	SLV 12	-19061	-11316	-81711	0	-11316	2.5	Si

Verifiche delle tensioni in esercizio

x	Rara							Quasi permanente							Verifica
	Mela	Comb.	Mdes	σ c	σ c lim.	σ f.	σ f lim.	Mela	Comb.	Mdes	σ c	σ c lim.	σ FRP	σ FRP lim.	
0	97277	1	97277	5.1	224.1	271.4	3600	123824	2	123824	6.5	168.1	0	+∞	Si
29	-147349	1	-923017	42.6	224.1	1738.4	3600	-95807	3	-695506	32.1	168.1	0	+∞	Si
63	-483588	1	-934107	43.1	224.1	1759.3	3600	-353222	4	-704147	32.5	168.1	0	+∞	Si
92	-827381	1	-934107	43.1	224.1	1759.3	3600	-620993	4	-704147	32.5	168.1	0	+∞	Si
100	-934107	1	-934107	43.1	224.1	1759.3	3600	-704147	4	-704147	32.5	168.1	0	+∞	Si
125	-1276954	1	-1097030	50.6	224.1	2066.1	3600	-971339	4	-831095	38.4	168.1	0	+∞	Si

Verifica di apertura delle fessure

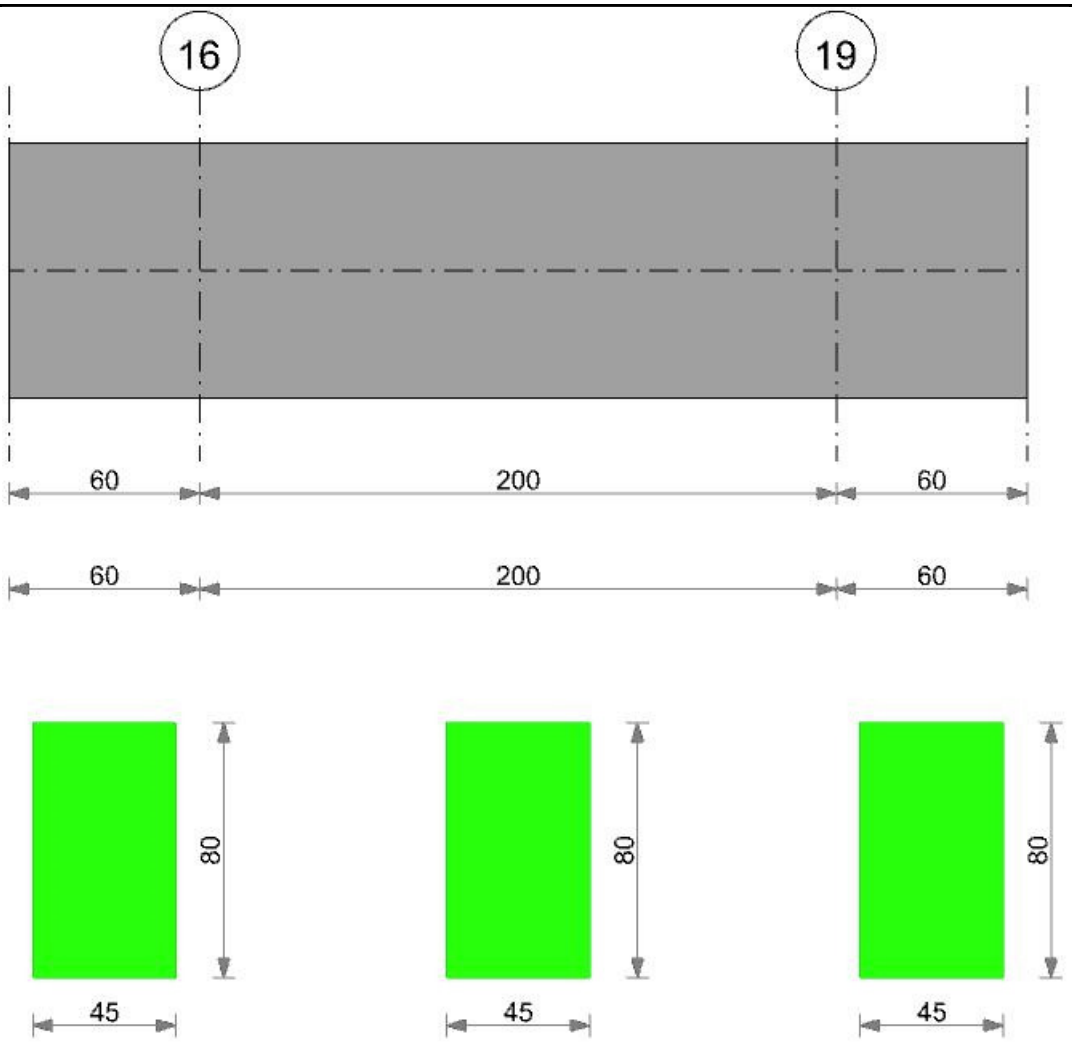
La campata non presenta apertura delle fessure

Verifica di deformabilità

x	Rara				Frequente				Quasi permanente							Verifica
	Elastica+	Elastica-	Fess.+	Fess.-	Elastica+	Elastica-	Fess.+	Fess.-	Elastica+	Elastica-	Fess. viscosa+	Comb.	Fess. viscosa-	Comb.	l/f	
0	0.016	0.016	0.012	0.012	0.016	0.016	0.012	0.012	0.014	0.007	0.028	2	0.014	2	9999	Si
29	0.011	0.011	0.008	0.008	0.011	0.011	0.008	0.008	0.01	0.005	0.019	2	0.009	2	9999	Si
63	0.006	0.006	0.004	0.004	0.006	0.006	0.004	0.004	0.005	0.002	0.01	2	0.004	2	9999	Si
92	0.002	0.002	0.001	0.001	0.002	0.002	0.001	0.001	0.002	0.001	0.003	2	0.001	2	9999	Si
100	0.001	0.001	0	0	0.001	0.001	0	0	0.001	0	0.002	2	0	2	9999	Si

Trave a "Piano copertura" 16-19

Geometria



Caratteristiche dei materiali

Acciaio: B450C_1 Fyk 4500
Calcestruzzo: C35/45_1 Rck 450

Elenco delle sezioni

N°	Descrizione	Tipo	Base	Altezza	Copriferro sup.	Copriferro inf.	Copriferro lat.
1	R 45x80	Rettangolare	45	80	6	6	6

Diagramma verifica stato limite ultimo flessione

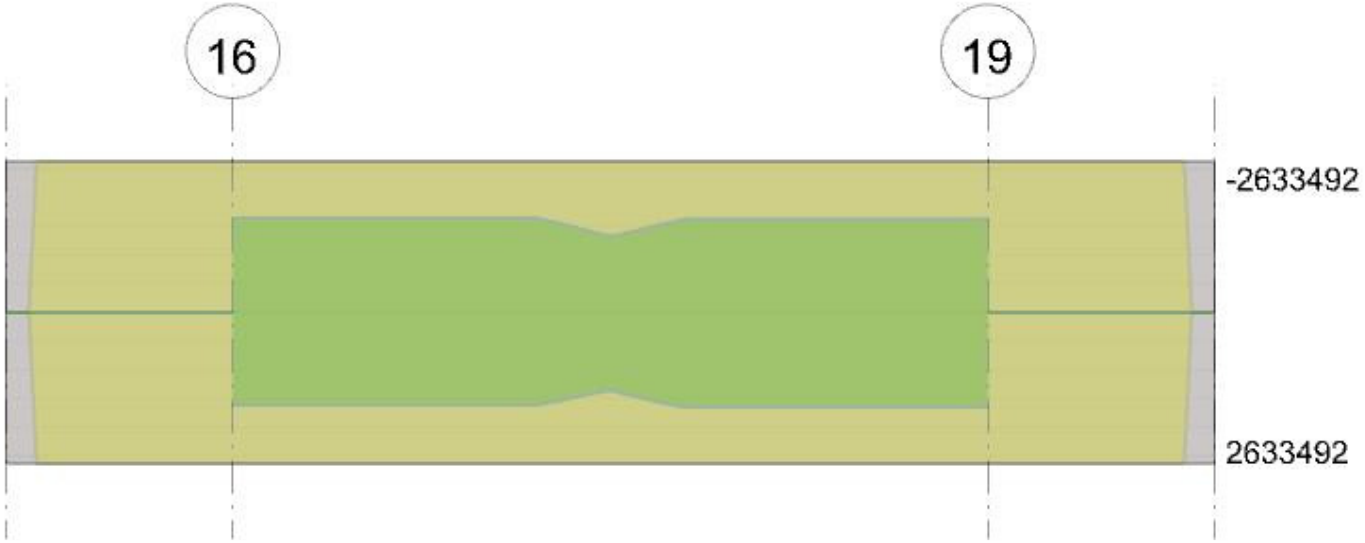


Diagramma verifica stato limite ultimo taglio

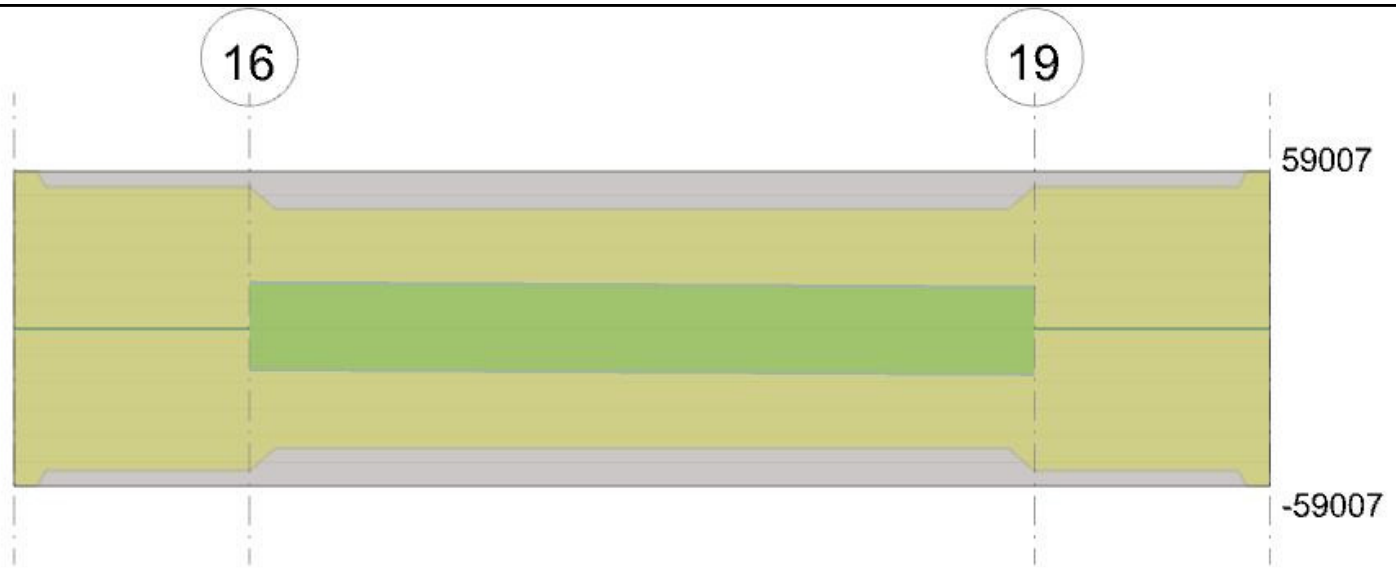
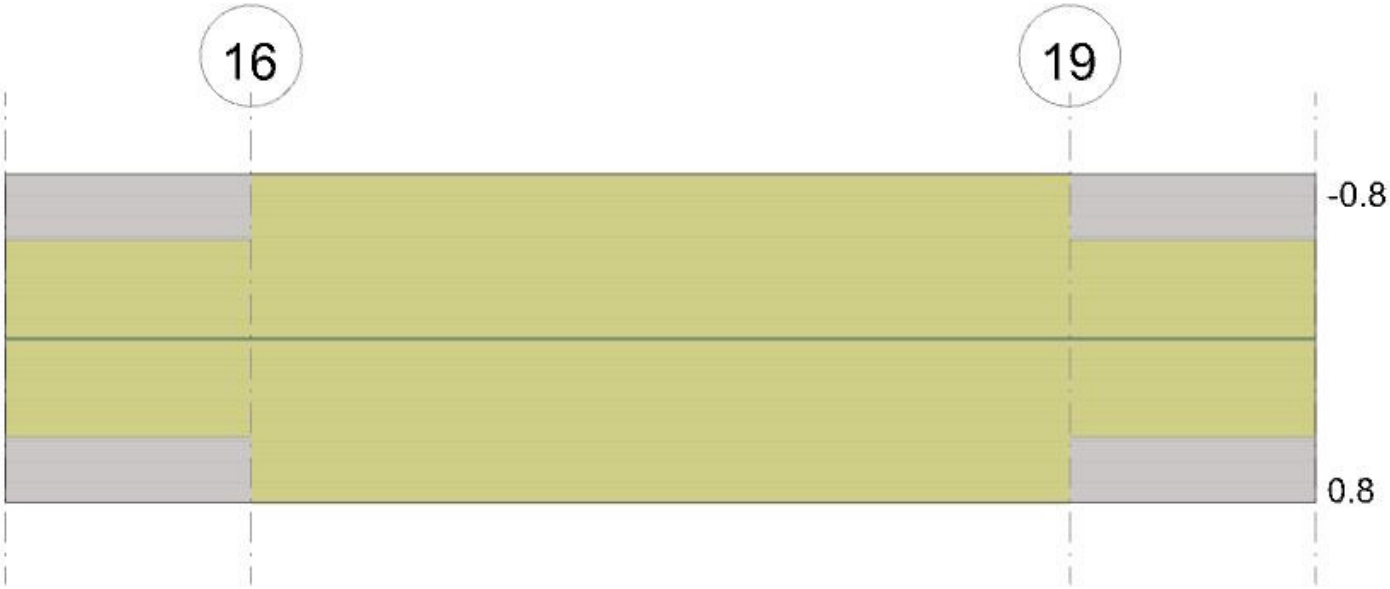


Diagramma verifica stato limite esercizio quasi permanente freccia



Output campate

Campata 2 tra i fili 16 - 19, sezione R 45x80, asta 14

Verifiche a flessione in famiglia SLU

x	A sup.	C.b. sup.	A inf.	C.b. inf.	M+ela	Comb.	M+des	M+ult	x/d	M-ela	Comb.	M-des	M-ult	x/d	Verifica
0	9.42	7.8	9.42	7.8	16275	SLU 4	64622	2633492	0.091	-29226	SLU 5	-29226	-2633492	0.091	Si
53	9.42	7.8	9.42	7.8	54947	SLU 8	71718	2633492	0.091	27194	SLU 1	-29226	-2633492	0.091	Si
100	9.42	7.8	9.42	7.8	66089	SLU 6	71718	2633492	0.091	50958	SLU 3	-3075	-2633492	0.091	Si
147	9.42	7.8	9.42	7.8	70330	SLU 6	71718	2633492	0.091	36542	SLU 3	-3933	-2633492	0.091	Si
200	9.42	7.8	9.42	7.8	43977	SLU 6	71718	2633492	0.091	-3933	SLU 3	-3933	-2633492	0.091	Si

Verifiche a flessione in famiglia SLV

x	A sup.	C.b. sup.	A inf.	C.b. inf.	M+ela	Comb.	M+des	M+ult	x/d	M-ela	Comb.	M-des	M-ult	x/d	Verifica
0	9.42	7.8	9.42	7.8	1619710	SLV 16	1619710	2633492	0.091	-1640172	SLV 1	-1640172	-2633492	0.091	Si
53	9.42	7.8	9.42	7.8	792117	SLV 16	1619710	2633492	0.091	-726984	SLV 1	-1640172	-2633492	0.091	Si
100	9.42	7.8	9.42	7.8	60761	SLV 8	1359470	2633492	0.091	37266	SLV 9	-1315796	-2633492	0.091	Si
120	9.42	7.8	9.42	7.8	378886	SLV 3	1653508	2633492	0.091	-278762	SLV 14	-1616993	-2633492	0.091	Si
147	9.42	7.8	9.42	7.8	810071	SLV 3	1653508	2633492	0.091	-718350	SLV 14	-1616993	-2633492	0.091	Si
200	9.42	7.8	9.42	7.8	1653508	SLV 3	1653508	2633492	0.091	-1616993	SLV 14	-1616993	-2633492	0.091	Si

Verifiche a taglio in famiglia SLU

x	A st	A sl	A sag	Vela	Comb.	Vdes	Vrd	Vrcd	Vrsd	Vult	cotgθ	Verifica
0	0.084	9.42	0	1534	SLU 6	1534	13168	106704	53254	53254	2.5	Si
7	0.07	9.42	0	1456	SLU 6	1456	13168	106704	44733	44733	2.5	Si
53	0.07	9.42	0	910	SLU 6	910	13168	106704	44733	44733	2.5	Si
100	0.07	9.42	0	364	SLU 6	364	13168	106704	44733	44733	2.5	Si
100	0.07	9.42	0	-99	SLU 3	-99	-13168	-106704	-44733	-44733	2.5	Si
147	0.07	9.42	0	-581	SLU 7	-581	-13168	-106704	-44733	-44733	2.5	Si
200	0.084	9.42	0	-1205	SLU 7	-1205	-13168	-106704	-53254	-53254	2.5	Si

Verifiche a taglio in famiglia SLV

x	A st	A sl	A sag	Vela	Comb.	Vdes	Vrd	Vrcd	Vrsd	Vult	cotgθ	Verifica
0	0.084	9.42	0	17364	SLV 1	17364	13168	106704	53254	53254	2.5	Si
0	0.084	9.42	0	-15279	SLV 16	-15279	-13168	-106704	-53254	-53254	2.5	Si
7	0.07	9.42	0	17304	SLV 1	17304	13168	106704	44733	44733	2.5	Si
7	0.07	9.42	0	-15339	SLV 16	-15339	-13168	-106704	-44733	-44733	2.5	Si
53	0.07	9.42	0	16884	SLV 1	16884	13168	106704	44733	44733	2.5	Si
53	0.07	9.42	0	-15759	SLV 16	-15759	-13168	-106704	-44733	-44733	2.5	Si
100	0.07	9.42	0	16464	SLV 1	16464	13168	106704	44733	44733	2.5	Si
100	0.07	9.42	0	-16179	SLV 16	-16179	-13168	-106704	-44733	-44733	2.5	Si
147	0.07	9.42	0	16044	SLV 1	16044	13168	106704	44733	44733	2.5	Si
147	0.07	9.42	0	-16599	SLV 16	-16599	-13168	-106704	-44733	-44733	2.5	Si

x	A st	A sl	A sag	Vela	Comb.	Vdes	Vrd	Vrcd	Vrsd	Vult	cotgθ	Verifica
200	0.084	9.42	0	15564	SLV 1	15564	13168	106704	53254	53254	2.5	Si
200	0.084	9.42	0	-17079	SLV 16	-17079	-13168	-106704	-53254	-53254	2.5	Si

Verifiche delle tensioni in esercizio

x	Rara							Quasi permanente							Verifica
	Mela	Comb.	Mdes	σ c	σ c lim.	σ f.	σ f lim.	Mela	Comb.	Mdes	σ c	σ c lim.	σ FRP	σ FRP lim.	
0	-9048	1	-9048	0.3	224.1	14.5	3600	-22927	3	-22927	0.8	168.1	0	+∞	Si
53	33807	1	51419	1.7	224.1	82.4	3600	33198	2	52980	1.7	168.1	0	+∞	Si
100	50305	1	51419	1.7	224.1	82.4	3600	49013	4	52980	1.7	168.1	0	+∞	Si
147	47203	1	51419	1.7	224.1	82.4	3600	51765	3	52980	1.7	168.1	0	+∞	Si
200	19658	1	51384	1.7	224.1	82.4	3600	30926	3	52980	1.7	168.1	0	+∞	Si

Verifica di apertura delle fessure

La campata non presenta apertura delle fessure

Verifica di deformabilità

x	Rara				Frequente				Quasi permanente							Verifica
	Elastica+	Elastica-	Fess.+	Fess.-	Elastica+	Elastica-	Fess.+	Fess.-	Elastica+	Elastica-	Fess. viscosa+	Comb.	Fess. viscosa-	Comb.	l/f	
53	0	0	0	0	0	0	0	0	0	0	0.001	4	0.001	4	9999	Si
100	0	0	0	0	0	0	0	0	0	0	0.001	4	0.001	4	9999	Si
107	0	0	0	0	0	0	0	0	0	0	0.001	3	0.001	3	9999	Si
147	0	0	0	0	0	0	0	0	0	0	0.001	3	0.001	3	9999	Si

6.3 Verifiche piastre e pareti C.A.

***nod.**: nodo del modello FEM*
***sez.**: tipo di sezione (o = orizzontale, v = verticale)*
***B**: base della sezione*
***H**: altezza della sezione*
***Af+**: area di acciaio dal lato B (inferiore per le piastre))*
***Af-**: area di acciaio dal lato A (superiore per le piastre))*
***c+**: copriferro dal lato B (inferiore per le piastre))*
***c-**: copriferro dal lato A (superiore per le piastre))*
***sc**: tensione sul calcestruzzo in esercizio*
***comb**: combinazione di carico*
***c.s.**: coefficiente di sicurezza*
***N**: sforzo normale di calcolo*
***M**: momento flettente di calcolo*
***Mu**: momento flettente ultimo*
***Nu**: sforzo normale ultimo*
***sf**: tensione sull'acciaio in esercizio*
***Wk**: apertura caratteristica delle fessure*
***Sm**: distanza media fra le fessure*
***st**: sigma a trazione nel calcestruzzo in condizioni non fessurate*
***fck**: resistenza caratteristica cilindrica del calcestruzzo*
***fcd**: resistenza a compressione di calcolo del calcestruzzo*
***fctd**: resistenza a trazione di calcolo del calcestruzzo*
***Hcr**: altezza critica*
***q.Hcr**: *quota della sezione alla altezza critica*
***hw**: altezza della parete*
***lw**: lunghezza della parete*
***n.p.**: numero di piani*
***hs**: altezza dell'interpiano*
***Mxd**: momento di progetto attorno all'asse x (fuori piano)*
***Myd**: momento di progetto attorno all'asse y (nel piano)*
***NEd**: sforzo normale di progetto*
***MEd**: Momento flettente di progetto di progetto*
***VEd**: sforzo di taglio di progetto*
***Ngrav.**: sforzo normale dovuto ai carichi gravitazionali*
***NReale.**: sforzo normale derivante dall'analisi*
***VRcd**: resistenza a taglio dovuta alle bielle di calcestruzzo*
***epsilon**: coefficiente di maggiorazione del taglio derivante dall'analisi*
***αS**: MEd/(VEd*lw) formula 7.4.15*
***At**: area tesa di acciaio*
***roh**: rapporto tra area della sezione orizzotale dell'armatura di anima e l'area della sezione di calcestruzzo*
***rov**: rapporto tra area della sezione verticale dell'armatura di anima e l'area della sezione di calcestruzzo*
***VRsd**: resistenza a taglio della sezione con armature*
***Somma(Asj)- Ai**: somma delle aree delle barre verticali che attraversano la superficie di scorrimento*
***csi**: altezza della parte compressa normalizzata all'altezza della sezione*
***Vdd**: contributo dell'effetto spinotto delle armature verticali*
***Vfd**: contributo della resistenza per attrito*
***Vid**: contributo delle armature inclinate presenti alla base*
***VRd,s**: valore di progetto della resistenza a taglio nei confronti dello scorrimento*
***M01**: momento flettente inferiore per verifica instabilità*
***M02**: momento flettente superiore per verifica instabilità*
***etot**: eccentricità complessiva EC2 12.6.5.2 (12.12)*
***Fi**: coefficiente riduttivo EC2 12.6.5.2 (12.11)*
***l0**: lunghezza libera di inflessione*
***beta**: coefficiente EC2 12.6.5.1 (12.9)*
***Nrd**: resistenza di progetto EC2 12.6.5.2 (12.10)*
***l,lim**: snellezza limite EC2 12.6.5.1 (4)*
***At**: area di calcestruzzo del traverso in parete con blocco cassero in legno*
***Vr,cls**: resistenza a taglio in assenza di armatura orizzontale in parete con blocco cassero in legno*
***Mu**: momento resistente ultimo del singolo traverso in parete con blocco cassero in legno*

***Hp**: resistenza a trazione dell'elemento teso in parete con blocco cassero in legno*
***R**: fattore di efficienza in parete con blocco cassero in legno*
***Vr,s**: contributo alla resistenza a taglio della armatura orizzontale in parete con blocco cassero in legno*
***Vrd**: resistenza a taglio per trazione del diagonale in parete con blocco cassero in legno*
***l**: luce netta della trave di collegamento*
***h**: altezza della trave di collegamento*
***b**: spessore della trave di collegamento*
***d**: altezza utile della trave di collegamento*
***Asi**: area complessiva della armatura a X*
***M,plast**: momenti resistenti della trave a filo appoggio*
***T,plast**: sforzi di taglio nella trave derivanti da gerarchia delle resistenze*

Parete a chiusura idraulica E

Parete fra le coordinate in pianta (725;-375) (725;-145)
da quota -450 a quota -5
Valori in daN, cm
C35/45_1: rck 450
fyk 4500

Verifica di stato limite ultimo

nod	sez	B	H	Af+	Af-	c+	c-	c.s.	comb	N	M	Nu	Mu
460	o	70	50	6.0	6.0	6.3	6.3	3.657	7 SLV	11403	28168	41704	103017
	v	100	50	10.1	10.1	7.9	7.9	5.416	5 SLU	-11551	-546051	-62557	-2957242
752	o	70	50	9.2	9.2	7.5	7.5	1.009	3 SLV	41718	-612725	42103	-618385
	v	50	50	4.0	4.0	7.9	7.9	4.141	6 SLV	4051	-77006	16775	-318917
781	o	100	50	10.1	10.1	6.3	6.3	1.415	3 SLV	23986	-672942	33929	-951925
	v	50	50	4.0	4.0	7.9	7.9	6.981	2 SLV	3848	-13841	26864	-96627

Combinazione rara

nod	sez	B	H	Af+	Af-	c+	c-	sc	c	N	M	sf	c	N	M	Wk(mm)	Wlim	st	Sm(mm)	c
460	o	70	50	6.0	6.0	6.3	6.3	-1.7	1 ra	-3.82E03	2.02E04	-8.4	1 ra	-3.82E03	2.02E04	0.00	999.00	0.3	0.0	1 ra
	v	100	50	10.1	10.1	7.9	7.9	-19.9	1 ra	-8.52E03	-4.06E05	624.4	1 ra	-8.52E03	-4.06E05	0.00	999.00	7.8	0.0	1 ra
752	o	70	50	9.2	9.2	7.5	7.5	-17.4	1 ra	6.11E03	-2.99E05	1224.8	1 ra	6.11E03	-2.99E05	0.00	999.00	11.5	0.0	1 ra
	v	50	50	4.0	4.0	7.9	7.9	-2.8	1 ra	2.15E01	-2.48E04	160.9	1 ra	2.15E01	-2.48E04	0.00	999.00	1.2	0.0	1 ra
781	o	100	50	10.1	10.1	6.3	6.3	-17.3	1 ra	-6.50E03	-3.72E05	607.8	1 ra	-6.50E03	-3.72E05	0.00	999.00	7.3	0.0	1 ra
	v	50	50	4.0	4.0	7.9	7.9	-1.0	1 ra	-1.07E03	-1.22E04	-1.9	1 ra	-6.85E02	4.31E03	0.00	999.00	0.2	0.0	1 ra

Combinazione frequente

nod	sez	B	H	Af+	Af-	c+	c-	sc	c	N	M	sf	c	N	M	Wk(mm)	Wklim	st	Sm(mm)	c
460	o	70	50	6.0	6.0	6.3	6.3	-1.7	1 fr	-3.82E03	2.02E04	-8.4	1 fr	-3.82E03	2.02E04	0.00	0.20	0.3	0.0	1 fr
	v	100	50	10.1	10.1	7.9	7.9	-19.9	1 fr	-8.52E03	-4.06E05	624.4	1 fr	-8.52E03	-4.06E05	0.00	0.20	7.8	0.0	1 fr
752	o	70	50	9.2	9.2	7.5	7.5	-17.4	1 fr	6.11E03	-2.99E05	1224.8	1 fr	6.11E03	-2.99E05	0.00	0.20	11.5	0.0	1 fr
	v	50	50	4.0	4.0	7.9	7.9	-2.8	1 fr	2.15E01	-2.48E04	160.9	1 fr	2.15E01	-2.48E04	0.00	0.20	1.2	0.0	1 fr
781	o	100	50	10.1	10.1	6.3	6.3	-17.3	1 fr	-6.50E03	-3.72E05	607.8	1 fr	-6.50E03	-3.72E05	0.00	0.20	7.3	0.0	1 fr
	v	50	50	4.0	4.0	7.9	7.9	-1.0	1 fr	-1.07E03	-1.22E04	-1.9	1 fr	-6.85E02	4.31E03	0.00	0.20	0.2	0.0	1 fr

Combinazione quasi permanente

nod	sez	B	H	Af+	Af-	c+	c-	sc	c	N	M	sf	c	N	M	Wk(mm)	Wklim	st	Sm(mm)	c
460	o	70	50	6.0	6.0	6.3	6.3	-1.6	4 q.	-3.22E03	2.17E04	29.3	1 q.	-3.10E02	-1.31E04	0.00	0.20	0.3	0.0	1 q.
	v	100	50	10.1	10.1	7.9	7.9	-17.8	3 q.	-7.32E03	-3.62E05	569.2	3 q.	-7.32E03	-3.62E05	0.00	0.20	7.0	0.0	1 q.
752	o	70	50	9.2	9.2	7.5	7.5	-15.4	4 q.	6.29E03	-2.68E05	1147.7	4 q.	6.29E03	-2.68E05	0.00	0.20	10.5	0.0	1 q.
	v	50	50	4.0	4.0	7.9	7.9	-2.3	3 q.	1.51E02	-2.09E04	154.1	4 q.	1.75E02	-2.06E04	0.00	0.20	1.0	0.0	1 q.
781	o	100	50	10.1	10.1	6.3	6.3	-16.2	4 q.	-5.51E03	-3.48E05	598.6	3 q.	-5.27E03	-3.45E05	0.00	0.20	7.0	0.0	1 q.
	v	50	50	4.0	4.0	7.9	7.9	-0.8	4 q.	-7.61E02	-1.05E04	5.7	2 q.	-4.56E02	-8.09E03	0.00	0.20	0.2	0.0	1 q.

Verifica dei pannelli

Pannello : Pannello da Filo 11 a Filo 7

Sezione a quota -399
Coordinate dei vertici

X	Y
-375.0	25.0
-375.0	51.0
-335.0	51.0
-335.0	25.0
-185.0	25.0
-185.0	51.0
-145.0	51.0
-145.0	25.0
-145.0	-25.0
-375.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-357.3	-18.7	16	-337.3	-18.7	16	-317.3	-18.7	16	-297.3	-18.7	16	-277.3	-18.7	16
-257.3	-18.7	16	-237.3	-18.7	16	-217.3	-18.7	16	-197.3	-18.7	16	-177.3	-18.7	16
-157.3	-18.7	16	-357.3	18.7	16	-337.3	18.7	16	-317.3	18.7	16	-297.3	18.7	16
-277.3	18.7	16	-257.3	18.7	16	-237.3	18.7	16	-217.3	18.7	16	-197.3	18.7	16
-177.3	18.7	16	-157.3	18.7	16									

Sezione a quota -338
Coordinate dei vertici

X	Y
-375.0	25.0
-375.0	83.1
-335.0	83.1
-335.0	25.0
-185.0	25.0
-185.0	83.1
-145.0	83.1

-145.0	25.0
-145.0	-25.0
-375.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-357.3	-18.7	16	-337.3	-18.7	16	-317.3	-18.7	16	-297.3	-18.7	16	-277.3	-18.7	16
-257.3	-18.7	16	-237.3	-18.7	16	-217.3	-18.7	16	-197.3	-18.7	16	-177.3	-18.7	16
-157.3	-18.7	16	-357.3	18.7	16	-337.3	18.7	16	-317.3	18.7	16	-297.3	18.7	16
-277.3	18.7	16	-257.3	18.7	16	-237.3	18.7	16	-217.3	18.7	16	-197.3	18.7	16
-177.3	18.7	16	-157.3	18.7	16									

Sezione a quota -276

Coordinate dei vertici

X	Y
-375.0	25.0
-375.0	67.8
-335.0	67.8
-335.0	25.0
-185.0	25.0
-185.0	67.8
-145.0	67.8
-145.0	25.0
-145.0	-25.0
-375.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-357.3	-18.7	16	-337.3	-18.7	16	-317.3	-18.7	16	-297.3	-18.7	16	-277.3	-18.7	16
-257.3	-18.7	16	-237.3	-18.7	16	-217.3	-18.7	16	-197.3	-18.7	16	-177.3	-18.7	16
-157.3	-18.7	16	-357.3	18.7	16	-337.3	18.7	16	-317.3	18.7	16	-297.3	18.7	16
-277.3	18.7	16	-257.3	18.7	16	-237.3	18.7	16	-217.3	18.7	16	-197.3	18.7	16
-177.3	18.7	16	-157.3	18.7	16									

Sezione a quota -274

Coordinate dei vertici

X	Y
-375.0	25.0
-375.0	67.3
-335.0	67.3
-335.0	25.0
-185.0	25.0
-185.0	67.3
-145.0	67.3
-145.0	25.0
-145.0	-25.0
-375.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-357.3	-18.7	16	-337.3	-18.7	16	-317.3	-18.7	16	-297.3	-18.7	16	-277.3	-18.7	16
-257.3	-18.7	16	-237.3	-18.7	16	-217.3	-18.7	16	-197.3	-18.7	16	-177.3	-18.7	16
-157.3	-18.7	16	-357.3	18.7	16	-337.3	18.7	16	-317.3	18.7	16	-297.3	18.7	16
-277.3	18.7	16	-257.3	18.7	16	-237.3	18.7	16	-217.3	18.7	16	-197.3	18.7	16
-177.3	18.7	16	-157.3	18.7	16									

Sezione a quota -140

Coordinate dei vertici

X	Y
-375.0	-25.0
-375.0	25.0
-145.0	25.0
-145.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-357.3	-18.7	16	-337.3	-18.7	16	-317.3	-18.7	16	-297.3	-18.7	16	-277.3	-18.7	16
-257.3	-18.7	16	-237.3	-18.7	16	-217.3	-18.7	16	-197.3	-18.7	16	-177.3	-18.7	16
-157.3	-18.7	16	-357.3	18.7	16	-337.3	18.7	16	-317.3	18.7	16	-297.3	18.7	16
-277.3	18.7	16	-257.3	18.7	16	-237.3	18.7	16	-217.3	18.7	16	-197.3	18.7	16
-177.3	18.7	16	-157.3	18.7	16	-169.7	-15.3	20	-169.7	15.3	20	-337.7	-15.3	20
-337.7	15.3	20												

Sezione a quota -6

Coordinate dei vertici

X	Y
-375.0	-25.0
-375.0	25.0
-145.0	25.0
-145.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-357.3	-18.7	16	-337.3	-18.7	16	-317.3	-18.7	16	-297.3	-18.7	16	-277.3	-18.7	16
-257.3	-18.7	16	-237.3	-18.7	16	-217.3	-18.7	16	-197.3	-18.7	16	-177.3	-18.7	16
-157.3	-18.7	16	-357.3	18.7	16	-337.3	18.7	16	-317.3	18.7	16	-297.3	18.7	16
-277.3	18.7	16	-257.3	18.7	16	-237.3	18.7	16	-217.3	18.7	16	-197.3	18.7	16
-177.3	18.7	16	-157.3	18.7	16	-169.7	-15.3	20	-169.7	15.3	20	-337.7	-15.3	20
-337.7	15.3	20												

Verifica eseguita come parete di fondazione comportamento non dissipativo

Le verifiche SLV sono state condotte con sollecitazioni derivate dalla famiglia di combinazioni 'SLV fondazioni'

fcd	fctd	Hcr	q.Hcr	hw	Lw	n.p.	hs
212	16	445	-5	445	230	2	198

Verifica a pressoflessione

quota	Mxd	Myd	Ned	Ngrav.	NReale	c.s.	comb
-399	533787	-79817	-21905	-21905	-21905	56.2915	7 SLU
-399	603635	-126043	-29347	-15308	-29347	51.1333	14 SLVFond
-338	-72338	-233065	-19872	-19872	-19872	99.1020	7 SLU
-338	-141140	-350968	374	-13744	374	23.3887	3 SLVFond
-276	-114736	-386632	-20635	-20635	-20635	81.8491	7 SLU
-276	-114365	-632529	3894	-14014	3894	16.1919	3 SLVFond
-274	-117673	-395418	-20635	-20635	-20635	80.9665	7 SLU
-274	-114091	-649218	3894	-14014	3894	15.9771	3 SLVFond
-140	-109210	-1373366	-27852	-27852	-27852	48.3799	5 SLU
-140	-27857	-1840953	14470	-18842	14470	6.5948	3 SLVFond
-6	778007	-2843191	-31443	-31443	-31443	11.1671	6 SLU
-6	1134534	-3662935	31744	-21336	31744	2.4816	3 SLVFond

Verifica compressione del diagonale

quota	epsilon	VEd	Vrcd	comb
-399	1.00	2705	491117	5 SLU
-399	1.00	10849	487836	2 SLVFond
-338	1.00	2705	490711	5 SLU
-338	1.00	10829	487533	2 SLVFond
-276	1.00	4630	490857	5 SLU
-276	1.00	13416	490482	6 SLVFond
-274	1.00	4630	490857	5 SLU
-274	1.00	13416	490482	6 SLVFond
-140	1.00	10169	492365	5 SLU
-140	1.00	18248	492357	6 SLVFond
-6	1.00	12498	493207	5 SLU
-6	1.00	20498	493752	6 SLVFond

Verifica trazione del diagonale

quota	alfaS	At	roh	rov	MEd	NEd	VEd	VRsd	comb
-399	0.00	44.2	0.0040	0.0038	-74203	-21612	2705	144779	5 SLU
-399	0.00	44.2	0.0040	0.0038	238313	-18038	10868	144779	6 SLVFond
-338	0.00	44.2	0.0040	0.0038	-240574	-19579	2705	144779	5 SLU
-338	0.00	44.2	0.0040	0.0038	-442227	-3691	10829	144779	2 SLVFond
-276	0.00	44.2	0.0040	0.0038	-399891	-20309	4630	144779	5 SLU
-276	0.00	44.2	0.0040	0.0038	-584797	-18436	13416	144779	6 SLVFond
-274	0.00	44.2	0.0040	0.0038	-409151	-20309	4630	144779	5 SLU
-274	0.00	44.2	0.0040	0.0038	-611628	-18436	13416	144779	6 SLVFond
-140	0.00	51.8	0.0040	0.0045	-1373366	-27852	10169	144779	5 SLU
-140	0.00	51.8	0.0040	0.0045	-1324164	-27808	18248	144779	6 SLVFond
-6	0.00	56.8	0.0032	0.0049	-2858621	-32062	12498	115823	5 SLU
-6	0.00	56.8	0.0032	0.0049	-2192528	-34783	20498	115823	6 SLVFond

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Parete chiusura idraulica lato ingresso

Parete fra le coordinate in pianta (-200;-355) (750;-355)
da quota -450 a quota 100
Valori in daN, cm
C35/45_1: rck 450
fyk 4500

Verifica di stato limite ultimo

nod	sez	B	H	Af+	Af-	c+	c-	c.s.	comb	N	M	Nu	Mu
7	o	100	40	10.1	10.1	6.3	6.3	1.956	6 SLU	-20345	-1004413	-39806	-1965131
	v	100	40	10.1	10.1	7.9	7.9	7.481	7 SLV	3414	-124002	25541	-927707
731	o	100	40	10.1	10.1	6.3	6.3	1.416	5 SLU	10010	-770469	14171	-1090760
	v	100	40	10.1	10.1	7.9	7.9	26.859	7 SLV	-2890	-92621	-77622	-2487676
740	o	100	40	10.1	10.1	6.3	6.3	1.449	7 SLU	3741	-853735	5420	-1236731
	v	100	40	10.1	10.1	7.9	7.9	9.553	3 SLV	3656	-80940	34927	-773242

Combinazione rara

nod	sez	B	H	Af+	Af-	c+	c-	sc	c	N	M	sf	c	N	M	Wk(mm)	Wlim	st	Sm(mm)	c
7	o	100	40	10.1	10.1	6.3	6.3	-52.6	1 ra	-1.52E04	-7.42E05	1661.2	1 ra	-1.52E04	-7.42E05	0.00999.00	23.0	0.0	1	ra
	v	100	40	10.1	10.1	7.9	7.9	-5.9	1 ra	-1.16E04	-9.17E04	-30.5	1 ra	-1.34E04	-5.22E04	0.00999.00	0.5	0.0	1	ra
731	o	100	40	10.1	10.1	6.3	6.3	-39.8	1 ra	7.59E03	-5.66E05	2231.2	1 ra	7.59E03	-5.66E05	0.00999.00	22.2	0.0	1	ra
	v	100	40	10.1	10.1	7.9	7.9	-5.7	1 ra	-1.23E04	-8.26E04	-18.3	1 ra	-1.25E04	-8.02E04	0.00999.00	0.0	0.0	1	ra
740	o	100	40	10.1	10.1	6.3	6.3	-44.9	1 ra	2.91E03	-6.29E05	2192.9	1 ra	2.91E03	-6.29E05	0.00999.00	23.3	0.0	1	ra
	v	100	40	10.1	10.1	7.9	7.9	-4.2	1 ra	-3.76E03	-6.40E04	47.4	1 ra	-3.76E03	-6.40E04	0.00999.00	1.4	0.0	1	ra

Combinazione frequente

nod	sez	B	H	Af+	Af-	c+	c-	sc	c	N	M	sf	c	N	M	Wk(mm)	Wlim	st	Sm(mm)	c
7	o	100	40	10.1	10.1	6.3	6.3	-52.6	1 fr	-1.52E04	-7.42E05	1661.2	1 fr	-1.52E04	-7.42E05	0.00	0.20	23.0	0.0	1 fr
	v	100	40	10.1	10.1	7.9	7.9	-5.9	1 fr	-1.16E04	-9.17E04	-30.5	1 fr	-1.34E04	-5.22E04	0.00	0.20	0.5	0.0	1 fr
731	o	100	40	10.1	10.1	6.3	6.3	-39.8	1 fr	7.59E03	-5.66E05	2231.2	1 fr	7.59E03	-5.66E05	0.00	0.20	22.2	0.0	1 fr
	v	100	40	10.1	10.1	7.9	7.9	-5.7	1 fr	-1.23E04	-8.26E04	-18.3	1 fr	-1.25E04	-8.02E04	0.00	0.20	0.0	0.0	1 fr
740	o	100	40	10.1	10.1	6.3	6.3	-44.9	1 fr	2.91E03	-6.29E05	2192.9	1 fr	2.91E03	-6.29E05	0.00	0.20	23.3	0.0	1 fr
	v	100	40	10.1	10.1	7.9	7.9	-4.2	1 fr	-3.76E03	-6.40E04	47.4	1 fr	-3.76E03	-6.40E04	0.00	0.20	1.4	0.0	1 fr

Combinazione quasi permanente

nod	sez	B	H	Af+	Af-	c+	c-	sc	c	N	M	sf	c	N	M	Wk(mm)	Wlim	st	Sm(mm)	c
7	o	100	40	10.1	10.1	6.3	6.3	-45.9	4 q.	-1.39E04	-6.49E05	1421.5	4 q.	-1.39E04	-6.49E05	0.00	0.20	20.0	0.0	1 q.
	v	100	40	10.1	10.1	7.9	7.9	-5.3	4 q.	-1.10E04	-7.87E04	-33.3	1 q.	-1.31E04	-3.99E04	0.00	0.20	0.2	0.0	1 q.
731	o	100	40	10.1	10.1	6.3	6.3	-33.5	3 q.	8.07E03	-4.80E05	1977.1	3 q.	8.07E03	-4.80E05	0.00	0.20	19.2	0.0	1 q.
	v	100	40	10.1	10.1	7.9	7.9	-5.1	3 q.	-1.11E04	-7.13E04	-17.6	4 q.	-1.11E04	-6.75E04	0.00	0.20	0.0	0.0	1 q.
740	o	100	40	10.1	10.1	6.3	6.3	-38.3	3 q.	3.86E03	-5.38E05	1946.3	3 q.	3.86E03	-5.38E05	0.00	0.20	20.3	0.0	1 q.
	v	100	40	10.1	10.1	7.9	7.9	-3.8	4 q.	-3.34E03	-5.71E04	43.0	4 q.	-3.34E03	-5.71E04	0.00	0.20	1.3	0.0	1 q.

Verifica dei pannelli

Pannello : Pannello da Filo 84 a Filo 11

Sezione a quota -399
Coordinate dei vertici

X	Y
-200.0	20.0
-200.0	51.0
-160.0	51.0
-160.0	20.0
700.0	20.0
700.0	51.0
750.0	51.0
750.0	20.0
750.0	-20.0
-200.0	-20.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-187.8	-13.7	16	-167.8	-13.7	16	-147.8	-13.7	16	-127.8	-13.7	16	-107.8	-13.7	16
-87.8	-13.7	16	-67.8	-13.7	16	-47.8	-13.7	16	-27.8	-13.7	16	-7.8	-13.7	16
12.3	-13.7	16	32.3	-13.7	16	52.3	-13.7	16	72.3	-13.7	16	92.3	-13.7	16
112.3	-13.7	16	132.3	-13.7	16	152.3	-13.7	16	172.3	-13.7	16	192.3	-13.7	16
212.3	-13.7	16	232.3	-13.7	16	252.3	-13.7	16	272.3	-13.7	16	292.3	-13.7	16
312.3	-13.7	16	332.3	-13.7	16	352.3	-13.7	16	372.3	-13.7	16	392.3	-13.7	16
412.3	-13.7	16	432.3	-13.7	16	452.3	-13.7	16	472.3	-13.7	16	492.3	-13.7	16
512.3	-13.7	16	532.3	-13.7	16	552.3	-13.7	16	572.3	-13.7	16	592.3	-13.7	16
612.3	-13.7	16	632.3	-13.7	16	652.3	-13.7	16	672.3	-13.7	16	692.3	-13.7	16
712.3	-13.7	16	732.3	-13.7	16	-187.8	13.7	16	-167.8	13.7	16	-147.8	13.7	16
-127.8	13.7	16	-107.8	13.7	16	-87.8	13.7	16	-67.8	13.7	16	-47.8	13.7	16
-27.8	13.7	16	-7.8	13.7	16	12.3	13.7	16	32.3	13.7	16	52.3	13.7	16
72.3	13.7	16	92.3	13.7	16	112.3	13.7	16	132.3	13.7	16	152.3	13.7	16
172.3	13.7	16	192.3	13.7	16	212.3	13.7	16	232.3	13.7	16	252.3	13.7	16
272.3	13.7	16	292.3	13.7	16	312.3	13.7	16	332.3	13.7	16	352.3	13.7	16
372.3	13.7	16	392.3	13.7	16	412.3	13.7	16	432.3	13.7	16	452.3	13.7	16
472.3	13.7	16	492.3	13.7	16	512.3	13.7	16	532.3	13.7	16	552.3	13.7	16
572.3	13.7	16	592.3	13.7	16	612.3	13.7	16	632.3	13.7	16	652.3	13.7	16
672.3	13.7	16	692.3	13.7	16	712.3	13.7	16	732.3	13.7	16			

Sezione a quota -338
Coordinate dei vertici

X	Y
-200.0	20.0
-200.0	83.1
-160.0	83.1
-160.0	20.0
700.0	20.0
700.0	83.1
750.0	83.1
750.0	20.0
750.0	-20.0
-200.0	-20.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-187.8	-13.7	16	-167.8	-13.7	16	-147.8	-13.7	16	-127.8	-13.7	16	-107.8	-13.7	16
-87.8	-13.7	16	-67.8	-13.7	16	-47.8	-13.7	16	-27.8	-13.7	16	-7.8	-13.7	16
12.3	-13.7	16	32.3	-13.7	16	52.3	-13.7	16	72.3	-13.7	16	92.3	-13.7	16
112.3	-13.7	16	132.3	-13.7	16	152.3	-13.7	16	172.3	-13.7	16	192.3	-13.7	16
212.3	-13.7	16	232.3	-13.7	16	252.3	-13.7	16	272.3	-13.7	16	292.3	-13.7	16
312.3	-13.7	16	332.3	-13.7	16	352.3	-13.7	16	372.3	-13.7	16	392.3	-13.7	16
412.3	-13.7	16	432.3	-13.7	16	452.3	-13.7	16	472.3	-13.7	16	492.3	-13.7	16
512.3	-13.7	16	532.3	-13.7	16	552.3	-13.7	16	572.3	-13.7	16	592.3	-13.7	16
612.3	-13.7	16	632.3	-13.7	16	652.3	-13.7	16	672.3	-13.7	16	692.3	-13.7	16
712.3	-13.7	16	732.3	-13.7	16	-187.8	13.7	16	-167.8	13.7	16	-147.8	13.7	16
-127.8	13.7	16	-107.8	13.7	16	-87.8	13.7	16	-67.8	13.7	16	-47.8	13.7	16
-27.8	13.7	16	-7.8	13.7	16	12.3	13.7	16	32.3	13.7	16	52.3	13.7	16
72.3	13.7	16	92.3	13.7	16	112.3	13.7	16	132.3	13.7	16	152.3	13.7	16
172.3	13.7	16	192.3	13.7	16	212.3	13.7	16	232.3	13.7	16	252.3	13.7	16
272.3	13.7	16	292.3	13.7	16	312.3	13.7	16	332.3	13.7	16	352.3	13.7	16
372.3	13.7	16	392.3	13.7	16	412.3	13.7	16	432.3	13.7	16	452.3	13.7	16
472.3	13.7	16	492.3	13.7	16	512.3	13.7	16	532.3	13.7	16	552.3	13.7	16
572.3	13.7	16	592.3	13.7	16	612.3	13.7	16	632.3	13.7	16	652.3	13.7	16
672.3	13.7	16	692.3	13.7	16	712.3	13.7	16	732.3	13.7	16			

Sezione a quota -276
Coordinate dei vertici

X	Y
-200.0	20.0
-200.0	67.8
-160.0	67.8
-160.0	20.0
700.0	20.0
700.0	67.8
750.0	67.8
750.0	20.0
750.0	-20.0
-200.0	-20.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-187.8	-13.7	16	-167.8	-13.7	16	-147.8	-13.7	16	-127.8	-13.7	16	-107.8	-13.7	16
-87.8	-13.7	16	-67.8	-13.7	16	-47.8	-13.7	16	-27.8	-13.7	16	-7.8	-13.7	16
12.3	-13.7	16	32.3	-13.7	16	52.3	-13.7	16	72.3	-13.7	16	92.3	-13.7	16

112.3	-13.7	16	132.3	-13.7	16	152.3	-13.7	16	172.3	-13.7	16	192.3	-13.7	16
212.3	-13.7	16	232.3	-13.7	16	252.3	-13.7	16	272.3	-13.7	16	292.3	-13.7	16
312.3	-13.7	16	332.3	-13.7	16	352.3	-13.7	16	372.3	-13.7	16	392.3	-13.7	16
412.3	-13.7	16	432.3	-13.7	16	452.3	-13.7	16	472.3	-13.7	16	492.3	-13.7	16
512.3	-13.7	16	532.3	-13.7	16	552.3	-13.7	16	572.3	-13.7	16	592.3	-13.7	16
612.3	-13.7	16	632.3	-13.7	16	652.3	-13.7	16	672.3	-13.7	16	692.3	-13.7	16
712.3	-13.7	16	732.3	-13.7	16	-187.8	13.7	16	-167.8	13.7	16	-147.8	13.7	16
-127.8	13.7	16	-107.8	13.7	16	-87.8	13.7	16	-67.8	13.7	16	-47.8	13.7	16
-27.8	13.7	16	-7.8	13.7	16	12.3	13.7	16	32.3	13.7	16	52.3	13.7	16
72.3	13.7	16	92.3	13.7	16	112.3	13.7	16	132.3	13.7	16	152.3	13.7	16
172.3	13.7	16	192.3	13.7	16	212.3	13.7	16	232.3	13.7	16	252.3	13.7	16
272.3	13.7	16	292.3	13.7	16	312.3	13.7	16	332.3	13.7	16	352.3	13.7	16
372.3	13.7	16	392.3	13.7	16	412.3	13.7	16	432.3	13.7	16	452.3	13.7	16
472.3	13.7	16	492.3	13.7	16	512.3	13.7	16	532.3	13.7	16	552.3	13.7	16
572.3	13.7	16	592.3	13.7	16	612.3	13.7	16	632.3	13.7	16	652.3	13.7	16
672.3	13.7	16	692.3	13.7	16	712.3	13.7	16	732.3	13.7	16			

Sezione a quota -274

Coordinate dei vertici

X	Y
-200.0	20.0
-200.0	67.3
-160.0	67.3
-160.0	20.0
700.0	20.0
700.0	67.3
750.0	67.3
750.0	20.0
750.0	-20.0
-200.0	-20.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-187.8	-13.7	16	-167.8	-13.7	16	-147.8	-13.7	16	-127.8	-13.7	16	-107.8	-13.7	16
-87.8	-13.7	16	-67.8	-13.7	16	-47.8	-13.7	16	-27.8	-13.7	16	-7.8	-13.7	16
12.3	-13.7	16	32.3	-13.7	16	52.3	-13.7	16	72.3	-13.7	16	92.3	-13.7	16
112.3	-13.7	16	132.3	-13.7	16	152.3	-13.7	16	172.3	-13.7	16	192.3	-13.7	16
212.3	-13.7	16	232.3	-13.7	16	252.3	-13.7	16	272.3	-13.7	16	292.3	-13.7	16
312.3	-13.7	16	332.3	-13.7	16	352.3	-13.7	16	372.3	-13.7	16	392.3	-13.7	16
412.3	-13.7	16	432.3	-13.7	16	452.3	-13.7	16	472.3	-13.7	16	492.3	-13.7	16
512.3	-13.7	16	532.3	-13.7	16	552.3	-13.7	16	572.3	-13.7	16	592.3	-13.7	16
612.3	-13.7	16	632.3	-13.7	16	652.3	-13.7	16	672.3	-13.7	16	692.3	-13.7	16
712.3	-13.7	16	732.3	-13.7	16	-187.8	13.7	16	-167.8	13.7	16	-147.8	13.7	16
-127.8	13.7	16	-107.8	13.7	16	-87.8	13.7	16	-67.8	13.7	16	-47.8	13.7	16
-27.8	13.7	16	-7.8	13.7	16	12.3	13.7	16	32.3	13.7	16	52.3	13.7	16
72.3	13.7	16	92.3	13.7	16	112.3	13.7	16	132.3	13.7	16	152.3	13.7	16
172.3	13.7	16	192.3	13.7	16	212.3	13.7	16	232.3	13.7	16	252.3	13.7	16
272.3	13.7	16	292.3	13.7	16	312.3	13.7	16	332.3	13.7	16	352.3	13.7	16
372.3	13.7	16	392.3	13.7	16	412.3	13.7	16	432.3	13.7	16	452.3	13.7	16
472.3	13.7	16	492.3	13.7	16	512.3	13.7	16	532.3	13.7	16	552.3	13.7	16
572.3	13.7	16	592.3	13.7	16	612.3	13.7	16	632.3	13.7	16	652.3	13.7	16
672.3	13.7	16	692.3	13.7	16	712.3	13.7	16	732.3	13.7	16			

Sezione a quota -140

Coordinate dei vertici

X	Y
-200.0	-20.0
-200.0	20.0
750.0	20.0
750.0	-20.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-187.8	-13.7	16	-167.8	-13.7	16	-147.8	-13.7	16	-127.8	-13.7	16	-107.8	-13.7	16
-87.8	-13.7	16	-67.8	-13.7	16	-47.8	-13.7	16	-27.8	-13.7	16	-7.8	-13.7	16
12.3	-13.7	16	32.3	-13.7	16	52.3	-13.7	16	72.3	-13.7	16	92.3	-13.7	16
112.3	-13.7	16	132.3	-13.7	16	152.3	-13.7	16	172.3	-13.7	16	192.3	-13.7	16
212.3	-13.7	16	232.3	-13.7	16	252.3	-13.7	16	272.3	-13.7	16	292.3	-13.7	16
312.3	-13.7	16	332.3	-13.7	16	352.3	-13.7	16	372.3	-13.7	16	392.3	-13.7	16
412.3	-13.7	16	432.3	-13.7	16	452.3	-13.7	16	472.3	-13.7	16	492.3	-13.7	16
512.3	-13.7	16	532.3	-13.7	16	552.3	-13.7	16	572.3	-13.7	16	592.3	-13.7	16
612.3	-13.7	16	632.3	-13.7	16	652.3	-13.7	16	672.3	-13.7	16	692.3	-13.7	16
712.3	-13.7	16	732.3	-13.7	16	-187.8	13.7	16	-167.8	13.7	16	-147.8	13.7	16
-127.8	13.7	16	-107.8	13.7	16	-87.8	13.7	16	-67.8	13.7	16	-47.8	13.7	16
-27.8	13.7	16	-7.8	13.7	16	12.3	13.7	16	32.3	13.7	16	52.3	13.7	16
72.3	13.7	16	92.3	13.7	16	112.3	13.7	16	132.3	13.7	16	152.3	13.7	16
172.3	13.7	16	192.3	13.7	16	212.3	13.7	16	232.3	13.7	16	252.3	13.7	16
272.3	13.7	16	292.3	13.7	16	312.3	13.7	16	332.3	13.7	16	352.3	13.7	16
372.3	13.7	16	392.3	13.7	16	412.3	13.7	16	432.3	13.7	16	452.3	13.7	16
472.3	13.7	16	492.3	13.7	16	512.3	13.7	16	532.3	13.7	16	552.3	13.7	16
572.3	13.7	16	592.3	13.7	16	612.3	13.7	16	632.3	13.7	16	652.3	13.7	16
672.3	13.7	16	692.3	13.7	16	712.3	13.7	16	732.3	13.7	16	703.6	-10.3	20
703.6	10.3	20												

Sezione a quota -6

Coordinate dei vertici

X	Y
-200.0	-20.0
-200.0	20.0
750.0	20.0
750.0	-20.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø

-187.8	-13.7	16	-167.8	-13.7	16	-147.8	-13.7	16	-127.8	-13.7	16	-107.8	-13.7	16
-87.8	-13.7	16	-67.8	-13.7	16	-47.8	-13.7	16	-27.8	-13.7	16	-7.8	-13.7	16
12.3	-13.7	16	32.3	-13.7	16	52.3	-13.7	16	72.3	-13.7	16	92.3	-13.7	16
112.3	-13.7	16	132.3	-13.7	16	152.3	-13.7	16	172.3	-13.7	16	192.3	-13.7	16
212.3	-13.7	16	232.3	-13.7	16	252.3	-13.7	16	272.3	-13.7	16	292.3	-13.7	16
312.3	-13.7	16	332.3	-13.7	16	352.3	-13.7	16	372.3	-13.7	16	392.3	-13.7	16
412.3	-13.7	16	432.3	-13.7	16	452.3	-13.7	16	472.3	-13.7	16	492.3	-13.7	16
512.3	-13.7	16	532.3	-13.7	16	552.3	-13.7	16	572.3	-13.7	16	592.3	-13.7	16
612.3	-13.7	16	632.3	-13.7	16	652.3	-13.7	16	672.3	-13.7	16	692.3	-13.7	16
712.3	-13.7	16	732.3	-13.7	16	-187.8	13.7	16	-167.8	13.7	16	-147.8	13.7	16
-127.8	13.7	16	-107.8	13.7	16	-87.8	13.7	16	-67.8	13.7	16	-47.8	13.7	16
-27.8	13.7	16	-7.8	13.7	16	12.3	13.7	16	32.3	13.7	16	52.3	13.7	16
72.3	13.7	16	92.3	13.7	16	112.3	13.7	16	132.3	13.7	16	152.3	13.7	16
172.3	13.7	16	192.3	13.7	16	212.3	13.7	16	232.3	13.7	16	252.3	13.7	16
272.3	13.7	16	292.3	13.7	16	312.3	13.7	16	332.3	13.7	16	352.3	13.7	16
372.3	13.7	16	392.3	13.7	16	412.3	13.7	16	432.3	13.7	16	452.3	13.7	16
472.3	13.7	16	492.3	13.7	16	512.3	13.7	16	532.3	13.7	16	552.3	13.7	16
572.3	13.7	16	592.3	13.7	16	612.3	13.7	16	632.3	13.7	16	652.3	13.7	16
672.3	13.7	16	692.3	13.7	16	712.3	13.7	16	732.3	13.7	16	703.6	-10.3	20
703.6	10.3	20												

Verifica eseguita come parete di fondazione comportamento non dissipativo
Le verifiche SLV sono state condotte con sollecitazioni derivate dalla famiglia di combinazioni 'SLV fondazioni'

fcd	fctd	Hcr	q.Hcr	hw	Lw	n.p.	hs
212	16	445	-5	445	950	2	198

Verifica a pressoflessione

quota	Mxd	Myd	Ned	Ngrav.	NReale	c.s.	comb
-399	6535894	2053840	-156876	-156876	-156876	5.0469	6 SLU
-399	4280465	4894186	-77564	-107772	-77564	6.6402	7 SLVFond
-338	794580	4702671	-144378	-144378	-144378	56.3496	7 SLU
-338	793224	-5063631	-133591	-97901	-133591	60.8998	13 SLVFond
-276	-2181451	8245347	-118163	-118163	-118163	13.1944	6 SLU
-276	-1553716	15146880	-48382	-80034	-48382	9.9211	4 SLVFond
-274	-2226657	8344162	-118163	-118163	-118163	12.8203	6 SLU
-274	-1577464	15221460	-48382	-80034	-48382	9.7375	4 SLVFond
-140	-1976512	17729350	-63210	-63210	-63210	8.5556	6 SLU
-140	-1148967	23155430	-24591	-40414	-24591	9.3705	3 SLVFond
-6	5112861	28337750	-24504	-24504	-24504	2.4130	5 SLU
-6	3699101	27750240	-11679	-13000	-11679	3.1182	8 SLVFond

Verifica compressione del diagonale

quota	epsilon	VEd	Vrcd	comb
-399	1.00	-47123	1640083	8 SLU
-399	1.00	-82563	1627530	11 SLVFond
-338	1.00	-47123	1637338	8 SLU
-338	1.00	-82785	1625528	11 SLVFond
-276	1.00	-50177	1632333	8 SLU
-276	1.00	-85303	1622818	11 SLVFond
-274	1.00	-50177	1632333	8 SLU
-274	1.00	-85303	1622818	11 SLVFond
-140	1.00	-59085	1621300	8 SLU
-140	1.00	-92762	1616004	11 SLVFond
-6	1.00	-64302	1613618	8 SLU
-6	1.00	-99444	1611552	11 SLVFond

Verifica trazione del diagonale

quota	alfaS	At	roh	rov	MEd	NEd	VEd	VRsd	comb
-399	0.00	189.0	0.0050	0.0050	1843746	-157716	-47123	598015	8 SLU
-399	0.00	189.0	0.0050	0.0050	301232	-94951	-82563	598015	11 SLVFond
-338	0.00	189.0	0.0050	0.0050	4814257	-143990	-47123	598015	8 SLU
-338	0.00	189.0	0.0050	0.0050	5565706	-84940	-82785	598015	11 SLVFond
-276	0.00	189.0	0.0050	0.0050	8083662	-118963	-50177	598015	8 SLU
-276	0.00	189.0	0.0050	0.0050	10391250	-71390	-85303	598015	11 SLVFond
-274	0.00	189.0	0.0050	0.0050	8184016	-118963	-50177	598015	8 SLU
-274	0.00	189.0	0.0050	0.0050	10561850	-71390	-85303	598015	11 SLVFond
-140	0.00	193.7	0.0050	0.0051	17571640	-63799	-59085	598015	8 SLU
-140	0.00	193.7	0.0050	0.0051	17560930	-37320	-92762	598015	11 SLVFond
-6	0.00	195.3	0.0050	0.0051	28383420	-25390	-64302	598015	8 SLU
-6	0.00	195.3	0.0050	0.0051	25039680	-15059	-99444	598015	11 SLVFond

Parete chiusura idraulica lato vasche

Parete fra le coordinate in pianta (750;-165) (-200;-165)
da quota -450 a quota -5
Valori in daN, cm
C35/45_1: rck 450
fyk 4500

Verifica di stato limite ultimo

nod	sez	B	H	Af+	Af-	c+	c-	c.s.	comb	N	M	Nu	Mu
132	o	70	40	6.0	6.0	6.3	6.3	1.541	7 SLV	12264	-313859	18903	-483788
	v	100	40	10.1	10.1	7.9	7.9	11.493	10 SLV	-4152	179716	-47723	2065537
839	o	100	40	10.1	10.1	6.3	6.3	1.385	8 SLU	13338	-735323	18475	-1018577
	v	50	40	4.0	4.0	7.9	7.9	15.432	11 SLV	-4152	-95655	-64067	-1476134
841	o	100	40	10.1	10.1	6.3	6.3	1.417	8 SLU	11025	-752533	15625	-1066544
	v	50	40	4.0	4.0	7.9	7.9	16.115	16 SLV	-2892	-77476	-46611	-1248505

Combinazione rara

nod	sez	B	H	Af+	Af-	c+	c-	sc	c	N	M	sf	c	N	M	Wk(mm)	Wlim	st	Sm(mm)	c
132	o	70	40	6.0	6.0	6.3	6.3	-9.3	1 ra	-1.47E04	8.88E04	-29.0	1 ra	-1.47E04	8.88E04	0.00	999.00	1.1	0.0	1 ra

	v	100	40	10.1	10.1	7.9	7.9	-5.5	1	ra	-8.17E03	9.01E04	11.3	1	ra	-8.17E03	9.01E04	0.00999.00	1.3	0.0	1	ra
839	o	100	40	10.1	10.1	6.3	6.3	-36.6	1	ra	1.00E04	-5.28E05	2234.4	1	ra	1.00E04	-5.28E05	0.00999.00	21.4	0.0	1	ra
	v	50	40	4.0	4.0	7.9	7.9	-10.9	1	ra	-4.50E03	-7.81E04	139.8	1	ra	-4.50E03	-7.81E04	0.00999.00	3.5	0.0	1	ra
841	o	100	40	10.1	10.1	6.3	6.3	-37.7	1	ra	8.29E03	-5.39E05	2178.3	1	ra	8.29E03	-5.39E05	0.00999.00	21.4	0.0	1	ra
	v	50	40	4.0	4.0	7.9	7.9	-11.9	1	ra	-4.96E03	-8.58E04	152.0	1	ra	-4.96E03	-8.58E04	0.00999.00	3.8	0.0	1	ra

Combinazione frequente

nod	sez	B	H	Af+	Af-	c+	c-	sc	c	N	M	sf	c	N	M	Wk(mm)	Wklim	st	Sm(mm)	c
132	o	70	40	6.0	6.0	6.3	6.3	-9.3	1 fr	-1.47E04	8.88E04	-29.0	1 fr	-1.47E04	8.88E04	0.00	0.20	1.1	0.0	1 fr
	v	100	40	10.1	10.1	7.9	7.9	-5.5	1 fr	-8.17E03	9.01E04	11.3	1 fr	-8.17E03	9.01E04	0.00	0.20	1.3	0.0	1 fr
839	o	100	40	10.1	10.1	6.3	6.3	-36.6	1 fr	1.00E04	-5.28E05	2234.4	1 fr	1.00E04	-5.28E05	0.00	0.20	21.4	0.0	1 fr
	v	50	40	4.0	4.0	7.9	7.9	-10.9	1 fr	-4.50E03	-7.81E04	139.8	1 fr	-4.50E03	-7.81E04	0.00	0.20	3.5	0.0	1 fr
841	o	100	40	10.1	10.1	6.3	6.3	-37.7	1 fr	8.29E03	-5.39E05	2178.3	1 fr	8.29E03	-5.39E05	0.00	0.20	21.4	0.0	1 fr
	v	50	40	4.0	4.0	7.9	7.9	-11.9	1 fr	-4.96E03	-8.58E04	152.0	1 fr	-4.96E03	-8.58E04	0.00	0.20	3.8	0.0	1 fr

Combinazione quasi permanente

nod	sez	B	H	Af+	Af-	c+	c-	sc	c	N	M	sf	c	N	M	Wk(mm)	Wklim	st	Sm(mm)	c
132	o	70	40	6.0	6.0	6.3	6.3	-8.5	4 q.	-1.36E04	8.02E04	-28.1	4 q.	-1.36E04	8.02E04	0.00	0.20	1.0	0.0	1 q.
	v	100	40	10.1	10.1	7.9	7.9	-4.9	4 q.	-7.55E03	8.08E04	7.9	4 q.	-7.55E03	8.08E04	0.00	0.20	1.1	0.0	1 q.
839	o	100	40	10.1	10.1	6.3	6.3	-28.2	4 q.	9.14E03	-4.11E05	1824.9	3 q.	9.63E03	-4.08E05	0.00	0.20	17.0	0.0	1 q.
	v	50	40	4.0	4.0	7.9	7.9	-8.9	4 q.	-4.05E03	-6.55E04	97.0	4 q.	-4.05E03	-6.55E04	0.00	0.20	2.8	0.0	1 q.
841	o	100	40	10.1	10.1	6.3	6.3	-28.9	4 q.	7.58E03	-4.16E05	1762.0	3 q.	8.09E03	-4.13E05	0.00	0.20	16.8	0.0	1 q.
	v	50	40	4.0	4.0	7.9	7.9	-8.6	4 q.	-4.49E03	-6.55E04	70.4	3 q.	-4.45E03	-6.51E04	0.00	0.20	2.6	0.0	1 q.

Verifica dei pannelli

Pannello : Pannello da Filo 84 a Filo 11

Sezione a quota -399
Coordinate dei vertici

X	Y
-750.0	20.0
-750.0	51.0
-700.0	51.0
-700.0	20.0
160.0	20.0
160.0	51.0
200.0	51.0
200.0	20.0
200.0	-20.0
-750.0	-20.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-737.8	-13.7	16	-717.8	-13.7	16	-697.8	-13.7	16	-677.8	-13.7	16	-657.8	-13.7	16
-637.8	-13.7	16	-617.8	-13.7	16	-597.8	-13.7	16	-577.8	-13.7	16	-557.8	-13.7	16
-537.8	-13.7	16	-517.8	-13.7	16	-497.8	-13.7	16	-477.8	-13.7	16	-457.8	-13.7	16
-437.8	-13.7	16	-417.8	-13.7	16	-397.8	-13.7	16	-377.8	-13.7	16	-357.8	-13.7	16
-337.8	-13.7	16	-317.8	-13.7	16	-297.8	-13.7	16	-277.8	-13.7	16	-257.8	-13.7	16
-237.8	-13.7	16	-217.8	-13.7	16	-197.8	-13.7	16	-177.8	-13.7	16	-157.8	-13.7	16
-137.8	-13.7	16	-117.8	-13.7	16	-97.8	-13.7	16	-77.8	-13.7	16	-57.8	-13.7	16
-37.8	-13.7	16	-17.8	-13.7	16	2.3	-13.7	16	22.3	-13.7	16	42.3	-13.7	16
62.3	-13.7	16	82.3	-13.7	16	102.3	-13.7	16	122.3	-13.7	16	142.3	-13.7	16
162.3	-13.7	16	182.3	-13.7	16	-737.8	13.7	16	-717.8	13.7	16	-697.8	13.7	16
-677.8	13.7	16	-657.8	13.7	16	-637.8	13.7	16	-617.8	13.7	16	-597.8	13.7	16
-577.8	13.7	16	-557.8	13.7	16	-537.8	13.7	16	-517.8	13.7	16	-497.8	13.7	16
-477.8	13.7	16	-457.8	13.7	16	-437.8	13.7	16	-417.8	13.7	16	-397.8	13.7	16
-377.8	13.7	16	-357.8	13.7	16	-337.8	13.7	16	-317.8	13.7	16	-297.8	13.7	16
-277.8	13.7	16	-257.8	13.7	16	-237.8	13.7	16	-217.8	13.7	16	-197.8	13.7	16
-177.8	13.7	16	-157.8	13.7	16	-137.8	13.7	16	-117.8	13.7	16	-97.8	13.7	16
-77.8	13.7	16	-57.8	13.7	16	-37.8	13.7	16	-17.8	13.7	16	2.3	13.7	16
22.3	13.7	16	42.3	13.7	16	62.3	13.7	16	82.3	13.7	16	102.3	13.7	16
122.3	13.7	16	142.3	13.7	16	162.3	13.7	16	182.3	13.7	16			

Sezione a quota -338
Coordinate dei vertici

X	Y
-750.0	20.0
-750.0	83.1
-700.0	83.1
-700.0	20.0
160.0	20.0
160.0	83.1
200.0	83.1
200.0	20.0
200.0	-20.0
-750.0	-20.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-737.8	-13.7	16	-717.8	-13.7	16	-697.8	-13.7	16	-677.8	-13.7	16	-657.8	-13.7	16
-637.8	-13.7	16	-617.8	-13.7	16	-597.8	-13.7	16	-577.8	-13.7	16	-557.8	-13.7	16
-537.8	-13.7	16	-517.8	-13.7	16	-497.8	-13.7	16	-477.8	-13.7	16	-457.8	-13.7	16
-437.8	-13.7	16	-417.8	-13.7	16	-397.8	-13.7	16	-377.8	-13.7	16	-357.8	-13.7	16
-337.8	-13.7	16	-317.8	-13.7	16	-297.8	-13.7	16	-277.8	-13.7	16	-257.8	-13.7	16
-237.8	-13.7	16	-217.8	-13.7	16	-197.8	-13.7	16	-177.8	-13.7	16	-157.8	-13.7	16
-137.8	-13.7	16	-117.8	-13.7	16	-97.8	-13.7	16	-77.8	-13.7	16	-57.8	-13.7	16
-37.8	-13.7	16	-17.8	-13.7	16	2.3	-13.7	16	22.3	-13.7	16	42.3	-13.7	16
62.3	-13.7	16	82.3	-13.7	16	102.3	-13.7	16	122.3	-13.7	16	142.3	-13.7	16
162.3	-13.7	16	182.3	-13.7	16	-737.8	13.7	16	-717.8	13.7	16	-697.8	13.7	16
-677.8	13.7	16	-657.8	13.7	16	-637.8	13.7	16	-617.8	13.7	16	-597.8	13.7	16
-577.8	13.7	16	-557.8	13.7	16	-537.8	13.7	16	-517.8	13.7	16	-497.8	13.7	16
-477.8	13.7	16	-457.8	13.7	16	-437.8	13.7	16	-417.8	13.7	16	-397.8	13.7	16
-377.8	13.7	16	-357.8	13.7	16	-337.8	13.7	16	-317.8	13.7	16	-297.8	13.7	16

-277.8	13.7	16	-257.8	13.7	16	-237.8	13.7	16	-217.8	13.7	16	-197.8	13.7	16
-177.8	13.7	16	-157.8	13.7	16	-137.8	13.7	16	-117.8	13.7	16	-97.8	13.7	16
-77.8	13.7	16	-57.8	13.7	16	-37.8	13.7	16	-17.8	13.7	16	2.3	13.7	16
22.3	13.7	16	42.3	13.7	16	62.3	13.7	16	82.3	13.7	16	102.3	13.7	16
122.3	13.7	16	142.3	13.7	16	162.3	13.7	16	182.3	13.7	16			

Sezione a quota -276

Coordinate dei vertici

X	Y
-750.0	20.0
-750.0	67.8
-700.0	67.8
-700.0	20.0
160.0	20.0
160.0	67.8
200.0	67.8
200.0	20.0
200.0	-20.0
-750.0	-20.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-737.8	-13.7	16	-717.8	-13.7	16	-697.8	-13.7	16	-677.8	-13.7	16	-657.8	-13.7	16
-637.8	-13.7	16	-617.8	-13.7	16	-597.8	-13.7	16	-577.8	-13.7	16	-557.8	-13.7	16
-537.8	-13.7	16	-517.8	-13.7	16	-497.8	-13.7	16	-477.8	-13.7	16	-457.8	-13.7	16
-437.8	-13.7	16	-417.8	-13.7	16	-397.8	-13.7	16	-377.8	-13.7	16	-357.8	-13.7	16
-337.8	-13.7	16	-317.8	-13.7	16	-297.8	-13.7	16	-277.8	-13.7	16	-257.8	-13.7	16
-237.8	-13.7	16	-217.8	-13.7	16	-197.8	-13.7	16	-177.8	-13.7	16	-157.8	-13.7	16
-137.8	-13.7	16	-117.8	-13.7	16	-97.8	-13.7	16	-77.8	-13.7	16	-57.8	-13.7	16
-37.8	-13.7	16	-17.8	-13.7	16	2.3	-13.7	16	22.3	-13.7	16	42.3	-13.7	16
62.3	-13.7	16	82.3	-13.7	16	102.3	-13.7	16	122.3	-13.7	16	142.3	-13.7	16
162.3	-13.7	16	182.3	-13.7	16	-737.8	13.7	16	-717.8	13.7	16	-697.8	13.7	16
-677.8	13.7	16	-657.8	13.7	16	-637.8	13.7	16	-617.8	13.7	16	-597.8	13.7	16
-577.8	13.7	16	-557.8	13.7	16	-537.8	13.7	16	-517.8	13.7	16	-497.8	13.7	16
-477.8	13.7	16	-457.8	13.7	16	-437.8	13.7	16	-417.8	13.7	16	-397.8	13.7	16
-377.8	13.7	16	-357.8	13.7	16	-337.8	13.7	16	-317.8	13.7	16	-297.8	13.7	16
-277.8	13.7	16	-257.8	13.7	16	-237.8	13.7	16	-217.8	13.7	16	-197.8	13.7	16
-177.8	13.7	16	-157.8	13.7	16	-137.8	13.7	16	-117.8	13.7	16	-97.8	13.7	16
-77.8	13.7	16	-57.8	13.7	16	-37.8	13.7	16	-17.8	13.7	16	2.3	13.7	16
22.3	13.7	16	42.3	13.7	16	62.3	13.7	16	82.3	13.7	16	102.3	13.7	16
122.3	13.7	16	142.3	13.7	16	162.3	13.7	16	182.3	13.7	16			

Sezione a quota -274

Coordinate dei vertici

X	Y
-750.0	20.0
-750.0	67.3
-700.0	67.3
-700.0	20.0
160.0	20.0
160.0	67.3
200.0	67.3
200.0	20.0
200.0	-20.0
190.0	-20.0
190.0	-67.3
160.0	-67.3
160.0	-20.0
40.0	-20.0
40.0	-67.3
10.0	-67.3
10.0	-20.0
-750.0	-20.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-737.8	-13.7	16	-717.8	-13.7	16	-697.8	-13.7	16	-677.8	-13.7	16	-657.8	-13.7	16
-637.8	-13.7	16	-617.8	-13.7	16	-597.8	-13.7	16	-577.8	-13.7	16	-557.8	-13.7	16
-537.8	-13.7	16	-517.8	-13.7	16	-497.8	-13.7	16	-477.8	-13.7	16	-457.8	-13.7	16
-437.8	-13.7	16	-417.8	-13.7	16	-397.8	-13.7	16	-377.8	-13.7	16	-357.8	-13.7	16
-337.8	-13.7	16	-317.8	-13.7	16	-297.8	-13.7	16	-277.8	-13.7	16	-257.8	-13.7	16
-237.8	-13.7	16	-217.8	-13.7	16	-197.8	-13.7	16	-177.8	-13.7	16	-157.8	-13.7	16
-137.8	-13.7	16	-117.8	-13.7	16	-97.8	-13.7	16	-77.8	-13.7	16	-57.8	-13.7	16
-37.8	-13.7	16	-17.8	-13.7	16	2.3	-13.7	16	22.3	-13.7	16	42.3	-13.7	16
62.3	-13.7	16	82.3	-13.7	16	102.3	-13.7	16	122.3	-13.7	16	142.3	-13.7	16
162.3	-13.7	16	182.3	-13.7	16	-737.8	13.7	16	-717.8	13.7	16	-697.8	13.7	16
-677.8	13.7	16	-657.8	13.7	16	-637.8	13.7	16	-617.8	13.7	16	-597.8	13.7	16
-577.8	13.7	16	-557.8	13.7	16	-537.8	13.7	16	-517.8	13.7	16	-497.8	13.7	16
-477.8	13.7	16	-457.8	13.7	16	-437.8	13.7	16	-417.8	13.7	16	-397.8	13.7	16
-377.8	13.7	16	-357.8	13.7	16	-337.8	13.7	16	-317.8	13.7	16	-297.8	13.7	16
-277.8	13.7	16	-257.8	13.7	16	-237.8	13.7	16	-217.8	13.7	16	-197.8	13.7	16
-177.8	13.7	16	-157.8	13.7	16	-137.8	13.7	16	-117.8	13.7	16	-97.8	13.7	16
-77.8	13.7	16	-57.8	13.7	16	-37.8	13.7	16	-17.8	13.7	16	2.3	13.7	16
22.3	13.7	16	42.3	13.7	16	62.3	13.7	16	82.3	13.7	16	102.3	13.7	16
122.3	13.7	16	142.3	13.7	16	162.3	13.7	16	182.3	13.7	16			

Sezione a quota -140

Coordinate dei vertici

X	Y
-750.0	-20.0
-750.0	20.0
200.0	20.0
200.0	-20.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-737.8	-13.7	16	-717.8	-13.7	16	-697.8	-13.7	16	-677.8	-13.7	16	-657.8	-13.7	16
-637.8	-13.7	16	-617.8	-13.7	16	-597.8	-13.7	16	-577.8	-13.7	16	-557.8	-13.7	16
-537.8	-13.7	16	-517.8	-13.7	16	-497.8	-13.7	16	-477.8	-13.7	16	-457.8	-13.7	16
-437.8	-13.7	16	-417.8	-13.7	16	-397.8	-13.7	16	-377.8	-13.7	16	-357.8	-13.7	16
-337.8	-13.7	16	-317.8	-13.7	16	-297.8	-13.7	16	-277.8	-13.7	16	-257.8	-13.7	16
-237.8	-13.7	16	-217.8	-13.7	16	-197.8	-13.7	16	-177.8	-13.7	16	-157.8	-13.7	16
-137.8	-13.7	16	-117.8	-13.7	16	-97.8	-13.7	16	-77.8	-13.7	16	-57.8	-13.7	16
-37.8	-13.7	16	-17.8	-13.7	16	2.3	-13.7	16	22.3	-13.7	16	42.3	-13.7	16
62.3	-13.7	16	82.3	-13.7	16	102.3	-13.7	16	122.3	-13.7	16	142.3	-13.7	16
162.3	-13.7	16	182.3	-13.7	16	-737.8	13.7	16	-717.8	13.7	16	-697.8	13.7	16
-677.8	13.7	16	-657.8	13.7	16	-637.8	13.7	16	-617.8	13.7	16	-597.8	13.7	16
-577.8	13.7	16	-557.8	13.7	16	-537.8	13.7	16	-517.8	13.7	16	-497.8	13.7	16
-477.8	13.7	16	-457.8	13.7	16	-437.8	13.7	16	-417.8	13.7	16	-397.8	13.7	16
-377.8	13.7	16	-357.8	13.7	16	-337.8	13.7	16	-317.8	13.7	16	-297.8	13.7	16
-277.8	13.7	16	-257.8	13.7	16	-237.8	13.7	16	-217.8	13.7	16	-197.8	13.7	16
-177.8	13.7	16	-157.8	13.7	16	-137.8	13.7	16	-117.8	13.7	16	-97.8	13.7	16
-77.8	13.7	16	-57.8	13.7	16	-37.8	13.7	16	-17.8	13.7	16	2.3	13.7	16
22.3	13.7	16	42.3	13.7	16	62.3	13.7	16	82.3	13.7	16	102.3	13.7	16
122.3	13.7	16	142.3	13.7	16	162.3	13.7	16	182.3	13.7	16			

Sezione a quota -6

Coordinate dei vertici

X	Y
-750.0	-20.0
-750.0	20.0
200.0	20.0
200.0	-20.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-737.8	-13.7	16	-717.8	-13.7	16	-697.8	-13.7	16	-677.8	-13.7	16	-657.8	-13.7	16
-637.8	-13.7	16	-617.8	-13.7	16	-597.8	-13.7	16	-577.8	-13.7	16	-557.8	-13.7	16
-537.8	-13.7	16	-517.8	-13.7	16	-497.8	-13.7	16	-477.8	-13.7	16	-457.8	-13.7	16
-437.8	-13.7	16	-417.8	-13.7	16	-397.8	-13.7	16	-377.8	-13.7	16	-357.8	-13.7	16
-337.8	-13.7	16	-317.8	-13.7	16	-297.8	-13.7	16	-277.8	-13.7	16	-257.8	-13.7	16
-237.8	-13.7	16	-217.8	-13.7	16	-197.8	-13.7	16	-177.8	-13.7	16	-157.8	-13.7	16
-137.8	-13.7	16	-117.8	-13.7	16	-97.8	-13.7	16	-77.8	-13.7	16	-57.8	-13.7	16
-37.8	-13.7	16	-17.8	-13.7	16	2.3	-13.7	16	22.3	-13.7	16	42.3	-13.7	16
62.3	-13.7	16	82.3	-13.7	16	102.3	-13.7	16	122.3	-13.7	16	142.3	-13.7	16
162.3	-13.7	16	182.3	-13.7	16	-737.8	13.7	16	-717.8	13.7	16	-697.8	13.7	16
-677.8	13.7	16	-657.8	13.7	16	-637.8	13.7	16	-617.8	13.7	16	-597.8	13.7	16
-577.8	13.7	16	-557.8	13.7	16	-537.8	13.7	16	-517.8	13.7	16	-497.8	13.7	16
-477.8	13.7	16	-457.8	13.7	16	-437.8	13.7	16	-417.8	13.7	16	-397.8	13.7	16
-377.8	13.7	16	-357.8	13.7	16	-337.8	13.7	16	-317.8	13.7	16	-297.8	13.7	16
-277.8	13.7	16	-257.8	13.7	16	-237.8	13.7	16	-217.8	13.7	16	-197.8	13.7	16
-177.8	13.7	16	-157.8	13.7	16	-137.8	13.7	16	-117.8	13.7	16	-97.8	13.7	16
-77.8	13.7	16	-57.8	13.7	16	-37.8	13.7	16	-17.8	13.7	16	2.3	13.7	16
22.3	13.7	16	42.3	13.7	16	62.3	13.7	16	82.3	13.7	16	102.3	13.7	16
122.3	13.7	16	142.3	13.7	16	162.3	13.7	16	182.3	13.7	16			

Verifica eseguita come parete di fondazione comportamento non dissipativo

Le verifiche SLV sono state condotte con sollecitazioni derivate dalla famiglia di combinazioni 'SLV fondazioni'

fcd	fctd	Hcr	q.Hcr	hw	Lw	n.p.	hs
212	16	445	-5	445	950	2	198

Verifica a pressoflessione

quota	Mxd	Myd	Ned	Ngrav.	NReale	c.s.	comb
-399	3632184	1340236	-123624	-123624	-123624	11.9337	5 SLU
-399	4143423	-2671849	-121611	-85851	-121611	8.8282	6 SLVFond
-338	-77270	6415947	-105366	-105366	-105366	64.7695	8 SLU
-338	-595004	10013560	-20012	-73528	-20012	21.4343	7 SLVFond
-276	-1809188	6730436	-89912	-89912	-89912	15.2337	6 SLU
-276	-1780942	-4823711	-104700	-63192	-104700	18.1075	6 SLVFond
-274	-1944270	6772036	-91533	-91533	-91533	14.8178	5 SLU
-274	-1625051	2083884	-86639	-63319	-86639	20.8367	6 SLVFond
-140	-1001813	11095920	-52921	-52921	-52921	21.0072	5 SLU
-140	-1096605	9630027	-46133	-36608	-46133	17.8721	6 SLVFond
-6	3932169	15581720	-18807	-18807	-18807	3.1010	8 SLU
-6	3208797	5776304	-11525	-13193	-11525	3.9338	11 SLVFond

Verifica compressione del diagonale

quota	epsilon	VEd	Vrcd	comb
-399	1.00	-43513	1633002	6 SLU
-399	1.00	-93558	1615722	7 SLVFond
-338	1.00	-44739	1629495	6 SLU
-338	1.00	-95253	1612542	7 SLVFond
-276	1.00	-37339	1626522	6 SLU
-276	1.00	-89499	1610431	7 SLVFond
-274	1.00	-46964	1626664	6 SLU
-274	1.00	-101812	1616806	3 SLVFond
-140	1.00	-32628	1619039	6 SLU
-140	1.00	-91580	1615594	3 SLVFond
-6	1.00	-24828	1612377	6 SLU
-6	1.00	-85953	1614486	3 SLVFond

Verifica trazione del diagonale

quota	alfaS	At	roh	rov	MEd	NEd	VEd	VRsd	comb
-399	0.00	189.0	0.0050	0.0050	1411337	-122308	-43513	598015	6 SLU
-399	0.00	189.0	0.0050	0.0050	1139794	-35908	-93558	598015	7 SLVFond
-338	0.00	189.0	0.0050	0.0050	6343515	-104775	-44739	598015	6 SLU

-338	0.00	189.0	0.0050	0.0050	10013560	-20012	-95253	598015	7 SLVFond
-276	0.00	189.0	0.0050	0.0050	6730436	-89912	-37339	598015	6 SLU
-276	0.00	189.0	0.0050	0.0050	14218300	-9452	-89499	598015	7 SLVFond
-274	0.00	189.0	0.0050	0.0050	6831442	-90621	-46964	598015	6 SLU
-274	0.00	189.0	0.0050	0.0050	3606632	-41327	-101812	598015	3 SLVFond
-140	0.00	189.0	0.0050	0.0050	11034410	-52494	-32628	598015	6 SLU
-140	0.00	189.0	0.0050	0.0050	15149640	-35271	-91580	598015	3 SLVFond
-6	0.00	189.0	0.0040	0.0050	16055120	-19186	-24828	478412	6 SLU
-6	0.00	189.0	0.0040	0.0050	28494930	-29730	-85953	478412	3 SLVFond

Parete chiusura idraulica O

Parete fra le coordinate in pianta (-180;-145) (-180;-375)
da quota -450 a quota 100
Valori in daN, cm
C35/45_1: rck 450
fyk 4500

Verifica di stato limite ultimo

nod	sez	B	H	Af+	Af-	c+	c-	c.s.	comb	N	M	Nu	Mu
771	o	100	40	10.1	10.1	6.3	6.3	11.532	7 SLU	-49555	377112	-571490	4349017
	v	100	40	10.1	10.1	7.9	7.9	3.594	1 SLV	8065	-242381	28985	-871069
829	o	70	40	6.0	6.0	6.3	6.3	4.958	1 SLV	-350	168208	-1735	834038
	v	100	40	10.1	10.1	7.9	7.9	2.314	14 SLV	-10860	747643	-25132	1730161

Combinazione rara

nod	sez	B	H	Af+	Af-	c+	c-	sc	c	N	M	sf	c	N	M	Wk(mm)	Wlim	st	Sm(mm)	c
771	o	100	40	10.1	10.1	6.3	6.3	-18.2	1 ra	-3.70E04	2.82E05	-29.3	1 ra	-3.70E04	2.82E05	0.00	999.00	1.2	0.0	1 ra
	v	100	40	10.1	10.1	7.9	7.9	-13.6	1 ra	-1.89E03	-1.72E05	485.8	1 ra	-1.89E03	-1.72E05	0.00	999.00	5.8	0.0	1 ra
829	o	70	40	6.0	6.0	6.3	6.3	-21.1	1 ra	-1.42E04	2.31E05	233.8	1 ra	-1.42E04	2.31E05	0.00	999.00	7.0	0.0	1 ra
	v	100	40	10.1	10.1	7.9	7.9	-44.3	1 ra	-2.36E04	6.08E05	911.8	1 ra	-2.36E04	6.08E05	0.00	999.00	16.4	0.0	1 ra

Combinazione frequente

nod	sez	B	H	Af+	Af-	c+	c-	sc	c	N	M	sf	c	N	M	Wk(mm)	Wklim	st	Sm(mm)	c
771	o	100	40	10.1	10.1	6.3	6.3	-18.2	1 fr	-3.70E04	2.82E05	-29.3	1 fr	-3.70E04	2.82E05	0.00	0.20	1.2	0.0	1 fr
	v	100	40	10.1	10.1	7.9	7.9	-13.6	1 fr	-1.89E03	-1.72E05	485.8	1 fr	-1.89E03	-1.72E05	0.00	0.20	5.8	0.0	1 fr
829	o	70	40	6.0	6.0	6.3	6.3	-21.1	1 fr	-1.42E04	2.31E05	233.8	1 fr	-1.42E04	2.31E05	0.00	0.20	7.0	0.0	1 fr
	v	100	40	10.1	10.1	7.9	7.9	-44.3	1 fr	-2.36E04	6.08E05	911.8	1 fr	-2.36E04	6.08E05	0.00	0.20	16.4	0.0	1 fr

Combinazione quasi permanente

nod	sez	B	H	Af+	Af-	c+	c-	sc	c	N	M	sf	c	N	M	Wk(mm)	Wklim	st	Sm(mm)	c
771	o	100	40	10.1	10.1	6.3	6.3	-17.0	3 q.	-3.37E04	2.67E05	-24.3	4 q.	-3.38E04	2.64E05	0.00	0.20	1.5	0.0	1 q.
	v	100	40	10.1	10.1	7.9	7.9	-12.5	4 q.	-1.33E03	-1.57E05	466.4	4 q.	-1.33E03	-1.57E05	0.00	0.20	5.4	0.0	1 q.
829	o	70	40	6.0	6.0	6.3	6.3	-19.4	4 q.	-1.31E04	2.12E05	213.9	3 q.	-1.30E04	2.11E05	0.00	0.20	6.4	0.0	1 q.
	v	100	40	10.1	10.1	7.9	7.9	-40.3	4 q.	-2.12E04	5.53E05	839.0	4 q.	-2.12E04	5.53E05	0.00	0.20	14.9	0.0	1 q.

Verifica dei pannelli

Pannello : Pannello da Filo 11 a Filo 7

Sezione a quota -399
Coordinate dei vertici

X	Y
145.0	20.0
145.0	51.0
185.0	51.0
185.0	20.0
335.0	20.0
335.0	51.0
375.0	51.0
375.0	20.0
375.0	-20.0
145.0	-20.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
162.8	-13.7	16	182.8	-13.7	16	202.8	-13.7	16	222.8	-13.7	16	242.8	-13.7	16
262.8	-13.7	16	282.8	-13.7	16	302.8	-13.7	16	322.8	-13.7	16	342.8	-13.7	16
362.8	-13.7	16	162.8	13.7	16	182.8	13.7	16	202.8	13.7	16	222.8	13.7	16
242.8	13.7	16	262.8	13.7	16	282.8	13.7	16	302.8	13.7	16	322.8	13.7	16
342.8	13.7	16	362.8	13.7	16									

Sezione a quota -338
Coordinate dei vertici

X	Y
145.0	20.0
145.0	83.1
185.0	83.1
185.0	20.0
335.0	20.0
335.0	83.1
375.0	83.1
375.0	20.0
375.0	-20.0
145.0	-20.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
162.8	-13.7	16	182.8	-13.7	16	202.8	-13.7	16	222.8	-13.7	16	242.8	-13.7	16
262.8	-13.7	16	282.8	-13.7	16	302.8	-13.7	16	322.8	-13.7	16	342.8	-13.7	16
362.8	-13.7	16	162.8	13.7	16	182.8	13.7	16	202.8	13.7	16	222.8	13.7	16
242.8	13.7	16	262.8	13.7	16	282.8	13.7	16	302.8	13.7	16	322.8	13.7	16
342.8	13.7	16	362.8	13.7	16									

Sezione a quota -276
Coordinate dei vertici

X	Y
145.0	20.0
145.0	67.8
185.0	67.8
185.0	20.0
335.0	20.0
335.0	67.8
375.0	67.8
375.0	20.0
375.0	-20.0
145.0	-20.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
162.8	-13.7	16	182.8	-13.7	16	202.8	-13.7	16	222.8	-13.7	16	242.8	-13.7	16
262.8	-13.7	16	282.8	-13.7	16	302.8	-13.7	16	322.8	-13.7	16	342.8	-13.7	16
362.8	-13.7	16	162.8	13.7	16	182.8	13.7	16	202.8	13.7	16	222.8	13.7	16
242.8	13.7	16	262.8	13.7	16	282.8	13.7	16	302.8	13.7	16	322.8	13.7	16
342.8	13.7	16	362.8	13.7	16									

Sezione a quota -274
Coordinate dei vertici

X	Y
145.0	20.0
145.0	67.3
185.0	67.3
185.0	20.0
335.0	20.0
335.0	67.3
375.0	67.3
375.0	20.0
375.0	-20.0
145.0	-20.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
162.8	-13.7	16	182.8	-13.7	16	202.8	-13.7	16	222.8	-13.7	16	242.8	-13.7	16
262.8	-13.7	16	282.8	-13.7	16	302.8	-13.7	16	322.8	-13.7	16	342.8	-13.7	16
362.8	-13.7	16	162.8	13.7	16	182.8	13.7	16	202.8	13.7	16	222.8	13.7	16
242.8	13.7	16	262.8	13.7	16	282.8	13.7	16	302.8	13.7	16	322.8	13.7	16
342.8	13.7	16	362.8	13.7	16									

Sezione a quota -140
Coordinate dei vertici

X	Y
145.0	-20.0
145.0	20.0
375.0	20.0
375.0	-20.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
162.8	-13.7	16	182.8	-13.7	16	202.8	-13.7	16	222.8	-13.7	16	242.8	-13.7	16
262.8	-13.7	16	282.8	-13.7	16	302.8	-13.7	16	322.8	-13.7	16	342.8	-13.7	16
362.8	-13.7	16	162.8	13.7	16	182.8	13.7	16	202.8	13.7	16	222.8	13.7	16
242.8	13.7	16	262.8	13.7	16	282.8	13.7	16	302.8	13.7	16	322.8	13.7	16
342.8	13.7	16	362.8	13.7	16	350.3	-10.3	20	350.3	10.3	20			

Sezione a quota -6
Coordinate dei vertici

X	Y
145.0	-20.0
145.0	20.0
375.0	20.0
375.0	-20.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
162.8	-13.7	16	182.8	-13.7	16	202.8	-13.7	16	222.8	-13.7	16	242.8	-13.7	16
262.8	-13.7	16	282.8	-13.7	16	302.8	-13.7	16	322.8	-13.7	16	342.8	-13.7	16
362.8	-13.7	16	162.8	13.7	16	182.8	13.7	16	202.8	13.7	16	222.8	13.7	16
242.8	13.7	16	262.8	13.7	16	282.8	13.7	16	302.8	13.7	16	322.8	13.7	16
342.8	13.7	16	362.8	13.7	16	350.3	-10.3	20	350.3	10.3	20			

Verifica eseguita come parete di fondazione comportamento non dissipativo
Le verifiche SLV sono state condotte con sollecitazioni derivate dalla famiglia di combinazioni 'SLV fondazioni'

fcd	fctd	Hcr	q.Hcr	hw	Lw	n.p.	hs
212	16	445	-5	445	230	2	198

Verifica a pressoflessione

quota	Mxd	Myd	Ned	Ngrav.	NReale	c.s.	comb
-399	340054	216153	-21231	-21231	-21231	74.4756	8 SLU
-399	225919	405846	-11076	-14829	-11076	93.4644	11 SLVFond
-338	29216	293583	-25017	-25017	-25017	79.8702	7 SLU
-338	26880	807373	-16999	-17206	-16999	79.6457	10 SLVFond
-276	-39401	-305653	-24102	-24102	-24102	70.2781	6 SLU
-276	-111983	-1648069	-13598	-16673	-13598	21.3190	7 SLVFond
-274	94065	1498150	-44241	-44241	-44241	37.5896	5 SLU
-274	142813	2422758	-35492	-30146	-35492	31.3154	10 SLVFond

-140	39177	-850326	-61593	-61593	-61593	28.1811 7 SLU
-140	32393	-288898	-54986	-42036	-54986	31.5671 13 SLVFond
-6	-615286	-3191583	-74870	-74870	-74870	11.4147 5 SLU
-6	-622785	-3963918	-49991	-51418	-49991	8.7617 5 SLVFond

Verifica compressione del diagonale

quota	epsilon	VEd	Vrcd	comb
-399	1.00	7577	393686	6 SLU
-399	1.00	24446	391729	7 SLVFond
-338	1.00	8622	394448	6 SLU
-338	1.00	23637	392919	7 SLVFond
-276	1.00	4132	394256	6 SLU
-276	1.00	22225	392156	7 SLVFond
-274	1.00	25525	398284	5 SLU
-274	1.00	25068	396192	6 SLVFond
-140	1.00	22697	401682	5 SLU
-140	1.00	34817	398100	6 SLVFond
-6	1.00	26720	404410	5 SLU
-6	1.00	38744	399332	6 SLVFond

Verifica trazione del diagonale

quota	alfaS	At	roh	rov	MEd	NEd	VEd	VRsd	comb
-399	0.00	44.2	0.0050	0.0048	216753	-21249	7577	144783	6 SLU
-399	0.00	44.2	0.0050	0.0048	426861	-11466	24446	144783	7 SLVFond
-338	0.00	44.2	0.0050	0.0048	272069	-25062	8622	144783	6 SLU
-338	0.00	44.2	0.0050	0.0048	-390457	-17413	23637	144783	7 SLVFond
-276	0.00	44.2	0.0050	0.0048	-305653	-24102	4132	144783	6 SLU
-276	0.00	44.2	0.0050	0.0048	-1648069	-13598	22225	144783	7 SLVFond
-274	0.00	44.2	0.0050	0.0048	1498150	-44241	25525	144783	5 SLU
-274	0.00	44.2	0.0050	0.0048	2291240	-33781	25068	144783	6 SLVFond
-140	0.00	45.5	0.0050	0.0049	-849886	-61228	22697	144783	5 SLU
-140	0.00	45.5	0.0050	0.0049	-344027	-43318	34817	144783	6 SLVFond
-6	0.00	50.5	0.0050	0.0055	-3191583	-74870	26720	144783	5 SLU
-6	0.00	50.5	0.0050	0.0055	-3927133	-49480	38744	144783	6 SLVFond

Parete E

Parete fra le coordinate in pianta (725;-895) (725;945)
da quota -155 a quota 1300
Valori in daN, cm
C35/45_1: rck 450
fyk 4500

Verifica di stato limite ultimo

nod	sez	B	H	Af+	Af-	c+	c-	c.s.	comb	N	M	Nu	Mu
919	o	60	50	28.3	28.3	6.5	6.5	1.031	2 SLV	-14614	-4484956	-15065	-4623468
	v	120	50	18.8	18.8	8.5	8.5	4.522	6 SLV	13709	-395844	61996	-1790054
1610	o	120	50	40.8	40.8	6.5	6.5	1.020	1 SLV	-19119	-6634689	-19495	-6765352
	v	120	50	18.8	18.8	8.5	8.5	2.063	2 SLV	454	-1468929	937	-3029746
1670	o	120	50	37.7	37.7	6.5	6.5	1.052	1 SLV	-19774	-6014857	-20809	-6329751
	v	120	50	18.8	18.8	8.5	8.5	4.799	2 SLV	1978	-595812	9492	-2859369
3110	o	120	50	18.8	18.8	6.5	6.5	3.542	3 SLV	-6200	1000729	-21958	3544485
	v	120	50	18.8	18.8	8.5	8.5	1.200	15 SLV	68040	-1151379	81643	-1381578

Combinazione rara

nod	sez	B	H	Af+	Af-	c+	c-	sc	c	N	M	sf	c	N	M	Wk(mm)	Wlim	st	Sm(mm)	c
919	o	60	50	28.3	28.3	6.5	6.5	-93.6	1 ra	-6.37E04	-2.28E06	1146.7	1 ra	-6.37E04	-2.28E06	0.04	999.00	0.0	127.4	1 ra
	v	120	50	18.8	18.8	8.5	8.5	-12.0	1 ra	-6.07E03	3.38E05	320.9	1 ra	-6.07E03	3.38E05	0.00	999.00	5.5	0.0	1 ra
1610	o	120	50	40.8	40.8	6.5	6.5	-66.5	1 ra	-3.41E04	-2.94E06	1493.1	1 ra	-3.41E04	-2.94E06	0.13	999.00	0.0	321.4	1 ra
	v	120	50	18.8	18.8	8.5	8.5	-23.0	1 ra	-8.82E03	-6.44E05	682.8	1 ra	-8.82E03	-6.44E05	0.00	999.00	10.9	0.0	1 ra
1670	o	120	50	37.7	37.7	6.5	6.5	-60.9	1 ra	-3.76E04	-2.56E06	1313.1	1 ra	-3.76E04	-2.56E06	0.04	999.00	0.0	122.4	1 ra
	v	120	50	18.8	18.8	8.5	8.5	-8.1	1 ra	-4.65E03	-2.29E05	204.7	1 ra	-4.65E03	-2.29E05	0.00	999.00	3.6	0.0	1 ra
3110	o	120	50	18.8	18.8	6.5	6.5	-13.9	1 ra	-7.29E04	1.61E05	-135.7	1 ra	-7.29E04	1.61E05	0.00	999.00	0.0	0.0	1 ra
	v	120	50	18.8	18.8	8.5	8.5	-37.4	1 ra	1.17E04	1.07E06	1841.6	1 ra	1.17E04	1.07E06	0.00	999.00	22.2	0.0	1 ra

Combinazione frequente

nod	sez	B	H	Af+	Af-	c+	c-	sc	c	N	M	sf	c	N	M	Wk(mm)	Wklim	st	Sm(mm)	c
919	o	60	50	28.3	28.3	6.5	6.5	-93.6	1 fr	-6.37E04	-2.28E06	1146.7	1 fr	-6.37E04	-2.28E06	0.04	0.20	0.0	127.4	1 fr
	v	120	50	18.8	18.8	8.5	8.5	-12.0	1 fr	-6.07E03	3.38E05	320.9	1 fr	-6.07E03	3.38E05	0.00	0.20	5.5	0.0	1 fr
1610	o	120	50	40.8	40.8	6.5	6.5	-66.5	1 fr	-3.41E04	-2.94E06	1493.1	1 fr	-3.41E04	-2.94E06	0.13	0.20	0.0	321.4	1 fr
	v	120	50	18.8	18.8	8.5	8.5	-23.0	1 fr	-8.82E03	-6.44E05	682.8	1 fr	-8.82E03	-6.44E05	0.00	0.20	10.9	0.0	1 fr
1670	o	120	50	37.7	37.7	6.5	6.5	-60.9	1 fr	-3.76E04	-2.56E06	1313.1	1 fr	-3.76E04	-2.56E06	0.04	0.20	0.0	122.4	1 fr
	v	120	50	18.8	18.8	8.5	8.5	-8.1	1 fr	-4.65E03	-2.29E05	204.7	1 fr	-4.65E03	-2.29E05	0.00	0.20	3.6	0.0	1 fr
3110	o	120	50	18.8	18.8	6.5	6.5	-13.9	1 fr	-7.29E04	1.61E05	-135.7	1 fr	-7.29E04	1.61E05	0.00	0.20	0.0	0.0	1 fr
	v	120	50	18.8	18.8	8.5	8.5	-37.4	1 fr	1.17E04	1.07E06	1841.6	1 fr	1.17E04	1.07E06	0.00	0.20	22.2	0.0	1 fr

Combinazione quasi permanente

nod	sez	B	H	Af+	Af-	c+	c-	sc	c	N	M	sf	c	N	M	Wk(mm)	Wklim	st	Sm(mm)	c
919	o	60	50	28.3	28.3	6.5	6.5	-79.9	3 q.	-5.60E04	-1.94E06	953.0	3 q.	-5.60E04	-1.94E06	0.03	0.20	0.0	126.8	3 q.
	v	120	50	18.8	18.8	8.5	8.5	-10.0	4 q.	-4.87E03	2.82E05	273.8	4 q.	-4.87E03	2.82E05	0.00	0.20	4.6	0.0	1 q.
1610	o	120	50	40.8	40.8	6.5	6.5	-58.2	3 q.	-3.03E04	-2.57E06	1300.4	3 q.	-3.03E04	-2.57E06	0.11	0.20	0.0	321.3	3 q.
	v	120	50	18.8	18.8	8.5	8.5	-19.8	3 q.	-7.89E03	-5.55E05	580.2	3 q.	-7.89E03	-5.55E05	0.00	0.20	9.3	0.0	1 q.
1670	o	120	50	37.7	37.7	6.5	6.5	-52.8	3 q.	-3.33E04	-2.22E06	1130.2	3 q.	-3.33E04	-2.22E06	0.04	0.20	0.0	122.1	3 q.
	v	120	50	18.8	18.8	8.5	8.5	-6.8	3 q.	-3.98E03	-1.92E05	170.1	3 q.	-3.98E03	-1.92E05	0.00	0.20	3.0	0.0	1 q.
3110	o	120	50	18.8	18.8	6.5	6.5	-13.5	3 q.	-6.87E04	-1.73E05	-131.6	4 q.	-6.84E04	1.29E05	0.00	0.20	0.0	0.0	1 q.
	v	120	50	18.8	18.8	8.5	8.5	-29.0	4 q.	1.19E04	8.37E05	1519.0	4 q.	1.19E04	8.37E05	0.00	0.20	17.9	0.0	1 q.

Verifica dei pannelli

Pannello : Pannello da Filo 19 a Filo 5

Sezione a quota -4
Coordinate dei vertici

X	Y
-895.0	-25.0
-895.0	25.0
5.0	25.0
5.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-875.0	-18.5	20	-855.0	-18.5	20	-835.0	-18.5	20	-815.0	-18.5	20	-795.0	-18.5	20
-775.0	-18.5	20	-755.0	-18.5	20	-735.0	-18.5	20	-715.0	-18.5	20	-695.0	-18.5	20
-675.0	-18.5	20	-655.0	-18.5	20	-635.0	-18.5	20	-615.0	-18.5	20	-595.0	-18.5	20
-575.0	-18.5	20	-555.0	-18.5	20	-535.0	-18.5	20	-515.0	-18.5	20	-495.0	-18.5	20
-475.0	-18.5	20	-455.0	-18.5	20	-435.0	-18.5	20	-415.0	-18.5	20	-395.0	-18.5	20
-375.0	-18.5	20	-355.0	-18.5	20	-335.0	-18.5	20	-315.0	-18.5	20	-295.0	-18.5	20
-275.0	-18.5	20	-255.0	-18.5	20	-235.0	-18.5	20	-215.0	-18.5	20	-195.0	-18.5	20
-175.0	-18.5	20	-155.0	-18.5	20	-135.0	-18.5	20	-115.0	-18.5	20	-95.0	-18.5	20
-75.0	-18.5	20	-55.0	-18.5	20	-35.0	-18.5	20	-15.0	-18.5	20	-875.0	18.5	20
-855.0	18.5	20	-835.0	18.5	20	-815.0	18.5	20	-795.0	18.5	20	-775.0	18.5	20
-755.0	18.5	20	-735.0	18.5	20	-715.0	18.5	20	-695.0	18.5	20	-675.0	18.5	20
-655.0	18.5	20	-635.0	18.5	20	-615.0	18.5	20	-595.0	18.5	20	-575.0	18.5	20
-555.0	18.5	20	-535.0	18.5	20	-515.0	18.5	20	-495.0	18.5	20	-475.0	18.5	20
-455.0	18.5	20	-435.0	18.5	20	-415.0	18.5	20	-395.0	18.5	20	-375.0	18.5	20
-355.0	18.5	20	-335.0	18.5	20	-315.0	18.5	20	-295.0	18.5	20	-275.0	18.5	20
-255.0	18.5	20	-235.0	18.5	20	-215.0	18.5	20	-195.0	18.5	20	-175.0	18.5	20
-155.0	18.5	20	-135.0	18.5	20	-115.0	18.5	20	-95.0	18.5	20	-75.0	18.5	20
-55.0	18.5	20	-35.0	18.5	20	-15.0	18.5	20	-2.5	-18.5	20	-2.5	18.5	20
-47.0	-18.5	20	-47.0	18.5	20	-100.9	-18.5	20	-100.9	18.5	20	-15.0	-18.5	20
-15.0	18.5	20	-26.7	-18.5	20	-26.7	18.5	20	-429.7	-18.5	20	-429.7	18.5	20
-63.4	-18.5	20	-63.4	18.5	20	-875.0	-18.5	20	-875.0	18.5	20	-855.0	-18.5	20
-855.0	18.5	20	-835.0	-18.5	20	-835.0	18.5	20	-815.0	-18.5	20	-815.0	18.5	20
-795.0	-18.5	20	-795.0	18.5	20	-775.0	-18.5	20	-775.0	18.5	20	-755.0	-18.5	20
-755.0	18.5	20	-735.0	-18.5	20	-735.0	18.5	20	-715.0	-18.5	20	-715.0	18.5	20
-695.0	-18.5	20	-695.0	18.5	20	-675.0	-18.5	20	-675.0	18.5	20	-655.0	-18.5	20
-655.0	18.5	20	-635.0	-18.5	20	-635.0	18.5	20	-615.0	-18.5	20	-615.0	18.5	20
-595.0	-18.5	20	-595.0	18.5	20	-575.0	-18.5	20	-575.0	18.5	20	-555.0	-18.5	20
-555.0	18.5	20	-535.0	-18.5	20	-535.0	18.5	20	-515.0	-18.5	20	-515.0	18.5	20
-495.0	-18.5	20	-495.0	18.5	20	-475.0	-18.5	20	-475.0	18.5	20	-455.0	-18.5	20
-455.0	18.5	20	-435.0	-18.5	20	-435.0	18.5	20	-415.0	-18.5	20	-415.0	18.5	20
-395.0	-18.5	20	-395.0	18.5	20	-375.0	-18.5	20	-375.0	18.5	20	-355.0	-18.5	20
-355.0	18.5	20	-335.0	-18.5	20	-335.0	18.5	20	-315.0	-18.5	20	-315.0	18.5	20
-295.0	-18.5	20	-295.0	18.5	20	-275.0	-18.5	20	-275.0	18.5	20	-255.0	-18.5	20
-255.0	18.5	20	-235.0	-18.5	20	-235.0	18.5	20	-215.0	-18.5	20	-215.0	18.5	20
-195.0	-18.5	20	-195.0	18.5	20	-175.0	-18.5	20	-175.0	18.5	20	-155.0	-18.5	20
-155.0	18.5	20	-135.0	-18.5	20	-135.0	18.5	20	-115.0	-18.5	20	-115.0	18.5	20
-95.0	-18.5	20	-95.0	18.5	20	-75.0	-18.5	20	-75.0	18.5	20	-55.0	-18.5	20
-55.0	18.5	20	-35.0	-18.5	20	-35.0	18.5	20	-15.0	-18.5	20	-15.0	18.5	20

Sezione a quota 51

Coordinate dei vertici

X	Y
-895.0	25.0
-375.0	25.0
-375.0	100.5
-335.0	100.5
-335.0	25.0
900.0	25.0
900.0	100.5
945.0	100.5
945.0	25.0
945.0	-25.0
-335.0	-25.0
-335.0	-100.5
-375.0	-100.5
-375.0	-25.0
-895.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-875.0	-18.5	20	-855.0	-18.5	20	-835.0	-18.5	20	-815.0	-18.5	20	-795.0	-18.5	20
-775.0	-18.5	20	-755.0	-18.5	20	-735.0	-18.5	20	-715.0	-18.5	20	-695.0	-18.5	20
-675.0	-18.5	20	-655.0	-18.5	20	-635.0	-18.5	20	-615.0	-18.5	20	-595.0	-18.5	20
-575.0	-18.5	20	-555.0	-18.5	20	-535.0	-18.5	20	-515.0	-18.5	20	-495.0	-18.5	20
-475.0	-18.5	20	-455.0	-18.5	20	-435.0	-18.5	20	-415.0	-18.5	20	-395.0	-18.5	20
-375.0	-18.5	20	-355.0	-18.5	20	-335.0	-18.5	20	-315.0	-18.5	20	-295.0	-18.5	20
-275.0	-18.5	20	-255.0	-18.5	20	-235.0	-18.5	20	-215.0	-18.5	20	-195.0	-18.5	20
-175.0	-18.5	20	-155.0	-18.5	20	-135.0	-18.5	20	-115.0	-18.5	20	-95.0	-18.5	20
-75.0	-18.5	20	-55.0	-18.5	20	-35.0	-18.5	20	-15.0	-18.5	20	-875.0	18.5	20
-855.0	18.5	20	-835.0	18.5	20	-815.0	18.5	20	-795.0	18.5	20	-775.0	18.5	20
-755.0	18.5	20	-735.0	18.5	20	-715.0	18.5	20	-695.0	18.5	20	-675.0	18.5	20
-655.0	18.5	20	-635.0	18.5	20	-615.0	18.5	20	-595.0	18.5	20	-575.0	18.5	20
-555.0	18.5	20	-535.0	18.5	20	-515.0	18.5	20	-495.0	18.5	20	-475.0	18.5	20
-455.0	18.5	20	-435.0	18.5	20	-415.0	18.5	20	-395.0	18.5	20	-375.0	18.5	20
-355.0	18.5	20	-335.0	18.5	20	-315.0	18.5	20	-295.0	18.5	20	-275.0	18.5	20
-255.0	18.5	20	-235.0	18.5	20	-215.0	18.5	20	-195.0	18.5	20	-175.0	18.5	20
-155.0	18.5	20	-135.0	18.5	20	-115.0	18.5	20	-95.0	18.5	20	-75.0	18.5	20
-55.0	18.5	20	-35.0	18.5	20	-15.0	18.5	20	-2.5	-18.5	20	-2.5	18.5	20
-47.0	-18.5	20	-47.0	18.5	20	-100.9	-18.5	20	-100.9	18.5	20	-15.0	-18.5	20
-15.0	18.5	20	-26.7	-18.5	20	-26.7	18.5	20	-429.7	-18.5	20	-429.7	18.5	20
-63.4	-18.5	20	-63.4	18.5	20	-875.0	-18.5	20	-875.0	18.5	20	-855.0	-18.5	20
-855.0	18.5	20	-835.0	-18.5	20	-835.0	18.5	20	-815.0	-18.5	20	-815.0	18.5	20
-795.0	-18.5	20	-795.0	18.5	20	-775.0	-18.5	20	-775.0	18.5	20	-755.0	-18.5	20
-755.0	18.5	20	-735.0	-18.5	20	-735.0	18.5	20	-715.0	-18.5	20	-715.0	18.5	20
-695.0	-18.5	20	-695.0	18.5	20	-675.0	-18.5	20	-675.0	18.5	20	-655.0	-18.5	20
-655.0	18.5	20	-635.0	-18.5	20	-635.0	18.5	20	-615.0	-18.5	20	-615.0	18.5	20

-595.0	-18.5	20	-595.0	18.5	20	-575.0	-18.5	20	-575.0	18.5	20	-555.0	-18.5	20
-555.0	18.5	20	-535.0	-18.5	20	-535.0	18.5	20	-515.0	-18.5	20	-515.0	18.5	20
-495.0	-18.5	20	-495.0	18.5	20	-475.0	-18.5	20	-475.0	18.5	20	-455.0	-18.5	20
-455.0	18.5	20	-435.0	-18.5	20	-435.0	18.5	20	-415.0	-18.5	20	-415.0	18.5	20
-395.0	-18.5	20	-395.0	18.5	20	-375.0	-18.5	20	-375.0	18.5	20	-355.0	-18.5	20
-355.0	18.5	20	-335.0	-18.5	20	-335.0	18.5	20	-315.0	-18.5	20	-315.0	18.5	20
-295.0	-18.5	20	-295.0	18.5	20	-275.0	-18.5	20	-275.0	18.5	20	-255.0	-18.5	20
-255.0	18.5	20	-235.0	-18.5	20	-235.0	18.5	20	-215.0	-18.5	20	-215.0	18.5	20
-195.0	-18.5	20	-195.0	18.5	20	-175.0	-18.5	20	-175.0	18.5	20	-155.0	-18.5	20
-155.0	18.5	20	-135.0	-18.5	20	-135.0	18.5	20	-115.0	-18.5	20	-115.0	18.5	20
-95.0	-18.5	20	-95.0	18.5	20	-75.0	-18.5	20	-75.0	18.5	20	-55.0	-18.5	20
-55.0	18.5	20	-35.0	-18.5	20	-35.0	18.5	20	-15.0	-18.5	20	-15.0	18.5	20

Sezione a quota 105

Coordinate dei vertici

X	Y
-895.0	25.0
-375.0	25.0
-375.0	125.0
-335.0	125.0
-335.0	25.0
900.0	25.0
900.0	125.0
945.0	125.0
945.0	25.0
945.0	-25.0
-335.0	-25.0
-335.0	-125.0
-375.0	-125.0
-375.0	-25.0
-895.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-875.0	-18.5	20	-855.0	-18.5	20	-835.0	-18.5	20	-815.0	-18.5	20	-795.0	-18.5	20
-775.0	-18.5	20	-755.0	-18.5	20	-735.0	-18.5	20	-715.0	-18.5	20	-695.0	-18.5	20
-675.0	-18.5	20	-655.0	-18.5	20	-635.0	-18.5	20	-615.0	-18.5	20	-595.0	-18.5	20
-575.0	-18.5	20	-555.0	-18.5	20	-535.0	-18.5	20	-515.0	-18.5	20	-495.0	-18.5	20
-475.0	-18.5	20	-455.0	-18.5	20	-435.0	-18.5	20	-415.0	-18.5	20	-395.0	-18.5	20
-375.0	-18.5	20	-355.0	-18.5	20	-335.0	-18.5	20	-315.0	-18.5	20	-295.0	-18.5	20
-275.0	-18.5	20	-255.0	-18.5	20	-235.0	-18.5	20	-215.0	-18.5	20	-195.0	-18.5	20
-175.0	-18.5	20	-155.0	-18.5	20	-135.0	-18.5	20	-115.0	-18.5	20	-95.0	-18.5	20
-75.0	-18.5	20	-55.0	-18.5	20	-35.0	-18.5	20	-15.0	-18.5	20	-875.0	18.5	20
-855.0	18.5	20	-835.0	18.5	20	-815.0	18.5	20	-795.0	18.5	20	-775.0	18.5	20
-755.0	18.5	20	-735.0	18.5	20	-715.0	18.5	20	-695.0	18.5	20	-675.0	18.5	20
-655.0	18.5	20	-635.0	18.5	20	-615.0	18.5	20	-595.0	18.5	20	-575.0	18.5	20
-555.0	18.5	20	-535.0	18.5	20	-515.0	18.5	20	-495.0	18.5	20	-475.0	18.5	20
-455.0	18.5	20	-435.0	18.5	20	-415.0	18.5	20	-395.0	18.5	20	-375.0	18.5	20
-355.0	18.5	20	-335.0	18.5	20	-315.0	18.5	20	-295.0	18.5	20	-275.0	18.5	20
-255.0	18.5	20	-235.0	18.5	20	-215.0	18.5	20	-195.0	18.5	20	-175.0	18.5	20
-155.0	18.5	20	-135.0	18.5	20	-115.0	18.5	20	-95.0	18.5	20	-75.0	18.5	20
-55.0	18.5	20	-35.0	18.5	20	-15.0	18.5	20	-2.5	-18.5	20	-2.5	18.5	20
-47.0	-18.5	20	-47.0	18.5	20	-100.9	-18.5	20	-100.9	18.5	20	-15.0	-18.5	20
-15.0	18.5	20	-26.7	-18.5	20	-26.7	18.5	20	-429.7	-18.5	20	-429.7	18.5	20
-63.4	-18.5	20	-63.4	18.5	20	-875.0	-18.5	20	-875.0	18.5	20	-855.0	-18.5	20
-855.0	18.5	20	-835.0	-18.5	20	-835.0	18.5	20	-815.0	-18.5	20	-815.0	18.5	20
-795.0	-18.5	20	-795.0	18.5	20	-775.0	-18.5	20	-775.0	18.5	20	-755.0	-18.5	20
-755.0	18.5	20	-735.0	-18.5	20	-735.0	18.5	20	-715.0	-18.5	20	-715.0	18.5	20
-695.0	-18.5	20	-695.0	18.5	20	-675.0	-18.5	20	-675.0	18.5	20	-655.0	-18.5	20
-655.0	18.5	20	-635.0	-18.5	20	-635.0	18.5	20	-615.0	-18.5	20	-615.0	18.5	20
-595.0	-18.5	20	-595.0	18.5	20	-575.0	-18.5	20	-575.0	18.5	20	-555.0	-18.5	20
-555.0	18.5	20	-535.0	-18.5	20	-535.0	18.5	20	-515.0	-18.5	20	-515.0	18.5	20
-495.0	-18.5	20	-495.0	18.5	20	-475.0	-18.5	20	-475.0	18.5	20	-455.0	-18.5	20
-455.0	18.5	20	-435.0	-18.5	20	-435.0	18.5	20	-415.0	-18.5	20	-415.0	18.5	20
-395.0	-18.5	20	-395.0	18.5	20	-375.0	-18.5	20	-375.0	18.5	20	-355.0	-18.5	20
-355.0	18.5	20	-335.0	-18.5	20	-335.0	18.5	20	-315.0	-18.5	20	-315.0	18.5	20
-295.0	-18.5	20	-295.0	18.5	20	-275.0	-18.5	20	-275.0	18.5	20	-255.0	-18.5	20
-255.0	18.5	20	-235.0	-18.5	20	-235.0	18.5	20	-215.0	-18.5	20	-215.0	18.5	20
-195.0	-18.5	20	-195.0	18.5	20	-175.0	-18.5	20	-175.0	18.5	20	-155.0	-18.5	20
-155.0	18.5	20	-135.0	-18.5	20	-135.0	18.5	20	-115.0	-18.5	20	-115.0	18.5	20
-95.0	-18.5	20	-95.0	18.5	20	-75.0	-18.5	20	-75.0	18.5	20	-55.0	-18.5	20
-55.0	18.5	20	-35.0	-18.5	20	-35.0	18.5	20	-15.0	-18.5	20	-15.0	18.5	20

Sezione a quota 107

Coordinate dei vertici

X	Y
-895.0	25.0
-895.0	157.0
-845.0	157.0
-845.0	25.0
900.0	25.0
900.0	157.0
945.0	157.0
945.0	25.0
945.0	-25.0
-895.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-875.0	-18.5	20	-855.0	-18.5	20	-835.0	-18.5	20	-815.0	-18.5	20	-795.0	-18.5	20
-775.0	-18.5	20	-755.0	-18.5	20	-735.0	-18.5	20	-715.0	-18.5	20	-695.0	-18.5	20
-675.0	-18.5	20	-655.0	-18.5	20	-635.0	-18.5	20	-615.0	-18.5	20	-595.0	-18.5	20
-575.0	-18.5	20	-555.0	-18.5	20	-535.0	-18.5	20	-515.0	-18.5	20	-495.0	-18.5	20
-475.0	-18.5	20	-455.0	-18.5	20	-435.0	-18.5	20	-415.0	-18.5	20	-395.0	-18.5	20

-375.0	-18.5	20	-355.0	-18.5	20	-335.0	-18.5	20	-315.0	-18.5	20	-295.0	-18.5	20
-275.0	-18.5	20	-255.0	-18.5	20	-235.0	-18.5	20	-215.0	-18.5	20	-195.0	-18.5	20
-175.0	-18.5	20	-155.0	-18.5	20	-135.0	-18.5	20	-115.0	-18.5	20	-95.0	-18.5	20
-75.0	-18.5	20	-55.0	-18.5	20	-35.0	-18.5	20	-15.0	-18.5	20	-875.0	18.5	20
-855.0	18.5	20	-835.0	18.5	20	-815.0	18.5	20	-795.0	18.5	20	-775.0	18.5	20
-755.0	18.5	20	-735.0	18.5	20	-715.0	18.5	20	-695.0	18.5	20	-675.0	18.5	20
-655.0	18.5	20	-635.0	18.5	20	-615.0	18.5	20	-595.0	18.5	20	-575.0	18.5	20
-555.0	18.5	20	-535.0	18.5	20	-515.0	18.5	20	-495.0	18.5	20	-475.0	18.5	20
-455.0	18.5	20	-435.0	18.5	20	-415.0	18.5	20	-395.0	18.5	20	-375.0	18.5	20
-355.0	18.5	20	-335.0	18.5	20	-315.0	18.5	20	-295.0	18.5	20	-275.0	18.5	20
-255.0	18.5	20	-235.0	18.5	20	-215.0	18.5	20	-195.0	18.5	20	-175.0	18.5	20
-155.0	18.5	20	-135.0	18.5	20	-115.0	18.5	20	-95.0	18.5	20	-75.0	18.5	20
-55.0	18.5	20	-35.0	18.5	20	-15.0	18.5	20	-2.5	-18.5	20	-2.5	18.5	20
-47.0	-18.5	20	-47.0	18.5	20	-100.9	-18.5	20	-100.9	18.5	20	-15.0	-18.5	20
-15.0	18.5	20	-26.7	-18.5	20	-26.7	18.5	20	-429.7	-18.5	20	-429.7	18.5	20
-63.4	-18.5	20	-63.4	18.5	20	-875.0	-18.5	20	-875.0	18.5	20	-855.0	-18.5	20
-855.0	18.5	20	-835.0	-18.5	20	-835.0	18.5	20	-815.0	-18.5	20	-815.0	18.5	20
-795.0	-18.5	20	-795.0	18.5	20	-775.0	-18.5	20	-775.0	18.5	20	-755.0	-18.5	20
-755.0	18.5	20	-735.0	-18.5	20	-735.0	18.5	20	-715.0	-18.5	20	-715.0	18.5	20
-695.0	-18.5	20	-695.0	18.5	20	-675.0	-18.5	20	-675.0	18.5	20	-655.0	-18.5	20
-655.0	18.5	20	-635.0	-18.5	20	-635.0	18.5	20	-615.0	-18.5	20	-615.0	18.5	20
-595.0	-18.5	20	-595.0	18.5	20	-575.0	-18.5	20	-575.0	18.5	20	-555.0	-18.5	20
-555.0	18.5	20	-535.0	-18.5	20	-535.0	18.5	20	-515.0	-18.5	20	-515.0	18.5	20
-495.0	-18.5	20	-495.0	18.5	20	-475.0	-18.5	20	-475.0	18.5	20	-455.0	-18.5	20
-455.0	18.5	20	-435.0	-18.5	20	-435.0	18.5	20	-415.0	-18.5	20	-415.0	18.5	20
-395.0	-18.5	20	-395.0	18.5	20	-375.0	-18.5	20	-375.0	18.5	20	-355.0	-18.5	20
-355.0	18.5	20	-335.0	-18.5	20	-335.0	18.5	20	-315.0	-18.5	20	-315.0	18.5	20
-295.0	-18.5	20	-295.0	18.5	20	-275.0	-18.5	20	-275.0	18.5	20	-255.0	-18.5	20
-255.0	18.5	20	-235.0	-18.5	20	-235.0	18.5	20	-215.0	-18.5	20	-215.0	18.5	20
-195.0	-18.5	20	-195.0	18.5	20	-175.0	-18.5	20	-175.0	18.5	20	-155.0	-18.5	20
-155.0	18.5	20	-135.0	-18.5	20	-135.0	18.5	20	-115.0	-18.5	20	-115.0	18.5	20
-95.0	-18.5	20	-95.0	18.5	20	-75.0	-18.5	20	-75.0	18.5	20	-55.0	-18.5	20
-55.0	18.5	20	-35.0	-18.5	20	-35.0	18.5	20	-15.0	-18.5	20	-15.0	18.5	20

Sezione a quota 185

Coordinate dei vertici

X	Y
-895.0	25.0
-895.0	235.0
-845.0	235.0
-845.0	25.0
900.0	25.0
900.0	235.0
945.0	235.0
945.0	25.0
945.0	-25.0
-895.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-875.0	-18.5	20	-855.0	-18.5	20	-835.0	-18.5	20	-815.0	-18.5	20	-795.0	-18.5	20
-775.0	-18.5	20	-755.0	-18.5	20	-735.0	-18.5	20	-715.0	-18.5	20	-695.0	-18.5	20
-675.0	-18.5	20	-655.0	-18.5	20	-635.0	-18.5	20	-615.0	-18.5	20	-595.0	-18.5	20
-575.0	-18.5	20	-555.0	-18.5	20	-535.0	-18.5	20	-515.0	-18.5	20	-495.0	-18.5	20
-475.0	-18.5	20	-455.0	-18.5	20	-435.0	-18.5	20	-415.0	-18.5	20	-395.0	-18.5	20
-375.0	-18.5	20	-355.0	-18.5	20	-335.0	-18.5	20	-315.0	-18.5	20	-295.0	-18.5	20
-275.0	-18.5	20	-255.0	-18.5	20	-235.0	-18.5	20	-215.0	-18.5	20	-195.0	-18.5	20
-175.0	-18.5	20	-155.0	-18.5	20	-135.0	-18.5	20	-115.0	-18.5	20	-95.0	-18.5	20
-75.0	-18.5	20	-55.0	-18.5	20	-35.0	-18.5	20	-15.0	-18.5	20	-875.0	18.5	20
-855.0	18.5	20	-835.0	18.5	20	-815.0	18.5	20	-795.0	18.5	20	-775.0	18.5	20
-755.0	18.5	20	-735.0	18.5	20	-715.0	18.5	20	-695.0	18.5	20	-675.0	18.5	20
-655.0	18.5	20	-635.0	18.5	20	-615.0	18.5	20	-595.0	18.5	20	-575.0	18.5	20
-555.0	18.5	20	-535.0	18.5	20	-515.0	18.5	20	-495.0	18.5	20	-475.0	18.5	20
-455.0	18.5	20	-435.0	18.5	20	-415.0	18.5	20	-395.0	18.5	20	-375.0	18.5	20
-355.0	18.5	20	-335.0	18.5	20	-315.0	18.5	20	-295.0	18.5	20	-275.0	18.5	20
-255.0	18.5	20	-235.0	18.5	20	-215.0	18.5	20	-195.0	18.5	20	-175.0	18.5	20
-155.0	18.5	20	-135.0	18.5	20	-115.0	18.5	20	-95.0	18.5	20	-75.0	18.5	20
-55.0	18.5	20	-35.0	18.5	20	-15.0	18.5	20	-2.5	-18.5	20	-2.5	18.5	20
-47.0	-18.5	20	-47.0	18.5	20	-100.9	-18.5	20	-100.9	18.5	20	-15.0	-18.5	20
-15.0	18.5	20	-26.7	-18.5	20	-26.7	18.5	20	-429.7	-18.5	20	-429.7	18.5	20
-63.4	-18.5	20	-63.4	18.5	20	-875.0	-18.5	20	-875.0	18.5	20	-855.0	-18.5	20
-855.0	18.5	20	-835.0	-18.5	20	-835.0	18.5	20	-815.0	-18.5	20	-815.0	18.5	20
-795.0	-18.5	20	-795.0	18.5	20	-775.0	-18.5	20	-775.0	18.5	20	-755.0	-18.5	20
-755.0	18.5	20	-735.0	-18.5	20	-735.0	18.5	20	-715.0	-18.5	20	-715.0	18.5	20
-695.0	-18.5	20	-695.0	18.5	20	-675.0	-18.5	20	-675.0	18.5	20	-655.0	-18.5	20
-655.0	18.5	20	-635.0	-18.5	20	-635.0	18.5	20	-615.0	-18.5	20	-615.0	18.5	20
-595.0	-18.5	20	-595.0	18.5	20	-575.0	-18.5	20	-575.0	18.5	20	-555.0	-18.5	20
-555.0	18.5	20	-535.0	-18.5	20	-535.0	18.5	20	-515.0	-18.5	20	-515.0	18.5	20
-495.0	-18.5	20	-495.0	18.5	20	-475.0	-18.5	20	-475.0	18.5	20	-455.0	-18.5	20
-455.0	18.5	20	-435.0	-18.5	20	-435.0	18.5	20	-415.0	-18.5	20	-415.0	18.5	20
-395.0	-18.5	20	-395.0	18.5	20	-375.0	-18.5	20	-375.0	18.5	20	-355.0	-18.5	20
-355.0	18.5	20	-335.0	-18.5	20	-335.0	18.5	20	-315.0	-18.5	20	-315.0	18.5	20
-295.0	-18.5	20	-295.0	18.5	20	-275.0	-18.5	20	-275.0	18.5	20	-255.0	-18.5	20
-255.0	18.5	20	-235.0	-18.5	20	-235.0	18.5	20	-215.0	-18.5	20	-215.0	18.5	20
-195.0	-18.5	20	-195.0	18.5	20	-175.0	-18.5	20	-175.0	18.5	20	-155.0	-18.5	20
-155.0	18.5	20	-135.0	-18.5	20	-135.0	18.5	20	-115.0	-18.5	20	-115.0	18.5	20
-95.0	-18.5	20	-95.0	18.5	20	-75.0	-18.5	20	-75.0	18.5	20	-55.0	-18.5	20
-55.0	18.5	20	-35.0	-18.5	20	-35.0	18.5	20	-15.0	-18.5	20	-15.0	18.5	20

Sezione a quota 263

Coordinate dei vertici

X	Y
-895.0	25.0
-895.0	259.3

X	Y
-845.0	259.3
-845.0	25.0
900.0	25.0
900.0	259.3
945.0	259.3
945.0	25.0
945.0	-25.0
-895.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-875.0	-18.5	20	-855.0	-18.5	20	-835.0	-18.5	20	-815.0	-18.5	20	-795.0	-18.5	20
-775.0	-18.5	20	-755.0	-18.5	20	-735.0	-18.5	20	-715.0	-18.5	20	-695.0	-18.5	20
-675.0	-18.5	20	-655.0	-18.5	20	-635.0	-18.5	20	-615.0	-18.5	20	-595.0	-18.5	20
-575.0	-18.5	20	-555.0	-18.5	20	-535.0	-18.5	20	-515.0	-18.5	20	-495.0	-18.5	20
-475.0	-18.5	20	-455.0	-18.5	20	-435.0	-18.5	20	-415.0	-18.5	20	-395.0	-18.5	20
-375.0	-18.5	20	-355.0	-18.5	20	-335.0	-18.5	20	-315.0	-18.5	20	-295.0	-18.5	20
-275.0	-18.5	20	-255.0	-18.5	20	-235.0	-18.5	20	-215.0	-18.5	20	-195.0	-18.5	20
-175.0	-18.5	20	-155.0	-18.5	20	-135.0	-18.5	20	-115.0	-18.5	20	-95.0	-18.5	20
-75.0	-18.5	20	-55.0	-18.5	20	-35.0	-18.5	20	-15.0	-18.5	20	5.0	-18.5	20
25.0	-18.5	20	45.0	-18.5	20	65.0	-18.5	20	85.0	-18.5	20	105.0	-18.5	20
125.0	-18.5	20	145.0	-18.5	20	165.0	-18.5	20	185.0	-18.5	20	205.0	-18.5	20
225.0	-18.5	20	245.0	-18.5	20	265.0	-18.5	20	285.0	-18.5	20	305.0	-18.5	20
325.0	-18.5	20	345.0	-18.5	20	365.0	-18.5	20	385.0	-18.5	20	405.0	-18.5	20
425.0	-18.5	20	445.0	-18.5	20	465.0	-18.5	20	485.0	-18.5	20	505.0	-18.5	20
525.0	-18.5	20	545.0	-18.5	20	565.0	-18.5	20	585.0	-18.5	20	605.0	-18.5	20
625.0	-18.5	20	645.0	-18.5	20	665.0	-18.5	20	685.0	-18.5	20	705.0	-18.5	20
725.0	-18.5	20	745.0	-18.5	20	765.0	-18.5	20	785.0	-18.5	20	805.0	-18.5	20
825.0	-18.5	20	845.0	-18.5	20	865.0	-18.5	20	885.0	-18.5	20	905.0	-18.5	20
925.0	-18.5	20	-875.0	18.5	20	-855.0	18.5	20	-835.0	18.5	20	-815.0	18.5	20
-795.0	18.5	20	-775.0	18.5	20	-755.0	18.5	20	-735.0	18.5	20	-715.0	18.5	20
-695.0	18.5	20	-675.0	18.5	20	-655.0	18.5	20	-635.0	18.5	20	-615.0	18.5	20
-595.0	18.5	20	-575.0	18.5	20	-555.0	18.5	20	-535.0	18.5	20	-515.0	18.5	20
-495.0	18.5	20	-475.0	18.5	20	-455.0	18.5	20	-435.0	18.5	20	-415.0	18.5	20
-395.0	18.5	20	-375.0	18.5	20	-355.0	18.5	20	-335.0	18.5	20	-315.0	18.5	20
-295.0	18.5	20	-275.0	18.5	20	-255.0	18.5	20	-235.0	18.5	20	-215.0	18.5	20
-195.0	18.5	20	-175.0	18.5	20	-155.0	18.5	20	-135.0	18.5	20	-115.0	18.5	20
-95.0	18.5	20	-75.0	18.5	20	-55.0	18.5	20	-35.0	18.5	20	-15.0	18.5	20
5.0	18.5	20	25.0	18.5	20	45.0	18.5	20	65.0	18.5	20	85.0	18.5	20
105.0	18.5	20	125.0	18.5	20	145.0	18.5	20	165.0	18.5	20	185.0	18.5	20
205.0	18.5	20	225.0	18.5	20	245.0	18.5	20	265.0	18.5	20	285.0	18.5	20
305.0	18.5	20	325.0	18.5	20	345.0	18.5	20	365.0	18.5	20	385.0	18.5	20
405.0	18.5	20	425.0	18.5	20	445.0	18.5	20	465.0	18.5	20	485.0	18.5	20
505.0	18.5	20	525.0	18.5	20	545.0	18.5	20	565.0	18.5	20	585.0	18.5	20
605.0	18.5	20	625.0	18.5	20	645.0	18.5	20	665.0	18.5	20	685.0	18.5	20
705.0	18.5	20	725.0	18.5	20	745.0	18.5	20	765.0	18.5	20	785.0	18.5	20
805.0	18.5	20	825.0	18.5	20	845.0	18.5	20	865.0	18.5	20	885.0	18.5	20
905.0	18.5	20	925.0	18.5	20	-2.5	-18.5	20	-2.5	18.5	20	-47.0	-18.5	20
-47.0	18.5	20	-100.9	-18.5	20	-100.9	18.5	20	-15.0	-18.5	20	-15.0	18.5	20
-26.7	-18.5	20	-26.7	18.5	20	-429.7	-18.5	20	-429.7	18.5	20	-63.4	-18.5	20
-63.4	18.5	20	-875.0	-18.5	20	-875.0	18.5	20	-855.0	-18.5	20	-855.0	18.5	20
-835.0	-18.5	20	-835.0	18.5	20	-815.0	-18.5	20	-815.0	18.5	20	-795.0	-18.5	20
-795.0	18.5	20	-775.0	-18.5	20	-775.0	18.5	20	-755.0	-18.5	20	-755.0	18.5	20
-735.0	-18.5	20	-735.0	18.5	20	-715.0	-18.5	20	-715.0	18.5	20	-695.0	-18.5	20
-695.0	18.5	20	-675.0	-18.5	20	-675.0	18.5	20	-655.0	-18.5	20	-655.0	18.5	20
-635.0	-18.5	20	-635.0	18.5	20	-615.0	-18.5	20	-615.0	18.5	20	-595.0	-18.5	20
-595.0	18.5	20	-575.0	-18.5	20	-575.0	18.5	20	-555.0	-18.5	20	-555.0	18.5	20
-535.0	-18.5	20	-535.0	18.5	20	-515.0	-18.5	20	-515.0	18.5	20	-495.0	-18.5	20
-495.0	18.5	20	-475.0	-18.5	20	-475.0	18.5	20	-455.0	-18.5	20	-455.0	18.5	20
-435.0	-18.5	20	-435.0	18.5	20	-415.0	-18.5	20	-415.0	18.5	20	-395.0	-18.5	20
-395.0	18.5	20	-375.0	-18.5	20	-375.0	18.5	20	-355.0	-18.5	20	-355.0	18.5	20
-335.0	-18.5	20	-335.0	18.5	20	-315.0	-18.5	20	-315.0	18.5	20	-295.0	-18.5	20
-295.0	18.5	20	-275.0	-18.5	20	-275.0	18.5	20	-255.0	-18.5	20	-255.0	18.5	20
-235.0	-18.5	20	-235.0	18.5	20	-215.0	-18.5	20	-215.0	18.5	20	-195.0	-18.5	20
-195.0	18.5	20	-175.0	-18.5	20	-175.0	18.5	20	-155.0	-18.5	20	-155.0	18.5	20
-135.0	-18.5	20	-135.0	18.5	20	-115.0	-18.5	20	-115.0	18.5	20	-95.0	-18.5	20
-95.0	18.5	20	-75.0	-18.5	20	-75.0	18.5	20	-55.0	-18.5	20	-55.0	18.5	20
-35.0	-18.5	20	-35.0	18.5	20	-15.0	-18.5	20	-15.0	18.5	20			

Sezione a quota 265

Coordinate dei vertici

X	Y
-895.0	25.0
-895.0	258.8
-845.0	258.8
-845.0	25.0
900.0	25.0
900.0	258.8
945.0	258.8
945.0	25.0
945.0	-25.0
-895.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-875.0	-18.5	20	-855.0	-18.5	20	-835.0	-18.5	20	-815.0	-18.5	20	-795.0	-18.5	20
-775.0	-18.5	20	-755.0	-18.5	20	-735.0	-18.5	20	-715.0	-18.5	20	-695.0	-18.5	20
-675.0	-18.5	20	-655.0	-18.5	20	-635.0	-18.5	20	-615.0	-18.5	20	-595.0	-18.5	20
-575.0	-18.5	20	-555.0	-18.5	20	-535.0	-18.5	20	-515.0	-18.5	20	-495.0	-18.5	20
-475.0	-18.5	20	-455.0	-18.5	20	-435.0	-18.5	20	-415.0	-18.5	20	-395.0	-18.5	20
-375.0	-18.5	20	-355.0	-18.5	20	-335.0	-18.5	20	-315.0	-18.5	20	-295.0	-18.5	20
-275.0	-18.5	20	-255.0	-18.5	20	-235.0	-18.5	20	-215.0	-18.5	20	-195.0	-18.5	20
-175.0	-18.5	20	-155.0	-18.5	20	-135.0	-18.5	20	-115.0	-18.5	20	-95.0	-18.5	20
-75.0	-18.5	20	-55.0	-18.5	20	-35.0	-18.5	20	-15.0	-18.5	20	5.0	-18.5	20

25.0	-18.5	20	45.0	-18.5	20	65.0	-18.5	20	85.0	-18.5	20	105.0	-18.5	20
125.0	-18.5	20	145.0	-18.5	20	165.0	-18.5	20	185.0	-18.5	20	205.0	-18.5	20
225.0	-18.5	20	245.0	-18.5	20	265.0	-18.5	20	285.0	-18.5	20	305.0	-18.5	20
325.0	-18.5	20	345.0	-18.5	20	365.0	-18.5	20	385.0	-18.5	20	405.0	-18.5	20
425.0	-18.5	20	445.0	-18.5	20	465.0	-18.5	20	485.0	-18.5	20	505.0	-18.5	20
525.0	-18.5	20	545.0	-18.5	20	565.0	-18.5	20	585.0	-18.5	20	605.0	-18.5	20
625.0	-18.5	20	645.0	-18.5	20	665.0	-18.5	20	685.0	-18.5	20	705.0	-18.5	20
725.0	-18.5	20	745.0	-18.5	20	765.0	-18.5	20	785.0	-18.5	20	805.0	-18.5	20
825.0	-18.5	20	845.0	-18.5	20	865.0	-18.5	20	885.0	-18.5	20	905.0	-18.5	20
925.0	-18.5	20	-875.0	18.5	20	-855.0	18.5	20	-835.0	18.5	20	-815.0	18.5	20
-795.0	18.5	20	-775.0	18.5	20	-755.0	18.5	20	-735.0	18.5	20	-715.0	18.5	20
-695.0	18.5	20	-675.0	18.5	20	-655.0	18.5	20	-635.0	18.5	20	-615.0	18.5	20
-595.0	18.5	20	-575.0	18.5	20	-555.0	18.5	20	-535.0	18.5	20	-515.0	18.5	20
-495.0	18.5	20	-475.0	18.5	20	-455.0	18.5	20	-435.0	18.5	20	-415.0	18.5	20
-395.0	18.5	20	-375.0	18.5	20	-355.0	18.5	20	-335.0	18.5	20	-315.0	18.5	20
-295.0	18.5	20	-275.0	18.5	20	-255.0	18.5	20	-235.0	18.5	20	-215.0	18.5	20
-195.0	18.5	20	-175.0	18.5	20	-155.0	18.5	20	-135.0	18.5	20	-115.0	18.5	20
-95.0	18.5	20	-75.0	18.5	20	-55.0	18.5	20	-35.0	18.5	20	-15.0	18.5	20
5.0	18.5	20	25.0	18.5	20	45.0	18.5	20	65.0	18.5	20	85.0	18.5	20
105.0	18.5	20	125.0	18.5	20	145.0	18.5	20	165.0	18.5	20	185.0	18.5	20
205.0	18.5	20	225.0	18.5	20	245.0	18.5	20	265.0	18.5	20	285.0	18.5	20
305.0	18.5	20	325.0	18.5	20	345.0	18.5	20	365.0	18.5	20	385.0	18.5	20
405.0	18.5	20	425.0	18.5	20	445.0	18.5	20	465.0	18.5	20	485.0	18.5	20
505.0	18.5	20	525.0	18.5	20	545.0	18.5	20	565.0	18.5	20	585.0	18.5	20
605.0	18.5	20	625.0	18.5	20	645.0	18.5	20	665.0	18.5	20	685.0	18.5	20
705.0	18.5	20	725.0	18.5	20	745.0	18.5	20	765.0	18.5	20	785.0	18.5	20
805.0	18.5	20	825.0	18.5	20	845.0	18.5	20	865.0	18.5	20	885.0	18.5	20
905.0	18.5	20	925.0	18.5	20	-2.5	-18.5	20	-2.5	18.5	20	-47.0	-18.5	20
-47.0	18.5	20	-100.9	-18.5	20	-100.9	18.5	20	-15.0	-18.5	20	-15.0	18.5	20
-26.7	-18.5	20	-26.7	18.5	20	-429.7	-18.5	20	-429.7	18.5	20	-63.4	-18.5	20
-63.4	18.5	20	-875.0	-18.5	20	-875.0	18.5	20	-855.0	-18.5	20	-855.0	18.5	20
-835.0	-18.5	20	-835.0	18.5	20	-815.0	-18.5	20	-815.0	18.5	20	-795.0	-18.5	20
-795.0	18.5	20	-775.0	-18.5	20	-775.0	18.5	20	-755.0	-18.5	20	-755.0	18.5	20
-735.0	-18.5	20	-735.0	18.5	20	-715.0	-18.5	20	-715.0	18.5	20	-695.0	-18.5	20
-695.0	18.5	20	-675.0	-18.5	20	-675.0	18.5	20	-655.0	-18.5	20	-655.0	18.5	20
-635.0	-18.5	20	-635.0	18.5	20	-615.0	-18.5	20	-615.0	18.5	20	-595.0	-18.5	20
-595.0	18.5	20	-575.0	-18.5	20	-575.0	18.5	20	-555.0	-18.5	20	-555.0	18.5	20
-535.0	-18.5	20	-535.0	18.5	20	-515.0	-18.5	20	-515.0	18.5	20	-495.0	-18.5	20
-495.0	18.5	20	-475.0	-18.5	20	-475.0	18.5	20	-455.0	-18.5	20	-455.0	18.5	20
-435.0	-18.5	20	-435.0	18.5	20	-415.0	-18.5	20	-415.0	18.5	20	-395.0	-18.5	20
-395.0	18.5	20	-375.0	-18.5	20	-375.0	18.5	20	-355.0	-18.5	20	-355.0	18.5	20
-335.0	-18.5	20	-335.0	18.5	20	-315.0	-18.5	20	-315.0	18.5	20	-295.0	-18.5	20
-295.0	18.5	20	-275.0	-18.5	20	-275.0	18.5	20	-255.0	-18.5	20	-255.0	18.5	20
-235.0	-18.5	20	-235.0	18.5	20	-215.0	-18.5	20	-215.0	18.5	20	-195.0	-18.5	20
-195.0	18.5	20	-175.0	-18.5	20	-175.0	18.5	20	-155.0	-18.5	20	-155.0	18.5	20
-135.0	-18.5	20	-135.0	18.5	20	-115.0	-18.5	20	-115.0	18.5	20	-95.0	-18.5	20
-95.0	18.5	20	-75.0	-18.5	20	-75.0	18.5	20	-55.0	-18.5	20	-55.0	18.5	20
-35.0	-18.5	20	-35.0	18.5	20	-15.0	-18.5	20	-15.0	18.5	20			

Sezione a quota 267
Coordinate dei vertici

X	Y
-895.0	25.0
-895.0	258.3
-845.0	258.3
-845.0	25.0
900.0	25.0
900.0	258.3
945.0	258.3
945.0	25.0
945.0	-25.0
-895.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-875.0	-18.5	20	-855.0	-18.5	20	-835.0	-18.5	20	-815.0	-18.5	20	-795.0	-18.5	20
-775.0	-18.5	20	-755.0	-18.5	20	-735.0	-18.5	20	-715.0	-18.5	20	-695.0	-18.5	20
-675.0	-18.5	20	-655.0	-18.5	20	-635.0	-18.5	20	-615.0	-18.5	20	-595.0	-18.5	20
-575.0	-18.5	20	-555.0	-18.5	20	-535.0	-18.5	20	-515.0	-18.5	20	-495.0	-18.5	20
-475.0	-18.5	20	-455.0	-18.5	20	-435.0	-18.5	20	-415.0	-18.5	20	-395.0	-18.5	20
-375.0	-18.5	20	-355.0	-18.5	20	-335.0	-18.5	20	-315.0	-18.5	20	-295.0	-18.5	20
-275.0	-18.5	20	-255.0	-18.5	20	-235.0	-18.5	20	-215.0	-18.5	20	-195.0	-18.5	20
-175.0	-18.5	20	-155.0	-18.5	20	-135.0	-18.5	20	-115.0	-18.5	20	-95.0	-18.5	20
-75.0	-18.5	20	-55.0	-18.5	20	-35.0	-18.5	20	-15.0	-18.5	20	5.0	-18.5	20
25.0	-18.5	20	45.0	-18.5	20	65.0	-18.5	20	85.0	-18.5	20	105.0	-18.5	20
125.0	-18.5	20	145.0	-18.5	20	165.0	-18.5	20	185.0	-18.5	20	205.0	-18.5	20
225.0	-18.5	20	245.0	-18.5	20	265.0	-18.5	20	285.0	-18.5	20	305.0	-18.5	20
325.0	-18.5	20	345.0	-18.5	20	365.0	-18.5	20	385.0	-18.5	20	405.0	-18.5	20
425.0	-18.5	20	445.0	-18.5	20	465.0	-18.5	20	485.0	-18.5	20	505.0	-18.5	20
525.0	-18.5	20	545.0	-18.5	20	565.0	-18.5	20	585.0	-18.5	20	605.0	-18.5	20
625.0	-18.5	20	645.0	-18.5	20	665.0	-18.5	20	685.0	-18.5	20	705.0	-18.5	20
725.0	-18.5	20	745.0	-18.5	20	765.0	-18.5	20	785.0	-18.5	20	805.0	-18.5	20
825.0	-18.5	20	845.0	-18.5	20	865.0	-18.5	20	885.0	-18.5	20	905.0	-18.5	20
925.0	-18.5	20	-875.0	18.5	20	-855.0	18.5	20	-835.0	18.5	20	-815.0	18.5	20
-795.0	18.5	20	-775.0	18.5	20	-755.0	18.5	20	-735.0	18.5	20	-715.0	18.5	20
-695.0	18.5	20	-675.0	18.5	20	-655.0	18.5	20	-635.0	18.5	20	-615.0	18.5	20
-595.0	18.5	20	-575.0	18.5	20	-555.0	18.5	20	-535.0	18.5	20	-515.0	18.5	20
-495.0	18.5	20	-475.0	18.5	20	-455.0	18.5	20	-435.0	18.5	20	-415.0	18.5	20
-395.0	18.5	20	-375.0	18.5	20	-355.0	18.5	20	-335.0	18.5	20	-315.0	18.5	20
-295.0	18.5	20	-275.0	18.5	20	-255.0	18.5	20	-235.0	18.5	20	-215.0	18.5	20
-195.0	18.5	20	-175.0	18.5	20	-155.0	18.5	20	-135.0	18.5	20	-115.0	18.5	20
-95.0	18.5	20	-75.0	18.5	20	-55.0	18.5	20	-35.0	18.5	20	-15.0	18.5	20
5.0	18.5	20	25.0	18.5	20	45.0	18.5	20	65.0	18.5	20	85.0	18.5	20
105.0	18.5	20	125.0	18.5	20	145.0	18.5	20	165.0	18.5	20	185.0	18.5	20

205.0	18.5	20	225.0	18.5	20	245.0	18.5	20	265.0	18.5	20	285.0	18.5	20
305.0	18.5	20	325.0	18.5	20	345.0	18.5	20	365.0	18.5	20	385.0	18.5	20
405.0	18.5	20	425.0	18.5	20	445.0	18.5	20	465.0	18.5	20	485.0	18.5	20
505.0	18.5	20	525.0	18.5	20	545.0	18.5	20	565.0	18.5	20	585.0	18.5	20
605.0	18.5	20	625.0	18.5	20	645.0	18.5	20	665.0	18.5	20	685.0	18.5	20
705.0	18.5	20	725.0	18.5	20	745.0	18.5	20	765.0	18.5	20	785.0	18.5	20
805.0	18.5	20	825.0	18.5	20	845.0	18.5	20	865.0	18.5	20	885.0	18.5	20
905.0	18.5	20	925.0	18.5	20	-2.5	-18.5	20	-2.5	18.5	20	-47.0	-18.5	20
-47.0	18.5	20	-100.9	-18.5	20	-100.9	18.5	20	-15.0	-18.5	20	-15.0	18.5	20
-26.7	-18.5	20	-26.7	18.5	20	-429.7	-18.5	20	-429.7	18.5	20	-63.4	-18.5	20
-63.4	18.5	20	-875.0	-18.5	20	-875.0	18.5	20	-855.0	-18.5	20	-855.0	18.5	20
-835.0	-18.5	20	-835.0	18.5	20	-815.0	-18.5	20	-815.0	18.5	20	-795.0	-18.5	20
-795.0	18.5	20	-775.0	-18.5	20	-775.0	18.5	20	-755.0	-18.5	20	-755.0	18.5	20
-735.0	-18.5	20	-735.0	18.5	20	-715.0	-18.5	20	-715.0	18.5	20	-695.0	-18.5	20
-695.0	18.5	20	-675.0	-18.5	20	-675.0	18.5	20	-655.0	-18.5	20	-655.0	18.5	20
-635.0	-18.5	20	-635.0	18.5	20	-615.0	-18.5	20	-615.0	18.5	20	-595.0	-18.5	20
-595.0	18.5	20	-575.0	-18.5	20	-575.0	18.5	20	-555.0	-18.5	20	-555.0	18.5	20
-535.0	-18.5	20	-535.0	18.5	20	-515.0	-18.5	20	-515.0	18.5	20	-495.0	-18.5	20
-495.0	18.5	20	-475.0	-18.5	20	-475.0	18.5	20	-455.0	-18.5	20	-455.0	18.5	20
-435.0	-18.5	20	-435.0	18.5	20	-415.0	-18.5	20	-415.0	18.5	20	-395.0	-18.5	20
-395.0	18.5	20	-375.0	-18.5	20	-375.0	18.5	20	-355.0	-18.5	20	-355.0	18.5	20
-335.0	-18.5	20	-335.0	18.5	20	-315.0	-18.5	20	-315.0	18.5	20	-295.0	-18.5	20
-295.0	18.5	20	-275.0	-18.5	20	-275.0	18.5	20	-255.0	-18.5	20	-255.0	18.5	20
-235.0	-18.5	20	-235.0	18.5	20	-215.0	-18.5	20	-215.0	18.5	20	-195.0	-18.5	20
-195.0	18.5	20	-175.0	-18.5	20	-175.0	18.5	20	-155.0	-18.5	20	-155.0	18.5	20
-135.0	-18.5	20	-135.0	18.5	20	-115.0	-18.5	20	-115.0	18.5	20	-95.0	-18.5	20
-95.0	18.5	20	-75.0	-18.5	20	-75.0	18.5	20	-55.0	-18.5	20	-55.0	18.5	20
-35.0	-18.5	20	-35.0	18.5	20	-15.0	-18.5	20	-15.0	18.5	20			

Sezione a quota 269

Coordinate dei vertici

X	Y
-895.0	25.0
-895.0	257.8
-845.0	257.8
-845.0	25.0
900.0	25.0
900.0	257.8
945.0	257.8
945.0	25.0
945.0	-25.0
-895.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-875.0	-18.5	20	-855.0	-18.5	20	-835.0	-18.5	20	-815.0	-18.5	20	-795.0	-18.5	20
-775.0	-18.5	20	-755.0	-18.5	20	-735.0	-18.5	20	-715.0	-18.5	20	-695.0	-18.5	20
-675.0	-18.5	20	-655.0	-18.5	20	-635.0	-18.5	20	-615.0	-18.5	20	-595.0	-18.5	20
-575.0	-18.5	20	-555.0	-18.5	20	-535.0	-18.5	20	-515.0	-18.5	20	-495.0	-18.5	20
-475.0	-18.5	20	-455.0	-18.5	20	-435.0	-18.5	20	-415.0	-18.5	20	-395.0	-18.5	20
-375.0	-18.5	20	-355.0	-18.5	20	-335.0	-18.5	20	-315.0	-18.5	20	-295.0	-18.5	20
-275.0	-18.5	20	-255.0	-18.5	20	-235.0	-18.5	20	-215.0	-18.5	20	-195.0	-18.5	20
-175.0	-18.5	20	-155.0	-18.5	20	-135.0	-18.5	20	-115.0	-18.5	20	-95.0	-18.5	20
-75.0	-18.5	20	-55.0	-18.5	20	-35.0	-18.5	20	-15.0	-18.5	20	5.0	-18.5	20
25.0	-18.5	20	45.0	-18.5	20	65.0	-18.5	20	85.0	-18.5	20	105.0	-18.5	20
125.0	-18.5	20	145.0	-18.5	20	165.0	-18.5	20	185.0	-18.5	20	205.0	-18.5	20
225.0	-18.5	20	245.0	-18.5	20	265.0	-18.5	20	285.0	-18.5	20	305.0	-18.5	20
325.0	-18.5	20	345.0	-18.5	20	365.0	-18.5	20	385.0	-18.5	20	405.0	-18.5	20
425.0	-18.5	20	445.0	-18.5	20	465.0	-18.5	20	485.0	-18.5	20	505.0	-18.5	20
525.0	-18.5	20	545.0	-18.5	20	565.0	-18.5	20	585.0	-18.5	20	605.0	-18.5	20
625.0	-18.5	20	645.0	-18.5	20	665.0	-18.5	20	685.0	-18.5	20	705.0	-18.5	20
725.0	-18.5	20	745.0	-18.5	20	765.0	-18.5	20	785.0	-18.5	20	805.0	-18.5	20
825.0	-18.5	20	845.0	-18.5	20	865.0	-18.5	20	885.0	-18.5	20	905.0	-18.5	20
925.0	-18.5	20	-875.0	18.5	20	-855.0	18.5	20	-835.0	18.5	20	-815.0	18.5	20
-795.0	18.5	20	-775.0	18.5	20	-755.0	18.5	20	-735.0	18.5	20	-715.0	18.5	20
-695.0	18.5	20	-675.0	18.5	20	-655.0	18.5	20	-635.0	18.5	20	-615.0	18.5	20
-595.0	18.5	20	-575.0	18.5	20	-555.0	18.5	20	-535.0	18.5	20	-515.0	18.5	20
-495.0	18.5	20	-475.0	18.5	20	-455.0	18.5	20	-435.0	18.5	20	-415.0	18.5	20
-395.0	18.5	20	-375.0	18.5	20	-355.0	18.5	20	-335.0	18.5	20	-315.0	18.5	20
-295.0	18.5	20	-275.0	18.5	20	-255.0	18.5	20	-235.0	18.5	20	-215.0	18.5	20
-195.0	18.5	20	-175.0	18.5	20	-155.0	18.5	20	-135.0	18.5	20	-115.0	18.5	20
-95.0	18.5	20	-75.0	18.5	20	-55.0	18.5	20	-35.0	18.5	20	-15.0	18.5	20
5.0	18.5	20	25.0	18.5	20	45.0	18.5	20	65.0	18.5	20	85.0	18.5	20
105.0	18.5	20	125.0	18.5	20	145.0	18.5	20	165.0	18.5	20	185.0	18.5	20
205.0	18.5	20	225.0	18.5	20	245.0	18.5	20	265.0	18.5	20	285.0	18.5	20
305.0	18.5	20	325.0	18.5	20	345.0	18.5	20	365.0	18.5	20	385.0	18.5	20
405.0	18.5	20	425.0	18.5	20	445.0	18.5	20	465.0	18.5	20	485.0	18.5	20
505.0	18.5	20	525.0	18.5	20	545.0	18.5	20	565.0	18.5	20	585.0	18.5	20
605.0	18.5	20	625.0	18.5	20	645.0	18.5	20	665.0	18.5	20	685.0	18.5	20
705.0	18.5	20	725.0	18.5	20	745.0	18.5	20	765.0	18.5	20	785.0	18.5	20
805.0	18.5	20	825.0	18.5	20	845.0	18.5	20	865.0	18.5	20	885.0	18.5	20
905.0	18.5	20	925.0	18.5	20	-2.5	-18.5	20	-2.5	18.5	20	-47.0	-18.5	20
-47.0	18.5	20	-100.9	-18.5	20	-100.9	18.5	20	-15.0	-18.5	20	-15.0	18.5	20
-26.7	-18.5	20	-26.7	18.5	20	-429.7	-18.5	20	-429.7	18.5	20	-63.4	-18.5	20
-63.4	18.5	20	-875.0	-18.5	20	-875.0	18.5	20	-855.0	-18.5	20	-855.0	18.5	20
-835.0	-18.5	20	-835.0	18.5	20	-815.0	-18.5	20	-815.0	18.5	20	-795.0	-18.5	20
-795.0	18.5	20	-775.0	-18.5	20	-775.0	18.5	20	-755.0	-18.5	20	-755.0	18.5	20
-735.0	-18.5	20	-735.0	18.5	20	-715.0	-18.5	20	-715.0	18.5	20	-695.0	-18.5	20
-695.0	18.5	20	-675.0	-18.5	20	-675.0	18.5	20	-655.0	-18.5	20	-655.0	18.5	20
-635.0	-18.5	20	-635.0	18.5	20	-615.0	-18.5	20	-615.0	18.5	20	-595.0	-18.5	20
-595.0	18.5	20	-575.0	-18.5	20	-575.0	18.5	20	-555.0	-18.5	20	-555.0	18.5	20
-535.0	-18.5	20	-535.0	18.5	20	-515.0	-18.5	20	-515.0	18.5	20	-495.0	-18.5	20
-495.0	18.5	20	-475.0	-18.5	20	-475.0	18.5	20	-455.0	-18.5	20	-455.0	18.5	20
-435.0	-18.5	20	-435.0	18.5	20	-415.0	-18.5	20	-415.0	18.5	20	-395.0	-18.5	20

-395.0	18.5	20	-375.0	-18.5	20	-375.0	18.5	20	-355.0	-18.5	20	-355.0	18.5	20
-335.0	-18.5	20	-335.0	18.5	20	-315.0	-18.5	20	-315.0	18.5	20	-295.0	-18.5	20
-295.0	18.5	20	-275.0	-18.5	20	-275.0	18.5	20	-255.0	-18.5	20	-255.0	18.5	20
-235.0	-18.5	20	-235.0	18.5	20	-215.0	-18.5	20	-215.0	18.5	20	-195.0	-18.5	20
-195.0	18.5	20	-175.0	-18.5	20	-175.0	18.5	20	-155.0	-18.5	20	-155.0	18.5	20
-135.0	-18.5	20	-135.0	18.5	20	-115.0	-18.5	20	-115.0	18.5	20	-95.0	-18.5	20
-95.0	18.5	20	-75.0	-18.5	20	-75.0	18.5	20	-55.0	-18.5	20	-55.0	18.5	20
-35.0	-18.5	20	-35.0	18.5	20	-15.0	-18.5	20	-15.0	18.5	20			

Sezione a quota 271
Coordinate dei vertici

X	Y
-895.0	25.0
-895.0	257.3
-845.0	257.3
-845.0	25.0
900.0	25.0
900.0	257.3
945.0	257.3
945.0	25.0
945.0	-25.0
-895.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-875.0	-18.5	20	-855.0	-18.5	20	-835.0	-18.5	20	-815.0	-18.5	20	-795.0	-18.5	20
-775.0	-18.5	20	-755.0	-18.5	20	-735.0	-18.5	20	-715.0	-18.5	20	-695.0	-18.5	20
-675.0	-18.5	20	-655.0	-18.5	20	-635.0	-18.5	20	-615.0	-18.5	20	-595.0	-18.5	20
-575.0	-18.5	20	-555.0	-18.5	20	-535.0	-18.5	20	-515.0	-18.5	20	-495.0	-18.5	20
-475.0	-18.5	20	-455.0	-18.5	20	-435.0	-18.5	20	-415.0	-18.5	20	-395.0	-18.5	20
-375.0	-18.5	20	-355.0	-18.5	20	-335.0	-18.5	20	-315.0	-18.5	20	-295.0	-18.5	20
-275.0	-18.5	20	-255.0	-18.5	20	-235.0	-18.5	20	-215.0	-18.5	20	-195.0	-18.5	20
-175.0	-18.5	20	-155.0	-18.5	20	-135.0	-18.5	20	-115.0	-18.5	20	-95.0	-18.5	20
-75.0	-18.5	20	-55.0	-18.5	20	-35.0	-18.5	20	-15.0	-18.5	20	5.0	-18.5	20
25.0	-18.5	20	45.0	-18.5	20	65.0	-18.5	20	85.0	-18.5	20	105.0	-18.5	20
125.0	-18.5	20	145.0	-18.5	20	165.0	-18.5	20	185.0	-18.5	20	205.0	-18.5	20
225.0	-18.5	20	245.0	-18.5	20	265.0	-18.5	20	285.0	-18.5	20	305.0	-18.5	20
325.0	-18.5	20	345.0	-18.5	20	365.0	-18.5	20	385.0	-18.5	20	405.0	-18.5	20
425.0	-18.5	20	445.0	-18.5	20	465.0	-18.5	20	485.0	-18.5	20	505.0	-18.5	20
525.0	-18.5	20	545.0	-18.5	20	565.0	-18.5	20	585.0	-18.5	20	605.0	-18.5	20
625.0	-18.5	20	645.0	-18.5	20	665.0	-18.5	20	685.0	-18.5	20	705.0	-18.5	20
725.0	-18.5	20	745.0	-18.5	20	765.0	-18.5	20	785.0	-18.5	20	805.0	-18.5	20
825.0	-18.5	20	845.0	-18.5	20	865.0	-18.5	20	885.0	-18.5	20	905.0	-18.5	20
925.0	-18.5	20	-875.0	18.5	20	-855.0	18.5	20	-835.0	18.5	20	-815.0	18.5	20
-795.0	18.5	20	-775.0	18.5	20	-755.0	18.5	20	-735.0	18.5	20	-715.0	18.5	20
-695.0	18.5	20	-675.0	18.5	20	-655.0	18.5	20	-635.0	18.5	20	-615.0	18.5	20
-595.0	18.5	20	-575.0	18.5	20	-555.0	18.5	20	-535.0	18.5	20	-515.0	18.5	20
-495.0	18.5	20	-475.0	18.5	20	-455.0	18.5	20	-435.0	18.5	20	-415.0	18.5	20
-395.0	18.5	20	-375.0	18.5	20	-355.0	18.5	20	-335.0	18.5	20	-315.0	18.5	20
-295.0	18.5	20	-275.0	18.5	20	-255.0	18.5	20	-235.0	18.5	20	-215.0	18.5	20
-195.0	18.5	20	-175.0	18.5	20	-155.0	18.5	20	-135.0	18.5	20	-115.0	18.5	20
-95.0	18.5	20	-75.0	18.5	20	-55.0	18.5	20	-35.0	18.5	20	-15.0	18.5	20
5.0	18.5	20	25.0	18.5	20	45.0	18.5	20	65.0	18.5	20	85.0	18.5	20
105.0	18.5	20	125.0	18.5	20	145.0	18.5	20	165.0	18.5	20	185.0	18.5	20
205.0	18.5	20	225.0	18.5	20	245.0	18.5	20	265.0	18.5	20	285.0	18.5	20
305.0	18.5	20	325.0	18.5	20	345.0	18.5	20	365.0	18.5	20	385.0	18.5	20
405.0	18.5	20	425.0	18.5	20	445.0	18.5	20	465.0	18.5	20	485.0	18.5	20
505.0	18.5	20	525.0	18.5	20	545.0	18.5	20	565.0	18.5	20	585.0	18.5	20
605.0	18.5	20	625.0	18.5	20	645.0	18.5	20	665.0	18.5	20	685.0	18.5	20
705.0	18.5	20	725.0	18.5	20	745.0	18.5	20	765.0	18.5	20	785.0	18.5	20
805.0	18.5	20	825.0	18.5	20	845.0	18.5	20	865.0	18.5	20	885.0	18.5	20
905.0	18.5	20	925.0	18.5	20	-2.5	-18.5	20	-2.5	18.5	20	-47.0	-18.5	20
-47.0	18.5	20	-100.9	-18.5	20	-100.9	18.5	20	-15.0	-18.5	20	-15.0	18.5	20
-26.7	-18.5	20	-26.7	18.5	20	-429.7	-18.5	20	-429.7	18.5	20	-63.4	-18.5	20
-63.4	18.5	20	-875.0	-18.5	20	-875.0	18.5	20	-855.0	-18.5	20	-855.0	18.5	20
-835.0	-18.5	20	-835.0	18.5	20	-815.0	-18.5	20	-815.0	18.5	20	-795.0	-18.5	20
-795.0	18.5	20	-775.0	-18.5	20	-775.0	18.5	20	-755.0	-18.5	20	-755.0	18.5	20
-735.0	-18.5	20	-735.0	18.5	20	-715.0	-18.5	20	-715.0	18.5	20	-695.0	-18.5	20
-695.0	18.5	20	-675.0	-18.5	20	-675.0	18.5	20	-655.0	-18.5	20	-655.0	18.5	20
-635.0	-18.5	20	-635.0	18.5	20	-615.0	-18.5	20	-615.0	18.5	20	-595.0	-18.5	20
-595.0	18.5	20	-575.0	-18.5	20	-575.0	18.5	20	-555.0	-18.5	20	-555.0	18.5	20
-535.0	-18.5	20	-535.0	18.5	20	-515.0	-18.5	20	-515.0	18.5	20	-495.0	-18.5	20
-495.0	18.5	20	-475.0	-18.5	20	-475.0	18.5	20	-455.0	-18.5	20	-455.0	18.5	20
-435.0	-18.5	20	-435.0	18.5	20	-415.0	-18.5	20	-415.0	18.5	20	-395.0	-18.5	20
-395.0	18.5	20	-375.0	-18.5	20	-375.0	18.5	20	-355.0	-18.5	20	-355.0	18.5	20
-335.0	-18.5	20	-335.0	18.5	20	-315.0	-18.5	20	-315.0	18.5	20	-295.0	-18.5	20
-295.0	18.5	20	-275.0	-18.5	20	-275.0	18.5	20	-255.0	-18.5	20	-255.0	18.5	20
-235.0	-18.5	20	-235.0	18.5	20	-215.0	-18.5	20	-215.0	18.5	20	-195.0	-18.5	20
-195.0	18.5	20	-175.0	-18.5	20	-175.0	18.5	20	-155.0	-18.5	20	-155.0	18.5	20
-135.0	-18.5	20	-135.0	18.5	20	-115.0	-18.5	20	-115.0	18.5	20	-95.0	-18.5	20
-95.0	18.5	20	-75.0	-18.5	20	-75.0	18.5	20	-55.0	-18.5	20	-55.0	18.5	20
-35.0	-18.5	20	-35.0	18.5	20	-15.0	-18.5	20	-15.0	18.5	20			

Sezione a quota 433
Coordinate dei vertici

X	Y
-895.0	25.0
-895.0	216.9
-845.0	216.9
-845.0	25.0
900.0	25.0
900.0	216.9
945.0	216.9
945.0	25.0

945.0	-25.0
-895.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-875.0	-18.5	20	-855.0	-18.5	20	-835.0	-18.5	20	-815.0	-18.5	20	-795.0	-18.5	20
-775.0	-18.5	20	-755.0	-18.5	20	-735.0	-18.5	20	-715.0	-18.5	20	-695.0	-18.5	20
-675.0	-18.5	20	-655.0	-18.5	20	-635.0	-18.5	20	-615.0	-18.5	20	-595.0	-18.5	20
-575.0	-18.5	20	-555.0	-18.5	20	-535.0	-18.5	20	-515.0	-18.5	20	-495.0	-18.5	20
-475.0	-18.5	20	-455.0	-18.5	20	-435.0	-18.5	20	-415.0	-18.5	20	-395.0	-18.5	20
-375.0	-18.5	20	-355.0	-18.5	20	-335.0	-18.5	20	-315.0	-18.5	20	-295.0	-18.5	20
-275.0	-18.5	20	-255.0	-18.5	20	-235.0	-18.5	20	-215.0	-18.5	20	-195.0	-18.5	20
-175.0	-18.5	20	-155.0	-18.5	20	-135.0	-18.5	20	-115.0	-18.5	20	-95.0	-18.5	20
-75.0	-18.5	20	-55.0	-18.5	20	-35.0	-18.5	20	-15.0	-18.5	20	5.0	-18.5	20
25.0	-18.5	20	45.0	-18.5	20	65.0	-18.5	20	85.0	-18.5	20	105.0	-18.5	20
125.0	-18.5	20	145.0	-18.5	20	165.0	-18.5	20	185.0	-18.5	20	205.0	-18.5	20
225.0	-18.5	20	245.0	-18.5	20	265.0	-18.5	20	285.0	-18.5	20	305.0	-18.5	20
325.0	-18.5	20	345.0	-18.5	20	365.0	-18.5	20	385.0	-18.5	20	405.0	-18.5	20
425.0	-18.5	20	445.0	-18.5	20	465.0	-18.5	20	485.0	-18.5	20	505.0	-18.5	20
525.0	-18.5	20	545.0	-18.5	20	565.0	-18.5	20	585.0	-18.5	20	605.0	-18.5	20
625.0	-18.5	20	645.0	-18.5	20	665.0	-18.5	20	685.0	-18.5	20	705.0	-18.5	20
725.0	-18.5	20	745.0	-18.5	20	765.0	-18.5	20	785.0	-18.5	20	805.0	-18.5	20
825.0	-18.5	20	845.0	-18.5	20	865.0	-18.5	20	885.0	-18.5	20	905.0	-18.5	20
925.0	-18.5	20	-875.0	18.5	20	-855.0	18.5	20	-835.0	18.5	20	-815.0	18.5	20
-795.0	18.5	20	-775.0	18.5	20	-755.0	18.5	20	-735.0	18.5	20	-715.0	18.5	20
-695.0	18.5	20	-675.0	18.5	20	-655.0	18.5	20	-635.0	18.5	20	-615.0	18.5	20
-595.0	18.5	20	-575.0	18.5	20	-555.0	18.5	20	-535.0	18.5	20	-515.0	18.5	20
-495.0	18.5	20	-475.0	18.5	20	-455.0	18.5	20	-435.0	18.5	20	-415.0	18.5	20
-395.0	18.5	20	-375.0	18.5	20	-355.0	18.5	20	-335.0	18.5	20	-315.0	18.5	20
-295.0	18.5	20	-275.0	18.5	20	-255.0	18.5	20	-235.0	18.5	20	-215.0	18.5	20
-195.0	18.5	20	-175.0	18.5	20	-155.0	18.5	20	-135.0	18.5	20	-115.0	18.5	20
-95.0	18.5	20	-75.0	18.5	20	-55.0	18.5	20	-35.0	18.5	20	-15.0	18.5	20
5.0	18.5	20	25.0	18.5	20	45.0	18.5	20	65.0	18.5	20	85.0	18.5	20
105.0	18.5	20	125.0	18.5	20	145.0	18.5	20	165.0	18.5	20	185.0	18.5	20
205.0	18.5	20	225.0	18.5	20	245.0	18.5	20	265.0	18.5	20	285.0	18.5	20
305.0	18.5	20	325.0	18.5	20	345.0	18.5	20	365.0	18.5	20	385.0	18.5	20
405.0	18.5	20	425.0	18.5	20	445.0	18.5	20	465.0	18.5	20	485.0	18.5	20
505.0	18.5	20	525.0	18.5	20	545.0	18.5	20	565.0	18.5	20	585.0	18.5	20
605.0	18.5	20	625.0	18.5	20	645.0	18.5	20	665.0	18.5	20	685.0	18.5	20
705.0	18.5	20	725.0	18.5	20	745.0	18.5	20	765.0	18.5	20	785.0	18.5	20
805.0	18.5	20	825.0	18.5	20	845.0	18.5	20	865.0	18.5	20	885.0	18.5	20
905.0	18.5	20	925.0	18.5	20									

Sezione a quota 594

Coordinate dei vertici

X	Y
-895.0	25.0
-895.0	176.5
-845.0	176.5
-845.0	25.0
900.0	25.0
900.0	176.5
945.0	176.5
945.0	25.0
945.0	-25.0
-895.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-875.0	-18.5	20	-855.0	-18.5	20	-835.0	-18.5	20	-815.0	-18.5	20	-795.0	-18.5	20
-775.0	-18.5	20	-755.0	-18.5	20	-735.0	-18.5	20	-715.0	-18.5	20	-695.0	-18.5	20
-675.0	-18.5	20	-655.0	-18.5	20	-635.0	-18.5	20	-615.0	-18.5	20	-595.0	-18.5	20
-575.0	-18.5	20	-555.0	-18.5	20	-535.0	-18.5	20	-515.0	-18.5	20	-495.0	-18.5	20
-475.0	-18.5	20	-455.0	-18.5	20	-435.0	-18.5	20	-415.0	-18.5	20	-395.0	-18.5	20
-375.0	-18.5	20	-355.0	-18.5	20	-335.0	-18.5	20	-315.0	-18.5	20	-295.0	-18.5	20
-275.0	-18.5	20	-255.0	-18.5	20	-235.0	-18.5	20	-215.0	-18.5	20	-195.0	-18.5	20
-175.0	-18.5	20	-155.0	-18.5	20	-135.0	-18.5	20	-115.0	-18.5	20	-95.0	-18.5	20
-75.0	-18.5	20	-55.0	-18.5	20	-35.0	-18.5	20	-15.0	-18.5	20	5.0	-18.5	20
25.0	-18.5	20	45.0	-18.5	20	65.0	-18.5	20	85.0	-18.5	20	105.0	-18.5	20
125.0	-18.5	20	145.0	-18.5	20	165.0	-18.5	20	185.0	-18.5	20	205.0	-18.5	20
225.0	-18.5	20	245.0	-18.5	20	265.0	-18.5	20	285.0	-18.5	20	305.0	-18.5	20
325.0	-18.5	20	345.0	-18.5	20	365.0	-18.5	20	385.0	-18.5	20	405.0	-18.5	20
425.0	-18.5	20	445.0	-18.5	20	465.0	-18.5	20	485.0	-18.5	20	505.0	-18.5	20
525.0	-18.5	20	545.0	-18.5	20	565.0	-18.5	20	585.0	-18.5	20	605.0	-18.5	20
625.0	-18.5	20	645.0	-18.5	20	665.0	-18.5	20	685.0	-18.5	20	705.0	-18.5	20
725.0	-18.5	20	745.0	-18.5	20	765.0	-18.5	20	785.0	-18.5	20	805.0	-18.5	20
825.0	-18.5	20	845.0	-18.5	20	865.0	-18.5	20	885.0	-18.5	20	905.0	-18.5	20
925.0	-18.5	20	-875.0	18.5	20	-855.0	18.5	20	-835.0	18.5	20	-815.0	18.5	20
-795.0	18.5	20	-775.0	18.5	20	-755.0	18.5	20	-735.0	18.5	20	-715.0	18.5	20
-695.0	18.5	20	-675.0	18.5	20	-655.0	18.5	20	-635.0	18.5	20	-615.0	18.5	20
-595.0	18.5	20	-575.0	18.5	20	-555.0	18.5	20	-535.0	18.5	20	-515.0	18.5	20
-495.0	18.5	20	-475.0	18.5	20	-455.0	18.5	20	-435.0	18.5	20	-415.0	18.5	20
-395.0	18.5	20	-375.0	18.5	20	-355.0	18.5	20	-335.0	18.5	20	-315.0	18.5	20
-295.0	18.5	20	-275.0	18.5	20	-255.0	18.5	20	-235.0	18.5	20	-215.0	18.5	20
-195.0	18.5	20	-175.0	18.5	20	-155.0	18.5	20	-135.0	18.5	20	-115.0	18.5	20
-95.0	18.5	20	-75.0	18.5	20	-55.0	18.5	20	-35.0	18.5	20	-15.0	18.5	20
5.0	18.5	20	25.0	18.5	20	45.0	18.5	20	65.0	18.5	20	85.0	18.5	20
105.0	18.5	20	125.0	18.5	20	145.0	18.5	20	165.0	18.5	20	185.0	18.5	20
205.0	18.5	20	225.0	18.5	20	245.0	18.5	20	265.0	18.5	20	285.0	18.5	20
305.0	18.5	20	325.0	18.5	20	345.0	18.5	20	365.0	18.5	20	385.0	18.5	20
405.0	18.5	20	425.0	18.5	20	445.0	18.5	20	465.0	18.5	20	485.0	18.5	20
505.0	18.5	20	525.0	18.5	20	545.0	18.5	20	565.0	18.5	20	585.0	18.5	20
605.0	18.5	20	625.0	18.5	20	645.0	18.5	20	665.0	18.5	20	685.0	18.5	20
705.0	18.5	20	725.0	18.5	20	745.0	18.5	20	765.0	18.5	20	785.0	18.5	20

805.0	18.5	20	825.0	18.5	20	845.0	18.5	20	865.0	18.5	20	885.0	18.5	20
905.0	18.5	20	925.0	18.5	20	-475.0	-18.5	20	-475.0	18.5	20	-453.5	-18.5	20
-453.5	18.5	20	-500.0	-18.5	20	-500.0	18.5	20						

Sezione a quota 596
Coordinate dei vertici

X	Y
-895.0	25.0
-895.0	176.0
-845.0	176.0
-845.0	25.0
900.0	25.0
900.0	176.0
945.0	176.0
945.0	25.0
945.0	-25.0
-895.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-875.0	-18.5	20	-855.0	-18.5	20	-835.0	-18.5	20	-815.0	-18.5	20	-795.0	-18.5	20
-775.0	-18.5	20	-755.0	-18.5	20	-735.0	-18.5	20	-715.0	-18.5	20	-695.0	-18.5	20
-675.0	-18.5	20	-655.0	-18.5	20	-635.0	-18.5	20	-615.0	-18.5	20	-595.0	-18.5	20
-575.0	-18.5	20	-555.0	-18.5	20	-535.0	-18.5	20	-515.0	-18.5	20	-495.0	-18.5	20
-475.0	-18.5	20	-455.0	-18.5	20	-435.0	-18.5	20	-415.0	-18.5	20	-395.0	-18.5	20
-375.0	-18.5	20	-355.0	-18.5	20	-335.0	-18.5	20	-315.0	-18.5	20	-295.0	-18.5	20
-275.0	-18.5	20	-255.0	-18.5	20	-235.0	-18.5	20	-215.0	-18.5	20	-195.0	-18.5	20
-175.0	-18.5	20	-155.0	-18.5	20	-135.0	-18.5	20	-115.0	-18.5	20	-95.0	-18.5	20
-75.0	-18.5	20	-55.0	-18.5	20	-35.0	-18.5	20	-15.0	-18.5	20	5.0	-18.5	20
25.0	-18.5	20	45.0	-18.5	20	65.0	-18.5	20	85.0	-18.5	20	105.0	-18.5	20
125.0	-18.5	20	145.0	-18.5	20	165.0	-18.5	20	185.0	-18.5	20	205.0	-18.5	20
225.0	-18.5	20	245.0	-18.5	20	265.0	-18.5	20	285.0	-18.5	20	305.0	-18.5	20
325.0	-18.5	20	345.0	-18.5	20	365.0	-18.5	20	385.0	-18.5	20	405.0	-18.5	20
425.0	-18.5	20	445.0	-18.5	20	465.0	-18.5	20	485.0	-18.5	20	505.0	-18.5	20
525.0	-18.5	20	545.0	-18.5	20	565.0	-18.5	20	585.0	-18.5	20	605.0	-18.5	20
625.0	-18.5	20	645.0	-18.5	20	665.0	-18.5	20	685.0	-18.5	20	705.0	-18.5	20
725.0	-18.5	20	745.0	-18.5	20	765.0	-18.5	20	785.0	-18.5	20	805.0	-18.5	20
825.0	-18.5	20	845.0	-18.5	20	865.0	-18.5	20	885.0	-18.5	20	905.0	-18.5	20
925.0	-18.5	20	-875.0	18.5	20	-855.0	18.5	20	-835.0	18.5	20	-815.0	18.5	20
-795.0	18.5	20	-775.0	18.5	20	-755.0	18.5	20	-735.0	18.5	20	-715.0	18.5	20
-695.0	18.5	20	-675.0	18.5	20	-655.0	18.5	20	-635.0	18.5	20	-615.0	18.5	20
-595.0	18.5	20	-575.0	18.5	20	-555.0	18.5	20	-535.0	18.5	20	-515.0	18.5	20
-495.0	18.5	20	-475.0	18.5	20	-455.0	18.5	20	-435.0	18.5	20	-415.0	18.5	20
-395.0	18.5	20	-375.0	18.5	20	-355.0	18.5	20	-335.0	18.5	20	-315.0	18.5	20
-295.0	18.5	20	-275.0	18.5	20	-255.0	18.5	20	-235.0	18.5	20	-215.0	18.5	20
-195.0	18.5	20	-175.0	18.5	20	-155.0	18.5	20	-135.0	18.5	20	-115.0	18.5	20
-95.0	18.5	20	-75.0	18.5	20	-55.0	18.5	20	-35.0	18.5	20	-15.0	18.5	20
5.0	18.5	20	25.0	18.5	20	45.0	18.5	20	65.0	18.5	20	85.0	18.5	20
105.0	18.5	20	125.0	18.5	20	145.0	18.5	20	165.0	18.5	20	185.0	18.5	20
205.0	18.5	20	225.0	18.5	20	245.0	18.5	20	265.0	18.5	20	285.0	18.5	20
305.0	18.5	20	325.0	18.5	20	345.0	18.5	20	365.0	18.5	20	385.0	18.5	20
405.0	18.5	20	425.0	18.5	20	445.0	18.5	20	465.0	18.5	20	485.0	18.5	20
505.0	18.5	20	525.0	18.5	20	545.0	18.5	20	565.0	18.5	20	585.0	18.5	20
605.0	18.5	20	625.0	18.5	20	645.0	18.5	20	665.0	18.5	20	685.0	18.5	20
705.0	18.5	20	725.0	18.5	20	745.0	18.5	20	765.0	18.5	20	785.0	18.5	20
805.0	18.5	20	825.0	18.5	20	845.0	18.5	20	865.0	18.5	20	885.0	18.5	20
905.0	18.5	20	925.0	18.5	20	-475.0	-18.5	20	-475.0	18.5	20	-453.5	-18.5	20
-453.5	18.5	20	-500.0	-18.5	20	-500.0	18.5	20						

Sezione a quota 613
Coordinate dei vertici

X	Y
-895.0	25.0
-895.0	171.9
-845.0	171.9
-845.0	25.0
900.0	25.0
900.0	171.9
945.0	171.9
945.0	25.0
945.0	-25.0
-895.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-875.0	-18.5	20	-855.0	-18.5	20	-835.0	-18.5	20	-815.0	-18.5	20	-795.0	-18.5	20
-775.0	-18.5	20	-755.0	-18.5	20	-735.0	-18.5	20	-715.0	-18.5	20	-695.0	-18.5	20
-675.0	-18.5	20	-655.0	-18.5	20	-635.0	-18.5	20	-615.0	-18.5	20	-595.0	-18.5	20
-575.0	-18.5	20	-555.0	-18.5	20	-535.0	-18.5	20	-515.0	-18.5	20	-495.0	-18.5	20
-475.0	-18.5	20	-455.0	-18.5	20	-435.0	-18.5	20	-415.0	-18.5	20	-395.0	-18.5	20
-375.0	-18.5	20	-355.0	-18.5	20	-335.0	-18.5	20	-315.0	-18.5	20	-295.0	-18.5	20
-275.0	-18.5	20	-255.0	-18.5	20	-235.0	-18.5	20	-215.0	-18.5	20	-195.0	-18.5	20
-175.0	-18.5	20	-155.0	-18.5	20	-135.0	-18.5	20	-115.0	-18.5	20	-95.0	-18.5	20
-75.0	-18.5	20	-55.0	-18.5	20	-35.0	-18.5	20	-15.0	-18.5	20	5.0	-18.5	20
25.0	-18.5	20	45.0	-18.5	20	65.0	-18.5	20	85.0	-18.5	20	105.0	-18.5	20
125.0	-18.5	20	145.0	-18.5	20	165.0	-18.5	20	185.0	-18.5	20	205.0	-18.5	20
225.0	-18.5	20	245.0	-18.5	20	265.0	-18.5	20	285.0	-18.5	20	305.0	-18.5	20
325.0	-18.5	20	345.0	-18.5	20	365.0	-18.5	20	385.0	-18.5	20	405.0	-18.5	20
425.0	-18.5	20	445.0	-18.5	20	465.0	-18.5	20	485.0	-18.5	20	505.0	-18.5	20
525.0	-18.5	20	545.0	-18.5	20	565.0	-18.5	20	585.0	-18.5	20	605.0	-18.5	20
625.0	-18.5	20	645.0	-18.5	20	665.0	-18.5	20	685.0	-18.5	20	705.0	-18.5	20
725.0	-18.5	20	745.0	-18.5	20	765.0	-18.5	20	785.0	-18.5	20	805.0	-18.5	20
825.0	-18.5	20	845.0	-18.5	20	865.0	-18.5	20	885.0	-18.5	20	905.0	-18.5	20
925.0	-18.5	20	-875.0	18.5	20	-855.0	18.5	20	-835.0	18.5	20	-815.0	18.5	20

-795.0	18.5	20	-775.0	18.5	20	-755.0	18.5	20	-735.0	18.5	20	-715.0	18.5	20
-695.0	18.5	20	-675.0	18.5	20	-655.0	18.5	20	-635.0	18.5	20	-615.0	18.5	20
-595.0	18.5	20	-575.0	18.5	20	-555.0	18.5	20	-535.0	18.5	20	-515.0	18.5	20
-495.0	18.5	20	-475.0	18.5	20	-455.0	18.5	20	-435.0	18.5	20	-415.0	18.5	20
-395.0	18.5	20	-375.0	18.5	20	-355.0	18.5	20	-335.0	18.5	20	-315.0	18.5	20
-295.0	18.5	20	-275.0	18.5	20	-255.0	18.5	20	-235.0	18.5	20	-215.0	18.5	20
-195.0	18.5	20	-175.0	18.5	20	-155.0	18.5	20	-135.0	18.5	20	-115.0	18.5	20
-95.0	18.5	20	-75.0	18.5	20	-55.0	18.5	20	-35.0	18.5	20	-15.0	18.5	20
5.0	18.5	20	25.0	18.5	20	45.0	18.5	20	65.0	18.5	20	85.0	18.5	20
105.0	18.5	20	125.0	18.5	20	145.0	18.5	20	165.0	18.5	20	185.0	18.5	20
205.0	18.5	20	225.0	18.5	20	245.0	18.5	20	265.0	18.5	20	285.0	18.5	20
305.0	18.5	20	325.0	18.5	20	345.0	18.5	20	365.0	18.5	20	385.0	18.5	20
405.0	18.5	20	425.0	18.5	20	445.0	18.5	20	465.0	18.5	20	485.0	18.5	20
505.0	18.5	20	525.0	18.5	20	545.0	18.5	20	565.0	18.5	20	585.0	18.5	20
605.0	18.5	20	625.0	18.5	20	645.0	18.5	20	665.0	18.5	20	685.0	18.5	20
705.0	18.5	20	725.0	18.5	20	745.0	18.5	20	765.0	18.5	20	785.0	18.5	20
805.0	18.5	20	825.0	18.5	20	845.0	18.5	20	865.0	18.5	20	885.0	18.5	20
905.0	18.5	20	925.0	18.5	20	-475.0	-18.5	20	-475.0	18.5	20	-453.5	-18.5	20
-453.5	18.5	20	-500.0	-18.5	20	-500.0	18.5	20						

Sezione a quota 629

Coordinate dei vertici

X	Y
-895.0	25.0
-895.0	167.8
-845.0	167.8
-845.0	25.0
900.0	25.0
900.0	167.8
945.0	167.8
945.0	25.0
945.0	-25.0
-895.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-875.0	-18.5	20	-855.0	-18.5	20	-835.0	-18.5	20	-815.0	-18.5	20	-795.0	-18.5	20
-775.0	-18.5	20	-755.0	-18.5	20	-735.0	-18.5	20	-715.0	-18.5	20	-695.0	-18.5	20
-675.0	-18.5	20	-655.0	-18.5	20	-635.0	-18.5	20	-615.0	-18.5	20	-595.0	-18.5	20
-575.0	-18.5	20	-555.0	-18.5	20	-535.0	-18.5	20	-515.0	-18.5	20	-495.0	-18.5	20
-475.0	-18.5	20	-455.0	-18.5	20	-435.0	-18.5	20	-415.0	-18.5	20	-395.0	-18.5	20
-375.0	-18.5	20	-355.0	-18.5	20	-335.0	-18.5	20	-315.0	-18.5	20	-295.0	-18.5	20
-275.0	-18.5	20	-255.0	-18.5	20	-235.0	-18.5	20	-215.0	-18.5	20	-195.0	-18.5	20
-175.0	-18.5	20	-155.0	-18.5	20	-135.0	-18.5	20	-115.0	-18.5	20	-95.0	-18.5	20
-75.0	-18.5	20	-55.0	-18.5	20	-35.0	-18.5	20	-15.0	-18.5	20	5.0	-18.5	20
25.0	-18.5	20	45.0	-18.5	20	65.0	-18.5	20	85.0	-18.5	20	105.0	-18.5	20
125.0	-18.5	20	145.0	-18.5	20	165.0	-18.5	20	185.0	-18.5	20	205.0	-18.5	20
225.0	-18.5	20	245.0	-18.5	20	265.0	-18.5	20	285.0	-18.5	20	305.0	-18.5	20
325.0	-18.5	20	345.0	-18.5	20	365.0	-18.5	20	385.0	-18.5	20	405.0	-18.5	20
425.0	-18.5	20	445.0	-18.5	20	465.0	-18.5	20	485.0	-18.5	20	505.0	-18.5	20
525.0	-18.5	20	545.0	-18.5	20	565.0	-18.5	20	585.0	-18.5	20	605.0	-18.5	20
625.0	-18.5	20	645.0	-18.5	20	665.0	-18.5	20	685.0	-18.5	20	705.0	-18.5	20
725.0	-18.5	20	745.0	-18.5	20	765.0	-18.5	20	785.0	-18.5	20	805.0	-18.5	20
825.0	-18.5	20	845.0	-18.5	20	865.0	-18.5	20	885.0	-18.5	20	905.0	-18.5	20
925.0	-18.5	20	-875.0	18.5	20	-855.0	18.5	20	-835.0	18.5	20	-815.0	18.5	20
-795.0	18.5	20	-775.0	18.5	20	-755.0	18.5	20	-735.0	18.5	20	-715.0	18.5	20
-695.0	18.5	20	-675.0	18.5	20	-655.0	18.5	20	-635.0	18.5	20	-615.0	18.5	20
-595.0	18.5	20	-575.0	18.5	20	-555.0	18.5	20	-535.0	18.5	20	-515.0	18.5	20
-495.0	18.5	20	-475.0	18.5	20	-455.0	18.5	20	-435.0	18.5	20	-415.0	18.5	20
-395.0	18.5	20	-375.0	18.5	20	-355.0	18.5	20	-335.0	18.5	20	-315.0	18.5	20
-295.0	18.5	20	-275.0	18.5	20	-255.0	18.5	20	-235.0	18.5	20	-215.0	18.5	20
-195.0	18.5	20	-175.0	18.5	20	-155.0	18.5	20	-135.0	18.5	20	-115.0	18.5	20
-95.0	18.5	20	-75.0	18.5	20	-55.0	18.5	20	-35.0	18.5	20	-15.0	18.5	20
5.0	18.5	20	25.0	18.5	20	45.0	18.5	20	65.0	18.5	20	85.0	18.5	20
105.0	18.5	20	125.0	18.5	20	145.0	18.5	20	165.0	18.5	20	185.0	18.5	20
205.0	18.5	20	225.0	18.5	20	245.0	18.5	20	265.0	18.5	20	285.0	18.5	20
305.0	18.5	20	325.0	18.5	20	345.0	18.5	20	365.0	18.5	20	385.0	18.5	20
405.0	18.5	20	425.0	18.5	20	445.0	18.5	20	465.0	18.5	20	485.0	18.5	20
505.0	18.5	20	525.0	18.5	20	545.0	18.5	20	565.0	18.5	20	585.0	18.5	20
605.0	18.5	20	625.0	18.5	20	645.0	18.5	20	665.0	18.5	20	685.0	18.5	20
705.0	18.5	20	725.0	18.5	20	745.0	18.5	20	765.0	18.5	20	785.0	18.5	20
805.0	18.5	20	825.0	18.5	20	845.0	18.5	20	865.0	18.5	20	885.0	18.5	20
905.0	18.5	20	925.0	18.5	20	-475.0	-18.5	20	-475.0	18.5	20	-453.5	-18.5	20
-453.5	18.5	20	-500.0	-18.5	20	-500.0	18.5	20						

Sezione a quota 631

Coordinate dei vertici

X	Y
-895.0	25.0
-895.0	167.3
-845.0	167.3
-845.0	25.0
900.0	25.0
900.0	167.3
945.0	167.3
945.0	25.0
945.0	-25.0
-895.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-875.0	-18.5	20	-855.0	-18.5	20	-835.0	-18.5	20	-815.0	-18.5	20	-795.0	-18.5	20
-775.0	-18.5	20	-755.0	-18.5	20	-735.0	-18.5	20	-715.0	-18.5	20	-695.0	-18.5	20
-675.0	-18.5	20	-655.0	-18.5	20	-635.0	-18.5	20	-615.0	-18.5	20	-595.0	-18.5	20

-575.0	-18.5	20	-555.0	-18.5	20	-535.0	-18.5	20	-515.0	-18.5	20	-495.0	-18.5	20
-475.0	-18.5	20	-455.0	-18.5	20	-435.0	-18.5	20	-415.0	-18.5	20	-395.0	-18.5	20
-375.0	-18.5	20	-355.0	-18.5	20	-335.0	-18.5	20	-315.0	-18.5	20	-295.0	-18.5	20
-275.0	-18.5	20	-255.0	-18.5	20	-235.0	-18.5	20	-215.0	-18.5	20	-195.0	-18.5	20
-175.0	-18.5	20	-155.0	-18.5	20	-135.0	-18.5	20	-115.0	-18.5	20	-95.0	-18.5	20
-75.0	-18.5	20	-55.0	-18.5	20	-35.0	-18.5	20	-15.0	-18.5	20	5.0	-18.5	20
25.0	-18.5	20	45.0	-18.5	20	65.0	-18.5	20	85.0	-18.5	20	105.0	-18.5	20
125.0	-18.5	20	145.0	-18.5	20	165.0	-18.5	20	185.0	-18.5	20	205.0	-18.5	20
225.0	-18.5	20	245.0	-18.5	20	265.0	-18.5	20	285.0	-18.5	20	305.0	-18.5	20
325.0	-18.5	20	345.0	-18.5	20	365.0	-18.5	20	385.0	-18.5	20	405.0	-18.5	20
425.0	-18.5	20	445.0	-18.5	20	465.0	-18.5	20	485.0	-18.5	20	505.0	-18.5	20
525.0	-18.5	20	545.0	-18.5	20	565.0	-18.5	20	585.0	-18.5	20	605.0	-18.5	20
625.0	-18.5	20	645.0	-18.5	20	665.0	-18.5	20	685.0	-18.5	20	705.0	-18.5	20
725.0	-18.5	20	745.0	-18.5	20	765.0	-18.5	20	785.0	-18.5	20	805.0	-18.5	20
825.0	-18.5	20	845.0	-18.5	20	865.0	-18.5	20	885.0	-18.5	20	905.0	-18.5	20
925.0	-18.5	20	-875.0	18.5	20	-855.0	18.5	20	-835.0	18.5	20	-815.0	18.5	20
-795.0	18.5	20	-775.0	18.5	20	-755.0	18.5	20	-735.0	18.5	20	-715.0	18.5	20
-695.0	18.5	20	-675.0	18.5	20	-655.0	18.5	20	-635.0	18.5	20	-615.0	18.5	20
-595.0	18.5	20	-575.0	18.5	20	-555.0	18.5	20	-535.0	18.5	20	-515.0	18.5	20
-495.0	18.5	20	-475.0	18.5	20	-455.0	18.5	20	-435.0	18.5	20	-415.0	18.5	20
-395.0	18.5	20	-375.0	18.5	20	-355.0	18.5	20	-335.0	18.5	20	-315.0	18.5	20
-295.0	18.5	20	-275.0	18.5	20	-255.0	18.5	20	-235.0	18.5	20	-215.0	18.5	20
-195.0	18.5	20	-175.0	18.5	20	-155.0	18.5	20	-135.0	18.5	20	-115.0	18.5	20
-95.0	18.5	20	-75.0	18.5	20	-55.0	18.5	20	-35.0	18.5	20	-15.0	18.5	20
5.0	18.5	20	25.0	18.5	20	45.0	18.5	20	65.0	18.5	20	85.0	18.5	20
105.0	18.5	20	125.0	18.5	20	145.0	18.5	20	165.0	18.5	20	185.0	18.5	20
205.0	18.5	20	225.0	18.5	20	245.0	18.5	20	265.0	18.5	20	285.0	18.5	20
305.0	18.5	20	325.0	18.5	20	345.0	18.5	20	365.0	18.5	20	385.0	18.5	20
405.0	18.5	20	425.0	18.5	20	445.0	18.5	20	465.0	18.5	20	485.0	18.5	20
505.0	18.5	20	525.0	18.5	20	545.0	18.5	20	565.0	18.5	20	585.0	18.5	20
605.0	18.5	20	625.0	18.5	20	645.0	18.5	20	665.0	18.5	20	685.0	18.5	20
705.0	18.5	20	725.0	18.5	20	745.0	18.5	20	765.0	18.5	20	785.0	18.5	20
805.0	18.5	20	825.0	18.5	20	845.0	18.5	20	865.0	18.5	20	885.0	18.5	20
905.0	18.5	20	925.0	18.5	20									

Sezione a quota 679
Coordinate dei vertici

X	Y
-895.0	25.0
-895.0	155.4
-845.0	155.4
-845.0	25.0
900.0	25.0
900.0	155.4
945.0	155.4
945.0	25.0
945.0	-25.0
-895.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-875.0	-18.5	20	-855.0	-18.5	20	-835.0	-18.5	20	-815.0	-18.5	20	-795.0	-18.5	20
-775.0	-18.5	20	-755.0	-18.5	20	-735.0	-18.5	20	-715.0	-18.5	20	-695.0	-18.5	20
-675.0	-18.5	20	-655.0	-18.5	20	-635.0	-18.5	20	-615.0	-18.5	20	-595.0	-18.5	20
-575.0	-18.5	20	-555.0	-18.5	20	-535.0	-18.5	20	-515.0	-18.5	20	-495.0	-18.5	20
-475.0	-18.5	20	-455.0	-18.5	20	-435.0	-18.5	20	-415.0	-18.5	20	-395.0	-18.5	20
-375.0	-18.5	20	-355.0	-18.5	20	-335.0	-18.5	20	-315.0	-18.5	20	-295.0	-18.5	20
-275.0	-18.5	20	-255.0	-18.5	20	-235.0	-18.5	20	-215.0	-18.5	20	-195.0	-18.5	20
-175.0	-18.5	20	-155.0	-18.5	20	-135.0	-18.5	20	-115.0	-18.5	20	-95.0	-18.5	20
-75.0	-18.5	20	-55.0	-18.5	20	-35.0	-18.5	20	-15.0	-18.5	20	5.0	-18.5	20
25.0	-18.5	20	45.0	-18.5	20	65.0	-18.5	20	85.0	-18.5	20	105.0	-18.5	20
125.0	-18.5	20	145.0	-18.5	20	165.0	-18.5	20	185.0	-18.5	20	205.0	-18.5	20
225.0	-18.5	20	245.0	-18.5	20	265.0	-18.5	20	285.0	-18.5	20	305.0	-18.5	20
325.0	-18.5	20	345.0	-18.5	20	365.0	-18.5	20	385.0	-18.5	20	405.0	-18.5	20
425.0	-18.5	20	445.0	-18.5	20	465.0	-18.5	20	485.0	-18.5	20	505.0	-18.5	20
525.0	-18.5	20	545.0	-18.5	20	565.0	-18.5	20	585.0	-18.5	20	605.0	-18.5	20
625.0	-18.5	20	645.0	-18.5	20	665.0	-18.5	20	685.0	-18.5	20	705.0	-18.5	20
725.0	-18.5	20	745.0	-18.5	20	765.0	-18.5	20	785.0	-18.5	20	805.0	-18.5	20
825.0	-18.5	20	845.0	-18.5	20	865.0	-18.5	20	885.0	-18.5	20	905.0	-18.5	20
925.0	-18.5	20	-875.0	18.5	20	-855.0	18.5	20	-835.0	18.5	20	-815.0	18.5	20
-795.0	18.5	20	-775.0	18.5	20	-755.0	18.5	20	-735.0	18.5	20	-715.0	18.5	20
-695.0	18.5	20	-675.0	18.5	20	-655.0	18.5	20	-635.0	18.5	20	-615.0	18.5	20
-595.0	18.5	20	-575.0	18.5	20	-555.0	18.5	20	-535.0	18.5	20	-515.0	18.5	20
-495.0	18.5	20	-475.0	18.5	20	-455.0	18.5	20	-435.0	18.5	20	-415.0	18.5	20
-395.0	18.5	20	-375.0	18.5	20	-355.0	18.5	20	-335.0	18.5	20	-315.0	18.5	20
-295.0	18.5	20	-275.0	18.5	20	-255.0	18.5	20	-235.0	18.5	20	-215.0	18.5	20
-195.0	18.5	20	-175.0	18.5	20	-155.0	18.5	20	-135.0	18.5	20	-115.0	18.5	20
-95.0	18.5	20	-75.0	18.5	20	-55.0	18.5	20	-35.0	18.5	20	-15.0	18.5	20
5.0	18.5	20	25.0	18.5	20	45.0	18.5	20	65.0	18.5	20	85.0	18.5	20
105.0	18.5	20	125.0	18.5	20	145.0	18.5	20	165.0	18.5	20	185.0	18.5	20
205.0	18.5	20	225.0	18.5	20	245.0	18.5	20	265.0	18.5	20	285.0	18.5	20
305.0	18.5	20	325.0	18.5	20	345.0	18.5	20	365.0	18.5	20	385.0	18.5	20
405.0	18.5	20	425.0	18.5	20	445.0	18.5	20	465.0	18.5	20	485.0	18.5	20
505.0	18.5	20	525.0	18.5	20	545.0	18.5	20	565.0	18.5	20	585.0	18.5	20
605.0	18.5	20	625.0	18.5	20	645.0	18.5	20	665.0	18.5	20	685.0	18.5	20
705.0	18.5	20	725.0	18.5	20	745.0	18.5	20	765.0	18.5	20	785.0	18.5	20
805.0	18.5	20	825.0	18.5	20	845.0	18.5	20	865.0	18.5	20	885.0	18.5	20
905.0	18.5	20	925.0	18.5	20									

Sezione a quota 726
Coordinate dei vertici

X	Y
-895.0	25.0
-895.0	143.5

-845.0	143.5
-845.0	25.0
900.0	25.0
900.0	143.5
945.0	143.5
945.0	25.0
945.0	-25.0
-895.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-875.0	-18.5	20	-855.0	-18.5	20	-835.0	-18.5	20	-815.0	-18.5	20	-795.0	-18.5	20
-775.0	-18.5	20	-755.0	-18.5	20	-735.0	-18.5	20	-715.0	-18.5	20	-695.0	-18.5	20
-675.0	-18.5	20	-655.0	-18.5	20	-635.0	-18.5	20	-615.0	-18.5	20	-595.0	-18.5	20
-575.0	-18.5	20	-555.0	-18.5	20	-535.0	-18.5	20	-515.0	-18.5	20	-495.0	-18.5	20
-475.0	-18.5	20	-455.0	-18.5	20	-435.0	-18.5	20	-415.0	-18.5	20	-395.0	-18.5	20
-375.0	-18.5	20	-355.0	-18.5	20	-335.0	-18.5	20	-315.0	-18.5	20	-295.0	-18.5	20
-275.0	-18.5	20	-255.0	-18.5	20	-235.0	-18.5	20	-215.0	-18.5	20	-195.0	-18.5	20
-175.0	-18.5	20	-155.0	-18.5	20	-135.0	-18.5	20	-115.0	-18.5	20	-95.0	-18.5	20
-75.0	-18.5	20	-55.0	-18.5	20	-35.0	-18.5	20	-15.0	-18.5	20	5.0	-18.5	20
25.0	-18.5	20	45.0	-18.5	20	65.0	-18.5	20	85.0	-18.5	20	105.0	-18.5	20
125.0	-18.5	20	145.0	-18.5	20	165.0	-18.5	20	185.0	-18.5	20	205.0	-18.5	20
225.0	-18.5	20	245.0	-18.5	20	265.0	-18.5	20	285.0	-18.5	20	305.0	-18.5	20
325.0	-18.5	20	345.0	-18.5	20	365.0	-18.5	20	385.0	-18.5	20	405.0	-18.5	20
425.0	-18.5	20	445.0	-18.5	20	465.0	-18.5	20	485.0	-18.5	20	505.0	-18.5	20
525.0	-18.5	20	545.0	-18.5	20	565.0	-18.5	20	585.0	-18.5	20	605.0	-18.5	20
625.0	-18.5	20	645.0	-18.5	20	665.0	-18.5	20	685.0	-18.5	20	705.0	-18.5	20
725.0	-18.5	20	745.0	-18.5	20	765.0	-18.5	20	785.0	-18.5	20	805.0	-18.5	20
825.0	-18.5	20	845.0	-18.5	20	865.0	-18.5	20	885.0	-18.5	20	905.0	-18.5	20
925.0	-18.5	20	-875.0	18.5	20	-855.0	18.5	20	-835.0	18.5	20	-815.0	18.5	20
-795.0	18.5	20	-775.0	18.5	20	-755.0	18.5	20	-735.0	18.5	20	-715.0	18.5	20
-695.0	18.5	20	-675.0	18.5	20	-655.0	18.5	20	-635.0	18.5	20	-615.0	18.5	20
-595.0	18.5	20	-575.0	18.5	20	-555.0	18.5	20	-535.0	18.5	20	-515.0	18.5	20
-495.0	18.5	20	-475.0	18.5	20	-455.0	18.5	20	-435.0	18.5	20	-415.0	18.5	20
-395.0	18.5	20	-375.0	18.5	20	-355.0	18.5	20	-335.0	18.5	20	-315.0	18.5	20
-295.0	18.5	20	-275.0	18.5	20	-255.0	18.5	20	-235.0	18.5	20	-215.0	18.5	20
-195.0	18.5	20	-175.0	18.5	20	-155.0	18.5	20	-135.0	18.5	20	-115.0	18.5	20
-95.0	18.5	20	-75.0	18.5	20	-55.0	18.5	20	-35.0	18.5	20	-15.0	18.5	20
5.0	18.5	20	25.0	18.5	20	45.0	18.5	20	65.0	18.5	20	85.0	18.5	20
105.0	18.5	20	125.0	18.5	20	145.0	18.5	20	165.0	18.5	20	185.0	18.5	20
205.0	18.5	20	225.0	18.5	20	245.0	18.5	20	265.0	18.5	20	285.0	18.5	20
305.0	18.5	20	325.0	18.5	20	345.0	18.5	20	365.0	18.5	20	385.0	18.5	20
405.0	18.5	20	425.0	18.5	20	445.0	18.5	20	465.0	18.5	20	485.0	18.5	20
505.0	18.5	20	525.0	18.5	20	545.0	18.5	20	565.0	18.5	20	585.0	18.5	20
605.0	18.5	20	625.0	18.5	20	645.0	18.5	20	665.0	18.5	20	685.0	18.5	20
705.0	18.5	20	725.0	18.5	20	745.0	18.5	20	765.0	18.5	20	785.0	18.5	20
805.0	18.5	20	825.0	18.5	20	845.0	18.5	20	865.0	18.5	20	885.0	18.5	20
905.0	18.5	20	925.0	18.5	20									

Sezione a quota 728

Coordinate dei vertici

X	Y
-895.0	25.0
-895.0	143.0
-845.0	143.0
-845.0	25.0
900.0	25.0
900.0	143.0
945.0	143.0
945.0	25.0
945.0	-25.0
-895.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-875.0	-18.5	20	-855.0	-18.5	20	-835.0	-18.5	20	-815.0	-18.5	20	-795.0	-18.5	20
-775.0	-18.5	20	-755.0	-18.5	20	-735.0	-18.5	20	-715.0	-18.5	20	-695.0	-18.5	20
-675.0	-18.5	20	-655.0	-18.5	20	-635.0	-18.5	20	-615.0	-18.5	20	-595.0	-18.5	20
-575.0	-18.5	20	-555.0	-18.5	20	-535.0	-18.5	20	-515.0	-18.5	20	-495.0	-18.5	20
-475.0	-18.5	20	-455.0	-18.5	20	-435.0	-18.5	20	-415.0	-18.5	20	-395.0	-18.5	20
-375.0	-18.5	20	-355.0	-18.5	20	-335.0	-18.5	20	-315.0	-18.5	20	-295.0	-18.5	20
-275.0	-18.5	20	-255.0	-18.5	20	-235.0	-18.5	20	-215.0	-18.5	20	-195.0	-18.5	20
-175.0	-18.5	20	-155.0	-18.5	20	-135.0	-18.5	20	-115.0	-18.5	20	-95.0	-18.5	20
-75.0	-18.5	20	-55.0	-18.5	20	-35.0	-18.5	20	-15.0	-18.5	20	5.0	-18.5	20
25.0	-18.5	20	45.0	-18.5	20	65.0	-18.5	20	85.0	-18.5	20	105.0	-18.5	20
125.0	-18.5	20	145.0	-18.5	20	165.0	-18.5	20	185.0	-18.5	20	205.0	-18.5	20
225.0	-18.5	20	245.0	-18.5	20	265.0	-18.5	20	285.0	-18.5	20	305.0	-18.5	20
325.0	-18.5	20	345.0	-18.5	20	365.0	-18.5	20	385.0	-18.5	20	405.0	-18.5	20
425.0	-18.5	20	445.0	-18.5	20	465.0	-18.5	20	485.0	-18.5	20	505.0	-18.5	20
525.0	-18.5	20	545.0	-18.5	20	565.0	-18.5	20	585.0	-18.5	20	605.0	-18.5	20
625.0	-18.5	20	645.0	-18.5	20	665.0	-18.5	20	685.0	-18.5	20	705.0	-18.5	20
725.0	-18.5	20	745.0	-18.5	20	765.0	-18.5	20	785.0	-18.5	20	805.0	-18.5	20
825.0	-18.5	20	845.0	-18.5	20	865.0	-18.5	20	885.0	-18.5	20	905.0	-18.5	20
925.0	-18.5	20	-875.0	18.5	20	-855.0	18.5	20	-835.0	18.5	20	-815.0	18.5	20
-795.0	18.5	20	-775.0	18.5	20	-755.0	18.5	20	-735.0	18.5	20	-715.0	18.5	20
-695.0	18.5	20	-675.0	18.5	20	-655.0	18.5	20	-635.0	18.5	20	-615.0	18.5	20
-595.0	18.5	20	-575.0	18.5	20	-555.0	18.5	20	-535.0	18.5	20	-515.0	18.5	20
-495.0	18.5	20	-475.0	18.5	20	-455.0	18.5	20	-435.0	18.5	20	-415.0	18.5	20
-395.0	18.5	20	-375.0	18.5	20	-355.0	18.5	20	-335.0	18.5	20	-315.0	18.5	20
-295.0	18.5	20	-275.0	18.5	20	-255.0	18.5	20	-235.0	18.5	20	-215.0	18.5	20
-195.0	18.5	20	-175.0	18.5	20	-155.0	18.5	20	-135.0	18.5	20	-115.0	18.5	20
-95.0	18.5	20	-75.0	18.5	20	-55.0	18.5	20	-35.0	18.5	20	-15.0	18.5	20
5.0	18.5	20	25.0	18.5	20	45.0	18.5	20	65.0	18.5	20	85.0	18.5	20
105.0	18.5	20	125.0	18.5	20	145.0	18.5	20	165.0	18.5	20	185.0	18.5	20

205.0	18.5	20	225.0	18.5	20	245.0	18.5	20	265.0	18.5	20	285.0	18.5	20
305.0	18.5	20	325.0	18.5	20	345.0	18.5	20	365.0	18.5	20	385.0	18.5	20
405.0	18.5	20	425.0	18.5	20	445.0	18.5	20	465.0	18.5	20	485.0	18.5	20
505.0	18.5	20	525.0	18.5	20	545.0	18.5	20	565.0	18.5	20	585.0	18.5	20
605.0	18.5	20	625.0	18.5	20	645.0	18.5	20	665.0	18.5	20	685.0	18.5	20
705.0	18.5	20	725.0	18.5	20	745.0	18.5	20	765.0	18.5	20	785.0	18.5	20
805.0	18.5	20	825.0	18.5	20	845.0	18.5	20	865.0	18.5	20	885.0	18.5	20
905.0	18.5	20	925.0	18.5	20									

Sezione a quota 729
Coordinate dei vertici

X	Y
-895.0	25.0
-895.0	142.9
-845.0	142.9
-845.0	25.0
900.0	25.0
900.0	142.9
945.0	142.9
945.0	25.0
945.0	-25.0
-895.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-875.0	-18.5	20	-855.0	-18.5	20	-835.0	-18.5	20	-815.0	-18.5	20	-795.0	-18.5	20
-775.0	-18.5	20	-755.0	-18.5	20	-735.0	-18.5	20	-715.0	-18.5	20	-695.0	-18.5	20
-675.0	-18.5	20	-655.0	-18.5	20	-635.0	-18.5	20	-615.0	-18.5	20	-595.0	-18.5	20
-575.0	-18.5	20	-555.0	-18.5	20	-535.0	-18.5	20	-515.0	-18.5	20	-495.0	-18.5	20
-475.0	-18.5	20	-455.0	-18.5	20	-435.0	-18.5	20	-415.0	-18.5	20	-395.0	-18.5	20
-375.0	-18.5	20	-355.0	-18.5	20	-335.0	-18.5	20	-315.0	-18.5	20	-295.0	-18.5	20
-275.0	-18.5	20	-255.0	-18.5	20	-235.0	-18.5	20	-215.0	-18.5	20	-195.0	-18.5	20
-175.0	-18.5	20	-155.0	-18.5	20	-135.0	-18.5	20	-115.0	-18.5	20	-95.0	-18.5	20
-75.0	-18.5	20	-55.0	-18.5	20	-35.0	-18.5	20	-15.0	-18.5	20	5.0	-18.5	20
25.0	-18.5	20	45.0	-18.5	20	65.0	-18.5	20	85.0	-18.5	20	105.0	-18.5	20
125.0	-18.5	20	145.0	-18.5	20	165.0	-18.5	20	185.0	-18.5	20	205.0	-18.5	20
225.0	-18.5	20	245.0	-18.5	20	265.0	-18.5	20	285.0	-18.5	20	305.0	-18.5	20
325.0	-18.5	20	345.0	-18.5	20	365.0	-18.5	20	385.0	-18.5	20	405.0	-18.5	20
425.0	-18.5	20	445.0	-18.5	20	465.0	-18.5	20	485.0	-18.5	20	505.0	-18.5	20
525.0	-18.5	20	545.0	-18.5	20	565.0	-18.5	20	585.0	-18.5	20	605.0	-18.5	20
625.0	-18.5	20	645.0	-18.5	20	665.0	-18.5	20	685.0	-18.5	20	705.0	-18.5	20
725.0	-18.5	20	745.0	-18.5	20	765.0	-18.5	20	785.0	-18.5	20	805.0	-18.5	20
825.0	-18.5	20	845.0	-18.5	20	865.0	-18.5	20	885.0	-18.5	20	905.0	-18.5	20
925.0	-18.5	20	-875.0	18.5	20	-855.0	18.5	20	-835.0	18.5	20	-815.0	18.5	20
-795.0	18.5	20	-775.0	18.5	20	-755.0	18.5	20	-735.0	18.5	20	-715.0	18.5	20
-695.0	18.5	20	-675.0	18.5	20	-655.0	18.5	20	-635.0	18.5	20	-615.0	18.5	20
-595.0	18.5	20	-575.0	18.5	20	-555.0	18.5	20	-535.0	18.5	20	-515.0	18.5	20
-495.0	18.5	20	-475.0	18.5	20	-455.0	18.5	20	-435.0	18.5	20	-415.0	18.5	20
-395.0	18.5	20	-375.0	18.5	20	-355.0	18.5	20	-335.0	18.5	20	-315.0	18.5	20
-295.0	18.5	20	-275.0	18.5	20	-255.0	18.5	20	-235.0	18.5	20	-215.0	18.5	20
-195.0	18.5	20	-175.0	18.5	20	-155.0	18.5	20	-135.0	18.5	20	-115.0	18.5	20
-95.0	18.5	20	-75.0	18.5	20	-55.0	18.5	20	-35.0	18.5	20	-15.0	18.5	20
5.0	18.5	20	25.0	18.5	20	45.0	18.5	20	65.0	18.5	20	85.0	18.5	20
105.0	18.5	20	125.0	18.5	20	145.0	18.5	20	165.0	18.5	20	185.0	18.5	20
205.0	18.5	20	225.0	18.5	20	245.0	18.5	20	265.0	18.5	20	285.0	18.5	20
305.0	18.5	20	325.0	18.5	20	345.0	18.5	20	365.0	18.5	20	385.0	18.5	20
405.0	18.5	20	425.0	18.5	20	445.0	18.5	20	465.0	18.5	20	485.0	18.5	20
505.0	18.5	20	525.0	18.5	20	545.0	18.5	20	565.0	18.5	20	585.0	18.5	20
605.0	18.5	20	625.0	18.5	20	645.0	18.5	20	665.0	18.5	20	685.0	18.5	20
705.0	18.5	20	725.0	18.5	20	745.0	18.5	20	765.0	18.5	20	785.0	18.5	20
805.0	18.5	20	825.0	18.5	20	845.0	18.5	20	865.0	18.5	20	885.0	18.5	20
905.0	18.5	20	925.0	18.5	20									

Sezione a quota 729
Coordinate dei vertici

X	Y
-895.0	25.0
-895.0	142.8
-845.0	142.8
-845.0	25.0
900.0	25.0
900.0	142.8
945.0	142.8
945.0	25.0
945.0	-25.0
-895.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-875.0	-18.5	20	-855.0	-18.5	20	-835.0	-18.5	20	-815.0	-18.5	20	-795.0	-18.5	20
-775.0	-18.5	20	-755.0	-18.5	20	-735.0	-18.5	20	-715.0	-18.5	20	-695.0	-18.5	20
-675.0	-18.5	20	-655.0	-18.5	20	-635.0	-18.5	20	-615.0	-18.5	20	-595.0	-18.5	20
-575.0	-18.5	20	-555.0	-18.5	20	-535.0	-18.5	20	-515.0	-18.5	20	-495.0	-18.5	20
-475.0	-18.5	20	-455.0	-18.5	20	-435.0	-18.5	20	-415.0	-18.5	20	-395.0	-18.5	20
-375.0	-18.5	20	-355.0	-18.5	20	-335.0	-18.5	20	-315.0	-18.5	20	-295.0	-18.5	20
-275.0	-18.5	20	-255.0	-18.5	20	-235.0	-18.5	20	-215.0	-18.5	20	-195.0	-18.5	20
-175.0	-18.5	20	-155.0	-18.5	20	-135.0	-18.5	20	-115.0	-18.5	20	-95.0	-18.5	20
-75.0	-18.5	20	-55.0	-18.5	20	-35.0	-18.5	20	-15.0	-18.5	20	5.0	-18.5	20
25.0	-18.5	20	45.0	-18.5	20	65.0	-18.5	20	85.0	-18.5	20	105.0	-18.5	20
125.0	-18.5	20	145.0	-18.5	20	165.0	-18.5	20	185.0	-18.5	20	205.0	-18.5	20
225.0	-18.5	20	245.0	-18.5	20	265.0	-18.5	20	285.0	-18.5	20	305.0	-18.5	20
325.0	-18.5	20	345.0	-18.5	20	365.0	-18.5	20	385.0	-18.5	20	405.0	-18.5	20
425.0	-18.5	20	445.0	-18.5	20	465.0	-18.5	20	485.0	-18.5	20	505.0	-18.5	20
525.0	-18.5	20	545.0	-18.5	20	565.0	-18.5	20	585.0	-18.5	20	605.0	-18.5	20

625.0	-18.5	20	645.0	-18.5	20	665.0	-18.5	20	685.0	-18.5	20	705.0	-18.5	20
725.0	-18.5	20	745.0	-18.5	20	765.0	-18.5	20	785.0	-18.5	20	805.0	-18.5	20
825.0	-18.5	20	845.0	-18.5	20	865.0	-18.5	20	885.0	-18.5	20	905.0	-18.5	20
925.0	-18.5	20	-875.0	18.5	20	-855.0	18.5	20	-835.0	18.5	20	-815.0	18.5	20
-795.0	18.5	20	-775.0	18.5	20	-755.0	18.5	20	-735.0	18.5	20	-715.0	18.5	20
-695.0	18.5	20	-675.0	18.5	20	-655.0	18.5	20	-635.0	18.5	20	-615.0	18.5	20
-595.0	18.5	20	-575.0	18.5	20	-555.0	18.5	20	-535.0	18.5	20	-515.0	18.5	20
-495.0	18.5	20	-475.0	18.5	20	-455.0	18.5	20	-435.0	18.5	20	-415.0	18.5	20
-395.0	18.5	20	-375.0	18.5	20	-355.0	18.5	20	-335.0	18.5	20	-315.0	18.5	20
-295.0	18.5	20	-275.0	18.5	20	-255.0	18.5	20	-235.0	18.5	20	-215.0	18.5	20
-195.0	18.5	20	-175.0	18.5	20	-155.0	18.5	20	-135.0	18.5	20	-115.0	18.5	20
-95.0	18.5	20	-75.0	18.5	20	-55.0	18.5	20	-35.0	18.5	20	-15.0	18.5	20
5.0	18.5	20	25.0	18.5	20	45.0	18.5	20	65.0	18.5	20	85.0	18.5	20
105.0	18.5	20	125.0	18.5	20	145.0	18.5	20	165.0	18.5	20	185.0	18.5	20
205.0	18.5	20	225.0	18.5	20	245.0	18.5	20	265.0	18.5	20	285.0	18.5	20
305.0	18.5	20	325.0	18.5	20	345.0	18.5	20	365.0	18.5	20	385.0	18.5	20
405.0	18.5	20	425.0	18.5	20	445.0	18.5	20	465.0	18.5	20	485.0	18.5	20
505.0	18.5	20	525.0	18.5	20	545.0	18.5	20	565.0	18.5	20	585.0	18.5	20
605.0	18.5	20	625.0	18.5	20	645.0	18.5	20	665.0	18.5	20	685.0	18.5	20
705.0	18.5	20	725.0	18.5	20	745.0	18.5	20	765.0	18.5	20	785.0	18.5	20
805.0	18.5	20	825.0	18.5	20	845.0	18.5	20	865.0	18.5	20	885.0	18.5	20
905.0	18.5	20	925.0	18.5	20									

Sezione a quota 731

Coordinate dei vertici

X	Y
-895.0	25.0
-895.0	142.3
-845.0	142.3
-845.0	25.0
900.0	25.0
900.0	142.3
945.0	142.3
945.0	25.0
945.0	-25.0
-895.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-875.0	-18.5	20	-855.0	-18.5	20	-835.0	-18.5	20	-815.0	-18.5	20	-795.0	-18.5	20
-775.0	-18.5	20	-755.0	-18.5	20	-735.0	-18.5	20	-715.0	-18.5	20	-695.0	-18.5	20
-675.0	-18.5	20	-655.0	-18.5	20	-635.0	-18.5	20	-615.0	-18.5	20	-595.0	-18.5	20
-575.0	-18.5	20	-555.0	-18.5	20	-535.0	-18.5	20	-515.0	-18.5	20	-495.0	-18.5	20
-475.0	-18.5	20	-455.0	-18.5	20	-435.0	-18.5	20	-415.0	-18.5	20	-395.0	-18.5	20
-375.0	-18.5	20	-355.0	-18.5	20	-335.0	-18.5	20	-315.0	-18.5	20	-295.0	-18.5	20
-275.0	-18.5	20	-255.0	-18.5	20	-235.0	-18.5	20	-215.0	-18.5	20	-195.0	-18.5	20
-175.0	-18.5	20	-155.0	-18.5	20	-135.0	-18.5	20	-115.0	-18.5	20	-95.0	-18.5	20
-75.0	-18.5	20	-55.0	-18.5	20	-35.0	-18.5	20	-15.0	-18.5	20	5.0	-18.5	20
25.0	-18.5	20	45.0	-18.5	20	65.0	-18.5	20	85.0	-18.5	20	105.0	-18.5	20
125.0	-18.5	20	145.0	-18.5	20	165.0	-18.5	20	185.0	-18.5	20	205.0	-18.5	20
225.0	-18.5	20	245.0	-18.5	20	265.0	-18.5	20	285.0	-18.5	20	305.0	-18.5	20
325.0	-18.5	20	345.0	-18.5	20	365.0	-18.5	20	385.0	-18.5	20	405.0	-18.5	20
425.0	-18.5	20	445.0	-18.5	20	465.0	-18.5	20	485.0	-18.5	20	505.0	-18.5	20
525.0	-18.5	20	545.0	-18.5	20	565.0	-18.5	20	585.0	-18.5	20	605.0	-18.5	20
625.0	-18.5	20	645.0	-18.5	20	665.0	-18.5	20	685.0	-18.5	20	705.0	-18.5	20
725.0	-18.5	20	745.0	-18.5	20	765.0	-18.5	20	785.0	-18.5	20	805.0	-18.5	20
825.0	-18.5	20	845.0	-18.5	20	865.0	-18.5	20	885.0	-18.5	20	905.0	-18.5	20
925.0	-18.5	20	-875.0	18.5	20	-855.0	18.5	20	-835.0	18.5	20	-815.0	18.5	20
-795.0	18.5	20	-775.0	18.5	20	-755.0	18.5	20	-735.0	18.5	20	-715.0	18.5	20
-695.0	18.5	20	-675.0	18.5	20	-655.0	18.5	20	-635.0	18.5	20	-615.0	18.5	20
-595.0	18.5	20	-575.0	18.5	20	-555.0	18.5	20	-535.0	18.5	20	-515.0	18.5	20
-495.0	18.5	20	-475.0	18.5	20	-455.0	18.5	20	-435.0	18.5	20	-415.0	18.5	20
-395.0	18.5	20	-375.0	18.5	20	-355.0	18.5	20	-335.0	18.5	20	-315.0	18.5	20
-295.0	18.5	20	-275.0	18.5	20	-255.0	18.5	20	-235.0	18.5	20	-215.0	18.5	20
-195.0	18.5	20	-175.0	18.5	20	-155.0	18.5	20	-135.0	18.5	20	-115.0	18.5	20
-95.0	18.5	20	-75.0	18.5	20	-55.0	18.5	20	-35.0	18.5	20	-15.0	18.5	20
5.0	18.5	20	25.0	18.5	20	45.0	18.5	20	65.0	18.5	20	85.0	18.5	20
105.0	18.5	20	125.0	18.5	20	145.0	18.5	20	165.0	18.5	20	185.0	18.5	20
205.0	18.5	20	225.0	18.5	20	245.0	18.5	20	265.0	18.5	20	285.0	18.5	20
305.0	18.5	20	325.0	18.5	20	345.0	18.5	20	365.0	18.5	20	385.0	18.5	20
405.0	18.5	20	425.0	18.5	20	445.0	18.5	20	465.0	18.5	20	485.0	18.5	20
505.0	18.5	20	525.0	18.5	20	545.0	18.5	20	565.0	18.5	20	585.0	18.5	20
605.0	18.5	20	625.0	18.5	20	645.0	18.5	20	665.0	18.5	20	685.0	18.5	20
705.0	18.5	20	725.0	18.5	20	745.0	18.5	20	765.0	18.5	20	785.0	18.5	20
805.0	18.5	20	825.0	18.5	20	845.0	18.5	20	865.0	18.5	20	885.0	18.5	20
905.0	18.5	20	925.0	18.5	20									

Sezione a quota 951

Coordinate dei vertici

X	Y
-895.0	25.0
-895.0	87.3
-845.0	87.3
-845.0	25.0
900.0	25.0
900.0	87.3
945.0	87.3
945.0	25.0
945.0	-25.0
-895.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-875.0	-18.5	20	-855.0	-18.5	20	-835.0	-18.5	20	-815.0	-18.5	20	-795.0	-18.5	20

-775.0	-18.5	20	-755.0	-18.5	20	-735.0	-18.5	20	-715.0	-18.5	20	-695.0	-18.5	20
-675.0	-18.5	20	-655.0	-18.5	20	-635.0	-18.5	20	-615.0	-18.5	20	-595.0	-18.5	20
-575.0	-18.5	20	-555.0	-18.5	20	-535.0	-18.5	20	-515.0	-18.5	20	-495.0	-18.5	20
-475.0	-18.5	20	-455.0	-18.5	20	-435.0	-18.5	20	-415.0	-18.5	20	-395.0	-18.5	20
-375.0	-18.5	20	-355.0	-18.5	20	-335.0	-18.5	20	-315.0	-18.5	20	-295.0	-18.5	20
-275.0	-18.5	20	-255.0	-18.5	20	-235.0	-18.5	20	-215.0	-18.5	20	-195.0	-18.5	20
-175.0	-18.5	20	-155.0	-18.5	20	-135.0	-18.5	20	-115.0	-18.5	20	-95.0	-18.5	20
-75.0	-18.5	20	-55.0	-18.5	20	-35.0	-18.5	20	-15.0	-18.5	20	5.0	-18.5	20
25.0	-18.5	20	45.0	-18.5	20	65.0	-18.5	20	85.0	-18.5	20	105.0	-18.5	20
125.0	-18.5	20	145.0	-18.5	20	165.0	-18.5	20	185.0	-18.5	20	205.0	-18.5	20
225.0	-18.5	20	245.0	-18.5	20	265.0	-18.5	20	285.0	-18.5	20	305.0	-18.5	20
325.0	-18.5	20	345.0	-18.5	20	365.0	-18.5	20	385.0	-18.5	20	405.0	-18.5	20
425.0	-18.5	20	445.0	-18.5	20	465.0	-18.5	20	485.0	-18.5	20	505.0	-18.5	20
525.0	-18.5	20	545.0	-18.5	20	565.0	-18.5	20	585.0	-18.5	20	605.0	-18.5	20
625.0	-18.5	20	645.0	-18.5	20	665.0	-18.5	20	685.0	-18.5	20	705.0	-18.5	20
725.0	-18.5	20	745.0	-18.5	20	765.0	-18.5	20	785.0	-18.5	20	805.0	-18.5	20
825.0	-18.5	20	845.0	-18.5	20	865.0	-18.5	20	885.0	-18.5	20	905.0	-18.5	20
925.0	-18.5	20	-875.0	18.5	20	-855.0	18.5	20	-835.0	18.5	20	-815.0	18.5	20
-795.0	18.5	20	-775.0	18.5	20	-755.0	18.5	20	-735.0	18.5	20	-715.0	18.5	20
-695.0	18.5	20	-675.0	18.5	20	-655.0	18.5	20	-635.0	18.5	20	-615.0	18.5	20
-595.0	18.5	20	-575.0	18.5	20	-555.0	18.5	20	-535.0	18.5	20	-515.0	18.5	20
-495.0	18.5	20	-475.0	18.5	20	-455.0	18.5	20	-435.0	18.5	20	-415.0	18.5	20
-395.0	18.5	20	-375.0	18.5	20	-355.0	18.5	20	-335.0	18.5	20	-315.0	18.5	20
-295.0	18.5	20	-275.0	18.5	20	-255.0	18.5	20	-235.0	18.5	20	-215.0	18.5	20
-195.0	18.5	20	-175.0	18.5	20	-155.0	18.5	20	-135.0	18.5	20	-115.0	18.5	20
-95.0	18.5	20	-75.0	18.5	20	-55.0	18.5	20	-35.0	18.5	20	-15.0	18.5	20
5.0	18.5	20	25.0	18.5	20	45.0	18.5	20	65.0	18.5	20	85.0	18.5	20
105.0	18.5	20	125.0	18.5	20	145.0	18.5	20	165.0	18.5	20	185.0	18.5	20
205.0	18.5	20	225.0	18.5	20	245.0	18.5	20	265.0	18.5	20	285.0	18.5	20
305.0	18.5	20	325.0	18.5	20	345.0	18.5	20	365.0	18.5	20	385.0	18.5	20
405.0	18.5	20	425.0	18.5	20	445.0	18.5	20	465.0	18.5	20	485.0	18.5	20
505.0	18.5	20	525.0	18.5	20	545.0	18.5	20	565.0	18.5	20	585.0	18.5	20
605.0	18.5	20	625.0	18.5	20	645.0	18.5	20	665.0	18.5	20	685.0	18.5	20
705.0	18.5	20	725.0	18.5	20	745.0	18.5	20	765.0	18.5	20	785.0	18.5	20
805.0	18.5	20	825.0	18.5	20	845.0	18.5	20	865.0	18.5	20	885.0	18.5	20
905.0	18.5	20	925.0	18.5	20									

Sezione a quota 1171
Coordinate dei vertici

X	Y
-895.0	-25.0
-895.0	25.0
945.0	25.0
945.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-875.0	-18.5	20	-855.0	-18.5	20	-835.0	-18.5	20	-815.0	-18.5	20	-795.0	-18.5	20
-775.0	-18.5	20	-755.0	-18.5	20	-735.0	-18.5	20	-715.0	-18.5	20	-695.0	-18.5	20
-675.0	-18.5	20	-655.0	-18.5	20	-635.0	-18.5	20	-615.0	-18.5	20	-595.0	-18.5	20
-575.0	-18.5	20	-555.0	-18.5	20	-535.0	-18.5	20	-515.0	-18.5	20	-495.0	-18.5	20
-475.0	-18.5	20	-455.0	-18.5	20	-435.0	-18.5	20	-415.0	-18.5	20	-395.0	-18.5	20
-375.0	-18.5	20	-355.0	-18.5	20	-335.0	-18.5	20	-315.0	-18.5	20	-295.0	-18.5	20
-275.0	-18.5	20	-255.0	-18.5	20	-235.0	-18.5	20	-215.0	-18.5	20	-195.0	-18.5	20
-175.0	-18.5	20	-155.0	-18.5	20	-135.0	-18.5	20	-115.0	-18.5	20	-95.0	-18.5	20
-75.0	-18.5	20	-55.0	-18.5	20	-35.0	-18.5	20	-15.0	-18.5	20	5.0	-18.5	20
25.0	-18.5	20	45.0	-18.5	20	65.0	-18.5	20	85.0	-18.5	20	105.0	-18.5	20
125.0	-18.5	20	145.0	-18.5	20	165.0	-18.5	20	185.0	-18.5	20	205.0	-18.5	20
225.0	-18.5	20	245.0	-18.5	20	265.0	-18.5	20	285.0	-18.5	20	305.0	-18.5	20
325.0	-18.5	20	345.0	-18.5	20	365.0	-18.5	20	385.0	-18.5	20	405.0	-18.5	20
425.0	-18.5	20	445.0	-18.5	20	465.0	-18.5	20	485.0	-18.5	20	505.0	-18.5	20
525.0	-18.5	20	545.0	-18.5	20	565.0	-18.5	20	585.0	-18.5	20	605.0	-18.5	20
625.0	-18.5	20	645.0	-18.5	20	665.0	-18.5	20	685.0	-18.5	20	705.0	-18.5	20
725.0	-18.5	20	745.0	-18.5	20	765.0	-18.5	20	785.0	-18.5	20	805.0	-18.5	20
825.0	-18.5	20	845.0	-18.5	20	865.0	-18.5	20	885.0	-18.5	20	905.0	-18.5	20
925.0	-18.5	20	-875.0	18.5	20	-855.0	18.5	20	-835.0	18.5	20	-815.0	18.5	20
-795.0	18.5	20	-775.0	18.5	20	-755.0	18.5	20	-735.0	18.5	20	-715.0	18.5	20
-695.0	18.5	20	-675.0	18.5	20	-655.0	18.5	20	-635.0	18.5	20	-615.0	18.5	20
-595.0	18.5	20	-575.0	18.5	20	-555.0	18.5	20	-535.0	18.5	20	-515.0	18.5	20
-495.0	18.5	20	-475.0	18.5	20	-455.0	18.5	20	-435.0	18.5	20	-415.0	18.5	20
-395.0	18.5	20	-375.0	18.5	20	-355.0	18.5	20	-335.0	18.5	20	-315.0	18.5	20
-295.0	18.5	20	-275.0	18.5	20	-255.0	18.5	20	-235.0	18.5	20	-215.0	18.5	20
-195.0	18.5	20	-175.0	18.5	20	-155.0	18.5	20	-135.0	18.5	20	-115.0	18.5	20
-95.0	18.5	20	-75.0	18.5	20	-55.0	18.5	20	-35.0	18.5	20	-15.0	18.5	20
5.0	18.5	20	25.0	18.5	20	45.0	18.5	20	65.0	18.5	20	85.0	18.5	20
105.0	18.5	20	125.0	18.5	20	145.0	18.5	20	165.0	18.5	20	185.0	18.5	20
205.0	18.5	20	225.0	18.5	20	245.0	18.5	20	265.0	18.5	20	285.0	18.5	20
305.0	18.5	20	325.0	18.5	20	345.0	18.5	20	365.0	18.5	20	385.0	18.5	20
405.0	18.5	20	425.0	18.5	20	445.0	18.5	20	465.0	18.5	20	485.0	18.5	20
505.0	18.5	20	525.0	18.5	20	545.0	18.5	20	565.0	18.5	20	585.0	18.5	20
605.0	18.5	20	625.0	18.5	20	645.0	18.5	20	665.0	18.5	20	685.0	18.5	20
705.0	18.5	20	725.0	18.5	20	745.0	18.5	20	765.0	18.5	20	785.0	18.5	20
805.0	18.5	20	825.0	18.5	20	845.0	18.5	20	865.0	18.5	20	885.0	18.5	20
905.0	18.5	20	925.0	18.5	20									

Sezione a quota 1173
Coordinate dei vertici

X	Y
-895.0	-25.0
-895.0	25.0
945.0	25.0
945.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-875.0	-18.5	20	-855.0	-18.5	20	-835.0	-18.5	20	-815.0	-18.5	20	-795.0	-18.5	20
-775.0	-18.5	20	-755.0	-18.5	20	-735.0	-18.5	20	-715.0	-18.5	20	-695.0	-18.5	20
-675.0	-18.5	20	-655.0	-18.5	20	-635.0	-18.5	20	-615.0	-18.5	20	-595.0	-18.5	20
-575.0	-18.5	20	-555.0	-18.5	20	-535.0	-18.5	20	-515.0	-18.5	20	-495.0	-18.5	20
-475.0	-18.5	20	-455.0	-18.5	20	-435.0	-18.5	20	-415.0	-18.5	20	-395.0	-18.5	20
-375.0	-18.5	20	-355.0	-18.5	20	-335.0	-18.5	20	-315.0	-18.5	20	-295.0	-18.5	20
-275.0	-18.5	20	-255.0	-18.5	20	-235.0	-18.5	20	-215.0	-18.5	20	-195.0	-18.5	20
-175.0	-18.5	20	-155.0	-18.5	20	-135.0	-18.5	20	-115.0	-18.5	20	-95.0	-18.5	20
-75.0	-18.5	20	-55.0	-18.5	20	-35.0	-18.5	20	-15.0	-18.5	20	5.0	-18.5	20
25.0	-18.5	20	45.0	-18.5	20	65.0	-18.5	20	85.0	-18.5	20	105.0	-18.5	20
125.0	-18.5	20	145.0	-18.5	20	165.0	-18.5	20	185.0	-18.5	20	205.0	-18.5	20
225.0	-18.5	20	245.0	-18.5	20	265.0	-18.5	20	285.0	-18.5	20	305.0	-18.5	20
325.0	-18.5	20	345.0	-18.5	20	365.0	-18.5	20	385.0	-18.5	20	405.0	-18.5	20
425.0	-18.5	20	445.0	-18.5	20	465.0	-18.5	20	485.0	-18.5	20	505.0	-18.5	20
525.0	-18.5	20	545.0	-18.5	20	565.0	-18.5	20	585.0	-18.5	20	605.0	-18.5	20
625.0	-18.5	20	645.0	-18.5	20	665.0	-18.5	20	685.0	-18.5	20	705.0	-18.5	20
725.0	-18.5	20	745.0	-18.5	20	765.0	-18.5	20	785.0	-18.5	20	805.0	-18.5	20
825.0	-18.5	20	845.0	-18.5	20	865.0	-18.5	20	885.0	-18.5	20	905.0	-18.5	20
925.0	-18.5	20	-875.0	18.5	20	-855.0	18.5	20	-835.0	18.5	20	-815.0	18.5	20
-795.0	18.5	20	-775.0	18.5	20	-755.0	18.5	20	-735.0	18.5	20	-715.0	18.5	20
-695.0	18.5	20	-675.0	18.5	20	-655.0	18.5	20	-635.0	18.5	20	-615.0	18.5	20
-595.0	18.5	20	-575.0	18.5	20	-555.0	18.5	20	-535.0	18.5	20	-515.0	18.5	20
-495.0	18.5	20	-475.0	18.5	20	-455.0	18.5	20	-435.0	18.5	20	-415.0	18.5	20
-395.0	18.5	20	-375.0	18.5	20	-355.0	18.5	20	-335.0	18.5	20	-315.0	18.5	20
-295.0	18.5	20	-275.0	18.5	20	-255.0	18.5	20	-235.0	18.5	20	-215.0	18.5	20
-195.0	18.5	20	-175.0	18.5	20	-155.0	18.5	20	-135.0	18.5	20	-115.0	18.5	20
-95.0	18.5	20	-75.0	18.5	20	-55.0	18.5	20	-35.0	18.5	20	-15.0	18.5	20
5.0	18.5	20	25.0	18.5	20	45.0	18.5	20	65.0	18.5	20	85.0	18.5	20
105.0	18.5	20	125.0	18.5	20	145.0	18.5	20	165.0	18.5	20	185.0	18.5	20
205.0	18.5	20	225.0	18.5	20	245.0	18.5	20	265.0	18.5	20	285.0	18.5	20
305.0	18.5	20	325.0	18.5	20	345.0	18.5	20	365.0	18.5	20	385.0	18.5	20
405.0	18.5	20	425.0	18.5	20	445.0	18.5	20	465.0	18.5	20	485.0	18.5	20
505.0	18.5	20	525.0	18.5	20	545.0	18.5	20	565.0	18.5	20	585.0	18.5	20
605.0	18.5	20	625.0	18.5	20	645.0	18.5	20	665.0	18.5	20	685.0	18.5	20
705.0	18.5	20	725.0	18.5	20	745.0	18.5	20	765.0	18.5	20	785.0	18.5	20
805.0	18.5	20	825.0	18.5	20	845.0	18.5	20	865.0	18.5	20	885.0	18.5	20
905.0	18.5	20	925.0	18.5	20									

Sezione a quota 1236

Coordinate dei vertici

X	Y
-895.0	-25.0
-895.0	25.0
945.0	25.0
945.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-875.0	-18.5	20	-855.0	-18.5	20	-835.0	-18.5	20	-815.0	-18.5	20	-795.0	-18.5	20
-775.0	-18.5	20	-755.0	-18.5	20	-735.0	-18.5	20	-715.0	-18.5	20	-695.0	-18.5	20
-675.0	-18.5	20	-655.0	-18.5	20	-635.0	-18.5	20	-615.0	-18.5	20	-595.0	-18.5	20
-575.0	-18.5	20	-555.0	-18.5	20	-535.0	-18.5	20	-515.0	-18.5	20	-495.0	-18.5	20
-475.0	-18.5	20	-455.0	-18.5	20	-435.0	-18.5	20	-415.0	-18.5	20	-395.0	-18.5	20
-375.0	-18.5	20	-355.0	-18.5	20	-335.0	-18.5	20	-315.0	-18.5	20	-295.0	-18.5	20
-275.0	-18.5	20	-255.0	-18.5	20	-235.0	-18.5	20	-215.0	-18.5	20	-195.0	-18.5	20
-175.0	-18.5	20	-155.0	-18.5	20	-135.0	-18.5	20	-115.0	-18.5	20	-95.0	-18.5	20
-75.0	-18.5	20	-55.0	-18.5	20	-35.0	-18.5	20	-15.0	-18.5	20	5.0	-18.5	20
25.0	-18.5	20	45.0	-18.5	20	65.0	-18.5	20	85.0	-18.5	20	105.0	-18.5	20
125.0	-18.5	20	145.0	-18.5	20	165.0	-18.5	20	185.0	-18.5	20	205.0	-18.5	20
225.0	-18.5	20	245.0	-18.5	20	265.0	-18.5	20	285.0	-18.5	20	305.0	-18.5	20
325.0	-18.5	20	345.0	-18.5	20	365.0	-18.5	20	385.0	-18.5	20	405.0	-18.5	20
425.0	-18.5	20	445.0	-18.5	20	465.0	-18.5	20	485.0	-18.5	20	505.0	-18.5	20
525.0	-18.5	20	545.0	-18.5	20	565.0	-18.5	20	585.0	-18.5	20	605.0	-18.5	20
625.0	-18.5	20	645.0	-18.5	20	665.0	-18.5	20	685.0	-18.5	20	705.0	-18.5	20
725.0	-18.5	20	745.0	-18.5	20	765.0	-18.5	20	785.0	-18.5	20	805.0	-18.5	20
825.0	-18.5	20	845.0	-18.5	20	865.0	-18.5	20	885.0	-18.5	20	905.0	-18.5	20
925.0	-18.5	20	-875.0	18.5	20	-855.0	18.5	20	-835.0	18.5	20	-815.0	18.5	20
-795.0	18.5	20	-775.0	18.5	20	-755.0	18.5	20	-735.0	18.5	20	-715.0	18.5	20
-695.0	18.5	20	-675.0	18.5	20	-655.0	18.5	20	-635.0	18.5	20	-615.0	18.5	20
-595.0	18.5	20	-575.0	18.5	20	-555.0	18.5	20	-535.0	18.5	20	-515.0	18.5	20
-495.0	18.5	20	-475.0	18.5	20	-455.0	18.5	20	-435.0	18.5	20	-415.0	18.5	20
-395.0	18.5	20	-375.0	18.5	20	-355.0	18.5	20	-335.0	18.5	20	-315.0	18.5	20
-295.0	18.5	20	-275.0	18.5	20	-255.0	18.5	20	-235.0	18.5	20	-215.0	18.5	20
-195.0	18.5	20	-175.0	18.5	20	-155.0	18.5	20	-135.0	18.5	20	-115.0	18.5	20
-95.0	18.5	20	-75.0	18.5	20	-55.0	18.5	20	-35.0	18.5	20	-15.0	18.5	20
5.0	18.5	20	25.0	18.5	20	45.0	18.5	20	65.0	18.5	20	85.0	18.5	20
105.0	18.5	20	125.0	18.5	20	145.0	18.5	20	165.0	18.5	20	185.0	18.5	20
205.0	18.5	20	225.0	18.5	20	245.0	18.5	20	265.0	18.5	20	285.0	18.5	20
305.0	18.5	20	325.0	18.5	20	345.0	18.5	20	365.0	18.5	20	385.0	18.5	20
405.0	18.5	20	425.0	18.5	20	445.0	18.5	20	465.0	18.5	20	485.0	18.5	20
505.0	18.5	20	525.0	18.5	20	545.0	18.5	20	565.0	18.5	20	585.0	18.5	20
605.0	18.5	20	625.0	18.5	20	645.0	18.5	20	665.0	18.5	20	685.0	18.5	20
705.0	18.5	20	725.0	18.5	20	745.0	18.5	20	765.0	18.5	20	785.0	18.5	20
805.0	18.5	20	825.0	18.5	20	845.0	18.5	20	865.0	18.5	20	885.0	18.5	20
905.0	18.5	20	925.0	18.5	20									

Sezione a quota 1299

Coordinate dei vertici

X	Y
-895.0	-25.0
-895.0	25.0
945.0	25.0
945.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-875.0	-18.5	20	-855.0	-18.5	20	-835.0	-18.5	20	-815.0	-18.5	20	-795.0	-18.5	20
-775.0	-18.5	20	-755.0	-18.5	20	-735.0	-18.5	20	-715.0	-18.5	20	-695.0	-18.5	20
-675.0	-18.5	20	-655.0	-18.5	20	-635.0	-18.5	20	-615.0	-18.5	20	-595.0	-18.5	20
-575.0	-18.5	20	-555.0	-18.5	20	-535.0	-18.5	20	-515.0	-18.5	20	-495.0	-18.5	20
-475.0	-18.5	20	-455.0	-18.5	20	-435.0	-18.5	20	-415.0	-18.5	20	-395.0	-18.5	20
-375.0	-18.5	20	-355.0	-18.5	20	-335.0	-18.5	20	-315.0	-18.5	20	-295.0	-18.5	20
-275.0	-18.5	20	-255.0	-18.5	20	-235.0	-18.5	20	-215.0	-18.5	20	-195.0	-18.5	20
-175.0	-18.5	20	-155.0	-18.5	20	-135.0	-18.5	20	-115.0	-18.5	20	-95.0	-18.5	20
-75.0	-18.5	20	-55.0	-18.5	20	-35.0	-18.5	20	-15.0	-18.5	20	5.0	-18.5	20
25.0	-18.5	20	45.0	-18.5	20	65.0	-18.5	20	85.0	-18.5	20	105.0	-18.5	20
125.0	-18.5	20	145.0	-18.5	20	165.0	-18.5	20	185.0	-18.5	20	205.0	-18.5	20
225.0	-18.5	20	245.0	-18.5	20	265.0	-18.5	20	285.0	-18.5	20	305.0	-18.5	20
325.0	-18.5	20	345.0	-18.5	20	365.0	-18.5	20	385.0	-18.5	20	405.0	-18.5	20
425.0	-18.5	20	445.0	-18.5	20	465.0	-18.5	20	485.0	-18.5	20	505.0	-18.5	20
525.0	-18.5	20	545.0	-18.5	20	565.0	-18.5	20	585.0	-18.5	20	605.0	-18.5	20
625.0	-18.5	20	645.0	-18.5	20	665.0	-18.5	20	685.0	-18.5	20	705.0	-18.5	20
725.0	-18.5	20	745.0	-18.5	20	765.0	-18.5	20	785.0	-18.5	20	805.0	-18.5	20
825.0	-18.5	20	845.0	-18.5	20	865.0	-18.5	20	885.0	-18.5	20	905.0	-18.5	20
925.0	-18.5	20	-875.0	18.5	20	-855.0	18.5	20	-835.0	18.5	20	-815.0	18.5	20
-795.0	18.5	20	-775.0	18.5	20	-755.0	18.5	20	-735.0	18.5	20	-715.0	18.5	20
-695.0	18.5	20	-675.0	18.5	20	-655.0	18.5	20	-635.0	18.5	20	-615.0	18.5	20
-595.0	18.5	20	-575.0	18.5	20	-555.0	18.5	20	-535.0	18.5	20	-515.0	18.5	20
-495.0	18.5	20	-475.0	18.5	20	-455.0	18.5	20	-435.0	18.5	20	-415.0	18.5	20
-395.0	18.5	20	-375.0	18.5	20	-355.0	18.5	20	-335.0	18.5	20	-315.0	18.5	20
-295.0	18.5	20	-275.0	18.5	20	-255.0	18.5	20	-235.0	18.5	20	-215.0	18.5	20
-195.0	18.5	20	-175.0	18.5	20	-155.0	18.5	20	-135.0	18.5	20	-115.0	18.5	20
-95.0	18.5	20	-75.0	18.5	20	-55.0	18.5	20	-35.0	18.5	20	-15.0	18.5	20
5.0	18.5	20	25.0	18.5	20	45.0	18.5	20	65.0	18.5	20	85.0	18.5	20
105.0	18.5	20	125.0	18.5	20	145.0	18.5	20	165.0	18.5	20	185.0	18.5	20
205.0	18.5	20	225.0	18.5	20	245.0	18.5	20	265.0	18.5	20	285.0	18.5	20
305.0	18.5	20	325.0	18.5	20	345.0	18.5	20	365.0	18.5	20	385.0	18.5	20
405.0	18.5	20	425.0	18.5	20	445.0	18.5	20	465.0	18.5	20	485.0	18.5	20
505.0	18.5	20	525.0	18.5	20	545.0	18.5	20	565.0	18.5	20	585.0	18.5	20
605.0	18.5	20	625.0	18.5	20	645.0	18.5	20	665.0	18.5	20	685.0	18.5	20
705.0	18.5	20	725.0	18.5	20	745.0	18.5	20	765.0	18.5	20	785.0	18.5	20
805.0	18.5	20	825.0	18.5	20	845.0	18.5	20	865.0	18.5	20	885.0	18.5	20
905.0	18.5	20	925.0	18.5	20									

Verifica eseguita con comportamento non dissipativo
Le condizioni sismiche sono state moltiplicate per i rispettivi fattori di struttura

fcd	fctd	Hcr	q.Hcr	hw	Lw	n.p.	hs
212	16	365	315	1350	1840	10	158

Verifica a pressoflessione

quota	Mxd	Myd	Ned	Ngrav.	NReale	c.s.	comb
-4	12094990	-96692220	-311824	-311824	-311824	2.6399	5 SLU
-4	16999830	-33764080	-126413	-213685	-126413	2.4902	1 SLV
51	7303200	-93984320	-307282	-307282	-307282	17.1030	5 SLU
51	10890830	-32886440	-85381	-210248	-85381	7.3907	3 SLV
105	3378830	-88799800	-284825	-284825	-284825	42.3253	5 SLU
105	-2452345	-85469530	-267888	-195502	-267888	23.8404	16 SLV
107	12696410	-89689630	-382415	-382415	-382415	18.8151	5 SLU
107	19612660	-43827250	-4667	-266312	-4667	10.0822	3 SLV
185	1745214	-81961220	-362603	-362603	-362603	34.6148	7 SLU
185	-4616798	-65020900	-375736	-248921	-375736	15.4528	16 SLV
263	-4653349	-73911460	-334968	-334968	-334968	16.9717	7 SLU
263	-4727693	13001040	51485	-229636	51485	10.6385	7 SLV
265	-4780729	-73732130	-334968	-334968	-334968	16.7350	7 SLU
265	-4806659	13967300	51485	-229636	51485	10.4640	7 SLV
267	-4908109	-73552810	-334968	-334968	-334968	16.5048	7 SLU
267	-4885624	14933560	51485	-229636	51485	10.2950	7 SLV
269	-5032451	-73330860	-334823	-334823	-334823	16.2904	7 SLU
269	-4959751	15993760	51712	-229701	51712	10.1281	7 SLV
271	-5971905	12284570	-566080	-566080	-566080	16.6922	7 SLU
271	-6880856	-30440660	-60555	-389620	-60555	11.8623	3 SLV
433	-9512293	11882480	-482773	-482773	-482773	10.6972	5 SLU
433	-14539530	-977181	-35933	-336824	-35933	3.3951	3 SLV
594	-226282	15836980	-428938	-428938	-428938	44.7394	7 SLU
594	-5460542	23859510	-93608	-294186	-93608	11.4689	1 SLV
596	-50698	15932840	-428938	-428938	-428938	45.5735	7 SLU
596	-5233106	23716590	-93608	-294186	-93608	12.1164	1 SLV
613	1507096	16643640	-419638	-419638	-419638	48.2585	7 SLU
613	-3228871	25076300	-95253	-288126	-95253	22.9599	1 SLV
629	2842517	14473670	-409111	-409111	-409111	49.3381	7 SLU
629	3090832	-18739560	-528517	-281504	-528517	38.1913	14 SLV
631	1124985	5722311	-392243	-392243	-392243	51.2513	7 SLU
631	1940947	-25315930	-515407	-272694	-515407	39.0040	14 SLV
679	1953057	5881592	-375127	-375127	-375127	53.0805	7 SLU
679	2015256	-17116020	-492351	-260670	-492351	40.4426	14 SLV
726	2834035	6577492	-359561	-359561	-359561	54.8473	7 SLU
726	1952026	-32240250	-461786	-249235	-461786	42.7057	14 SLV
728	2872794	6553272	-359561	-359561	-359561	54.8249	7 SLU
728	1949897	-32393560	-462330	-249235	-462330	42.6381	14 SLV
729	2882476	6547225	-359561	-359561	-359561	54.8193	7 SLU
729	1947831	-32428840	-462330	-249235	-462330	42.6338	14 SLV
729	2892157	6541178	-359561	-359561	-359561	54.8137	7 SLU
729	1945766	-32464120	-462330	-249235	-462330	42.6294	14 SLV
731	172861	10538230	-333280	-333280	-333280	59.1120	7 SLU
731	-1484455	-3814494	-368659	-232363	-368659	46.0459	10 SLV

951	444743	4015542	-246301	-246301	-246301	76.3947	7 SLU
951	-3235684	28878410	-125979	-170107	-125979	26.5050	2 SLV
1171	488246	83802	-178600	-178600	-178600	99.7469	7 SLU
1171	-3460269	8810764	-77231	-119583	-77231	21.9632	3 SLV
1173	66060	746102	-149789	-149789	-149789	118.9324	7 SLU
1173	-3987844	9045031	-88953	-99247	-88953	19.2398	2 SLV
1236	40199	1421345	-134828	-134828	-134828	132.1303	7 SLU
1236	-2260867	4000951	-82477	-87910	-82477	51.4571	2 SLV
1299	4614	-618616	-112063	-112063	-112063	158.9720	7 SLU
1299	29563	-3449197	-76965	-70390	-76965	231.4663	10 SLV

Verifica compressione del diagonale

quota	epsilon	VEd	Vrcd	comb
-4	1.00	-32781	1966882	6 SLU
-4	1.00	-246337	1928558	7 SLV
51	1.00	-32778	1965974	6 SLU
51	1.00	-247196	1928138	7 SLV
105	1.00	-29764	1961278	6 SLU
105	1.00	-251133	1917136	7 SLV
107	1.00	-116423	1980388	6 SLU
107	1.00	-493806	1905776	7 SLV
185	1.00	-109030	1975319	6 SLU
185	1.00	-493642	1904850	7 SLV
263	1.00	-101459	1969807	6 SLU
263	1.00	-483131	1904850	7 SLV
265	1.00	-101459	1969807	6 SLU
265	1.00	-483131	1904850	7 SLV
267	1.00	-101459	1969807	6 SLU
267	1.00	-483131	1904850	7 SLV
269	1.00	-101448	1969778	6 SLU
269	1.00	-482575	1904850	7 SLV
271	1.00	-88509	4005625	6 SLU
271	1.00	-497909	3930179	7 SLV
433	1.00	-66763	3990497	6 SLU
433	1.00	-451911	3922232	7 SLV
594	1.00	-58015	3978597	6 SLU
594	1.00	-399651	3919693	7 SLV
596	1.00	-58015	3978597	6 SLU
596	1.00	-399651	3919693	7 SLV
613	1.00	-53026	3976674	6 SLU
613	1.00	-400621	3915629	7 SLV
629	1.00	-17062	3975676	8 SLU
629	1.00	-349015	3938358	11 SLV
631	1.00	11514	3971725	5 SLU
631	1.00	329859	3959770	6 SLV
679	1.00	12871	3968358	5 SLU
679	1.00	320942	3955586	6 SLV
726	1.00	12353	3965336	5 SLU
726	1.00	312791	3956024	6 SLV
728	1.00	12339	3965336	5 SLU
728	1.00	312032	3955998	6 SLV
729	1.00	12339	3965336	5 SLU
729	1.00	312032	3955998	6 SLV
729	1.00	12339	3965336	5 SLU
729	1.00	312032	3955998	6 SLV
731	1.00	36179	3960154	5 SLU
731	1.00	246305	3948383	6 SLV
951	1.00	18292	3943292	5 SLU
951	1.00	210418	3935709	6 SLV
1171	1.00	15405	3929939	5 SLU
1171	1.00	160332	3924450	6 SLV
1173	1.00	14589	3924238	5 SLU
1173	1.00	123116	3916708	6 SLV
1236	1.00	14289	3921291	5 SLU
1236	1.00	112172	3912996	6 SLV
1299	1.00	14284	3916750	5 SLU
1299	1.00	106718	3909250	6 SLV

Verifica trazione del diagonale

quota	alfaS	At	roh	rov	MEd	NEd	VEd	VRsd	comb
-4	0.00	596.9	0.0059	0.0133	-96950390	-310162	-32781	835048	6 SLU
-4	0.00	596.9	0.0059	0.0133	-66111430	-118540	-246337	835048	7 SLV
51	0.00	596.9	0.0063	0.0133	-93907940	-305619	-32778	885183	6 SLU
51	0.00	596.9	0.0063	0.0133	-52177240	-116440	-247196	885183	7 SLV
105	0.00	596.9	0.0063	0.0133	-88300910	-282140	-29764	885183	6 SLU
105	0.00	596.9	0.0063	0.0133	-32750030	-61430	-251133	885183	7 SLV
107	0.00	596.9	0.0063	0.0133	-89563110	-377689	-116423	885183	6 SLU
107	0.00	596.9	0.0063	0.0133	-53827120	-4630	-493806	885183	7 SLV
185	0.00	596.9	0.0063	0.0133	-80723620	-352343	-109030	885183	6 SLU
185	0.00	596.9	0.0063	0.0133	-19974830	27482	-493642	885183	7 SLV
263	0.00	892.2	0.0063	0.0198	-71869920	-324785	-101459	885183	6 SLU
263	0.00	892.2	0.0063	0.0198	13001040	51485	-483131	885183	7 SLV
265	0.00	892.2	0.0063	0.0198	-71667010	-324785	-101459	885183	6 SLU
265	0.00	892.2	0.0063	0.0198	13967300	51485	-483131	885183	7 SLV
267	0.00	892.2	0.0063	0.0198	-71464090	-324785	-101459	885183	6 SLU
267	0.00	892.2	0.0063	0.0198	14933560	51485	-483131	885183	7 SLV
269	0.00	892.2	0.0063	0.0198	-71218540	-324640	-101448	885183	6 SLU
269	0.00	892.2	0.0063	0.0198	15993760	51712	-482575	885183	7 SLV
271	0.00	892.2	0.0063	0.0097	9656303	-556325	-88509	1809708	6 SLU
271	0.00	892.2	0.0063	0.0097	-83007020	-179092	-497909	1809708	7 SLV
433	0.00	571.8	0.0063	0.0062	10801990	-480682	-66763	1809708	6 SLU
433	0.00	571.8	0.0063	0.0062	-37987670	-139359	-451911	1809708	7 SLV
594	0.00	590.6	0.0063	0.0064	16015470	-421186	-58015	1809708	6 SLU
594	0.00	590.6	0.0063	0.0064	7709823	-126664	-399651	1809708	7 SLV

596	0.00	590.6	0.0063	0.0064	16131500	-421186	-58015	1809708 6 SLU
596	0.00	590.6	0.0063	0.0064	8509126	-126664	-399651	1809708 7 SLV
613	0.00	590.6	0.0063	0.0064	16888200	-411568	-53026	1809708 6 SLU
613	0.00	590.6	0.0063	0.0064	2103240	-240684	-402950	1809708 11 SLV
629	0.00	590.6	0.0063	0.0064	14399480	-406580	-17062	1809708 8 SLU
629	0.00	590.6	0.0063	0.0064	-3820521	-219992	-349015	1809708 11 SLV
631	0.00	571.8	0.0063	0.0062	6306272	-386823	11514	1809708 5 SLU
631	0.00	571.8	0.0063	0.0062	13298370	-327049	329859	1809708 6 SLV
679	0.00	571.8	0.0063	0.0062	6198986	-369988	12871	1809708 5 SLU
679	0.00	571.8	0.0063	0.0062	4238297	-306132	320942	1809708 6 SLV
726	0.00	571.8	0.0063	0.0062	7292354	-354881	12353	1809708 5 SLU
726	0.00	571.8	0.0063	0.0062	85243	-308319	312791	1809708 6 SLV
728	0.00	571.8	0.0063	0.0062	7267645	-354881	12339	1809708 5 SLU
728	0.00	571.8	0.0063	0.0062	-542192	-308190	312032	1809708 6 SLV
729	0.00	571.8	0.0063	0.0062	7261475	-354881	12339	1809708 5 SLU
729	0.00	571.8	0.0063	0.0062	-698208	-308190	312032	1809708 6 SLV
729	0.00	571.8	0.0063	0.0062	7255306	-354881	12339	1809708 5 SLU
729	0.00	571.8	0.0063	0.0062	-854224	-308190	312032	1809708 6 SLV
731	0.00	571.8	0.0063	0.0062	10926610	-328972	36179	1809708 5 SLU
731	0.00	571.8	0.0063	0.0062	7705922	-270115	246305	1809708 6 SLV
951	0.00	571.8	0.0067	0.0062	4435466	-244658	18292	1927350 5 SLU
951	0.00	571.8	0.0067	0.0062	24909290	-206745	210418	1927350 6 SLV
1171	0.00	571.8	0.0063	0.0062	319026	-177895	15405	1809708 5 SLU
1171	0.00	571.8	0.0063	0.0062	7827405	-150449	160332	1809708 6 SLV
1173	0.00	571.8	0.0063	0.0062	868264	-149389	14589	1809708 5 SLU
1173	0.00	571.8	0.0063	0.0062	8711181	-111738	123116	1809708 6 SLV
1236	0.00	571.8	0.0063	0.0062	1427895	-134655	14289	1809708 5 SLU
1236	0.00	571.8	0.0063	0.0062	6717453	-93180	112172	1809708 6 SLV
1299	0.00	571.8	0.0063	0.0062	-560866	-111949	14284	1809708 5 SLU
1299	0.00	571.8	0.0063	0.0062	-2194624	-74448	106718	1809708 6 SLV

Parete ingresso

Parete fra le coordinate in pianta (-750;-870) (750;-870)
da quota -50 a quota 1300
Valori in daN, cm
C35/45_1: rck 450
fyk 4500

Verifica di stato limite ultimo

nod	sez	B	H	Af+	Af-	c+	c-	c.s.	comb	N	M	Nu	Mu
1369	o	100	50	31.4	31.4	8.5	8.5	1.132	12 SLV	-7049	-4303248	-7982	-4873139
	v	100	50	21.4	21.4	9.5	9.5	6.548	11 SLV	5861	-399155	38377	-2613491
1373	o	100	50	31.4	31.4	8.5	8.5	1.401	11 SLV	-3619	-3440438	-5073	-4821645
	v	100	50	21.4	21.4	9.5	9.5	6.668	11 SLV	4303	-419568	28690	-2797541
2423	o	75	50	12.6	12.6	6.5	6.5	4.986	13 SLV	-1327	-439204	-6617	-2190035
	v	100	50	15.7	15.7	8.5	8.5	1.125	16 SLV	-20984	-2668030	-23607	-3001511
2662	o	100	50	15.7	15.7	6.5	6.5	1.489	2 SLV	-11375	-1964793	-16938	-2925721
	v	100	50	15.7	15.7	8.5	8.5	1.022	2 SLV	11786	-2250376	12045	-2299991

Combinazione rara

nod	sez	B	H	Af+	Af-	c+	c-	sc	c	N	M	sf	c	N	M	Wk(mm)	Wlim	st	Sm(mm)	c
1369	o	100	50	31.4	31.4	8.5	8.5	-63.6	1 ra	-2.67E04	-2.02E06	1472.6	1 ra	-2.67E04	-2.02E06	0.11	999.00	0.0	288.0	1 ra
	v	100	50	21.4	21.4	9.5	9.5	-6.6	1 ra	-8.79E03	-1.80E05	58.0	1 ra	-8.79E03	-1.80E05	0.00	999.00	2.4	0.0	1 ra
1373	o	100	50	31.4	31.4	8.5	8.5	-54.7	1 ra	-1.78E04	-1.75E06	1356.2	1 ra	-1.78E04	-1.75E06	0.06	999.00	0.0	161.7	1 ra
	v	100	50	21.4	21.4	9.5	9.5	-6.0	1 ra	-5.66E03	-1.59E05	87.4	1 ra	-5.66E03	-1.59E05	0.00	999.00	2.5	0.0	1 ra
2423	o	75	50	12.6	12.6	6.5	6.5	-9.7	1 ra	6.62E02	-2.00E05	431.8	1 ra	6.62E02	-2.00E05	0.00	999.00	6.2	0.0	1 ra
	v	100	50	15.7	15.7	8.5	8.5	-50.7	1 ra	-9.88E03	-1.18E06	1698.6	1 ra	-9.88E03	-1.18E06	0.00	999.00	25.1	0.0	1 ra
2662	o	100	50	15.7	15.7	6.5	6.5	-13.7	1 ra	-1.37E04	-3.65E05	207.7	1 ra	-1.37E04	-3.65E05	0.00	999.00	5.6	0.0	1 ra
	v	100	50	15.7	15.7	8.5	8.5	-1.9	1 ra	-4.63E03	-4.94E04	-3.1	1 ra	-3.91E03	-3.58E04	0.00	999.00	0.2	0.0	1 ra

Combinazione frequente

nod	sez	B	H	Af+	Af-	c+	c-	sc	c	N	M	sf	c	N	M	Wk(mm)	Wlim	st	Sm(mm)	c
1369	o	100	50	31.4	31.4	8.5	8.5	-63.6	1 fr	-2.67E04	-2.02E06	1472.6	1 fr	-2.67E04	-2.02E06	0.11	0.20	0.0	288.0	1 fr
	v	100	50	21.4	21.4	9.5	9.5	-6.6	1 fr	-8.79E03	-1.80E05	58.0	1 fr	-8.79E03	-1.80E05	0.00	0.20	2.4	0.0	1 fr
1373	o	100	50	31.4	31.4	8.5	8.5	-54.7	1 fr	-1.78E04	-1.75E06	1356.2	1 fr	-1.78E04	-1.75E06	0.06	0.20	0.0	161.7	1 fr
	v	100	50	21.4	21.4	9.5	9.5	-6.0	1 fr	-5.66E03	-1.59E05	87.4	1 fr	-5.66E03	-1.59E05	0.00	0.20	2.5	0.0	1 fr
2423	o	75	50	12.6	12.6	6.5	6.5	-9.7	1 fr	6.62E02	-2.00E05	431.8	1 fr	6.62E02	-2.00E05	0.00	0.20	6.2	0.0	1 fr
	v	100	50	15.7	15.7	8.5	8.5	-50.7	1 fr	-9.88E03	-1.18E06	1698.6	1 fr	-9.88E03	-1.18E06	0.00	0.20	25.1	0.0	1 fr
2662	o	100	50	15.7	15.7	6.5	6.5	-13.7	1 fr	-1.37E04	-3.65E05	207.7	1 fr	-1.37E04	-3.65E05	0.00	0.20	5.6	0.0	1 fr
	v	100	50	15.7	15.7	8.5	8.5	-1.9	1 fr	-4.63E03	-4.94E04	-3.1	1 fr	-3.91E03	-3.58E04	0.00	0.20	0.2	0.0	1 fr

Combinazione quasi permanente

nod	sez	B	H	Af+	Af-	c+	c-	sc	c	N	M	sf	c	N	M	Wk(mm)	Wlim	st	Sm(mm)	c
1369	o	100	50	31.4	31.4	8.5	8.5	-53.8	4 q.	-2.52E04	-1.70E06	1201.0	4 q.	-2.52E04	-1.70E06	0.00	0.20	32.5	0.0	1 q.
	v	100	50	21.4	21.4	9.5	9.5	-5.5	4 q.	-8.08E03	-1.51E05	39.4	4 q.	-8.08E03	-1.51E05	0.00	0.20	1.9	0.0	1 q.
1373	o	100	50	31.4	31.4	8.5	8.5	-46.4	4 q.	-1.70E04	-1.48E06	1119.4	3 q.	-1.67E04	-1.47E06	0.00	0.20	29.1	0.0	1 q.
	v	100	50	21.4	21.4	9.5	9.5	-5.0	4 q.	-5.26E03	-1.33E05	63.0	4 q.	-5.26E03	-1.33E05	0.00	0.20	2.0	0.0	1 q.
2423	o	75	50	12.6	12.6	6.5	6.5	-7.8	3 q.	6.03E02	-1.61E05	350.4	3 q.	6.03E02	-1.61E05	0.00	0.20	5.0	0.0	1 q.
	v	100	50	15.7	15.7	8.5	8.5	-38.7	4 q.	-7.57E03	-9.01E05	1295.6	4 q.	-7.57E03	-9.01E05	0.00	0.20	19.2	0.0	1 q.
2662	o	100	50	15.7	15.7	6.5	6.5	-11.2	3 q.	-1.36E04	-3.05E05	130.9	3 q.	-1.36E04	-3.05E05	0.00	0.20	4.3	0.0	1 q.
	v	100	50	15.7	15.7	8.5	8.5	-2.3	1 q.	-2.54E03	-5.90E04	28.5	1 q.	-2.54E03	-5.90E04	0.00	0.20	0.9	0.0	1 q.

Verifica dei pannelli

Pannello : Pannello da Filo 5 a Filo 106

Sezione a quota 107
Coordinate dei vertici

X	Y
-750.0	25.0
-750.0	157.0
-700.0	157.0

X	Y
-700.0	25.0
700.0	25.0
700.0	157.0
750.0	157.0
750.0	25.0
750.0	-25.0
-750.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-737.3	-18.5	20	-717.3	-18.5	20	-697.3	-18.5	20	-677.3	-18.5	20	-657.3	-18.5	20
-637.3	-18.5	20	-617.3	-18.5	20	-597.3	-18.5	20	-577.3	-18.5	20	-557.3	-18.5	20
-537.3	-18.5	20	-517.3	-18.5	20	-497.3	-18.5	20	-477.3	-18.5	20	-457.3	-18.5	20
-437.3	-18.5	20	-417.3	-18.5	20	-397.3	-18.5	20	-377.3	-18.5	20	-357.3	-18.5	20
-337.3	-18.5	20	-317.3	-18.5	20	-297.3	-18.5	20	-277.3	-18.5	20	-257.3	-18.5	20
-237.3	-18.5	20	-217.3	-18.5	20	-197.3	-18.5	20	-177.3	-18.5	20	-157.3	-18.5	20
-137.3	-18.5	20	-117.3	-18.5	20	-97.3	-18.5	20	-77.3	-18.5	20	-57.3	-18.5	20
-37.3	-18.5	20	-17.3	-18.5	20	2.8	-18.5	20	22.8	-18.5	20	42.8	-18.5	20
62.8	-18.5	20	82.8	-18.5	20	102.8	-18.5	20	122.8	-18.5	20	142.8	-18.5	20
162.8	-18.5	20	182.8	-18.5	20	202.8	-18.5	20	222.8	-18.5	20	242.8	-18.5	20
262.8	-18.5	20	282.8	-18.5	20	302.8	-18.5	20	322.8	-18.5	20	342.8	-18.5	20
362.8	-18.5	20	382.8	-18.5	20	402.8	-18.5	20	422.8	-18.5	20	442.8	-18.5	20
462.8	-18.5	20	482.8	-18.5	20	502.8	-18.5	20	522.8	-18.5	20	542.8	-18.5	20
562.8	-18.5	20	582.8	-18.5	20	602.8	-18.5	20	622.8	-18.5	20	642.8	-18.5	20
662.8	-18.5	20	682.8	-18.5	20	702.8	-18.5	20	722.8	-18.5	20	742.8	-18.5	20
-737.3	18.5	20	-717.3	18.5	20	-697.3	18.5	20	-677.3	18.5	20	-657.3	18.5	20
-637.3	18.5	20	-617.3	18.5	20	-597.3	18.5	20	-577.3	18.5	20	-557.3	18.5	20
-537.3	18.5	20	-517.3	18.5	20	-497.3	18.5	20	-477.3	18.5	20	-457.3	18.5	20
-437.3	18.5	20	-417.3	18.5	20	-397.3	18.5	20	-377.3	18.5	20	-357.3	18.5	20
-337.3	18.5	20	-317.3	18.5	20	-297.3	18.5	20	-277.3	18.5	20	-257.3	18.5	20
-237.3	18.5	20	-217.3	18.5	20	-197.3	18.5	20	-177.3	18.5	20	-157.3	18.5	20
-137.3	18.5	20	-117.3	18.5	20	-97.3	18.5	20	-77.3	18.5	20	-57.3	18.5	20
-37.3	18.5	20	-17.3	18.5	20	2.8	18.5	20	22.8	18.5	20	42.8	18.5	20
62.8	18.5	20	82.8	18.5	20	102.8	18.5	20	122.8	18.5	20	142.8	18.5	20
162.8	18.5	20	182.8	18.5	20	202.8	18.5	20	222.8	18.5	20	242.8	18.5	20
262.8	18.5	20	282.8	18.5	20	302.8	18.5	20	322.8	18.5	20	342.8	18.5	20
362.8	18.5	20	382.8	18.5	20	402.8	18.5	20	422.8	18.5	20	442.8	18.5	20
462.8	18.5	20	482.8	18.5	20	502.8	18.5	20	522.8	18.5	20	542.8	18.5	20
562.8	18.5	20	582.8	18.5	20	602.8	18.5	20	622.8	18.5	20	642.8	18.5	20
662.8	18.5	20	682.8	18.5	20	702.8	18.5	20	722.8	18.5	20	742.8	18.5	20
-687.9	-14.5	20	-687.9	14.5	20	-667.9	-14.5	20	-667.9	14.5	20	-647.9	-14.5	20
-647.9	14.5	20	-627.9	-14.5	20	-627.9	14.5	20	-607.9	-14.5	20	-607.9	14.5	20
-587.9	-14.5	20	-587.9	14.5	20	-567.9	-14.5	20	-567.9	14.5	20	-547.9	-14.5	20
-547.9	14.5	20	-527.9	-14.5	20	-527.9	14.5	20	-507.9	-14.5	20	-507.9	14.5	20
-487.9	-14.5	20	-487.9	14.5	20	-467.9	-14.5	20	-467.9	14.5	20	-447.9	-14.5	20
-447.9	14.5	20	-427.9	-14.5	20	-427.9	14.5	20	-407.9	-14.5	20	-407.9	14.5	20
-387.9	-14.5	20	-387.9	14.5	20	-367.9	-14.5	20	-367.9	14.5	20	-347.9	-14.5	20
-347.9	14.5	20	-327.9	-14.5	20	-327.9	14.5	20	-307.9	-14.5	20	-307.9	14.5	20
-287.9	-14.5	20	-287.9	14.5	20	-267.9	-14.5	20	-267.9	14.5	20	-247.9	-14.5	20
-247.9	14.5	20	-227.9	-14.5	20	-227.9	14.5	20	-207.9	-14.5	20	-207.9	14.5	20
-187.9	-14.5	20	-187.9	14.5	20	-167.9	-14.5	20	-167.9	14.5	20	-147.9	-14.5	20
-147.9	14.5	20	-127.9	-14.5	20	-127.9	14.5	20	-107.9	-14.5	20	-107.9	14.5	20
-87.9	-14.5	20	-87.9	14.5	20	-67.9	-14.5	20	-67.9	14.5	20	-47.9	-14.5	20
-47.9	14.5	20	-27.9	-14.5	20	-27.9	14.5	20	-7.9	-14.5	20	-7.9	14.5	20
12.1	-14.5	20	12.1	14.5	20	32.1	-14.5	20	32.1	14.5	20	52.1	-14.5	20
52.1	14.5	20	72.1	-14.5	20	72.1	14.5	20	92.1	-14.5	20	92.1	14.5	20
112.1	-14.5	20	112.1	14.5	20	132.1	-14.5	20	132.1	14.5	20	152.1	-14.5	20
152.1	14.5	20	172.1	-14.5	20	172.1	14.5	20	192.1	-14.5	20	192.1	14.5	20
212.1	-14.5	20	212.1	14.5	20	232.1	-14.5	20	232.1	14.5	20	252.1	-14.5	20
252.1	14.5	20	272.1	-14.5	20	272.1	14.5	20	292.1	-14.5	20	292.1	14.5	20
312.1	-14.5	20	312.1	14.5	20	332.1	-14.5	20	332.1	14.5	20	352.1	-14.5	20
352.1	14.5	20	372.1	-14.5	20	372.1	14.5	20	392.1	-14.5	20	392.1	14.5	20
412.1	-14.5	20	412.1	14.5	20	432.1	-14.5	20	432.1	14.5	20	452.1	-14.5	20
452.1	14.5	20	472.1	-14.5	20	472.1	14.5	20	492.1	-14.5	20	492.1	14.5	20
512.1	-14.5	20	512.1	14.5	20	532.1	-14.5	20	532.1	14.5	20	552.1	-14.5	20
552.1	14.5	20	572.1	-14.5	20	572.1	14.5	20	592.1	-14.5	20	592.1	14.5	20
612.1	-14.5	20	612.1	14.5	20	632.1	-14.5	20	632.1	14.5	20	652.1	-14.5	20
652.1	14.5	20	672.1	-14.5	20	672.1	14.5	20	692.1	-14.5	20	692.1	14.5	20
712.1	-14.5	20	712.1	14.5	20	732.1	-14.5	20	732.1	14.5	20			

Sezione a quota 185

Coordinate dei vertici

X	Y
-750.0	25.0
-750.0	235.0
-700.0	235.0
-700.0	25.0
700.0	25.0
700.0	235.0
750.0	235.0
750.0	25.0
750.0	-25.0
-750.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-737.3	-18.5	20	-717.3	-18.5	20	-697.3	-18.5	20	-677.3	-18.5	20	-657.3	-18.5	20
-637.3	-18.5	20	-617.3	-18.5	20	-597.3	-18.5	20	-577.3	-18.5	20	-557.3	-18.5	20
-537.3	-18.5	20	-517.3	-18.5	20	-497.3	-18.5	20	-477.3	-18.5	20	-457.3	-18.5	20
-437.3	-18.5	20	-417.3	-18.5	20	-397.3	-18.5	20	-377.3	-18.5	20	-357.3	-18.5	20
-337.3	-18.5	20	-317.3	-18.5	20	-297.3	-18.5	20	-277.3	-18.5	20	-257.3	-18.5	20
-237.3	-18.5	20	-217.3	-18.5	20	-197.3	-18.5	20	-177.3	-18.5	20	-157.3	-18.5	20
-137.3	-18.5	20	-117.3	-18.5	20	-97.3	-18.5	20	-77.3	-18.5	20	-57.3	-18.5	20
-37.3	-18.5	20	-17.3	-18.5	20	2.8	-18.5	20	22.8	-18.5	20	42.8	-18.5	20

62.8	-18.5	20	82.8	-18.5	20	102.8	-18.5	20	122.8	-18.5	20	142.8	-18.5	20
162.8	-18.5	20	182.8	-18.5	20	202.8	-18.5	20	222.8	-18.5	20	242.8	-18.5	20
262.8	-18.5	20	282.8	-18.5	20	302.8	-18.5	20	322.8	-18.5	20	342.8	-18.5	20
362.8	-18.5	20	382.8	-18.5	20	402.8	-18.5	20	422.8	-18.5	20	442.8	-18.5	20
462.8	-18.5	20	482.8	-18.5	20	502.8	-18.5	20	522.8	-18.5	20	542.8	-18.5	20
562.8	-18.5	20	582.8	-18.5	20	602.8	-18.5	20	622.8	-18.5	20	642.8	-18.5	20
662.8	-18.5	20	682.8	-18.5	20	702.8	-18.5	20	722.8	-18.5	20	742.8	-18.5	20
-737.3	18.5	20	-717.3	18.5	20	-697.3	18.5	20	-677.3	18.5	20	-657.3	18.5	20
-637.3	18.5	20	-617.3	18.5	20	-597.3	18.5	20	-577.3	18.5	20	-557.3	18.5	20
-537.3	18.5	20	-517.3	18.5	20	-497.3	18.5	20	-477.3	18.5	20	-457.3	18.5	20
-437.3	18.5	20	-417.3	18.5	20	-397.3	18.5	20	-377.3	18.5	20	-357.3	18.5	20
-337.3	18.5	20	-317.3	18.5	20	-297.3	18.5	20	-277.3	18.5	20	-257.3	18.5	20
-237.3	18.5	20	-217.3	18.5	20	-197.3	18.5	20	-177.3	18.5	20	-157.3	18.5	20
-137.3	18.5	20	-117.3	18.5	20	-97.3	18.5	20	-77.3	18.5	20	-57.3	18.5	20
-37.3	18.5	20	-17.3	18.5	20	2.8	18.5	20	22.8	18.5	20	42.8	18.5	20
62.8	18.5	20	82.8	18.5	20	102.8	18.5	20	122.8	18.5	20	142.8	18.5	20
162.8	18.5	20	182.8	18.5	20	202.8	18.5	20	222.8	18.5	20	242.8	18.5	20
262.8	18.5	20	282.8	18.5	20	302.8	18.5	20	322.8	18.5	20	342.8	18.5	20
362.8	18.5	20	382.8	18.5	20	402.8	18.5	20	422.8	18.5	20	442.8	18.5	20
462.8	18.5	20	482.8	18.5	20	502.8	18.5	20	522.8	18.5	20	542.8	18.5	20
562.8	18.5	20	582.8	18.5	20	602.8	18.5	20	622.8	18.5	20	642.8	18.5	20
662.8	18.5	20	682.8	18.5	20	702.8	18.5	20	722.8	18.5	20	742.8	18.5	20
-687.9	-14.5	20	-687.9	14.5	20	-667.9	-14.5	20	-667.9	14.5	20	-647.9	-14.5	20
-647.9	14.5	20	-627.9	-14.5	20	-627.9	14.5	20	-607.9	-14.5	20	-607.9	14.5	20
-587.9	-14.5	20	-587.9	14.5	20	-567.9	-14.5	20	-567.9	14.5	20	-547.9	-14.5	20
-547.9	14.5	20	-527.9	-14.5	20	-527.9	14.5	20	-507.9	-14.5	20	-507.9	14.5	20
-487.9	-14.5	20	-487.9	14.5	20	-467.9	-14.5	20	-467.9	14.5	20	-447.9	-14.5	20
-447.9	14.5	20	-427.9	-14.5	20	-427.9	14.5	20	-407.9	-14.5	20	-407.9	14.5	20
-387.9	-14.5	20	-387.9	14.5	20	-367.9	-14.5	20	-367.9	14.5	20	-347.9	-14.5	20
-347.9	14.5	20	-327.9	-14.5	20	-327.9	14.5	20	-307.9	-14.5	20	-307.9	14.5	20
-287.9	-14.5	20	-287.9	14.5	20	-267.9	-14.5	20	-267.9	14.5	20	-247.9	-14.5	20
-247.9	14.5	20	-227.9	-14.5	20	-227.9	14.5	20	-207.9	-14.5	20	-207.9	14.5	20
-187.9	-14.5	20	-187.9	14.5	20	-167.9	-14.5	20	-167.9	14.5	20	-147.9	-14.5	20
-147.9	14.5	20	-127.9	-14.5	20	-127.9	14.5	20	-107.9	-14.5	20	-107.9	14.5	20
-87.9	-14.5	20	-87.9	14.5	20	-67.9	-14.5	20	-67.9	14.5	20	-47.9	-14.5	20
-47.9	14.5	20	-27.9	-14.5	20	-27.9	14.5	20	-7.9	-14.5	20	-7.9	14.5	20
12.1	-14.5	20	12.1	14.5	20	32.1	-14.5	20	32.1	14.5	20	52.1	-14.5	20
52.1	14.5	20	72.1	-14.5	20	72.1	14.5	20	92.1	-14.5	20	92.1	14.5	20
112.1	-14.5	20	112.1	14.5	20	132.1	-14.5	20	132.1	14.5	20	152.1	-14.5	20
152.1	14.5	20	172.1	-14.5	20	172.1	14.5	20	192.1	-14.5	20	192.1	14.5	20
212.1	-14.5	20	212.1	14.5	20	232.1	-14.5	20	232.1	14.5	20	252.1	-14.5	20
252.1	14.5	20	272.1	-14.5	20	272.1	14.5	20	292.1	-14.5	20	292.1	14.5	20
312.1	-14.5	20	312.1	14.5	20	332.1	-14.5	20	332.1	14.5	20	352.1	-14.5	20
352.1	14.5	20	372.1	-14.5	20	372.1	14.5	20	392.1	-14.5	20	392.1	14.5	20
412.1	-14.5	20	412.1	14.5	20	432.1	-14.5	20	432.1	14.5	20	452.1	-14.5	20
452.1	14.5	20	472.1	-14.5	20	472.1	14.5	20	492.1	-14.5	20	492.1	14.5	20
512.1	-14.5	20	512.1	14.5	20	532.1	-14.5	20	532.1	14.5	20	552.1	-14.5	20
552.1	14.5	20	572.1	-14.5	20	572.1	14.5	20	592.1	-14.5	20	592.1	14.5	20
612.1	-14.5	20	612.1	14.5	20	632.1	-14.5	20	632.1	14.5	20	652.1	-14.5	20
652.1	14.5	20	672.1	-14.5	20	672.1	14.5	20	692.1	-14.5	20	692.1	14.5	20
712.1	-14.5	20	712.1	14.5	20	732.1	-14.5	20	732.1	14.5	20			

Sezione a quota 263
Coordinate dei vertici

X	Y
-750.0	25.0
-750.0	259.3
-700.0	259.3
-700.0	25.0
700.0	25.0
700.0	259.3
750.0	259.3
750.0	25.0
750.0	-25.0
-750.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-737.3	-18.5	20	-717.3	-18.5	20	-697.3	-18.5	20	-677.3	-18.5	20	-657.3	-18.5	20
-637.3	-18.5	20	-617.3	-18.5	20	-597.3	-18.5	20	-577.3	-18.5	20	-557.3	-18.5	20
-537.3	-18.5	20	-517.3	-18.5	20	-497.3	-18.5	20	-477.3	-18.5	20	-457.3	-18.5	20
-437.3	-18.5	20	-417.3	-18.5	20	-397.3	-18.5	20	-377.3	-18.5	20	-357.3	-18.5	20
-337.3	-18.5	20	-317.3	-18.5	20	-297.3	-18.5	20	-277.3	-18.5	20	-257.3	-18.5	20
-237.3	-18.5	20	-217.3	-18.5	20	-197.3	-18.5	20	-177.3	-18.5	20	-157.3	-18.5	20
-137.3	-18.5	20	-117.3	-18.5	20	-97.3	-18.5	20	-77.3	-18.5	20	-57.3	-18.5	20
-37.3	-18.5	20	-17.3	-18.5	20	2.8	-18.5	20	22.8	-18.5	20	42.8	-18.5	20
62.8	-18.5	20	82.8	-18.5	20	102.8	-18.5	20	122.8	-18.5	20	142.8	-18.5	20
162.8	-18.5	20	182.8	-18.5	20	202.8	-18.5	20	222.8	-18.5	20	242.8	-18.5	20
262.8	-18.5	20	282.8	-18.5	20	302.8	-18.5	20	322.8	-18.5	20	342.8	-18.5	20
362.8	-18.5	20	382.8	-18.5	20	402.8	-18.5	20	422.8	-18.5	20	442.8	-18.5	20
462.8	-18.5	20	482.8	-18.5	20	502.8	-18.5	20	522.8	-18.5	20	542.8	-18.5	20
562.8	-18.5	20	582.8	-18.5	20	602.8	-18.5	20	622.8	-18.5	20	642.8	-18.5	20
662.8	-18.5	20	682.8	-18.5	20	702.8	-18.5	20	722.8	-18.5	20	742.8	-18.5	20
-737.3	18.5	20	-717.3	18.5	20	-697.3	18.5	20	-677.3	18.5	20	-657.3	18.5	20
-637.3	18.5	20	-617.3	18.5	20	-597.3	18.5	20	-577.3	18.5	20	-557.3	18.5	20
-537.3	18.5	20	-517.3	18.5	20	-497.3	18.5	20	-477.3	18.5	20	-457.3	18.5	20
-437.3	18.5	20	-417.3	18.5	20	-397.3	18.5	20	-377.3	18.5	20	-357.3	18.5	20
-337.3	18.5	20	-317.3	18.5	20	-297.3	18.5	20	-277.3	18.5	20	-257.3	18.5	20
-237.3	18.5	20	-217.3	18.5	20	-197.3	18.5	20	-177.3	18.5	20	-157.3	18.5	20
-137.3	18.5	20	-117.3	18.5	20	-97.3	18.5	20	-77.3	18.5	20	-57.3	18.5	20
-37.3	18.5	20	-17.3	18.5	20	2.8	18.5	20	22.8	18.5	20	42.8	18.5	20
62.8	18.5	20	82.8	18.5	20	102.8	18.5	20	122.8	18.5	20	142.8	18.5	20
162.8	18.5	20	182.8	18.5	20	202.8	18.5	20	222.8	18.5	20	242.8	18.5	20
262.8	18.5	20	282.8	18.5	20	302.8	18.5	20	322.8	18.5	20	342.8	18.5	20

362.8	18.5	20	382.8	18.5	20	402.8	18.5	20	422.8	18.5	20	442.8	18.5	20
462.8	18.5	20	482.8	18.5	20	502.8	18.5	20	522.8	18.5	20	542.8	18.5	20
562.8	18.5	20	582.8	18.5	20	602.8	18.5	20	622.8	18.5	20	642.8	18.5	20
662.8	18.5	20	682.8	18.5	20	702.8	18.5	20	722.8	18.5	20	742.8	18.5	20

Sezione a quota 265

Coordinate dei vertici

X	Y
-750.0	25.0
-750.0	258.8
-700.0	258.8
-700.0	25.0
700.0	25.0
700.0	258.8
750.0	258.8
750.0	25.0
750.0	-25.0
-750.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-737.3	-18.5	20	-717.3	-18.5	20	-697.3	-18.5	20	-677.3	-18.5	20	-657.3	-18.5	20
-637.3	-18.5	20	-617.3	-18.5	20	-597.3	-18.5	20	-577.3	-18.5	20	-557.3	-18.5	20
-537.3	-18.5	20	-517.3	-18.5	20	-497.3	-18.5	20	-477.3	-18.5	20	-457.3	-18.5	20
-437.3	-18.5	20	-417.3	-18.5	20	-397.3	-18.5	20	-377.3	-18.5	20	-357.3	-18.5	20
-337.3	-18.5	20	-317.3	-18.5	20	-297.3	-18.5	20	-277.3	-18.5	20	-257.3	-18.5	20
-237.3	-18.5	20	-217.3	-18.5	20	-197.3	-18.5	20	-177.3	-18.5	20	-157.3	-18.5	20
-137.3	-18.5	20	-117.3	-18.5	20	-97.3	-18.5	20	-77.3	-18.5	20	-57.3	-18.5	20
-37.3	-18.5	20	-17.3	-18.5	20	2.8	-18.5	20	22.8	-18.5	20	42.8	-18.5	20
62.8	-18.5	20	82.8	-18.5	20	102.8	-18.5	20	122.8	-18.5	20	142.8	-18.5	20
162.8	-18.5	20	182.8	-18.5	20	202.8	-18.5	20	222.8	-18.5	20	242.8	-18.5	20
262.8	-18.5	20	282.8	-18.5	20	302.8	-18.5	20	322.8	-18.5	20	342.8	-18.5	20
362.8	-18.5	20	382.8	-18.5	20	402.8	-18.5	20	422.8	-18.5	20	442.8	-18.5	20
462.8	-18.5	20	482.8	-18.5	20	502.8	-18.5	20	522.8	-18.5	20	542.8	-18.5	20
562.8	-18.5	20	582.8	-18.5	20	602.8	-18.5	20	622.8	-18.5	20	642.8	-18.5	20
662.8	-18.5	20	682.8	-18.5	20	702.8	-18.5	20	722.8	-18.5	20	742.8	-18.5	20
-737.3	18.5	20	-717.3	18.5	20	-697.3	18.5	20	-677.3	18.5	20	-657.3	18.5	20
-637.3	18.5	20	-617.3	18.5	20	-597.3	18.5	20	-577.3	18.5	20	-557.3	18.5	20
-537.3	18.5	20	-517.3	18.5	20	-497.3	18.5	20	-477.3	18.5	20	-457.3	18.5	20
-437.3	18.5	20	-417.3	18.5	20	-397.3	18.5	20	-377.3	18.5	20	-357.3	18.5	20
-337.3	18.5	20	-317.3	18.5	20	-297.3	18.5	20	-277.3	18.5	20	-257.3	18.5	20
-237.3	18.5	20	-217.3	18.5	20	-197.3	18.5	20	-177.3	18.5	20	-157.3	18.5	20
-137.3	18.5	20	-117.3	18.5	20	-97.3	18.5	20	-77.3	18.5	20	-57.3	18.5	20
-37.3	18.5	20	-17.3	18.5	20	2.8	18.5	20	22.8	18.5	20	42.8	18.5	20
62.8	18.5	20	82.8	18.5	20	102.8	18.5	20	122.8	18.5	20	142.8	18.5	20
162.8	18.5	20	182.8	18.5	20	202.8	18.5	20	222.8	18.5	20	242.8	18.5	20
262.8	18.5	20	282.8	18.5	20	302.8	18.5	20	322.8	18.5	20	342.8	18.5	20
362.8	18.5	20	382.8	18.5	20	402.8	18.5	20	422.8	18.5	20	442.8	18.5	20
462.8	18.5	20	482.8	18.5	20	502.8	18.5	20	522.8	18.5	20	542.8	18.5	20
562.8	18.5	20	582.8	18.5	20	602.8	18.5	20	622.8	18.5	20	642.8	18.5	20
662.8	18.5	20	682.8	18.5	20	702.8	18.5	20	722.8	18.5	20	742.8	18.5	20

Sezione a quota 267

Coordinate dei vertici

X	Y
-750.0	25.0
-750.0	258.3
-700.0	258.3
-700.0	25.0
700.0	25.0
700.0	258.3
750.0	258.3
750.0	25.0
750.0	-25.0
-750.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-737.3	-18.5	20	-717.3	-18.5	20	-697.3	-18.5	20	-677.3	-18.5	20	-657.3	-18.5	20
-637.3	-18.5	20	-617.3	-18.5	20	-597.3	-18.5	20	-577.3	-18.5	20	-557.3	-18.5	20
-537.3	-18.5	20	-517.3	-18.5	20	-497.3	-18.5	20	-477.3	-18.5	20	-457.3	-18.5	20
-437.3	-18.5	20	-417.3	-18.5	20	-397.3	-18.5	20	-377.3	-18.5	20	-357.3	-18.5	20
-337.3	-18.5	20	-317.3	-18.5	20	-297.3	-18.5	20	-277.3	-18.5	20	-257.3	-18.5	20
-237.3	-18.5	20	-217.3	-18.5	20	-197.3	-18.5	20	-177.3	-18.5	20	-157.3	-18.5	20
-137.3	-18.5	20	-117.3	-18.5	20	-97.3	-18.5	20	-77.3	-18.5	20	-57.3	-18.5	20
-37.3	-18.5	20	-17.3	-18.5	20	2.8	-18.5	20	22.8	-18.5	20	42.8	-18.5	20
62.8	-18.5	20	82.8	-18.5	20	102.8	-18.5	20	122.8	-18.5	20	142.8	-18.5	20
162.8	-18.5	20	182.8	-18.5	20	202.8	-18.5	20	222.8	-18.5	20	242.8	-18.5	20
262.8	-18.5	20	282.8	-18.5	20	302.8	-18.5	20	322.8	-18.5	20	342.8	-18.5	20
362.8	-18.5	20	382.8	-18.5	20	402.8	-18.5	20	422.8	-18.5	20	442.8	-18.5	20
462.8	-18.5	20	482.8	-18.5	20	502.8	-18.5	20	522.8	-18.5	20	542.8	-18.5	20
562.8	-18.5	20	582.8	-18.5	20	602.8	-18.5	20	622.8	-18.5	20	642.8	-18.5	20
662.8	-18.5	20	682.8	-18.5	20	702.8	-18.5	20	722.8	-18.5	20	742.8	-18.5	20
-737.3	18.5	20	-717.3	18.5	20	-697.3	18.5	20	-677.3	18.5	20	-657.3	18.5	20
-637.3	18.5	20	-617.3	18.5	20	-597.3	18.5	20	-577.3	18.5	20	-557.3	18.5	20
-537.3	18.5	20	-517.3	18.5	20	-497.3	18.5	20	-477.3	18.5	20	-457.3	18.5	20
-437.3	18.5	20	-417.3	18.5	20	-397.3	18.5	20	-377.3	18.5	20	-357.3	18.5	20
-337.3	18.5	20	-317.3	18.5	20	-297.3	18.5	20	-277.3	18.5	20	-257.3	18.5	20
-237.3	18.5	20	-217.3	18.5	20	-197.3	18.5	20	-177.3	18.5	20	-157.3	18.5	20
-137.3	18.5	20	-117.3	18.5	20	-97.3	18.5	20	-77.3	18.5	20	-57.3	18.5	20
-37.3	18.5	20	-17.3	18.5	20	2.8	18.5	20	22.8	18.5	20	42.8	18.5	20
62.8	18.5	20	82.8	18.5	20	102.8	18.5	20	122.8	18.5	20	142.8	18.5	20
162.8	18.5	20	182.8	18.5	20	202.8	18.5	20	222.8	18.5	20	242.8	18.5	20
262.8	18.5	20	282.8	18.5	20	302.8	18.5	20	322.8	18.5	20	342.8	18.5	20

362.8	18.5	20	382.8	18.5	20	402.8	18.5	20	422.8	18.5	20	442.8	18.5	20
462.8	18.5	20	482.8	18.5	20	502.8	18.5	20	522.8	18.5	20	542.8	18.5	20
562.8	18.5	20	582.8	18.5	20	602.8	18.5	20	622.8	18.5	20	642.8	18.5	20
662.8	18.5	20	682.8	18.5	20	702.8	18.5	20	722.8	18.5	20	742.8	18.5	20

Sezione a quota 269
Coordinate dei vertici

X	Y
-750.0	25.0
-750.0	257.8
-700.0	257.8
-700.0	25.0
700.0	25.0
700.0	257.8
750.0	257.8
750.0	25.0
750.0	-25.0
-750.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-737.3	-18.5	20	-717.3	-18.5	20	-697.3	-18.5	20	-677.3	-18.5	20	-657.3	-18.5	20
-637.3	-18.5	20	-617.3	-18.5	20	-597.3	-18.5	20	-577.3	-18.5	20	-557.3	-18.5	20
-537.3	-18.5	20	-517.3	-18.5	20	-497.3	-18.5	20	-477.3	-18.5	20	-457.3	-18.5	20
-437.3	-18.5	20	-417.3	-18.5	20	-397.3	-18.5	20	-377.3	-18.5	20	-357.3	-18.5	20
-337.3	-18.5	20	-317.3	-18.5	20	-297.3	-18.5	20	-277.3	-18.5	20	-257.3	-18.5	20
-237.3	-18.5	20	-217.3	-18.5	20	-197.3	-18.5	20	-177.3	-18.5	20	-157.3	-18.5	20
-137.3	-18.5	20	-117.3	-18.5	20	-97.3	-18.5	20	-77.3	-18.5	20	-57.3	-18.5	20
-37.3	-18.5	20	-17.3	-18.5	20	2.8	-18.5	20	22.8	-18.5	20	42.8	-18.5	20
62.8	-18.5	20	82.8	-18.5	20	102.8	-18.5	20	122.8	-18.5	20	142.8	-18.5	20
162.8	-18.5	20	182.8	-18.5	20	202.8	-18.5	20	222.8	-18.5	20	242.8	-18.5	20
262.8	-18.5	20	282.8	-18.5	20	302.8	-18.5	20	322.8	-18.5	20	342.8	-18.5	20
362.8	-18.5	20	382.8	-18.5	20	402.8	-18.5	20	422.8	-18.5	20	442.8	-18.5	20
462.8	-18.5	20	482.8	-18.5	20	502.8	-18.5	20	522.8	-18.5	20	542.8	-18.5	20
562.8	-18.5	20	582.8	-18.5	20	602.8	-18.5	20	622.8	-18.5	20	642.8	-18.5	20
662.8	-18.5	20	682.8	-18.5	20	702.8	-18.5	20	722.8	-18.5	20	742.8	-18.5	20
-737.3	18.5	20	-717.3	18.5	20	-697.3	18.5	20	-677.3	18.5	20	-657.3	18.5	20
-637.3	18.5	20	-617.3	18.5	20	-597.3	18.5	20	-577.3	18.5	20	-557.3	18.5	20
-537.3	18.5	20	-517.3	18.5	20	-497.3	18.5	20	-477.3	18.5	20	-457.3	18.5	20
-437.3	18.5	20	-417.3	18.5	20	-397.3	18.5	20	-377.3	18.5	20	-357.3	18.5	20
-337.3	18.5	20	-317.3	18.5	20	-297.3	18.5	20	-277.3	18.5	20	-257.3	18.5	20
-237.3	18.5	20	-217.3	18.5	20	-197.3	18.5	20	-177.3	18.5	20	-157.3	18.5	20
-137.3	18.5	20	-117.3	18.5	20	-97.3	18.5	20	-77.3	18.5	20	-57.3	18.5	20
-37.3	18.5	20	-17.3	18.5	20	2.8	18.5	20	22.8	18.5	20	42.8	18.5	20
62.8	18.5	20	82.8	18.5	20	102.8	18.5	20	122.8	18.5	20	142.8	18.5	20
162.8	18.5	20	182.8	18.5	20	202.8	18.5	20	222.8	18.5	20	242.8	18.5	20
262.8	18.5	20	282.8	18.5	20	302.8	18.5	20	322.8	18.5	20	342.8	18.5	20
362.8	18.5	20	382.8	18.5	20	402.8	18.5	20	422.8	18.5	20	442.8	18.5	20
462.8	18.5	20	482.8	18.5	20	502.8	18.5	20	522.8	18.5	20	542.8	18.5	20
562.8	18.5	20	582.8	18.5	20	602.8	18.5	20	622.8	18.5	20	642.8	18.5	20
662.8	18.5	20	682.8	18.5	20	702.8	18.5	20	722.8	18.5	20	742.8	18.5	20

Sezione a quota 271
Coordinate dei vertici

X	Y
-750.0	25.0
-750.0	257.3
-700.0	257.3
-700.0	25.0
700.0	25.0
700.0	257.3
750.0	257.3
750.0	25.0
750.0	-25.0
-750.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-737.3	-18.5	20	-717.3	-18.5	20	-697.3	-18.5	20	-677.3	-18.5	20	-657.3	-18.5	20
-637.3	-18.5	20	-617.3	-18.5	20	-597.3	-18.5	20	-577.3	-18.5	20	-557.3	-18.5	20
-537.3	-18.5	20	-517.3	-18.5	20	-497.3	-18.5	20	-477.3	-18.5	20	-457.3	-18.5	20
-437.3	-18.5	20	-417.3	-18.5	20	-397.3	-18.5	20	-377.3	-18.5	20	-357.3	-18.5	20
-337.3	-18.5	20	-317.3	-18.5	20	-297.3	-18.5	20	-277.3	-18.5	20	-257.3	-18.5	20
-237.3	-18.5	20	-217.3	-18.5	20	-197.3	-18.5	20	-177.3	-18.5	20	-157.3	-18.5	20
-137.3	-18.5	20	-117.3	-18.5	20	-97.3	-18.5	20	-77.3	-18.5	20	-57.3	-18.5	20
-37.3	-18.5	20	-17.3	-18.5	20	2.8	-18.5	20	22.8	-18.5	20	42.8	-18.5	20
62.8	-18.5	20	82.8	-18.5	20	102.8	-18.5	20	122.8	-18.5	20	142.8	-18.5	20
162.8	-18.5	20	182.8	-18.5	20	202.8	-18.5	20	222.8	-18.5	20	242.8	-18.5	20
262.8	-18.5	20	282.8	-18.5	20	302.8	-18.5	20	322.8	-18.5	20	342.8	-18.5	20
362.8	-18.5	20	382.8	-18.5	20	402.8	-18.5	20	422.8	-18.5	20	442.8	-18.5	20
462.8	-18.5	20	482.8	-18.5	20	502.8	-18.5	20	522.8	-18.5	20	542.8	-18.5	20
562.8	-18.5	20	582.8	-18.5	20	602.8	-18.5	20	622.8	-18.5	20	642.8	-18.5	20
662.8	-18.5	20	682.8	-18.5	20	702.8	-18.5	20	722.8	-18.5	20	742.8	-18.5	20
-737.3	18.5	20	-717.3	18.5	20	-697.3	18.5	20	-677.3	18.5	20	-657.3	18.5	20
-637.3	18.5	20	-617.3	18.5	20	-597.3	18.5	20	-577.3	18.5	20	-557.3	18.5	20
-537.3	18.5	20	-517.3	18.5	20	-497.3	18.5	20	-477.3	18.5	20	-457.3	18.5	20
-437.3	18.5	20	-417.3	18.5	20	-397.3	18.5	20	-377.3	18.5	20	-357.3	18.5	20
-337.3	18.5	20	-317.3	18.5	20	-297.3	18.5	20	-277.3	18.5	20	-257.3	18.5	20
-237.3	18.5	20	-217.3	18.5	20	-197.3	18.5	20	-177.3	18.5	20	-157.3	18.5	20
-137.3	18.5	20	-117.3	18.5	20	-97.3	18.5	20	-77.3	18.5	20	-57.3	18.5	20
-37.3	18.5	20	-17.3	18.5	20	2.8	18.5	20	22.8	18.5	20	42.8	18.5	20
62.8	18.5	20	82.8	18.5	20	102.8	18.5	20	122.8	18.5	20	142.8	18.5	20
162.8	18.5	20	182.8	18.5	20	202.8	18.5	20	222.8	18.5	20	242.8	18.5	20
262.8	18.5	20	282.8	18.5	20	302.8	18.5	20	322.8	18.5	20	342.8	18.5	20

362.8	18.5	20	382.8	18.5	20	402.8	18.5	20	422.8	18.5	20	442.8	18.5	20
462.8	18.5	20	482.8	18.5	20	502.8	18.5	20	522.8	18.5	20	542.8	18.5	20
562.8	18.5	20	582.8	18.5	20	602.8	18.5	20	622.8	18.5	20	642.8	18.5	20
662.8	18.5	20	682.8	18.5	20	702.8	18.5	20	722.8	18.5	20	742.8	18.5	20

Sezione a quota 433

Coordinate dei vertici

X	Y
-750.0	25.0
-750.0	216.9
-700.0	216.9
-700.0	25.0
700.0	25.0
700.0	216.9
750.0	216.9
750.0	25.0
750.0	-25.0
-750.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-737.3	-18.5	20	-717.3	-18.5	20	-697.3	-18.5	20	-677.3	-18.5	20	-657.3	-18.5	20
-637.3	-18.5	20	-617.3	-18.5	20	-597.3	-18.5	20	-577.3	-18.5	20	-557.3	-18.5	20
-537.3	-18.5	20	-517.3	-18.5	20	-497.3	-18.5	20	-477.3	-18.5	20	-457.3	-18.5	20
-437.3	-18.5	20	-417.3	-18.5	20	-397.3	-18.5	20	-377.3	-18.5	20	-357.3	-18.5	20
-337.3	-18.5	20	-317.3	-18.5	20	-297.3	-18.5	20	-277.3	-18.5	20	-257.3	-18.5	20
-237.3	-18.5	20	-217.3	-18.5	20	-197.3	-18.5	20	-177.3	-18.5	20	-157.3	-18.5	20
-137.3	-18.5	20	-117.3	-18.5	20	-97.3	-18.5	20	-77.3	-18.5	20	-57.3	-18.5	20
-37.3	-18.5	20	-17.3	-18.5	20	2.8	-18.5	20	22.8	-18.5	20	42.8	-18.5	20
62.8	-18.5	20	82.8	-18.5	20	102.8	-18.5	20	122.8	-18.5	20	142.8	-18.5	20
162.8	-18.5	20	182.8	-18.5	20	202.8	-18.5	20	222.8	-18.5	20	242.8	-18.5	20
262.8	-18.5	20	282.8	-18.5	20	302.8	-18.5	20	322.8	-18.5	20	342.8	-18.5	20
362.8	-18.5	20	382.8	-18.5	20	402.8	-18.5	20	422.8	-18.5	20	442.8	-18.5	20
462.8	-18.5	20	482.8	-18.5	20	502.8	-18.5	20	522.8	-18.5	20	542.8	-18.5	20
562.8	-18.5	20	582.8	-18.5	20	602.8	-18.5	20	622.8	-18.5	20	642.8	-18.5	20
662.8	-18.5	20	682.8	-18.5	20	702.8	-18.5	20	722.8	-18.5	20	742.8	-18.5	20
-737.3	18.5	20	-717.3	18.5	20	-697.3	18.5	20	-677.3	18.5	20	-657.3	18.5	20
-637.3	18.5	20	-617.3	18.5	20	-597.3	18.5	20	-577.3	18.5	20	-557.3	18.5	20
-537.3	18.5	20	-517.3	18.5	20	-497.3	18.5	20	-477.3	18.5	20	-457.3	18.5	20
-437.3	18.5	20	-417.3	18.5	20	-397.3	18.5	20	-377.3	18.5	20	-357.3	18.5	20
-337.3	18.5	20	-317.3	18.5	20	-297.3	18.5	20	-277.3	18.5	20	-257.3	18.5	20
-237.3	18.5	20	-217.3	18.5	20	-197.3	18.5	20	-177.3	18.5	20	-157.3	18.5	20
-137.3	18.5	20	-117.3	18.5	20	-97.3	18.5	20	-77.3	18.5	20	-57.3	18.5	20
-37.3	18.5	20	-17.3	18.5	20	2.8	18.5	20	22.8	18.5	20	42.8	18.5	20
62.8	18.5	20	82.8	18.5	20	102.8	18.5	20	122.8	18.5	20	142.8	18.5	20
162.8	18.5	20	182.8	18.5	20	202.8	18.5	20	222.8	18.5	20	242.8	18.5	20
262.8	18.5	20	282.8	18.5	20	302.8	18.5	20	322.8	18.5	20	342.8	18.5	20
362.8	18.5	20	382.8	18.5	20	402.8	18.5	20	422.8	18.5	20	442.8	18.5	20
462.8	18.5	20	482.8	18.5	20	502.8	18.5	20	522.8	18.5	20	542.8	18.5	20
562.8	18.5	20	582.8	18.5	20	602.8	18.5	20	622.8	18.5	20	642.8	18.5	20
662.8	18.5	20	682.8	18.5	20	702.8	18.5	20	722.8	18.5	20	742.8	18.5	20

Sezione a quota 594

Coordinate dei vertici

X	Y
-750.0	25.0
-750.0	176.5
-700.0	176.5
-700.0	25.0
700.0	25.0
700.0	176.5
750.0	176.5
750.0	25.0
750.0	-25.0
-750.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-737.3	-18.5	20	-717.3	-18.5	20	-697.3	-18.5	20	-677.3	-18.5	20	-657.3	-18.5	20
-637.3	-18.5	20	-617.3	-18.5	20	-597.3	-18.5	20	-577.3	-18.5	20	-557.3	-18.5	20
-537.3	-18.5	20	-517.3	-18.5	20	-497.3	-18.5	20	-477.3	-18.5	20	-457.3	-18.5	20
-437.3	-18.5	20	-417.3	-18.5	20	-397.3	-18.5	20	-377.3	-18.5	20	-357.3	-18.5	20
-337.3	-18.5	20	-317.3	-18.5	20	-297.3	-18.5	20	-277.3	-18.5	20	-257.3	-18.5	20
-237.3	-18.5	20	-217.3	-18.5	20	-197.3	-18.5	20	-177.3	-18.5	20	-157.3	-18.5	20
-137.3	-18.5	20	-117.3	-18.5	20	-97.3	-18.5	20	-77.3	-18.5	20	-57.3	-18.5	20
-37.3	-18.5	20	-17.3	-18.5	20	2.8	-18.5	20	22.8	-18.5	20	42.8	-18.5	20
62.8	-18.5	20	82.8	-18.5	20	102.8	-18.5	20	122.8	-18.5	20	142.8	-18.5	20
162.8	-18.5	20	182.8	-18.5	20	202.8	-18.5	20	222.8	-18.5	20	242.8	-18.5	20
262.8	-18.5	20	282.8	-18.5	20	302.8	-18.5	20	322.8	-18.5	20	342.8	-18.5	20
362.8	-18.5	20	382.8	-18.5	20	402.8	-18.5	20	422.8	-18.5	20	442.8	-18.5	20
462.8	-18.5	20	482.8	-18.5	20	502.8	-18.5	20	522.8	-18.5	20	542.8	-18.5	20
562.8	-18.5	20	582.8	-18.5	20	602.8	-18.5	20	622.8	-18.5	20	642.8	-18.5	20
662.8	-18.5	20	682.8	-18.5	20	702.8	-18.5	20	722.8	-18.5	20	742.8	-18.5	20
-737.3	18.5	20	-717.3	18.5	20	-697.3	18.5	20	-677.3	18.5	20	-657.3	18.5	20
-637.3	18.5	20	-617.3	18.5	20	-597.3	18.5	20	-577.3	18.5	20	-557.3	18.5	20
-537.3	18.5	20	-517.3	18.5	20	-497.3	18.5	20	-477.3	18.5	20	-457.3	18.5	20
-437.3	18.5	20	-417.3	18.5	20	-397.3	18.5	20	-377.3	18.5	20	-357.3	18.5	20
-337.3	18.5	20	-317.3	18.5	20	-297.3	18.5	20	-277.3	18.5	20	-257.3	18.5	20
-237.3	18.5	20	-217.3	18.5	20	-197.3	18.5	20	-177.3	18.5	20	-157.3	18.5	20
-137.3	18.5	20	-117.3	18.5	20	-97.3	18.5	20	-77.3	18.5	20	-57.3	18.5	20
-37.3	18.5	20	-17.3	18.5	20	2.8	18.5	20	22.8	18.5	20	42.8	18.5	20
62.8	18.5	20	82.8	18.5	20	102.8	18.5	20	122.8	18.5	20	142.8	18.5	20
162.8	18.5	20	182.8	18.5	20	202.8	18.5	20	222.8	18.5	20	242.8	18.5	20
262.8	18.5	20	282.8	18.5	20	302.8	18.5	20	322.8	18.5	20	342.8	18.5	20

362.8	18.5	20	382.8	18.5	20	402.8	18.5	20	422.8	18.5	20	442.8	18.5	20
462.8	18.5	20	482.8	18.5	20	502.8	18.5	20	522.8	18.5	20	542.8	18.5	20
562.8	18.5	20	582.8	18.5	20	602.8	18.5	20	622.8	18.5	20	642.8	18.5	20
662.8	18.5	20	682.8	18.5	20	702.8	18.5	20	722.8	18.5	20	742.8	18.5	20
7.5	-18.5	20	7.5	18.5	20									

Sezione a quota 596
Coordinate dei vertici

X	Y
-750.0	25.0
-750.0	176.0
-700.0	176.0
-700.0	25.0
15.0	25.0
15.0	-25.0
-750.0	-25.0
-750.0	25.0
415.0	25.0
700.0	25.0
700.0	176.0
750.0	176.0
750.0	25.0
750.0	-25.0
415.0	-25.0
415.0	25.0
-750.0	25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-737.3	-18.5	20	-717.3	-18.5	20	-697.3	-18.5	20	-677.3	-18.5	20	-657.3	-18.5	20
-637.3	-18.5	20	-617.3	-18.5	20	-597.3	-18.5	20	-577.3	-18.5	20	-557.3	-18.5	20
-537.3	-18.5	20	-517.3	-18.5	20	-497.3	-18.5	20	-477.3	-18.5	20	-457.3	-18.5	20
-437.3	-18.5	20	-417.3	-18.5	20	-397.3	-18.5	20	-377.3	-18.5	20	-357.3	-18.5	20
-337.3	-18.5	20	-317.3	-18.5	20	-297.3	-18.5	20	-277.3	-18.5	20	-257.3	-18.5	20
-237.3	-18.5	20	-217.3	-18.5	20	-197.3	-18.5	20	-177.3	-18.5	20	-157.3	-18.5	20
-137.3	-18.5	20	-117.3	-18.5	20	-97.3	-18.5	20	-77.3	-18.5	20	-57.3	-18.5	20
-37.3	-18.5	20	-17.3	-18.5	20	2.8	-18.5	20	22.8	-18.5	20	42.8	-18.5	20
62.8	-18.5	20	82.8	-18.5	20	102.8	-18.5	20	122.8	-18.5	20	142.8	-18.5	20
162.8	-18.5	20	182.8	-18.5	20	202.8	-18.5	20	222.8	-18.5	20	242.8	-18.5	20
262.8	-18.5	20	282.8	-18.5	20	302.8	-18.5	20	322.8	-18.5	20	342.8	-18.5	20
362.8	-18.5	20	382.8	-18.5	20	402.8	-18.5	20	422.8	-18.5	20	442.8	-18.5	20
462.8	-18.5	20	482.8	-18.5	20	502.8	-18.5	20	522.8	-18.5	20	542.8	-18.5	20
562.8	-18.5	20	582.8	-18.5	20	602.8	-18.5	20	622.8	-18.5	20	642.8	-18.5	20
662.8	-18.5	20	682.8	-18.5	20	702.8	-18.5	20	722.8	-18.5	20	742.8	-18.5	20
-737.3	18.5	20	-717.3	18.5	20	-697.3	18.5	20	-677.3	18.5	20	-657.3	18.5	20
-637.3	18.5	20	-617.3	18.5	20	-597.3	18.5	20	-577.3	18.5	20	-557.3	18.5	20
-537.3	18.5	20	-517.3	18.5	20	-497.3	18.5	20	-477.3	18.5	20	-457.3	18.5	20
-437.3	18.5	20	-417.3	18.5	20	-397.3	18.5	20	-377.3	18.5	20	-357.3	18.5	20
-337.3	18.5	20	-317.3	18.5	20	-297.3	18.5	20	-277.3	18.5	20	-257.3	18.5	20
-237.3	18.5	20	-217.3	18.5	20	-197.3	18.5	20	-177.3	18.5	20	-157.3	18.5	20
-137.3	18.5	20	-117.3	18.5	20	-97.3	18.5	20	-77.3	18.5	20	-57.3	18.5	20
-37.3	18.5	20	-17.3	18.5	20	2.8	18.5	20	22.8	18.5	20	42.8	18.5	20
62.8	18.5	20	82.8	18.5	20	102.8	18.5	20	122.8	18.5	20	142.8	18.5	20
162.8	18.5	20	182.8	18.5	20	202.8	18.5	20	222.8	18.5	20	242.8	18.5	20
262.8	18.5	20	282.8	18.5	20	302.8	18.5	20	322.8	18.5	20	342.8	18.5	20
362.8	18.5	20	382.8	18.5	20	402.8	18.5	20	422.8	18.5	20	442.8	18.5	20
462.8	18.5	20	482.8	18.5	20	502.8	18.5	20	522.8	18.5	20	542.8	18.5	20
562.8	18.5	20	582.8	18.5	20	602.8	18.5	20	622.8	18.5	20	642.8	18.5	20
662.8	18.5	20	682.8	18.5	20	702.8	18.5	20	722.8	18.5	20	742.8	18.5	20
7.5	-18.5	20	7.5	18.5	20									

Sezione a quota 613
Coordinate dei vertici

X	Y
-750.0	25.0
-750.0	171.9
-700.0	171.9
-700.0	25.0
15.0	25.0
15.0	-25.0
-750.0	-25.0
-750.0	25.0
415.0	25.0
700.0	25.0
700.0	171.9
750.0	171.9
750.0	25.0
750.0	-25.0
415.0	-25.0
415.0	25.0
-750.0	25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-737.3	-18.5	20	-717.3	-18.5	20	-697.3	-18.5	20	-677.3	-18.5	20	-657.3	-18.5	20
-637.3	-18.5	20	-617.3	-18.5	20	-597.3	-18.5	20	-577.3	-18.5	20	-557.3	-18.5	20
-537.3	-18.5	20	-517.3	-18.5	20	-497.3	-18.5	20	-477.3	-18.5	20	-457.3	-18.5	20
-437.3	-18.5	20	-417.3	-18.5	20	-397.3	-18.5	20	-377.3	-18.5	20	-357.3	-18.5	20
-337.3	-18.5	20	-317.3	-18.5	20	-297.3	-18.5	20	-277.3	-18.5	20	-257.3	-18.5	20
-237.3	-18.5	20	-217.3	-18.5	20	-197.3	-18.5	20	-177.3	-18.5	20	-157.3	-18.5	20
-137.3	-18.5	20	-117.3	-18.5	20	-97.3	-18.5	20	-77.3	-18.5	20	-57.3	-18.5	20
-37.3	-18.5	20	-17.3	-18.5	20	2.8	-18.5	20	422.8	-18.5	20	442.8	-18.5	20
462.8	-18.5	20	482.8	-18.5	20	502.8	-18.5	20	522.8	-18.5	20	542.8	-18.5	20
562.8	-18.5	20	582.8	-18.5	20	602.8	-18.5	20	622.8	-18.5	20	642.8	-18.5	20

662.8	-18.5	20	682.8	-18.5	20	702.8	-18.5	20	722.8	-18.5	20	742.8	-18.5	20
-737.3	18.5	20	-717.3	18.5	20	-697.3	18.5	20	-677.3	18.5	20	-657.3	18.5	20
-637.3	18.5	20	-617.3	18.5	20	-597.3	18.5	20	-577.3	18.5	20	-557.3	18.5	20
-537.3	18.5	20	-517.3	18.5	20	-497.3	18.5	20	-477.3	18.5	20	-457.3	18.5	20
-437.3	18.5	20	-417.3	18.5	20	-397.3	18.5	20	-377.3	18.5	20	-357.3	18.5	20
-337.3	18.5	20	-317.3	18.5	20	-297.3	18.5	20	-277.3	18.5	20	-257.3	18.5	20
-237.3	18.5	20	-217.3	18.5	20	-197.3	18.5	20	-177.3	18.5	20	-157.3	18.5	20
-137.3	18.5	20	-117.3	18.5	20	-97.3	18.5	20	-77.3	18.5	20	-57.3	18.5	20
-37.3	18.5	20	-17.3	18.5	20	2.8	18.5	20	422.8	18.5	20	442.8	18.5	20
462.8	18.5	20	482.8	18.5	20	502.8	18.5	20	522.8	18.5	20	542.8	18.5	20
562.8	18.5	20	582.8	18.5	20	602.8	18.5	20	622.8	18.5	20	642.8	18.5	20
662.8	18.5	20	682.8	18.5	20	702.8	18.5	20	722.8	18.5	20	742.8	18.5	20
7.5	-18.5	20	7.5	18.5	20									

Sezione a quota 629

Coordinate dei vertici

X	Y
-750.0	25.0
-750.0	167.8
-700.0	167.8
-700.0	25.0
15.0	25.0
15.0	-25.0
-750.0	-25.0
-750.0	25.0
415.0	25.0
700.0	25.0
700.0	167.8
750.0	167.8
750.0	25.0
750.0	-25.0
415.0	-25.0
415.0	25.0
-750.0	25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-737.3	-18.5	20	-717.3	-18.5	20	-697.3	-18.5	20	-677.3	-18.5	20	-657.3	-18.5	20
-637.3	-18.5	20	-617.3	-18.5	20	-597.3	-18.5	20	-577.3	-18.5	20	-557.3	-18.5	20
-537.3	-18.5	20	-517.3	-18.5	20	-497.3	-18.5	20	-477.3	-18.5	20	-457.3	-18.5	20
-437.3	-18.5	20	-417.3	-18.5	20	-397.3	-18.5	20	-377.3	-18.5	20	-357.3	-18.5	20
-337.3	-18.5	20	-317.3	-18.5	20	-297.3	-18.5	20	-277.3	-18.5	20	-257.3	-18.5	20
-237.3	-18.5	20	-217.3	-18.5	20	-197.3	-18.5	20	-177.3	-18.5	20	-157.3	-18.5	20
-137.3	-18.5	20	-117.3	-18.5	20	-97.3	-18.5	20	-77.3	-18.5	20	-57.3	-18.5	20
-37.3	-18.5	20	-17.3	-18.5	20	2.8	-18.5	20	422.8	-18.5	20	442.8	-18.5	20
462.8	-18.5	20	482.8	-18.5	20	502.8	-18.5	20	522.8	-18.5	20	542.8	-18.5	20
562.8	-18.5	20	582.8	-18.5	20	602.8	-18.5	20	622.8	-18.5	20	642.8	-18.5	20
662.8	-18.5	20	682.8	-18.5	20	702.8	-18.5	20	722.8	-18.5	20	742.8	-18.5	20
-737.3	18.5	20	-717.3	18.5	20	-697.3	18.5	20	-677.3	18.5	20	-657.3	18.5	20
-637.3	18.5	20	-617.3	18.5	20	-597.3	18.5	20	-577.3	18.5	20	-557.3	18.5	20
-537.3	18.5	20	-517.3	18.5	20	-497.3	18.5	20	-477.3	18.5	20	-457.3	18.5	20
-437.3	18.5	20	-417.3	18.5	20	-397.3	18.5	20	-377.3	18.5	20	-357.3	18.5	20
-337.3	18.5	20	-317.3	18.5	20	-297.3	18.5	20	-277.3	18.5	20	-257.3	18.5	20
-237.3	18.5	20	-217.3	18.5	20	-197.3	18.5	20	-177.3	18.5	20	-157.3	18.5	20
-137.3	18.5	20	-117.3	18.5	20	-97.3	18.5	20	-77.3	18.5	20	-57.3	18.5	20
-37.3	18.5	20	-17.3	18.5	20	2.8	18.5	20	422.8	18.5	20	442.8	18.5	20
462.8	18.5	20	482.8	18.5	20	502.8	18.5	20	522.8	18.5	20	542.8	18.5	20
562.8	18.5	20	582.8	18.5	20	602.8	18.5	20	622.8	18.5	20	642.8	18.5	20
662.8	18.5	20	682.8	18.5	20	702.8	18.5	20	722.8	18.5	20	742.8	18.5	20
7.5	-18.5	20	7.5	18.5	20									

Sezione a quota 631

Coordinate dei vertici

X	Y
-750.0	25.0
-750.0	167.3
-700.0	167.3
-700.0	25.0
15.0	25.0
15.0	-25.0
-750.0	-25.0
-750.0	25.0
415.0	25.0
700.0	25.0
700.0	167.3
750.0	167.3
750.0	25.0
750.0	-25.0
415.0	-25.0
415.0	25.0
-750.0	25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-737.3	-18.5	20	-717.3	-18.5	20	-697.3	-18.5	20	-677.3	-18.5	20	-657.3	-18.5	20
-637.3	-18.5	20	-617.3	-18.5	20	-597.3	-18.5	20	-577.3	-18.5	20	-557.3	-18.5	20
-537.3	-18.5	20	-517.3	-18.5	20	-497.3	-18.5	20	-477.3	-18.5	20	-457.3	-18.5	20
-437.3	-18.5	20	-417.3	-18.5	20	-397.3	-18.5	20	-377.3	-18.5	20	-357.3	-18.5	20
-337.3	-18.5	20	-317.3	-18.5	20	-297.3	-18.5	20	-277.3	-18.5	20	-257.3	-18.5	20
-237.3	-18.5	20	-217.3	-18.5	20	-197.3	-18.5	20	-177.3	-18.5	20	-157.3	-18.5	20
-137.3	-18.5	20	-117.3	-18.5	20	-97.3	-18.5	20	-77.3	-18.5	20	-57.3	-18.5	20
-37.3	-18.5	20	-17.3	-18.5	20	2.8	-18.5	20	422.8	-18.5	20	442.8	-18.5	20
462.8	-18.5	20	482.8	-18.5	20	502.8	-18.5	20	522.8	-18.5	20	542.8	-18.5	20
562.8	-18.5	20	582.8	-18.5	20	602.8	-18.5	20	622.8	-18.5	20	642.8	-18.5	20

662.8	-18.5	20	682.8	-18.5	20	702.8	-18.5	20	722.8	-18.5	20	742.8	-18.5	20
-737.3	18.5	20	-717.3	18.5	20	-697.3	18.5	20	-677.3	18.5	20	-657.3	18.5	20
-637.3	18.5	20	-617.3	18.5	20	-597.3	18.5	20	-577.3	18.5	20	-557.3	18.5	20
-537.3	18.5	20	-517.3	18.5	20	-497.3	18.5	20	-477.3	18.5	20	-457.3	18.5	20
-437.3	18.5	20	-417.3	18.5	20	-397.3	18.5	20	-377.3	18.5	20	-357.3	18.5	20
-337.3	18.5	20	-317.3	18.5	20	-297.3	18.5	20	-277.3	18.5	20	-257.3	18.5	20
-237.3	18.5	20	-217.3	18.5	20	-197.3	18.5	20	-177.3	18.5	20	-157.3	18.5	20
-137.3	18.5	20	-117.3	18.5	20	-97.3	18.5	20	-77.3	18.5	20	-57.3	18.5	20
-37.3	18.5	20	-17.3	18.5	20	2.8	18.5	20	422.8	18.5	20	442.8	18.5	20
462.8	18.5	20	482.8	18.5	20	502.8	18.5	20	522.8	18.5	20	542.8	18.5	20
562.8	18.5	20	582.8	18.5	20	602.8	18.5	20	622.8	18.5	20	642.8	18.5	20
662.8	18.5	20	682.8	18.5	20	702.8	18.5	20	722.8	18.5	20	742.8	18.5	20
7.5	-18.5	20	7.5	18.5	20									

Sezione a quota 679

Coordinate dei vertici

X	Y
-750.0	25.0
-750.0	155.4
-700.0	155.4
-700.0	25.0
15.0	25.0
15.0	-25.0
-750.0	-25.0
-750.0	25.0
415.0	25.0
700.0	25.0
700.0	155.4
750.0	155.4
750.0	25.0
750.0	-25.0
415.0	-25.0
415.0	25.0
-750.0	25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-737.3	-18.5	20	-717.3	-18.5	20	-697.3	-18.5	20	-677.3	-18.5	20	-657.3	-18.5	20
-637.3	-18.5	20	-617.3	-18.5	20	-597.3	-18.5	20	-577.3	-18.5	20	-557.3	-18.5	20
-537.3	-18.5	20	-517.3	-18.5	20	-497.3	-18.5	20	-477.3	-18.5	20	-457.3	-18.5	20
-437.3	-18.5	20	-417.3	-18.5	20	-397.3	-18.5	20	-377.3	-18.5	20	-357.3	-18.5	20
-337.3	-18.5	20	-317.3	-18.5	20	-297.3	-18.5	20	-277.3	-18.5	20	-257.3	-18.5	20
-237.3	-18.5	20	-217.3	-18.5	20	-197.3	-18.5	20	-177.3	-18.5	20	-157.3	-18.5	20
-137.3	-18.5	20	-117.3	-18.5	20	-97.3	-18.5	20	-77.3	-18.5	20	-57.3	-18.5	20
-37.3	-18.5	20	-17.3	-18.5	20	2.8	-18.5	20	422.8	-18.5	20	442.8	-18.5	20
462.8	-18.5	20	482.8	-18.5	20	502.8	-18.5	20	522.8	-18.5	20	542.8	-18.5	20
562.8	-18.5	20	582.8	-18.5	20	602.8	-18.5	20	622.8	-18.5	20	642.8	-18.5	20
662.8	-18.5	20	682.8	-18.5	20	702.8	-18.5	20	722.8	-18.5	20	742.8	-18.5	20
-737.3	18.5	20	-717.3	18.5	20	-697.3	18.5	20	-677.3	18.5	20	-657.3	18.5	20
-637.3	18.5	20	-617.3	18.5	20	-597.3	18.5	20	-577.3	18.5	20	-557.3	18.5	20
-537.3	18.5	20	-517.3	18.5	20	-497.3	18.5	20	-477.3	18.5	20	-457.3	18.5	20
-437.3	18.5	20	-417.3	18.5	20	-397.3	18.5	20	-377.3	18.5	20	-357.3	18.5	20
-337.3	18.5	20	-317.3	18.5	20	-297.3	18.5	20	-277.3	18.5	20	-257.3	18.5	20
-237.3	18.5	20	-217.3	18.5	20	-197.3	18.5	20	-177.3	18.5	20	-157.3	18.5	20
-137.3	18.5	20	-117.3	18.5	20	-97.3	18.5	20	-77.3	18.5	20	-57.3	18.5	20
-37.3	18.5	20	-17.3	18.5	20	2.8	18.5	20	422.8	18.5	20	442.8	18.5	20
462.8	18.5	20	482.8	18.5	20	502.8	18.5	20	522.8	18.5	20	542.8	18.5	20
562.8	18.5	20	582.8	18.5	20	602.8	18.5	20	622.8	18.5	20	642.8	18.5	20
662.8	18.5	20	682.8	18.5	20	702.8	18.5	20	722.8	18.5	20	742.8	18.5	20
7.5	-18.5	20	7.5	18.5	20									

Sezione a quota 726

Coordinate dei vertici

X	Y
-750.0	25.0
-750.0	143.5
-700.0	143.5
-700.0	25.0
15.0	25.0
15.0	-25.0
-750.0	-25.0
-750.0	25.0
415.0	25.0
700.0	25.0
700.0	143.5
750.0	143.5
750.0	25.0
750.0	-25.0
415.0	-25.0
415.0	25.0
-750.0	25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-737.3	-18.5	20	-717.3	-18.5	20	-697.3	-18.5	20	-677.3	-18.5	20	-657.3	-18.5	20
-637.3	-18.5	20	-617.3	-18.5	20	-597.3	-18.5	20	-577.3	-18.5	20	-557.3	-18.5	20
-537.3	-18.5	20	-517.3	-18.5	20	-497.3	-18.5	20	-477.3	-18.5	20	-457.3	-18.5	20
-437.3	-18.5	20	-417.3	-18.5	20	-397.3	-18.5	20	-377.3	-18.5	20	-357.3	-18.5	20
-337.3	-18.5	20	-317.3	-18.5	20	-297.3	-18.5	20	-277.3	-18.5	20	-257.3	-18.5	20
-237.3	-18.5	20	-217.3	-18.5	20	-197.3	-18.5	20	-177.3	-18.5	20	-157.3	-18.5	20
-137.3	-18.5	20	-117.3	-18.5	20	-97.3	-18.5	20	-77.3	-18.5	20	-57.3	-18.5	20
-37.3	-18.5	20	-17.3	-18.5	20	2.8	-18.5	20	422.8	-18.5	20	442.8	-18.5	20
462.8	-18.5	20	482.8	-18.5	20	502.8	-18.5	20	522.8	-18.5	20	542.8	-18.5	20
562.8	-18.5	20	582.8	-18.5	20	602.8	-18.5	20	622.8	-18.5	20	642.8	-18.5	20

662.8	-18.5	20	682.8	-18.5	20	702.8	-18.5	20	722.8	-18.5	20	742.8	-18.5	20
-737.3	18.5	20	-717.3	18.5	20	-697.3	18.5	20	-677.3	18.5	20	-657.3	18.5	20
-637.3	18.5	20	-617.3	18.5	20	-597.3	18.5	20	-577.3	18.5	20	-557.3	18.5	20
-537.3	18.5	20	-517.3	18.5	20	-497.3	18.5	20	-477.3	18.5	20	-457.3	18.5	20
-437.3	18.5	20	-417.3	18.5	20	-397.3	18.5	20	-377.3	18.5	20	-357.3	18.5	20
-337.3	18.5	20	-317.3	18.5	20	-297.3	18.5	20	-277.3	18.5	20	-257.3	18.5	20
-237.3	18.5	20	-217.3	18.5	20	-197.3	18.5	20	-177.3	18.5	20	-157.3	18.5	20
-137.3	18.5	20	-117.3	18.5	20	-97.3	18.5	20	-77.3	18.5	20	-57.3	18.5	20
-37.3	18.5	20	-17.3	18.5	20	2.8	18.5	20	422.8	18.5	20	442.8	18.5	20
462.8	18.5	20	482.8	18.5	20	502.8	18.5	20	522.8	18.5	20	542.8	18.5	20
562.8	18.5	20	582.8	18.5	20	602.8	18.5	20	622.8	18.5	20	642.8	18.5	20
662.8	18.5	20	682.8	18.5	20	702.8	18.5	20	722.8	18.5	20	742.8	18.5	20
7.5	-18.5	20	7.5	18.5	20									

Sezione a quota 728

Coordinate dei vertici

X	Y
-750.0	25.0
-750.0	143.0
-700.0	143.0
-700.0	25.0
15.0	25.0
15.0	-25.0
-750.0	-25.0
-750.0	25.0
415.0	25.0
700.0	25.0
700.0	143.0
750.0	143.0
750.0	25.0
750.0	-25.0
415.0	-25.0
415.0	25.0
-750.0	25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-737.3	-18.5	20	-717.3	-18.5	20	-697.3	-18.5	20	-677.3	-18.5	20	-657.3	-18.5	20
-637.3	-18.5	20	-617.3	-18.5	20	-597.3	-18.5	20	-577.3	-18.5	20	-557.3	-18.5	20
-537.3	-18.5	20	-517.3	-18.5	20	-497.3	-18.5	20	-477.3	-18.5	20	-457.3	-18.5	20
-437.3	-18.5	20	-417.3	-18.5	20	-397.3	-18.5	20	-377.3	-18.5	20	-357.3	-18.5	20
-337.3	-18.5	20	-317.3	-18.5	20	-297.3	-18.5	20	-277.3	-18.5	20	-257.3	-18.5	20
-237.3	-18.5	20	-217.3	-18.5	20	-197.3	-18.5	20	-177.3	-18.5	20	-157.3	-18.5	20
-137.3	-18.5	20	-117.3	-18.5	20	-97.3	-18.5	20	-77.3	-18.5	20	-57.3	-18.5	20
-37.3	-18.5	20	-17.3	-18.5	20	2.8	-18.5	20	422.8	-18.5	20	442.8	-18.5	20
462.8	-18.5	20	482.8	-18.5	20	502.8	-18.5	20	522.8	-18.5	20	542.8	-18.5	20
562.8	-18.5	20	582.8	-18.5	20	602.8	-18.5	20	622.8	-18.5	20	642.8	-18.5	20
662.8	-18.5	20	682.8	-18.5	20	702.8	-18.5	20	722.8	-18.5	20	742.8	-18.5	20
-737.3	18.5	20	-717.3	18.5	20	-697.3	18.5	20	-677.3	18.5	20	-657.3	18.5	20
-637.3	18.5	20	-617.3	18.5	20	-597.3	18.5	20	-577.3	18.5	20	-557.3	18.5	20
-537.3	18.5	20	-517.3	18.5	20	-497.3	18.5	20	-477.3	18.5	20	-457.3	18.5	20
-437.3	18.5	20	-417.3	18.5	20	-397.3	18.5	20	-377.3	18.5	20	-357.3	18.5	20
-337.3	18.5	20	-317.3	18.5	20	-297.3	18.5	20	-277.3	18.5	20	-257.3	18.5	20
-237.3	18.5	20	-217.3	18.5	20	-197.3	18.5	20	-177.3	18.5	20	-157.3	18.5	20
-137.3	18.5	20	-117.3	18.5	20	-97.3	18.5	20	-77.3	18.5	20	-57.3	18.5	20
-37.3	18.5	20	-17.3	18.5	20	2.8	18.5	20	422.8	18.5	20	442.8	18.5	20
462.8	18.5	20	482.8	18.5	20	502.8	18.5	20	522.8	18.5	20	542.8	18.5	20
562.8	18.5	20	582.8	18.5	20	602.8	18.5	20	622.8	18.5	20	642.8	18.5	20
662.8	18.5	20	682.8	18.5	20	702.8	18.5	20	722.8	18.5	20	742.8	18.5	20
7.5	-18.5	20	7.5	18.5	20									

Sezione a quota 729

Coordinate dei vertici

X	Y
-750.0	25.0
-750.0	142.9
-700.0	142.9
-700.0	25.0
15.0	25.0
15.0	-25.0
-750.0	-25.0
-750.0	25.0
415.0	25.0
700.0	25.0
700.0	142.9
750.0	142.9
750.0	25.0
750.0	-25.0
415.0	-25.0
415.0	25.0
-750.0	25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-737.3	-18.5	20	-717.3	-18.5	20	-697.3	-18.5	20	-677.3	-18.5	20	-657.3	-18.5	20
-637.3	-18.5	20	-617.3	-18.5	20	-597.3	-18.5	20	-577.3	-18.5	20	-557.3	-18.5	20
-537.3	-18.5	20	-517.3	-18.5	20	-497.3	-18.5	20	-477.3	-18.5	20	-457.3	-18.5	20
-437.3	-18.5	20	-417.3	-18.5	20	-397.3	-18.5	20	-377.3	-18.5	20	-357.3	-18.5	20
-337.3	-18.5	20	-317.3	-18.5	20	-297.3	-18.5	20	-277.3	-18.5	20	-257.3	-18.5	20
-237.3	-18.5	20	-217.3	-18.5	20	-197.3	-18.5	20	-177.3	-18.5	20	-157.3	-18.5	20
-137.3	-18.5	20	-117.3	-18.5	20	-97.3	-18.5	20	-77.3	-18.5	20	-57.3	-18.5	20
-37.3	-18.5	20	-17.3	-18.5	20	2.8	-18.5	20	422.8	-18.5	20	442.8	-18.5	20
462.8	-18.5	20	482.8	-18.5	20	502.8	-18.5	20	522.8	-18.5	20	542.8	-18.5	20
562.8	-18.5	20	582.8	-18.5	20	602.8	-18.5	20	622.8	-18.5	20	642.8	-18.5	20

662.8	-18.5	20	682.8	-18.5	20	702.8	-18.5	20	722.8	-18.5	20	742.8	-18.5	20
-737.3	18.5	20	-717.3	18.5	20	-697.3	18.5	20	-677.3	18.5	20	-657.3	18.5	20
-637.3	18.5	20	-617.3	18.5	20	-597.3	18.5	20	-577.3	18.5	20	-557.3	18.5	20
-537.3	18.5	20	-517.3	18.5	20	-497.3	18.5	20	-477.3	18.5	20	-457.3	18.5	20
-437.3	18.5	20	-417.3	18.5	20	-397.3	18.5	20	-377.3	18.5	20	-357.3	18.5	20
-337.3	18.5	20	-317.3	18.5	20	-297.3	18.5	20	-277.3	18.5	20	-257.3	18.5	20
-237.3	18.5	20	-217.3	18.5	20	-197.3	18.5	20	-177.3	18.5	20	-157.3	18.5	20
-137.3	18.5	20	-117.3	18.5	20	-97.3	18.5	20	-77.3	18.5	20	-57.3	18.5	20
-37.3	18.5	20	-17.3	18.5	20	2.8	18.5	20	422.8	18.5	20	442.8	18.5	20
462.8	18.5	20	482.8	18.5	20	502.8	18.5	20	522.8	18.5	20	542.8	18.5	20
562.8	18.5	20	582.8	18.5	20	602.8	18.5	20	622.8	18.5	20	642.8	18.5	20
662.8	18.5	20	682.8	18.5	20	702.8	18.5	20	722.8	18.5	20	742.8	18.5	20
7.5	-18.5	20	7.5	18.5	20									

Sezione a quota 729

Coordinate dei vertici

X	Y
-750.0	25.0
-750.0	142.8
-700.0	142.8
-700.0	25.0
15.0	25.0
15.0	-25.0
-750.0	-25.0
-750.0	25.0
415.0	25.0
700.0	25.0
700.0	142.8
750.0	142.8
750.0	25.0
750.0	-25.0
415.0	-25.0
415.0	25.0
-750.0	25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-737.3	-18.5	20	-717.3	-18.5	20	-697.3	-18.5	20	-677.3	-18.5	20	-657.3	-18.5	20
-637.3	-18.5	20	-617.3	-18.5	20	-597.3	-18.5	20	-577.3	-18.5	20	-557.3	-18.5	20
-537.3	-18.5	20	-517.3	-18.5	20	-497.3	-18.5	20	-477.3	-18.5	20	-457.3	-18.5	20
-437.3	-18.5	20	-417.3	-18.5	20	-397.3	-18.5	20	-377.3	-18.5	20	-357.3	-18.5	20
-337.3	-18.5	20	-317.3	-18.5	20	-297.3	-18.5	20	-277.3	-18.5	20	-257.3	-18.5	20
-237.3	-18.5	20	-217.3	-18.5	20	-197.3	-18.5	20	-177.3	-18.5	20	-157.3	-18.5	20
-137.3	-18.5	20	-117.3	-18.5	20	-97.3	-18.5	20	-77.3	-18.5	20	-57.3	-18.5	20
-37.3	-18.5	20	-17.3	-18.5	20	2.8	-18.5	20	422.8	-18.5	20	442.8	-18.5	20
462.8	-18.5	20	482.8	-18.5	20	502.8	-18.5	20	522.8	-18.5	20	542.8	-18.5	20
562.8	-18.5	20	582.8	-18.5	20	602.8	-18.5	20	622.8	-18.5	20	642.8	-18.5	20
662.8	-18.5	20	682.8	-18.5	20	702.8	-18.5	20	722.8	-18.5	20	742.8	-18.5	20
-737.3	18.5	20	-717.3	18.5	20	-697.3	18.5	20	-677.3	18.5	20	-657.3	18.5	20
-637.3	18.5	20	-617.3	18.5	20	-597.3	18.5	20	-577.3	18.5	20	-557.3	18.5	20
-537.3	18.5	20	-517.3	18.5	20	-497.3	18.5	20	-477.3	18.5	20	-457.3	18.5	20
-437.3	18.5	20	-417.3	18.5	20	-397.3	18.5	20	-377.3	18.5	20	-357.3	18.5	20
-337.3	18.5	20	-317.3	18.5	20	-297.3	18.5	20	-277.3	18.5	20	-257.3	18.5	20
-237.3	18.5	20	-217.3	18.5	20	-197.3	18.5	20	-177.3	18.5	20	-157.3	18.5	20
-137.3	18.5	20	-117.3	18.5	20	-97.3	18.5	20	-77.3	18.5	20	-57.3	18.5	20
-37.3	18.5	20	-17.3	18.5	20	2.8	18.5	20	422.8	18.5	20	442.8	18.5	20
462.8	18.5	20	482.8	18.5	20	502.8	18.5	20	522.8	18.5	20	542.8	18.5	20
562.8	18.5	20	582.8	18.5	20	602.8	18.5	20	622.8	18.5	20	642.8	18.5	20
662.8	18.5	20	682.8	18.5	20	702.8	18.5	20	722.8	18.5	20	742.8	18.5	20
7.5	-18.5	20	7.5	18.5	20									

Sezione a quota 731

Coordinate dei vertici

X	Y
-750.0	25.0
-750.0	142.3
-700.0	142.3
-700.0	25.0
15.0	25.0
15.0	-25.0
-750.0	-25.0
-750.0	25.0
415.0	25.0
700.0	25.0
700.0	142.3
750.0	142.3
750.0	25.0
750.0	-25.0
415.0	-25.0
415.0	25.0
-750.0	25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-737.3	-18.5	20	-717.3	-18.5	20	-697.3	-18.5	20	-677.3	-18.5	20	-657.3	-18.5	20
-637.3	-18.5	20	-617.3	-18.5	20	-597.3	-18.5	20	-577.3	-18.5	20	-557.3	-18.5	20
-537.3	-18.5	20	-517.3	-18.5	20	-497.3	-18.5	20	-477.3	-18.5	20	-457.3	-18.5	20
-437.3	-18.5	20	-417.3	-18.5	20	-397.3	-18.5	20	-377.3	-18.5	20	-357.3	-18.5	20
-337.3	-18.5	20	-317.3	-18.5	20	-297.3	-18.5	20	-277.3	-18.5	20	-257.3	-18.5	20
-237.3	-18.5	20	-217.3	-18.5	20	-197.3	-18.5	20	-177.3	-18.5	20	-157.3	-18.5	20
-137.3	-18.5	20	-117.3	-18.5	20	-97.3	-18.5	20	-77.3	-18.5	20	-57.3	-18.5	20
-37.3	-18.5	20	-17.3	-18.5	20	2.8	-18.5	20	422.8	-18.5	20	442.8	-18.5	20
462.8	-18.5	20	482.8	-18.5	20	502.8	-18.5	20	522.8	-18.5	20	542.8	-18.5	20
562.8	-18.5	20	582.8	-18.5	20	602.8	-18.5	20	622.8	-18.5	20	642.8	-18.5	20

662.8	-18.5	20	682.8	-18.5	20	702.8	-18.5	20	722.8	-18.5	20	742.8	-18.5	20
-737.3	18.5	20	-717.3	18.5	20	-697.3	18.5	20	-677.3	18.5	20	-657.3	18.5	20
-637.3	18.5	20	-617.3	18.5	20	-597.3	18.5	20	-577.3	18.5	20	-557.3	18.5	20
-537.3	18.5	20	-517.3	18.5	20	-497.3	18.5	20	-477.3	18.5	20	-457.3	18.5	20
-437.3	18.5	20	-417.3	18.5	20	-397.3	18.5	20	-377.3	18.5	20	-357.3	18.5	20
-337.3	18.5	20	-317.3	18.5	20	-297.3	18.5	20	-277.3	18.5	20	-257.3	18.5	20
-237.3	18.5	20	-217.3	18.5	20	-197.3	18.5	20	-177.3	18.5	20	-157.3	18.5	20
-137.3	18.5	20	-117.3	18.5	20	-97.3	18.5	20	-77.3	18.5	20	-57.3	18.5	20
-37.3	18.5	20	-17.3	18.5	20	2.8	18.5	20	422.8	18.5	20	442.8	18.5	20
462.8	18.5	20	482.8	18.5	20	502.8	18.5	20	522.8	18.5	20	542.8	18.5	20
562.8	18.5	20	582.8	18.5	20	602.8	18.5	20	622.8	18.5	20	642.8	18.5	20
662.8	18.5	20	682.8	18.5	20	702.8	18.5	20	722.8	18.5	20	742.8	18.5	20
7.5	-18.5	20	7.5	18.5	20									

Sezione a quota 951

Coordinate dei vertici

X	Y
-750.0	25.0
-750.0	87.3
-700.0	87.3
-700.0	25.0
700.0	25.0
700.0	87.3
750.0	87.3
750.0	25.0
750.0	-25.0
-750.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-737.3	-18.5	20	-717.3	-18.5	20	-697.3	-18.5	20	-677.3	-18.5	20	-657.3	-18.5	20
-637.3	-18.5	20	-617.3	-18.5	20	-597.3	-18.5	20	-577.3	-18.5	20	-557.3	-18.5	20
-537.3	-18.5	20	-517.3	-18.5	20	-497.3	-18.5	20	-477.3	-18.5	20	-457.3	-18.5	20
-437.3	-18.5	20	-417.3	-18.5	20	-397.3	-18.5	20	-377.3	-18.5	20	-357.3	-18.5	20
-337.3	-18.5	20	-317.3	-18.5	20	-297.3	-18.5	20	-277.3	-18.5	20	-257.3	-18.5	20
-237.3	-18.5	20	-217.3	-18.5	20	-197.3	-18.5	20	-177.3	-18.5	20	-157.3	-18.5	20
-137.3	-18.5	20	-117.3	-18.5	20	-97.3	-18.5	20	-77.3	-18.5	20	-57.3	-18.5	20
-37.3	-18.5	20	-17.3	-18.5	20	2.8	-18.5	20	22.8	-18.5	20	42.8	-18.5	20
62.8	-18.5	20	82.8	-18.5	20	102.8	-18.5	20	122.8	-18.5	20	142.8	-18.5	20
162.8	-18.5	20	182.8	-18.5	20	202.8	-18.5	20	222.8	-18.5	20	242.8	-18.5	20
262.8	-18.5	20	282.8	-18.5	20	302.8	-18.5	20	322.8	-18.5	20	342.8	-18.5	20
362.8	-18.5	20	382.8	-18.5	20	402.8	-18.5	20	422.8	-18.5	20	442.8	-18.5	20
462.8	-18.5	20	482.8	-18.5	20	502.8	-18.5	20	522.8	-18.5	20	542.8	-18.5	20
562.8	-18.5	20	582.8	-18.5	20	602.8	-18.5	20	622.8	-18.5	20	642.8	-18.5	20
662.8	-18.5	20	682.8	-18.5	20	702.8	-18.5	20	722.8	-18.5	20	742.8	-18.5	20
-737.3	18.5	20	-717.3	18.5	20	-697.3	18.5	20	-677.3	18.5	20	-657.3	18.5	20
-637.3	18.5	20	-617.3	18.5	20	-597.3	18.5	20	-577.3	18.5	20	-557.3	18.5	20
-537.3	18.5	20	-517.3	18.5	20	-497.3	18.5	20	-477.3	18.5	20	-457.3	18.5	20
-437.3	18.5	20	-417.3	18.5	20	-397.3	18.5	20	-377.3	18.5	20	-357.3	18.5	20
-337.3	18.5	20	-317.3	18.5	20	-297.3	18.5	20	-277.3	18.5	20	-257.3	18.5	20
-237.3	18.5	20	-217.3	18.5	20	-197.3	18.5	20	-177.3	18.5	20	-157.3	18.5	20
-137.3	18.5	20	-117.3	18.5	20	-97.3	18.5	20	-77.3	18.5	20	-57.3	18.5	20
-37.3	18.5	20	-17.3	18.5	20	2.8	18.5	20	22.8	18.5	20	42.8	18.5	20
62.8	18.5	20	82.8	18.5	20	102.8	18.5	20	122.8	18.5	20	142.8	18.5	20
162.8	18.5	20	182.8	18.5	20	202.8	18.5	20	222.8	18.5	20	242.8	18.5	20
262.8	18.5	20	282.8	18.5	20	302.8	18.5	20	322.8	18.5	20	342.8	18.5	20
362.8	18.5	20	382.8	18.5	20	402.8	18.5	20	422.8	18.5	20	442.8	18.5	20
462.8	18.5	20	482.8	18.5	20	502.8	18.5	20	522.8	18.5	20	542.8	18.5	20
562.8	18.5	20	582.8	18.5	20	602.8	18.5	20	622.8	18.5	20	642.8	18.5	20
662.8	18.5	20	682.8	18.5	20	702.8	18.5	20	722.8	18.5	20	742.8	18.5	20

Sezione a quota 1171

Coordinate dei vertici

X	Y
-750.0	-25.0
-750.0	25.0
750.0	25.0
750.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-737.3	-18.5	20	-717.3	-18.5	20	-697.3	-18.5	20	-677.3	-18.5	20	-657.3	-18.5	20
-637.3	-18.5	20	-617.3	-18.5	20	-597.3	-18.5	20	-577.3	-18.5	20	-557.3	-18.5	20
-537.3	-18.5	20	-517.3	-18.5	20	-497.3	-18.5	20	-477.3	-18.5	20	-457.3	-18.5	20
-437.3	-18.5	20	-417.3	-18.5	20	-397.3	-18.5	20	-377.3	-18.5	20	-357.3	-18.5	20
-337.3	-18.5	20	-317.3	-18.5	20	-297.3	-18.5	20	-277.3	-18.5	20	-257.3	-18.5	20
-237.3	-18.5	20	-217.3	-18.5	20	-197.3	-18.5	20	-177.3	-18.5	20	-157.3	-18.5	20
-137.3	-18.5	20	-117.3	-18.5	20	-97.3	-18.5	20	-77.3	-18.5	20	-57.3	-18.5	20
-37.3	-18.5	20	-17.3	-18.5	20	2.8	-18.5	20	22.8	-18.5	20	42.8	-18.5	20
62.8	-18.5	20	82.8	-18.5	20	102.8	-18.5	20	122.8	-18.5	20	142.8	-18.5	20
162.8	-18.5	20	182.8	-18.5	20	202.8	-18.5	20	222.8	-18.5	20	242.8	-18.5	20
262.8	-18.5	20	282.8	-18.5	20	302.8	-18.5	20	322.8	-18.5	20	342.8	-18.5	20
362.8	-18.5	20	382.8	-18.5	20	402.8	-18.5	20	422.8	-18.5	20	442.8	-18.5	20
462.8	-18.5	20	482.8	-18.5	20	502.8	-18.5	20	522.8	-18.5	20	542.8	-18.5	20
562.8	-18.5	20	582.8	-18.5	20	602.8	-18.5	20	622.8	-18.5	20	642.8	-18.5	20
662.8	-18.5	20	682.8	-18.5	20	702.8	-18.5	20	722.8	-18.5	20	742.8	-18.5	20
-737.3	18.5	20	-717.3	18.5	20	-697.3	18.5	20	-677.3	18.5	20	-657.3	18.5	20
-637.3	18.5	20	-617.3	18.5	20	-597.3	18.5	20	-577.3	18.5	20	-557.3	18.5	20
-537.3	18.5	20	-517.3	18.5	20	-497.3	18.5	20	-477.3	18.5	20	-457.3	18.5	20
-437.3	18.5	20	-417.3	18.5	20	-397.3	18.5	20	-377.3	18.5	20	-357.3	18.5	20
-337.3	18.5	20	-317.3	18.5	20	-297.3	18.5	20	-277.3	18.5	20	-257.3	18.5	20
-237.3	18.5	20	-217.3	18.5	20	-197.3	18.5	20	-177.3	18.5	20	-157.3	18.5	20
-137.3	18.5	20	-117.3	18.5	20	-97.3	18.5	20	-77.3	18.5	20	-57.3	18.5	20
-37.3	18.5	20	-17.3	18.5	20	2.8	18.5	20	22.8	18.5	20	42.8	18.5	20

62.8	18.5	20	82.8	18.5	20	102.8	18.5	20	122.8	18.5	20	142.8	18.5	20
162.8	18.5	20	182.8	18.5	20	202.8	18.5	20	222.8	18.5	20	242.8	18.5	20
262.8	18.5	20	282.8	18.5	20	302.8	18.5	20	322.8	18.5	20	342.8	18.5	20
362.8	18.5	20	382.8	18.5	20	402.8	18.5	20	422.8	18.5	20	442.8	18.5	20
462.8	18.5	20	482.8	18.5	20	502.8	18.5	20	522.8	18.5	20	542.8	18.5	20
562.8	18.5	20	582.8	18.5	20	602.8	18.5	20	622.8	18.5	20	642.8	18.5	20
662.8	18.5	20	682.8	18.5	20	702.8	18.5	20	722.8	18.5	20	742.8	18.5	20

Sezione a quota 1173

Coordinate dei vertici

X	Y
-750.0	-25.0
-750.0	25.0
750.0	25.0
750.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-737.3	-18.5	20	-717.3	-18.5	20	-697.3	-18.5	20	-677.3	-18.5	20	-657.3	-18.5	20
-637.3	-18.5	20	-617.3	-18.5	20	-597.3	-18.5	20	-577.3	-18.5	20	-557.3	-18.5	20
-537.3	-18.5	20	-517.3	-18.5	20	-497.3	-18.5	20	-477.3	-18.5	20	-457.3	-18.5	20
-437.3	-18.5	20	-417.3	-18.5	20	-397.3	-18.5	20	-377.3	-18.5	20	-357.3	-18.5	20
-337.3	-18.5	20	-317.3	-18.5	20	-297.3	-18.5	20	-277.3	-18.5	20	-257.3	-18.5	20
-237.3	-18.5	20	-217.3	-18.5	20	-197.3	-18.5	20	-177.3	-18.5	20	-157.3	-18.5	20
-137.3	-18.5	20	-117.3	-18.5	20	-97.3	-18.5	20	-77.3	-18.5	20	-57.3	-18.5	20
-37.3	-18.5	20	-17.3	-18.5	20	2.8	-18.5	20	22.8	-18.5	20	42.8	-18.5	20
62.8	-18.5	20	82.8	-18.5	20	102.8	-18.5	20	122.8	-18.5	20	142.8	-18.5	20
162.8	-18.5	20	182.8	-18.5	20	202.8	-18.5	20	222.8	-18.5	20	242.8	-18.5	20
262.8	-18.5	20	282.8	-18.5	20	302.8	-18.5	20	322.8	-18.5	20	342.8	-18.5	20
362.8	-18.5	20	382.8	-18.5	20	402.8	-18.5	20	422.8	-18.5	20	442.8	-18.5	20
462.8	-18.5	20	482.8	-18.5	20	502.8	-18.5	20	522.8	-18.5	20	542.8	-18.5	20
562.8	-18.5	20	582.8	-18.5	20	602.8	-18.5	20	622.8	-18.5	20	642.8	-18.5	20
662.8	-18.5	20	682.8	-18.5	20	702.8	-18.5	20	722.8	-18.5	20	742.8	-18.5	20
-737.3	18.5	20	-717.3	18.5	20	-697.3	18.5	20	-677.3	18.5	20	-657.3	18.5	20
-637.3	18.5	20	-617.3	18.5	20	-597.3	18.5	20	-577.3	18.5	20	-557.3	18.5	20
-537.3	18.5	20	-517.3	18.5	20	-497.3	18.5	20	-477.3	18.5	20	-457.3	18.5	20
-437.3	18.5	20	-417.3	18.5	20	-397.3	18.5	20	-377.3	18.5	20	-357.3	18.5	20
-337.3	18.5	20	-317.3	18.5	20	-297.3	18.5	20	-277.3	18.5	20	-257.3	18.5	20
-237.3	18.5	20	-217.3	18.5	20	-197.3	18.5	20	-177.3	18.5	20	-157.3	18.5	20
-137.3	18.5	20	-117.3	18.5	20	-97.3	18.5	20	-77.3	18.5	20	-57.3	18.5	20
-37.3	18.5	20	-17.3	18.5	20	2.8	18.5	20	22.8	18.5	20	42.8	18.5	20
62.8	18.5	20	82.8	18.5	20	102.8	18.5	20	122.8	18.5	20	142.8	18.5	20
162.8	18.5	20	182.8	18.5	20	202.8	18.5	20	222.8	18.5	20	242.8	18.5	20
262.8	18.5	20	282.8	18.5	20	302.8	18.5	20	322.8	18.5	20	342.8	18.5	20
362.8	18.5	20	382.8	18.5	20	402.8	18.5	20	422.8	18.5	20	442.8	18.5	20
462.8	18.5	20	482.8	18.5	20	502.8	18.5	20	522.8	18.5	20	542.8	18.5	20
562.8	18.5	20	582.8	18.5	20	602.8	18.5	20	622.8	18.5	20	642.8	18.5	20
662.8	18.5	20	682.8	18.5	20	702.8	18.5	20	722.8	18.5	20	742.8	18.5	20

Sezione a quota 1236

Coordinate dei vertici

X	Y
-750.0	-25.0
-750.0	25.0
750.0	25.0
750.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-737.3	-18.5	20	-717.3	-18.5	20	-697.3	-18.5	20	-677.3	-18.5	20	-657.3	-18.5	20
-637.3	-18.5	20	-617.3	-18.5	20	-597.3	-18.5	20	-577.3	-18.5	20	-557.3	-18.5	20
-537.3	-18.5	20	-517.3	-18.5	20	-497.3	-18.5	20	-477.3	-18.5	20	-457.3	-18.5	20
-437.3	-18.5	20	-417.3	-18.5	20	-397.3	-18.5	20	-377.3	-18.5	20	-357.3	-18.5	20
-337.3	-18.5	20	-317.3	-18.5	20	-297.3	-18.5	20	-277.3	-18.5	20	-257.3	-18.5	20
-237.3	-18.5	20	-217.3	-18.5	20	-197.3	-18.5	20	-177.3	-18.5	20	-157.3	-18.5	20
-137.3	-18.5	20	-117.3	-18.5	20	-97.3	-18.5	20	-77.3	-18.5	20	-57.3	-18.5	20
-37.3	-18.5	20	-17.3	-18.5	20	2.8	-18.5	20	22.8	-18.5	20	42.8	-18.5	20
62.8	-18.5	20	82.8	-18.5	20	102.8	-18.5	20	122.8	-18.5	20	142.8	-18.5	20
162.8	-18.5	20	182.8	-18.5	20	202.8	-18.5	20	222.8	-18.5	20	242.8	-18.5	20
262.8	-18.5	20	282.8	-18.5	20	302.8	-18.5	20	322.8	-18.5	20	342.8	-18.5	20
362.8	-18.5	20	382.8	-18.5	20	402.8	-18.5	20	422.8	-18.5	20	442.8	-18.5	20
462.8	-18.5	20	482.8	-18.5	20	502.8	-18.5	20	522.8	-18.5	20	542.8	-18.5	20
562.8	-18.5	20	582.8	-18.5	20	602.8	-18.5	20	622.8	-18.5	20	642.8	-18.5	20
662.8	-18.5	20	682.8	-18.5	20	702.8	-18.5	20	722.8	-18.5	20	742.8	-18.5	20
-737.3	18.5	20	-717.3	18.5	20	-697.3	18.5	20	-677.3	18.5	20	-657.3	18.5	20
-637.3	18.5	20	-617.3	18.5	20	-597.3	18.5	20	-577.3	18.5	20	-557.3	18.5	20
-537.3	18.5	20	-517.3	18.5	20	-497.3	18.5	20	-477.3	18.5	20	-457.3	18.5	20
-437.3	18.5	20	-417.3	18.5	20	-397.3	18.5	20	-377.3	18.5	20	-357.3	18.5	20
-337.3	18.5	20	-317.3	18.5	20	-297.3	18.5	20	-277.3	18.5	20	-257.3	18.5	20
-237.3	18.5	20	-217.3	18.5	20	-197.3	18.5	20	-177.3	18.5	20	-157.3	18.5	20
-137.3	18.5	20	-117.3	18.5	20	-97.3	18.5	20	-77.3	18.5	20	-57.3	18.5	20
-37.3	18.5	20	-17.3	18.5	20	2.8	18.5	20	22.8	18.5	20	42.8	18.5	20
62.8	18.5	20	82.8	18.5	20	102.8	18.5	20	122.8	18.5	20	142.8	18.5	20
162.8	18.5	20	182.8	18.5	20	202.8	18.5	20	222.8	18.5	20	242.8	18.5	20
262.8	18.5	20	282.8	18.5	20	302.8	18.5	20	322.8	18.5	20	342.8	18.5	20
362.8	18.5	20	382.8	18.5	20	402.8	18.5	20	422.8	18.5	20	442.8	18.5	20
462.8	18.5	20	482.8	18.5	20	502.8	18.5	20	522.8	18.5	20	542.8	18.5	20
562.8	18.5	20	582.8	18.5	20	602.8	18.5	20	622.8	18.5	20	642.8	18.5	20
662.8	18.5	20	682.8	18.5	20	702.8	18.5	20	722.8	18.5	20	742.8	18.5	20

Sezione a quota 1299

Coordinate dei vertici

X	Y
-750.0	-25.0

-750.0	25.0
750.0	25.0
750.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-737.3	-18.5	20	-717.3	-18.5	20	-697.3	-18.5	20	-677.3	-18.5	20	-657.3	-18.5	20
-637.3	-18.5	20	-617.3	-18.5	20	-597.3	-18.5	20	-577.3	-18.5	20	-557.3	-18.5	20
-537.3	-18.5	20	-517.3	-18.5	20	-497.3	-18.5	20	-477.3	-18.5	20	-457.3	-18.5	20
-437.3	-18.5	20	-417.3	-18.5	20	-397.3	-18.5	20	-377.3	-18.5	20	-357.3	-18.5	20
-337.3	-18.5	20	-317.3	-18.5	20	-297.3	-18.5	20	-277.3	-18.5	20	-257.3	-18.5	20
-237.3	-18.5	20	-217.3	-18.5	20	-197.3	-18.5	20	-177.3	-18.5	20	-157.3	-18.5	20
-137.3	-18.5	20	-117.3	-18.5	20	-97.3	-18.5	20	-77.3	-18.5	20	-57.3	-18.5	20
-37.3	-18.5	20	-17.3	-18.5	20	2.8	-18.5	20	22.8	-18.5	20	42.8	-18.5	20
62.8	-18.5	20	82.8	-18.5	20	102.8	-18.5	20	122.8	-18.5	20	142.8	-18.5	20
162.8	-18.5	20	182.8	-18.5	20	202.8	-18.5	20	222.8	-18.5	20	242.8	-18.5	20
262.8	-18.5	20	282.8	-18.5	20	302.8	-18.5	20	322.8	-18.5	20	342.8	-18.5	20
362.8	-18.5	20	382.8	-18.5	20	402.8	-18.5	20	422.8	-18.5	20	442.8	-18.5	20
462.8	-18.5	20	482.8	-18.5	20	502.8	-18.5	20	522.8	-18.5	20	542.8	-18.5	20
562.8	-18.5	20	582.8	-18.5	20	602.8	-18.5	20	622.8	-18.5	20	642.8	-18.5	20
662.8	-18.5	20	682.8	-18.5	20	702.8	-18.5	20	722.8	-18.5	20	742.8	-18.5	20
-737.3	18.5	20	-717.3	18.5	20	-697.3	18.5	20	-677.3	18.5	20	-657.3	18.5	20
-637.3	18.5	20	-617.3	18.5	20	-597.3	18.5	20	-577.3	18.5	20	-557.3	18.5	20
-537.3	18.5	20	-517.3	18.5	20	-497.3	18.5	20	-477.3	18.5	20	-457.3	18.5	20
-437.3	18.5	20	-417.3	18.5	20	-397.3	18.5	20	-377.3	18.5	20	-357.3	18.5	20
-337.3	18.5	20	-317.3	18.5	20	-297.3	18.5	20	-277.3	18.5	20	-257.3	18.5	20
-237.3	18.5	20	-217.3	18.5	20	-197.3	18.5	20	-177.3	18.5	20	-157.3	18.5	20
-137.3	18.5	20	-117.3	18.5	20	-97.3	18.5	20	-77.3	18.5	20	-57.3	18.5	20
-37.3	18.5	20	-17.3	18.5	20	2.8	18.5	20	22.8	18.5	20	42.8	18.5	20
62.8	18.5	20	82.8	18.5	20	102.8	18.5	20	122.8	18.5	20	142.8	18.5	20
162.8	18.5	20	182.8	18.5	20	202.8	18.5	20	222.8	18.5	20	242.8	18.5	20
262.8	18.5	20	282.8	18.5	20	302.8	18.5	20	322.8	18.5	20	342.8	18.5	20
362.8	18.5	20	382.8	18.5	20	402.8	18.5	20	422.8	18.5	20	442.8	18.5	20
462.8	18.5	20	482.8	18.5	20	502.8	18.5	20	522.8	18.5	20	542.8	18.5	20
562.8	18.5	20	582.8	18.5	20	602.8	18.5	20	622.8	18.5	20	642.8	18.5	20
662.8	18.5	20	682.8	18.5	20	702.8	18.5	20	722.8	18.5	20	742.8	18.5	20

Verifica eseguita con comportamento non dissipativo
Le condizioni sismiche sono state moltiplicate per i rispettivi fattori di struttura

fcd	fctd	Hcr	q.Hcr	hw	Lw	n.p.	hs
212	16	365	315	1350	1500	10	158

Verifica a pressoflessione

quota	Mxd	Myd	Ned	Ngrav.	NReale	c.s.	comb
107	28675050	9300445	-309490	-309490	-309490	9.2331	8 SLU
107	44176600	-20645210	-15148	-231187	-15148	5.2278	11 SLV
185	9776458	5041178	-281150	-281150	-281150	59.6593	8 SLU
185	-7579654	32523150	-405025	-209593	-405025	11.1062	6 SLV
263	-1609648	3961980	-249904	-249904	-249904	36.4039	5 SLU
263	-4984192	29764520	-354285	-182308	-354285	13.4688	6 SLV
265	-1839214	4414832	-247930	-247930	-247930	33.6418	5 SLU
265	-4480605	51063590	-262205	-180886	-262205	13.4878	2 SLV
267	-2058410	4021642	-246967	-246967	-246967	31.6409	5 SLU
267	-4516169	49887960	-261415	-180144	-261415	13.5104	2 SLV
269	-2277606	3821320	-246475	-246475	-246475	29.7629	5 SLU
269	-4550171	48874730	-261032	-179766	-261032	13.5224	2 SLV
271	-2498361	3609702	-245708	-245708	-245708	28.0820	5 SLU
271	-4586025	47862870	-260519	-179255	-260519	13.5314	2 SLV
433	-7552421	-4989389	-184450	-184450	-184450	9.3743	8 SLU
433	-11335500	-22356180	-12654	-137705	-12654	3.3228	12 SLV
594	-905309	-16589170	-127656	-127656	-127656	58.3436	8 SLU
594	-6176686	-28710170	-17244	-97584	-17244	5.9907	12 SLV
596	-781683	-26117170	-125663	-125663	-125663	34.7962	8 SLU
596	-6060042	-28394750	-16714	-96287	-16714	5.7539	12 SLV
613	288158	-27409490	-122397	-122397	-122397	47.2237	8 SLU
613	-4794915	-29308870	-11384	-94486	-11384	5.5942	12 SLV
629	1465635	-17582210	-91914	-91914	-91914	115.2776	5 SLU
629	-3902799	-32971900	4192	-76827	4192	6.2515	12 SLV
631	1479434	-17635480	-91637	-91637	-91637	115.0861	5 SLU
631	-3872917	-33000240	4685	-76614	4685	6.2792	12 SLV
679	1623318	-14681500	-81811	-81811	-81811	123.0388	5 SLU
679	-3517828	-27256960	7831	-68732	7831	6.8862	12 SLV
726	1691050	-14479350	-82491	-82491	-82491	107.8611	5 SLU
726	-3182754	-27378610	-8228	-68537	-8228	8.0958	12 SLV
728	1688856	-14487170	-82250	-82250	-82250	107.4631	5 SLU
728	-3183857	-27203100	-8333	-68353	-8333	8.1051	12 SLV
729	1688308	-14477040	-82250	-82250	-82250	107.3678	5 SLU
729	-3184411	-27167420	-8333	-68353	-8333	8.1054	12 SLV
729	1687759	-14466910	-82250	-82250	-82250	107.2726	5 SLU
729	-3184965	-27131730	-8333	-68353	-8333	8.1057	12 SLV
731	1685566	-14497340	-81947	-81947	-81947	106.8637	5 SLU
731	-3185164	-27110780	-7782	-68119	-7782	8.0840	12 SLV
951	1155235	-4220109	-73085	-73085	-73085	119.8218	5 SLU
951	-3342345	-21954840	-55592	-57611	-55592	13.6495	11 SLV
1171	393064	-1346345	-32902	-32902	-32902	275.8682	5 SLU
1171	2620382	8420629	-21074	-25390	-21074	16.1880	6 SLV
1173	412958	-945211	-33936	-33936	-33936	270.3490	7 SLU
1173	2762767	7228762	-22097	-25917	-22097	15.5806	6 SLV
1236	222536	-862465	-18970	-18970	-18970	480.0883	7 SLU
1236	1630545	3443511	-12146	-14338	-12146	26.4332	6 SLV
1299	-8712	-207539	-2007	-2007	-2007	6083.6110	6 SLU
1299	4675	-2472741	-345	-1325	-345	528.2607	4 SLV

Verifica compressione del diagonale

quota	epsilon	VEd	Vrcd	comb
107	1.00	54195	3236674	6 SLU
107	1.00	491076	3214628	4 SLV
185	1.00	52644	3231021	6 SLU
185	1.00	492307	3212114	4 SLV
263	1.00	52045	3223741	6 SLU
263	1.00	482306	3207936	4 SLV
265	1.00	52039	3223347	6 SLU
265	1.00	482179	3207662	4 SLV
267	1.00	52039	3223154	6 SLU
267	1.00	482177	3207506	4 SLV
269	1.00	52039	3223055	6 SLU
269	1.00	482176	3207431	4 SLV
271	1.00	52034	3222902	6 SLU
271	1.00	481981	3207333	4 SLV
433	1.00	61273	3211707	6 SLU
433	1.00	453117	3202268	4 SLV
594	1.00	60334	3200266	6 SLU
594	1.00	386863	3191689	4 SLV
596	1.00	60321	2353268	6 SLU
596	1.00	387728	2344819	4 SLV
613	1.00	58232	2352620	6 SLU
613	1.00	387270	2344680	4 SLV
629	1.00	-37729	2346106	8 SLU
629	1.00	-255363	2337542	15 SLV
631	1.00	-37729	2346050	8 SLU
631	1.00	-255459	2337471	15 SLV
679	1.00	-31562	2344065	8 SLU
679	1.00	-241692	2333985	15 SLV
726	1.00	-26464	2344322	8 SLU
726	1.00	-226657	2336042	15 SLV
728	1.00	-26464	2344273	8 SLU
728	1.00	-226571	2336027	15 SLV
729	1.00	-26464	2344273	8 SLU
729	1.00	-226571	2336027	15 SLV
729	1.00	-26464	2344273	8 SLU
729	1.00	-226571	2336027	15 SLV
731	1.00	-26464	2344213	8 SLU
731	1.00	-226635	2335953	15 SLV
951	1.00	-15499	3189367	8 SLU
951	1.00	-175607	3187208	13 SLV
1171	1.00	-12742	3181362	8 SLU
1171	1.00	-133156	3180727	15 SLV
1173	1.00	-12328	3181546	8 SLU
1173	1.00	-127179	3180479	15 SLV
1236	1.00	-11965	3178554	8 SLU
1236	1.00	-113714	3177513	15 SLV
1299	1.00	-11952	3175159	8 SLU
1299	1.00	-111771	3175219	15 SLV

Verifica trazione del diagonale

quota	alfaS	At	roh	rov	MEd	NEd	VEd	VRsd	comb
107	0.00	923.6	0.0085	0.0123	11372530	-309618	54195	2006449	6 SLU
107	0.00	923.6	0.0085	0.0123	92454440	-199389	491076	2006449	4 SLV
185	0.00	923.6	0.0076	0.0123	6598865	-281357	52644	1794002	6 SLU
185	0.00	923.6	0.0076	0.0123	65628400	-186821	492307	1794002	4 SLV
263	0.00	471.2	0.0063	0.0063	3510909	-244955	52045	1475330	6 SLU
263	0.00	471.2	0.0063	0.0063	43805890	-165931	482306	1475330	4 SLV
265	0.00	471.2	0.0063	0.0063	3963321	-242982	52039	1475330	6 SLU
265	0.00	471.2	0.0063	0.0063	43094330	-164561	482179	1475330	4 SLV
267	0.00	471.2	0.0063	0.0063	3569693	-242019	52039	1475330	6 SLU
267	0.00	471.2	0.0063	0.0063	41905820	-163782	482177	1475330	4 SLV
269	0.00	471.2	0.0063	0.0063	3368932	-241527	52039	1475330	6 SLU
269	0.00	471.2	0.0063	0.0063	40866620	-163406	482176	1475330	4 SLV
271	0.00	471.2	0.0063	0.0063	3156874	-240760	52034	1475330	6 SLU
271	0.00	471.2	0.0063	0.0063	39824570	-162916	481981	1475330	4 SLV
433	0.00	471.2	0.0063	0.0063	-4873916	-184783	61273	1475330	6 SLU
433	0.00	471.2	0.0063	0.0063	-2841279	-137591	453117	1475330	4 SLV
594	0.00	477.5	0.0063	0.0064	-17161420	-127580	60334	1475330	6 SLU
594	0.00	477.5	0.0063	0.0064	-42973250	-84693	386863	1475330	4 SLV
596	0.00	477.5	0.0063	0.0087	-26701150	-125587	60321	1081909	6 SLU
596	0.00	477.5	0.0063	0.0087	-49792360	-83345	387728	1081909	4 SLV
613	0.00	351.9	0.0063	0.0064	-28137830	-122350	58232	1081909	6 SLU
613	0.00	351.9	0.0063	0.0064	-56425610	-82651	387270	1081909	4 SLV
629	0.00	351.9	0.0063	0.0064	-17884980	-89778	-37729	1081909	8 SLU
629	0.00	351.9	0.0063	0.0064	6757570	-46958	-255363	1081909	15 SLV
631	0.00	351.9	0.0063	0.0064	-17924800	-89501	-37729	1081909	8 SLU
631	0.00	351.9	0.0063	0.0064	7125531	-46607	-255459	1081909	15 SLV
679	0.00	351.9	0.0063	0.0064	-14720090	-79576	-31562	1081909	8 SLU
679	0.00	351.9	0.0063	0.0064	14150680	-29174	-241692	1081909	15 SLV
726	0.00	351.9	0.0063	0.0064	-14806900	-80857	-26464	1081909	8 SLU
726	0.00	351.9	0.0063	0.0064	2981375	-39461	-226657	1081909	15 SLV
728	0.00	351.9	0.0063	0.0064	-14802330	-80617	-26464	1081909	8 SLU
728	0.00	351.9	0.0063	0.0064	3422421	-39382	-226571	1081909	15 SLV
729	0.00	351.9	0.0063	0.0064	-14789100	-80617	-26464	1081909	8 SLU
729	0.00	351.9	0.0063	0.0064	3535706	-39382	-226571	1081909	15 SLV
729	0.00	351.9	0.0063	0.0064	-14775870	-80617	-26464	1081909	8 SLU
729	0.00	351.9	0.0063	0.0064	3648992	-39382	-226571	1081909	15 SLV
731	0.00	351.9	0.0063	0.0064	-14793900	-80314	-26464	1081909	8 SLU
731	0.00	351.9	0.0063	0.0064	4019118	-39016	-226635	1081909	15 SLV
951	0.00	471.2	0.0063	0.0063	-4967820	-73085	-15499	1475330	8 SLU
951	0.00	471.2	0.0063	0.0063	-6472248	-62289	-175607	1475330	13 SLV

1171	0.00	471.2	0.0063	0.0063	-1576357	-33059	-12742	1475330 8 SLU
1171	0.00	471.2	0.0063	0.0063	-2023127	-29882	-133156	1475330 15 SLV
1173	0.00	471.2	0.0063	0.0063	-1126059	-33980	-12328	1475330 8 SLU
1173	0.00	471.2	0.0063	0.0063	-7050565	-28643	-127179	1475330 15 SLV
1236	0.00	471.2	0.0063	0.0063	-953751	-19021	-11965	1475330 8 SLU
1236	0.00	471.2	0.0063	0.0063	-4086301	-13817	-113714	1475330 15 SLV
1299	0.00	471.2	0.0050	0.0063	-146697	-2045	-11952	1180264 8 SLU
1299	0.00	471.2	0.0050	0.0063	1667107	-2343	-111771	1180264 15 SLV

Parete lato vasche A

Parete fra le coordinate in pianta (750;923) (100;923)
da quota -35 a quota 1300
Valori in daN, cm
C35/45_1: rck 450
fyk 4500

Verifica di stato limite ultimo

nod	sez	B	H	Af+	Af-	c+	c-	c.s.	comb	N	M	Nu	Mu
1264	o	85	45	22.0	22.0	6.5	6.5	1.081	1 SLV	128047	-536301	138477	-579987
	v	90	45	12.6	12.6	8.5	8.5	9.424	14 SLV	-11130	-372507	-104891	-3510506
1291	o	60	45	23.6	23.6	6.5	6.5	1.039	14 SLV	154764	-387717	160749	-402713
	v	120	45	18.8	18.8	8.5	8.5	4.589	14 SLV	28412	-79448	130391	-364606
3071	o	110	45	15.7	15.7	6.5	6.5	2.203	5 SLU	1636	1014072	3603	2233753
	v	120	45	18.8	18.8	8.5	8.5	2.336	16 SLV	7934	1024130	18536	2392728

Combinazione rara

nod	sez	B	H	Af+	Af-	c+	c-	sc	c	N	M	sf	c	N	M	Wk(mm)	Wlim	st	Sm(mm)	c
1264	o	85	45	22.0	22.0	6.5	6.5	-45.7	1 ra	-9.60E03	-1.04E06	1183.3	1 ra	-9.60E03	-1.04E06	0.00	999.00	30.4	0.0	1 ra
	v	90	45	12.6	12.6	8.5	8.5	-8.0	1 ra	-1.04E03	-1.28E05	267.7	1 ra	-1.04E03	-1.28E05	0.00	999.00	3.8	0.0	1 ra
1291	o	60	45	23.6	23.6	6.5	6.5	-13.1	1 ra	-1.59E04	-2.22E05	33.7	1 ra	-1.59E04	-2.22E05	0.00	999.00	4.1	0.0	1 ra
	v	120	45	18.8	18.8	8.5	8.5	-1.2	1 ra	1.18E03	-2.89E04	80.6	1 ra	1.18E03	-2.89E04	0.00	999.00	0.9	0.0	1 ra
3071	o	110	45	15.7	15.7	6.5	6.5	-32.5	1 ra	1.07E03	7.34E05	1382.1	1 ra	1.07E03	7.34E05	0.00	999.00	18.9	0.0	1 ra
	v	120	45	18.8	18.8	8.5	8.5	-9.2	1 ra	-1.64E03	-2.08E05	293.9	1 ra	-1.64E03	-2.08E05	0.00	999.00	4.6	0.0	1 ra

Combinazione frequente

nod	sez	B	H	Af+	Af-	c+	c-	sc	c	N	M	sf	c	N	M	Wk(mm)	Wklim	st	Sm(mm)	c
1264	o	85	45	22.0	22.0	6.5	6.5	-45.7	1 fr	-9.60E03	-1.04E06	1183.3	1 fr	-9.60E03	-1.04E06	0.00	0.20	30.4	0.0	1 fr
	v	90	45	12.6	12.6	8.5	8.5	-8.0	1 fr	-1.04E03	-1.28E05	267.7	1 fr	-1.04E03	-1.28E05	0.00	0.20	3.8	0.0	1 fr
1291	o	60	45	23.6	23.6	6.5	6.5	-13.1	1 fr	-1.59E04	-2.22E05	33.7	1 fr	-1.59E04	-2.22E05	0.00	0.20	4.1	0.0	1 fr
	v	120	45	18.8	18.8	8.5	8.5	-1.2	1 fr	1.18E03	-2.89E04	80.6	1 fr	1.18E03	-2.89E04	0.00	0.20	0.9	0.0	1 fr
3071	o	110	45	15.7	15.7	6.5	6.5	-32.5	1 fr	1.07E03	7.34E05	1382.1	1 fr	1.07E03	7.34E05	0.00	0.20	18.9	0.0	1 fr
	v	120	45	18.8	18.8	8.5	8.5	-9.2	1 fr	-1.64E03	-2.08E05	293.9	1 fr	-1.64E03	-2.08E05	0.00	0.20	4.6	0.0	1 fr

Combinazione quasi permanente

nod	sez	B	H	Af+	Af-	c+	c-	sc	c	N	M	sf	c	N	M	Wk(mm)	Wklim	st	Sm(mm)	c
1264	o	85	45	22.0	22.0	6.5	6.5	-43.1	4 q.	-1.22E04	-9.68E05	1061.4	3 q.	-9.91E03	-9.50E05	0.00	0.20	27.6	0.0	1 q.
	v	90	45	12.6	12.6	8.5	8.5	-8.0	2 q.	-1.39E03	-1.29E05	258.7	4 q.	-1.23E03	-1.27E05	0.00	0.20	3.8	0.0	1 q.
1291	o	60	45	23.6	23.6	6.5	6.5	-12.6	3 q.	-1.62E04	-2.09E05	23.2	4 q.	-1.54E04	-2.04E05	0.00	0.20	3.5	0.0	1 q.
	v	120	45	18.8	18.8	8.5	8.5	-1.2	3 q.	6.95E02	-2.71E04	66.1	4 q.	8.13E02	-2.64E04	0.00	0.20	0.8	0.0	1 q.
3071	o	110	45	15.7	15.7	6.5	6.5	-28.8	4 q.	4.10E02	6.49E05	1204.7	4 q.	4.10E02	6.49E05	0.00	0.20	16.6	0.0	1 q.
	v	120	45	18.8	18.8	8.5	8.5	-7.4	4 q.	-1.19E03	-1.67E05	240.4	4 q.	-1.19E03	-1.67E05	0.00	0.20	3.7	0.0	1 q.

Verifica dei pannelli

Pannello : Pannello da Filo 112 a Filo 69

Sezione a quota -4
Coordinate dei vertici

X	Y
-750.0	-22.5
-750.0	22.5
-100.0	22.5
-100.0	-22.5

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-730.0	-16.0	20	-710.0	-16.0	20	-690.0	-16.0	20	-670.0	-16.0	20	-650.0	-16.0	20
-630.0	-16.0	20	-610.0	-16.0	20	-590.0	-16.0	20	-570.0	-16.0	20	-550.0	-16.0	20
-530.0	-16.0	20	-510.0	-16.0	20	-490.0	-16.0	20	-470.0	-16.0	20	-450.0	-16.0	20
-430.0	-16.0	20	-410.0	-16.0	20	-390.0	-16.0	20	-370.0	-16.0	20	-350.0	-16.0	20
-330.0	-16.0	20	-310.0	-16.0	20	-290.0	-16.0	20	-270.0	-16.0	20	-250.0	-16.0	20
-230.0	-16.0	20	-210.0	-16.0	20	-190.0	-16.0	20	-170.0	-16.0	20	-150.0	-16.0	20
-130.0	-16.0	20	-110.0	-16.0	20	-730.0	16.0	20	-710.0	16.0	20	-690.0	16.0	20
-670.0	16.0	20	-650.0	16.0	20	-630.0	16.0	20	-610.0	16.0	20	-590.0	16.0	20
-570.0	16.0	20	-550.0	16.0	20	-530.0	16.0	20	-510.0	16.0	20	-490.0	16.0	20
-470.0	16.0	20	-450.0	16.0	20	-430.0	16.0	20	-410.0	16.0	20	-390.0	16.0	20
-370.0	16.0	20	-350.0	16.0	20	-330.0	16.0	20	-310.0	16.0	20	-290.0	16.0	20
-270.0	16.0	20	-250.0	16.0	20	-230.0	16.0	20	-210.0	16.0	20	-190.0	16.0	20
-170.0	16.0	20	-150.0	16.0	20	-130.0	16.0	20	-110.0	16.0	20	-100.0	-16.0	20
-100.0	16.0	20	-122.1	-16.0	20	-122.1	16.0	20	-148.7	-16.0	20	-148.7	16.0	20
-713.4	-16.0	20	-713.4	16.0	20	-681.9	-16.0	20	-681.9	16.0	20	-175.2	-16.0	20
-175.2	16.0	20	-112.5	-16.0	20	-112.5	16.0	20	-106.6	-16.0	20	-106.6	16.0	20
-722.5	-16.0	20	-722.5	16.0	20									

Sezione a quota 51
Coordinate dei vertici

X	Y
-750.0	-22.5
-750.0	22.5
-100.0	22.5
-100.0	-22.5

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-730.0	-16.0	20	-710.0	-16.0	20	-690.0	-16.0	20	-670.0	-16.0	20	-650.0	-16.0	20
-630.0	-16.0	20	-610.0	-16.0	20	-590.0	-16.0	20	-570.0	-16.0	20	-550.0	-16.0	20
-530.0	-16.0	20	-510.0	-16.0	20	-490.0	-16.0	20	-470.0	-16.0	20	-450.0	-16.0	20
-430.0	-16.0	20	-410.0	-16.0	20	-390.0	-16.0	20	-370.0	-16.0	20	-350.0	-16.0	20
-330.0	-16.0	20	-310.0	-16.0	20	-290.0	-16.0	20	-270.0	-16.0	20	-250.0	-16.0	20
-230.0	-16.0	20	-210.0	-16.0	20	-190.0	-16.0	20	-170.0	-16.0	20	-150.0	-16.0	20
-130.0	-16.0	20	-110.0	-16.0	20	-730.0	16.0	20	-710.0	16.0	20	-690.0	16.0	20
-670.0	16.0	20	-650.0	16.0	20	-630.0	16.0	20	-610.0	16.0	20	-590.0	16.0	20
-570.0	16.0	20	-550.0	16.0	20	-530.0	16.0	20	-510.0	16.0	20	-490.0	16.0	20
-470.0	16.0	20	-450.0	16.0	20	-430.0	16.0	20	-410.0	16.0	20	-390.0	16.0	20
-370.0	16.0	20	-350.0	16.0	20	-330.0	16.0	20	-310.0	16.0	20	-290.0	16.0	20
-270.0	16.0	20	-250.0	16.0	20	-230.0	16.0	20	-210.0	16.0	20	-190.0	16.0	20
-170.0	16.0	20	-150.0	16.0	20	-130.0	16.0	20	-110.0	16.0	20	-100.0	-16.0	20
-100.0	16.0	20	-122.1	-16.0	20	-122.1	16.0	20	-148.7	-16.0	20	-148.7	16.0	20
-713.4	-16.0	20	-713.4	16.0	20	-681.9	-16.0	20	-681.9	16.0	20	-175.2	-16.0	20
-175.2	16.0	20	-112.5	-16.0	20	-112.5	16.0	20	-106.6	-16.0	20	-106.6	16.0	20
-722.5	-16.0	20	-722.5	16.0	20									

Sezione a quota 105

Coordinate dei vertici

X	Y
-750.0	-22.5
-750.0	22.5
-100.0	22.5
-100.0	-22.5

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-730.0	-16.0	20	-710.0	-16.0	20	-690.0	-16.0	20	-670.0	-16.0	20	-650.0	-16.0	20
-630.0	-16.0	20	-610.0	-16.0	20	-590.0	-16.0	20	-570.0	-16.0	20	-550.0	-16.0	20
-530.0	-16.0	20	-510.0	-16.0	20	-490.0	-16.0	20	-470.0	-16.0	20	-450.0	-16.0	20
-430.0	-16.0	20	-410.0	-16.0	20	-390.0	-16.0	20	-370.0	-16.0	20	-350.0	-16.0	20
-330.0	-16.0	20	-310.0	-16.0	20	-290.0	-16.0	20	-270.0	-16.0	20	-250.0	-16.0	20
-230.0	-16.0	20	-210.0	-16.0	20	-190.0	-16.0	20	-170.0	-16.0	20	-150.0	-16.0	20
-130.0	-16.0	20	-110.0	-16.0	20	-730.0	16.0	20	-710.0	16.0	20	-690.0	16.0	20
-670.0	16.0	20	-650.0	16.0	20	-630.0	16.0	20	-610.0	16.0	20	-590.0	16.0	20
-570.0	16.0	20	-550.0	16.0	20	-530.0	16.0	20	-510.0	16.0	20	-490.0	16.0	20
-470.0	16.0	20	-450.0	16.0	20	-430.0	16.0	20	-410.0	16.0	20	-390.0	16.0	20
-370.0	16.0	20	-350.0	16.0	20	-330.0	16.0	20	-310.0	16.0	20	-290.0	16.0	20
-270.0	16.0	20	-250.0	16.0	20	-230.0	16.0	20	-210.0	16.0	20	-190.0	16.0	20
-170.0	16.0	20	-150.0	16.0	20	-130.0	16.0	20	-110.0	16.0	20	-100.0	-16.0	20
-100.0	16.0	20	-122.1	-16.0	20	-122.1	16.0	20	-148.7	-16.0	20	-148.7	16.0	20
-713.4	-16.0	20	-713.4	16.0	20	-681.9	-16.0	20	-681.9	16.0	20	-175.2	-16.0	20
-175.2	16.0	20	-112.5	-16.0	20	-112.5	16.0	20	-106.6	-16.0	20	-106.6	16.0	20
-722.5	-16.0	20	-722.5	16.0	20									

Sezione a quota 107

Coordinate dei vertici

X	Y
-750.0	-22.5
-750.0	22.5
-100.0	22.5
-100.0	-22.5

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-730.0	-16.0	20	-710.0	-16.0	20	-690.0	-16.0	20	-670.0	-16.0	20	-650.0	-16.0	20
-630.0	-16.0	20	-610.0	-16.0	20	-590.0	-16.0	20	-570.0	-16.0	20	-550.0	-16.0	20
-530.0	-16.0	20	-510.0	-16.0	20	-490.0	-16.0	20	-470.0	-16.0	20	-450.0	-16.0	20
-430.0	-16.0	20	-410.0	-16.0	20	-390.0	-16.0	20	-370.0	-16.0	20	-350.0	-16.0	20
-330.0	-16.0	20	-310.0	-16.0	20	-290.0	-16.0	20	-270.0	-16.0	20	-250.0	-16.0	20
-230.0	-16.0	20	-210.0	-16.0	20	-190.0	-16.0	20	-170.0	-16.0	20	-150.0	-16.0	20
-130.0	-16.0	20	-110.0	-16.0	20	-730.0	16.0	20	-710.0	16.0	20	-690.0	16.0	20
-670.0	16.0	20	-650.0	16.0	20	-630.0	16.0	20	-610.0	16.0	20	-590.0	16.0	20
-570.0	16.0	20	-550.0	16.0	20	-530.0	16.0	20	-510.0	16.0	20	-490.0	16.0	20
-470.0	16.0	20	-450.0	16.0	20	-430.0	16.0	20	-410.0	16.0	20	-390.0	16.0	20
-370.0	16.0	20	-350.0	16.0	20	-330.0	16.0	20	-310.0	16.0	20	-290.0	16.0	20
-270.0	16.0	20	-250.0	16.0	20	-230.0	16.0	20	-210.0	16.0	20	-190.0	16.0	20
-170.0	16.0	20	-150.0	16.0	20	-130.0	16.0	20	-110.0	16.0	20	-100.0	-16.0	20
-100.0	16.0	20	-122.1	-16.0	20	-122.1	16.0	20	-148.7	-16.0	20	-148.7	16.0	20
-713.4	-16.0	20	-713.4	16.0	20	-681.9	-16.0	20	-681.9	16.0	20	-175.2	-16.0	20
-175.2	16.0	20	-112.5	-16.0	20	-112.5	16.0	20	-106.6	-16.0	20	-106.6	16.0	20
-722.5	-16.0	20	-722.5	16.0	20									

Sezione a quota 185

Coordinate dei vertici

X	Y
-750.0	-22.5
-750.0	22.5
-100.0	22.5
-100.0	-22.5

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-730.0	-16.0	20	-710.0	-16.0	20	-690.0	-16.0	20	-670.0	-16.0	20	-650.0	-16.0	20
-630.0	-16.0	20	-610.0	-16.0	20	-590.0	-16.0	20	-570.0	-16.0	20	-550.0	-16.0	20
-530.0	-16.0	20	-510.0	-16.0	20	-490.0	-16.0	20	-470.0	-16.0	20	-450.0	-16.0	20
-430.0	-16.0	20	-410.0	-16.0	20	-390.0	-16.0	20	-370.0	-16.0	20	-350.0	-16.0	20
-330.0	-16.0	20	-310.0	-16.0	20	-290.0	-16.0	20	-270.0	-16.0	20	-250.0	-16.0	20
-230.0	-16.0	20	-210.0	-16.0	20	-190.0	-16.0	20	-170.0	-16.0	20	-150.0	-16.0	20
-130.0	-16.0	20	-110.0	-16.0	20	-730.0	16.0	20	-710.0	16.0	20	-690.0	16.0	20
-670.0	16.0	20	-650.0	16.0	20	-630.0	16.0	20	-610.0	16.0	20	-590.0	16.0	20

-570.0	16.0	20	-550.0	16.0	20	-530.0	16.0	20	-510.0	16.0	20	-490.0	16.0	20
-470.0	16.0	20	-450.0	16.0	20	-430.0	16.0	20	-410.0	16.0	20	-390.0	16.0	20
-370.0	16.0	20	-350.0	16.0	20	-330.0	16.0	20	-310.0	16.0	20	-290.0	16.0	20
-270.0	16.0	20	-250.0	16.0	20	-230.0	16.0	20	-210.0	16.0	20	-190.0	16.0	20
-170.0	16.0	20	-150.0	16.0	20	-130.0	16.0	20	-110.0	16.0	20	-100.0	-16.0	20
-100.0	16.0	20	-122.1	-16.0	20	-122.1	16.0	20	-148.7	-16.0	20	-148.7	16.0	20
-713.4	-16.0	20	-713.4	16.0	20	-681.9	-16.0	20	-681.9	16.0	20	-175.2	-16.0	20
-175.2	16.0	20	-112.5	-16.0	20	-112.5	16.0	20	-106.6	-16.0	20	-106.6	16.0	20
-722.5	-16.0	20	-722.5	16.0	20									

Sezione a quota 263

Coordinate dei vertici

X	Y
-750.0	-22.5
-750.0	22.5
-100.0	22.5
-100.0	-22.5

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-730.0	-16.0	20	-710.0	-16.0	20	-690.0	-16.0	20	-670.0	-16.0	20	-650.0	-16.0	20
-630.0	-16.0	20	-610.0	-16.0	20	-590.0	-16.0	20	-570.0	-16.0	20	-550.0	-16.0	20
-530.0	-16.0	20	-510.0	-16.0	20	-490.0	-16.0	20	-470.0	-16.0	20	-450.0	-16.0	20
-430.0	-16.0	20	-410.0	-16.0	20	-390.0	-16.0	20	-370.0	-16.0	20	-350.0	-16.0	20
-330.0	-16.0	20	-310.0	-16.0	20	-290.0	-16.0	20	-270.0	-16.0	20	-250.0	-16.0	20
-230.0	-16.0	20	-210.0	-16.0	20	-190.0	-16.0	20	-170.0	-16.0	20	-150.0	-16.0	20
-130.0	-16.0	20	-110.0	-16.0	20	-730.0	16.0	20	-710.0	16.0	20	-690.0	16.0	20
-670.0	16.0	20	-650.0	16.0	20	-630.0	16.0	20	-610.0	16.0	20	-590.0	16.0	20
-570.0	16.0	20	-550.0	16.0	20	-530.0	16.0	20	-510.0	16.0	20	-490.0	16.0	20
-470.0	16.0	20	-450.0	16.0	20	-430.0	16.0	20	-410.0	16.0	20	-390.0	16.0	20
-370.0	16.0	20	-350.0	16.0	20	-330.0	16.0	20	-310.0	16.0	20	-290.0	16.0	20
-270.0	16.0	20	-250.0	16.0	20	-230.0	16.0	20	-210.0	16.0	20	-190.0	16.0	20
-170.0	16.0	20	-150.0	16.0	20	-130.0	16.0	20	-110.0	16.0	20	-100.0	-16.0	20
-100.0	16.0	20	-122.1	-16.0	20	-122.1	16.0	20	-148.7	-16.0	20	-148.7	16.0	20
-713.4	-16.0	20	-713.4	16.0	20	-681.9	-16.0	20	-681.9	16.0	20	-175.2	-16.0	20
-175.2	16.0	20	-112.5	-16.0	20	-112.5	16.0	20	-106.6	-16.0	20	-106.6	16.0	20
-722.5	-16.0	20	-722.5	16.0	20									

Sezione a quota 265

Coordinate dei vertici

X	Y
-750.0	-22.5
-750.0	22.5
-100.0	22.5
-100.0	-22.5

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-730.0	-16.0	20	-710.0	-16.0	20	-690.0	-16.0	20	-670.0	-16.0	20	-650.0	-16.0	20
-630.0	-16.0	20	-610.0	-16.0	20	-590.0	-16.0	20	-570.0	-16.0	20	-550.0	-16.0	20
-530.0	-16.0	20	-510.0	-16.0	20	-490.0	-16.0	20	-470.0	-16.0	20	-450.0	-16.0	20
-430.0	-16.0	20	-410.0	-16.0	20	-390.0	-16.0	20	-370.0	-16.0	20	-350.0	-16.0	20
-330.0	-16.0	20	-310.0	-16.0	20	-290.0	-16.0	20	-270.0	-16.0	20	-250.0	-16.0	20
-230.0	-16.0	20	-210.0	-16.0	20	-190.0	-16.0	20	-170.0	-16.0	20	-150.0	-16.0	20
-130.0	-16.0	20	-110.0	-16.0	20	-730.0	16.0	20	-710.0	16.0	20	-690.0	16.0	20
-670.0	16.0	20	-650.0	16.0	20	-630.0	16.0	20	-610.0	16.0	20	-590.0	16.0	20
-570.0	16.0	20	-550.0	16.0	20	-530.0	16.0	20	-510.0	16.0	20	-490.0	16.0	20
-470.0	16.0	20	-450.0	16.0	20	-430.0	16.0	20	-410.0	16.0	20	-390.0	16.0	20
-370.0	16.0	20	-350.0	16.0	20	-330.0	16.0	20	-310.0	16.0	20	-290.0	16.0	20
-270.0	16.0	20	-250.0	16.0	20	-230.0	16.0	20	-210.0	16.0	20	-190.0	16.0	20
-170.0	16.0	20	-150.0	16.0	20	-130.0	16.0	20	-110.0	16.0	20	-100.0	-16.0	20
-100.0	16.0	20	-122.1	-16.0	20	-122.1	16.0	20	-148.7	-16.0	20	-148.7	16.0	20
-713.4	-16.0	20	-713.4	16.0	20	-681.9	-16.0	20	-681.9	16.0	20	-175.2	-16.0	20
-175.2	16.0	20	-112.5	-16.0	20	-112.5	16.0	20	-106.6	-16.0	20	-106.6	16.0	20
-722.5	-16.0	20	-722.5	16.0	20									

Sezione a quota 267

Coordinate dei vertici

X	Y
-750.0	-22.5
-750.0	22.5
-100.0	22.5
-100.0	-22.5

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-730.0	-16.0	20	-710.0	-16.0	20	-690.0	-16.0	20	-670.0	-16.0	20	-650.0	-16.0	20
-630.0	-16.0	20	-610.0	-16.0	20	-590.0	-16.0	20	-570.0	-16.0	20	-550.0	-16.0	20
-530.0	-16.0	20	-510.0	-16.0	20	-490.0	-16.0	20	-470.0	-16.0	20	-450.0	-16.0	20
-430.0	-16.0	20	-410.0	-16.0	20	-390.0	-16.0	20	-370.0	-16.0	20	-350.0	-16.0	20
-330.0	-16.0	20	-310.0	-16.0	20	-290.0	-16.0	20	-270.0	-16.0	20	-250.0	-16.0	20
-230.0	-16.0	20	-210.0	-16.0	20	-190.0	-16.0	20	-170.0	-16.0	20	-150.0	-16.0	20
-130.0	-16.0	20	-110.0	-16.0	20	-730.0	16.0	20	-710.0	16.0	20	-690.0	16.0	20
-670.0	16.0	20	-650.0	16.0	20	-630.0	16.0	20	-610.0	16.0	20	-590.0	16.0	20
-570.0	16.0	20	-550.0	16.0	20	-530.0	16.0	20	-510.0	16.0	20	-490.0	16.0	20
-470.0	16.0	20	-450.0	16.0	20	-430.0	16.0	20	-410.0	16.0	20	-390.0	16.0	20
-370.0	16.0	20	-350.0	16.0	20	-330.0	16.0	20	-310.0	16.0	20	-290.0	16.0	20
-270.0	16.0	20	-250.0	16.0	20	-230.0	16.0	20	-210.0	16.0	20	-190.0	16.0	20
-170.0	16.0	20	-150.0	16.0	20	-130.0	16.0	20	-110.0	16.0	20	-100.0	-16.0	20
-100.0	16.0	20	-122.1	-16.0	20	-122.1	16.0	20	-148.7	-16.0	20	-148.7	16.0	20
-713.4	-16.0	20	-713.4	16.0	20	-681.9	-16.0	20	-681.9	16.0	20	-175.2	-16.0	20
-175.2	16.0	20	-112.5	-16.0	20	-112.5	16.0	20	-106.6	-16.0	20	-106.6	16.0	20
-722.5	-16.0	20	-722.5	16.0	20									

Sezione a quota 269
Coordinate dei vertici

X	Y
-750.0	-22.5
-750.0	22.5
-100.0	22.5
-100.0	-22.5

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-730.0	-16.0	20	-710.0	-16.0	20	-690.0	-16.0	20	-670.0	-16.0	20	-650.0	-16.0	20
-630.0	-16.0	20	-610.0	-16.0	20	-590.0	-16.0	20	-570.0	-16.0	20	-550.0	-16.0	20
-530.0	-16.0	20	-510.0	-16.0	20	-490.0	-16.0	20	-470.0	-16.0	20	-450.0	-16.0	20
-430.0	-16.0	20	-410.0	-16.0	20	-390.0	-16.0	20	-370.0	-16.0	20	-350.0	-16.0	20
-330.0	-16.0	20	-310.0	-16.0	20	-290.0	-16.0	20	-270.0	-16.0	20	-250.0	-16.0	20
-230.0	-16.0	20	-210.0	-16.0	20	-190.0	-16.0	20	-170.0	-16.0	20	-150.0	-16.0	20
-130.0	-16.0	20	-110.0	-16.0	20	-730.0	16.0	20	-710.0	16.0	20	-690.0	16.0	20
-670.0	16.0	20	-650.0	16.0	20	-630.0	16.0	20	-610.0	16.0	20	-590.0	16.0	20
-570.0	16.0	20	-550.0	16.0	20	-530.0	16.0	20	-510.0	16.0	20	-490.0	16.0	20
-470.0	16.0	20	-450.0	16.0	20	-430.0	16.0	20	-410.0	16.0	20	-390.0	16.0	20
-370.0	16.0	20	-350.0	16.0	20	-330.0	16.0	20	-310.0	16.0	20	-290.0	16.0	20
-270.0	16.0	20	-250.0	16.0	20	-230.0	16.0	20	-210.0	16.0	20	-190.0	16.0	20
-170.0	16.0	20	-150.0	16.0	20	-130.0	16.0	20	-110.0	16.0	20	-100.0	-16.0	20
-100.0	16.0	20	-122.1	-16.0	20	-122.1	16.0	20	-148.7	-16.0	20	-148.7	16.0	20
-713.4	-16.0	20	-713.4	16.0	20	-681.9	-16.0	20	-681.9	16.0	20	-175.2	-16.0	20
-175.2	16.0	20	-112.5	-16.0	20	-112.5	16.0	20	-106.6	-16.0	20	-106.6	16.0	20
-722.5	-16.0	20	-722.5	16.0	20									

Sezione a quota 271
Coordinate dei vertici

X	Y
-750.0	22.5
-750.0	257.3
-700.0	257.3
-700.0	22.5
-100.0	22.5
-100.0	-22.5
-750.0	-22.5

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-730.0	-16.0	20	-710.0	-16.0	20	-690.0	-16.0	20	-670.0	-16.0	20	-650.0	-16.0	20
-630.0	-16.0	20	-610.0	-16.0	20	-590.0	-16.0	20	-570.0	-16.0	20	-550.0	-16.0	20
-530.0	-16.0	20	-510.0	-16.0	20	-490.0	-16.0	20	-470.0	-16.0	20	-450.0	-16.0	20
-430.0	-16.0	20	-410.0	-16.0	20	-390.0	-16.0	20	-370.0	-16.0	20	-350.0	-16.0	20
-330.0	-16.0	20	-310.0	-16.0	20	-290.0	-16.0	20	-270.0	-16.0	20	-250.0	-16.0	20
-230.0	-16.0	20	-210.0	-16.0	20	-190.0	-16.0	20	-170.0	-16.0	20	-150.0	-16.0	20
-130.0	-16.0	20	-110.0	-16.0	20	-730.0	16.0	20	-710.0	16.0	20	-690.0	16.0	20
-670.0	16.0	20	-650.0	16.0	20	-630.0	16.0	20	-610.0	16.0	20	-590.0	16.0	20
-570.0	16.0	20	-550.0	16.0	20	-530.0	16.0	20	-510.0	16.0	20	-490.0	16.0	20
-470.0	16.0	20	-450.0	16.0	20	-430.0	16.0	20	-410.0	16.0	20	-390.0	16.0	20
-370.0	16.0	20	-350.0	16.0	20	-330.0	16.0	20	-310.0	16.0	20	-290.0	16.0	20
-270.0	16.0	20	-250.0	16.0	20	-230.0	16.0	20	-210.0	16.0	20	-190.0	16.0	20
-170.0	16.0	20	-150.0	16.0	20	-130.0	16.0	20	-110.0	16.0	20	-100.0	-16.0	20
-100.0	16.0	20	-122.1	-16.0	20	-122.1	16.0	20	-148.7	-16.0	20	-148.7	16.0	20
-713.4	-16.0	20	-713.4	16.0	20	-681.9	-16.0	20	-681.9	16.0	20	-175.2	-16.0	20
-175.2	16.0	20	-112.5	-16.0	20	-112.5	16.0	20	-106.6	-16.0	20	-106.6	16.0	20
-722.5	-16.0	20	-722.5	16.0	20									

Sezione a quota 433
Coordinate dei vertici

X	Y
-750.0	22.5
-750.0	216.9
-700.0	216.9
-700.0	22.5
-100.0	22.5
-100.0	-22.5
-750.0	-22.5

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-730.0	-16.0	20	-710.0	-16.0	20	-690.0	-16.0	20	-670.0	-16.0	20	-650.0	-16.0	20
-630.0	-16.0	20	-610.0	-16.0	20	-590.0	-16.0	20	-570.0	-16.0	20	-550.0	-16.0	20
-530.0	-16.0	20	-510.0	-16.0	20	-490.0	-16.0	20	-470.0	-16.0	20	-450.0	-16.0	20
-430.0	-16.0	20	-410.0	-16.0	20	-390.0	-16.0	20	-370.0	-16.0	20	-350.0	-16.0	20
-330.0	-16.0	20	-310.0	-16.0	20	-290.0	-16.0	20	-270.0	-16.0	20	-250.0	-16.0	20
-230.0	-16.0	20	-210.0	-16.0	20	-190.0	-16.0	20	-170.0	-16.0	20	-150.0	-16.0	20
-130.0	-16.0	20	-110.0	-16.0	20	-730.0	16.0	20	-710.0	16.0	20	-690.0	16.0	20
-670.0	16.0	20	-650.0	16.0	20	-630.0	16.0	20	-610.0	16.0	20	-590.0	16.0	20
-570.0	16.0	20	-550.0	16.0	20	-530.0	16.0	20	-510.0	16.0	20	-490.0	16.0	20
-470.0	16.0	20	-450.0	16.0	20	-430.0	16.0	20	-410.0	16.0	20	-390.0	16.0	20
-370.0	16.0	20	-350.0	16.0	20	-330.0	16.0	20	-310.0	16.0	20	-290.0	16.0	20
-270.0	16.0	20	-250.0	16.0	20	-230.0	16.0	20	-210.0	16.0	20	-190.0	16.0	20
-170.0	16.0	20	-150.0	16.0	20	-130.0	16.0	20	-110.0	16.0	20			

Sezione a quota 594
Coordinate dei vertici

X	Y
-750.0	22.5
-750.0	176.5
-700.0	176.5
-700.0	22.5
-100.0	22.5

-100.0	-22.5
-750.0	-22.5

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-730.0	-16.0	20	-710.0	-16.0	20	-690.0	-16.0	20	-670.0	-16.0	20	-650.0	-16.0	20
-630.0	-16.0	20	-610.0	-16.0	20	-590.0	-16.0	20	-570.0	-16.0	20	-550.0	-16.0	20
-530.0	-16.0	20	-510.0	-16.0	20	-490.0	-16.0	20	-470.0	-16.0	20	-450.0	-16.0	20
-430.0	-16.0	20	-410.0	-16.0	20	-390.0	-16.0	20	-370.0	-16.0	20	-350.0	-16.0	20
-330.0	-16.0	20	-310.0	-16.0	20	-290.0	-16.0	20	-270.0	-16.0	20	-250.0	-16.0	20
-230.0	-16.0	20	-210.0	-16.0	20	-190.0	-16.0	20	-170.0	-16.0	20	-150.0	-16.0	20
-130.0	-16.0	20	-110.0	-16.0	20	-730.0	16.0	20	-710.0	16.0	20	-690.0	16.0	20
-670.0	16.0	20	-650.0	16.0	20	-630.0	16.0	20	-610.0	16.0	20	-590.0	16.0	20
-570.0	16.0	20	-550.0	16.0	20	-530.0	16.0	20	-510.0	16.0	20	-490.0	16.0	20
-470.0	16.0	20	-450.0	16.0	20	-430.0	16.0	20	-410.0	16.0	20	-390.0	16.0	20
-370.0	16.0	20	-350.0	16.0	20	-330.0	16.0	20	-310.0	16.0	20	-290.0	16.0	20
-270.0	16.0	20	-250.0	16.0	20	-230.0	16.0	20	-210.0	16.0	20	-190.0	16.0	20
-170.0	16.0	20	-150.0	16.0	20	-130.0	16.0	20	-110.0	16.0	20			

Sezione a quota 596

Coordinate dei vertici

X	Y
-750.0	22.5
-750.0	176.0
-700.0	176.0
-700.0	22.5
-100.0	22.5
-100.0	-22.5
-750.0	-22.5

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-730.0	-16.0	20	-710.0	-16.0	20	-690.0	-16.0	20	-670.0	-16.0	20	-650.0	-16.0	20
-630.0	-16.0	20	-610.0	-16.0	20	-590.0	-16.0	20	-570.0	-16.0	20	-550.0	-16.0	20
-530.0	-16.0	20	-510.0	-16.0	20	-490.0	-16.0	20	-470.0	-16.0	20	-450.0	-16.0	20
-430.0	-16.0	20	-410.0	-16.0	20	-390.0	-16.0	20	-370.0	-16.0	20	-350.0	-16.0	20
-330.0	-16.0	20	-310.0	-16.0	20	-290.0	-16.0	20	-270.0	-16.0	20	-250.0	-16.0	20
-230.0	-16.0	20	-210.0	-16.0	20	-190.0	-16.0	20	-170.0	-16.0	20	-150.0	-16.0	20
-130.0	-16.0	20	-110.0	-16.0	20	-730.0	16.0	20	-710.0	16.0	20	-690.0	16.0	20
-670.0	16.0	20	-650.0	16.0	20	-630.0	16.0	20	-610.0	16.0	20	-590.0	16.0	20
-570.0	16.0	20	-550.0	16.0	20	-530.0	16.0	20	-510.0	16.0	20	-490.0	16.0	20
-470.0	16.0	20	-450.0	16.0	20	-430.0	16.0	20	-410.0	16.0	20	-390.0	16.0	20
-370.0	16.0	20	-350.0	16.0	20	-330.0	16.0	20	-310.0	16.0	20	-290.0	16.0	20
-270.0	16.0	20	-250.0	16.0	20	-230.0	16.0	20	-210.0	16.0	20	-190.0	16.0	20
-170.0	16.0	20	-150.0	16.0	20	-130.0	16.0	20	-110.0	16.0	20			

Sezione a quota 613

Coordinate dei vertici

X	Y
-750.0	22.5
-750.0	171.9
-700.0	171.9
-700.0	22.5
-100.0	22.5
-100.0	-22.5
-750.0	-22.5

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-730.0	-16.0	20	-710.0	-16.0	20	-690.0	-16.0	20	-670.0	-16.0	20	-650.0	-16.0	20
-630.0	-16.0	20	-610.0	-16.0	20	-590.0	-16.0	20	-570.0	-16.0	20	-550.0	-16.0	20
-530.0	-16.0	20	-510.0	-16.0	20	-490.0	-16.0	20	-470.0	-16.0	20	-450.0	-16.0	20
-430.0	-16.0	20	-410.0	-16.0	20	-390.0	-16.0	20	-370.0	-16.0	20	-350.0	-16.0	20
-330.0	-16.0	20	-310.0	-16.0	20	-290.0	-16.0	20	-270.0	-16.0	20	-250.0	-16.0	20
-230.0	-16.0	20	-210.0	-16.0	20	-190.0	-16.0	20	-170.0	-16.0	20	-150.0	-16.0	20
-130.0	-16.0	20	-110.0	-16.0	20	-730.0	16.0	20	-710.0	16.0	20	-690.0	16.0	20
-670.0	16.0	20	-650.0	16.0	20	-630.0	16.0	20	-610.0	16.0	20	-590.0	16.0	20
-570.0	16.0	20	-550.0	16.0	20	-530.0	16.0	20	-510.0	16.0	20	-490.0	16.0	20
-470.0	16.0	20	-450.0	16.0	20	-430.0	16.0	20	-410.0	16.0	20	-390.0	16.0	20
-370.0	16.0	20	-350.0	16.0	20	-330.0	16.0	20	-310.0	16.0	20	-290.0	16.0	20
-270.0	16.0	20	-250.0	16.0	20	-230.0	16.0	20	-210.0	16.0	20	-190.0	16.0	20
-170.0	16.0	20	-150.0	16.0	20	-130.0	16.0	20	-110.0	16.0	20			

Sezione a quota 629

Coordinate dei vertici

X	Y
-750.0	22.5
-750.0	167.8
-700.0	167.8
-700.0	22.5
-100.0	22.5
-100.0	-22.5
-750.0	-22.5

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-730.0	-16.0	20	-710.0	-16.0	20	-690.0	-16.0	20	-670.0	-16.0	20	-650.0	-16.0	20
-630.0	-16.0	20	-610.0	-16.0	20	-590.0	-16.0	20	-570.0	-16.0	20	-550.0	-16.0	20
-530.0	-16.0	20	-510.0	-16.0	20	-490.0	-16.0	20	-470.0	-16.0	20	-450.0	-16.0	20
-430.0	-16.0	20	-410.0	-16.0	20	-390.0	-16.0	20	-370.0	-16.0	20	-350.0	-16.0	20
-330.0	-16.0	20	-310.0	-16.0	20	-290.0	-16.0	20	-270.0	-16.0	20	-250.0	-16.0	20
-230.0	-16.0	20	-210.0	-16.0	20	-190.0	-16.0	20	-170.0	-16.0	20	-150.0	-16.0	20
-130.0	-16.0	20	-110.0	-16.0	20	-730.0	16.0	20	-710.0	16.0	20	-690.0	16.0	20
-670.0	16.0	20	-650.0	16.0	20	-630.0	16.0	20	-610.0	16.0	20	-590.0	16.0	20

-570.0	16.0	20	-550.0	16.0	20	-530.0	16.0	20	-510.0	16.0	20	-490.0	16.0	20
-470.0	16.0	20	-450.0	16.0	20	-430.0	16.0	20	-410.0	16.0	20	-390.0	16.0	20
-370.0	16.0	20	-350.0	16.0	20	-330.0	16.0	20	-310.0	16.0	20	-290.0	16.0	20
-270.0	16.0	20	-250.0	16.0	20	-230.0	16.0	20	-210.0	16.0	20	-190.0	16.0	20
-170.0	16.0	20	-150.0	16.0	20	-130.0	16.0	20	-110.0	16.0	20			

Sezione a quota 631
Coordinate dei vertici

X	Y
-750.0	22.5
-750.0	167.3
-700.0	167.3
-700.0	22.5
-100.0	22.5
-100.0	-22.5
-750.0	-22.5

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-730.0	-16.0	20	-710.0	-16.0	20	-690.0	-16.0	20	-670.0	-16.0	20	-650.0	-16.0	20
-630.0	-16.0	20	-610.0	-16.0	20	-590.0	-16.0	20	-570.0	-16.0	20	-550.0	-16.0	20
-530.0	-16.0	20	-510.0	-16.0	20	-490.0	-16.0	20	-470.0	-16.0	20	-450.0	-16.0	20
-430.0	-16.0	20	-410.0	-16.0	20	-390.0	-16.0	20	-370.0	-16.0	20	-350.0	-16.0	20
-330.0	-16.0	20	-310.0	-16.0	20	-290.0	-16.0	20	-270.0	-16.0	20	-250.0	-16.0	20
-230.0	-16.0	20	-210.0	-16.0	20	-190.0	-16.0	20	-170.0	-16.0	20	-150.0	-16.0	20
-130.0	-16.0	20	-110.0	-16.0	20	-730.0	16.0	20	-710.0	16.0	20	-690.0	16.0	20
-670.0	16.0	20	-650.0	16.0	20	-630.0	16.0	20	-610.0	16.0	20	-590.0	16.0	20
-570.0	16.0	20	-550.0	16.0	20	-530.0	16.0	20	-510.0	16.0	20	-490.0	16.0	20
-470.0	16.0	20	-450.0	16.0	20	-430.0	16.0	20	-410.0	16.0	20	-390.0	16.0	20
-370.0	16.0	20	-350.0	16.0	20	-330.0	16.0	20	-310.0	16.0	20	-290.0	16.0	20
-270.0	16.0	20	-250.0	16.0	20	-230.0	16.0	20	-210.0	16.0	20	-190.0	16.0	20
-170.0	16.0	20	-150.0	16.0	20	-130.0	16.0	20	-110.0	16.0	20			

Sezione a quota 679
Coordinate dei vertici

X	Y
-750.0	22.5
-750.0	155.4
-700.0	155.4
-700.0	22.5
-100.0	22.5
-100.0	-22.5
-750.0	-22.5

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-730.0	-16.0	20	-710.0	-16.0	20	-690.0	-16.0	20	-670.0	-16.0	20	-650.0	-16.0	20
-630.0	-16.0	20	-610.0	-16.0	20	-590.0	-16.0	20	-570.0	-16.0	20	-550.0	-16.0	20
-530.0	-16.0	20	-510.0	-16.0	20	-490.0	-16.0	20	-470.0	-16.0	20	-450.0	-16.0	20
-430.0	-16.0	20	-410.0	-16.0	20	-390.0	-16.0	20	-370.0	-16.0	20	-350.0	-16.0	20
-330.0	-16.0	20	-310.0	-16.0	20	-290.0	-16.0	20	-270.0	-16.0	20	-250.0	-16.0	20
-230.0	-16.0	20	-210.0	-16.0	20	-190.0	-16.0	20	-170.0	-16.0	20	-150.0	-16.0	20
-130.0	-16.0	20	-110.0	-16.0	20	-730.0	16.0	20	-710.0	16.0	20	-690.0	16.0	20
-670.0	16.0	20	-650.0	16.0	20	-630.0	16.0	20	-610.0	16.0	20	-590.0	16.0	20
-570.0	16.0	20	-550.0	16.0	20	-530.0	16.0	20	-510.0	16.0	20	-490.0	16.0	20
-470.0	16.0	20	-450.0	16.0	20	-430.0	16.0	20	-410.0	16.0	20	-390.0	16.0	20
-370.0	16.0	20	-350.0	16.0	20	-330.0	16.0	20	-310.0	16.0	20	-290.0	16.0	20
-270.0	16.0	20	-250.0	16.0	20	-230.0	16.0	20	-210.0	16.0	20	-190.0	16.0	20
-170.0	16.0	20	-150.0	16.0	20	-130.0	16.0	20	-110.0	16.0	20			

Sezione a quota 726
Coordinate dei vertici

X	Y
-750.0	22.5
-750.0	143.5
-700.0	143.5
-700.0	22.5
-100.0	22.5
-100.0	-22.5
-750.0	-22.5

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-730.0	-16.0	20	-710.0	-16.0	20	-690.0	-16.0	20	-670.0	-16.0	20	-650.0	-16.0	20
-630.0	-16.0	20	-610.0	-16.0	20	-590.0	-16.0	20	-570.0	-16.0	20	-550.0	-16.0	20
-530.0	-16.0	20	-510.0	-16.0	20	-490.0	-16.0	20	-470.0	-16.0	20	-450.0	-16.0	20
-430.0	-16.0	20	-410.0	-16.0	20	-390.0	-16.0	20	-370.0	-16.0	20	-350.0	-16.0	20
-330.0	-16.0	20	-310.0	-16.0	20	-290.0	-16.0	20	-270.0	-16.0	20	-250.0	-16.0	20
-230.0	-16.0	20	-210.0	-16.0	20	-190.0	-16.0	20	-170.0	-16.0	20	-150.0	-16.0	20
-130.0	-16.0	20	-110.0	-16.0	20	-730.0	16.0	20	-710.0	16.0	20	-690.0	16.0	20
-670.0	16.0	20	-650.0	16.0	20	-630.0	16.0	20	-610.0	16.0	20	-590.0	16.0	20
-570.0	16.0	20	-550.0	16.0	20	-530.0	16.0	20	-510.0	16.0	20	-490.0	16.0	20
-470.0	16.0	20	-450.0	16.0	20	-430.0	16.0	20	-410.0	16.0	20	-390.0	16.0	20
-370.0	16.0	20	-350.0	16.0	20	-330.0	16.0	20	-310.0	16.0	20	-290.0	16.0	20
-270.0	16.0	20	-250.0	16.0	20	-230.0	16.0	20	-210.0	16.0	20	-190.0	16.0	20
-170.0	16.0	20	-150.0	16.0	20	-130.0	16.0	20	-110.0	16.0	20			

Sezione a quota 728
Coordinate dei vertici

X	Y
-750.0	22.5
-750.0	143.0
-700.0	143.0
-700.0	22.5

-100.0	22.5
-100.0	-22.5
-750.0	-22.5

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-730.0	-16.0	20	-710.0	-16.0	20	-690.0	-16.0	20	-670.0	-16.0	20	-650.0	-16.0	20
-630.0	-16.0	20	-610.0	-16.0	20	-590.0	-16.0	20	-570.0	-16.0	20	-550.0	-16.0	20
-530.0	-16.0	20	-510.0	-16.0	20	-490.0	-16.0	20	-470.0	-16.0	20	-450.0	-16.0	20
-430.0	-16.0	20	-410.0	-16.0	20	-390.0	-16.0	20	-370.0	-16.0	20	-350.0	-16.0	20
-330.0	-16.0	20	-310.0	-16.0	20	-290.0	-16.0	20	-270.0	-16.0	20	-250.0	-16.0	20
-230.0	-16.0	20	-210.0	-16.0	20	-190.0	-16.0	20	-170.0	-16.0	20	-150.0	-16.0	20
-130.0	-16.0	20	-110.0	-16.0	20	-730.0	16.0	20	-710.0	16.0	20	-690.0	16.0	20
-670.0	16.0	20	-650.0	16.0	20	-630.0	16.0	20	-610.0	16.0	20	-590.0	16.0	20
-570.0	16.0	20	-550.0	16.0	20	-530.0	16.0	20	-510.0	16.0	20	-490.0	16.0	20
-470.0	16.0	20	-450.0	16.0	20	-430.0	16.0	20	-410.0	16.0	20	-390.0	16.0	20
-370.0	16.0	20	-350.0	16.0	20	-330.0	16.0	20	-310.0	16.0	20	-290.0	16.0	20
-270.0	16.0	20	-250.0	16.0	20	-230.0	16.0	20	-210.0	16.0	20	-190.0	16.0	20
-170.0	16.0	20	-150.0	16.0	20	-130.0	16.0	20	-110.0	16.0	20			

Sezione a quota 729

Coordinate dei vertici

X	Y
-750.0	22.5
-750.0	142.9
-700.0	142.9
-700.0	22.5
-100.0	22.5
-100.0	-22.5
-750.0	-22.5

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-730.0	-16.0	20	-710.0	-16.0	20	-690.0	-16.0	20	-670.0	-16.0	20	-650.0	-16.0	20
-630.0	-16.0	20	-610.0	-16.0	20	-590.0	-16.0	20	-570.0	-16.0	20	-550.0	-16.0	20
-530.0	-16.0	20	-510.0	-16.0	20	-490.0	-16.0	20	-470.0	-16.0	20	-450.0	-16.0	20
-430.0	-16.0	20	-410.0	-16.0	20	-390.0	-16.0	20	-370.0	-16.0	20	-350.0	-16.0	20
-330.0	-16.0	20	-310.0	-16.0	20	-290.0	-16.0	20	-270.0	-16.0	20	-250.0	-16.0	20
-230.0	-16.0	20	-210.0	-16.0	20	-190.0	-16.0	20	-170.0	-16.0	20	-150.0	-16.0	20
-130.0	-16.0	20	-110.0	-16.0	20	-730.0	16.0	20	-710.0	16.0	20	-690.0	16.0	20
-670.0	16.0	20	-650.0	16.0	20	-630.0	16.0	20	-610.0	16.0	20	-590.0	16.0	20
-570.0	16.0	20	-550.0	16.0	20	-530.0	16.0	20	-510.0	16.0	20	-490.0	16.0	20
-470.0	16.0	20	-450.0	16.0	20	-430.0	16.0	20	-410.0	16.0	20	-390.0	16.0	20
-370.0	16.0	20	-350.0	16.0	20	-330.0	16.0	20	-310.0	16.0	20	-290.0	16.0	20
-270.0	16.0	20	-250.0	16.0	20	-230.0	16.0	20	-210.0	16.0	20	-190.0	16.0	20
-170.0	16.0	20	-150.0	16.0	20	-130.0	16.0	20	-110.0	16.0	20			

Sezione a quota 729

Coordinate dei vertici

X	Y
-750.0	22.5
-750.0	142.8
-700.0	142.8
-700.0	22.5
-100.0	22.5
-100.0	-22.5
-750.0	-22.5

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-730.0	-16.0	20	-710.0	-16.0	20	-690.0	-16.0	20	-670.0	-16.0	20	-650.0	-16.0	20
-630.0	-16.0	20	-610.0	-16.0	20	-590.0	-16.0	20	-570.0	-16.0	20	-550.0	-16.0	20
-530.0	-16.0	20	-510.0	-16.0	20	-490.0	-16.0	20	-470.0	-16.0	20	-450.0	-16.0	20
-430.0	-16.0	20	-410.0	-16.0	20	-390.0	-16.0	20	-370.0	-16.0	20	-350.0	-16.0	20
-330.0	-16.0	20	-310.0	-16.0	20	-290.0	-16.0	20	-270.0	-16.0	20	-250.0	-16.0	20
-230.0	-16.0	20	-210.0	-16.0	20	-190.0	-16.0	20	-170.0	-16.0	20	-150.0	-16.0	20
-130.0	-16.0	20	-110.0	-16.0	20	-730.0	16.0	20	-710.0	16.0	20	-690.0	16.0	20
-670.0	16.0	20	-650.0	16.0	20	-630.0	16.0	20	-610.0	16.0	20	-590.0	16.0	20
-570.0	16.0	20	-550.0	16.0	20	-530.0	16.0	20	-510.0	16.0	20	-490.0	16.0	20
-470.0	16.0	20	-450.0	16.0	20	-430.0	16.0	20	-410.0	16.0	20	-390.0	16.0	20
-370.0	16.0	20	-350.0	16.0	20	-330.0	16.0	20	-310.0	16.0	20	-290.0	16.0	20
-270.0	16.0	20	-250.0	16.0	20	-230.0	16.0	20	-210.0	16.0	20	-190.0	16.0	20
-170.0	16.0	20	-150.0	16.0	20	-130.0	16.0	20	-110.0	16.0	20			

Sezione a quota 731

Coordinate dei vertici

X	Y
-750.0	22.5
-750.0	142.3
-700.0	142.3
-700.0	22.5
-100.0	22.5
-100.0	-22.5
-750.0	-22.5

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-730.0	-16.0	20	-710.0	-16.0	20	-690.0	-16.0	20	-670.0	-16.0	20	-650.0	-16.0	20
-630.0	-16.0	20	-610.0	-16.0	20	-590.0	-16.0	20	-570.0	-16.0	20	-550.0	-16.0	20
-530.0	-16.0	20	-510.0	-16.0	20	-490.0	-16.0	20	-470.0	-16.0	20	-450.0	-16.0	20
-430.0	-16.0	20	-410.0	-16.0	20	-390.0	-16.0	20	-370.0	-16.0	20	-350.0	-16.0	20
-330.0	-16.0	20	-310.0	-16.0	20	-290.0	-16.0	20	-270.0	-16.0	20	-250.0	-16.0	20
-230.0	-16.0	20	-210.0	-16.0	20	-190.0	-16.0	20	-170.0	-16.0	20	-150.0	-16.0	20
-130.0	-16.0	20	-110.0	-16.0	20	-730.0	16.0	20	-710.0	16.0	20	-690.0	16.0	20

-670.0	16.0	20	-650.0	16.0	20	-630.0	16.0	20	-610.0	16.0	20	-590.0	16.0	20
-570.0	16.0	20	-550.0	16.0	20	-530.0	16.0	20	-510.0	16.0	20	-490.0	16.0	20
-470.0	16.0	20	-450.0	16.0	20	-430.0	16.0	20	-410.0	16.0	20	-390.0	16.0	20
-370.0	16.0	20	-350.0	16.0	20	-330.0	16.0	20	-310.0	16.0	20	-290.0	16.0	20
-270.0	16.0	20	-250.0	16.0	20	-230.0	16.0	20	-210.0	16.0	20	-190.0	16.0	20
-170.0	16.0	20	-150.0	16.0	20	-130.0	16.0	20	-110.0	16.0	20			

Sezione a quota 951
Coordinate dei vertici

X	Y
-750.0	22.5
-750.0	87.3
-700.0	87.3
-700.0	22.5
-100.0	22.5
-100.0	-22.5
-750.0	-22.5

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-730.0	-16.0	20	-710.0	-16.0	20	-690.0	-16.0	20	-670.0	-16.0	20	-650.0	-16.0	20
-630.0	-16.0	20	-610.0	-16.0	20	-590.0	-16.0	20	-570.0	-16.0	20	-550.0	-16.0	20
-530.0	-16.0	20	-510.0	-16.0	20	-490.0	-16.0	20	-470.0	-16.0	20	-450.0	-16.0	20
-430.0	-16.0	20	-410.0	-16.0	20	-390.0	-16.0	20	-370.0	-16.0	20	-350.0	-16.0	20
-330.0	-16.0	20	-310.0	-16.0	20	-290.0	-16.0	20	-270.0	-16.0	20	-250.0	-16.0	20
-230.0	-16.0	20	-210.0	-16.0	20	-190.0	-16.0	20	-170.0	-16.0	20	-150.0	-16.0	20
-130.0	-16.0	20	-110.0	-16.0	20	-730.0	16.0	20	-710.0	16.0	20	-690.0	16.0	20
-670.0	16.0	20	-650.0	16.0	20	-630.0	16.0	20	-610.0	16.0	20	-590.0	16.0	20
-570.0	16.0	20	-550.0	16.0	20	-530.0	16.0	20	-510.0	16.0	20	-490.0	16.0	20
-470.0	16.0	20	-450.0	16.0	20	-430.0	16.0	20	-410.0	16.0	20	-390.0	16.0	20
-370.0	16.0	20	-350.0	16.0	20	-330.0	16.0	20	-310.0	16.0	20	-290.0	16.0	20
-270.0	16.0	20	-250.0	16.0	20	-230.0	16.0	20	-210.0	16.0	20	-190.0	16.0	20
-170.0	16.0	20	-150.0	16.0	20	-130.0	16.0	20	-110.0	16.0	20			

Sezione a quota 1171
Coordinate dei vertici

X	Y
-750.0	-22.5
-750.0	22.5
-100.0	22.5
-100.0	-22.5

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-730.0	-16.0	20	-710.0	-16.0	20	-690.0	-16.0	20	-670.0	-16.0	20	-650.0	-16.0	20
-630.0	-16.0	20	-610.0	-16.0	20	-590.0	-16.0	20	-570.0	-16.0	20	-550.0	-16.0	20
-530.0	-16.0	20	-510.0	-16.0	20	-490.0	-16.0	20	-470.0	-16.0	20	-450.0	-16.0	20
-430.0	-16.0	20	-410.0	-16.0	20	-390.0	-16.0	20	-370.0	-16.0	20	-350.0	-16.0	20
-330.0	-16.0	20	-310.0	-16.0	20	-290.0	-16.0	20	-270.0	-16.0	20	-250.0	-16.0	20
-230.0	-16.0	20	-210.0	-16.0	20	-190.0	-16.0	20	-170.0	-16.0	20	-150.0	-16.0	20
-130.0	-16.0	20	-110.0	-16.0	20	-730.0	16.0	20	-710.0	16.0	20	-690.0	16.0	20
-670.0	16.0	20	-650.0	16.0	20	-630.0	16.0	20	-610.0	16.0	20	-590.0	16.0	20
-570.0	16.0	20	-550.0	16.0	20	-530.0	16.0	20	-510.0	16.0	20	-490.0	16.0	20
-470.0	16.0	20	-450.0	16.0	20	-430.0	16.0	20	-410.0	16.0	20	-390.0	16.0	20
-370.0	16.0	20	-350.0	16.0	20	-330.0	16.0	20	-310.0	16.0	20	-290.0	16.0	20
-270.0	16.0	20	-250.0	16.0	20	-230.0	16.0	20	-210.0	16.0	20	-190.0	16.0	20
-170.0	16.0	20	-150.0	16.0	20	-130.0	16.0	20	-110.0	16.0	20			

Sezione a quota 1173
Coordinate dei vertici

X	Y
-750.0	-22.5
-750.0	22.5
-100.0	22.5
-100.0	-22.5

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-730.0	-16.0	20	-710.0	-16.0	20	-690.0	-16.0	20	-670.0	-16.0	20	-650.0	-16.0	20
-630.0	-16.0	20	-610.0	-16.0	20	-590.0	-16.0	20	-570.0	-16.0	20	-550.0	-16.0	20
-530.0	-16.0	20	-510.0	-16.0	20	-490.0	-16.0	20	-470.0	-16.0	20	-450.0	-16.0	20
-430.0	-16.0	20	-410.0	-16.0	20	-390.0	-16.0	20	-370.0	-16.0	20	-350.0	-16.0	20
-330.0	-16.0	20	-310.0	-16.0	20	-290.0	-16.0	20	-270.0	-16.0	20	-250.0	-16.0	20
-230.0	-16.0	20	-210.0	-16.0	20	-190.0	-16.0	20	-170.0	-16.0	20	-150.0	-16.0	20
-130.0	-16.0	20	-110.0	-16.0	20	-730.0	16.0	20	-710.0	16.0	20	-690.0	16.0	20
-670.0	16.0	20	-650.0	16.0	20	-630.0	16.0	20	-610.0	16.0	20	-590.0	16.0	20
-570.0	16.0	20	-550.0	16.0	20	-530.0	16.0	20	-510.0	16.0	20	-490.0	16.0	20
-470.0	16.0	20	-450.0	16.0	20	-430.0	16.0	20	-410.0	16.0	20	-390.0	16.0	20
-370.0	16.0	20	-350.0	16.0	20	-330.0	16.0	20	-310.0	16.0	20	-290.0	16.0	20
-270.0	16.0	20	-250.0	16.0	20	-230.0	16.0	20	-210.0	16.0	20	-190.0	16.0	20
-170.0	16.0	20	-150.0	16.0	20	-130.0	16.0	20	-110.0	16.0	20			

Sezione a quota 1236
Coordinate dei vertici

X	Y
-750.0	-22.5
-750.0	22.5
-100.0	22.5
-100.0	-22.5

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-730.0	-16.0	20	-710.0	-16.0	20	-690.0	-16.0	20	-670.0	-16.0	20	-650.0	-16.0	20
-630.0	-16.0	20	-610.0	-16.0	20	-590.0	-16.0	20	-570.0	-16.0	20	-550.0	-16.0	20

-530.0	-16.0	20	-510.0	-16.0	20	-490.0	-16.0	20	-470.0	-16.0	20	-450.0	-16.0	20
-430.0	-16.0	20	-410.0	-16.0	20	-390.0	-16.0	20	-370.0	-16.0	20	-350.0	-16.0	20
-330.0	-16.0	20	-310.0	-16.0	20	-290.0	-16.0	20	-270.0	-16.0	20	-250.0	-16.0	20
-230.0	-16.0	20	-210.0	-16.0	20	-190.0	-16.0	20	-170.0	-16.0	20	-150.0	-16.0	20
-130.0	-16.0	20	-110.0	-16.0	20	-730.0	16.0	20	-710.0	16.0	20	-690.0	16.0	20
-670.0	16.0	20	-650.0	16.0	20	-630.0	16.0	20	-610.0	16.0	20	-590.0	16.0	20
-570.0	16.0	20	-550.0	16.0	20	-530.0	16.0	20	-510.0	16.0	20	-490.0	16.0	20
-470.0	16.0	20	-450.0	16.0	20	-430.0	16.0	20	-410.0	16.0	20	-390.0	16.0	20
-370.0	16.0	20	-350.0	16.0	20	-330.0	16.0	20	-310.0	16.0	20	-290.0	16.0	20
-270.0	16.0	20	-250.0	16.0	20	-230.0	16.0	20	-210.0	16.0	20	-190.0	16.0	20
-170.0	16.0	20	-150.0	16.0	20	-130.0	16.0	20	-110.0	16.0	20			

Sezione a quota 1299

Coordinate dei vertici

X	Y
-750.0	-22.5
-750.0	22.5
-100.0	22.5
-100.0	-22.5

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-730.0	-16.0	20	-710.0	-16.0	20	-690.0	-16.0	20	-670.0	-16.0	20	-650.0	-16.0	20
-630.0	-16.0	20	-610.0	-16.0	20	-590.0	-16.0	20	-570.0	-16.0	20	-550.0	-16.0	20
-530.0	-16.0	20	-510.0	-16.0	20	-490.0	-16.0	20	-470.0	-16.0	20	-450.0	-16.0	20
-430.0	-16.0	20	-410.0	-16.0	20	-390.0	-16.0	20	-370.0	-16.0	20	-350.0	-16.0	20
-330.0	-16.0	20	-310.0	-16.0	20	-290.0	-16.0	20	-270.0	-16.0	20	-250.0	-16.0	20
-230.0	-16.0	20	-210.0	-16.0	20	-190.0	-16.0	20	-170.0	-16.0	20	-150.0	-16.0	20
-130.0	-16.0	20	-110.0	-16.0	20	-730.0	16.0	20	-710.0	16.0	20	-690.0	16.0	20
-670.0	16.0	20	-650.0	16.0	20	-630.0	16.0	20	-610.0	16.0	20	-590.0	16.0	20
-570.0	16.0	20	-550.0	16.0	20	-530.0	16.0	20	-510.0	16.0	20	-490.0	16.0	20
-470.0	16.0	20	-450.0	16.0	20	-430.0	16.0	20	-410.0	16.0	20	-390.0	16.0	20
-370.0	16.0	20	-350.0	16.0	20	-330.0	16.0	20	-310.0	16.0	20	-290.0	16.0	20
-270.0	16.0	20	-250.0	16.0	20	-230.0	16.0	20	-210.0	16.0	20	-190.0	16.0	20
-170.0	16.0	20	-150.0	16.0	20	-130.0	16.0	20	-110.0	16.0	20			

Verifica eseguita con comportamento non dissipativo

Le condizioni sismiche sono state moltiplicate per i rispettivi fattori di struttura

fcd	fctd	Hcr	q.Hcr	hw	Lw	n.p.	hs
212	16	350	315	1335	650	10	158

Verifica a pressoflessione

quota	Mxd	Myd	Ned	Ngrav.	NReale	c.s.	comb
-4	4778465	-10365620	-125418	-125418	-125418	5.5691	5 SLU
-4	4963968	128303500	37192	-99175	37192	1.9143	14 SLV
51	3961118	-10152930	-119346	-119346	-119346	7.0885	5 SLU
51	3785031	117928600	41776	-94504	41776	2.2172	14 SLV
105	2855040	-10491580	-115207	-115207	-115207	10.8662	5 SLU
105	2750317	107174900	44053	-91321	44053	2.4448	14 SLV
107	2825434	-10490110	-115207	-115207	-115207	11.0270	5 SLU
107	2709624	106790600	44053	-91321	44053	2.4544	14 SLV
185	1716554	-10177950	-111478	-111478	-111478	19.9395	6 SLU
185	1143610	91970860	49621	-85629	49621	2.8355	14 SLV
263	583398	-9938433	-104728	-104728	-104728	37.0289	6 SLU
263	-384617	77502160	54432	-80437	54432	3.2615	14 SLV
265	554298	-9936464	-104728	-104728	-104728	37.6559	6 SLU
265	-424382	77129550	54432	-80437	54432	3.2741	14 SLV
267	525208	-9934485	-104728	-104728	-104728	38.3053	6 SLU
267	-464973	76883620	52741	-80437	52741	3.2983	14 SLV
269	496072	-9932553	-104728	-104728	-104728	38.9673	6 SLU
269	-502788	76514550	52693	-80437	52693	3.3115	14 SLV
271	635756	-9156099	-107356	-107356	-107356	48.0705	6 SLU
271	-321292	70265610	72114	-81186	72114	3.3649	14 SLV
433	813234	-8734178	-93499	-93499	-93499	49.5386	6 SLU
433	-312138	42320860	77846	-69808	77846	3.5446	14 SLV
594	1209665	-7539406	-80179	-80179	-80179	54.0512	6 SLU
594	383197	20712780	69111	-58796	69111	5.7191	14 SLV
596	1217001	-7536758	-80179	-80179	-80179	53.9872	6 SLU
596	399416	20385490	69111	-58796	69111	5.7670	14 SLV
613	1278894	-7447152	-76436	-76436	-76436	54.6079	6 SLU
613	536895	17598520	72025	-55917	72025	6.0682	14 SLV
629	1339967	-7391366	-73729	-73729	-73729	54.0640	6 SLU
629	654441	14784030	73201	-53835	73201	6.4919	14 SLV
631	1347302	-7388718	-73729	-73729	-73729	53.9256	6 SLU
631	670858	14454220	73201	-53835	73201	6.5528	14 SLV
679	1657976	-6365573	-71075	-71075	-71075	53.3184	6 SLU
679	1354296	12231830	66274	-51167	66274	7.4649	14 SLV
726	1937869	-6505800	-62633	-62633	-62633	39.8037	7 SLU
726	2378429	844781	87348	-48326	87348	6.5605	10 SLV
728	1949126	-6532955	-62633	-62633	-62633	39.0424	7 SLU
728	2409497	702422	87348	-48326	87348	6.5043	10 SLV
729	1951940	-6539744	-62633	-62633	-62633	38.8554	7 SLU
729	2417263	666832	87348	-48326	87348	6.4903	10 SLV
729	1954754	-6546533	-62633	-62633	-62633	38.6699	7 SLU
729	2425030	631242	87348	-48326	87348	6.4764	10 SLV
731	-3112807	-4699957	-33145	-33145	-33145	5.4089	7 SLU
731	-1126391	12081940	75284	-28775	75284	5.3088	14 SLV
951	-704486	-351218	-29835	-29835	-29835	46.6489	7 SLU
951	-1387985	9588681	28527	-23939	28527	6.7848	10 SLV
1171	-180122	125613	-14558	-14558	-14558	231.9921	5 SLU
1171	-1087145	-298611	10862	-11332	10862	11.2379	10 SLV
1173	-161608	303262	-13008	-13008	-13008	246.2652	7 SLU

1173	-1070731	3732884	285	-9966	285	12.3104	10 SLV
1236	-71703	214872	-7294	-7294	-7294	496.0811	5 SLU
1236	-537071	4190555	2996	-5649	2996	20.4816	5 SLV
1299	-661	-213243	-1754	-1754	-1754	2429.2110	7 SLU
1299	-12726	7390462	12880	-1149	12880	20.6479	1 SLV

Verifica compressione del diagonale

quota	epsilon	VEd	Vrcd	comb
-4	1.00	4393	1262740	7 SLU
-4	1.00	193173	1238153	14 SLV
51	1.00	4393	1261526	7 SLU
51	1.00	194479	1238153	14 SLV
105	1.00	4339	1260698	7 SLU
105	1.00	192195	1238153	14 SLV
107	1.00	4339	1260698	7 SLU
107	1.00	192195	1238153	14 SLV
185	1.00	4289	1259218	7 SLU
185	1.00	189977	1238153	14 SLV
263	1.00	4235	1257868	7 SLU
263	1.00	186306	1238153	14 SLV
265	1.00	4235	1257868	7 SLU
265	1.00	186306	1238153	14 SLV
267	1.00	4215	1257868	7 SLU
267	1.00	185157	1238153	14 SLV
269	1.00	4205	1257868	7 SLU
269	1.00	185097	1238153	14 SLV
271	1.00	3168	1258355	7 SLU
271	1.00	186418	1238153	14 SLV
433	1.00	2781	1255668	7 SLU
433	1.00	176714	1238153	14 SLV
594	1.00	3070	1253155	7 SLU
594	1.00	163645	1238153	14 SLV
596	1.00	3070	1253155	7 SLU
596	1.00	163645	1238153	14 SLV
613	1.00	3070	1252406	7 SLU
613	1.00	164838	1238153	14 SLV
629	1.00	3070	1251865	7 SLU
629	1.00	164905	1238153	14 SLV
631	1.00	3070	1251865	7 SLU
631	1.00	164905	1238153	14 SLV
679	1.00	13606	1251418	7 SLU
679	1.00	161689	1238153	14 SLV
726	1.00	13578	1250679	7 SLU
726	1.00	160883	1238153	14 SLV
728	1.00	13578	1250679	7 SLU
728	1.00	160883	1238153	14 SLV
729	1.00	13578	1250679	7 SLU
729	1.00	160883	1238153	14 SLV
729	1.00	13578	1250679	7 SLU
729	1.00	160883	1238153	14 SLV
731	1.00	2936	1244782	7 SLU
731	1.00	127721	1238153	14 SLV
951	1.00	5738	1244119	7 SLU
951	1.00	106910	1238153	14 SLV
1171	1.00	6191	1241048	7 SLU
1171	1.00	93619	1238610	14 SLV
1173	1.00	6219	1240754	7 SLU
1173	1.00	87246	1240564	14 SLV
1236	1.00	6288	1239673	7 SLU
1236	1.00	86779	1239092	10 SLV
1299	1.00	6288	1238503	7 SLU
1299	1.00	86681	1238153	10 SLV

Verifica trazione del diagonale

quota	alfaS	At	roh	rov	MEd	NEd	VEd	VRsd	comb
-4	0.00	254.6	0.0061	0.0087	-6971868	-122937	4393	562009	7 SLU
-4	0.00	254.6	0.0061	0.0087	128303500	37192	193173	562009	14 SLV
51	0.00	254.6	0.0070	0.0087	-7041588	-116865	4393	639305	7 SLU
51	0.00	254.6	0.0070	0.0087	117928600	41776	194479	639305	14 SLV
105	0.00	254.6	0.0070	0.0087	-7658574	-112726	4339	639305	7 SLU
105	0.00	254.6	0.0070	0.0087	107174900	44053	192195	639305	14 SLV
107	0.00	254.6	0.0070	0.0087	-7667251	-112726	4339	639305	7 SLU
107	0.00	254.6	0.0070	0.0087	106790600	44053	192195	639305	14 SLV
185	0.00	254.6	0.0070	0.0087	-7791777	-105327	4289	639305	7 SLU
185	0.00	254.6	0.0070	0.0087	91970860	49621	189977	639305	14 SLV
263	0.00	254.6	0.0070	0.0087	-7962811	-98577	4235	639305	7 SLU
263	0.00	254.6	0.0070	0.0087	77502160	54432	186306	639305	14 SLV
265	0.00	254.6	0.0070	0.0087	-7971281	-98577	4235	639305	7 SLU
265	0.00	254.6	0.0070	0.0087	77129550	54432	186306	639305	14 SLV
267	0.00	254.6	0.0070	0.0087	-7979760	-98577	4215	639305	7 SLU
267	0.00	254.6	0.0070	0.0087	76883620	52741	185157	639305	14 SLV
269	0.00	254.6	0.0070	0.0087	-7988193	-98577	4205	639305	7 SLU
269	0.00	254.6	0.0070	0.0087	76514550	52693	185097	639305	14 SLV
271	0.00	254.6	0.0070	0.0087	-7281233	-101013	3168	639305	7 SLU
271	0.00	254.6	0.0070	0.0087	70265610	72114	186418	639305	14 SLV
433	0.00	201.1	0.0070	0.0069	-7548108	-87579	2781	639305	7 SLU
433	0.00	201.1	0.0070	0.0069	42320860	77846	176714	639305	14 SLV
594	0.00	201.1	0.0070	0.0069	-6881004	-75011	3070	639305	7 SLU
594	0.00	201.1	0.0070	0.0069	20712780	69111	163645	639305	14 SLV
596	0.00	201.1	0.0070	0.0069	-6887144	-75011	3070	639305	7 SLU
596	0.00	201.1	0.0070	0.0069	20385490	69111	163645	639305	14 SLV
613	0.00	201.1	0.0070	0.0069	-6870044	-71268	3070	639305	7 SLU
613	0.00	201.1	0.0070	0.0069	17598520	72025	164838	639305	14 SLV
629	0.00	201.1	0.0070	0.0069	-6886763	-68561	3070	639305	7 SLU

629	0.00	201.1	0.0070	0.0069	14784030	73201	164905	639305 14 SLV
631	0.00	201.1	0.0070	0.0069	-6892903	-68561	3070	639305 7 SLU
631	0.00	201.1	0.0070	0.0069	14454220	73201	164905	639305 14 SLV
679	0.00	201.1	0.0070	0.0069	-5895341	-66326	13606	639305 7 SLU
679	0.00	201.1	0.0070	0.0069	12231830	66274	161689	639305 14 SLV
726	0.00	201.1	0.0070	0.0069	-6505800	-62633	13578	639305 7 SLU
726	0.00	201.1	0.0070	0.0069	4727668	69000	160883	639305 14 SLV
728	0.00	201.1	0.0070	0.0069	-6532955	-62633	13578	639305 7 SLU
728	0.00	201.1	0.0070	0.0069	4405902	69000	160883	639305 14 SLV
729	0.00	201.1	0.0070	0.0069	-6539744	-62633	13578	639305 7 SLU
729	0.00	201.1	0.0070	0.0069	4325460	69000	160883	639305 14 SLV
729	0.00	201.1	0.0070	0.0069	-6546533	-62633	13578	639305 7 SLU
729	0.00	201.1	0.0070	0.0069	4245019	69000	160883	639305 14 SLV
731	0.00	201.1	0.0070	0.0069	-4699957	-33145	2936	639305 7 SLU
731	0.00	201.1	0.0070	0.0069	12081940	75284	127721	639305 14 SLV
951	0.00	201.1	0.0070	0.0069	-351218	-29835	5738	639305 7 SLU
951	0.00	201.1	0.0070	0.0069	8268566	14462	106910	639305 14 SLV
1171	0.00	201.1	0.0070	0.0069	2356	-14476	6191	639305 7 SLU
1171	0.00	201.1	0.0070	0.0069	-4144786	-2286	93619	639305 14 SLV
1173	0.00	201.1	0.0070	0.0069	303262	-13008	6219	639305 7 SLU
1173	0.00	201.1	0.0070	0.0069	-621712	-12059	87246	639305 14 SLV
1236	0.00	201.1	0.0070	0.0069	109789	-7604	6288	639305 7 SLU
1236	0.00	201.1	0.0070	0.0069	1807590	-4696	86779	639305 10 SLV
1299	0.00	201.1	0.0070	0.0069	-213243	-1754	6288	639305 7 SLU
1299	0.00	201.1	0.0070	0.0069	-3217340	835	86681	639305 10 SLV

Parete lato vasche B

Parete fra le coordinate in pianta (-100;923) (-750;923)
da quota -35 a quota 1300
Valori in daN, cm
C35/45_1: rck 450
fyk 4500

Verifica di stato limite ultimo

nod	sez	B	H	Af+	Af-	c+	c-	c.s.	comb	N	M	Nu	Mu
1245	o	120	45	18.8	18.8	6.5	6.5	1.076	14 SLV	111494	-449781	120002	-484105
	v	90	45	12.6	12.6	8.5	8.5	5.720	16 SLV	7804	-180487	44638	-1032320
1277	o	120	45	18.8	18.8	6.5	6.5	1.011	14 SLV	114185	-563154	115488	-569580
	v	120	45	18.8	18.8	8.5	8.5	7.603	8 SLU	-1026	-374213	-7799	-2845042

Combinazione rara

nod	sez	B	H	Af+	Af-	c+	c-	sc	c	N	M	sf	c	N	M	Wk(mm)	Wlim	st	Sm(mm)	c
1245	o	120	45	18.8	18.8	6.5	6.5	-44.6	1 ra	-4.46E03	-1.14E06	1632.9	1 ra	-4.46E03	-1.14E06	0.00	999.00	25.7	0.0	1 ra
	v	90	45	12.6	12.6	8.5	8.5	-8.6	1 ra	-1.32E03	-1.38E05	280.0	1 ra	-1.32E03	-1.38E05	0.00	999.00	4.0	0.0	1 ra
1277	o	120	45	18.8	18.8	6.5	6.5	-37.3	1 ra	-4.49E03	-9.51E05	1343.7	1 ra	-4.49E03	-9.51E05	0.00	999.00	21.3	0.0	1 ra
	v	120	45	18.8	18.8	8.5	8.5	-12.3	1 ra	-1.04E03	-2.77E05	422.0	1 ra	-1.04E03	-2.77E05	0.00	999.00	6.3	0.0	1 ra

Combinazione frequente

nod	sez	B	H	Af+	Af-	c+	c-	sc	c	N	M	sf	c	N	M	Wk(mm)	Wlim	st	Sm(mm)	c
1245	o	120	45	18.8	18.8	6.5	6.5	-44.6	1 fr	-4.46E03	-1.14E06	1632.9	1 fr	-4.46E03	-1.14E06	0.00	0.20	25.7	0.0	1 fr
	v	90	45	12.6	12.6	8.5	8.5	-8.6	1 fr	-1.32E03	-1.38E05	280.0	1 fr	-1.32E03	-1.38E05	0.00	0.20	4.0	0.0	1 fr
1277	o	120	45	18.8	18.8	6.5	6.5	-37.3	1 fr	-4.49E03	-9.51E05	1343.7	1 fr	-4.49E03	-9.51E05	0.00	0.20	21.3	0.0	1 fr
	v	120	45	18.8	18.8	8.5	8.5	-12.3	1 fr	-1.04E03	-2.77E05	422.0	1 fr	-1.04E03	-2.77E05	0.00	0.20	6.3	0.0	1 fr

Combinazione quasi permanente

nod	sez	B	H	Af+	Af-	c+	c-	sc	c	N	M	sf	c	N	M	Wk(mm)	Wlim	st	Sm(mm)	c
1245	o	120	45	18.8	18.8	6.5	6.5	-41.3	4 q.	-7.66E03	-1.05E06	1411.3	4 q.	-7.66E03	-1.05E06	0.00	0.20	23.0	0.0	1 q.
	v	90	45	12.6	12.6	8.5	8.5	-7.4	4 q.	-1.71E03	-1.19E05	219.7	4 q.	-1.71E03	-1.19E05	0.00	0.20	3.4	0.0	1 q.
1277	o	120	45	18.8	18.8	6.5	6.5	-34.2	4 q.	-7.76E03	-8.69E05	1132.9	4 q.	-7.76E03	-8.69E05	0.00	0.20	18.8	0.0	1 q.
	v	120	45	18.8	18.8	8.5	8.5	-10.9	4 q.	-1.62E03	-2.46E05	356.9	4 q.	-1.62E03	-2.46E05	0.00	0.20	5.5	0.0	1 q.

Verifica dei pannelli

Pannello : Pannello da Filo 53 a Filo 19

Sezione a quota -4
Coordinate dei vertici

X	Y
100.0	-22.5
100.0	22.5
750.0	22.5
750.0	-22.5

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
110.5	-16.0	20	130.5	-16.0	20	150.5	-16.0	20	170.5	-16.0	20	190.5	-16.0	20
210.5	-16.0	20	230.5	-16.0	20	250.5	-16.0	20	270.5	-16.0	20	290.5	-16.0	20
310.5	-16.0	20	330.5	-16.0	20	350.5	-16.0	20	370.5	-16.0	20	390.5	-16.0	20
410.5	-16.0	20	430.5	-16.0	20	450.5	-16.0	20	470.5	-16.0	20	490.5	-16.0	20
510.5	-16.0	20	530.5	-16.0	20	550.5	-16.0	20	570.5	-16.0	20	590.5	-16.0	20
610.5	-16.0	20	630.5	-16.0	20	650.5	-16.0	20	670.5	-16.0	20	690.5	-16.0	20
710.5	-16.0	20	730.5	-16.0	20	110.5	16.0	20	130.5	16.0	20	150.5	16.0	20
170.5	16.0	20	190.5	16.0	20	210.5	16.0	20	230.5	16.0	20	250.5	16.0	20
270.5	16.0	20	290.5	16.0	20	310.5	16.0	20	330.5	16.0	20	350.5	16.0	20
370.5	16.0	20	390.5	16.0	20	410.5	16.0	20	430.5	16.0	20	450.5	16.0	20
470.5	16.0	20	490.5	16.0	20	510.5	16.0	20	530.5	16.0	20	550.5	16.0	20
570.5	16.0	20	590.5	16.0	20	610.5	16.0	20	630.5	16.0	20	650.5	16.0	20
670.5	16.0	20	690.5	16.0	20	710.5	16.0	20	730.5	16.0	20	107.5	-16.0	20
107.5	16.0	20	118.9	-16.0	20	118.9	16.0	20	133.2	-16.0	20	133.2	16.0	20
148.5	-16.0	20	148.5	16.0	20	740.1	-16.0	20	740.1	16.0	20	727.7	-16.0	20
727.7	16.0	20	713.3	-16.0	20	713.3	16.0	20	701.9	-16.0	20	701.9	16.0	20
174.1	-16.0	20	174.1	16.0	20	127.2	-16.0	20	127.2	16.0	20			

Sezione a quota 51
Coordinate dei vertici

X	Y
100.0	-22.5
100.0	22.5
750.0	22.5
750.0	-22.5

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
110.5	-16.0	20	130.5	-16.0	20	150.5	-16.0	20	170.5	-16.0	20	190.5	-16.0	20
210.5	-16.0	20	230.5	-16.0	20	250.5	-16.0	20	270.5	-16.0	20	290.5	-16.0	20
310.5	-16.0	20	330.5	-16.0	20	350.5	-16.0	20	370.5	-16.0	20	390.5	-16.0	20
410.5	-16.0	20	430.5	-16.0	20	450.5	-16.0	20	470.5	-16.0	20	490.5	-16.0	20
510.5	-16.0	20	530.5	-16.0	20	550.5	-16.0	20	570.5	-16.0	20	590.5	-16.0	20
610.5	-16.0	20	630.5	-16.0	20	650.5	-16.0	20	670.5	-16.0	20	690.5	-16.0	20
710.5	-16.0	20	730.5	-16.0	20	110.5	16.0	20	130.5	16.0	20	150.5	16.0	20
170.5	16.0	20	190.5	16.0	20	210.5	16.0	20	230.5	16.0	20	250.5	16.0	20
270.5	16.0	20	290.5	16.0	20	310.5	16.0	20	330.5	16.0	20	350.5	16.0	20
370.5	16.0	20	390.5	16.0	20	410.5	16.0	20	430.5	16.0	20	450.5	16.0	20
470.5	16.0	20	490.5	16.0	20	510.5	16.0	20	530.5	16.0	20	550.5	16.0	20
570.5	16.0	20	590.5	16.0	20	610.5	16.0	20	630.5	16.0	20	650.5	16.0	20
670.5	16.0	20	690.5	16.0	20	710.5	16.0	20	730.5	16.0	20	107.5	-16.0	20
107.5	16.0	20	118.9	-16.0	20	118.9	16.0	20	133.2	-16.0	20	133.2	16.0	20
148.5	-16.0	20	148.5	16.0	20	740.1	-16.0	20	740.1	16.0	20	727.7	-16.0	20
727.7	16.0	20	713.3	-16.0	20	713.3	16.0	20	701.9	-16.0	20	701.9	16.0	20
174.1	-16.0	20	174.1	16.0	20	127.2	-16.0	20	127.2	16.0	20			

Sezione a quota 105
Coordinate dei vertici

X	Y
100.0	-22.5
100.0	22.5
750.0	22.5
750.0	-22.5

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
110.5	-16.0	20	130.5	-16.0	20	150.5	-16.0	20	170.5	-16.0	20	190.5	-16.0	20
210.5	-16.0	20	230.5	-16.0	20	250.5	-16.0	20	270.5	-16.0	20	290.5	-16.0	20
310.5	-16.0	20	330.5	-16.0	20	350.5	-16.0	20	370.5	-16.0	20	390.5	-16.0	20
410.5	-16.0	20	430.5	-16.0	20	450.5	-16.0	20	470.5	-16.0	20	490.5	-16.0	20
510.5	-16.0	20	530.5	-16.0	20	550.5	-16.0	20	570.5	-16.0	20	590.5	-16.0	20
610.5	-16.0	20	630.5	-16.0	20	650.5	-16.0	20	670.5	-16.0	20	690.5	-16.0	20
710.5	-16.0	20	730.5	-16.0	20	110.5	16.0	20	130.5	16.0	20	150.5	16.0	20
170.5	16.0	20	190.5	16.0	20	210.5	16.0	20	230.5	16.0	20	250.5	16.0	20
270.5	16.0	20	290.5	16.0	20	310.5	16.0	20	330.5	16.0	20	350.5	16.0	20
370.5	16.0	20	390.5	16.0	20	410.5	16.0	20	430.5	16.0	20	450.5	16.0	20
470.5	16.0	20	490.5	16.0	20	510.5	16.0	20	530.5	16.0	20	550.5	16.0	20
570.5	16.0	20	590.5	16.0	20	610.5	16.0	20	630.5	16.0	20	650.5	16.0	20
670.5	16.0	20	690.5	16.0	20	710.5	16.0	20	730.5	16.0	20	107.5	-16.0	20
107.5	16.0	20	118.9	-16.0	20	118.9	16.0	20	133.2	-16.0	20	133.2	16.0	20
148.5	-16.0	20	148.5	16.0	20	740.1	-16.0	20	740.1	16.0	20	727.7	-16.0	20
727.7	16.0	20	713.3	-16.0	20	713.3	16.0	20	701.9	-16.0	20	701.9	16.0	20
174.1	-16.0	20	174.1	16.0	20	127.2	-16.0	20	127.2	16.0	20			

Sezione a quota 107
Coordinate dei vertici

X	Y
100.0	-22.5
100.0	22.5
750.0	22.5
750.0	-22.5

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
110.5	-16.0	20	130.5	-16.0	20	150.5	-16.0	20	170.5	-16.0	20	190.5	-16.0	20
210.5	-16.0	20	230.5	-16.0	20	250.5	-16.0	20	270.5	-16.0	20	290.5	-16.0	20
310.5	-16.0	20	330.5	-16.0	20	350.5	-16.0	20	370.5	-16.0	20	390.5	-16.0	20
410.5	-16.0	20	430.5	-16.0	20	450.5	-16.0	20	470.5	-16.0	20	490.5	-16.0	20
510.5	-16.0	20	530.5	-16.0	20	550.5	-16.0	20	570.5	-16.0	20	590.5	-16.0	20
610.5	-16.0	20	630.5	-16.0	20	650.5	-16.0	20	670.5	-16.0	20	690.5	-16.0	20
710.5	-16.0	20	730.5	-16.0	20	110.5	16.0	20	130.5	16.0	20	150.5	16.0	20
170.5	16.0	20	190.5	16.0	20	210.5	16.0	20	230.5	16.0	20	250.5	16.0	20
270.5	16.0	20	290.5	16.0	20	310.5	16.0	20	330.5	16.0	20	350.5	16.0	20
370.5	16.0	20	390.5	16.0	20	410.5	16.0	20	430.5	16.0	20	450.5	16.0	20
470.5	16.0	20	490.5	16.0	20	510.5	16.0	20	530.5	16.0	20	550.5	16.0	20
570.5	16.0	20	590.5	16.0	20	610.5	16.0	20	630.5	16.0	20	650.5	16.0	20
670.5	16.0	20	690.5	16.0	20	710.5	16.0	20	730.5	16.0	20	107.5	-16.0	20
107.5	16.0	20	118.9	-16.0	20	118.9	16.0	20	133.2	-16.0	20	133.2	16.0	20
148.5	-16.0	20	148.5	16.0	20	740.1	-16.0	20	740.1	16.0	20	727.7	-16.0	20
727.7	16.0	20	713.3	-16.0	20	713.3	16.0	20	701.9	-16.0	20	701.9	16.0	20
174.1	-16.0	20	174.1	16.0	20	127.2	-16.0	20	127.2	16.0	20			

Sezione a quota 185
Coordinate dei vertici

X	Y
100.0	-22.5
100.0	22.5
750.0	22.5
750.0	-22.5

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
110.5	-16.0	20	130.5	-16.0	20	150.5	-16.0	20	170.5	-16.0	20	190.5	-16.0	20
210.5	-16.0	20	230.5	-16.0	20	250.5	-16.0	20	270.5	-16.0	20	290.5	-16.0	20
310.5	-16.0	20	330.5	-16.0	20	350.5	-16.0	20	370.5	-16.0	20	390.5	-16.0	20
410.5	-16.0	20	430.5	-16.0	20	450.5	-16.0	20	470.5	-16.0	20	490.5	-16.0	20
510.5	-16.0	20	530.5	-16.0	20	550.5	-16.0	20	570.5	-16.0	20	590.5	-16.0	20
610.5	-16.0	20	630.5	-16.0	20	650.5	-16.0	20	670.5	-16.0	20	690.5	-16.0	20
710.5	-16.0	20	730.5	-16.0	20	110.5	16.0	20	130.5	16.0	20	150.5	16.0	20
170.5	16.0	20	190.5	16.0	20	210.5	16.0	20	230.5	16.0	20	250.5	16.0	20
270.5	16.0	20	290.5	16.0	20	310.5	16.0	20	330.5	16.0	20	350.5	16.0	20
370.5	16.0	20	390.5	16.0	20	410.5	16.0	20	430.5	16.0	20	450.5	16.0	20
470.5	16.0	20	490.5	16.0	20	510.5	16.0	20	530.5	16.0	20	550.5	16.0	20
570.5	16.0	20	590.5	16.0	20	610.5	16.0	20	630.5	16.0	20	650.5	16.0	20
670.5	16.0	20	690.5	16.0	20	710.5	16.0	20	730.5	16.0	20	107.5	-16.0	20
107.5	16.0	20	118.9	-16.0	20	118.9	16.0	20	133.2	-16.0	20	133.2	16.0	20
148.5	-16.0	20	148.5	16.0	20	740.1	-16.0	20	740.1	16.0	20	727.7	-16.0	20
727.7	16.0	20	713.3	-16.0	20	713.3	16.0	20	701.9	-16.0	20	701.9	16.0	20
174.1	-16.0	20	174.1	16.0	20	127.2	-16.0	20	127.2	16.0	20			

Sezione a quota 263

Coordinate dei vertici

X	Y
100.0	-22.5
100.0	22.5
750.0	22.5
750.0	-22.5

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
110.5	-16.0	20	130.5	-16.0	20	150.5	-16.0	20	170.5	-16.0	20	190.5	-16.0	20
210.5	-16.0	20	230.5	-16.0	20	250.5	-16.0	20	270.5	-16.0	20	290.5	-16.0	20
310.5	-16.0	20	330.5	-16.0	20	350.5	-16.0	20	370.5	-16.0	20	390.5	-16.0	20
410.5	-16.0	20	430.5	-16.0	20	450.5	-16.0	20	470.5	-16.0	20	490.5	-16.0	20
510.5	-16.0	20	530.5	-16.0	20	550.5	-16.0	20	570.5	-16.0	20	590.5	-16.0	20
610.5	-16.0	20	630.5	-16.0	20	650.5	-16.0	20	670.5	-16.0	20	690.5	-16.0	20
710.5	-16.0	20	730.5	-16.0	20	110.5	16.0	20	130.5	16.0	20	150.5	16.0	20
170.5	16.0	20	190.5	16.0	20	210.5	16.0	20	230.5	16.0	20	250.5	16.0	20
270.5	16.0	20	290.5	16.0	20	310.5	16.0	20	330.5	16.0	20	350.5	16.0	20
370.5	16.0	20	390.5	16.0	20	410.5	16.0	20	430.5	16.0	20	450.5	16.0	20
470.5	16.0	20	490.5	16.0	20	510.5	16.0	20	530.5	16.0	20	550.5	16.0	20
570.5	16.0	20	590.5	16.0	20	610.5	16.0	20	630.5	16.0	20	650.5	16.0	20
670.5	16.0	20	690.5	16.0	20	710.5	16.0	20	730.5	16.0	20	107.5	-16.0	20
107.5	16.0	20	118.9	-16.0	20	118.9	16.0	20	133.2	-16.0	20	133.2	16.0	20
148.5	-16.0	20	148.5	16.0	20	740.1	-16.0	20	740.1	16.0	20	727.7	-16.0	20
727.7	16.0	20	713.3	-16.0	20	713.3	16.0	20	701.9	-16.0	20	701.9	16.0	20
174.1	-16.0	20	174.1	16.0	20	127.2	-16.0	20	127.2	16.0	20			

Sezione a quota 265

Coordinate dei vertici

X	Y
100.0	-22.5
100.0	22.5
750.0	22.5
750.0	-22.5

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
110.5	-16.0	20	130.5	-16.0	20	150.5	-16.0	20	170.5	-16.0	20	190.5	-16.0	20
210.5	-16.0	20	230.5	-16.0	20	250.5	-16.0	20	270.5	-16.0	20	290.5	-16.0	20
310.5	-16.0	20	330.5	-16.0	20	350.5	-16.0	20	370.5	-16.0	20	390.5	-16.0	20
410.5	-16.0	20	430.5	-16.0	20	450.5	-16.0	20	470.5	-16.0	20	490.5	-16.0	20
510.5	-16.0	20	530.5	-16.0	20	550.5	-16.0	20	570.5	-16.0	20	590.5	-16.0	20
610.5	-16.0	20	630.5	-16.0	20	650.5	-16.0	20	670.5	-16.0	20	690.5	-16.0	20
710.5	-16.0	20	730.5	-16.0	20	110.5	16.0	20	130.5	16.0	20	150.5	16.0	20
170.5	16.0	20	190.5	16.0	20	210.5	16.0	20	230.5	16.0	20	250.5	16.0	20
270.5	16.0	20	290.5	16.0	20	310.5	16.0	20	330.5	16.0	20	350.5	16.0	20
370.5	16.0	20	390.5	16.0	20	410.5	16.0	20	430.5	16.0	20	450.5	16.0	20
470.5	16.0	20	490.5	16.0	20	510.5	16.0	20	530.5	16.0	20	550.5	16.0	20
570.5	16.0	20	590.5	16.0	20	610.5	16.0	20	630.5	16.0	20	650.5	16.0	20
670.5	16.0	20	690.5	16.0	20	710.5	16.0	20	730.5	16.0	20	107.5	-16.0	20
107.5	16.0	20	118.9	-16.0	20	118.9	16.0	20	133.2	-16.0	20	133.2	16.0	20
148.5	-16.0	20	148.5	16.0	20	740.1	-16.0	20	740.1	16.0	20	727.7	-16.0	20
727.7	16.0	20	713.3	-16.0	20	713.3	16.0	20	701.9	-16.0	20	701.9	16.0	20
174.1	-16.0	20	174.1	16.0	20	127.2	-16.0	20	127.2	16.0	20			

Sezione a quota 267

Coordinate dei vertici

X	Y
100.0	-22.5
100.0	22.5
750.0	22.5
750.0	-22.5

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
110.5	-16.0	20	130.5	-16.0	20	150.5	-16.0	20	170.5	-16.0	20	190.5	-16.0	20
210.5	-16.0	20	230.5	-16.0	20	250.5	-16.0	20	270.5	-16.0	20	290.5	-16.0	20
310.5	-16.0	20	330.5	-16.0	20	350.5	-16.0	20	370.5	-16.0	20	390.5	-16.0	20
410.5	-16.0	20	430.5	-16.0	20	450.5	-16.0	20	470.5	-16.0	20	490.5	-16.0	20
510.5	-16.0	20	530.5	-16.0	20	550.5	-16.0	20	570.5	-16.0	20	590.5	-16.0	20
610.5	-16.0	20	630.5	-16.0	20	650.5	-16.0	20	670.5	-16.0	20	690.5	-16.0	20
710.5	-16.0	20	730.5	-16.0	20	110.5	16.0	20	130.5	16.0	20	150.5	16.0	20
170.5	16.0	20	190.5	16.0	20	210.5	16.0	20	230.5	16.0	20	250.5	16.0	20
270.5	16.0	20	290.5	16.0	20	310.5	16.0	20	330.5	16.0	20	350.5	16.0	20

370.5	16.0	20	390.5	16.0	20	410.5	16.0	20	430.5	16.0	20	450.5	16.0	20
470.5	16.0	20	490.5	16.0	20	510.5	16.0	20	530.5	16.0	20	550.5	16.0	20
570.5	16.0	20	590.5	16.0	20	610.5	16.0	20	630.5	16.0	20	650.5	16.0	20
670.5	16.0	20	690.5	16.0	20	710.5	16.0	20	730.5	16.0	20	107.5	-16.0	20
107.5	16.0	20	118.9	-16.0	20	118.9	16.0	20	133.2	-16.0	20	133.2	16.0	20
148.5	-16.0	20	148.5	16.0	20	740.1	-16.0	20	740.1	16.0	20	727.7	-16.0	20
727.7	16.0	20	713.3	-16.0	20	713.3	16.0	20	701.9	-16.0	20	701.9	16.0	20
174.1	-16.0	20	174.1	16.0	20	127.2	-16.0	20	127.2	16.0	20			

Sezione a quota 269
Coordinate dei vertici

X	Y
100.0	-22.5
100.0	22.5
750.0	22.5
750.0	-22.5

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
110.5	-16.0	20	130.5	-16.0	20	150.5	-16.0	20	170.5	-16.0	20	190.5	-16.0	20
210.5	-16.0	20	230.5	-16.0	20	250.5	-16.0	20	270.5	-16.0	20	290.5	-16.0	20
310.5	-16.0	20	330.5	-16.0	20	350.5	-16.0	20	370.5	-16.0	20	390.5	-16.0	20
410.5	-16.0	20	430.5	-16.0	20	450.5	-16.0	20	470.5	-16.0	20	490.5	-16.0	20
510.5	-16.0	20	530.5	-16.0	20	550.5	-16.0	20	570.5	-16.0	20	590.5	-16.0	20
610.5	-16.0	20	630.5	-16.0	20	650.5	-16.0	20	670.5	-16.0	20	690.5	-16.0	20
710.5	-16.0	20	730.5	-16.0	20	110.5	16.0	20	130.5	16.0	20	150.5	16.0	20
170.5	16.0	20	190.5	16.0	20	210.5	16.0	20	230.5	16.0	20	250.5	16.0	20
270.5	16.0	20	290.5	16.0	20	310.5	16.0	20	330.5	16.0	20	350.5	16.0	20
370.5	16.0	20	390.5	16.0	20	410.5	16.0	20	430.5	16.0	20	450.5	16.0	20
470.5	16.0	20	490.5	16.0	20	510.5	16.0	20	530.5	16.0	20	550.5	16.0	20
570.5	16.0	20	590.5	16.0	20	610.5	16.0	20	630.5	16.0	20	650.5	16.0	20
670.5	16.0	20	690.5	16.0	20	710.5	16.0	20	730.5	16.0	20	107.5	-16.0	20
107.5	16.0	20	118.9	-16.0	20	118.9	16.0	20	133.2	-16.0	20	133.2	16.0	20
148.5	-16.0	20	148.5	16.0	20	740.1	-16.0	20	740.1	16.0	20	727.7	-16.0	20
727.7	16.0	20	713.3	-16.0	20	713.3	16.0	20	701.9	-16.0	20	701.9	16.0	20
174.1	-16.0	20	174.1	16.0	20	127.2	-16.0	20	127.2	16.0	20			

Sezione a quota 271
Coordinate dei vertici

X	Y
100.0	22.5
700.0	22.5
700.0	257.3
750.0	257.3
750.0	22.5
750.0	-22.5
100.0	-22.5

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
110.5	-16.0	20	130.5	-16.0	20	150.5	-16.0	20	170.5	-16.0	20	190.5	-16.0	20
210.5	-16.0	20	230.5	-16.0	20	250.5	-16.0	20	270.5	-16.0	20	290.5	-16.0	20
310.5	-16.0	20	330.5	-16.0	20	350.5	-16.0	20	370.5	-16.0	20	390.5	-16.0	20
410.5	-16.0	20	430.5	-16.0	20	450.5	-16.0	20	470.5	-16.0	20	490.5	-16.0	20
510.5	-16.0	20	530.5	-16.0	20	550.5	-16.0	20	570.5	-16.0	20	590.5	-16.0	20
610.5	-16.0	20	630.5	-16.0	20	650.5	-16.0	20	670.5	-16.0	20	690.5	-16.0	20
710.5	-16.0	20	730.5	-16.0	20	110.5	16.0	20	130.5	16.0	20	150.5	16.0	20
170.5	16.0	20	190.5	16.0	20	210.5	16.0	20	230.5	16.0	20	250.5	16.0	20
270.5	16.0	20	290.5	16.0	20	310.5	16.0	20	330.5	16.0	20	350.5	16.0	20
370.5	16.0	20	390.5	16.0	20	410.5	16.0	20	430.5	16.0	20	450.5	16.0	20
470.5	16.0	20	490.5	16.0	20	510.5	16.0	20	530.5	16.0	20	550.5	16.0	20
570.5	16.0	20	590.5	16.0	20	610.5	16.0	20	630.5	16.0	20	650.5	16.0	20
670.5	16.0	20	690.5	16.0	20	710.5	16.0	20	730.5	16.0	20	107.5	-16.0	20
107.5	16.0	20	118.9	-16.0	20	118.9	16.0	20	133.2	-16.0	20	133.2	16.0	20
148.5	-16.0	20	148.5	16.0	20	740.1	-16.0	20	740.1	16.0	20	727.7	-16.0	20
727.7	16.0	20	713.3	-16.0	20	713.3	16.0	20	701.9	-16.0	20	701.9	16.0	20
174.1	-16.0	20	174.1	16.0	20	127.2	-16.0	20	127.2	16.0	20			

Sezione a quota 433
Coordinate dei vertici

X	Y
100.0	22.5
700.0	22.5
700.0	216.9
750.0	216.9
750.0	22.5
750.0	-22.5
100.0	-22.5

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
110.5	-16.0	20	130.5	-16.0	20	150.5	-16.0	20	170.5	-16.0	20	190.5	-16.0	20
210.5	-16.0	20	230.5	-16.0	20	250.5	-16.0	20	270.5	-16.0	20	290.5	-16.0	20
310.5	-16.0	20	330.5	-16.0	20	350.5	-16.0	20	370.5	-16.0	20	390.5	-16.0	20
410.5	-16.0	20	430.5	-16.0	20	450.5	-16.0	20	470.5	-16.0	20	490.5	-16.0	20
510.5	-16.0	20	530.5	-16.0	20	550.5	-16.0	20	570.5	-16.0	20	590.5	-16.0	20
610.5	-16.0	20	630.5	-16.0	20	650.5	-16.0	20	670.5	-16.0	20	690.5	-16.0	20
710.5	-16.0	20	730.5	-16.0	20	110.5	16.0	20	130.5	16.0	20	150.5	16.0	20
170.5	16.0	20	190.5	16.0	20	210.5	16.0	20	230.5	16.0	20	250.5	16.0	20
270.5	16.0	20	290.5	16.0	20	310.5	16.0	20	330.5	16.0	20	350.5	16.0	20
370.5	16.0	20	390.5	16.0	20	410.5	16.0	20	430.5	16.0	20	450.5	16.0	20
470.5	16.0	20	490.5	16.0	20	510.5	16.0	20	530.5	16.0	20	550.5	16.0	20
570.5	16.0	20	590.5	16.0	20	610.5	16.0	20	630.5	16.0	20	650.5	16.0	20
670.5	16.0	20	690.5	16.0	20	710.5	16.0	20	730.5	16.0	20	107.5	-16.0	20

107.5	16.0	20	118.9	-16.0	20	118.9	16.0	20	133.2	-16.0	20	133.2	16.0	20
148.5	-16.0	20	148.5	16.0	20	740.1	-16.0	20	740.1	16.0	20	727.7	-16.0	20
727.7	16.0	20	713.3	-16.0	20	713.3	16.0	20	701.9	-16.0	20	701.9	16.0	20
174.1	-16.0	20	174.1	16.0	20	127.2	-16.0	20	127.2	16.0	20			

Sezione a quota 594
Coordinate dei vertici

X	Y
100.0	22.5
700.0	22.5
700.0	176.5
750.0	176.5
750.0	22.5
750.0	-22.5
100.0	-22.5

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
110.5	-16.0	20	130.5	-16.0	20	150.5	-16.0	20	170.5	-16.0	20	190.5	-16.0	20
210.5	-16.0	20	230.5	-16.0	20	250.5	-16.0	20	270.5	-16.0	20	290.5	-16.0	20
310.5	-16.0	20	330.5	-16.0	20	350.5	-16.0	20	370.5	-16.0	20	390.5	-16.0	20
410.5	-16.0	20	430.5	-16.0	20	450.5	-16.0	20	470.5	-16.0	20	490.5	-16.0	20
510.5	-16.0	20	530.5	-16.0	20	550.5	-16.0	20	570.5	-16.0	20	590.5	-16.0	20
610.5	-16.0	20	630.5	-16.0	20	650.5	-16.0	20	670.5	-16.0	20	690.5	-16.0	20
710.5	-16.0	20	730.5	-16.0	20	110.5	16.0	20	130.5	16.0	20	150.5	16.0	20
170.5	16.0	20	190.5	16.0	20	210.5	16.0	20	230.5	16.0	20	250.5	16.0	20
270.5	16.0	20	290.5	16.0	20	310.5	16.0	20	330.5	16.0	20	350.5	16.0	20
370.5	16.0	20	390.5	16.0	20	410.5	16.0	20	430.5	16.0	20	450.5	16.0	20
470.5	16.0	20	490.5	16.0	20	510.5	16.0	20	530.5	16.0	20	550.5	16.0	20
570.5	16.0	20	590.5	16.0	20	610.5	16.0	20	630.5	16.0	20	650.5	16.0	20
670.5	16.0	20	690.5	16.0	20	710.5	16.0	20	730.5	16.0	20			

Sezione a quota 596
Coordinate dei vertici

X	Y
100.0	22.5
700.0	22.5
700.0	176.0
750.0	176.0
750.0	22.5
750.0	-22.5
100.0	-22.5

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
110.5	-16.0	20	130.5	-16.0	20	150.5	-16.0	20	170.5	-16.0	20	190.5	-16.0	20
210.5	-16.0	20	230.5	-16.0	20	250.5	-16.0	20	270.5	-16.0	20	290.5	-16.0	20
310.5	-16.0	20	330.5	-16.0	20	350.5	-16.0	20	370.5	-16.0	20	390.5	-16.0	20
410.5	-16.0	20	430.5	-16.0	20	450.5	-16.0	20	470.5	-16.0	20	490.5	-16.0	20
510.5	-16.0	20	530.5	-16.0	20	550.5	-16.0	20	570.5	-16.0	20	590.5	-16.0	20
610.5	-16.0	20	630.5	-16.0	20	650.5	-16.0	20	670.5	-16.0	20	690.5	-16.0	20
710.5	-16.0	20	730.5	-16.0	20	110.5	16.0	20	130.5	16.0	20	150.5	16.0	20
170.5	16.0	20	190.5	16.0	20	210.5	16.0	20	230.5	16.0	20	250.5	16.0	20
270.5	16.0	20	290.5	16.0	20	310.5	16.0	20	330.5	16.0	20	350.5	16.0	20
370.5	16.0	20	390.5	16.0	20	410.5	16.0	20	430.5	16.0	20	450.5	16.0	20
470.5	16.0	20	490.5	16.0	20	510.5	16.0	20	530.5	16.0	20	550.5	16.0	20
570.5	16.0	20	590.5	16.0	20	610.5	16.0	20	630.5	16.0	20	650.5	16.0	20
670.5	16.0	20	690.5	16.0	20	710.5	16.0	20	730.5	16.0	20			

Sezione a quota 613
Coordinate dei vertici

X	Y
100.0	22.5
700.0	22.5
700.0	171.9
750.0	171.9
750.0	22.5
750.0	-22.5
100.0	-22.5

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
110.5	-16.0	20	130.5	-16.0	20	150.5	-16.0	20	170.5	-16.0	20	190.5	-16.0	20
210.5	-16.0	20	230.5	-16.0	20	250.5	-16.0	20	270.5	-16.0	20	290.5	-16.0	20
310.5	-16.0	20	330.5	-16.0	20	350.5	-16.0	20	370.5	-16.0	20	390.5	-16.0	20
410.5	-16.0	20	430.5	-16.0	20	450.5	-16.0	20	470.5	-16.0	20	490.5	-16.0	20
510.5	-16.0	20	530.5	-16.0	20	550.5	-16.0	20	570.5	-16.0	20	590.5	-16.0	20
610.5	-16.0	20	630.5	-16.0	20	650.5	-16.0	20	670.5	-16.0	20	690.5	-16.0	20
710.5	-16.0	20	730.5	-16.0	20	110.5	16.0	20	130.5	16.0	20	150.5	16.0	20
170.5	16.0	20	190.5	16.0	20	210.5	16.0	20	230.5	16.0	20	250.5	16.0	20
270.5	16.0	20	290.5	16.0	20	310.5	16.0	20	330.5	16.0	20	350.5	16.0	20
370.5	16.0	20	390.5	16.0	20	410.5	16.0	20	430.5	16.0	20	450.5	16.0	20
470.5	16.0	20	490.5	16.0	20	510.5	16.0	20	530.5	16.0	20	550.5	16.0	20
570.5	16.0	20	590.5	16.0	20	610.5	16.0	20	630.5	16.0	20	650.5	16.0	20
670.5	16.0	20	690.5	16.0	20	710.5	16.0	20	730.5	16.0	20			

Sezione a quota 629
Coordinate dei vertici

X	Y
100.0	22.5
700.0	22.5
700.0	167.8
750.0	167.8
750.0	22.5

750.0	-22.5
100.0	-22.5

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
110.5	-16.0	20	130.5	-16.0	20	150.5	-16.0	20	170.5	-16.0	20	190.5	-16.0	20
210.5	-16.0	20	230.5	-16.0	20	250.5	-16.0	20	270.5	-16.0	20	290.5	-16.0	20
310.5	-16.0	20	330.5	-16.0	20	350.5	-16.0	20	370.5	-16.0	20	390.5	-16.0	20
410.5	-16.0	20	430.5	-16.0	20	450.5	-16.0	20	470.5	-16.0	20	490.5	-16.0	20
510.5	-16.0	20	530.5	-16.0	20	550.5	-16.0	20	570.5	-16.0	20	590.5	-16.0	20
610.5	-16.0	20	630.5	-16.0	20	650.5	-16.0	20	670.5	-16.0	20	690.5	-16.0	20
710.5	-16.0	20	730.5	-16.0	20	110.5	16.0	20	130.5	16.0	20	150.5	16.0	20
170.5	16.0	20	190.5	16.0	20	210.5	16.0	20	230.5	16.0	20	250.5	16.0	20
270.5	16.0	20	290.5	16.0	20	310.5	16.0	20	330.5	16.0	20	350.5	16.0	20
370.5	16.0	20	390.5	16.0	20	410.5	16.0	20	430.5	16.0	20	450.5	16.0	20
470.5	16.0	20	490.5	16.0	20	510.5	16.0	20	530.5	16.0	20	550.5	16.0	20
570.5	16.0	20	590.5	16.0	20	610.5	16.0	20	630.5	16.0	20	650.5	16.0	20
670.5	16.0	20	690.5	16.0	20	710.5	16.0	20	730.5	16.0	20			

Sezione a quota 631

Coordinate dei vertici

X	Y
100.0	22.5
700.0	22.5
700.0	167.3
750.0	167.3
750.0	22.5
750.0	-22.5
100.0	-22.5

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
110.5	-16.0	20	130.5	-16.0	20	150.5	-16.0	20	170.5	-16.0	20	190.5	-16.0	20
210.5	-16.0	20	230.5	-16.0	20	250.5	-16.0	20	270.5	-16.0	20	290.5	-16.0	20
310.5	-16.0	20	330.5	-16.0	20	350.5	-16.0	20	370.5	-16.0	20	390.5	-16.0	20
410.5	-16.0	20	430.5	-16.0	20	450.5	-16.0	20	470.5	-16.0	20	490.5	-16.0	20
510.5	-16.0	20	530.5	-16.0	20	550.5	-16.0	20	570.5	-16.0	20	590.5	-16.0	20
610.5	-16.0	20	630.5	-16.0	20	650.5	-16.0	20	670.5	-16.0	20	690.5	-16.0	20
710.5	-16.0	20	730.5	-16.0	20	110.5	16.0	20	130.5	16.0	20	150.5	16.0	20
170.5	16.0	20	190.5	16.0	20	210.5	16.0	20	230.5	16.0	20	250.5	16.0	20
270.5	16.0	20	290.5	16.0	20	310.5	16.0	20	330.5	16.0	20	350.5	16.0	20
370.5	16.0	20	390.5	16.0	20	410.5	16.0	20	430.5	16.0	20	450.5	16.0	20
470.5	16.0	20	490.5	16.0	20	510.5	16.0	20	530.5	16.0	20	550.5	16.0	20
570.5	16.0	20	590.5	16.0	20	610.5	16.0	20	630.5	16.0	20	650.5	16.0	20
670.5	16.0	20	690.5	16.0	20	710.5	16.0	20	730.5	16.0	20			

Sezione a quota 679

Coordinate dei vertici

X	Y
100.0	22.5
700.0	22.5
700.0	155.4
750.0	155.4
750.0	22.5
750.0	-22.5
100.0	-22.5

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
110.5	-16.0	20	130.5	-16.0	20	150.5	-16.0	20	170.5	-16.0	20	190.5	-16.0	20
210.5	-16.0	20	230.5	-16.0	20	250.5	-16.0	20	270.5	-16.0	20	290.5	-16.0	20
310.5	-16.0	20	330.5	-16.0	20	350.5	-16.0	20	370.5	-16.0	20	390.5	-16.0	20
410.5	-16.0	20	430.5	-16.0	20	450.5	-16.0	20	470.5	-16.0	20	490.5	-16.0	20
510.5	-16.0	20	530.5	-16.0	20	550.5	-16.0	20	570.5	-16.0	20	590.5	-16.0	20
610.5	-16.0	20	630.5	-16.0	20	650.5	-16.0	20	670.5	-16.0	20	690.5	-16.0	20
710.5	-16.0	20	730.5	-16.0	20	110.5	16.0	20	130.5	16.0	20	150.5	16.0	20
170.5	16.0	20	190.5	16.0	20	210.5	16.0	20	230.5	16.0	20	250.5	16.0	20
270.5	16.0	20	290.5	16.0	20	310.5	16.0	20	330.5	16.0	20	350.5	16.0	20
370.5	16.0	20	390.5	16.0	20	410.5	16.0	20	430.5	16.0	20	450.5	16.0	20
470.5	16.0	20	490.5	16.0	20	510.5	16.0	20	530.5	16.0	20	550.5	16.0	20
570.5	16.0	20	590.5	16.0	20	610.5	16.0	20	630.5	16.0	20	650.5	16.0	20
670.5	16.0	20	690.5	16.0	20	710.5	16.0	20	730.5	16.0	20			

Sezione a quota 726

Coordinate dei vertici

X	Y
100.0	22.5
700.0	22.5
700.0	143.5
750.0	143.5
750.0	22.5
750.0	-22.5
100.0	-22.5

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
110.5	-16.0	20	130.5	-16.0	20	150.5	-16.0	20	170.5	-16.0	20	190.5	-16.0	20
210.5	-16.0	20	230.5	-16.0	20	250.5	-16.0	20	270.5	-16.0	20	290.5	-16.0	20
310.5	-16.0	20	330.5	-16.0	20	350.5	-16.0	20	370.5	-16.0	20	390.5	-16.0	20
410.5	-16.0	20	430.5	-16.0	20	450.5	-16.0	20	470.5	-16.0	20	490.5	-16.0	20
510.5	-16.0	20	530.5	-16.0	20	550.5	-16.0	20	570.5	-16.0	20	590.5	-16.0	20
610.5	-16.0	20	630.5	-16.0	20	650.5	-16.0	20	670.5	-16.0	20	690.5	-16.0	20
710.5	-16.0	20	730.5	-16.0	20	110.5	16.0	20	130.5	16.0	20	150.5	16.0	20
170.5	16.0	20	190.5	16.0	20	210.5	16.0	20	230.5	16.0	20	250.5	16.0	20

270.5	16.0	20	290.5	16.0	20	310.5	16.0	20	330.5	16.0	20	350.5	16.0	20
370.5	16.0	20	390.5	16.0	20	410.5	16.0	20	430.5	16.0	20	450.5	16.0	20
470.5	16.0	20	490.5	16.0	20	510.5	16.0	20	530.5	16.0	20	550.5	16.0	20
570.5	16.0	20	590.5	16.0	20	610.5	16.0	20	630.5	16.0	20	650.5	16.0	20
670.5	16.0	20	690.5	16.0	20	710.5	16.0	20	730.5	16.0	20			

Sezione a quota 728
Coordinate dei vertici

X	Y
100.0	22.5
700.0	22.5
700.0	143.0
750.0	143.0
750.0	22.5
750.0	-22.5
100.0	-22.5

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
110.5	-16.0	20	130.5	-16.0	20	150.5	-16.0	20	170.5	-16.0	20	190.5	-16.0	20
210.5	-16.0	20	230.5	-16.0	20	250.5	-16.0	20	270.5	-16.0	20	290.5	-16.0	20
310.5	-16.0	20	330.5	-16.0	20	350.5	-16.0	20	370.5	-16.0	20	390.5	-16.0	20
410.5	-16.0	20	430.5	-16.0	20	450.5	-16.0	20	470.5	-16.0	20	490.5	-16.0	20
510.5	-16.0	20	530.5	-16.0	20	550.5	-16.0	20	570.5	-16.0	20	590.5	-16.0	20
610.5	-16.0	20	630.5	-16.0	20	650.5	-16.0	20	670.5	-16.0	20	690.5	-16.0	20
710.5	-16.0	20	730.5	-16.0	20	110.5	16.0	20	130.5	16.0	20	150.5	16.0	20
170.5	16.0	20	190.5	16.0	20	210.5	16.0	20	230.5	16.0	20	250.5	16.0	20
270.5	16.0	20	290.5	16.0	20	310.5	16.0	20	330.5	16.0	20	350.5	16.0	20
370.5	16.0	20	390.5	16.0	20	410.5	16.0	20	430.5	16.0	20	450.5	16.0	20
470.5	16.0	20	490.5	16.0	20	510.5	16.0	20	530.5	16.0	20	550.5	16.0	20
570.5	16.0	20	590.5	16.0	20	610.5	16.0	20	630.5	16.0	20	650.5	16.0	20
670.5	16.0	20	690.5	16.0	20	710.5	16.0	20	730.5	16.0	20			

Sezione a quota 729
Coordinate dei vertici

X	Y
100.0	22.5
700.0	22.5
700.0	142.9
750.0	142.9
750.0	22.5
750.0	-22.5
100.0	-22.5

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
110.5	-16.0	20	130.5	-16.0	20	150.5	-16.0	20	170.5	-16.0	20	190.5	-16.0	20
210.5	-16.0	20	230.5	-16.0	20	250.5	-16.0	20	270.5	-16.0	20	290.5	-16.0	20
310.5	-16.0	20	330.5	-16.0	20	350.5	-16.0	20	370.5	-16.0	20	390.5	-16.0	20
410.5	-16.0	20	430.5	-16.0	20	450.5	-16.0	20	470.5	-16.0	20	490.5	-16.0	20
510.5	-16.0	20	530.5	-16.0	20	550.5	-16.0	20	570.5	-16.0	20	590.5	-16.0	20
610.5	-16.0	20	630.5	-16.0	20	650.5	-16.0	20	670.5	-16.0	20	690.5	-16.0	20
710.5	-16.0	20	730.5	-16.0	20	110.5	16.0	20	130.5	16.0	20	150.5	16.0	20
170.5	16.0	20	190.5	16.0	20	210.5	16.0	20	230.5	16.0	20	250.5	16.0	20
270.5	16.0	20	290.5	16.0	20	310.5	16.0	20	330.5	16.0	20	350.5	16.0	20
370.5	16.0	20	390.5	16.0	20	410.5	16.0	20	430.5	16.0	20	450.5	16.0	20
470.5	16.0	20	490.5	16.0	20	510.5	16.0	20	530.5	16.0	20	550.5	16.0	20
570.5	16.0	20	590.5	16.0	20	610.5	16.0	20	630.5	16.0	20	650.5	16.0	20
670.5	16.0	20	690.5	16.0	20	710.5	16.0	20	730.5	16.0	20			

Sezione a quota 729
Coordinate dei vertici

X	Y
100.0	22.5
700.0	22.5
700.0	142.8
750.0	142.8
750.0	22.5
750.0	-22.5
100.0	-22.5

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
110.5	-16.0	20	130.5	-16.0	20	150.5	-16.0	20	170.5	-16.0	20	190.5	-16.0	20
210.5	-16.0	20	230.5	-16.0	20	250.5	-16.0	20	270.5	-16.0	20	290.5	-16.0	20
310.5	-16.0	20	330.5	-16.0	20	350.5	-16.0	20	370.5	-16.0	20	390.5	-16.0	20
410.5	-16.0	20	430.5	-16.0	20	450.5	-16.0	20	470.5	-16.0	20	490.5	-16.0	20
510.5	-16.0	20	530.5	-16.0	20	550.5	-16.0	20	570.5	-16.0	20	590.5	-16.0	20
610.5	-16.0	20	630.5	-16.0	20	650.5	-16.0	20	670.5	-16.0	20	690.5	-16.0	20
710.5	-16.0	20	730.5	-16.0	20	110.5	16.0	20	130.5	16.0	20	150.5	16.0	20
170.5	16.0	20	190.5	16.0	20	210.5	16.0	20	230.5	16.0	20	250.5	16.0	20
270.5	16.0	20	290.5	16.0	20	310.5	16.0	20	330.5	16.0	20	350.5	16.0	20
370.5	16.0	20	390.5	16.0	20	410.5	16.0	20	430.5	16.0	20	450.5	16.0	20
470.5	16.0	20	490.5	16.0	20	510.5	16.0	20	530.5	16.0	20	550.5	16.0	20
570.5	16.0	20	590.5	16.0	20	610.5	16.0	20	630.5	16.0	20	650.5	16.0	20
670.5	16.0	20	690.5	16.0	20	710.5	16.0	20	730.5	16.0	20			

Sezione a quota 731
Coordinate dei vertici

X	Y
100.0	22.5
700.0	22.5
700.0	142.3
750.0	142.3

750.0	22.5
750.0	-22.5
100.0	-22.5

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
110.5	-16.0	20	130.5	-16.0	20	150.5	-16.0	20	170.5	-16.0	20	190.5	-16.0	20
210.5	-16.0	20	230.5	-16.0	20	250.5	-16.0	20	270.5	-16.0	20	290.5	-16.0	20
310.5	-16.0	20	330.5	-16.0	20	350.5	-16.0	20	370.5	-16.0	20	390.5	-16.0	20
410.5	-16.0	20	430.5	-16.0	20	450.5	-16.0	20	470.5	-16.0	20	490.5	-16.0	20
510.5	-16.0	20	530.5	-16.0	20	550.5	-16.0	20	570.5	-16.0	20	590.5	-16.0	20
610.5	-16.0	20	630.5	-16.0	20	650.5	-16.0	20	670.5	-16.0	20	690.5	-16.0	20
710.5	-16.0	20	730.5	-16.0	20	110.5	16.0	20	130.5	16.0	20	150.5	16.0	20
170.5	16.0	20	190.5	16.0	20	210.5	16.0	20	230.5	16.0	20	250.5	16.0	20
270.5	16.0	20	290.5	16.0	20	310.5	16.0	20	330.5	16.0	20	350.5	16.0	20
370.5	16.0	20	390.5	16.0	20	410.5	16.0	20	430.5	16.0	20	450.5	16.0	20
470.5	16.0	20	490.5	16.0	20	510.5	16.0	20	530.5	16.0	20	550.5	16.0	20
570.5	16.0	20	590.5	16.0	20	610.5	16.0	20	630.5	16.0	20	650.5	16.0	20
670.5	16.0	20	690.5	16.0	20	710.5	16.0	20	730.5	16.0	20			

Sezione a quota 951

Coordinate dei vertici

X	Y
100.0	22.5
700.0	22.5
700.0	87.3
750.0	87.3
750.0	22.5
750.0	-22.5
100.0	-22.5

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
110.5	-16.0	20	130.5	-16.0	20	150.5	-16.0	20	170.5	-16.0	20	190.5	-16.0	20
210.5	-16.0	20	230.5	-16.0	20	250.5	-16.0	20	270.5	-16.0	20	290.5	-16.0	20
310.5	-16.0	20	330.5	-16.0	20	350.5	-16.0	20	370.5	-16.0	20	390.5	-16.0	20
410.5	-16.0	20	430.5	-16.0	20	450.5	-16.0	20	470.5	-16.0	20	490.5	-16.0	20
510.5	-16.0	20	530.5	-16.0	20	550.5	-16.0	20	570.5	-16.0	20	590.5	-16.0	20
610.5	-16.0	20	630.5	-16.0	20	650.5	-16.0	20	670.5	-16.0	20	690.5	-16.0	20
710.5	-16.0	20	730.5	-16.0	20	110.5	16.0	20	130.5	16.0	20	150.5	16.0	20
170.5	16.0	20	190.5	16.0	20	210.5	16.0	20	230.5	16.0	20	250.5	16.0	20
270.5	16.0	20	290.5	16.0	20	310.5	16.0	20	330.5	16.0	20	350.5	16.0	20
370.5	16.0	20	390.5	16.0	20	410.5	16.0	20	430.5	16.0	20	450.5	16.0	20
470.5	16.0	20	490.5	16.0	20	510.5	16.0	20	530.5	16.0	20	550.5	16.0	20
570.5	16.0	20	590.5	16.0	20	610.5	16.0	20	630.5	16.0	20	650.5	16.0	20
670.5	16.0	20	690.5	16.0	20	710.5	16.0	20	730.5	16.0	20			

Sezione a quota 1171

Coordinate dei vertici

X	Y
100.0	-22.5
100.0	22.5
750.0	22.5
750.0	-22.5

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
110.5	-16.0	20	130.5	-16.0	20	150.5	-16.0	20	170.5	-16.0	20	190.5	-16.0	20
210.5	-16.0	20	230.5	-16.0	20	250.5	-16.0	20	270.5	-16.0	20	290.5	-16.0	20
310.5	-16.0	20	330.5	-16.0	20	350.5	-16.0	20	370.5	-16.0	20	390.5	-16.0	20
410.5	-16.0	20	430.5	-16.0	20	450.5	-16.0	20	470.5	-16.0	20	490.5	-16.0	20
510.5	-16.0	20	530.5	-16.0	20	550.5	-16.0	20	570.5	-16.0	20	590.5	-16.0	20
610.5	-16.0	20	630.5	-16.0	20	650.5	-16.0	20	670.5	-16.0	20	690.5	-16.0	20
710.5	-16.0	20	730.5	-16.0	20	110.5	16.0	20	130.5	16.0	20	150.5	16.0	20
170.5	16.0	20	190.5	16.0	20	210.5	16.0	20	230.5	16.0	20	250.5	16.0	20
270.5	16.0	20	290.5	16.0	20	310.5	16.0	20	330.5	16.0	20	350.5	16.0	20
370.5	16.0	20	390.5	16.0	20	410.5	16.0	20	430.5	16.0	20	450.5	16.0	20
470.5	16.0	20	490.5	16.0	20	510.5	16.0	20	530.5	16.0	20	550.5	16.0	20
570.5	16.0	20	590.5	16.0	20	610.5	16.0	20	630.5	16.0	20	650.5	16.0	20
670.5	16.0	20	690.5	16.0	20	710.5	16.0	20	730.5	16.0	20			

Sezione a quota 1173

Coordinate dei vertici

X	Y
100.0	-22.5
100.0	22.5
750.0	22.5
750.0	-22.5

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
110.5	-16.0	20	130.5	-16.0	20	150.5	-16.0	20	170.5	-16.0	20	190.5	-16.0	20
210.5	-16.0	20	230.5	-16.0	20	250.5	-16.0	20	270.5	-16.0	20	290.5	-16.0	20
310.5	-16.0	20	330.5	-16.0	20	350.5	-16.0	20	370.5	-16.0	20	390.5	-16.0	20
410.5	-16.0	20	430.5	-16.0	20	450.5	-16.0	20	470.5	-16.0	20	490.5	-16.0	20
510.5	-16.0	20	530.5	-16.0	20	550.5	-16.0	20	570.5	-16.0	20	590.5	-16.0	20
610.5	-16.0	20	630.5	-16.0	20	650.5	-16.0	20	670.5	-16.0	20	690.5	-16.0	20
710.5	-16.0	20	730.5	-16.0	20	110.5	16.0	20	130.5	16.0	20	150.5	16.0	20
170.5	16.0	20	190.5	16.0	20	210.5	16.0	20	230.5	16.0	20	250.5	16.0	20
270.5	16.0	20	290.5	16.0	20	310.5	16.0	20	330.5	16.0	20	350.5	16.0	20
370.5	16.0	20	390.5	16.0	20	410.5	16.0	20	430.5	16.0	20	450.5	16.0	20
470.5	16.0	20	490.5	16.0	20	510.5	16.0	20	530.5	16.0	20	550.5	16.0	20
570.5	16.0	20	590.5	16.0	20	610.5	16.0	20	630.5	16.0	20	650.5	16.0	20
670.5	16.0	20	690.5	16.0	20	710.5	16.0	20	730.5	16.0	20			

Sezione a quota 1236
Coordinate dei vertici

X	Y
100.0	-22.5
100.0	22.5
750.0	22.5
750.0	-22.5

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
110.5	-16.0	20	130.5	-16.0	20	150.5	-16.0	20	170.5	-16.0	20	190.5	-16.0	20
210.5	-16.0	20	230.5	-16.0	20	250.5	-16.0	20	270.5	-16.0	20	290.5	-16.0	20
310.5	-16.0	20	330.5	-16.0	20	350.5	-16.0	20	370.5	-16.0	20	390.5	-16.0	20
410.5	-16.0	20	430.5	-16.0	20	450.5	-16.0	20	470.5	-16.0	20	490.5	-16.0	20
510.5	-16.0	20	530.5	-16.0	20	550.5	-16.0	20	570.5	-16.0	20	590.5	-16.0	20
610.5	-16.0	20	630.5	-16.0	20	650.5	-16.0	20	670.5	-16.0	20	690.5	-16.0	20
710.5	-16.0	20	730.5	-16.0	20	110.5	16.0	20	130.5	16.0	20	150.5	16.0	20
170.5	16.0	20	190.5	16.0	20	210.5	16.0	20	230.5	16.0	20	250.5	16.0	20
270.5	16.0	20	290.5	16.0	20	310.5	16.0	20	330.5	16.0	20	350.5	16.0	20
370.5	16.0	20	390.5	16.0	20	410.5	16.0	20	430.5	16.0	20	450.5	16.0	20
470.5	16.0	20	490.5	16.0	20	510.5	16.0	20	530.5	16.0	20	550.5	16.0	20
570.5	16.0	20	590.5	16.0	20	610.5	16.0	20	630.5	16.0	20	650.5	16.0	20
670.5	16.0	20	690.5	16.0	20	710.5	16.0	20	730.5	16.0	20			

Sezione a quota 1299
Coordinate dei vertici

X	Y
100.0	-22.5
100.0	22.5
750.0	22.5
750.0	-22.5

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
110.5	-16.0	20	130.5	-16.0	20	150.5	-16.0	20	170.5	-16.0	20	190.5	-16.0	20
210.5	-16.0	20	230.5	-16.0	20	250.5	-16.0	20	270.5	-16.0	20	290.5	-16.0	20
310.5	-16.0	20	330.5	-16.0	20	350.5	-16.0	20	370.5	-16.0	20	390.5	-16.0	20
410.5	-16.0	20	430.5	-16.0	20	450.5	-16.0	20	470.5	-16.0	20	490.5	-16.0	20
510.5	-16.0	20	530.5	-16.0	20	550.5	-16.0	20	570.5	-16.0	20	590.5	-16.0	20
610.5	-16.0	20	630.5	-16.0	20	650.5	-16.0	20	670.5	-16.0	20	690.5	-16.0	20
710.5	-16.0	20	730.5	-16.0	20	110.5	16.0	20	130.5	16.0	20	150.5	16.0	20
170.5	16.0	20	190.5	16.0	20	210.5	16.0	20	230.5	16.0	20	250.5	16.0	20
270.5	16.0	20	290.5	16.0	20	310.5	16.0	20	330.5	16.0	20	350.5	16.0	20
370.5	16.0	20	390.5	16.0	20	410.5	16.0	20	430.5	16.0	20	450.5	16.0	20
470.5	16.0	20	490.5	16.0	20	510.5	16.0	20	530.5	16.0	20	550.5	16.0	20
570.5	16.0	20	590.5	16.0	20	610.5	16.0	20	630.5	16.0	20	650.5	16.0	20
670.5	16.0	20	690.5	16.0	20	710.5	16.0	20	730.5	16.0	20			

Verifica eseguita con comportamento non dissipativo
Le condizioni sismiche sono state moltiplicate per i rispettivi fattori di struttura

fcd	fctd	Hcr	q.Hcr	hw	Lw	n.p.	hs
212	16	350	315	1335	650	10	158

Verifica a pressoflessione

quota	Mxd	Myd	Ned	Ngrav.	NReale	c.s.	comb
-4	4911427	11856540	-95477	-95477	-95477	4.8319	7 SLU
-4	4468317	-122989000	73184	-79093	73184	2.0021	1 SLV
51	4020539	11773440	-89164	-89164	-89164	6.0279	7 SLU
51	3475531	-112691800	79139	-74237	79139	2.2120	1 SLV
105	2916554	12124690	-84375	-84375	-84375	8.7071	7 SLU
105	2651053	-101873700	81349	-70553	81349	2.4213	1 SLV
107	2884246	12128400	-84375	-84375	-84375	8.8287	7 SLU
107	2614184	-101487800	81349	-70553	81349	2.4302	1 SLV
185	1663508	12201630	-80976	-80976	-80976	16.6454	8 SLU
185	1193613	-86811930	84949	-65610	84949	2.7890	1 SLV
263	413127	12209430	-74402	-74402	-74402	40.8273	8 SLU
263	-196496	-72214710	91001	-60553	91001	3.1837	1 SLV
265	380999	12212560	-74402	-74402	-74402	41.9343	8 SLU
265	-229476	-72053660	89377	-60553	89377	3.2038	1 SLV
267	348859	12215700	-74402	-74402	-74402	43.0921	8 SLU
267	-264230	-71676980	89377	-60553	89377	3.2163	1 SLV
269	316717	12218850	-74402	-74402	-74402	44.2904	8 SLU
269	-298222	-71298670	89384	-60553	89384	3.2290	1 SLV
271	466105	10845390	-79024	-79024	-79024	52.6633	8 SLU
271	-124766	-66945680	102583	-62521	102583	3.2632	1 SLV
433	552050	9457713	-69729	-69729	-69729	56.6771	8 SLU
433	-121550	-40396060	100892	-54112	100892	3.7203	1 SLV
594	833289	8392417	-56742	-56742	-56742	57.6652	8 SLU
594	50972	-19388580	89009	-43450	89009	5.1326	1 SLV
596	835637	8389911	-56742	-56742	-56742	57.5509	8 SLU
596	59467	-19042420	89009	-43450	89009	5.1729	1 SLV
613	846420	8139258	-53875	-53875	-53875	57.7908	8 SLU
613	92964	-16315230	91190	-41244	91190	5.4296	1 SLV
629	856191	8236690	-50311	-50311	-50311	56.1298	8 SLU
629	131729	-13427110	93377	-38503	93377	5.7335	1 SLV
631	858539	8234184	-50311	-50311	-50311	56.0399	8 SLU
631	139100	-13081510	93377	-38503	93377	5.7827	1 SLV
679	873016	7550681	-46160	-46160	-46160	57.8877	8 SLU
679	656732	-10932080	84496	-34984	84496	6.5778	1 SLV
726	1055053	7559624	-38081	-38081	-38081	48.1067	5 SLU
726	1267785	1075618	77544	-32143	77544	7.9183	5 SLV

728	1062386	7581136	-38081	-38081	-38081	47.7649	5	SLU
728	1285170	1215711	77544	-32143	77544	7.8602	5	SLV
729	1064220	7586514	-38081	-38081	-38081	47.6800	5	SLU
729	1289517	1250734	77544	-32143	77544	7.8458	5	SLV
729	1066053	7591892	-38081	-38081	-38081	47.5952	5	SLU
729	1293863	1285757	77544	-32143	77544	7.8314	5	SLV
731	-810385	3753666	-24418	-24418	-24418	24.9177	6	SLU
731	-405752	-12061930	81894	-21749	81894	6.4144	1	SLV
951	-366277	-458714	-24976	-24976	-24976	107.7922	5	SLU
951	-1212028	-10268040	15026	-20696	15026	8.2580	5	SLV
1171	-107881	-264256	-12709	-12709	-12709	318.7180	7	SLU
1171	-1043910	-1433144	4531	-10123	4531	12.5613	5	SLV
1173	-83962	-719202	-12130	-12130	-12130	317.7368	5	SLU
1173	-1050206	-4207749	-2914	-9420	-2914	12.9385	5	SLV
1236	-30760	-300375	-7424	-7424	-7424	656.8885	5	SLU
1236	-501606	-3869035	788	-5574	788	23.0675	10	SLV
1299	-8451	451897	-1711	-1711	-1711	1112.5040	5	SLU
1299	-11879	-7851345	10885	-1179	10885	20.7720	16	SLV

Verifica compressione del diagonale

quota	epsilon	VEd	Vrcd	comb	
-4	1.00	-7049	1256676	5	SLU
-4	1.00	-195313	1238153	1	SLV
51	1.00	-7049	1255413	5	SLU
51	1.00	-194800	1238153	1	SLV
105	1.00	-7001	1254455	5	SLU
105	1.00	-192937	1238153	1	SLV
107	1.00	-7001	1254455	5	SLU
107	1.00	-192937	1238153	1	SLV
185	1.00	-6945	1253170	5	SLU
185	1.00	-190904	1238153	1	SLV
263	1.00	-6878	1251855	5	SLU
263	1.00	-187924	1238153	1	SLV
265	1.00	-6873	1251855	5	SLU
265	1.00	-188342	1238153	1	SLV
267	1.00	-6873	1251855	5	SLU
267	1.00	-188342	1238153	1	SLV
269	1.00	-6868	1251855	5	SLU
269	1.00	-188173	1238153	1	SLV
271	1.00	-6012	1252732	5	SLU
271	1.00	-189237	1238153	1	SLV
433	1.00	-5168	1250963	5	SLU
433	1.00	-181459	1238153	1	SLV
594	1.00	-3409	1248534	5	SLU
594	1.00	-173079	1238153	1	SLV
596	1.00	-3409	1248534	5	SLU
596	1.00	-173079	1238153	1	SLV
613	1.00	-3409	1247960	5	SLU
613	1.00	-172881	1238153	1	SLV
629	1.00	-3409	1247247	5	SLU
629	1.00	-172804	1238153	1	SLV
631	1.00	-3409	1247247	5	SLU
631	1.00	-172804	1238153	1	SLV
679	1.00	-10784	1246507	5	SLU
679	1.00	-177495	1238153	1	SLV
726	1.00	-10756	1245769	5	SLU
726	1.00	-176523	1238153	1	SLV
728	1.00	-10756	1245769	5	SLU
728	1.00	-176523	1238153	1	SLV
729	1.00	-10756	1245769	5	SLU
729	1.00	-176523	1238153	1	SLV
729	1.00	-10756	1245769	5	SLU
729	1.00	-176523	1238153	1	SLV
731	1.00	-14758	1242686	5	SLU
731	1.00	-123209	1238153	1	SLV
951	1.00	-12687	1243148	5	SLU
951	1.00	-111425	1238153	1	SLV
1171	1.00	-13367	1240676	5	SLU
1171	1.00	-98921	1238598	1	SLV
1173	1.00	-13371	1240578	5	SLU
1173	1.00	-92682	1240549	1	SLV
1236	1.00	-13541	1239637	5	SLU
1236	1.00	-89347	1241574	1	SLV
1299	1.00	-13532	1238495	5	SLU
1299	1.00	-88985	1240801	1	SLV

Verifica trazione del diagonale

quota	alfaS	At	roh	rov	MEd	NEd	VEd	VRsd	comb	
-4	0.00	263.9	0.0061	0.0090	8486540	-92616	-7049	562009	5	SLU
-4	0.00	263.9	0.0061	0.0090	-122989000	73184	-195313	562009	1	SLV
51	0.00	263.9	0.0070	0.0090	8689169	-86303	-7049	639305	5	SLU
51	0.00	263.9	0.0070	0.0090	-112691800	79139	-194800	639305	1	SLV
105	0.00	263.9	0.0070	0.0090	9322341	-81513	-7001	639305	5	SLU
105	0.00	263.9	0.0070	0.0090	-101873700	81349	-192937	639305	1	SLV
107	0.00	263.9	0.0070	0.0090	9336344	-81513	-7001	639305	5	SLU
107	0.00	263.9	0.0070	0.0090	-101487800	81349	-192937	639305	1	SLV
185	0.00	263.9	0.0070	0.0090	9762555	-75088	-6945	639305	5	SLU
185	0.00	263.9	0.0070	0.0090	-86811930	84949	-190904	639305	1	SLV
263	0.00	263.9	0.0070	0.0090	10189940	-68514	-6878	639305	5	SLU
263	0.00	263.9	0.0070	0.0090	-72214710	91001	-187924	639305	1	SLV
265	0.00	263.9	0.0070	0.0090	10203700	-68514	-6873	639305	5	SLU
265	0.00	263.9	0.0070	0.0090	-72053660	89377	-188342	639305	1	SLV
267	0.00	263.9	0.0070	0.0090	10217440	-68514	-6873	639305	5	SLU
267	0.00	263.9	0.0070	0.0090	-71676980	89377	-188342	639305	1	SLV

269	0.00	263.9	0.0070	0.0090	10231190	-68514	-6868	639305	5	SLU
269	0.00	263.9	0.0070	0.0090	-71298670	89384	-188173	639305	1	SLV
271	0.00	263.9	0.0070	0.0090	8940316	-72897	-6012	639305	5	SLU
271	0.00	263.9	0.0070	0.0090	-66945680	102583	-189237	639305	1	SLV
433	0.00	237.7	0.0070	0.0081	8253836	-64054	-5168	639305	5	SLU
433	0.00	237.7	0.0070	0.0081	-40396060	100892	-181459	639305	1	SLV
594	0.00	201.1	0.0070	0.0069	7719881	-51906	-3409	639305	5	SLU
594	0.00	201.1	0.0070	0.0069	-19388580	89009	-173079	639305	1	SLV
596	0.00	201.1	0.0070	0.0069	7726699	-51906	-3409	639305	5	SLU
596	0.00	201.1	0.0070	0.0069	-19042420	89009	-173079	639305	1	SLV
613	0.00	201.1	0.0070	0.0069	7552971	-49038	-3409	639305	5	SLU
613	0.00	201.1	0.0070	0.0069	-16315230	91190	-172881	639305	1	SLV
629	0.00	201.1	0.0070	0.0069	7727327	-45474	-3409	639305	5	SLU
629	0.00	201.1	0.0070	0.0069	-13427110	93377	-172804	639305	1	SLV
631	0.00	201.1	0.0070	0.0069	7734145	-45474	-3409	639305	5	SLU
631	0.00	201.1	0.0070	0.0069	-13081510	93377	-172804	639305	1	SLV
679	0.00	201.1	0.0070	0.0069	7083198	-41774	-10784	639305	5	SLU
679	0.00	201.1	0.0070	0.0069	-10932080	84496	-177495	639305	1	SLV
726	0.00	201.1	0.0070	0.0069	7559624	-38081	-10756	639305	5	SLU
726	0.00	201.1	0.0070	0.0069	-2749946	87363	-176523	639305	1	SLV
728	0.00	201.1	0.0070	0.0069	7581136	-38081	-10756	639305	5	SLU
728	0.00	201.1	0.0070	0.0069	-2396901	87363	-176523	639305	1	SLV
729	0.00	201.1	0.0070	0.0069	7586514	-38081	-10756	639305	5	SLU
729	0.00	201.1	0.0070	0.0069	-2308640	87363	-176523	639305	1	SLV
729	0.00	201.1	0.0070	0.0069	7591892	-38081	-10756	639305	5	SLU
729	0.00	201.1	0.0070	0.0069	-2220379	87363	-176523	639305	1	SLV
731	0.00	201.1	0.0070	0.0069	3541162	-22670	-14758	639305	5	SLU
731	0.00	201.1	0.0070	0.0069	-12061930	81894	-123209	639305	1	SLV
951	0.00	201.1	0.0070	0.0069	-458714	-24976	-12687	639305	5	SLU
951	0.00	201.1	0.0070	0.0069	-10064640	15176	-111425	639305	1	SLV
1171	0.00	201.1	0.0070	0.0069	-148774	-12615	-13367	639305	5	SLU
1171	0.00	201.1	0.0070	0.0069	3118391	-2229	-98921	639305	1	SLV
1173	0.00	201.1	0.0070	0.0069	-719202	-12130	-13371	639305	5	SLU
1173	0.00	201.1	0.0070	0.0069	-274512	-11984	-92682	639305	1	SLV
1236	0.00	201.1	0.0070	0.0069	-300375	-7424	-13541	639305	5	SLU
1236	0.00	201.1	0.0070	0.0069	2682483	-17109	-89347	639305	1	SLV
1299	0.00	201.1	0.0070	0.0069	451897	-1711	-13532	639305	5	SLU
1299	0.00	201.1	0.0070	0.0069	8440603	-13243	-88985	639305	1	SLV

Parete O

Parete fra le coordinate in pianta (-725;945) (-725;-895)
da quota -155 a quota 1300
Valori in daN, cm
C35/45_1: rck 450
fyk 4500

Verifica di stato limite ultimo

nod	sez	B	H	Af+	Af-	c+	c-	c.s.	comb	N	M	Nu	Mu
1603	o	150	50	45.6	45.6	6.5	6.5	1.007	13 SLV	-19909	-7512279	-20056	-7567719
	v	150	50	22.6	22.6	8.5	8.5	3.470	15 SLV	3635	-984618	12616	-3417099
1734	o	150	50	89.5	89.5	6.5	6.5	1.028	14 SLV	-31284	-13794040	-32165	-14182140
	v	150	50	22.6	22.6	8.5	8.5	1.336	13 SLV	1584	-2715509	2116	-3627386
1745	o	150	50	75.4	75.4	6.5	6.5	1.191	14 SLV	-31986	-10281720	-38106	-12248830
	v	150	50	22.6	22.6	8.5	8.5	4.019	13 SLV	2218	-868871	8915	-3491739

Combinazione rara

nod	sez	B	H	Af+	Af-	c+	c-	sc	c	N	M	sf	c	N	M	Wk(mm)	Wlim	st	Sm(mm)	c
1603	o	150	50	45.6	45.6	6.5	6.5	-68.6	1 ra	-3.59E04	-3.60E06	1692.8	1 ra	-3.59E04	-3.60E06	0.06999.00	0.0	138.8	1	ra
	v	150	50	22.6	22.6	8.5	8.5	-11.3	1 ra	-1.05E04	-4.00E05	249.2	1 ra	-1.05E04	-4.00E05	0.00999.00	4.8	0.0	1	ra
1734	o	150	50	89.5	89.5	6.5	6.5	-89.2	1 ra	-5.17E04	-6.69E06	1723.6	1 ra	-5.17E04	-6.69E06	0.04999.00	0.0	66.4	1	ra
	v	150	50	22.6	22.6	8.5	8.5	-37.6	1 ra	-1.54E04	-1.29E06	1189.1	1 ra	-1.54E04	-1.29E06	0.00999.00	17.8	0.0	1	ra
1745	o	150	50	75.4	75.4	6.5	6.5	-74.7	1 ra	-5.15E04	-5.04E06	1456.7	1 ra	-5.15E04	-5.04E06	0.08999.00	0.0	163.6	1	ra
	v	150	50	22.6	22.6	8.5	8.5	-12.0	1 ra	-1.49E04	-4.38E05	344.0	1 ra	-6.45E03	-4.11E05	0.00999.00	5.4	0.0	1	ra

Combinazione frequente

nod	sez	B	H	Af+	Af-	c+	c-	sc	c	N	M	sf	c	N	M	Wk(mm)	Wklim	st	Sm(mm)	c
1603	o	150	50	45.6	45.6	6.5	6.5	-68.6	1 fr	-3.59E04	-3.60E06	1692.8	1 fr	-3.59E04	-3.60E06	0.06	0.20	0.0	138.8	1 fr
	v	150	50	22.6	22.6	8.5	8.5	-11.3	1 fr	-1.05E04	-4.00E05	249.2	1 fr	-1.05E04	-4.00E05	0.00	0.20	4.8	0.0	1 fr
1734	o	150	50	89.5	89.5	6.5	6.5	-89.2	1 fr	-5.17E04	-6.69E06	1723.6	1 fr	-5.17E04	-6.69E06	0.04	0.20	0.0	66.4	1 fr
	v	150	50	22.6	22.6	8.5	8.5	-37.6	1 fr	-1.54E04	-1.29E06	1189.1	1 fr	-1.54E04	-1.29E06	0.00	0.20	17.8	0.0	1 fr
1745	o	150	50	75.4	75.4	6.5	6.5	-74.7	1 fr	-5.15E04	-5.04E06	1456.7	1 fr	-5.15E04	-5.04E06	0.08	0.20	0.0	163.6	1 fr
	v	150	50	22.6	22.6	8.5	8.5	-12.0	1 fr	-1.49E04	-4.38E05	344.0	1 fr	-6.45E03	-4.11E05	0.00	0.20	5.4	0.0	1 fr

Combinazione quasi permanente

nod	sez	B	H	Af+	Af-	c+	c-	sc	c	N	M	sf	c	N	M	Wk(mm)	Wklim	st	Sm(mm)	c
1603	o	150	50	45.6	45.6	6.5	6.5	-56.8	3 q.	-3.25E04	-2.97E06	1367.5	3 q.	-3.25E04	-2.97E06	0.05	0.20	0.0	138.0	3 q.
	v	150	50	22.6	22.6	8.5	8.5	-9.0	3 q.	-9.02E03	-3.20E05	187.4	3 q.	-9.02E03	-3.20E05	0.00	0.20	3.7	0.0	1 q.
1734	o	150	50	89.5	89.5	6.5	6.5	-73.7	4 q.	-4.70E04	-5.50E06	1398.3	3 q.	-4.64E04	-5.50E06	0.03	0.20	0.0	66.1	3 q.
	v	150	50	22.6	22.6	8.5	8.5	-31.0	3 q.	-1.33E04	-1.07E06	968.2	3 q.	-1.33E04	-1.07E06	0.00	0.20	14.6	0.0	1 q.
1745	o	150	50	75.4	75.4	6.5	6.5	-62.0	4 q.	-4.73E04	-4.16E06	1177.3	3 q.	-4.67E04	-4.16E06	0.06	0.20	0.0	163.1	3 q.
	v	150	50	22.6	22.6	8.5	8.5	-10.4	3 q.	-1.33E04	-3.79E05	279.5	3 q.	-5.59E03	-3.40E05	0.00	0.20	4.5	0.0	1 q.

Verifica dei pannelli

Pannello : Pannello da Filo 106 a Filo 112

Sezione a quota -4
Coordinate dei vertici

X	Y
-945.0	25.0
-945.0	125.0
-900.0	125.0

X	Y
-900.0	25.0
45.0	25.0
45.0	125.0
85.0	125.0
85.0	25.0
895.0	25.0
895.0	-25.0
85.0	-25.0
85.0	-125.0
45.0	-125.0
45.0	-25.0
-945.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-345.0	-18.5	20	-325.0	-18.5	20	-305.0	-18.5	20	-285.0	-18.5	20	-265.0	-18.5	20
-245.0	-18.5	20	-225.0	-18.5	20	-205.0	-18.5	20	-185.0	-18.5	20	-165.0	-18.5	20
-145.0	-18.5	20	-125.0	-18.5	20	-105.0	-18.5	20	-85.0	-18.5	20	-65.0	-18.5	20
-45.0	-18.5	20	-25.0	-18.5	20	-5.0	-18.5	20	15.0	-18.5	20	35.0	-18.5	20
55.0	-18.5	20	75.0	-18.5	20	95.0	-18.5	20	115.0	-18.5	20	135.0	-18.5	20
155.0	-18.5	20	175.0	-18.5	20	195.0	-18.5	20	215.0	-18.5	20	235.0	-18.5	20
255.0	-18.5	20	275.0	-18.5	20	295.0	-18.5	20	315.0	-18.5	20	335.0	-18.5	20
355.0	-18.5	20	375.0	-18.5	20	395.0	-18.5	20	415.0	-18.5	20	435.0	-18.5	20
455.0	-18.5	20	475.0	-18.5	20	495.0	-18.5	20	515.0	-18.5	20	535.0	-18.5	20
555.0	-18.5	20	575.0	-18.5	20	595.0	-18.5	20	615.0	-18.5	20	635.0	-18.5	20
655.0	-18.5	20	675.0	-18.5	20	695.0	-18.5	20	715.0	-18.5	20	735.0	-18.5	20
755.0	-18.5	20	775.0	-18.5	20	795.0	-18.5	20	815.0	-18.5	20	835.0	-18.5	20
855.0	-18.5	20	875.0	-18.5	20	-345.0	18.5	20	-325.0	18.5	20	-305.0	18.5	20
-285.0	18.5	20	-265.0	18.5	20	-245.0	18.5	20	-225.0	18.5	20	-205.0	18.5	20
-185.0	18.5	20	-165.0	18.5	20	-145.0	18.5	20	-125.0	18.5	20	-105.0	18.5	20
-85.0	18.5	20	-65.0	18.5	20	-45.0	18.5	20	-25.0	18.5	20	-5.0	18.5	20
15.0	18.5	20	35.0	18.5	20	55.0	18.5	20	75.0	18.5	20	95.0	18.5	20
115.0	18.5	20	135.0	18.5	20	155.0	18.5	20	175.0	18.5	20	195.0	18.5	20
215.0	18.5	20	235.0	18.5	20	255.0	18.5	20	275.0	18.5	20	295.0	18.5	20
315.0	18.5	20	335.0	18.5	20	355.0	18.5	20	375.0	18.5	20	395.0	18.5	20
415.0	18.5	20	435.0	18.5	20	455.0	18.5	20	475.0	18.5	20	495.0	18.5	20
515.0	18.5	20	535.0	18.5	20	555.0	18.5	20	575.0	18.5	20	595.0	18.5	20
615.0	18.5	20	635.0	18.5	20	655.0	18.5	20	675.0	18.5	20	695.0	18.5	20
715.0	18.5	20	735.0	18.5	20	755.0	18.5	20	775.0	18.5	20	795.0	18.5	20
815.0	18.5	20	835.0	18.5	20	855.0	18.5	20	875.0	18.5	20	37.5	-18.5	20
37.5	18.5	20	-65.2	-18.5	20	-65.2	18.5	20	15.1	-18.5	20	15.1	18.5	20
20.5	-18.5	20	20.5	18.5	20	30.0	-18.5	20	30.0	18.5	20	39.8	-18.5	20
39.8	18.5	20	137.2	-18.5	20	137.2	18.5	20	148.5	-18.5	20	148.5	18.5	20
117.5	-18.5	20	117.5	18.5	20	-291.0	-18.5	20	-291.0	18.5	20	-347.5	-18.5	20
-347.5	18.5	20	124.5	-18.5	20	124.5	18.5	20	101.2	-18.5	20	101.2	18.5	20
208.4	-18.5	20	208.4	18.5	20	287.5	-18.5	20	287.5	18.5	20	365.3	-18.5	20
365.3	18.5	20	109.6	-18.5	20	109.6	18.5	20	198.0	-18.5	20	198.0	18.5	20
279.4	-18.5	20	279.4	18.5	20	362.1	-18.5	20	362.1	18.5	20	128.1	-18.5	20
128.1	18.5	20	160.2	-18.5	20	160.2	18.5	20	86.5	-18.5	20	86.5	18.5	20
143.5	-18.5	20	143.5	18.5	20	-188.0	-18.5	20	-188.0	18.5	20	160.0	-18.5	20
160.0	18.5	20	346.8	-18.5	20	346.8	18.5	20	176.7	-18.5	20	176.7	18.5	20
-335.0	-18.5	20	-335.0	18.5	20	-315.0	-18.5	20	-315.0	18.5	20	-295.0	-18.5	20
-295.0	18.5	20	-275.0	-18.5	20	-275.0	18.5	20	-255.0	-18.5	20	-255.0	18.5	20
-235.0	-18.5	20	-235.0	18.5	20	-215.0	-18.5	20	-215.0	18.5	20	-195.0	-18.5	20
-195.0	18.5	20	-175.0	-18.5	20	-175.0	18.5	20	-155.0	-18.5	20	-155.0	18.5	20
-135.0	-18.5	20	-135.0	18.5	20	-115.0	-18.5	20	-115.0	18.5	20	-95.0	-18.5	20
-95.0	18.5	20	-75.0	-18.5	20	-75.0	18.5	20	-55.0	-18.5	20	-55.0	18.5	20
-35.0	-18.5	20	-35.0	18.5	20	-15.0	-18.5	20	-15.0	18.5	20	5.0	-18.5	20
5.0	18.5	20	25.0	-18.5	20	25.0	18.5	20	52.5	-18.5	20	52.5	18.5	20
72.5	-18.5	20	72.5	18.5	20	92.5	-18.5	20	92.5	18.5	20	112.5	-18.5	20
112.5	18.5	20	132.5	-18.5	20	132.5	18.5	20	152.5	-18.5	20	152.5	18.5	20
172.5	-18.5	20	172.5	18.5	20	192.5	-18.5	20	192.5	18.5	20	212.5	-18.5	20
212.5	18.5	20	232.5	-18.5	20	232.5	18.5	20	252.5	-18.5	20	252.5	18.5	20
272.5	-18.5	20	272.5	18.5	20	292.5	-18.5	20	292.5	18.5	20	312.5	-18.5	20
312.5	18.5	20	332.5	-18.5	20	332.5	18.5	20	352.5	-18.5	20	352.5	18.5	20
372.5	-18.5	20	372.5	18.5	20	392.5	-18.5	20	392.5	18.5	20	412.5	-18.5	20
412.5	18.5	20	432.5	-18.5	20	432.5	18.5	20	452.5	-18.5	20	452.5	18.5	20
472.5	-18.5	20	472.5	18.5	20	492.5	-18.5	20	492.5	18.5	20	512.5	-18.5	20
512.5	18.5	20	532.5	-18.5	20	532.5	18.5	20	552.5	-18.5	20	552.5	18.5	20
572.5	-18.5	20	572.5	18.5	20	592.5	-18.5	20	592.5	18.5	20	612.5	-18.5	20
612.5	18.5	20	632.5	-18.5	20	632.5	18.5	20	652.5	-18.5	20	652.5	18.5	20
672.5	-18.5	20	672.5	18.5	20	692.5	-18.5	20	692.5	18.5	20	712.5	-18.5	20
712.5	18.5	20	732.5	-18.5	20	732.5	18.5	20	752.5	-18.5	20	752.5	18.5	20
772.5	-18.5	20	772.5	18.5	20	792.5	-18.5	20	792.5	18.5	20	812.5	-18.5	20
812.5	18.5	20	832.5	-18.5	20	832.5	18.5	20	852.5	-18.5	20	852.5	18.5	20
872.5	-18.5	20	872.5	18.5	20									

Sezione a quota 51

Coordinate dei vertici

X	Y
-945.0	25.0
-945.0	125.0
-900.0	125.0
-900.0	25.0
45.0	25.0
45.0	125.0
85.0	125.0
85.0	25.0
895.0	25.0
895.0	-25.0
85.0	-25.0
85.0	-125.0
45.0	-125.0
45.0	-25.0

-945.0 -25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-345.0	-18.5	20	-325.0	-18.5	20	-305.0	-18.5	20	-285.0	-18.5	20	-265.0	-18.5	20
-245.0	-18.5	20	-225.0	-18.5	20	-205.0	-18.5	20	-185.0	-18.5	20	-165.0	-18.5	20
-145.0	-18.5	20	-125.0	-18.5	20	-105.0	-18.5	20	-85.0	-18.5	20	-65.0	-18.5	20
-45.0	-18.5	20	-25.0	-18.5	20	-5.0	-18.5	20	15.0	-18.5	20	35.0	-18.5	20
55.0	-18.5	20	75.0	-18.5	20	95.0	-18.5	20	115.0	-18.5	20	135.0	-18.5	20
155.0	-18.5	20	175.0	-18.5	20	195.0	-18.5	20	215.0	-18.5	20	235.0	-18.5	20
255.0	-18.5	20	275.0	-18.5	20	295.0	-18.5	20	315.0	-18.5	20	335.0	-18.5	20
355.0	-18.5	20	375.0	-18.5	20	395.0	-18.5	20	415.0	-18.5	20	435.0	-18.5	20
455.0	-18.5	20	475.0	-18.5	20	495.0	-18.5	20	515.0	-18.5	20	535.0	-18.5	20
555.0	-18.5	20	575.0	-18.5	20	595.0	-18.5	20	615.0	-18.5	20	635.0	-18.5	20
655.0	-18.5	20	675.0	-18.5	20	695.0	-18.5	20	715.0	-18.5	20	735.0	-18.5	20
755.0	-18.5	20	775.0	-18.5	20	795.0	-18.5	20	815.0	-18.5	20	835.0	-18.5	20
855.0	-18.5	20	875.0	-18.5	20	-345.0	18.5	20	-325.0	18.5	20	-305.0	18.5	20
-285.0	18.5	20	-265.0	18.5	20	-245.0	18.5	20	-225.0	18.5	20	-205.0	18.5	20
-185.0	18.5	20	-165.0	18.5	20	-145.0	18.5	20	-125.0	18.5	20	-105.0	18.5	20
-85.0	18.5	20	-65.0	18.5	20	-45.0	18.5	20	-25.0	18.5	20	-5.0	18.5	20
15.0	18.5	20	35.0	18.5	20	55.0	18.5	20	75.0	18.5	20	95.0	18.5	20
115.0	18.5	20	135.0	18.5	20	155.0	18.5	20	175.0	18.5	20	195.0	18.5	20
215.0	18.5	20	235.0	18.5	20	255.0	18.5	20	275.0	18.5	20	295.0	18.5	20
315.0	18.5	20	335.0	18.5	20	355.0	18.5	20	375.0	18.5	20	395.0	18.5	20
415.0	18.5	20	435.0	18.5	20	455.0	18.5	20	475.0	18.5	20	495.0	18.5	20
515.0	18.5	20	535.0	18.5	20	555.0	18.5	20	575.0	18.5	20	595.0	18.5	20
615.0	18.5	20	635.0	18.5	20	655.0	18.5	20	675.0	18.5	20	695.0	18.5	20
715.0	18.5	20	735.0	18.5	20	755.0	18.5	20	775.0	18.5	20	795.0	18.5	20
815.0	18.5	20	835.0	18.5	20	855.0	18.5	20	875.0	18.5	20	37.5	-18.5	20
37.5	18.5	20	-65.2	-18.5	20	-65.2	18.5	20	15.1	-18.5	20	15.1	18.5	20
20.5	-18.5	20	20.5	18.5	20	30.0	-18.5	20	30.0	18.5	20	39.8	-18.5	20
39.8	18.5	20	137.2	-18.5	20	137.2	18.5	20	148.5	-18.5	20	148.5	18.5	20
117.5	-18.5	20	117.5	18.5	20	-291.0	-18.5	20	-291.0	18.5	20	-347.5	-18.5	20
-347.5	18.5	20	124.5	-18.5	20	124.5	18.5	20	101.2	-18.5	20	101.2	18.5	20
208.4	-18.5	20	208.4	18.5	20	287.5	-18.5	20	287.5	18.5	20	365.3	-18.5	20
365.3	18.5	20	109.6	-18.5	20	109.6	18.5	20	198.0	-18.5	20	198.0	18.5	20
279.4	-18.5	20	279.4	18.5	20	362.1	-18.5	20	362.1	18.5	20	128.1	-18.5	20
128.1	18.5	20	160.2	-18.5	20	160.2	18.5	20	86.5	-18.5	20	86.5	18.5	20
143.5	-18.5	20	143.5	18.5	20	-188.0	-18.5	20	-188.0	18.5	20	160.0	-18.5	20
160.0	18.5	20	346.8	-18.5	20	346.8	18.5	20	176.7	-18.5	20	176.7	18.5	20
-335.0	-18.5	20	-335.0	18.5	20	-315.0	-18.5	20	-315.0	18.5	20	-295.0	-18.5	20
-295.0	18.5	20	-275.0	-18.5	20	-275.0	18.5	20	-255.0	-18.5	20	-255.0	18.5	20
-235.0	-18.5	20	-235.0	18.5	20	-215.0	-18.5	20	-215.0	18.5	20	-195.0	-18.5	20
-195.0	18.5	20	-175.0	-18.5	20	-175.0	18.5	20	-155.0	-18.5	20	-155.0	18.5	20
-135.0	-18.5	20	-135.0	18.5	20	-115.0	-18.5	20	-115.0	18.5	20	-95.0	-18.5	20
-95.0	18.5	20	-75.0	-18.5	20	-75.0	18.5	20	-55.0	-18.5	20	-55.0	18.5	20
-35.0	-18.5	20	-35.0	18.5	20	-15.0	-18.5	20	-15.0	18.5	20	5.0	-18.5	20
5.0	18.5	20	25.0	-18.5	20	25.0	18.5	20	52.5	-18.5	20	52.5	18.5	20
72.5	-18.5	20	72.5	18.5	20	92.5	-18.5	20	92.5	18.5	20	112.5	-18.5	20
112.5	18.5	20	132.5	-18.5	20	132.5	18.5	20	152.5	-18.5	20	152.5	18.5	20
172.5	-18.5	20	172.5	18.5	20	192.5	-18.5	20	192.5	18.5	20	212.5	-18.5	20
212.5	18.5	20	232.5	-18.5	20	232.5	18.5	20	252.5	-18.5	20	252.5	18.5	20
272.5	-18.5	20	272.5	18.5	20	292.5	-18.5	20	292.5	18.5	20	312.5	-18.5	20
312.5	18.5	20	332.5	-18.5	20	332.5	18.5	20	352.5	-18.5	20	352.5	18.5	20
372.5	-18.5	20	372.5	18.5	20	392.5	-18.5	20	392.5	18.5	20	412.5	-18.5	20
412.5	18.5	20	432.5	-18.5	20	432.5	18.5	20	452.5	-18.5	20	452.5	18.5	20
472.5	-18.5	20	472.5	18.5	20	492.5	-18.5	20	492.5	18.5	20	512.5	-18.5	20
512.5	18.5	20	532.5	-18.5	20	532.5	18.5	20	552.5	-18.5	20	552.5	18.5	20
572.5	-18.5	20	572.5	18.5	20	592.5	-18.5	20	592.5	18.5	20	612.5	-18.5	20
612.5	18.5	20	632.5	-18.5	20	632.5	18.5	20	652.5	-18.5	20	652.5	18.5	20
672.5	-18.5	20	672.5	18.5	20	692.5	-18.5	20	692.5	18.5	20	712.5	-18.5	20
712.5	18.5	20	732.5	-18.5	20	732.5	18.5	20	752.5	-18.5	20	752.5	18.5	20
772.5	-18.5	20	772.5	18.5	20	792.5	-18.5	20	792.5	18.5	20	812.5	-18.5	20
812.5	18.5	20	832.5	-18.5	20	832.5	18.5	20	852.5	-18.5	20	852.5	18.5	20
872.5	-18.5	20	872.5	18.5	20									

Sezione a quota 105

Coordinate dei vertici

X	Y
-945.0	25.0
-945.0	125.0
-900.0	125.0
-900.0	25.0
45.0	25.0
45.0	125.0
85.0	125.0
85.0	25.0
895.0	25.0
895.0	-25.0
85.0	-25.0
85.0	-125.0
45.0	-125.0
45.0	-25.0
-945.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-345.0	-18.5	20	-325.0	-18.5	20	-305.0	-18.5	20	-285.0	-18.5	20	-265.0	-18.5	20
-245.0	-18.5	20	-225.0	-18.5	20	-205.0	-18.5	20	-185.0	-18.5	20	-165.0	-18.5	20
-145.0	-18.5	20	-125.0	-18.5	20	-105.0	-18.5	20	-85.0	-18.5	20	-65.0	-18.5	20
-45.0	-18.5	20	-25.0	-18.5	20	-5.0	-18.5	20	15.0	-18.5	20	35.0	-18.5	20
55.0	-18.5	20	75.0	-18.5	20	95.0	-18.5	20	115.0	-18.5	20	135.0	-18.5	20
155.0	-18.5	20	175.0	-18.5	20	195.0	-18.5	20	215.0	-18.5	20	235.0	-18.5	20
255.0	-18.5	20	275.0	-18.5	20	295.0	-18.5	20	315.0	-18.5	20	335.0	-18.5	20

355.0	-18.5	20	375.0	-18.5	20	395.0	-18.5	20	415.0	-18.5	20	435.0	-18.5	20
455.0	-18.5	20	475.0	-18.5	20	495.0	-18.5	20	515.0	-18.5	20	535.0	-18.5	20
555.0	-18.5	20	575.0	-18.5	20	595.0	-18.5	20	615.0	-18.5	20	635.0	-18.5	20
655.0	-18.5	20	675.0	-18.5	20	695.0	-18.5	20	715.0	-18.5	20	735.0	-18.5	20
755.0	-18.5	20	775.0	-18.5	20	795.0	-18.5	20	815.0	-18.5	20	835.0	-18.5	20
855.0	-18.5	20	875.0	-18.5	20	-345.0	18.5	20	-325.0	18.5	20	-305.0	18.5	20
-285.0	18.5	20	-265.0	18.5	20	-245.0	18.5	20	-225.0	18.5	20	-205.0	18.5	20
-185.0	18.5	20	-165.0	18.5	20	-145.0	18.5	20	-125.0	18.5	20	-105.0	18.5	20
-85.0	18.5	20	-65.0	18.5	20	-45.0	18.5	20	-25.0	18.5	20	-5.0	18.5	20
15.0	18.5	20	35.0	18.5	20	55.0	18.5	20	75.0	18.5	20	95.0	18.5	20
115.0	18.5	20	135.0	18.5	20	155.0	18.5	20	175.0	18.5	20	195.0	18.5	20
215.0	18.5	20	235.0	18.5	20	255.0	18.5	20	275.0	18.5	20	295.0	18.5	20
315.0	18.5	20	335.0	18.5	20	355.0	18.5	20	375.0	18.5	20	395.0	18.5	20
415.0	18.5	20	435.0	18.5	20	455.0	18.5	20	475.0	18.5	20	495.0	18.5	20
515.0	18.5	20	535.0	18.5	20	555.0	18.5	20	575.0	18.5	20	595.0	18.5	20
615.0	18.5	20	635.0	18.5	20	655.0	18.5	20	675.0	18.5	20	695.0	18.5	20
715.0	18.5	20	735.0	18.5	20	755.0	18.5	20	775.0	18.5	20	795.0	18.5	20
815.0	18.5	20	835.0	18.5	20	855.0	18.5	20	875.0	18.5	20	37.5	-18.5	20
37.5	18.5	20	-65.2	-18.5	20	-65.2	18.5	20	15.1	-18.5	20	15.1	18.5	20
20.5	-18.5	20	20.5	18.5	20	30.0	-18.5	20	30.0	18.5	20	39.8	-18.5	20
39.8	18.5	20	137.2	-18.5	20	137.2	18.5	20	148.5	-18.5	20	148.5	18.5	20
117.5	-18.5	20	117.5	18.5	20	-291.0	-18.5	20	-291.0	18.5	20	-347.5	-18.5	20
-347.5	18.5	20	124.5	-18.5	20	124.5	18.5	20	101.2	-18.5	20	101.2	18.5	20
208.4	-18.5	20	208.4	18.5	20	287.5	-18.5	20	287.5	18.5	20	365.3	-18.5	20
365.3	18.5	20	109.6	-18.5	20	109.6	18.5	20	198.0	-18.5	20	198.0	18.5	20
279.4	-18.5	20	279.4	18.5	20	362.1	-18.5	20	362.1	18.5	20	128.1	-18.5	20
128.1	18.5	20	160.2	-18.5	20	160.2	18.5	20	86.5	-18.5	20	86.5	18.5	20
143.5	-18.5	20	143.5	18.5	20	-188.0	-18.5	20	-188.0	18.5	20	160.0	-18.5	20
160.0	18.5	20	346.8	-18.5	20	346.8	18.5	20	176.7	-18.5	20	176.7	18.5	20
-335.0	-18.5	20	-335.0	18.5	20	-315.0	-18.5	20	-315.0	18.5	20	-295.0	-18.5	20
-295.0	18.5	20	-275.0	-18.5	20	-275.0	18.5	20	-255.0	-18.5	20	-255.0	18.5	20
-235.0	-18.5	20	-235.0	18.5	20	-215.0	-18.5	20	-215.0	18.5	20	-195.0	-18.5	20
-195.0	18.5	20	-175.0	-18.5	20	-175.0	18.5	20	-155.0	-18.5	20	-155.0	18.5	20
-135.0	-18.5	20	-135.0	18.5	20	-115.0	-18.5	20	-115.0	18.5	20	-95.0	-18.5	20
-95.0	18.5	20	-75.0	-18.5	20	-75.0	18.5	20	-55.0	-18.5	20	-55.0	18.5	20
-35.0	-18.5	20	-35.0	18.5	20	-15.0	-18.5	20	-15.0	18.5	20	5.0	-18.5	20
5.0	18.5	20	25.0	-18.5	20	25.0	18.5	20	52.5	-18.5	20	52.5	18.5	20
72.5	-18.5	20	72.5	18.5	20	92.5	-18.5	20	92.5	18.5	20	112.5	-18.5	20
112.5	18.5	20	132.5	-18.5	20	132.5	18.5	20	152.5	-18.5	20	152.5	18.5	20
172.5	-18.5	20	172.5	18.5	20	192.5	-18.5	20	192.5	18.5	20	212.5	-18.5	20
212.5	18.5	20	232.5	-18.5	20	232.5	18.5	20	252.5	-18.5	20	252.5	18.5	20
272.5	-18.5	20	272.5	18.5	20	292.5	-18.5	20	292.5	18.5	20	312.5	-18.5	20
312.5	18.5	20	332.5	-18.5	20	332.5	18.5	20	352.5	-18.5	20	352.5	18.5	20
372.5	-18.5	20	372.5	18.5	20	392.5	-18.5	20	392.5	18.5	20	412.5	-18.5	20
412.5	18.5	20	432.5	-18.5	20	432.5	18.5	20	452.5	-18.5	20	452.5	18.5	20
472.5	-18.5	20	472.5	18.5	20	492.5	-18.5	20	492.5	18.5	20	512.5	-18.5	20
512.5	18.5	20	532.5	-18.5	20	532.5	18.5	20	552.5	-18.5	20	552.5	18.5	20
572.5	-18.5	20	572.5	18.5	20	592.5	-18.5	20	592.5	18.5	20	612.5	-18.5	20
612.5	18.5	20	632.5	-18.5	20	632.5	18.5	20	652.5	-18.5	20	652.5	18.5	20
672.5	-18.5	20	672.5	18.5	20	692.5	-18.5	20	692.5	18.5	20	712.5	-18.5	20
712.5	18.5	20	732.5	-18.5	20	732.5	18.5	20	752.5	-18.5	20	752.5	18.5	20
772.5	-18.5	20	772.5	18.5	20	792.5	-18.5	20	792.5	18.5	20	812.5	-18.5	20
812.5	18.5	20	832.5	-18.5	20	832.5	18.5	20	852.5	-18.5	20	852.5	18.5	20
872.5	-18.5	20	872.5	18.5	20									

Sezione a quota 107

Coordinate dei vertici

X	Y
-945.0	25.0
-945.0	262.0
-900.0	262.0
-900.0	25.0
845.0	25.0
845.0	262.0
895.0	262.0
895.0	25.0
895.0	-25.0
-945.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-345.0	-18.5	20	-325.0	-18.5	20	-305.0	-18.5	20	-285.0	-18.5	20	-265.0	-18.5	20
-245.0	-18.5	20	-225.0	-18.5	20	-205.0	-18.5	20	-185.0	-18.5	20	-165.0	-18.5	20
-145.0	-18.5	20	-125.0	-18.5	20	-105.0	-18.5	20	-85.0	-18.5	20	-65.0	-18.5	20
-45.0	-18.5	20	-25.0	-18.5	20	-5.0	-18.5	20	15.0	-18.5	20	35.0	-18.5	20
55.0	-18.5	20	75.0	-18.5	20	95.0	-18.5	20	115.0	-18.5	20	135.0	-18.5	20
155.0	-18.5	20	175.0	-18.5	20	195.0	-18.5	20	215.0	-18.5	20	235.0	-18.5	20
255.0	-18.5	20	275.0	-18.5	20	295.0	-18.5	20	315.0	-18.5	20	335.0	-18.5	20
355.0	-18.5	20	375.0	-18.5	20	395.0	-18.5	20	415.0	-18.5	20	435.0	-18.5	20
455.0	-18.5	20	475.0	-18.5	20	495.0	-18.5	20	515.0	-18.5	20	535.0	-18.5	20
555.0	-18.5	20	575.0	-18.5	20	595.0	-18.5	20	615.0	-18.5	20	635.0	-18.5	20
655.0	-18.5	20	675.0	-18.5	20	695.0	-18.5	20	715.0	-18.5	20	735.0	-18.5	20
755.0	-18.5	20	775.0	-18.5	20	795.0	-18.5	20	815.0	-18.5	20	835.0	-18.5	20
855.0	-18.5	20	875.0	-18.5	20	-345.0	18.5	20	-325.0	18.5	20	-305.0	18.5	20
-285.0	18.5	20	-265.0	18.5	20	-245.0	18.5	20	-225.0	18.5	20	-205.0	18.5	20
-185.0	18.5	20	-165.0	18.5	20	-145.0	18.5	20	-125.0	18.5	20	-105.0	18.5	20
-85.0	18.5	20	-65.0	18.5	20	-45.0	18.5	20	-25.0	18.5	20	-5.0	18.5	20
15.0	18.5	20	35.0	18.5	20	55.0	18.5	20	75.0	18.5	20	95.0	18.5	20
115.0	18.5	20	135.0	18.5	20	155.0	18.5	20	175.0	18.5	20	195.0	18.5	20
215.0	18.5	20	235.0	18.5	20	255.0	18.5	20	275.0	18.5	20	295.0	18.5	20
315.0	18.5	20	335.0	18.5	20	355.0	18.5	20	375.0	18.5	20	395.0	18.5	20
415.0	18.5	20	435.0	18.5	20	455.0	18.5	20	475.0	18.5	20	495.0	18.5	20
515.0	18.5	20	535.0	18.5	20	555.0	18.5	20	575.0	18.5	20	595.0	18.5	20
615.0	18.5	20	635.0	18.5	20	655.0	18.5	20	675.0	18.5	20	695.0	18.5	20

715.0	18.5	20	735.0	18.5	20	755.0	18.5	20	775.0	18.5	20	795.0	18.5	20
815.0	18.5	20	835.0	18.5	20	855.0	18.5	20	875.0	18.5	20	37.5	-18.5	20
37.5	18.5	20	-65.2	-18.5	20	-65.2	18.5	20	15.1	-18.5	20	15.1	18.5	20
20.5	-18.5	20	20.5	18.5	20	30.0	-18.5	20	30.0	18.5	20	39.8	-18.5	20
39.8	18.5	20	137.2	-18.5	20	137.2	18.5	20	148.5	-18.5	20	148.5	18.5	20
117.5	-18.5	20	117.5	18.5	20	-291.0	-18.5	20	-291.0	18.5	20	-347.5	-18.5	20
-347.5	18.5	20	124.5	-18.5	20	124.5	18.5	20	101.2	-18.5	20	101.2	18.5	20
208.4	-18.5	20	208.4	18.5	20	287.5	-18.5	20	287.5	18.5	20	365.3	-18.5	20
365.3	18.5	20	109.6	-18.5	20	109.6	18.5	20	198.0	-18.5	20	198.0	18.5	20
279.4	-18.5	20	279.4	18.5	20	362.1	-18.5	20	362.1	18.5	20	128.1	-18.5	20
128.1	18.5	20	160.2	-18.5	20	160.2	18.5	20	86.5	-18.5	20	86.5	18.5	20
143.5	-18.5	20	143.5	18.5	20	-188.0	-18.5	20	-188.0	18.5	20	160.0	-18.5	20
160.0	18.5	20	346.8	-18.5	20	346.8	18.5	20	176.7	-18.5	20	176.7	18.5	20
-335.0	-18.5	20	-335.0	18.5	20	-315.0	-18.5	20	-315.0	18.5	20	-295.0	-18.5	20
-295.0	18.5	20	-275.0	-18.5	20	-275.0	18.5	20	-255.0	-18.5	20	-255.0	18.5	20
-235.0	-18.5	20	-235.0	18.5	20	-215.0	-18.5	20	-215.0	18.5	20	-195.0	-18.5	20
-195.0	18.5	20	-175.0	-18.5	20	-175.0	18.5	20	-155.0	-18.5	20	-155.0	18.5	20
-135.0	-18.5	20	-135.0	18.5	20	-115.0	-18.5	20	-115.0	18.5	20	-95.0	-18.5	20
-95.0	18.5	20	-75.0	-18.5	20	-75.0	18.5	20	-55.0	-18.5	20	-55.0	18.5	20
-35.0	-18.5	20	-35.0	18.5	20	-15.0	-18.5	20	-15.0	18.5	20	5.0	-18.5	20
5.0	18.5	20	25.0	-18.5	20	25.0	18.5	20	52.5	-18.5	20	52.5	18.5	20
72.5	-18.5	20	72.5	18.5	20	92.5	-18.5	20	92.5	18.5	20	112.5	-18.5	20
112.5	18.5	20	132.5	-18.5	20	132.5	18.5	20	152.5	-18.5	20	152.5	18.5	20
172.5	-18.5	20	172.5	18.5	20	192.5	-18.5	20	192.5	18.5	20	212.5	-18.5	20
212.5	18.5	20	232.5	-18.5	20	232.5	18.5	20	252.5	-18.5	20	252.5	18.5	20
272.5	-18.5	20	272.5	18.5	20	292.5	-18.5	20	292.5	18.5	20	312.5	-18.5	20
312.5	18.5	20	332.5	-18.5	20	332.5	18.5	20	352.5	-18.5	20	352.5	18.5	20
372.5	-18.5	20	372.5	18.5	20	392.5	-18.5	20	392.5	18.5	20	412.5	-18.5	20
412.5	18.5	20	432.5	-18.5	20	432.5	18.5	20	452.5	-18.5	20	452.5	18.5	20
472.5	-18.5	20	472.5	18.5	20	492.5	-18.5	20	492.5	18.5	20	512.5	-18.5	20
512.5	18.5	20	532.5	-18.5	20	532.5	18.5	20	552.5	-18.5	20	552.5	18.5	20
572.5	-18.5	20	572.5	18.5	20	592.5	-18.5	20	592.5	18.5	20	612.5	-18.5	20
612.5	18.5	20	632.5	-18.5	20	632.5	18.5	20	652.5	-18.5	20	652.5	18.5	20
672.5	-18.5	20	672.5	18.5	20	692.5	-18.5	20	692.5	18.5	20	712.5	-18.5	20
712.5	18.5	20	732.5	-18.5	20	732.5	18.5	20	752.5	-18.5	20	752.5	18.5	20
772.5	-18.5	20	772.5	18.5	20	792.5	-18.5	20	792.5	18.5	20	812.5	-18.5	20
812.5	18.5	20	832.5	-18.5	20	832.5	18.5	20	852.5	-18.5	20	852.5	18.5	20
872.5	-18.5	20	872.5	18.5	20									

Sezione a quota 185

Coordinate dei vertici

X	Y
-945.0	25.0
-945.0	278.8
-900.0	278.8
-900.0	25.0
845.0	25.0
845.0	278.8
895.0	278.8
895.0	25.0
895.0	-25.0
-945.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-345.0	-18.5	20	-325.0	-18.5	20	-305.0	-18.5	20	-285.0	-18.5	20	-265.0	-18.5	20
-245.0	-18.5	20	-225.0	-18.5	20	-205.0	-18.5	20	-185.0	-18.5	20	-165.0	-18.5	20
-145.0	-18.5	20	-125.0	-18.5	20	-105.0	-18.5	20	-85.0	-18.5	20	-65.0	-18.5	20
-45.0	-18.5	20	-25.0	-18.5	20	-5.0	-18.5	20	15.0	-18.5	20	35.0	-18.5	20
55.0	-18.5	20	75.0	-18.5	20	95.0	-18.5	20	115.0	-18.5	20	135.0	-18.5	20
155.0	-18.5	20	175.0	-18.5	20	195.0	-18.5	20	215.0	-18.5	20	235.0	-18.5	20
255.0	-18.5	20	275.0	-18.5	20	295.0	-18.5	20	315.0	-18.5	20	335.0	-18.5	20
355.0	-18.5	20	375.0	-18.5	20	395.0	-18.5	20	415.0	-18.5	20	435.0	-18.5	20
455.0	-18.5	20	475.0	-18.5	20	495.0	-18.5	20	515.0	-18.5	20	535.0	-18.5	20
555.0	-18.5	20	575.0	-18.5	20	595.0	-18.5	20	615.0	-18.5	20	635.0	-18.5	20
655.0	-18.5	20	675.0	-18.5	20	695.0	-18.5	20	715.0	-18.5	20	735.0	-18.5	20
755.0	-18.5	20	775.0	-18.5	20	795.0	-18.5	20	815.0	-18.5	20	835.0	-18.5	20
855.0	-18.5	20	875.0	-18.5	20	-345.0	18.5	20	-325.0	18.5	20	-305.0	18.5	20
-285.0	18.5	20	-265.0	18.5	20	-245.0	18.5	20	-225.0	18.5	20	-205.0	18.5	20
-185.0	18.5	20	-165.0	18.5	20	-145.0	18.5	20	-125.0	18.5	20	-105.0	18.5	20
-85.0	18.5	20	-65.0	18.5	20	-45.0	18.5	20	-25.0	18.5	20	-5.0	18.5	20
15.0	18.5	20	35.0	18.5	20	55.0	18.5	20	75.0	18.5	20	95.0	18.5	20
115.0	18.5	20	135.0	18.5	20	155.0	18.5	20	175.0	18.5	20	195.0	18.5	20
215.0	18.5	20	235.0	18.5	20	255.0	18.5	20	275.0	18.5	20	295.0	18.5	20
315.0	18.5	20	335.0	18.5	20	355.0	18.5	20	375.0	18.5	20	395.0	18.5	20
415.0	18.5	20	435.0	18.5	20	455.0	18.5	20	475.0	18.5	20	495.0	18.5	20
515.0	18.5	20	535.0	18.5	20	555.0	18.5	20	575.0	18.5	20	595.0	18.5	20
615.0	18.5	20	635.0	18.5	20	655.0	18.5	20	675.0	18.5	20	695.0	18.5	20
715.0	18.5	20	735.0	18.5	20	755.0	18.5	20	775.0	18.5	20	795.0	18.5	20
815.0	18.5	20	835.0	18.5	20	855.0	18.5	20	875.0	18.5	20	15.1	-18.5	20
15.1	18.5	20	20.5	-18.5	20	20.5	18.5	20	30.0	-18.5	20	30.0	18.5	20
39.8	-18.5	20	39.8	18.5	20	137.2	-18.5	20	137.2	18.5	20	148.5	-18.5	20
148.5	18.5	20	117.5	-18.5	20	117.5	18.5	20	-291.0	-18.5	20	-291.0	18.5	20
-347.5	-18.5	20	-347.5	18.5	20	124.5	-18.5	20	124.5	18.5	20	101.2	-18.5	20
101.2	18.5	20	208.4	-18.5	20	208.4	18.5	20	287.5	-18.5	20	287.5	18.5	20
365.3	-18.5	20	365.3	18.5	20	109.6	-18.5	20	109.6	18.5	20	198.0	-18.5	20
198.0	18.5	20	279.4	-18.5	20	279.4	18.5	20	362.1	-18.5	20	362.1	18.5	20
128.1	-18.5	20	128.1	18.5	20	160.2	-18.5	20	160.2	18.5	20	86.5	-18.5	20
86.5	18.5	20	143.5	-18.5	20	143.5	18.5	20	-188.0	-18.5	20	-188.0	18.5	20
160.0	-18.5	20	160.0	18.5	20	346.8	-18.5	20	346.8	18.5	20	176.7	-18.5	20
176.7	18.5	20	-335.0	-18.5	20	-335.0	18.5	20	-315.0	-18.5	20	-315.0	18.5	20
-295.0	-18.5	20	-295.0	18.5	20	-275.0	-18.5	20	-275.0	18.5	20	-255.0	-18.5	20
-255.0	18.5	20	-235.0	-18.5	20	-235.0	18.5	20	-215.0	-18.5	20	-215.0	18.5	20
-195.0	-18.5	20	-195.0	18.5	20	-175.0	-18.5	20	-175.0	18.5	20	-155.0	-18.5	20

-155.0	18.5	20	-135.0	-18.5	20	-135.0	18.5	20	-115.0	-18.5	20	-115.0	18.5	20
-95.0	-18.5	20	-95.0	18.5	20	-75.0	-18.5	20	-75.0	18.5	20	-55.0	-18.5	20
-55.0	18.5	20	-35.0	-18.5	20	-35.0	18.5	20	-15.0	-18.5	20	-15.0	18.5	20
5.0	-18.5	20	5.0	18.5	20	25.0	-18.5	20	25.0	18.5	20	52.5	-18.5	20
52.5	18.5	20	72.5	-18.5	20	72.5	18.5	20	92.5	-18.5	20	92.5	18.5	20
112.5	-18.5	20	112.5	18.5	20	132.5	-18.5	20	132.5	18.5	20	152.5	-18.5	20
152.5	18.5	20	172.5	-18.5	20	172.5	18.5	20	192.5	-18.5	20	192.5	18.5	20
212.5	-18.5	20	212.5	18.5	20	232.5	-18.5	20	232.5	18.5	20	252.5	-18.5	20
252.5	18.5	20	272.5	-18.5	20	272.5	18.5	20	292.5	-18.5	20	292.5	18.5	20
312.5	-18.5	20	312.5	18.5	20	332.5	-18.5	20	332.5	18.5	20	352.5	-18.5	20
352.5	18.5	20	372.5	-18.5	20	372.5	18.5	20	392.5	-18.5	20	392.5	18.5	20
412.5	-18.5	20	412.5	18.5	20	432.5	-18.5	20	432.5	18.5	20	452.5	-18.5	20
452.5	18.5	20	472.5	-18.5	20	472.5	18.5	20	492.5	-18.5	20	492.5	18.5	20
512.5	-18.5	20	512.5	18.5	20	532.5	-18.5	20	532.5	18.5	20	552.5	-18.5	20
552.5	18.5	20	572.5	-18.5	20	572.5	18.5	20	592.5	-18.5	20	592.5	18.5	20
612.5	-18.5	20	612.5	18.5	20	632.5	-18.5	20	632.5	18.5	20	652.5	-18.5	20
652.5	18.5	20	672.5	-18.5	20	672.5	18.5	20	692.5	-18.5	20	692.5	18.5	20
712.5	-18.5	20	712.5	18.5	20	732.5	-18.5	20	732.5	18.5	20	752.5	-18.5	20
752.5	18.5	20	772.5	-18.5	20	772.5	18.5	20	792.5	-18.5	20	792.5	18.5	20
812.5	-18.5	20	812.5	18.5	20	832.5	-18.5	20	832.5	18.5	20	852.5	-18.5	20
852.5	18.5	20	872.5	-18.5	20	872.5	18.5	20						

Sezione a quota 263

Coordinate dei vertici

X	Y
-945.0	25.0
-945.0	259.3
-900.0	259.3
-900.0	25.0
845.0	25.0
845.0	259.3
895.0	259.3
895.0	25.0
895.0	-25.0
-945.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-925.0	-18.5	20	-905.0	-18.5	20	-885.0	-18.5	20	-865.0	-18.5	20	-845.0	-18.5	20
-825.0	-18.5	20	-805.0	-18.5	20	-785.0	-18.5	20	-765.0	-18.5	20	-745.0	-18.5	20
-725.0	-18.5	20	-705.0	-18.5	20	-685.0	-18.5	20	-665.0	-18.5	20	-645.0	-18.5	20
-625.0	-18.5	20	-605.0	-18.5	20	-585.0	-18.5	20	-565.0	-18.5	20	-545.0	-18.5	20
-525.0	-18.5	20	-505.0	-18.5	20	-485.0	-18.5	20	-465.0	-18.5	20	-445.0	-18.5	20
-425.0	-18.5	20	-405.0	-18.5	20	-385.0	-18.5	20	-365.0	-18.5	20	-345.0	-18.5	20
-325.0	-18.5	20	-305.0	-18.5	20	-285.0	-18.5	20	-265.0	-18.5	20	-245.0	-18.5	20
-225.0	-18.5	20	-205.0	-18.5	20	-185.0	-18.5	20	-165.0	-18.5	20	-145.0	-18.5	20
-125.0	-18.5	20	-105.0	-18.5	20	-85.0	-18.5	20	-65.0	-18.5	20	-45.0	-18.5	20
-25.0	-18.5	20	-5.0	-18.5	20	15.0	-18.5	20	35.0	-18.5	20	55.0	-18.5	20
75.0	-18.5	20	95.0	-18.5	20	115.0	-18.5	20	135.0	-18.5	20	155.0	-18.5	20
175.0	-18.5	20	195.0	-18.5	20	215.0	-18.5	20	235.0	-18.5	20	255.0	-18.5	20
275.0	-18.5	20	295.0	-18.5	20	315.0	-18.5	20	335.0	-18.5	20	355.0	-18.5	20
375.0	-18.5	20	395.0	-18.5	20	415.0	-18.5	20	435.0	-18.5	20	455.0	-18.5	20
475.0	-18.5	20	495.0	-18.5	20	515.0	-18.5	20	535.0	-18.5	20	555.0	-18.5	20
575.0	-18.5	20	595.0	-18.5	20	615.0	-18.5	20	635.0	-18.5	20	655.0	-18.5	20
675.0	-18.5	20	695.0	-18.5	20	715.0	-18.5	20	735.0	-18.5	20	755.0	-18.5	20
775.0	-18.5	20	795.0	-18.5	20	815.0	-18.5	20	835.0	-18.5	20	855.0	-18.5	20
875.0	-18.5	20	-925.0	18.5	20	-905.0	18.5	20	-885.0	18.5	20	-865.0	18.5	20
-845.0	18.5	20	-825.0	18.5	20	-805.0	18.5	20	-785.0	18.5	20	-765.0	18.5	20
-745.0	18.5	20	-725.0	18.5	20	-705.0	18.5	20	-685.0	18.5	20	-665.0	18.5	20
-645.0	18.5	20	-625.0	18.5	20	-605.0	18.5	20	-585.0	18.5	20	-565.0	18.5	20
-545.0	18.5	20	-525.0	18.5	20	-505.0	18.5	20	-485.0	18.5	20	-465.0	18.5	20
-445.0	18.5	20	-425.0	18.5	20	-405.0	18.5	20	-385.0	18.5	20	-365.0	18.5	20
-345.0	18.5	20	-325.0	18.5	20	-305.0	18.5	20	-285.0	18.5	20	-265.0	18.5	20
-245.0	18.5	20	-225.0	18.5	20	-205.0	18.5	20	-185.0	18.5	20	-165.0	18.5	20
-145.0	18.5	20	-125.0	18.5	20	-105.0	18.5	20	-85.0	18.5	20	-65.0	18.5	20
-45.0	18.5	20	-25.0	18.5	20	-5.0	18.5	20	15.0	18.5	20	35.0	18.5	20
55.0	18.5	20	75.0	18.5	20	95.0	18.5	20	115.0	18.5	20	135.0	18.5	20
155.0	18.5	20	175.0	18.5	20	195.0	18.5	20	215.0	18.5	20	235.0	18.5	20
255.0	18.5	20	275.0	18.5	20	295.0	18.5	20	315.0	18.5	20	335.0	18.5	20
355.0	18.5	20	375.0	18.5	20	395.0	18.5	20	415.0	18.5	20	435.0	18.5	20
455.0	18.5	20	475.0	18.5	20	495.0	18.5	20	515.0	18.5	20	535.0	18.5	20
555.0	18.5	20	575.0	18.5	20	595.0	18.5	20	615.0	18.5	20	635.0	18.5	20
655.0	18.5	20	675.0	18.5	20	695.0	18.5	20	715.0	18.5	20	735.0	18.5	20
755.0	18.5	20	775.0	18.5	20	795.0	18.5	20	815.0	18.5	20	835.0	18.5	20
855.0	18.5	20	875.0	18.5	20	15.1	-18.5	20	15.1	18.5	20	20.5	-18.5	20
20.5	18.5	20	30.0	-18.5	20	30.0	18.5	20	39.8	-18.5	20	39.8	18.5	20
137.2	-18.5	20	137.2	18.5	20	148.5	-18.5	20	148.5	18.5	20	117.5	-18.5	20
117.5	18.5	20	-291.0	-18.5	20	-291.0	18.5	20	-347.5	-18.5	20	-347.5	18.5	20
124.5	-18.5	20	124.5	18.5	20	101.2	-18.5	20	101.2	18.5	20	208.4	-18.5	20
208.4	18.5	20	365.3	-18.5	20	365.3	18.5	20	109.6	-18.5	20	109.6	18.5	20
198.0	-18.5	20	198.0	18.5	20	279.4	-18.5	20	279.4	18.5	20	362.1	-18.5	20
362.1	18.5	20	128.1	-18.5	20	128.1	18.5	20	160.2	-18.5	20	160.2	18.5	20
86.5	-18.5	20	86.5	18.5	20	143.5	-18.5	20	143.5	18.5	20	-188.0	-18.5	20
-188.0	18.5	20	160.0	-18.5	20	160.0	18.5	20	346.8	-18.5	20	346.8	18.5	20
176.7	-18.5	20	176.7	18.5	20	-335.0	-18.5	20	-335.0	18.5	20	-315.0	-18.5	20
-315.0	18.5	20	-295.0	-18.5	20	-295.0	18.5	20	-275.0	-18.5	20	-275.0	18.5	20
-255.0	-18.5	20	-255.0	18.5	20	-235.0	-18.5	20	-235.0	18.5	20	-215.0	-18.5	20
-215.0	18.5	20	-195.0	-18.5	20	-195.0	18.5	20	-175.0	-18.5	20	-175.0	18.5	20
-155.0	-18.5	20	-155.0	18.5	20	-135.0	-18.5	20	-135.0	18.5	20	-115.0	-18.5	20
-115.0	18.5	20	-95.0	-18.5	20	-95.0	18.5	20	-75.0	-18.5	20	-75.0	18.5	20
-55.0	-18.5	20	-55.0	18.5	20	-35.0	-18.5	20	-35.0	18.5	20	-15.0	-18.5	20
-15.0	18.5	20	5.0	-18.5	20	5.0	18.5	20	25.0	-18.5	20	25.0	18.5	20
52.5	-18.5	20	52.5	18.5	20	72.5	-18.5	20	72.5	18.5	20	92.5	-18.5	20
92.5	18.5	20	112.5	-18.5	20	112.5	18.5	20	132.5	-18.5	20	132.5	18.5	20

152.5	-18.5	20	152.5	18.5	20	172.5	-18.5	20	172.5	18.5	20	192.5	-18.5	20
192.5	18.5	20	212.5	-18.5	20	212.5	18.5	20	232.5	-18.5	20	232.5	18.5	20
252.5	-18.5	20	252.5	18.5	20	272.5	-18.5	20	272.5	18.5	20	292.5	-18.5	20
292.5	18.5	20	312.5	-18.5	20	312.5	18.5	20	332.5	-18.5	20	332.5	18.5	20
352.5	-18.5	20	352.5	18.5	20	372.5	-18.5	20	372.5	18.5	20	392.5	-18.5	20
392.5	18.5	20	412.5	-18.5	20	412.5	18.5	20	432.5	-18.5	20	432.5	18.5	20
452.5	-18.5	20	452.5	18.5	20	472.5	-18.5	20	472.5	18.5	20	492.5	-18.5	20
492.5	18.5	20	512.5	-18.5	20	512.5	18.5	20	532.5	-18.5	20	532.5	18.5	20
552.5	-18.5	20	552.5	18.5	20	572.5	-18.5	20	572.5	18.5	20	592.5	-18.5	20
592.5	18.5	20	612.5	-18.5	20	612.5	18.5	20	632.5	-18.5	20	632.5	18.5	20
652.5	-18.5	20	652.5	18.5	20	672.5	-18.5	20	672.5	18.5	20	692.5	-18.5	20
692.5	18.5	20	712.5	-18.5	20	712.5	18.5	20	732.5	-18.5	20	732.5	18.5	20
752.5	-18.5	20	752.5	18.5	20	772.5	-18.5	20	772.5	18.5	20	792.5	-18.5	20
792.5	18.5	20	812.5	-18.5	20	812.5	18.5	20	832.5	-18.5	20	832.5	18.5	20
852.5	-18.5	20	852.5	18.5	20	872.5	-18.5	20	872.5	18.5	20			

Sezione a quota 265

Coordinate dei vertici

X	Y
-945.0	25.0
-945.0	258.8
-900.0	258.8
-900.0	25.0
845.0	25.0
845.0	258.8
895.0	258.8
895.0	25.0
895.0	-25.0
-945.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-925.0	-18.5	20	-905.0	-18.5	20	-885.0	-18.5	20	-865.0	-18.5	20	-845.0	-18.5	20
-825.0	-18.5	20	-805.0	-18.5	20	-785.0	-18.5	20	-765.0	-18.5	20	-745.0	-18.5	20
-725.0	-18.5	20	-705.0	-18.5	20	-685.0	-18.5	20	-665.0	-18.5	20	-645.0	-18.5	20
-625.0	-18.5	20	-605.0	-18.5	20	-585.0	-18.5	20	-565.0	-18.5	20	-545.0	-18.5	20
-525.0	-18.5	20	-505.0	-18.5	20	-485.0	-18.5	20	-465.0	-18.5	20	-445.0	-18.5	20
-425.0	-18.5	20	-405.0	-18.5	20	-385.0	-18.5	20	-365.0	-18.5	20	-345.0	-18.5	20
-325.0	-18.5	20	-305.0	-18.5	20	-285.0	-18.5	20	-265.0	-18.5	20	-245.0	-18.5	20
-225.0	-18.5	20	-205.0	-18.5	20	-185.0	-18.5	20	-165.0	-18.5	20	-145.0	-18.5	20
-125.0	-18.5	20	-105.0	-18.5	20	-85.0	-18.5	20	-65.0	-18.5	20	-45.0	-18.5	20
-25.0	-18.5	20	-5.0	-18.5	20	15.0	-18.5	20	35.0	-18.5	20	55.0	-18.5	20
75.0	-18.5	20	95.0	-18.5	20	115.0	-18.5	20	135.0	-18.5	20	155.0	-18.5	20
175.0	-18.5	20	195.0	-18.5	20	215.0	-18.5	20	235.0	-18.5	20	255.0	-18.5	20
275.0	-18.5	20	295.0	-18.5	20	315.0	-18.5	20	335.0	-18.5	20	355.0	-18.5	20
375.0	-18.5	20	395.0	-18.5	20	415.0	-18.5	20	435.0	-18.5	20	455.0	-18.5	20
475.0	-18.5	20	495.0	-18.5	20	515.0	-18.5	20	535.0	-18.5	20	555.0	-18.5	20
575.0	-18.5	20	595.0	-18.5	20	615.0	-18.5	20	635.0	-18.5	20	655.0	-18.5	20
675.0	-18.5	20	695.0	-18.5	20	715.0	-18.5	20	735.0	-18.5	20	755.0	-18.5	20
775.0	-18.5	20	795.0	-18.5	20	815.0	-18.5	20	835.0	-18.5	20	855.0	-18.5	20
875.0	-18.5	20	-925.0	18.5	20	-905.0	18.5	20	-885.0	18.5	20	-865.0	18.5	20
-845.0	18.5	20	-825.0	18.5	20	-805.0	18.5	20	-785.0	18.5	20	-765.0	18.5	20
-745.0	18.5	20	-725.0	18.5	20	-705.0	18.5	20	-685.0	18.5	20	-665.0	18.5	20
-645.0	18.5	20	-625.0	18.5	20	-605.0	18.5	20	-585.0	18.5	20	-565.0	18.5	20
-545.0	18.5	20	-525.0	18.5	20	-505.0	18.5	20	-485.0	18.5	20	-465.0	18.5	20
-445.0	18.5	20	-425.0	18.5	20	-405.0	18.5	20	-385.0	18.5	20	-365.0	18.5	20
-345.0	18.5	20	-325.0	18.5	20	-305.0	18.5	20	-285.0	18.5	20	-265.0	18.5	20
-245.0	18.5	20	-225.0	18.5	20	-205.0	18.5	20	-185.0	18.5	20	-165.0	18.5	20
-145.0	18.5	20	-125.0	18.5	20	-105.0	18.5	20	-85.0	18.5	20	-65.0	18.5	20
-45.0	18.5	20	-25.0	18.5	20	-5.0	18.5	20	15.0	18.5	20	35.0	18.5	20
55.0	18.5	20	75.0	18.5	20	95.0	18.5	20	115.0	18.5	20	135.0	18.5	20
155.0	18.5	20	175.0	18.5	20	195.0	18.5	20	215.0	18.5	20	235.0	18.5	20
255.0	18.5	20	275.0	18.5	20	295.0	18.5	20	315.0	18.5	20	335.0	18.5	20
355.0	18.5	20	375.0	18.5	20	395.0	18.5	20	415.0	18.5	20	435.0	18.5	20
455.0	18.5	20	475.0	18.5	20	495.0	18.5	20	515.0	18.5	20	535.0	18.5	20
555.0	18.5	20	575.0	18.5	20	595.0	18.5	20	615.0	18.5	20	635.0	18.5	20
655.0	18.5	20	675.0	18.5	20	695.0	18.5	20	715.0	18.5	20	735.0	18.5	20
755.0	18.5	20	775.0	18.5	20	795.0	18.5	20	815.0	18.5	20	835.0	18.5	20
855.0	18.5	20	875.0	18.5	20	15.1	-18.5	20	15.1	18.5	20	20.5	-18.5	20
20.5	18.5	20	30.0	-18.5	20	30.0	18.5	20	39.8	-18.5	20	39.8	18.5	20
137.2	-18.5	20	137.2	18.5	20	148.5	-18.5	20	148.5	18.5	20	117.5	-18.5	20
117.5	18.5	20	-291.0	-18.5	20	-291.0	18.5	20	-347.5	-18.5	20	-347.5	18.5	20
124.5	-18.5	20	124.5	18.5	20	101.2	-18.5	20	101.2	18.5	20	208.4	-18.5	20
208.4	18.5	20	365.3	-18.5	20	365.3	18.5	20	109.6	-18.5	20	109.6	18.5	20
198.0	-18.5	20	198.0	18.5	20	279.4	-18.5	20	279.4	18.5	20	362.1	-18.5	20
362.1	18.5	20	128.1	-18.5	20	128.1	18.5	20	160.2	-18.5	20	160.2	18.5	20
86.5	-18.5	20	86.5	18.5	20	143.5	-18.5	20	143.5	18.5	20	-188.0	-18.5	20
-188.0	18.5	20	160.0	-18.5	20	160.0	18.5	20	346.8	-18.5	20	346.8	18.5	20
176.7	-18.5	20	176.7	18.5	20	-335.0	-18.5	20	-335.0	18.5	20	-315.0	-18.5	20
-315.0	18.5	20	-295.0	-18.5	20	-295.0	18.5	20	-275.0	-18.5	20	-275.0	18.5	20
-255.0	-18.5	20	-255.0	18.5	20	-235.0	-18.5	20	-235.0	18.5	20	-215.0	-18.5	20
-215.0	18.5	20	-195.0	-18.5	20	-195.0	18.5	20	-175.0	-18.5	20	-175.0	18.5	20
-155.0	-18.5	20	-155.0	18.5	20	-135.0	-18.5	20	-135.0	18.5	20	-115.0	-18.5	20
-115.0	18.5	20	-95.0	-18.5	20	-95.0	18.5	20	-75.0	-18.5	20	-75.0	18.5	20
-55.0	-18.5	20	-55.0	18.5	20	-35.0	-18.5	20	-35.0	18.5	20	-15.0	-18.5	20
-15.0	18.5	20	5.0	-18.5	20	5.0	18.5	20	25.0	-18.5	20	25.0	18.5	20
52.5	-18.5	20	52.5	18.5	20	72.5	-18.5	20	72.5	18.5	20	92.5	-18.5	20
92.5	18.5	20	112.5	-18.5	20	112.5	18.5	20	132.5	-18.5	20	132.5	18.5	20
152.5	-18.5	20	152.5	18.5	20	172.5	-18.5	20	172.5	18.5	20	192.5	-18.5	20
192.5	18.5	20	212.5	-18.5	20	212.5	18.5	20	232.5	-18.5	20	232.5	18.5	20
252.5	-18.5	20	252.5	18.5	20	272.5	-18.5	20	272.5	18.5	20	292.5	-18.5	20
292.5	18.5	20	312.5	-18.5	20	312.5	18.5	20	332.5	-18.5	20	332.5	18.5	20
352.5	-18.5	20	352.5	18.5	20	372.5	-18.5	20	372.5	18.5	20	392.5	-18.5	20
392.5	18.5	20	412.5	-18.5	20	412.5	18.5	20	432.5	-18.5	20	432.5	18.5	20

452.5	-18.5	20	452.5	18.5	20	472.5	-18.5	20	472.5	18.5	20	492.5	-18.5	20
492.5	18.5	20	512.5	-18.5	20	512.5	18.5	20	532.5	-18.5	20	532.5	18.5	20
552.5	-18.5	20	552.5	18.5	20	572.5	-18.5	20	572.5	18.5	20	592.5	-18.5	20
592.5	18.5	20	612.5	-18.5	20	612.5	18.5	20	632.5	-18.5	20	632.5	18.5	20
652.5	-18.5	20	652.5	18.5	20	672.5	-18.5	20	672.5	18.5	20	692.5	-18.5	20
692.5	18.5	20	712.5	-18.5	20	712.5	18.5	20	732.5	-18.5	20	732.5	18.5	20
752.5	-18.5	20	752.5	18.5	20	772.5	-18.5	20	772.5	18.5	20	792.5	-18.5	20
792.5	18.5	20	812.5	-18.5	20	812.5	18.5	20	832.5	-18.5	20	832.5	18.5	20
852.5	-18.5	20	852.5	18.5	20	872.5	-18.5	20	872.5	18.5	20			

Sezione a quota 267

Coordinate dei vertici

X	Y
-945.0	25.0
-945.0	258.3
-900.0	258.3
-900.0	25.0
845.0	25.0
845.0	258.3
895.0	258.3
895.0	25.0
895.0	-25.0
-945.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-925.0	-18.5	20	-905.0	-18.5	20	-885.0	-18.5	20	-865.0	-18.5	20	-845.0	-18.5	20
-825.0	-18.5	20	-805.0	-18.5	20	-785.0	-18.5	20	-765.0	-18.5	20	-745.0	-18.5	20
-725.0	-18.5	20	-705.0	-18.5	20	-685.0	-18.5	20	-665.0	-18.5	20	-645.0	-18.5	20
-625.0	-18.5	20	-605.0	-18.5	20	-585.0	-18.5	20	-565.0	-18.5	20	-545.0	-18.5	20
-525.0	-18.5	20	-505.0	-18.5	20	-485.0	-18.5	20	-465.0	-18.5	20	-445.0	-18.5	20
-425.0	-18.5	20	-405.0	-18.5	20	-385.0	-18.5	20	-365.0	-18.5	20	-345.0	-18.5	20
-325.0	-18.5	20	-305.0	-18.5	20	-285.0	-18.5	20	-265.0	-18.5	20	-245.0	-18.5	20
-225.0	-18.5	20	-205.0	-18.5	20	-185.0	-18.5	20	-165.0	-18.5	20	-145.0	-18.5	20
-125.0	-18.5	20	-105.0	-18.5	20	-85.0	-18.5	20	-65.0	-18.5	20	-45.0	-18.5	20
-25.0	-18.5	20	-5.0	-18.5	20	15.0	-18.5	20	35.0	-18.5	20	55.0	-18.5	20
75.0	-18.5	20	95.0	-18.5	20	115.0	-18.5	20	135.0	-18.5	20	155.0	-18.5	20
175.0	-18.5	20	195.0	-18.5	20	215.0	-18.5	20	235.0	-18.5	20	255.0	-18.5	20
275.0	-18.5	20	295.0	-18.5	20	315.0	-18.5	20	335.0	-18.5	20	355.0	-18.5	20
375.0	-18.5	20	395.0	-18.5	20	415.0	-18.5	20	435.0	-18.5	20	455.0	-18.5	20
475.0	-18.5	20	495.0	-18.5	20	515.0	-18.5	20	535.0	-18.5	20	555.0	-18.5	20
575.0	-18.5	20	595.0	-18.5	20	615.0	-18.5	20	635.0	-18.5	20	655.0	-18.5	20
675.0	-18.5	20	695.0	-18.5	20	715.0	-18.5	20	735.0	-18.5	20	755.0	-18.5	20
775.0	-18.5	20	795.0	-18.5	20	815.0	-18.5	20	835.0	-18.5	20	855.0	-18.5	20
875.0	-18.5	20	-925.0	18.5	20	-905.0	18.5	20	-885.0	18.5	20	-865.0	18.5	20
-845.0	18.5	20	-825.0	18.5	20	-805.0	18.5	20	-785.0	18.5	20	-765.0	18.5	20
-745.0	18.5	20	-725.0	18.5	20	-705.0	18.5	20	-685.0	18.5	20	-665.0	18.5	20
-645.0	18.5	20	-625.0	18.5	20	-605.0	18.5	20	-585.0	18.5	20	-565.0	18.5	20
-545.0	18.5	20	-525.0	18.5	20	-505.0	18.5	20	-485.0	18.5	20	-465.0	18.5	20
-445.0	18.5	20	-425.0	18.5	20	-405.0	18.5	20	-385.0	18.5	20	-365.0	18.5	20
-345.0	18.5	20	-325.0	18.5	20	-305.0	18.5	20	-285.0	18.5	20	-265.0	18.5	20
-245.0	18.5	20	-225.0	18.5	20	-205.0	18.5	20	-185.0	18.5	20	-165.0	18.5	20
-145.0	18.5	20	-125.0	18.5	20	-105.0	18.5	20	-85.0	18.5	20	-65.0	18.5	20
-45.0	18.5	20	-25.0	18.5	20	-5.0	18.5	20	15.0	18.5	20	35.0	18.5	20
55.0	18.5	20	75.0	18.5	20	95.0	18.5	20	115.0	18.5	20	135.0	18.5	20
155.0	18.5	20	175.0	18.5	20	195.0	18.5	20	215.0	18.5	20	235.0	18.5	20
255.0	18.5	20	275.0	18.5	20	295.0	18.5	20	315.0	18.5	20	335.0	18.5	20
355.0	18.5	20	375.0	18.5	20	395.0	18.5	20	415.0	18.5	20	435.0	18.5	20
455.0	18.5	20	475.0	18.5	20	495.0	18.5	20	515.0	18.5	20	535.0	18.5	20
555.0	18.5	20	575.0	18.5	20	595.0	18.5	20	615.0	18.5	20	635.0	18.5	20
655.0	18.5	20	675.0	18.5	20	695.0	18.5	20	715.0	18.5	20	735.0	18.5	20
755.0	18.5	20	775.0	18.5	20	795.0	18.5	20	815.0	18.5	20	835.0	18.5	20
855.0	18.5	20	875.0	18.5	20	15.1	-18.5	20	15.1	18.5	20	20.5	-18.5	20
20.5	18.5	20	30.0	-18.5	20	30.0	18.5	20	39.8	-18.5	20	39.8	18.5	20
137.2	-18.5	20	137.2	18.5	20	148.5	-18.5	20	148.5	18.5	20	117.5	-18.5	20
117.5	18.5	20	-291.0	-18.5	20	-291.0	18.5	20	-347.5	-18.5	20	-347.5	18.5	20
124.5	-18.5	20	124.5	18.5	20	101.2	-18.5	20	101.2	18.5	20	208.4	-18.5	20
208.4	18.5	20	365.3	-18.5	20	365.3	18.5	20	109.6	-18.5	20	109.6	18.5	20
198.0	-18.5	20	198.0	18.5	20	279.4	-18.5	20	279.4	18.5	20	362.1	-18.5	20
362.1	18.5	20	128.1	-18.5	20	128.1	18.5	20	160.2	-18.5	20	160.2	18.5	20
86.5	-18.5	20	86.5	18.5	20	143.5	-18.5	20	143.5	18.5	20	-188.0	-18.5	20
-188.0	18.5	20	160.0	-18.5	20	160.0	18.5	20	346.8	-18.5	20	346.8	18.5	20
176.7	-18.5	20	176.7	18.5	20	-335.0	-18.5	20	-335.0	18.5	20	-315.0	-18.5	20
-315.0	18.5	20	-295.0	-18.5	20	-295.0	18.5	20	-275.0	-18.5	20	-275.0	18.5	20
-255.0	-18.5	20	-255.0	18.5	20	-235.0	-18.5	20	-235.0	18.5	20	-215.0	-18.5	20
-215.0	18.5	20	-195.0	-18.5	20	-195.0	18.5	20	-175.0	-18.5	20	-175.0	18.5	20
-155.0	-18.5	20	-155.0	18.5	20	-135.0	-18.5	20	-135.0	18.5	20	-115.0	-18.5	20
-115.0	18.5	20	-95.0	-18.5	20	-95.0	18.5	20	-75.0	-18.5	20	-75.0	18.5	20
-55.0	-18.5	20	-55.0	18.5	20	-35.0	-18.5	20	-35.0	18.5	20	-15.0	-18.5	20
-15.0	18.5	20	5.0	-18.5	20	5.0	18.5	20	25.0	-18.5	20	25.0	18.5	20
52.5	-18.5	20	52.5	18.5	20	72.5	-18.5	20	72.5	18.5	20	92.5	-18.5	20
92.5	18.5	20	112.5	-18.5	20	112.5	18.5	20	132.5	-18.5	20	132.5	18.5	20
152.5	-18.5	20	152.5	18.5	20	172.5	-18.5	20	172.5	18.5	20	192.5	-18.5	20
192.5	18.5	20	212.5	-18.5	20	212.5	18.5	20	232.5	-18.5	20	232.5	18.5	20
252.5	-18.5	20	252.5	18.5	20	272.5	-18.5	20	272.5	18.5	20	292.5	-18.5	20
292.5	18.5	20	312.5	-18.5	20	312.5	18.5	20	332.5	-18.5	20	332.5	18.5	20
352.5	-18.5	20	352.5	18.5	20	372.5	-18.5	20	372.5	18.5	20	392.5	-18.5	20
392.5	18.5	20	412.5	-18.5	20	412.5	18.5	20	432.5	-18.5	20	432.5	18.5	20
452.5	-18.5	20	452.5	18.5	20	472.5	-18.5	20	472.5	18.5	20	492.5	-18.5	20
492.5	18.5	20	512.5	-18.5	20	512.5	18.5	20	532.5	-18.5	20	532.5	18.5	20
552.5	-18.5	20	552.5	18.5	20	572.5	-18.5	20	572.5	18.5	20	592.5	-18.5	20
592.5	18.5	20	612.5	-18.5	20	612.5	18.5	20	632.5	-18.5	20	632.5	18.5	20
652.5	-18.5	20	652.5	18.5	20	672.5	-18.5	20	672.5	18.5	20	692.5	-18.5	20
692.5	18.5	20	712.5	-18.5	20	712.5	18.5	20	732.5	-18.5	20	732.5	18.5	20

752.5	-18.5	20	752.5	18.5	20	772.5	-18.5	20	772.5	18.5	20	792.5	-18.5	20
792.5	18.5	20	812.5	-18.5	20	812.5	18.5	20	832.5	-18.5	20	832.5	18.5	20
852.5	-18.5	20	852.5	18.5	20	872.5	-18.5	20	872.5	18.5	20			

Sezione a quota 269
Coordinate dei vertici

X	Y
-945.0	25.0
-945.0	257.8
-900.0	257.8
-900.0	25.0
845.0	25.0
845.0	257.8
895.0	257.8
895.0	25.0
895.0	-25.0
-945.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-925.0	-18.5	20	-905.0	-18.5	20	-885.0	-18.5	20	-865.0	-18.5	20	-845.0	-18.5	20
-825.0	-18.5	20	-805.0	-18.5	20	-785.0	-18.5	20	-765.0	-18.5	20	-745.0	-18.5	20
-725.0	-18.5	20	-705.0	-18.5	20	-685.0	-18.5	20	-665.0	-18.5	20	-645.0	-18.5	20
-625.0	-18.5	20	-605.0	-18.5	20	-585.0	-18.5	20	-565.0	-18.5	20	-545.0	-18.5	20
-525.0	-18.5	20	-505.0	-18.5	20	-485.0	-18.5	20	-465.0	-18.5	20	-445.0	-18.5	20
-425.0	-18.5	20	-405.0	-18.5	20	-385.0	-18.5	20	-365.0	-18.5	20	-345.0	-18.5	20
-325.0	-18.5	20	-305.0	-18.5	20	-285.0	-18.5	20	-265.0	-18.5	20	-245.0	-18.5	20
-225.0	-18.5	20	-205.0	-18.5	20	-185.0	-18.5	20	-165.0	-18.5	20	-145.0	-18.5	20
-125.0	-18.5	20	-105.0	-18.5	20	-85.0	-18.5	20	-65.0	-18.5	20	-45.0	-18.5	20
-25.0	-18.5	20	-5.0	-18.5	20	15.0	-18.5	20	35.0	-18.5	20	55.0	-18.5	20
75.0	-18.5	20	95.0	-18.5	20	115.0	-18.5	20	135.0	-18.5	20	155.0	-18.5	20
175.0	-18.5	20	195.0	-18.5	20	215.0	-18.5	20	235.0	-18.5	20	255.0	-18.5	20
275.0	-18.5	20	295.0	-18.5	20	315.0	-18.5	20	335.0	-18.5	20	355.0	-18.5	20
375.0	-18.5	20	395.0	-18.5	20	415.0	-18.5	20	435.0	-18.5	20	455.0	-18.5	20
475.0	-18.5	20	495.0	-18.5	20	515.0	-18.5	20	535.0	-18.5	20	555.0	-18.5	20
575.0	-18.5	20	595.0	-18.5	20	615.0	-18.5	20	635.0	-18.5	20	655.0	-18.5	20
675.0	-18.5	20	695.0	-18.5	20	715.0	-18.5	20	735.0	-18.5	20	755.0	-18.5	20
775.0	-18.5	20	795.0	-18.5	20	815.0	-18.5	20	835.0	-18.5	20	855.0	-18.5	20
875.0	-18.5	20	-925.0	18.5	20	-905.0	18.5	20	-885.0	18.5	20	-865.0	18.5	20
-845.0	18.5	20	-825.0	18.5	20	-805.0	18.5	20	-785.0	18.5	20	-765.0	18.5	20
-745.0	18.5	20	-725.0	18.5	20	-705.0	18.5	20	-685.0	18.5	20	-665.0	18.5	20
-645.0	18.5	20	-625.0	18.5	20	-605.0	18.5	20	-585.0	18.5	20	-565.0	18.5	20
-545.0	18.5	20	-525.0	18.5	20	-505.0	18.5	20	-485.0	18.5	20	-465.0	18.5	20
-445.0	18.5	20	-425.0	18.5	20	-405.0	18.5	20	-385.0	18.5	20	-365.0	18.5	20
-345.0	18.5	20	-325.0	18.5	20	-305.0	18.5	20	-285.0	18.5	20	-265.0	18.5	20
-245.0	18.5	20	-225.0	18.5	20	-205.0	18.5	20	-185.0	18.5	20	-165.0	18.5	20
-145.0	18.5	20	-125.0	18.5	20	-105.0	18.5	20	-85.0	18.5	20	-65.0	18.5	20
-45.0	18.5	20	-25.0	18.5	20	-5.0	18.5	20	15.0	18.5	20	35.0	18.5	20
55.0	18.5	20	75.0	18.5	20	95.0	18.5	20	115.0	18.5	20	135.0	18.5	20
155.0	18.5	20	175.0	18.5	20	195.0	18.5	20	215.0	18.5	20	235.0	18.5	20
255.0	18.5	20	275.0	18.5	20	295.0	18.5	20	315.0	18.5	20	335.0	18.5	20
355.0	18.5	20	375.0	18.5	20	395.0	18.5	20	415.0	18.5	20	435.0	18.5	20
455.0	18.5	20	475.0	18.5	20	495.0	18.5	20	515.0	18.5	20	535.0	18.5	20
555.0	18.5	20	575.0	18.5	20	595.0	18.5	20	615.0	18.5	20	635.0	18.5	20
655.0	18.5	20	675.0	18.5	20	695.0	18.5	20	715.0	18.5	20	735.0	18.5	20
755.0	18.5	20	775.0	18.5	20	795.0	18.5	20	815.0	18.5	20	835.0	18.5	20
855.0	18.5	20	875.0	18.5	20	15.1	-18.5	20	15.1	18.5	20	20.5	-18.5	20
20.5	18.5	20	30.0	-18.5	20	30.0	18.5	20	39.8	-18.5	20	39.8	18.5	20
137.2	-18.5	20	137.2	18.5	20	148.5	-18.5	20	148.5	18.5	20	117.5	-18.5	20
117.5	18.5	20	-291.0	-18.5	20	-291.0	18.5	20	-347.5	-18.5	20	-347.5	18.5	20
124.5	-18.5	20	124.5	18.5	20	101.2	-18.5	20	101.2	18.5	20	208.4	-18.5	20
208.4	18.5	20	365.3	-18.5	20	365.3	18.5	20	109.6	-18.5	20	109.6	18.5	20
198.0	-18.5	20	198.0	18.5	20	279.4	-18.5	20	279.4	18.5	20	362.1	-18.5	20
362.1	18.5	20	128.1	-18.5	20	128.1	18.5	20	160.2	-18.5	20	160.2	18.5	20
86.5	-18.5	20	86.5	18.5	20	143.5	-18.5	20	143.5	18.5	20	-188.0	-18.5	20
-188.0	18.5	20	160.0	-18.5	20	160.0	18.5	20	346.8	-18.5	20	346.8	18.5	20
176.7	-18.5	20	176.7	18.5	20	-335.0	-18.5	20	-335.0	18.5	20	-315.0	-18.5	20
-315.0	18.5	20	-295.0	-18.5	20	-295.0	18.5	20	-275.0	-18.5	20	-275.0	18.5	20
-255.0	-18.5	20	-255.0	18.5	20	-235.0	-18.5	20	-235.0	18.5	20	-215.0	-18.5	20
-215.0	18.5	20	-195.0	-18.5	20	-195.0	18.5	20	-175.0	-18.5	20	-175.0	18.5	20
-155.0	-18.5	20	-155.0	18.5	20	-135.0	-18.5	20	-135.0	18.5	20	-115.0	-18.5	20
-115.0	18.5	20	-95.0	-18.5	20	-95.0	18.5	20	-75.0	-18.5	20	-75.0	18.5	20
-55.0	-18.5	20	-55.0	18.5	20	-35.0	-18.5	20	-35.0	18.5	20	-15.0	-18.5	20
-15.0	18.5	20	5.0	-18.5	20	5.0	18.5	20	25.0	-18.5	20	25.0	18.5	20
52.5	-18.5	20	52.5	18.5	20	72.5	-18.5	20	72.5	18.5	20	92.5	-18.5	20
92.5	18.5	20	112.5	-18.5	20	112.5	18.5	20	132.5	-18.5	20	132.5	18.5	20
152.5	-18.5	20	152.5	18.5	20	172.5	-18.5	20	172.5	18.5	20	192.5	-18.5	20
192.5	18.5	20	212.5	-18.5	20	212.5	18.5	20	232.5	-18.5	20	232.5	18.5	20
252.5	-18.5	20	252.5	18.5	20	272.5	-18.5	20	272.5	18.5	20	292.5	-18.5	20
292.5	18.5	20	312.5	-18.5	20	312.5	18.5	20	332.5	-18.5	20	332.5	18.5	20
352.5	-18.5	20	352.5	18.5	20	372.5	-18.5	20	372.5	18.5	20	392.5	-18.5	20
392.5	18.5	20	412.5	-18.5	20	412.5	18.5	20	432.5	-18.5	20	432.5	18.5	20
452.5	-18.5	20	452.5	18.5	20	472.5	-18.5	20	472.5	18.5	20	492.5	-18.5	20
492.5	18.5	20	512.5	-18.5	20	512.5	18.5	20	532.5	-18.5	20	532.5	18.5	20
552.5	-18.5	20	552.5	18.5	20	572.5	-18.5	20	572.5	18.5	20	592.5	-18.5	20
592.5	18.5	20	612.5	-18.5	20	612.5	18.5	20	632.5	-18.5	20	632.5	18.5	20
652.5	-18.5	20	652.5	18.5	20	672.5	-18.5	20	672.5	18.5	20	692.5	-18.5	20
692.5	18.5	20	712.5	-18.5	20	712.5	18.5	20	732.5	-18.5	20	732.5	18.5	20
752.5	-18.5	20	752.5	18.5	20	772.5	-18.5	20	772.5	18.5	20	792.5	-18.5	20
792.5	18.5	20	812.5	-18.5	20	812.5	18.5	20	832.5	-18.5	20	832.5	18.5	20
852.5	-18.5	20	852.5	18.5	20	872.5	-18.5	20	872.5	18.5	20			

Sezione a quota 271
Coordinate dei vertici

X	Y
-945.0	25.0
-945.0	257.3
-900.0	257.3
-900.0	25.0
845.0	25.0
845.0	257.3
895.0	257.3
895.0	25.0
895.0	-25.0
-945.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-925.0	-18.5	20	-905.0	-18.5	20	-885.0	-18.5	20	-865.0	-18.5	20	-845.0	-18.5	20
-825.0	-18.5	20	-805.0	-18.5	20	-785.0	-18.5	20	-765.0	-18.5	20	-745.0	-18.5	20
-725.0	-18.5	20	-705.0	-18.5	20	-685.0	-18.5	20	-665.0	-18.5	20	-645.0	-18.5	20
-625.0	-18.5	20	-605.0	-18.5	20	-585.0	-18.5	20	-565.0	-18.5	20	-545.0	-18.5	20
-525.0	-18.5	20	-505.0	-18.5	20	-485.0	-18.5	20	-465.0	-18.5	20	-445.0	-18.5	20
-425.0	-18.5	20	-405.0	-18.5	20	-385.0	-18.5	20	-365.0	-18.5	20	-345.0	-18.5	20
-325.0	-18.5	20	-305.0	-18.5	20	-285.0	-18.5	20	-265.0	-18.5	20	-245.0	-18.5	20
-225.0	-18.5	20	-205.0	-18.5	20	-185.0	-18.5	20	-165.0	-18.5	20	-145.0	-18.5	20
-125.0	-18.5	20	-105.0	-18.5	20	-85.0	-18.5	20	-65.0	-18.5	20	-45.0	-18.5	20
-25.0	-18.5	20	-5.0	-18.5	20	15.0	-18.5	20	35.0	-18.5	20	55.0	-18.5	20
75.0	-18.5	20	95.0	-18.5	20	115.0	-18.5	20	135.0	-18.5	20	155.0	-18.5	20
175.0	-18.5	20	195.0	-18.5	20	215.0	-18.5	20	235.0	-18.5	20	255.0	-18.5	20
275.0	-18.5	20	295.0	-18.5	20	315.0	-18.5	20	335.0	-18.5	20	355.0	-18.5	20
375.0	-18.5	20	395.0	-18.5	20	415.0	-18.5	20	435.0	-18.5	20	455.0	-18.5	20
475.0	-18.5	20	495.0	-18.5	20	515.0	-18.5	20	535.0	-18.5	20	555.0	-18.5	20
575.0	-18.5	20	595.0	-18.5	20	615.0	-18.5	20	635.0	-18.5	20	655.0	-18.5	20
675.0	-18.5	20	695.0	-18.5	20	715.0	-18.5	20	735.0	-18.5	20	755.0	-18.5	20
775.0	-18.5	20	795.0	-18.5	20	815.0	-18.5	20	835.0	-18.5	20	855.0	-18.5	20
875.0	-18.5	20	-925.0	18.5	20	-905.0	18.5	20	-885.0	18.5	20	-865.0	18.5	20
-845.0	18.5	20	-825.0	18.5	20	-805.0	18.5	20	-785.0	18.5	20	-765.0	18.5	20
-745.0	18.5	20	-725.0	18.5	20	-705.0	18.5	20	-685.0	18.5	20	-665.0	18.5	20
-645.0	18.5	20	-625.0	18.5	20	-605.0	18.5	20	-585.0	18.5	20	-565.0	18.5	20
-545.0	18.5	20	-525.0	18.5	20	-505.0	18.5	20	-485.0	18.5	20	-465.0	18.5	20
-445.0	18.5	20	-425.0	18.5	20	-405.0	18.5	20	-385.0	18.5	20	-365.0	18.5	20
-345.0	18.5	20	-325.0	18.5	20	-305.0	18.5	20	-285.0	18.5	20	-265.0	18.5	20
-245.0	18.5	20	-225.0	18.5	20	-205.0	18.5	20	-185.0	18.5	20	-165.0	18.5	20
-145.0	18.5	20	-125.0	18.5	20	-105.0	18.5	20	-85.0	18.5	20	-65.0	18.5	20
-45.0	18.5	20	-25.0	18.5	20	-5.0	18.5	20	15.0	18.5	20	35.0	18.5	20
55.0	18.5	20	75.0	18.5	20	95.0	18.5	20	115.0	18.5	20	135.0	18.5	20
155.0	18.5	20	175.0	18.5	20	195.0	18.5	20	215.0	18.5	20	235.0	18.5	20
255.0	18.5	20	275.0	18.5	20	295.0	18.5	20	315.0	18.5	20	335.0	18.5	20
355.0	18.5	20	375.0	18.5	20	395.0	18.5	20	415.0	18.5	20	435.0	18.5	20
455.0	18.5	20	475.0	18.5	20	495.0	18.5	20	515.0	18.5	20	535.0	18.5	20
555.0	18.5	20	575.0	18.5	20	595.0	18.5	20	615.0	18.5	20	635.0	18.5	20
655.0	18.5	20	675.0	18.5	20	695.0	18.5	20	715.0	18.5	20	735.0	18.5	20
755.0	18.5	20	775.0	18.5	20	795.0	18.5	20	815.0	18.5	20	835.0	18.5	20
855.0	18.5	20	875.0	18.5	20	15.1	-18.5	20	15.1	18.5	20	20.5	-18.5	20
20.5	18.5	20	30.0	-18.5	20	30.0	18.5	20	137.2	-18.5	20	137.2	18.5	20
148.5	-18.5	20	148.5	18.5	20	117.5	-18.5	20	117.5	18.5	20	-291.0	-18.5	20
-291.0	18.5	20	-347.5	-18.5	20	-347.5	18.5	20	124.5	-18.5	20	124.5	18.5	20
101.2	-18.5	20	101.2	18.5	20	208.4	-18.5	20	208.4	18.5	20	365.3	-18.5	20
365.3	18.5	20	109.6	-18.5	20	109.6	18.5	20	198.0	-18.5	20	198.0	18.5	20
279.4	-18.5	20	279.4	18.5	20	362.1	-18.5	20	362.1	18.5	20	128.1	-18.5	20
128.1	18.5	20	160.2	-18.5	20	160.2	18.5	20	86.5	-18.5	20	86.5	18.5	20
143.5	-18.5	20	143.5	18.5	20	-188.0	-18.5	20	-188.0	18.5	20	160.0	-18.5	20
160.0	18.5	20	346.8	-18.5	20	346.8	18.5	20	176.7	-18.5	20	176.7	18.5	20
-335.0	-18.5	20	-335.0	18.5	20	-315.0	-18.5	20	-315.0	18.5	20	-295.0	-18.5	20
-295.0	18.5	20	-275.0	-18.5	20	-275.0	18.5	20	-255.0	-18.5	20	-255.0	18.5	20
-235.0	-18.5	20	-235.0	18.5	20	-215.0	-18.5	20	-215.0	18.5	20	-195.0	-18.5	20
-195.0	18.5	20	-175.0	-18.5	20	-175.0	18.5	20	-155.0	-18.5	20	-155.0	18.5	20
-135.0	-18.5	20	-135.0	18.5	20	-115.0	-18.5	20	-115.0	18.5	20	-95.0	-18.5	20
-95.0	18.5	20	-75.0	-18.5	20	-75.0	18.5	20	-55.0	-18.5	20	-55.0	18.5	20
-35.0	-18.5	20	-35.0	18.5	20	-15.0	-18.5	20	-15.0	18.5	20	5.0	-18.5	20
5.0	18.5	20	25.0	-18.5	20	25.0	18.5	20						

Sezione a quota 433

Coordinate dei vertici

X	Y
-945.0	25.0
-945.0	216.9
-900.0	216.9
-900.0	25.0
845.0	25.0
845.0	216.9
895.0	216.9
895.0	25.0
895.0	-25.0
-945.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-925.0	-18.5	20	-905.0	-18.5	20	-885.0	-18.5	20	-865.0	-18.5	20	-845.0	-18.5	20
-825.0	-18.5	20	-805.0	-18.5	20	-785.0	-18.5	20	-765.0	-18.5	20	-745.0	-18.5	20
-725.0	-18.5	20	-705.0	-18.5	20	-685.0	-18.5	20	-665.0	-18.5	20	-645.0	-18.5	20
-625.0	-18.5	20	-605.0	-18.5	20	-585.0	-18.5	20	-565.0	-18.5	20	-545.0	-18.5	20
-525.0	-18.5	20	-505.0	-18.5	20	-485.0	-18.5	20	-465.0	-18.5	20	-445.0	-18.5	20
-425.0	-18.5	20	-405.0	-18.5	20	-385.0	-18.5	20	-365.0	-18.5	20	-345.0	-18.5	20
-325.0	-18.5	20	-305.0	-18.5	20	-285.0	-18.5	20	-265.0	-18.5	20	-245.0	-18.5	20
-225.0	-18.5	20	-205.0	-18.5	20	-185.0	-18.5	20	-165.0	-18.5	20	-145.0	-18.5	20
-125.0	-18.5	20	-105.0	-18.5	20	-85.0	-18.5	20	-65.0	-18.5	20	-45.0	-18.5	20

-25.0	-18.5	20	-5.0	-18.5	20	15.0	-18.5	20	35.0	-18.5	20	55.0	-18.5	20
75.0	-18.5	20	95.0	-18.5	20	115.0	-18.5	20	135.0	-18.5	20	155.0	-18.5	20
175.0	-18.5	20	195.0	-18.5	20	215.0	-18.5	20	235.0	-18.5	20	255.0	-18.5	20
275.0	-18.5	20	295.0	-18.5	20	315.0	-18.5	20	335.0	-18.5	20	355.0	-18.5	20
375.0	-18.5	20	395.0	-18.5	20	415.0	-18.5	20	435.0	-18.5	20	455.0	-18.5	20
475.0	-18.5	20	495.0	-18.5	20	515.0	-18.5	20	535.0	-18.5	20	555.0	-18.5	20
575.0	-18.5	20	595.0	-18.5	20	615.0	-18.5	20	635.0	-18.5	20	655.0	-18.5	20
675.0	-18.5	20	695.0	-18.5	20	715.0	-18.5	20	735.0	-18.5	20	755.0	-18.5	20
775.0	-18.5	20	795.0	-18.5	20	815.0	-18.5	20	835.0	-18.5	20	855.0	-18.5	20
875.0	-18.5	20	-925.0	18.5	20	-905.0	18.5	20	-885.0	18.5	20	-865.0	18.5	20
-845.0	18.5	20	-825.0	18.5	20	-805.0	18.5	20	-785.0	18.5	20	-765.0	18.5	20
-745.0	18.5	20	-725.0	18.5	20	-705.0	18.5	20	-685.0	18.5	20	-665.0	18.5	20
-645.0	18.5	20	-625.0	18.5	20	-605.0	18.5	20	-585.0	18.5	20	-565.0	18.5	20
-545.0	18.5	20	-525.0	18.5	20	-505.0	18.5	20	-485.0	18.5	20	-465.0	18.5	20
-445.0	18.5	20	-425.0	18.5	20	-405.0	18.5	20	-385.0	18.5	20	-365.0	18.5	20
-345.0	18.5	20	-325.0	18.5	20	-305.0	18.5	20	-285.0	18.5	20	-265.0	18.5	20
-245.0	18.5	20	-225.0	18.5	20	-205.0	18.5	20	-185.0	18.5	20	-165.0	18.5	20
-145.0	18.5	20	-125.0	18.5	20	-105.0	18.5	20	-85.0	18.5	20	-65.0	18.5	20
-45.0	18.5	20	-25.0	18.5	20	-5.0	18.5	20	15.0	18.5	20	35.0	18.5	20
55.0	18.5	20	75.0	18.5	20	95.0	18.5	20	115.0	18.5	20	135.0	18.5	20
155.0	18.5	20	175.0	18.5	20	195.0	18.5	20	215.0	18.5	20	235.0	18.5	20
255.0	18.5	20	275.0	18.5	20	295.0	18.5	20	315.0	18.5	20	335.0	18.5	20
355.0	18.5	20	375.0	18.5	20	395.0	18.5	20	415.0	18.5	20	435.0	18.5	20
455.0	18.5	20	475.0	18.5	20	495.0	18.5	20	515.0	18.5	20	535.0	18.5	20
555.0	18.5	20	575.0	18.5	20	595.0	18.5	20	615.0	18.5	20	635.0	18.5	20
655.0	18.5	20	675.0	18.5	20	695.0	18.5	20	715.0	18.5	20	735.0	18.5	20
755.0	18.5	20	775.0	18.5	20	795.0	18.5	20	815.0	18.5	20	835.0	18.5	20
855.0	18.5	20	875.0	18.5	20									

Sezione a quota 594

Coordinate dei vertici

X	Y
-945.0	25.0
-945.0	176.5
-900.0	176.5
-900.0	25.0
845.0	25.0
845.0	176.5
895.0	176.5
895.0	25.0
895.0	-25.0
-945.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-925.0	-18.5	20	-905.0	-18.5	20	-885.0	-18.5	20	-865.0	-18.5	20	-845.0	-18.5	20
-825.0	-18.5	20	-805.0	-18.5	20	-785.0	-18.5	20	-765.0	-18.5	20	-745.0	-18.5	20
-725.0	-18.5	20	-705.0	-18.5	20	-685.0	-18.5	20	-665.0	-18.5	20	-645.0	-18.5	20
-625.0	-18.5	20	-605.0	-18.5	20	-585.0	-18.5	20	-565.0	-18.5	20	-545.0	-18.5	20
-525.0	-18.5	20	-505.0	-18.5	20	-485.0	-18.5	20	-465.0	-18.5	20	-445.0	-18.5	20
-425.0	-18.5	20	-405.0	-18.5	20	-385.0	-18.5	20	-365.0	-18.5	20	-345.0	-18.5	20
-325.0	-18.5	20	-305.0	-18.5	20	-285.0	-18.5	20	-265.0	-18.5	20	-245.0	-18.5	20
-225.0	-18.5	20	-205.0	-18.5	20	-185.0	-18.5	20	-165.0	-18.5	20	-145.0	-18.5	20
-125.0	-18.5	20	-105.0	-18.5	20	-85.0	-18.5	20	-65.0	-18.5	20	-45.0	-18.5	20
-25.0	-18.5	20	-5.0	-18.5	20	15.0	-18.5	20	35.0	-18.5	20	55.0	-18.5	20
75.0	-18.5	20	95.0	-18.5	20	115.0	-18.5	20	135.0	-18.5	20	155.0	-18.5	20
175.0	-18.5	20	195.0	-18.5	20	215.0	-18.5	20	235.0	-18.5	20	255.0	-18.5	20
275.0	-18.5	20	295.0	-18.5	20	315.0	-18.5	20	335.0	-18.5	20	355.0	-18.5	20
375.0	-18.5	20	395.0	-18.5	20	415.0	-18.5	20	435.0	-18.5	20	455.0	-18.5	20
475.0	-18.5	20	495.0	-18.5	20	515.0	-18.5	20	535.0	-18.5	20	555.0	-18.5	20
575.0	-18.5	20	595.0	-18.5	20	615.0	-18.5	20	635.0	-18.5	20	655.0	-18.5	20
675.0	-18.5	20	695.0	-18.5	20	715.0	-18.5	20	735.0	-18.5	20	755.0	-18.5	20
775.0	-18.5	20	795.0	-18.5	20	815.0	-18.5	20	835.0	-18.5	20	855.0	-18.5	20
875.0	-18.5	20	-925.0	18.5	20	-905.0	18.5	20	-885.0	18.5	20	-865.0	18.5	20
-845.0	18.5	20	-825.0	18.5	20	-805.0	18.5	20	-785.0	18.5	20	-765.0	18.5	20
-745.0	18.5	20	-725.0	18.5	20	-705.0	18.5	20	-685.0	18.5	20	-665.0	18.5	20
-645.0	18.5	20	-625.0	18.5	20	-605.0	18.5	20	-585.0	18.5	20	-565.0	18.5	20
-545.0	18.5	20	-525.0	18.5	20	-505.0	18.5	20	-485.0	18.5	20	-465.0	18.5	20
-445.0	18.5	20	-425.0	18.5	20	-405.0	18.5	20	-385.0	18.5	20	-365.0	18.5	20
-345.0	18.5	20	-325.0	18.5	20	-305.0	18.5	20	-285.0	18.5	20	-265.0	18.5	20
-245.0	18.5	20	-225.0	18.5	20	-205.0	18.5	20	-185.0	18.5	20	-165.0	18.5	20
-145.0	18.5	20	-125.0	18.5	20	-105.0	18.5	20	-85.0	18.5	20	-65.0	18.5	20
-45.0	18.5	20	-25.0	18.5	20	-5.0	18.5	20	15.0	18.5	20	35.0	18.5	20
55.0	18.5	20	75.0	18.5	20	95.0	18.5	20	115.0	18.5	20	135.0	18.5	20
155.0	18.5	20	175.0	18.5	20	195.0	18.5	20	215.0	18.5	20	235.0	18.5	20
255.0	18.5	20	275.0	18.5	20	295.0	18.5	20	315.0	18.5	20	335.0	18.5	20
355.0	18.5	20	375.0	18.5	20	395.0	18.5	20	415.0	18.5	20	435.0	18.5	20
455.0	18.5	20	475.0	18.5	20	495.0	18.5	20	515.0	18.5	20	535.0	18.5	20
555.0	18.5	20	575.0	18.5	20	595.0	18.5	20	615.0	18.5	20	635.0	18.5	20
655.0	18.5	20	675.0	18.5	20	695.0	18.5	20	715.0	18.5	20	735.0	18.5	20
755.0	18.5	20	775.0	18.5	20	795.0	18.5	20	815.0	18.5	20	835.0	18.5	20
855.0	18.5	20	875.0	18.5	20	268.3	-18.5	20	268.3	18.5	20			

Sezione a quota 596

Coordinate dei vertici

X	Y
-945.0	25.0
-945.0	176.0
-900.0	176.0
-900.0	25.0
845.0	25.0
845.0	176.0
895.0	176.0
895.0	25.0

895.0	-25.0
-945.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-925.0	-18.5	20	-905.0	-18.5	20	-885.0	-18.5	20	-865.0	-18.5	20	-845.0	-18.5	20
-825.0	-18.5	20	-805.0	-18.5	20	-785.0	-18.5	20	-765.0	-18.5	20	-745.0	-18.5	20
-725.0	-18.5	20	-705.0	-18.5	20	-685.0	-18.5	20	-665.0	-18.5	20	-645.0	-18.5	20
-625.0	-18.5	20	-605.0	-18.5	20	-585.0	-18.5	20	-565.0	-18.5	20	-545.0	-18.5	20
-525.0	-18.5	20	-505.0	-18.5	20	-485.0	-18.5	20	-465.0	-18.5	20	-445.0	-18.5	20
-425.0	-18.5	20	-405.0	-18.5	20	-385.0	-18.5	20	-365.0	-18.5	20	-345.0	-18.5	20
-325.0	-18.5	20	-305.0	-18.5	20	-285.0	-18.5	20	-265.0	-18.5	20	-245.0	-18.5	20
-225.0	-18.5	20	-205.0	-18.5	20	-185.0	-18.5	20	-165.0	-18.5	20	-145.0	-18.5	20
-125.0	-18.5	20	-105.0	-18.5	20	-85.0	-18.5	20	-65.0	-18.5	20	-45.0	-18.5	20
-25.0	-18.5	20	-5.0	-18.5	20	15.0	-18.5	20	35.0	-18.5	20	55.0	-18.5	20
75.0	-18.5	20	95.0	-18.5	20	115.0	-18.5	20	135.0	-18.5	20	155.0	-18.5	20
175.0	-18.5	20	195.0	-18.5	20	215.0	-18.5	20	235.0	-18.5	20	255.0	-18.5	20
275.0	-18.5	20	295.0	-18.5	20	315.0	-18.5	20	335.0	-18.5	20	355.0	-18.5	20
375.0	-18.5	20	395.0	-18.5	20	415.0	-18.5	20	435.0	-18.5	20	455.0	-18.5	20
475.0	-18.5	20	495.0	-18.5	20	515.0	-18.5	20	535.0	-18.5	20	555.0	-18.5	20
575.0	-18.5	20	595.0	-18.5	20	615.0	-18.5	20	635.0	-18.5	20	655.0	-18.5	20
675.0	-18.5	20	695.0	-18.5	20	715.0	-18.5	20	735.0	-18.5	20	755.0	-18.5	20
775.0	-18.5	20	795.0	-18.5	20	815.0	-18.5	20	835.0	-18.5	20	855.0	-18.5	20
875.0	-18.5	20	-925.0	18.5	20	-905.0	18.5	20	-885.0	18.5	20	-865.0	18.5	20
-845.0	18.5	20	-825.0	18.5	20	-805.0	18.5	20	-785.0	18.5	20	-765.0	18.5	20
-745.0	18.5	20	-725.0	18.5	20	-705.0	18.5	20	-685.0	18.5	20	-665.0	18.5	20
-645.0	18.5	20	-625.0	18.5	20	-605.0	18.5	20	-585.0	18.5	20	-565.0	18.5	20
-545.0	18.5	20	-525.0	18.5	20	-505.0	18.5	20	-485.0	18.5	20	-465.0	18.5	20
-445.0	18.5	20	-425.0	18.5	20	-405.0	18.5	20	-385.0	18.5	20	-365.0	18.5	20
-345.0	18.5	20	-325.0	18.5	20	-305.0	18.5	20	-285.0	18.5	20	-265.0	18.5	20
-245.0	18.5	20	-225.0	18.5	20	-205.0	18.5	20	-185.0	18.5	20	-165.0	18.5	20
-145.0	18.5	20	-125.0	18.5	20	-105.0	18.5	20	-85.0	18.5	20	-65.0	18.5	20
-45.0	18.5	20	-25.0	18.5	20	-5.0	18.5	20	15.0	18.5	20	35.0	18.5	20
55.0	18.5	20	75.0	18.5	20	95.0	18.5	20	115.0	18.5	20	135.0	18.5	20
155.0	18.5	20	175.0	18.5	20	195.0	18.5	20	215.0	18.5	20	235.0	18.5	20
255.0	18.5	20	275.0	18.5	20	295.0	18.5	20	315.0	18.5	20	335.0	18.5	20
355.0	18.5	20	375.0	18.5	20	395.0	18.5	20	415.0	18.5	20	435.0	18.5	20
455.0	18.5	20	475.0	18.5	20	495.0	18.5	20	515.0	18.5	20	535.0	18.5	20
555.0	18.5	20	575.0	18.5	20	595.0	18.5	20	615.0	18.5	20	635.0	18.5	20
655.0	18.5	20	675.0	18.5	20	695.0	18.5	20	715.0	18.5	20	735.0	18.5	20
755.0	18.5	20	775.0	18.5	20	795.0	18.5	20	815.0	18.5	20	835.0	18.5	20
855.0	18.5	20	875.0	18.5	20	268.3	-18.5	20	268.3	18.5	20			

Sezione a quota 613

Coordinate dei vertici

X	Y
-945.0	25.0
-945.0	171.9
-900.0	171.9
-900.0	25.0
845.0	25.0
845.0	171.9
895.0	171.9
895.0	25.0
895.0	-25.0
-945.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-925.0	-18.5	20	-905.0	-18.5	20	-885.0	-18.5	20	-865.0	-18.5	20	-845.0	-18.5	20
-825.0	-18.5	20	-805.0	-18.5	20	-785.0	-18.5	20	-765.0	-18.5	20	-745.0	-18.5	20
-725.0	-18.5	20	-705.0	-18.5	20	-685.0	-18.5	20	-665.0	-18.5	20	-645.0	-18.5	20
-625.0	-18.5	20	-605.0	-18.5	20	-585.0	-18.5	20	-565.0	-18.5	20	-545.0	-18.5	20
-525.0	-18.5	20	-505.0	-18.5	20	-485.0	-18.5	20	-465.0	-18.5	20	-445.0	-18.5	20
-425.0	-18.5	20	-405.0	-18.5	20	-385.0	-18.5	20	-365.0	-18.5	20	-345.0	-18.5	20
-325.0	-18.5	20	-305.0	-18.5	20	-285.0	-18.5	20	-265.0	-18.5	20	-245.0	-18.5	20
-225.0	-18.5	20	-205.0	-18.5	20	-185.0	-18.5	20	-165.0	-18.5	20	-145.0	-18.5	20
-125.0	-18.5	20	-105.0	-18.5	20	-85.0	-18.5	20	-65.0	-18.5	20	-45.0	-18.5	20
-25.0	-18.5	20	-5.0	-18.5	20	15.0	-18.5	20	35.0	-18.5	20	55.0	-18.5	20
75.0	-18.5	20	95.0	-18.5	20	115.0	-18.5	20	135.0	-18.5	20	155.0	-18.5	20
175.0	-18.5	20	195.0	-18.5	20	215.0	-18.5	20	235.0	-18.5	20	255.0	-18.5	20
275.0	-18.5	20	295.0	-18.5	20	315.0	-18.5	20	335.0	-18.5	20	355.0	-18.5	20
375.0	-18.5	20	395.0	-18.5	20	415.0	-18.5	20	435.0	-18.5	20	455.0	-18.5	20
475.0	-18.5	20	495.0	-18.5	20	515.0	-18.5	20	535.0	-18.5	20	555.0	-18.5	20
575.0	-18.5	20	595.0	-18.5	20	615.0	-18.5	20	635.0	-18.5	20	655.0	-18.5	20
675.0	-18.5	20	695.0	-18.5	20	715.0	-18.5	20	735.0	-18.5	20	755.0	-18.5	20
775.0	-18.5	20	795.0	-18.5	20	815.0	-18.5	20	835.0	-18.5	20	855.0	-18.5	20
875.0	-18.5	20	-925.0	18.5	20	-905.0	18.5	20	-885.0	18.5	20	-865.0	18.5	20
-845.0	18.5	20	-825.0	18.5	20	-805.0	18.5	20	-785.0	18.5	20	-765.0	18.5	20
-745.0	18.5	20	-725.0	18.5	20	-705.0	18.5	20	-685.0	18.5	20	-665.0	18.5	20
-645.0	18.5	20	-625.0	18.5	20	-605.0	18.5	20	-585.0	18.5	20	-565.0	18.5	20
-545.0	18.5	20	-525.0	18.5	20	-505.0	18.5	20	-485.0	18.5	20	-465.0	18.5	20
-445.0	18.5	20	-425.0	18.5	20	-405.0	18.5	20	-385.0	18.5	20	-365.0	18.5	20
-345.0	18.5	20	-325.0	18.5	20	-305.0	18.5	20	-285.0	18.5	20	-265.0	18.5	20
-245.0	18.5	20	-225.0	18.5	20	-205.0	18.5	20	-185.0	18.5	20	-165.0	18.5	20
-145.0	18.5	20	-125.0	18.5	20	-105.0	18.5	20	-85.0	18.5	20	-65.0	18.5	20
-45.0	18.5	20	-25.0	18.5	20	-5.0	18.5	20	15.0	18.5	20	35.0	18.5	20
55.0	18.5	20	75.0	18.5	20	95.0	18.5	20	115.0	18.5	20	135.0	18.5	20
155.0	18.5	20	175.0	18.5	20	195.0	18.5	20	215.0	18.5	20	235.0	18.5	20
255.0	18.5	20	275.0	18.5	20	295.0	18.5	20	315.0	18.5	20	335.0	18.5	20
355.0	18.5	20	375.0	18.5	20	395.0	18.5	20	415.0	18.5	20	435.0	18.5	20
455.0	18.5	20	475.0	18.5	20	495.0	18.5	20	515.0	18.5	20	535.0	18.5	20
555.0	18.5	20	575.0	18.5	20	595.0	18.5	20	615.0	18.5	20	635.0	18.5	20
655.0	18.5	20	675.0	18.5	20	695.0	18.5	20	715.0	18.5	20	735.0	18.5	20

755.0	18.5	20	775.0	18.5	20	795.0	18.5	20	815.0	18.5	20	835.0	18.5	20
855.0	18.5	20	875.0	18.5	20	268.3	-18.5	20	268.3	18.5	20	241.1	-18.5	20
241.1	18.5	20												

Sezione a quota 629

Coordinate dei vertici

X	Y
-945.0	25.0
-945.0	167.8
-900.0	167.8
-900.0	25.0
845.0	25.0
845.0	167.8
895.0	167.8
895.0	25.0
895.0	-25.0
-945.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-925.0	-18.5	20	-905.0	-18.5	20	-885.0	-18.5	20	-865.0	-18.5	20	-845.0	-18.5	20
-825.0	-18.5	20	-805.0	-18.5	20	-785.0	-18.5	20	-765.0	-18.5	20	-745.0	-18.5	20
-725.0	-18.5	20	-705.0	-18.5	20	-685.0	-18.5	20	-665.0	-18.5	20	-645.0	-18.5	20
-625.0	-18.5	20	-605.0	-18.5	20	-585.0	-18.5	20	-565.0	-18.5	20	-545.0	-18.5	20
-525.0	-18.5	20	-505.0	-18.5	20	-485.0	-18.5	20	-465.0	-18.5	20	-445.0	-18.5	20
-425.0	-18.5	20	-405.0	-18.5	20	-385.0	-18.5	20	-365.0	-18.5	20	-345.0	-18.5	20
-325.0	-18.5	20	-305.0	-18.5	20	-285.0	-18.5	20	-265.0	-18.5	20	-245.0	-18.5	20
-225.0	-18.5	20	-205.0	-18.5	20	-185.0	-18.5	20	-165.0	-18.5	20	-145.0	-18.5	20
-125.0	-18.5	20	-105.0	-18.5	20	-85.0	-18.5	20	-65.0	-18.5	20	-45.0	-18.5	20
-25.0	-18.5	20	-5.0	-18.5	20	15.0	-18.5	20	35.0	-18.5	20	55.0	-18.5	20
75.0	-18.5	20	95.0	-18.5	20	115.0	-18.5	20	135.0	-18.5	20	155.0	-18.5	20
175.0	-18.5	20	195.0	-18.5	20	215.0	-18.5	20	235.0	-18.5	20	255.0	-18.5	20
275.0	-18.5	20	295.0	-18.5	20	315.0	-18.5	20	335.0	-18.5	20	355.0	-18.5	20
375.0	-18.5	20	395.0	-18.5	20	415.0	-18.5	20	435.0	-18.5	20	455.0	-18.5	20
475.0	-18.5	20	495.0	-18.5	20	515.0	-18.5	20	535.0	-18.5	20	555.0	-18.5	20
575.0	-18.5	20	595.0	-18.5	20	615.0	-18.5	20	635.0	-18.5	20	655.0	-18.5	20
675.0	-18.5	20	695.0	-18.5	20	715.0	-18.5	20	735.0	-18.5	20	755.0	-18.5	20
775.0	-18.5	20	795.0	-18.5	20	815.0	-18.5	20	835.0	-18.5	20	855.0	-18.5	20
875.0	-18.5	20	-925.0	18.5	20	-905.0	18.5	20	-885.0	18.5	20	-865.0	18.5	20
-845.0	18.5	20	-825.0	18.5	20	-805.0	18.5	20	-785.0	18.5	20	-765.0	18.5	20
-745.0	18.5	20	-725.0	18.5	20	-705.0	18.5	20	-685.0	18.5	20	-665.0	18.5	20
-645.0	18.5	20	-625.0	18.5	20	-605.0	18.5	20	-585.0	18.5	20	-565.0	18.5	20
-545.0	18.5	20	-525.0	18.5	20	-505.0	18.5	20	-485.0	18.5	20	-465.0	18.5	20
-445.0	18.5	20	-425.0	18.5	20	-405.0	18.5	20	-385.0	18.5	20	-365.0	18.5	20
-345.0	18.5	20	-325.0	18.5	20	-305.0	18.5	20	-285.0	18.5	20	-265.0	18.5	20
-245.0	18.5	20	-225.0	18.5	20	-205.0	18.5	20	-185.0	18.5	20	-165.0	18.5	20
-145.0	18.5	20	-125.0	18.5	20	-105.0	18.5	20	-85.0	18.5	20	-65.0	18.5	20
-45.0	18.5	20	-25.0	18.5	20	-5.0	18.5	20	15.0	18.5	20	35.0	18.5	20
55.0	18.5	20	75.0	18.5	20	95.0	18.5	20	115.0	18.5	20	135.0	18.5	20
155.0	18.5	20	175.0	18.5	20	195.0	18.5	20	215.0	18.5	20	235.0	18.5	20
255.0	18.5	20	275.0	18.5	20	295.0	18.5	20	315.0	18.5	20	335.0	18.5	20
355.0	18.5	20	375.0	18.5	20	395.0	18.5	20	415.0	18.5	20	435.0	18.5	20
455.0	18.5	20	475.0	18.5	20	495.0	18.5	20	515.0	18.5	20	535.0	18.5	20
555.0	18.5	20	575.0	18.5	20	595.0	18.5	20	615.0	18.5	20	635.0	18.5	20
655.0	18.5	20	675.0	18.5	20	695.0	18.5	20	715.0	18.5	20	735.0	18.5	20
755.0	18.5	20	775.0	18.5	20	795.0	18.5	20	815.0	18.5	20	835.0	18.5	20
855.0	18.5	20	875.0	18.5	20	268.3	-18.5	20	268.3	18.5	20	241.1	-18.5	20
241.1	18.5	20												

Sezione a quota 631

Coordinate dei vertici

X	Y
-945.0	25.0
-945.0	167.3
-900.0	167.3
-900.0	25.0
845.0	25.0
845.0	167.3
895.0	167.3
895.0	25.0
895.0	-25.0
-945.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-925.0	-18.5	20	-905.0	-18.5	20	-885.0	-18.5	20	-865.0	-18.5	20	-845.0	-18.5	20
-825.0	-18.5	20	-805.0	-18.5	20	-785.0	-18.5	20	-765.0	-18.5	20	-745.0	-18.5	20
-725.0	-18.5	20	-705.0	-18.5	20	-685.0	-18.5	20	-665.0	-18.5	20	-645.0	-18.5	20
-625.0	-18.5	20	-605.0	-18.5	20	-585.0	-18.5	20	-565.0	-18.5	20	-545.0	-18.5	20
-525.0	-18.5	20	-505.0	-18.5	20	-485.0	-18.5	20	-465.0	-18.5	20	-445.0	-18.5	20
-425.0	-18.5	20	-405.0	-18.5	20	-385.0	-18.5	20	-365.0	-18.5	20	-345.0	-18.5	20
-325.0	-18.5	20	-305.0	-18.5	20	-285.0	-18.5	20	-265.0	-18.5	20	-245.0	-18.5	20
-225.0	-18.5	20	-205.0	-18.5	20	-185.0	-18.5	20	-165.0	-18.5	20	-145.0	-18.5	20
-125.0	-18.5	20	-105.0	-18.5	20	-85.0	-18.5	20	-65.0	-18.5	20	-45.0	-18.5	20
-25.0	-18.5	20	-5.0	-18.5	20	15.0	-18.5	20	35.0	-18.5	20	55.0	-18.5	20
75.0	-18.5	20	95.0	-18.5	20	115.0	-18.5	20	135.0	-18.5	20	155.0	-18.5	20
175.0	-18.5	20	195.0	-18.5	20	215.0	-18.5	20	235.0	-18.5	20	255.0	-18.5	20
275.0	-18.5	20	295.0	-18.5	20	315.0	-18.5	20	335.0	-18.5	20	355.0	-18.5	20
375.0	-18.5	20	395.0	-18.5	20	415.0	-18.5	20	435.0	-18.5	20	455.0	-18.5	20
475.0	-18.5	20	495.0	-18.5	20	515.0	-18.5	20	535.0	-18.5	20	555.0	-18.5	20
575.0	-18.5	20	595.0	-18.5	20	615.0	-18.5	20	635.0	-18.5	20	655.0	-18.5	20
675.0	-18.5	20	695.0	-18.5	20	715.0	-18.5	20	735.0	-18.5	20	755.0	-18.5	20
775.0	-18.5	20	795.0	-18.5	20	815.0	-18.5	20	835.0	-18.5	20	855.0	-18.5	20
875.0	-18.5	20	-925.0	18.5	20	-905.0	18.5	20	-885.0	18.5	20	-865.0	18.5	20

-845.0	18.5	20	-825.0	18.5	20	-805.0	18.5	20	-785.0	18.5	20	-765.0	18.5	20
-745.0	18.5	20	-725.0	18.5	20	-705.0	18.5	20	-685.0	18.5	20	-665.0	18.5	20
-645.0	18.5	20	-625.0	18.5	20	-605.0	18.5	20	-585.0	18.5	20	-565.0	18.5	20
-545.0	18.5	20	-525.0	18.5	20	-505.0	18.5	20	-485.0	18.5	20	-465.0	18.5	20
-445.0	18.5	20	-425.0	18.5	20	-405.0	18.5	20	-385.0	18.5	20	-365.0	18.5	20
-345.0	18.5	20	-325.0	18.5	20	-305.0	18.5	20	-285.0	18.5	20	-265.0	18.5	20
-245.0	18.5	20	-225.0	18.5	20	-205.0	18.5	20	-185.0	18.5	20	-165.0	18.5	20
-145.0	18.5	20	-125.0	18.5	20	-105.0	18.5	20	-85.0	18.5	20	-65.0	18.5	20
-45.0	18.5	20	-25.0	18.5	20	-5.0	18.5	20	15.0	18.5	20	35.0	18.5	20
55.0	18.5	20	75.0	18.5	20	95.0	18.5	20	115.0	18.5	20	135.0	18.5	20
155.0	18.5	20	175.0	18.5	20	195.0	18.5	20	215.0	18.5	20	235.0	18.5	20
255.0	18.5	20	275.0	18.5	20	295.0	18.5	20	315.0	18.5	20	335.0	18.5	20
355.0	18.5	20	375.0	18.5	20	395.0	18.5	20	415.0	18.5	20	435.0	18.5	20
455.0	18.5	20	475.0	18.5	20	495.0	18.5	20	515.0	18.5	20	535.0	18.5	20
555.0	18.5	20	575.0	18.5	20	595.0	18.5	20	615.0	18.5	20	635.0	18.5	20
655.0	18.5	20	675.0	18.5	20	695.0	18.5	20	715.0	18.5	20	735.0	18.5	20
755.0	18.5	20	775.0	18.5	20	795.0	18.5	20	815.0	18.5	20	835.0	18.5	20
855.0	18.5	20	875.0	18.5	20	268.3	-18.5	20	268.3	18.5	20	241.1	-18.5	20
241.1	18.5	20												

Sezione a quota 679

Coordinate dei vertici

X	Y
-945.0	25.0
-945.0	155.4
-900.0	155.4
-900.0	25.0
845.0	25.0
845.0	155.4
895.0	155.4
895.0	25.0
895.0	-25.0
-945.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-925.0	-18.5	20	-905.0	-18.5	20	-885.0	-18.5	20	-865.0	-18.5	20	-845.0	-18.5	20
-825.0	-18.5	20	-805.0	-18.5	20	-785.0	-18.5	20	-765.0	-18.5	20	-745.0	-18.5	20
-725.0	-18.5	20	-705.0	-18.5	20	-685.0	-18.5	20	-665.0	-18.5	20	-645.0	-18.5	20
-625.0	-18.5	20	-605.0	-18.5	20	-585.0	-18.5	20	-565.0	-18.5	20	-545.0	-18.5	20
-525.0	-18.5	20	-505.0	-18.5	20	-485.0	-18.5	20	-465.0	-18.5	20	-445.0	-18.5	20
-425.0	-18.5	20	-405.0	-18.5	20	-385.0	-18.5	20	-365.0	-18.5	20	-345.0	-18.5	20
-325.0	-18.5	20	-305.0	-18.5	20	-285.0	-18.5	20	-265.0	-18.5	20	-245.0	-18.5	20
-225.0	-18.5	20	-205.0	-18.5	20	-185.0	-18.5	20	-165.0	-18.5	20	-145.0	-18.5	20
-125.0	-18.5	20	-105.0	-18.5	20	-85.0	-18.5	20	-65.0	-18.5	20	-45.0	-18.5	20
-25.0	-18.5	20	-5.0	-18.5	20	15.0	-18.5	20	35.0	-18.5	20	55.0	-18.5	20
75.0	-18.5	20	95.0	-18.5	20	115.0	-18.5	20	135.0	-18.5	20	155.0	-18.5	20
175.0	-18.5	20	195.0	-18.5	20	215.0	-18.5	20	235.0	-18.5	20	255.0	-18.5	20
275.0	-18.5	20	295.0	-18.5	20	315.0	-18.5	20	335.0	-18.5	20	355.0	-18.5	20
375.0	-18.5	20	395.0	-18.5	20	415.0	-18.5	20	435.0	-18.5	20	455.0	-18.5	20
475.0	-18.5	20	495.0	-18.5	20	515.0	-18.5	20	535.0	-18.5	20	555.0	-18.5	20
575.0	-18.5	20	595.0	-18.5	20	615.0	-18.5	20	635.0	-18.5	20	655.0	-18.5	20
675.0	-18.5	20	695.0	-18.5	20	715.0	-18.5	20	735.0	-18.5	20	755.0	-18.5	20
775.0	-18.5	20	795.0	-18.5	20	815.0	-18.5	20	835.0	-18.5	20	855.0	-18.5	20
875.0	-18.5	20	-925.0	18.5	20	-905.0	18.5	20	-885.0	18.5	20	-865.0	18.5	20
-845.0	18.5	20	-825.0	18.5	20	-805.0	18.5	20	-785.0	18.5	20	-765.0	18.5	20
-745.0	18.5	20	-725.0	18.5	20	-705.0	18.5	20	-685.0	18.5	20	-665.0	18.5	20
-645.0	18.5	20	-625.0	18.5	20	-605.0	18.5	20	-585.0	18.5	20	-565.0	18.5	20
-545.0	18.5	20	-525.0	18.5	20	-505.0	18.5	20	-485.0	18.5	20	-465.0	18.5	20
-445.0	18.5	20	-425.0	18.5	20	-405.0	18.5	20	-385.0	18.5	20	-365.0	18.5	20
-345.0	18.5	20	-325.0	18.5	20	-305.0	18.5	20	-285.0	18.5	20	-265.0	18.5	20
-245.0	18.5	20	-225.0	18.5	20	-205.0	18.5	20	-185.0	18.5	20	-165.0	18.5	20
-145.0	18.5	20	-125.0	18.5	20	-105.0	18.5	20	-85.0	18.5	20	-65.0	18.5	20
-45.0	18.5	20	-25.0	18.5	20	-5.0	18.5	20	15.0	18.5	20	35.0	18.5	20
55.0	18.5	20	75.0	18.5	20	95.0	18.5	20	115.0	18.5	20	135.0	18.5	20
155.0	18.5	20	175.0	18.5	20	195.0	18.5	20	215.0	18.5	20	235.0	18.5	20
255.0	18.5	20	275.0	18.5	20	295.0	18.5	20	315.0	18.5	20	335.0	18.5	20
355.0	18.5	20	375.0	18.5	20	395.0	18.5	20	415.0	18.5	20	435.0	18.5	20
455.0	18.5	20	475.0	18.5	20	495.0	18.5	20	515.0	18.5	20	535.0	18.5	20
555.0	18.5	20	575.0	18.5	20	595.0	18.5	20	615.0	18.5	20	635.0	18.5	20
655.0	18.5	20	675.0	18.5	20	695.0	18.5	20	715.0	18.5	20	735.0	18.5	20
755.0	18.5	20	775.0	18.5	20	795.0	18.5	20	815.0	18.5	20	835.0	18.5	20
855.0	18.5	20	875.0	18.5	20	177.5	-18.5	20	177.5	18.5	20	-767.8	-18.5	20
-767.8	18.5	20	220.3	-18.5	20	220.3	18.5	20	268.3	-18.5	20	268.3	18.5	20
241.1	-18.5	20	241.1	18.5	20	203.3	-18.5	20	203.3	18.5	20			

Sezione a quota 726

Coordinate dei vertici

X	Y
-945.0	25.0
-945.0	143.5
-900.0	143.5
-900.0	25.0
845.0	25.0
845.0	143.5
895.0	143.5
895.0	25.0
895.0	-25.0
-945.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-925.0	-18.5	20	-905.0	-18.5	20	-885.0	-18.5	20	-865.0	-18.5	20	-845.0	-18.5	20
-825.0	-18.5	20	-805.0	-18.5	20	-785.0	-18.5	20	-765.0	-18.5	20	-745.0	-18.5	20

-725.0	-18.5	20	-705.0	-18.5	20	-685.0	-18.5	20	-665.0	-18.5	20	-645.0	-18.5	20
-625.0	-18.5	20	-605.0	-18.5	20	-585.0	-18.5	20	-565.0	-18.5	20	-545.0	-18.5	20
-525.0	-18.5	20	-505.0	-18.5	20	-485.0	-18.5	20	-465.0	-18.5	20	-445.0	-18.5	20
-425.0	-18.5	20	-405.0	-18.5	20	-385.0	-18.5	20	-365.0	-18.5	20	-345.0	-18.5	20
-325.0	-18.5	20	-305.0	-18.5	20	-285.0	-18.5	20	-265.0	-18.5	20	-245.0	-18.5	20
-225.0	-18.5	20	-205.0	-18.5	20	-185.0	-18.5	20	-165.0	-18.5	20	-145.0	-18.5	20
-125.0	-18.5	20	-105.0	-18.5	20	-85.0	-18.5	20	-65.0	-18.5	20	-45.0	-18.5	20
-25.0	-18.5	20	-5.0	-18.5	20	15.0	-18.5	20	35.0	-18.5	20	55.0	-18.5	20
75.0	-18.5	20	95.0	-18.5	20	115.0	-18.5	20	135.0	-18.5	20	155.0	-18.5	20
175.0	-18.5	20	195.0	-18.5	20	215.0	-18.5	20	235.0	-18.5	20	255.0	-18.5	20
275.0	-18.5	20	295.0	-18.5	20	315.0	-18.5	20	335.0	-18.5	20	355.0	-18.5	20
375.0	-18.5	20	395.0	-18.5	20	415.0	-18.5	20	435.0	-18.5	20	455.0	-18.5	20
475.0	-18.5	20	495.0	-18.5	20	515.0	-18.5	20	535.0	-18.5	20	555.0	-18.5	20
575.0	-18.5	20	595.0	-18.5	20	615.0	-18.5	20	635.0	-18.5	20	655.0	-18.5	20
675.0	-18.5	20	695.0	-18.5	20	715.0	-18.5	20	735.0	-18.5	20	755.0	-18.5	20
775.0	-18.5	20	795.0	-18.5	20	815.0	-18.5	20	835.0	-18.5	20	855.0	-18.5	20
875.0	-18.5	20	-925.0	18.5	20	-905.0	18.5	20	-885.0	18.5	20	-865.0	18.5	20
-845.0	18.5	20	-825.0	18.5	20	-805.0	18.5	20	-785.0	18.5	20	-765.0	18.5	20
-745.0	18.5	20	-725.0	18.5	20	-705.0	18.5	20	-685.0	18.5	20	-665.0	18.5	20
-645.0	18.5	20	-625.0	18.5	20	-605.0	18.5	20	-585.0	18.5	20	-565.0	18.5	20
-545.0	18.5	20	-525.0	18.5	20	-505.0	18.5	20	-485.0	18.5	20	-465.0	18.5	20
-445.0	18.5	20	-425.0	18.5	20	-405.0	18.5	20	-385.0	18.5	20	-365.0	18.5	20
-345.0	18.5	20	-325.0	18.5	20	-305.0	18.5	20	-285.0	18.5	20	-265.0	18.5	20
-245.0	18.5	20	-225.0	18.5	20	-205.0	18.5	20	-185.0	18.5	20	-165.0	18.5	20
-145.0	18.5	20	-125.0	18.5	20	-105.0	18.5	20	-85.0	18.5	20	-65.0	18.5	20
-45.0	18.5	20	-25.0	18.5	20	-5.0	18.5	20	15.0	18.5	20	35.0	18.5	20
55.0	18.5	20	75.0	18.5	20	95.0	18.5	20	115.0	18.5	20	135.0	18.5	20
155.0	18.5	20	175.0	18.5	20	195.0	18.5	20	215.0	18.5	20	235.0	18.5	20
255.0	18.5	20	275.0	18.5	20	295.0	18.5	20	315.0	18.5	20	335.0	18.5	20
355.0	18.5	20	375.0	18.5	20	395.0	18.5	20	415.0	18.5	20	435.0	18.5	20
455.0	18.5	20	475.0	18.5	20	495.0	18.5	20	515.0	18.5	20	535.0	18.5	20
555.0	18.5	20	575.0	18.5	20	595.0	18.5	20	615.0	18.5	20	635.0	18.5	20
655.0	18.5	20	675.0	18.5	20	695.0	18.5	20	715.0	18.5	20	735.0	18.5	20
755.0	18.5	20	775.0	18.5	20	795.0	18.5	20	815.0	18.5	20	835.0	18.5	20
855.0	18.5	20	875.0	18.5	20	177.5	-18.5	20	177.5	18.5	20	-270.9	-18.5	20
-270.9	18.5	20	-767.8	-18.5	20	-767.8	18.5	20	220.3	-18.5	20	220.3	18.5	20
268.3	-18.5	20	268.3	18.5	20	241.1	-18.5	20	241.1	18.5	20	203.3	-18.5	20
203.3	18.5	20												

Sezione a quota 728

Coordinate dei vertici

X	Y
-945.0	25.0
-945.0	143.0
-900.0	143.0
-900.0	25.0
845.0	25.0
845.0	143.0
895.0	143.0
895.0	25.0
895.0	-25.0
-945.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-925.0	-18.5	20	-905.0	-18.5	20	-885.0	-18.5	20	-865.0	-18.5	20	-845.0	-18.5	20
-825.0	-18.5	20	-805.0	-18.5	20	-785.0	-18.5	20	-765.0	-18.5	20	-745.0	-18.5	20
-725.0	-18.5	20	-705.0	-18.5	20	-685.0	-18.5	20	-665.0	-18.5	20	-645.0	-18.5	20
-625.0	-18.5	20	-605.0	-18.5	20	-585.0	-18.5	20	-565.0	-18.5	20	-545.0	-18.5	20
-525.0	-18.5	20	-505.0	-18.5	20	-485.0	-18.5	20	-465.0	-18.5	20	-445.0	-18.5	20
-425.0	-18.5	20	-405.0	-18.5	20	-385.0	-18.5	20	-365.0	-18.5	20	-345.0	-18.5	20
-325.0	-18.5	20	-305.0	-18.5	20	-285.0	-18.5	20	-265.0	-18.5	20	-245.0	-18.5	20
-225.0	-18.5	20	-205.0	-18.5	20	-185.0	-18.5	20	-165.0	-18.5	20	-145.0	-18.5	20
-125.0	-18.5	20	-105.0	-18.5	20	-85.0	-18.5	20	-65.0	-18.5	20	-45.0	-18.5	20
-25.0	-18.5	20	-5.0	-18.5	20	15.0	-18.5	20	35.0	-18.5	20	55.0	-18.5	20
75.0	-18.5	20	95.0	-18.5	20	115.0	-18.5	20	135.0	-18.5	20	155.0	-18.5	20
175.0	-18.5	20	195.0	-18.5	20	215.0	-18.5	20	235.0	-18.5	20	255.0	-18.5	20
275.0	-18.5	20	295.0	-18.5	20	315.0	-18.5	20	335.0	-18.5	20	355.0	-18.5	20
375.0	-18.5	20	395.0	-18.5	20	415.0	-18.5	20	435.0	-18.5	20	455.0	-18.5	20
475.0	-18.5	20	495.0	-18.5	20	515.0	-18.5	20	535.0	-18.5	20	555.0	-18.5	20
575.0	-18.5	20	595.0	-18.5	20	615.0	-18.5	20	635.0	-18.5	20	655.0	-18.5	20
675.0	-18.5	20	695.0	-18.5	20	715.0	-18.5	20	735.0	-18.5	20	755.0	-18.5	20
775.0	-18.5	20	795.0	-18.5	20	815.0	-18.5	20	835.0	-18.5	20	855.0	-18.5	20
875.0	-18.5	20	-925.0	18.5	20	-905.0	18.5	20	-885.0	18.5	20	-865.0	18.5	20
-845.0	18.5	20	-825.0	18.5	20	-805.0	18.5	20	-785.0	18.5	20	-765.0	18.5	20
-745.0	18.5	20	-725.0	18.5	20	-705.0	18.5	20	-685.0	18.5	20	-665.0	18.5	20
-645.0	18.5	20	-625.0	18.5	20	-605.0	18.5	20	-585.0	18.5	20	-565.0	18.5	20
-545.0	18.5	20	-525.0	18.5	20	-505.0	18.5	20	-485.0	18.5	20	-465.0	18.5	20
-445.0	18.5	20	-425.0	18.5	20	-405.0	18.5	20	-385.0	18.5	20	-365.0	18.5	20
-345.0	18.5	20	-325.0	18.5	20	-305.0	18.5	20	-285.0	18.5	20	-265.0	18.5	20
-245.0	18.5	20	-225.0	18.5	20	-205.0	18.5	20	-185.0	18.5	20	-165.0	18.5	20
-145.0	18.5	20	-125.0	18.5	20	-105.0	18.5	20	-85.0	18.5	20	-65.0	18.5	20
-45.0	18.5	20	-25.0	18.5	20	-5.0	18.5	20	15.0	18.5	20	35.0	18.5	20
55.0	18.5	20	75.0	18.5	20	95.0	18.5	20	115.0	18.5	20	135.0	18.5	20
155.0	18.5	20	175.0	18.5	20	195.0	18.5	20	215.0	18.5	20	235.0	18.5	20
255.0	18.5	20	275.0	18.5	20	295.0	18.5	20	315.0	18.5	20	335.0	18.5	20
355.0	18.5	20	375.0	18.5	20	395.0	18.5	20	415.0	18.5	20	435.0	18.5	20
455.0	18.5	20	475.0	18.5	20	495.0	18.5	20	515.0	18.5	20	535.0	18.5	20
555.0	18.5	20	575.0	18.5	20	595.0	18.5	20	615.0	18.5	20	635.0	18.5	20
655.0	18.5	20	675.0	18.5	20	695.0	18.5	20	715.0	18.5	20	735.0	18.5	20
755.0	18.5	20	775.0	18.5	20	795.0	18.5	20	815.0	18.5	20	835.0	18.5	20
855.0	18.5	20	875.0	18.5	20	177.5	-18.5	20	177.5	18.5	20	-270.9	-18.5	20
-270.9	18.5	20	-767.8	-18.5	20	-767.8	18.5	20	199.5	-18.5	20	199.5	18.5	20
220.3	-18.5	20	220.3	18.5	20	268.3	-18.5	20	268.3	18.5	20	241.1	-18.5	20

241.1	18.5	20	203.3	-18.5	20	203.3	18.5	20

Sezione a quota 729
Coordinate dei vertici

X	Y
-945.0	25.0
-945.0	142.9
-900.0	142.9
-900.0	25.0
845.0	25.0
845.0	142.9
895.0	142.9
895.0	25.0
895.0	-25.0
-945.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-925.0	-18.5	20	-905.0	-18.5	20	-885.0	-18.5	20	-865.0	-18.5	20	-845.0	-18.5	20
-825.0	-18.5	20	-805.0	-18.5	20	-785.0	-18.5	20	-765.0	-18.5	20	-745.0	-18.5	20
-725.0	-18.5	20	-705.0	-18.5	20	-685.0	-18.5	20	-665.0	-18.5	20	-645.0	-18.5	20
-625.0	-18.5	20	-605.0	-18.5	20	-585.0	-18.5	20	-565.0	-18.5	20	-545.0	-18.5	20
-525.0	-18.5	20	-505.0	-18.5	20	-485.0	-18.5	20	-465.0	-18.5	20	-445.0	-18.5	20
-425.0	-18.5	20	-405.0	-18.5	20	-385.0	-18.5	20	-365.0	-18.5	20	-345.0	-18.5	20
-325.0	-18.5	20	-305.0	-18.5	20	-285.0	-18.5	20	-265.0	-18.5	20	-245.0	-18.5	20
-225.0	-18.5	20	-205.0	-18.5	20	-185.0	-18.5	20	-165.0	-18.5	20	-145.0	-18.5	20
-125.0	-18.5	20	-105.0	-18.5	20	-85.0	-18.5	20	-65.0	-18.5	20	-45.0	-18.5	20
-25.0	-18.5	20	-5.0	-18.5	20	15.0	-18.5	20	35.0	-18.5	20	55.0	-18.5	20
75.0	-18.5	20	95.0	-18.5	20	115.0	-18.5	20	135.0	-18.5	20	155.0	-18.5	20
175.0	-18.5	20	195.0	-18.5	20	215.0	-18.5	20	235.0	-18.5	20	255.0	-18.5	20
275.0	-18.5	20	295.0	-18.5	20	315.0	-18.5	20	335.0	-18.5	20	355.0	-18.5	20
375.0	-18.5	20	395.0	-18.5	20	415.0	-18.5	20	435.0	-18.5	20	455.0	-18.5	20
475.0	-18.5	20	495.0	-18.5	20	515.0	-18.5	20	535.0	-18.5	20	555.0	-18.5	20
575.0	-18.5	20	595.0	-18.5	20	615.0	-18.5	20	635.0	-18.5	20	655.0	-18.5	20
675.0	-18.5	20	695.0	-18.5	20	715.0	-18.5	20	735.0	-18.5	20	755.0	-18.5	20
775.0	-18.5	20	795.0	-18.5	20	815.0	-18.5	20	835.0	-18.5	20	855.0	-18.5	20
875.0	-18.5	20	-925.0	18.5	20	-905.0	18.5	20	-885.0	18.5	20	-865.0	18.5	20
-845.0	18.5	20	-825.0	18.5	20	-805.0	18.5	20	-785.0	18.5	20	-765.0	18.5	20
-745.0	18.5	20	-725.0	18.5	20	-705.0	18.5	20	-685.0	18.5	20	-665.0	18.5	20
-645.0	18.5	20	-625.0	18.5	20	-605.0	18.5	20	-585.0	18.5	20	-565.0	18.5	20
-545.0	18.5	20	-525.0	18.5	20	-505.0	18.5	20	-485.0	18.5	20	-465.0	18.5	20
-445.0	18.5	20	-425.0	18.5	20	-405.0	18.5	20	-385.0	18.5	20	-365.0	18.5	20
-345.0	18.5	20	-325.0	18.5	20	-305.0	18.5	20	-285.0	18.5	20	-265.0	18.5	20
-245.0	18.5	20	-225.0	18.5	20	-205.0	18.5	20	-185.0	18.5	20	-165.0	18.5	20
-145.0	18.5	20	-125.0	18.5	20	-105.0	18.5	20	-85.0	18.5	20	-65.0	18.5	20
-45.0	18.5	20	-25.0	18.5	20	-5.0	18.5	20	15.0	18.5	20	35.0	18.5	20
55.0	18.5	20	75.0	18.5	20	95.0	18.5	20	115.0	18.5	20	135.0	18.5	20
155.0	18.5	20	175.0	18.5	20	195.0	18.5	20	215.0	18.5	20	235.0	18.5	20
255.0	18.5	20	275.0	18.5	20	295.0	18.5	20	315.0	18.5	20	335.0	18.5	20
355.0	18.5	20	375.0	18.5	20	395.0	18.5	20	415.0	18.5	20	435.0	18.5	20
455.0	18.5	20	475.0	18.5	20	495.0	18.5	20	515.0	18.5	20	535.0	18.5	20
555.0	18.5	20	575.0	18.5	20	595.0	18.5	20	615.0	18.5	20	635.0	18.5	20
655.0	18.5	20	675.0	18.5	20	695.0	18.5	20	715.0	18.5	20	735.0	18.5	20
755.0	18.5	20	775.0	18.5	20	795.0	18.5	20	815.0	18.5	20	835.0	18.5	20
855.0	18.5	20	875.0	18.5	20	177.5	-18.5	20	177.5	18.5	20	-270.9	-18.5	20
-270.9	18.5	20	-767.8	-18.5	20	-767.8	18.5	20	199.5	-18.5	20	199.5	18.5	20
220.3	-18.5	20	220.3	18.5	20	268.3	-18.5	20	268.3	18.5	20	241.1	-18.5	20
241.1	18.5	20	203.3	-18.5	20	203.3	18.5	20						

Sezione a quota 729
Coordinate dei vertici

X	Y
-945.0	25.0
-945.0	142.8
-900.0	142.8
-900.0	25.0
845.0	25.0
845.0	142.8
895.0	142.8
895.0	25.0
895.0	-25.0
-945.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-925.0	-18.5	20	-905.0	-18.5	20	-885.0	-18.5	20	-865.0	-18.5	20	-845.0	-18.5	20
-825.0	-18.5	20	-805.0	-18.5	20	-785.0	-18.5	20	-765.0	-18.5	20	-745.0	-18.5	20
-725.0	-18.5	20	-705.0	-18.5	20	-685.0	-18.5	20	-665.0	-18.5	20	-645.0	-18.5	20
-625.0	-18.5	20	-605.0	-18.5	20	-585.0	-18.5	20	-565.0	-18.5	20	-545.0	-18.5	20
-525.0	-18.5	20	-505.0	-18.5	20	-485.0	-18.5	20	-465.0	-18.5	20	-445.0	-18.5	20
-425.0	-18.5	20	-405.0	-18.5	20	-385.0	-18.5	20	-365.0	-18.5	20	-345.0	-18.5	20
-325.0	-18.5	20	-305.0	-18.5	20	-285.0	-18.5	20	-265.0	-18.5	20	-245.0	-18.5	20
-225.0	-18.5	20	-205.0	-18.5	20	-185.0	-18.5	20	-165.0	-18.5	20	-145.0	-18.5	20
-125.0	-18.5	20	-105.0	-18.5	20	-85.0	-18.5	20	-65.0	-18.5	20	-45.0	-18.5	20
-25.0	-18.5	20	-5.0	-18.5	20	15.0	-18.5	20	35.0	-18.5	20	55.0	-18.5	20
75.0	-18.5	20	95.0	-18.5	20	115.0	-18.5	20	135.0	-18.5	20	155.0	-18.5	20
175.0	-18.5	20	195.0	-18.5	20	215.0	-18.5	20	235.0	-18.5	20	255.0	-18.5	20
275.0	-18.5	20	295.0	-18.5	20	315.0	-18.5	20	335.0	-18.5	20	355.0	-18.5	20
375.0	-18.5	20	395.0	-18.5	20	415.0	-18.5	20	435.0	-18.5	20	455.0	-18.5	20
475.0	-18.5	20	495.0	-18.5	20	515.0	-18.5	20	535.0	-18.5	20	555.0	-18.5	20
575.0	-18.5	20	595.0	-18.5	20	615.0	-18.5	20	635.0	-18.5	20	655.0	-18.5	20
675.0	-18.5	20	695.0	-18.5	20	715.0	-18.5	20	735.0	-18.5	20	755.0	-18.5	20
775.0	-18.5	20	795.0	-18.5	20	815.0	-18.5	20	835.0	-18.5	20	855.0	-18.5	20
875.0	-18.5	20	-925.0	18.5	20	-905.0	18.5	20	-885.0	18.5	20	-865.0	18.5	20

-845.0	18.5	20	-825.0	18.5	20	-805.0	18.5	20	-785.0	18.5	20	-765.0	18.5	20
-745.0	18.5	20	-725.0	18.5	20	-705.0	18.5	20	-685.0	18.5	20	-665.0	18.5	20
-645.0	18.5	20	-625.0	18.5	20	-605.0	18.5	20	-585.0	18.5	20	-565.0	18.5	20
-545.0	18.5	20	-525.0	18.5	20	-505.0	18.5	20	-485.0	18.5	20	-465.0	18.5	20
-445.0	18.5	20	-425.0	18.5	20	-405.0	18.5	20	-385.0	18.5	20	-365.0	18.5	20
-345.0	18.5	20	-325.0	18.5	20	-305.0	18.5	20	-285.0	18.5	20	-265.0	18.5	20
-245.0	18.5	20	-225.0	18.5	20	-205.0	18.5	20	-185.0	18.5	20	-165.0	18.5	20
-145.0	18.5	20	-125.0	18.5	20	-105.0	18.5	20	-85.0	18.5	20	-65.0	18.5	20
-45.0	18.5	20	-25.0	18.5	20	-5.0	18.5	20	15.0	18.5	20	35.0	18.5	20
55.0	18.5	20	75.0	18.5	20	95.0	18.5	20	115.0	18.5	20	135.0	18.5	20
155.0	18.5	20	175.0	18.5	20	195.0	18.5	20	215.0	18.5	20	235.0	18.5	20
255.0	18.5	20	275.0	18.5	20	295.0	18.5	20	315.0	18.5	20	335.0	18.5	20
355.0	18.5	20	375.0	18.5	20	395.0	18.5	20	415.0	18.5	20	435.0	18.5	20
455.0	18.5	20	475.0	18.5	20	495.0	18.5	20	515.0	18.5	20	535.0	18.5	20
555.0	18.5	20	575.0	18.5	20	595.0	18.5	20	615.0	18.5	20	635.0	18.5	20
655.0	18.5	20	675.0	18.5	20	695.0	18.5	20	715.0	18.5	20	735.0	18.5	20
755.0	18.5	20	775.0	18.5	20	795.0	18.5	20	815.0	18.5	20	835.0	18.5	20
855.0	18.5	20	875.0	18.5	20	177.5	-18.5	20	177.5	18.5	20	-270.9	-18.5	20
-270.9	18.5	20	-767.8	-18.5	20	-767.8	18.5	20	199.5	-18.5	20	199.5	18.5	20
220.3	-18.5	20	220.3	18.5	20	268.3	-18.5	20	268.3	18.5	20	241.1	-18.5	20
241.1	18.5	20	203.3	-18.5	20	203.3	18.5	20						

Sezione a quota 731
Coordinate dei vertici

X	Y
-945.0	25.0
-945.0	142.3
-900.0	142.3
-900.0	25.0
845.0	25.0
845.0	142.3
895.0	142.3
895.0	25.0
895.0	-25.0
-945.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-925.0	-18.5	20	-905.0	-18.5	20	-885.0	-18.5	20	-865.0	-18.5	20	-845.0	-18.5	20
-825.0	-18.5	20	-805.0	-18.5	20	-785.0	-18.5	20	-765.0	-18.5	20	-745.0	-18.5	20
-725.0	-18.5	20	-705.0	-18.5	20	-685.0	-18.5	20	-665.0	-18.5	20	-645.0	-18.5	20
-625.0	-18.5	20	-605.0	-18.5	20	-585.0	-18.5	20	-565.0	-18.5	20	-545.0	-18.5	20
-525.0	-18.5	20	-505.0	-18.5	20	-485.0	-18.5	20	-465.0	-18.5	20	-445.0	-18.5	20
-425.0	-18.5	20	-405.0	-18.5	20	-385.0	-18.5	20	-365.0	-18.5	20	-345.0	-18.5	20
-325.0	-18.5	20	-305.0	-18.5	20	-285.0	-18.5	20	-265.0	-18.5	20	-245.0	-18.5	20
-225.0	-18.5	20	-205.0	-18.5	20	-185.0	-18.5	20	-165.0	-18.5	20	-145.0	-18.5	20
-125.0	-18.5	20	-105.0	-18.5	20	-85.0	-18.5	20	-65.0	-18.5	20	-45.0	-18.5	20
-25.0	-18.5	20	-5.0	-18.5	20	15.0	-18.5	20	35.0	-18.5	20	55.0	-18.5	20
75.0	-18.5	20	95.0	-18.5	20	115.0	-18.5	20	135.0	-18.5	20	155.0	-18.5	20
175.0	-18.5	20	195.0	-18.5	20	215.0	-18.5	20	235.0	-18.5	20	255.0	-18.5	20
275.0	-18.5	20	295.0	-18.5	20	315.0	-18.5	20	335.0	-18.5	20	355.0	-18.5	20
375.0	-18.5	20	395.0	-18.5	20	415.0	-18.5	20	435.0	-18.5	20	455.0	-18.5	20
475.0	-18.5	20	495.0	-18.5	20	515.0	-18.5	20	535.0	-18.5	20	555.0	-18.5	20
575.0	-18.5	20	595.0	-18.5	20	615.0	-18.5	20	635.0	-18.5	20	655.0	-18.5	20
675.0	-18.5	20	695.0	-18.5	20	715.0	-18.5	20	735.0	-18.5	20	755.0	-18.5	20
775.0	-18.5	20	795.0	-18.5	20	815.0	-18.5	20	835.0	-18.5	20	855.0	-18.5	20
875.0	-18.5	20	-925.0	18.5	20	-905.0	18.5	20	-885.0	18.5	20	-865.0	18.5	20
-845.0	18.5	20	-825.0	18.5	20	-805.0	18.5	20	-785.0	18.5	20	-765.0	18.5	20
-745.0	18.5	20	-725.0	18.5	20	-705.0	18.5	20	-685.0	18.5	20	-665.0	18.5	20
-645.0	18.5	20	-625.0	18.5	20	-605.0	18.5	20	-585.0	18.5	20	-565.0	18.5	20
-545.0	18.5	20	-525.0	18.5	20	-505.0	18.5	20	-485.0	18.5	20	-465.0	18.5	20
-445.0	18.5	20	-425.0	18.5	20	-405.0	18.5	20	-385.0	18.5	20	-365.0	18.5	20
-345.0	18.5	20	-325.0	18.5	20	-305.0	18.5	20	-285.0	18.5	20	-265.0	18.5	20
-245.0	18.5	20	-225.0	18.5	20	-205.0	18.5	20	-185.0	18.5	20	-165.0	18.5	20
-145.0	18.5	20	-125.0	18.5	20	-105.0	18.5	20	-85.0	18.5	20	-65.0	18.5	20
-45.0	18.5	20	-25.0	18.5	20	-5.0	18.5	20	15.0	18.5	20	35.0	18.5	20
55.0	18.5	20	75.0	18.5	20	95.0	18.5	20	115.0	18.5	20	135.0	18.5	20
155.0	18.5	20	175.0	18.5	20	195.0	18.5	20	215.0	18.5	20	235.0	18.5	20
255.0	18.5	20	275.0	18.5	20	295.0	18.5	20	315.0	18.5	20	335.0	18.5	20
355.0	18.5	20	375.0	18.5	20	395.0	18.5	20	415.0	18.5	20	435.0	18.5	20
455.0	18.5	20	475.0	18.5	20	495.0	18.5	20	515.0	18.5	20	535.0	18.5	20
555.0	18.5	20	575.0	18.5	20	595.0	18.5	20	615.0	18.5	20	635.0	18.5	20
655.0	18.5	20	675.0	18.5	20	695.0	18.5	20	715.0	18.5	20	735.0	18.5	20
755.0	18.5	20	775.0	18.5	20	795.0	18.5	20	815.0	18.5	20	835.0	18.5	20
855.0	18.5	20	875.0	18.5	20	177.5	-18.5	20	177.5	18.5	20	-270.9	-18.5	20
-270.9	18.5	20	-767.8	-18.5	20	-767.8	18.5	20	199.5	-18.5	20	199.5	18.5	20
220.3	-18.5	20	220.3	18.5	20	268.3	-18.5	20	268.3	18.5	20	241.1	-18.5	20
241.1	18.5	20	203.3	-18.5	20	203.3	18.5	20						

Sezione a quota 951
Coordinate dei vertici

X	Y
-945.0	25.0
-945.0	87.3
-900.0	87.3
-900.0	25.0
845.0	25.0
845.0	87.3
895.0	87.3
895.0	25.0
895.0	-25.0
-945.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-925.0	-18.5	20	-905.0	-18.5	20	-885.0	-18.5	20	-865.0	-18.5	20	-845.0	-18.5	20
-825.0	-18.5	20	-805.0	-18.5	20	-785.0	-18.5	20	-765.0	-18.5	20	-745.0	-18.5	20
-725.0	-18.5	20	-705.0	-18.5	20	-685.0	-18.5	20	-665.0	-18.5	20	-645.0	-18.5	20
-625.0	-18.5	20	-605.0	-18.5	20	-585.0	-18.5	20	-565.0	-18.5	20	-545.0	-18.5	20
-525.0	-18.5	20	-505.0	-18.5	20	-485.0	-18.5	20	-465.0	-18.5	20	-445.0	-18.5	20
-425.0	-18.5	20	-405.0	-18.5	20	-385.0	-18.5	20	-365.0	-18.5	20	-345.0	-18.5	20
-325.0	-18.5	20	-305.0	-18.5	20	-285.0	-18.5	20	-265.0	-18.5	20	-245.0	-18.5	20
-225.0	-18.5	20	-205.0	-18.5	20	-185.0	-18.5	20	-165.0	-18.5	20	-145.0	-18.5	20
-125.0	-18.5	20	-105.0	-18.5	20	-85.0	-18.5	20	-65.0	-18.5	20	-45.0	-18.5	20
-25.0	-18.5	20	-5.0	-18.5	20	15.0	-18.5	20	35.0	-18.5	20	55.0	-18.5	20
75.0	-18.5	20	95.0	-18.5	20	115.0	-18.5	20	135.0	-18.5	20	155.0	-18.5	20
175.0	-18.5	20	195.0	-18.5	20	215.0	-18.5	20	235.0	-18.5	20	255.0	-18.5	20
275.0	-18.5	20	295.0	-18.5	20	315.0	-18.5	20	335.0	-18.5	20	355.0	-18.5	20
375.0	-18.5	20	395.0	-18.5	20	415.0	-18.5	20	435.0	-18.5	20	455.0	-18.5	20
475.0	-18.5	20	495.0	-18.5	20	515.0	-18.5	20	535.0	-18.5	20	555.0	-18.5	20
575.0	-18.5	20	595.0	-18.5	20	615.0	-18.5	20	635.0	-18.5	20	655.0	-18.5	20
675.0	-18.5	20	695.0	-18.5	20	715.0	-18.5	20	735.0	-18.5	20	755.0	-18.5	20
775.0	-18.5	20	795.0	-18.5	20	815.0	-18.5	20	835.0	-18.5	20	855.0	-18.5	20
875.0	-18.5	20	-925.0	18.5	20	-905.0	18.5	20	-885.0	18.5	20	-865.0	18.5	20
-845.0	18.5	20	-825.0	18.5	20	-805.0	18.5	20	-785.0	18.5	20	-765.0	18.5	20
-745.0	18.5	20	-725.0	18.5	20	-705.0	18.5	20	-685.0	18.5	20	-665.0	18.5	20
-645.0	18.5	20	-625.0	18.5	20	-605.0	18.5	20	-585.0	18.5	20	-565.0	18.5	20
-545.0	18.5	20	-525.0	18.5	20	-505.0	18.5	20	-485.0	18.5	20	-465.0	18.5	20
-445.0	18.5	20	-425.0	18.5	20	-405.0	18.5	20	-385.0	18.5	20	-365.0	18.5	20
-345.0	18.5	20	-325.0	18.5	20	-305.0	18.5	20	-285.0	18.5	20	-265.0	18.5	20
-245.0	18.5	20	-225.0	18.5	20	-205.0	18.5	20	-185.0	18.5	20	-165.0	18.5	20
-145.0	18.5	20	-125.0	18.5	20	-105.0	18.5	20	-85.0	18.5	20	-65.0	18.5	20
-45.0	18.5	20	-25.0	18.5	20	-5.0	18.5	20	15.0	18.5	20	35.0	18.5	20
55.0	18.5	20	75.0	18.5	20	95.0	18.5	20	115.0	18.5	20	135.0	18.5	20
155.0	18.5	20	175.0	18.5	20	195.0	18.5	20	215.0	18.5	20	235.0	18.5	20
255.0	18.5	20	275.0	18.5	20	295.0	18.5	20	315.0	18.5	20	335.0	18.5	20
355.0	18.5	20	375.0	18.5	20	395.0	18.5	20	415.0	18.5	20	435.0	18.5	20
455.0	18.5	20	475.0	18.5	20	495.0	18.5	20	515.0	18.5	20	535.0	18.5	20
555.0	18.5	20	575.0	18.5	20	595.0	18.5	20	615.0	18.5	20	635.0	18.5	20
655.0	18.5	20	675.0	18.5	20	695.0	18.5	20	715.0	18.5	20	735.0	18.5	20
755.0	18.5	20	775.0	18.5	20	795.0	18.5	20	815.0	18.5	20	835.0	18.5	20
855.0	18.5	20	875.0	18.5	20	177.5	-18.5	20	177.5	18.5	20	-270.9	-18.5	20
-270.9	18.5	20	-767.8	-18.5	20	-767.8	18.5	20	199.5	-18.5	20	199.5	18.5	20
220.3	-18.5	20	220.3	18.5	20	268.3	-18.5	20	268.3	18.5	20	241.1	-18.5	20
241.1	18.5	20	203.3	-18.5	20	203.3	18.5	20						

Sezione a quota 1171

Coordinate dei vertici

X	Y
-945.0	-25.0
-945.0	25.0
895.0	25.0
895.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-925.0	-18.5	20	-905.0	-18.5	20	-885.0	-18.5	20	-865.0	-18.5	20	-845.0	-18.5	20
-825.0	-18.5	20	-805.0	-18.5	20	-785.0	-18.5	20	-765.0	-18.5	20	-745.0	-18.5	20
-725.0	-18.5	20	-705.0	-18.5	20	-685.0	-18.5	20	-665.0	-18.5	20	-645.0	-18.5	20
-625.0	-18.5	20	-605.0	-18.5	20	-585.0	-18.5	20	-565.0	-18.5	20	-545.0	-18.5	20
-525.0	-18.5	20	-505.0	-18.5	20	-485.0	-18.5	20	-465.0	-18.5	20	-445.0	-18.5	20
-425.0	-18.5	20	-405.0	-18.5	20	-385.0	-18.5	20	-365.0	-18.5	20	-345.0	-18.5	20
-325.0	-18.5	20	-305.0	-18.5	20	-285.0	-18.5	20	-265.0	-18.5	20	-245.0	-18.5	20
-225.0	-18.5	20	-205.0	-18.5	20	-185.0	-18.5	20	-165.0	-18.5	20	-145.0	-18.5	20
-125.0	-18.5	20	-105.0	-18.5	20	-85.0	-18.5	20	-65.0	-18.5	20	-45.0	-18.5	20
-25.0	-18.5	20	-5.0	-18.5	20	15.0	-18.5	20	35.0	-18.5	20	55.0	-18.5	20
75.0	-18.5	20	95.0	-18.5	20	115.0	-18.5	20	135.0	-18.5	20	155.0	-18.5	20
175.0	-18.5	20	195.0	-18.5	20	215.0	-18.5	20	235.0	-18.5	20	255.0	-18.5	20
275.0	-18.5	20	295.0	-18.5	20	315.0	-18.5	20	335.0	-18.5	20	355.0	-18.5	20
375.0	-18.5	20	395.0	-18.5	20	415.0	-18.5	20	435.0	-18.5	20	455.0	-18.5	20
475.0	-18.5	20	495.0	-18.5	20	515.0	-18.5	20	535.0	-18.5	20	555.0	-18.5	20
575.0	-18.5	20	595.0	-18.5	20	615.0	-18.5	20	635.0	-18.5	20	655.0	-18.5	20
675.0	-18.5	20	695.0	-18.5	20	715.0	-18.5	20	735.0	-18.5	20	755.0	-18.5	20
775.0	-18.5	20	795.0	-18.5	20	815.0	-18.5	20	835.0	-18.5	20	855.0	-18.5	20
875.0	-18.5	20	-925.0	18.5	20	-905.0	18.5	20	-885.0	18.5	20	-865.0	18.5	20
-845.0	18.5	20	-825.0	18.5	20	-805.0	18.5	20	-785.0	18.5	20	-765.0	18.5	20
-745.0	18.5	20	-725.0	18.5	20	-705.0	18.5	20	-685.0	18.5	20	-665.0	18.5	20
-645.0	18.5	20	-625.0	18.5	20	-605.0	18.5	20	-585.0	18.5	20	-565.0	18.5	20
-545.0	18.5	20	-525.0	18.5	20	-505.0	18.5	20	-485.0	18.5	20	-465.0	18.5	20
-445.0	18.5	20	-425.0	18.5	20	-405.0	18.5	20	-385.0	18.5	20	-365.0	18.5	20
-345.0	18.5	20	-325.0	18.5	20	-305.0	18.5	20	-285.0	18.5	20	-265.0	18.5	20
-245.0	18.5	20	-225.0	18.5	20	-205.0	18.5	20	-185.0	18.5	20	-165.0	18.5	20
-145.0	18.5	20	-125.0	18.5	20	-105.0	18.5	20	-85.0	18.5	20	-65.0	18.5	20
-45.0	18.5	20	-25.0	18.5	20	-5.0	18.5	20	15.0	18.5	20	35.0	18.5	20
55.0	18.5	20	75.0	18.5	20	95.0	18.5	20	115.0	18.5	20	135.0	18.5	20
155.0	18.5	20	175.0	18.5	20	195.0	18.5	20	215.0	18.5	20	235.0	18.5	20
255.0	18.5	20	275.0	18.5	20	295.0	18.5	20	315.0	18.5	20	335.0	18.5	20
355.0	18.5	20	375.0	18.5	20	395.0	18.5	20	415.0	18.5	20	435.0	18.5	20
455.0	18.5	20	475.0	18.5	20	495.0	18.5	20	515.0	18.5	20	535.0	18.5	20
555.0	18.5	20	575.0	18.5	20	595.0	18.5	20	615.0	18.5	20	635.0	18.5	20
655.0	18.5	20	675.0	18.5	20	695.0	18.5	20	715.0	18.5	20	735.0	18.5	20
755.0	18.5	20	775.0	18.5	20	795.0	18.5	20	815.0	18.5	20	835.0	18.5	20
855.0	18.5	20	875.0	18.5	20									

Sezione a quota 1173

Coordinate dei vertici

X	Y
-945.0	-25.0

-945.0	25.0
895.0	25.0
895.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-925.0	-18.5	20	-905.0	-18.5	20	-885.0	-18.5	20	-865.0	-18.5	20	-845.0	-18.5	20
-825.0	-18.5	20	-805.0	-18.5	20	-785.0	-18.5	20	-765.0	-18.5	20	-745.0	-18.5	20
-725.0	-18.5	20	-705.0	-18.5	20	-685.0	-18.5	20	-665.0	-18.5	20	-645.0	-18.5	20
-625.0	-18.5	20	-605.0	-18.5	20	-585.0	-18.5	20	-565.0	-18.5	20	-545.0	-18.5	20
-525.0	-18.5	20	-505.0	-18.5	20	-485.0	-18.5	20	-465.0	-18.5	20	-445.0	-18.5	20
-425.0	-18.5	20	-405.0	-18.5	20	-385.0	-18.5	20	-365.0	-18.5	20	-345.0	-18.5	20
-325.0	-18.5	20	-305.0	-18.5	20	-285.0	-18.5	20	-265.0	-18.5	20	-245.0	-18.5	20
-225.0	-18.5	20	-205.0	-18.5	20	-185.0	-18.5	20	-165.0	-18.5	20	-145.0	-18.5	20
-125.0	-18.5	20	-105.0	-18.5	20	-85.0	-18.5	20	-65.0	-18.5	20	-45.0	-18.5	20
-25.0	-18.5	20	-5.0	-18.5	20	15.0	-18.5	20	35.0	-18.5	20	55.0	-18.5	20
75.0	-18.5	20	95.0	-18.5	20	115.0	-18.5	20	135.0	-18.5	20	155.0	-18.5	20
175.0	-18.5	20	195.0	-18.5	20	215.0	-18.5	20	235.0	-18.5	20	255.0	-18.5	20
275.0	-18.5	20	295.0	-18.5	20	315.0	-18.5	20	335.0	-18.5	20	355.0	-18.5	20
375.0	-18.5	20	395.0	-18.5	20	415.0	-18.5	20	435.0	-18.5	20	455.0	-18.5	20
475.0	-18.5	20	495.0	-18.5	20	515.0	-18.5	20	535.0	-18.5	20	555.0	-18.5	20
575.0	-18.5	20	595.0	-18.5	20	615.0	-18.5	20	635.0	-18.5	20	655.0	-18.5	20
675.0	-18.5	20	695.0	-18.5	20	715.0	-18.5	20	735.0	-18.5	20	755.0	-18.5	20
775.0	-18.5	20	795.0	-18.5	20	815.0	-18.5	20	835.0	-18.5	20	855.0	-18.5	20
875.0	-18.5	20	-925.0	18.5	20	-905.0	18.5	20	-885.0	18.5	20	-865.0	18.5	20
-845.0	18.5	20	-825.0	18.5	20	-805.0	18.5	20	-785.0	18.5	20	-765.0	18.5	20
-745.0	18.5	20	-725.0	18.5	20	-705.0	18.5	20	-685.0	18.5	20	-665.0	18.5	20
-645.0	18.5	20	-625.0	18.5	20	-605.0	18.5	20	-585.0	18.5	20	-565.0	18.5	20
-545.0	18.5	20	-525.0	18.5	20	-505.0	18.5	20	-485.0	18.5	20	-465.0	18.5	20
-445.0	18.5	20	-425.0	18.5	20	-405.0	18.5	20	-385.0	18.5	20	-365.0	18.5	20
-345.0	18.5	20	-325.0	18.5	20	-305.0	18.5	20	-285.0	18.5	20	-265.0	18.5	20
-245.0	18.5	20	-225.0	18.5	20	-205.0	18.5	20	-185.0	18.5	20	-165.0	18.5	20
-145.0	18.5	20	-125.0	18.5	20	-105.0	18.5	20	-85.0	18.5	20	-65.0	18.5	20
-45.0	18.5	20	-25.0	18.5	20	-5.0	18.5	20	15.0	18.5	20	35.0	18.5	20
55.0	18.5	20	75.0	18.5	20	95.0	18.5	20	115.0	18.5	20	135.0	18.5	20
155.0	18.5	20	175.0	18.5	20	195.0	18.5	20	215.0	18.5	20	235.0	18.5	20
255.0	18.5	20	275.0	18.5	20	295.0	18.5	20	315.0	18.5	20	335.0	18.5	20
355.0	18.5	20	375.0	18.5	20	395.0	18.5	20	415.0	18.5	20	435.0	18.5	20
455.0	18.5	20	475.0	18.5	20	495.0	18.5	20	515.0	18.5	20	535.0	18.5	20
555.0	18.5	20	575.0	18.5	20	595.0	18.5	20	615.0	18.5	20	635.0	18.5	20
655.0	18.5	20	675.0	18.5	20	695.0	18.5	20	715.0	18.5	20	735.0	18.5	20
755.0	18.5	20	775.0	18.5	20	795.0	18.5	20	815.0	18.5	20	835.0	18.5	20
855.0	18.5	20	875.0	18.5	20									

Sezione a quota 1236

Coordinate dei vertici

X	Y
-945.0	-25.0
-945.0	25.0
895.0	25.0
895.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-925.0	-18.5	20	-905.0	-18.5	20	-885.0	-18.5	20	-865.0	-18.5	20	-845.0	-18.5	20
-825.0	-18.5	20	-805.0	-18.5	20	-785.0	-18.5	20	-765.0	-18.5	20	-745.0	-18.5	20
-725.0	-18.5	20	-705.0	-18.5	20	-685.0	-18.5	20	-665.0	-18.5	20	-645.0	-18.5	20
-625.0	-18.5	20	-605.0	-18.5	20	-585.0	-18.5	20	-565.0	-18.5	20	-545.0	-18.5	20
-525.0	-18.5	20	-505.0	-18.5	20	-485.0	-18.5	20	-465.0	-18.5	20	-445.0	-18.5	20
-425.0	-18.5	20	-405.0	-18.5	20	-385.0	-18.5	20	-365.0	-18.5	20	-345.0	-18.5	20
-325.0	-18.5	20	-305.0	-18.5	20	-285.0	-18.5	20	-265.0	-18.5	20	-245.0	-18.5	20
-225.0	-18.5	20	-205.0	-18.5	20	-185.0	-18.5	20	-165.0	-18.5	20	-145.0	-18.5	20
-125.0	-18.5	20	-105.0	-18.5	20	-85.0	-18.5	20	-65.0	-18.5	20	-45.0	-18.5	20
-25.0	-18.5	20	-5.0	-18.5	20	15.0	-18.5	20	35.0	-18.5	20	55.0	-18.5	20
75.0	-18.5	20	95.0	-18.5	20	115.0	-18.5	20	135.0	-18.5	20	155.0	-18.5	20
175.0	-18.5	20	195.0	-18.5	20	215.0	-18.5	20	235.0	-18.5	20	255.0	-18.5	20
275.0	-18.5	20	295.0	-18.5	20	315.0	-18.5	20	335.0	-18.5	20	355.0	-18.5	20
375.0	-18.5	20	395.0	-18.5	20	415.0	-18.5	20	435.0	-18.5	20	455.0	-18.5	20
475.0	-18.5	20	495.0	-18.5	20	515.0	-18.5	20	535.0	-18.5	20	555.0	-18.5	20
575.0	-18.5	20	595.0	-18.5	20	615.0	-18.5	20	635.0	-18.5	20	655.0	-18.5	20
675.0	-18.5	20	695.0	-18.5	20	715.0	-18.5	20	735.0	-18.5	20	755.0	-18.5	20
775.0	-18.5	20	795.0	-18.5	20	815.0	-18.5	20	835.0	-18.5	20	855.0	-18.5	20
875.0	-18.5	20	-925.0	18.5	20	-905.0	18.5	20	-885.0	18.5	20	-865.0	18.5	20
-845.0	18.5	20	-825.0	18.5	20	-805.0	18.5	20	-785.0	18.5	20	-765.0	18.5	20
-745.0	18.5	20	-725.0	18.5	20	-705.0	18.5	20	-685.0	18.5	20	-665.0	18.5	20
-645.0	18.5	20	-625.0	18.5	20	-605.0	18.5	20	-585.0	18.5	20	-565.0	18.5	20
-545.0	18.5	20	-525.0	18.5	20	-505.0	18.5	20	-485.0	18.5	20	-465.0	18.5	20
-445.0	18.5	20	-425.0	18.5	20	-405.0	18.5	20	-385.0	18.5	20	-365.0	18.5	20
-345.0	18.5	20	-325.0	18.5	20	-305.0	18.5	20	-285.0	18.5	20	-265.0	18.5	20
-245.0	18.5	20	-225.0	18.5	20	-205.0	18.5	20	-185.0	18.5	20	-165.0	18.5	20
-145.0	18.5	20	-125.0	18.5	20	-105.0	18.5	20	-85.0	18.5	20	-65.0	18.5	20
-45.0	18.5	20	-25.0	18.5	20	-5.0	18.5	20	15.0	18.5	20	35.0	18.5	20
55.0	18.5	20	75.0	18.5	20	95.0	18.5	20	115.0	18.5	20	135.0	18.5	20
155.0	18.5	20	175.0	18.5	20	195.0	18.5	20	215.0	18.5	20	235.0	18.5	20
255.0	18.5	20	275.0	18.5	20	295.0	18.5	20	315.0	18.5	20	335.0	18.5	20
355.0	18.5	20	375.0	18.5	20	395.0	18.5	20	415.0	18.5	20	435.0	18.5	20
455.0	18.5	20	475.0	18.5	20	495.0	18.5	20	515.0	18.5	20	535.0	18.5	20
555.0	18.5	20	575.0	18.5	20	595.0	18.5	20	615.0	18.5	20	635.0	18.5	20
655.0	18.5	20	675.0	18.5	20	695.0	18.5	20	715.0	18.5	20	735.0	18.5	20
755.0	18.5	20	775.0	18.5	20	795.0	18.5	20	815.0	18.5	20	835.0	18.5	20
855.0	18.5	20	875.0	18.5	20									

Sezione a quota 1299

Coordinate dei vertici

X	Y
-945.0	-25.0
-945.0	25.0
895.0	25.0
895.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-925.0	-18.5	20	-905.0	-18.5	20	-885.0	-18.5	20	-865.0	-18.5	20	-845.0	-18.5	20
-825.0	-18.5	20	-805.0	-18.5	20	-785.0	-18.5	20	-765.0	-18.5	20	-745.0	-18.5	20
-725.0	-18.5	20	-705.0	-18.5	20	-685.0	-18.5	20	-665.0	-18.5	20	-645.0	-18.5	20
-625.0	-18.5	20	-605.0	-18.5	20	-585.0	-18.5	20	-565.0	-18.5	20	-545.0	-18.5	20
-525.0	-18.5	20	-505.0	-18.5	20	-485.0	-18.5	20	-465.0	-18.5	20	-445.0	-18.5	20
-425.0	-18.5	20	-405.0	-18.5	20	-385.0	-18.5	20	-365.0	-18.5	20	-345.0	-18.5	20
-325.0	-18.5	20	-305.0	-18.5	20	-285.0	-18.5	20	-265.0	-18.5	20	-245.0	-18.5	20
-225.0	-18.5	20	-205.0	-18.5	20	-185.0	-18.5	20	-165.0	-18.5	20	-145.0	-18.5	20
-125.0	-18.5	20	-105.0	-18.5	20	-85.0	-18.5	20	-65.0	-18.5	20	-45.0	-18.5	20
-25.0	-18.5	20	-5.0	-18.5	20	15.0	-18.5	20	35.0	-18.5	20	55.0	-18.5	20
75.0	-18.5	20	95.0	-18.5	20	115.0	-18.5	20	135.0	-18.5	20	155.0	-18.5	20
175.0	-18.5	20	195.0	-18.5	20	215.0	-18.5	20	235.0	-18.5	20	255.0	-18.5	20
275.0	-18.5	20	295.0	-18.5	20	315.0	-18.5	20	335.0	-18.5	20	355.0	-18.5	20
375.0	-18.5	20	395.0	-18.5	20	415.0	-18.5	20	435.0	-18.5	20	455.0	-18.5	20
475.0	-18.5	20	495.0	-18.5	20	515.0	-18.5	20	535.0	-18.5	20	555.0	-18.5	20
575.0	-18.5	20	595.0	-18.5	20	615.0	-18.5	20	635.0	-18.5	20	655.0	-18.5	20
675.0	-18.5	20	695.0	-18.5	20	715.0	-18.5	20	735.0	-18.5	20	755.0	-18.5	20
775.0	-18.5	20	795.0	-18.5	20	815.0	-18.5	20	835.0	-18.5	20	855.0	-18.5	20
875.0	-18.5	20	-925.0	18.5	20	-905.0	18.5	20	-885.0	18.5	20	-865.0	18.5	20
-845.0	18.5	20	-825.0	18.5	20	-805.0	18.5	20	-785.0	18.5	20	-765.0	18.5	20
-745.0	18.5	20	-725.0	18.5	20	-705.0	18.5	20	-685.0	18.5	20	-665.0	18.5	20
-645.0	18.5	20	-625.0	18.5	20	-605.0	18.5	20	-585.0	18.5	20	-565.0	18.5	20
-545.0	18.5	20	-525.0	18.5	20	-505.0	18.5	20	-485.0	18.5	20	-465.0	18.5	20
-445.0	18.5	20	-425.0	18.5	20	-405.0	18.5	20	-385.0	18.5	20	-365.0	18.5	20
-345.0	18.5	20	-325.0	18.5	20	-305.0	18.5	20	-285.0	18.5	20	-265.0	18.5	20
-245.0	18.5	20	-225.0	18.5	20	-205.0	18.5	20	-185.0	18.5	20	-165.0	18.5	20
-145.0	18.5	20	-125.0	18.5	20	-105.0	18.5	20	-85.0	18.5	20	-65.0	18.5	20
-45.0	18.5	20	-25.0	18.5	20	-5.0	18.5	20	15.0	18.5	20	35.0	18.5	20
55.0	18.5	20	75.0	18.5	20	95.0	18.5	20	115.0	18.5	20	135.0	18.5	20
155.0	18.5	20	175.0	18.5	20	195.0	18.5	20	215.0	18.5	20	235.0	18.5	20
255.0	18.5	20	275.0	18.5	20	295.0	18.5	20	315.0	18.5	20	335.0	18.5	20
355.0	18.5	20	375.0	18.5	20	395.0	18.5	20	415.0	18.5	20	435.0	18.5	20
455.0	18.5	20	475.0	18.5	20	495.0	18.5	20	515.0	18.5	20	535.0	18.5	20
555.0	18.5	20	575.0	18.5	20	595.0	18.5	20	615.0	18.5	20	635.0	18.5	20
655.0	18.5	20	675.0	18.5	20	695.0	18.5	20	715.0	18.5	20	735.0	18.5	20
755.0	18.5	20	775.0	18.5	20	795.0	18.5	20	815.0	18.5	20	835.0	18.5	20
855.0	18.5	20	875.0	18.5	20									

Verifica eseguita con comportamento non dissipativo
Le condizioni sismiche sono state moltiplicate per i rispettivi fattori di struttura

fcd	fctd	Hcr	q.Hcr	hw	Lw	n.p.	hs
212	16	470	315	1455	1840	10	158

Verifica a pressoflessione

quota	Mxd	Myd	Ned	Ngrav.	NReale	c.s.	comb
-4	13489000	207464700	-421926	-421926	-421926	11.6206	8 SLU
-4	17870130	41472900	-97882	-294223	-97882	7.0168	14 SLV
51	9637679	204087300	-415722	-415722	-415722	16.0078	8 SLU
51	13708310	40777510	-93224	-289564	-93224	9.7855	14 SLV
105	5835114	200239200	-410062	-410062	-410062	24.3577	8 SLU
105	8998883	39992900	-89598	-286212	-89598	16.8505	14 SLV
107	32594980	202059200	-622672	-622672	-622672	16.5766	8 SLU
107	-10125590	224467100	-716731	-436918	-716731	7.0262	3 SLV
185	13383730	195997100	-587169	-587169	-587169	29.1056	6 SLU
185	-7931249	216651700	-670414	-406592	-670414	7.9533	3 SLV
263	819418	191276100	-557196	-557196	-557196	16.8283	6 SLU
263	-4966540	216010400	-642170	-385372	-642170	9.7504	3 SLV
265	863172	187821700	-545109	-545109	-545109	17.2372	6 SLU
265	-4716219	210794400	-623603	-377559	-623603	10.0543	3 SLV
267	626394	187688200	-545109	-545109	-545109	16.9040	6 SLU
267	-4608361	210558200	-623603	-377559	-623603	10.0999	3 SLV
269	388063	187535500	-545180	-545180	-545180	16.5760	6 SLU
269	-4458492	210740300	-625072	-377726	-625072	10.1654	3 SLV
271	150019	23003190	-540997	-540997	-540997	36.6215	6 SLU
271	-4371884	44766230	-646022	-375759	-646022	15.8787	3 SLV
433	-10209120	19947220	-466751	-466751	-466751	9.8578	8 SLU
433	-14137400	-27019620	-79922	-329434	-79922	3.5817	14 SLV
594	-8115837	18910530	-401662	-401662	-401662	12.6893	8 SLU
594	-14310790	-26029930	-76839	-284683	-76839	3.5345	14 SLV
596	-8040153	18867200	-401662	-401662	-401662	12.8151	8 SLU
596	-14211610	-25892830	-76839	-284683	-76839	3.5628	14 SLV
613	-7414269	22121930	-386764	-386764	-386764	13.7480	7 SLU
613	-13432850	-22665350	-66463	-272887	-66463	3.7660	14 SLV
629	-6635076	19740760	-361906	-361906	-361906	15.5256	7 SLU
629	-12007530	-23747870	-38952	-255329	-38952	4.0576	16 SLV
631	-6551301	19702390	-361841	-361841	-361841	15.7365	7 SLU
631	-11900840	-23983790	-38808	-255310	-38808	4.0937	16 SLV
679	-4826546	16724770	-372659	-372659	-372659	22.6483	7 SLU
679	-9022572	-20707610	-64291	-263315	-64291	5.9916	16 SLV
726	-2873013	19548230	-355325	-355325	-355325	36.9687	5 SLU
726	-5821852	-32745050	-57983	-246497	-57983	9.2529	16 SLV
728	-2800070	19542120	-355325	-355325	-355325	37.2899	5 SLU
728	-5692691	-32933550	-57938	-246497	-57938	9.4818	16 SLV
729	-2781832	19540600	-355325	-355325	-355325	37.3697	5 SLU

729	-5661785	-33877980	-56832	-246497	-56832	9.4601	16 SLV
729	-2763603	19539060	-355325	-355325	-355325	37.4498	5 SLU
729	-5629222	-33918370	-56832	-246497	-56832	9.5166	16 SLV
731	-3016112	12568220	-346509	-346509	-346509	38.0095	5 SLU
731	-5937677	-21061760	-83883	-241037	-83883	10.5448	14 SLV
951	-860538	7759470	-252528	-252528	-252528	69.6488	7 SLU
951	-5126878	-15975780	-111653	-175413	-111653	15.0337	13 SLV
1171	202695	4101116	-181427	-181427	-181427	98.1927	5 SLU
1171	-4068778	-4726998	-91853	-121163	-91853	19.7958	14 SLV
1173	-268956	2672443	-151438	-151438	-151438	117.6373	5 SLU
1173	-4465680	-5299878	-85555	-100155	-85555	16.3029	13 SLV
1236	-128620	1257829	-131296	-131296	-131296	135.6840	5 SLU
1236	-2549726	-2845519	-80372	-85048	-80372	41.8840	13 SLV
1299	24249	785268	-112654	-112654	-112654	158.1369	5 SLU
1299	8202	2957483	-76501	-70708	-76501	232.8704	1 SLV

Verifica compressione del diagonale

quota	epsilon	VEd	Vrcd	comb
-4	1.00	13488	2730010	8 SLU
-4	1.00	177966	2721121	12 SLV
51	1.00	13481	2728769	8 SLU
51	1.00	178150	2720276	12 SLV
105	1.00	4875	2727637	8 SLU
105	1.00	175927	2712980	12 SLV
107	1.00	84838	2770160	8 SLU
107	1.00	446346	2707195	12 SLV
185	1.00	77201	2761522	8 SLU
185	1.00	438632	2699894	12 SLV
263	1.00	82312	2757064	6 SLU
263	1.00	429158	2700932	12 SLV
265	1.00	66976	2753191	8 SLU
265	1.00	423856	2692934	12 SLV
267	1.00	66976	2753191	8 SLU
267	1.00	423856	2692934	12 SLV
269	1.00	66967	2753205	8 SLU
269	1.00	423353	2692961	12 SLV
271	1.00	51454	4001016	8 SLU
271	1.00	413661	3942887	12 SLV
433	1.00	41955	3987710	8 SLU
433	1.00	365777	3941116	12 SLV
594	1.00	21760	3975864	6 SLU
594	1.00	312536	3933903	12 SLV
596	1.00	21760	3975864	6 SLU
596	1.00	312536	3933903	12 SLV
613	1.00	21760	3972797	6 SLU
613	1.00	311667	3931651	12 SLV
629	1.00	19813	3967667	6 SLU
629	1.00	316434	3948978	8 SLV
631	1.00	19809	3967654	6 SLU
631	1.00	315969	3948878	8 SLV
679	1.00	13905	3969844	6 SLU
679	1.00	292405	3953803	8 SLV
726	1.00	9912	3965280	6 SLU
726	1.00	275088	3947545	8 SLV
728	1.00	9904	3965280	6 SLU
728	1.00	273854	3947543	8 SLV
729	1.00	9896	3965280	6 SLU
729	1.00	272835	3947603	8 SLV
729	1.00	9896	3965280	6 SLU
729	1.00	272835	3947603	8 SLV
731	1.00	15207	3962680	8 SLU
731	1.00	252044	3928505	12 SLV
951	1.00	10178	3944800	8 SLU
951	1.00	211469	3922826	12 SLV
1171	1.00	10201	3930609	6 SLU
1171	1.00	170278	3919044	8 SLV
1173	1.00	10040	3924627	6 SLU
1173	1.00	139492	3914427	8 SLV
1236	1.00	9965	3920613	6 SLU
1236	1.00	125656	3911376	8 SLV
1299	1.00	9965	3916884	6 SLU
1299	1.00	125601	3908536	8 SLV

Verifica trazione del diagonale

quota	alfaS	At	roh	rov	MEd	NEd	VEd	VRsd	comb
-4	0.00	948.8	0.0060	0.0152	207464700	-421926	13488	1179484	8 SLU
-4	0.00	948.8	0.0060	0.0152	210016900	-377480	177966	1179484	12 SLV
51	0.00	948.8	0.0059	0.0152	204087300	-415722	13481	1147441	8 SLU
51	0.00	948.8	0.0059	0.0152	198486900	-373256	178150	1147441	12 SLV
105	0.00	948.8	0.0065	0.0152	200239200	-410062	4875	1279314	8 SLU
105	0.00	948.8	0.0065	0.0152	179085800	-336775	175927	1279314	12 SLV
107	0.00	948.8	0.0059	0.0152	202059200	-622672	84838	1147441	8 SLU
107	0.00	948.8	0.0059	0.0152	213321000	-307850	446346	1147441	12 SLV
185	0.00	936.2	0.0065	0.0150	194400600	-579485	77201	1279314	8 SLU
185	0.00	936.2	0.0065	0.0150	177885500	-271344	438632	1279314	12 SLV
263	0.00	918.3	0.0075	0.0147	191276100	-557196	82312	1475281	6 SLU
263	0.00	918.3	0.0075	0.0147	155596900	-276535	429158	1475281	12 SLV
265	0.00	907.9	0.0074	0.0145	186070800	-537830	66976	1443235	8 SLU
265	0.00	907.9	0.0074	0.0145	145541900	-236546	423856	1443235	12 SLV
267	0.00	897.3	0.0067	0.0144	185936800	-537830	66976	1311361	8 SLU
267	0.00	897.3	0.0067	0.0144	144694200	-236546	423856	1311361	12 SLV
269	0.00	886.7	0.0067	0.0142	185783700	-537900	66967	1311361	8 SLU
269	0.00	886.7	0.0067	0.0142	143950500	-236679	423353	1311361	12 SLV
271	0.00	835.4	0.0084	0.0091	23002700	-533279	51454	2412904	8 SLU

271	0.00	835.4	0.0084	0.0091	77747540	-242635	413661	2412904	12 SLV
433	0.00	571.8	0.0059	0.0062	19947220	-466751	41955	1689033	8 SLU
433	0.00	571.8	0.0059	0.0062	39741980	-233781	365777	1689033	12 SLV
594	0.00	574.0	0.0059	0.0062	19418640	-407518	21760	1689033	6 SLU
594	0.00	574.0	0.0059	0.0062	9318520	-197712	312536	1689033	12 SLV
596	0.00	574.2	0.0065	0.0062	19375120	-407518	21760	1883151	6 SLU
596	0.00	574.2	0.0065	0.0062	8693448	-197712	312536	1883151	12 SLV
613	0.00	578.6	0.0059	0.0063	22546050	-392183	21760	1689033	6 SLU
613	0.00	578.6	0.0059	0.0063	28037340	-313354	312647	1689033	8 SLV
629	0.00	582.3	0.0059	0.0063	20091370	-366535	19813	1689033	6 SLU
629	0.00	582.3	0.0059	0.0063	23550130	-273089	316434	1689033	8 SLV
631	0.00	582.6	0.0059	0.0063	20036950	-366470	19809	1689033	6 SLU
631	0.00	582.6	0.0059	0.0063	22803460	-272590	315969	1689033	8 SLV
679	0.00	601.2	0.0067	0.0065	16949570	-377421	13905	1930323	6 SLU
679	0.00	601.2	0.0067	0.0065	16764910	-297215	292405	1930323	8 SLV
726	0.00	615.6	0.0077	0.0067	19203780	-354598	9912	2218786	6 SLU
726	0.00	615.6	0.0077	0.0067	17016030	-265926	275088	2218786	8 SLV
728	0.00	617.0	0.0076	0.0067	19183960	-354598	9904	2186116	6 SLU
728	0.00	617.0	0.0076	0.0067	16459870	-265914	273854	2186116	8 SLV
729	0.00	617.1	0.0076	0.0067	19179010	-354598	9896	2193477	6 SLU
729	0.00	617.1	0.0076	0.0067	16566140	-266212	272835	2193477	8 SLV
729	0.00	617.1	0.0076	0.0067	19174060	-354598	9896	2200888	6 SLU
729	0.00	617.1	0.0076	0.0067	16429720	-266212	272835	2200888	8 SLV
731	0.00	617.3	0.0077	0.0067	12040760	-341600	15207	2231038	8 SLU
731	0.00	617.3	0.0077	0.0067	717021	-170723	252044	2231038	12 SLV
951	0.00	622.0	0.0076	0.0068	8136865	-252198	10178	2196605	8 SLU
951	0.00	622.0	0.0076	0.0068	20395560	-142331	211469	2196605	12 SLV
1171	0.00	571.8	0.0059	0.0062	4055614	-181244	10201	1689033	6 SLU
1171	0.00	571.8	0.0059	0.0062	4651925	-123419	170278	1689033	8 SLV
1173	0.00	571.8	0.0059	0.0062	2818863	-151335	10040	1689033	6 SLU
1173	0.00	571.8	0.0059	0.0062	10783120	-100333	139492	1689033	8 SLV
1236	0.00	571.8	0.0063	0.0062	1363418	-131263	9965	1822641	6 SLU
1236	0.00	571.8	0.0063	0.0062	6308857	-85080	125656	1822641	8 SLV
1299	0.00	571.8	0.0067	0.0062	712289	-112621	9965	1930323	6 SLU
1299	0.00	571.8	0.0067	0.0062	-1714150	-70878	125601	1930323	8 SLV

Parete pozzetti scarico O

Parete fra le coordinate in pianta (-175;135) (-175;-185)
da quota -355 a quota -5
Valori in daN, cm
C35/45_1: rck 450
fyk 4500

Verifica di stato limite ultimo

nod	sez	B	H	Af+	Af-	c+	c-	c.s.	comb	N	M	Nu	Mu
133	o	70	30	6.0	6.0	6.3	6.3	24.379	10 SLV	-16144	-41937	-393567	-1022389
	v	100	30	10.1	10.1	7.9	7.9	2.339	7 SLV	15594	-249233	36470	-582886
163	o	50	30	4.0	4.0	6.3	6.3	20.175	7 SLU	-14149	-32547	-285451	-656636
	v	100	30	10.1	10.1	7.9	7.9	1.661	10 SLV	33017	-203098	54852	-337416
972	o	65	30	6.0	6.0	6.3	6.3	9.456	7 SLU	-30203	166306	-285605	1572618
	v	50	30	4.0	4.0	7.9	7.9	3.937	11 SLV	-2538	135233	-9992	532418

Combinazione rara

nod	sez	B	H	Af+	Af-	c+	c-	sc	c	N	M	sf	c	N	M	Wk(mm)	Wlim	st	Sm(mm)	c
133	o	70	30	6.0	6.0	6.3	6.3	-6.3	1 ra	-9.33E03	-2.55E04	-42.0	1 ra	-9.33E03	-2.55E04	0.00999.00	0.0	0.0	1	ra
	v	100	30	10.1	10.1	7.9	7.9	-39.0	1 ra	-2.39E04	-3.17E05	402.2	1 ra	-2.39E04	-3.17E05	0.00999.00	12.9	0.0	1	ra
163	o	50	30	4.0	4.0	6.3	6.3	-9.4	1 ra	-1.05E04	-2.37E04	-71.9	1 ra	-1.05E04	-2.37E04	0.00999.00	0.0	0.0	1	ra
	v	100	30	10.1	10.1	7.9	7.9	-41.7	1 ra	1.03E04	-2.66E05	1893.3	1 ra	1.03E04	-2.66E05	0.00999.00	20.6	0.0	1	ra
972	o	65	30	6.0	6.0	6.3	6.3	-22.4	1 ra	-2.24E04	1.25E05	-54.1	1 ra	-2.24E04	1.25E05	0.00999.00	1.3	0.0	1	ra
	v	50	30	4.0	4.0	7.9	7.9	-53.5	1 ra	-1.61E04	2.10E05	575.7	1 ra	-1.61E04	2.10E05	0.00999.00	16.9	0.0	1	ra

Combinazione frequente

nod	sez	B	H	Af+	Af-	c+	c-	sc	c	N	M	sf	c	N	M	Wk(mm)	Wlim	st	Sm(mm)	c
133	o	70	30	6.0	6.0	6.3	6.3	-6.3	1 fr	-9.33E03	-2.55E04	-42.0	1 fr	-9.33E03	-2.55E04	0.00	0.20	0.0	0.0	1 fr
	v	100	30	10.1	10.1	7.9	7.9	-39.0	1 fr	-2.39E04	-3.17E05	402.2	1 fr	-2.39E04	-3.17E05	0.00	0.20	12.9	0.0	1 fr
163	o	50	30	4.0	4.0	6.3	6.3	-9.4	1 fr	-1.05E04	-2.37E04	-71.9	1 fr	-1.05E04	-2.37E04	0.00	0.20	0.0	0.0	1 fr
	v	100	30	10.1	10.1	7.9	7.9	-41.7	1 fr	1.03E04	-2.66E05	1893.3	1 fr	1.03E04	-2.66E05	0.00	0.20	20.6	0.0	1 fr
972	o	65	30	6.0	6.0	6.3	6.3	-22.4	1 fr	-2.24E04	1.25E05	-54.1	1 fr	-2.24E04	1.25E05	0.00	0.20	1.3	0.0	1 fr
	v	50	30	4.0	4.0	7.9	7.9	-53.5	1 fr	-1.61E04	2.10E05	575.7	1 fr	-1.61E04	2.10E05	0.00	0.20	16.9	0.0	1 fr

Combinazione quasi permanente

nod	sez	B	H	Af+	Af-	c+	c-	sc	c	N	M	sf	c	N	M	Wk(mm)	Wlim	st	Sm(mm)	c
133	o	70	30	6.0	6.0	6.3	6.3	-5.7	4 q.	-8.63E03	-2.21E04	-40.0	4 q.	-8.63E03	-2.21E04	0.00	0.20	0.0	0.0	1 q.
	v	100	30	10.1	10.1	7.9	7.9	-31.1	3 q.	-2.16E04	-2.60E05	257.4	3 q.	-2.16E04	-2.60E05	0.00	0.20	10.0	0.0	1 q.
163	o	50	30	4.0	4.0	6.3	6.3	-6.7	4 q.	-8.72E03	-1.11E04	-68.8	4 q.	-8.72E03	-1.11E04	0.00	0.20	0.0	0.0	1 q.
	v	100	30	10.1	10.1	7.9	7.9	-33.5	4 q.	9.94E03	-2.13E05	1609.8	4 q.	9.94E03	-2.13E05	0.00	0.20	17.0	0.0	1 q.
972	o	65	30	6.0	6.0	6.3	6.3	-21.3	4 q.	-2.09E04	1.21E05	-46.1	4 q.	-2.09E04	1.21E05	0.00	0.20	1.9	0.0	1 q.
	v	50	30	4.0	4.0	7.9	7.9	-50.1	4 q.	-1.49E04	1.96E05	557.7	3 q.	-1.47E04	1.94E05	0.00	0.20	15.9	0.0	1 q.

Verifica dei pannelli

Pannello : Pannello da Filo 61 a Filo 59

Sezione a quota -274
Coordinate dei vertici

X	Y
-135.0	15.0
-135.0	31.0
-105.0	31.0
-105.0	15.0
145.0	15.0
145.0	31.0

```
  185.0    31.0
  185.0    15.0
  185.0   -15.0
 -135.0   -15.0

Armature verticali
      X       Y    ø       X       Y    ø       X       Y    ø       X       Y    ø       X       Y    ø
 -115.0    -8.7   16   -95.0    -8.7   16   -75.0    -8.7   16   -55.0    -8.7   16   -35.0    -8.7   16
  -15.0    -8.7   16     5.0    -8.7   16    25.0    -8.7   16    45.0    -8.7   16    65.0    -8.7   16
   85.0    -8.7   16   105.0    -8.7   16   125.0    -8.7   16   145.0    -8.7   16   165.0    -8.7   16
 -115.0     8.7   16   -95.0     8.7   16   -75.0     8.7   16   -55.0     8.7   16   -35.0     8.7   16
  -15.0     8.7   16     5.0     8.7   16    25.0     8.7   16    45.0     8.7   16    65.0     8.7   16
   85.0     8.7   16   105.0     8.7   16   125.0     8.7   16   145.0     8.7   16   165.0     8.7   16

Sezione a quota -140
Coordinate dei vertici
      X       Y
 -135.0    15.0
 -135.0    33.8
 -105.0    33.8
 -105.0    15.0
  145.0    15.0
  145.0    33.8
  185.0    33.8
  185.0    15.0
  185.0   -15.0
 -135.0   -15.0

Armature verticali
      X       Y    ø       X       Y    ø       X       Y    ø       X       Y    ø       X       Y    ø
 -115.0    -8.7   16   -95.0    -8.7   16   -75.0    -8.7   16   -55.0    -8.7   16   -35.0    -8.7   16
  -15.0    -8.7   16     5.0    -8.7   16    25.0    -8.7   16    45.0    -8.7   16    65.0    -8.7   16
   85.0    -8.7   16   105.0    -8.7   16   125.0    -8.7   16   145.0    -8.7   16   165.0    -8.7   16
 -115.0     8.7   16   -95.0     8.7   16   -75.0     8.7   16   -55.0     8.7   16   -35.0     8.7   16
  -15.0     8.7   16     5.0     8.7   16    25.0     8.7   16    45.0     8.7   16    65.0     8.7   16
   85.0     8.7   16   105.0     8.7   16   125.0     8.7   16   145.0     8.7   16   165.0     8.7   16

Sezione a quota -6
Coordinate dei vertici
      X       Y
 -135.0   -15.0
 -135.0    15.0
  185.0    15.0
  185.0   -15.0

Armature verticali
      X       Y    ø       X       Y    ø       X       Y    ø       X       Y    ø       X       Y    ø
 -115.0    -8.7   16   -95.0    -8.7   16   -75.0    -8.7   16   -55.0    -8.7   16   -35.0    -8.7   16
  -15.0    -8.7   16     5.0    -8.7   16    25.0    -8.7   16    45.0    -8.7   16    65.0    -8.7   16
   85.0    -8.7   16   105.0    -8.7   16   125.0    -8.7   16   145.0    -8.7   16   165.0    -8.7   16
 -115.0     8.7   16   -95.0     8.7   16   -75.0     8.7   16   -55.0     8.7   16   -35.0     8.7   16
  -15.0     8.7   16     5.0     8.7   16    25.0     8.7   16    45.0     8.7   16    65.0     8.7   16
   85.0     8.7   16   105.0     8.7   16   125.0     8.7   16   145.0     8.7   16   165.0     8.7   16


Verifica eseguita come parete di fondazione comportamento non dissipativo
Le verifiche SLV sono state condotte con sollecitazioni derivate dalla famiglia di combinazioni 'SLV fondazioni'
 fcd fctd   Hcr q.Hcr    hw    Lw   n.p.    hs
 212   16   300    -5   300   320     2   198

Verifica a pressoflessione
quota         Mxd        Myd        Ned     Ngrav.     NReale     c.s. comb
 -274       29218    -442658     -28133     -28133     -28133  72.9081 7 SLU
 -274       26193   -2235176     -28123     -19454     -28123  45.5575 10 SLVFond
 -140      -82430    1537786     -30177     -30177     -30177  39.4643 7 SLU
 -140      -64433    1462629     -37007     -21130     -37007  39.3997 14 SLVFond
   -6       43830    5106251     -27871     -27871     -27871  13.6951 5 SLU
   -6       74057    4376812        728     -19989        728   7.2299 1 SLVFond

Verifica compressione del diagonale
quota  epsilon       VEd      Vrcd comb
 -274     1.00    -23971    411995 7 SLU
 -274     1.00    -49269    411993 10 SLVFond
 -140     1.00    -36243    412403 7 SLU
 -140     1.00    -69612    413199 10 SLVFond
   -6     1.00    -41175    411942 5 SLU
   -6     1.00    -69610    410187 6 SLVFond

Verifica trazione del diagonale
quota    alfaS    At     roh     rov        MEd        NEd       VEd      VRsd comb
 -274     0.00  60.3  0.0067  0.0063    -442658     -28133    -23971    201445 7 SLU
 -274     0.00  60.3  0.0067  0.0063   -2235176     -28123    -49269    201445 10 SLVFond
 -140     0.00  60.3  0.0067  0.0063    1537786     -30177    -36243    201445 7 SLU
 -140     0.00  60.3  0.0067  0.0063    1387765     -34157    -69612    201445 10 SLVFond
   -6     0.00  60.3  0.0054  0.0063    5106251     -27871    -41175    161156 5 SLU
   -6     0.00  60.3  0.0054  0.0063    6624242     -19093    -69610    161156 6 SLVFond
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Parete pozzetto est

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Parete fra le coordinate in pianta (725;950) (725;555)
da quota -395 a quota -5
Valori in daN, cm
C35/45_1: rck 450
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fyk 4500

Verifica di stato limite ultimo

nod	sez	B	H	Af+	Af-	c+	c-	c.s.	comb	N	M	Nu	Mu
680	o	100	50	10.1	10.1	6.3	6.3	1.046	11 SLV	63746	-219257	66650	-229246
	v	100	50	16.3	16.3	8.0	8.0	4.266	6 SLV	22301	156749	95141	668731
1173	o	75	50	6.0	6.0	6.3	6.3	5.087	11 SLV	-63945	-1098804	-325295	-5589767
	v	50	50	10.3	10.3	8.0	8.0	1.950	2 SLV	25875	314688	50456	613643
1264	o	75	50	7.4	7.4	6.3	6.3	1.067	1 SLV	49839	-86777	53198	-92625
	v	50	50	4.0	4.0	7.9	7.9	6.784	16 SLV	-3187	167769	-21619	1138203

Combinazione rara

nod	sez	B	H	Af+	Af-	c+	c-	sc	c	N	M	sf	c	N	M	Wk(mm)	Wlim	st	Sm(mm)	c
680	o	100	50	10.1	10.1	6.3	6.3	-5.9	1 ra	3.20E03	-1.40E05	2040.1	1 ra	3.35E04	-1.41E05	0.00999.00		9.8	0.0	1 ra
	v	100	50	16.3	16.3	8.0	8.0	-8.3	1 ra	-2.63E04	1.67E05	35.7	1 ra	-4.01E03	8.74E04	0.00999.00		1.2	0.0	1 ra
1173	o	75	50	6.0	6.0	6.3	6.3	-34.3	1 ra	-3.81E04	-6.47E05	261.2	1 ra	-3.81E04	-6.47E05	0.00999.00		10.1	0.0	1 ra
	v	50	50	10.3	10.3	8.0	8.0	-6.1	1 ra	6.28E03	1.22E05	642.1	1 ra	6.28E03	1.22E05	0.00999.00		7.9	0.0	1 ra
1264	o	75	50	7.4	7.4	6.3	6.3	-2.9	1 ra	-5.41E03	5.16E04	-3.4	1 ra	-5.41E03	5.16E04	0.00999.00		0.2	0.0	1 ra
	v	50	50	4.0	4.0	7.9	7.9	-2.8	1 ra	-3.98E03	2.82E04	-9.8	1 ra	-3.98E03	2.82E04	0.00999.00		0.0	0.0	1 ra

Combinazione frequente

nod	sez	B	H	Af+	Af-	c+	c-	sc	c	N	M	sf	c	N	M	Wk(mm)	Wklim	st	Sm(mm)	c
680	o	100	50	10.1	10.1	6.3	6.3	-5.9	1 fr	3.20E03	-1.40E05	2040.1	1 fr	3.35E04	-1.41E05	0.00	0.20	9.8	0.0	1 fr
	v	100	50	16.3	16.3	8.0	8.0	-8.3	1 fr	-2.63E04	1.67E05	35.7	1 fr	-4.01E03	8.74E04	0.00	0.20	1.2	0.0	1 fr
1173	o	75	50	6.0	6.0	6.3	6.3	-34.3	1 fr	-3.81E04	-6.47E05	261.2	1 fr	-3.81E04	-6.47E05	0.00	0.20	10.1	0.0	1 fr
	v	50	50	10.3	10.3	8.0	8.0	-6.1	1 fr	6.28E03	1.22E05	642.1	1 fr	6.28E03	1.22E05	0.00	0.20	7.9	0.0	1 fr
1264	o	75	50	7.4	7.4	6.3	6.3	-2.9	1 fr	-5.41E03	5.16E04	-3.4	1 fr	-5.41E03	5.16E04	0.00	0.20	0.2	0.0	1 fr
	v	50	50	4.0	4.0	7.9	7.9	-2.8	1 fr	-3.98E03	2.82E04	-9.8	1 fr	-3.98E03	2.82E04	0.00	0.20	0.0	0.0	1 fr

Combinazione quasi permanente

nod	sez	B	H	Af+	Af-	c+	c-	sc	c	N	M	sf	c	N	M	Wk(mm)	Wklim	st	Sm(mm)	c
680	o	100	50	10.1	10.1	6.3	6.3	-5.6	4 q.	2.62E03	-1.29E05	1873.9	4 q.	3.06E04	-1.32E05	0.00	0.20	9.0	0.0	1 q.
	v	100	50	16.3	16.3	8.0	8.0	-7.5	4 q.	-2.28E04	1.57E05	85.6	2 q.	-1.55E03	8.10E04	0.00	0.20	1.5	0.0	1 q.
1173	o	75	50	6.0	6.0	6.3	6.3	-31.2	4 q.	-3.57E04	-5.92E05	222.5	3 q.	-3.47E04	-5.80E05	0.00	0.20	9.0	0.0	1 q.
	v	50	50	10.3	10.3	8.0	8.0	-4.6	3 q.	6.91E03	1.12E05	678.5	2 q.	7.60E03	1.09E05	0.00	0.20	7.8	0.0	1 q.
1264	o	75	50	7.4	7.4	6.3	6.3	-3.6	2 q.	-7.34E03	6.10E04	-7.8	2 q.	-7.34E03	6.10E04	0.00	0.20	0.2	0.0	1 q.
	v	50	50	4.0	4.0	7.9	7.9	-2.7	4 q.	-3.47E03	2.95E04	39.1	2 q.	1.34E02	-3.32E03	0.00	0.20	0.2	0.0	1 q.

Verifica dei pannelli

Pannello : Pannello da Filo 112 a (725;555)

Sezione a quota -274

Coordinate dei vertici

X	Y
-950.0	25.0
-555.0	25.0
-555.0	-25.0
-555.0	-67.3
-605.0	-67.3
-605.0	-25.0
-900.0	-25.0
-900.0	-67.3
-950.0	-67.3
-950.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-935.3	-18.7	16	-915.3	-18.7	16	-895.3	-18.7	16	-875.3	-18.7	16	-855.3	-18.7	16
-835.3	-18.7	16	-815.3	-18.7	16	-795.3	-18.7	16	-775.3	-18.7	16	-755.3	-18.7	16
-735.3	-18.7	16	-715.3	-18.7	16	-695.3	-18.7	16	-675.3	-18.7	16	-655.3	-18.7	16
-635.3	-18.7	16	-615.3	-18.7	16	-595.3	-18.7	16	-575.3	-18.7	16	-935.3	18.7	16
-915.3	18.7	16	-895.3	18.7	16	-875.3	18.7	16	-855.3	18.7	16	-835.3	18.7	16
-815.3	18.7	16	-795.3	18.7	16	-775.3	18.7	16	-755.3	18.7	16	-735.3	18.7	16
-715.3	18.7	16	-695.3	18.7	16	-675.3	18.7	16	-655.3	18.7	16	-635.3	18.7	16
-615.3	18.7	16	-595.3	18.7	16	-575.3	18.7	16						

Sezione a quota -140

Coordinate dei vertici

X	Y
-950.0	-25.0
-950.0	25.0
-555.0	25.0
-555.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-935.3	-18.7	16	-915.3	-18.7	16	-895.3	-18.7	16	-875.3	-18.7	16	-855.3	-18.7	16
-835.3	-18.7	16	-815.3	-18.7	16	-795.3	-18.7	16	-775.3	-18.7	16	-755.3	-18.7	16
-735.3	-18.7	16	-715.3	-18.7	16	-695.3	-18.7	16	-675.3	-18.7	16	-655.3	-18.7	16
-635.3	-18.7	16	-615.3	-18.7	16	-595.3	-18.7	16	-575.3	-18.7	16	-935.3	18.7	16
-915.3	18.7	16	-895.3	18.7	16	-875.3	18.7	16	-855.3	18.7	16	-835.3	18.7	16
-815.3	18.7	16	-795.3	18.7	16	-775.3	18.7	16	-755.3	18.7	16	-735.3	18.7	16
-715.3	18.7	16	-695.3	18.7	16	-675.3	18.7	16	-655.3	18.7	16	-635.3	18.7	16
-615.3	18.7	16	-595.3	18.7	16	-575.3	18.7	16						

Sezione a quota -6

Coordinate dei vertici

X	Y
-950.0	-25.0
-950.0	25.0
-555.0	25.0
-555.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-935.3	-18.7	16	-915.3	-18.7	16	-895.3	-18.7	16	-875.3	-18.7	16	-855.3	-18.7	16
-835.3	-18.7	16	-815.3	-18.7	16	-795.3	-18.7	16	-775.3	-18.7	16	-755.3	-18.7	16
-735.3	-18.7	16	-715.3	-18.7	16	-695.3	-18.7	16	-675.3	-18.7	16	-655.3	-18.7	16
-635.3	-18.7	16	-615.3	-18.7	16	-595.3	-18.7	16	-575.3	-18.7	16	-935.3	18.7	16
-915.3	18.7	16	-895.3	18.7	16	-875.3	18.7	16	-855.3	18.7	16	-835.3	18.7	16
-815.3	18.7	16	-795.3	18.7	16	-775.3	18.7	16	-755.3	18.7	16	-735.3	18.7	16
-715.3	18.7	16	-695.3	18.7	16	-675.3	18.7	16	-655.3	18.7	16	-635.3	18.7	16
-615.3	18.7	16	-595.3	18.7	16	-575.3	18.7	16						

Verifica eseguita con comportamento non dissipativo
Le condizioni sismiche sono state moltiplicate per i rispettivi fattori di struttura

fcd	fctd	Hcr	q.Hcr	hw	Lw	n.p.	hs
212	16	390	-5	390	395	2	198

Verifica a pressoflessione

quota	Mxd	Myd	Ned	Ngrav.	NReale	c.s.	comb
-274	122965	-3336183	-58344	-58344	-58344	49.0725	8 SLU
-274	-333868	-5721245	58867	-43752	58867	3.3575	1 SLV
-140	-51385	-5974504	-45677	-45677	-45677	36.3606	6 SLU
-140	-57087	-7545012	55448	-35255	55448	3.1109	1 SLV
-6	611726	-2845708	-24163	-24163	-24163	20.3309	6 SLU
-6	491291	-6852448	29568	-18384	29568	4.3907	3 SLV

Verifica compressione del diagonale

quota	epsilon	VEd	Vrcd	comb
-274	1.00	16291	847217	6 SLU
-274	1.00	61528	847355	7 SLV
-140	1.00	8826	845153	6 SLU
-140	1.00	53657	843601	7 SLV
-6	1.00	-44469	841062	7 SLU
-6	1.00	-74553	849285	14 SLV

Verifica trazione del diagonale

quota	alfaS	At	roh	rov	MEd	NEd	VEd	VRsd	comb
-274	0.00	76.4	0.0040	0.0039	-3414595	-55999	16291	248642	6 SLU
-274	0.00	76.4	0.0040	0.0039	-1073866	-56688	61528	248642	7 SLV
-140	0.00	76.4	0.0040	0.0039	-5974504	-45677	8826	248642	6 SLU
-140	0.00	76.4	0.0040	0.0039	-6328375	-37918	53657	248642	7 SLV
-6	0.00	76.4	0.0081	0.0039	-2662837	-25225	-44469	499244	7 SLU
-6	0.00	76.4	0.0081	0.0039	3562260	-66335	-74553	499244	14 SLV

Parete pozzetto lato ingresso

Parete fra le coordinate in pianta (750;580) (-750;580)
da quota -395 a quota -5
Valori in daN, cm
C35/45_1: rck 450
fyk 4500

Verifica di stato limite ultimo

nod	sez	B	H	Af+	Af-	c+	c-	c.s.	comb	N	M	Nu	Mu
1133	o	75	50	30.0	30.0	8.8	8.8	1.027	8 SLV	-129761	-6348778	-133277	-6520793
	v	50	50	10.3	10.3	8.0	8.0	15.286	8 SLV	-1371	132492	-20962	2025305
1139	o	100	50	25.8	25.8	8.4	8.4	1.027	8 SLV	-12879	-4099905	-13232	-4212081
	v	50	50	10.3	10.3	8.0	8.0	4.934	3 SLV	7732	-175779	38149	-867287
1161	o	100	50	25.8	25.8	8.4	8.4	1.016	11 SLV	-5489	-4006440	-5579	-4072085
	v	50	50	10.3	10.3	8.0	8.0	5.363	16 SLV	7571	-152304	40605	-816816
1173	o	75	50	33.2	33.2	8.9	8.9	1.042	11 SLV	-128864	-6627975	-134316	-6908395
	v	50	50	10.3	10.3	8.0	8.0	5.263	6 SLV	-165	-312794	-870	-1646238

Combinazione rara

nod	sez	B	H	Af+	Af-	c+	c-	sc	c	N	M	sf	c	N	M	Wk(mm)	Wlim	st	Sm(mm)	c
1133	o	75	50	30.0	30.0	8.8	8.8	-128.4	1 ra	-7.60E04	-3.28E06	2134.3	1 ra	-7.60E04	-3.28E06	0.14999.00	0.0	200.2	1 ra	
	v	50	50	10.3	10.3	8.0	8.0	-5.7	1 ra	-2.74E03	-7.82E04	132.3	1 ra	-8.35E02	6.58E04	0.00999.00	2.6	0.0	1 ra	
1139	o	100	50	25.8	25.8	8.4	8.4	-66.0	1 ra	-1.62E03	-1.97E06	2202.0	1 ra	-1.62E03	-1.97E06	0.16999.00	0.0	252.1	1 ra	
	v	50	50	10.3	10.3	8.0	8.0	-8.0	1 ra	3.67E03	-1.25E05	555.1	1 ra	4.34E03	-1.28E05	0.00999.00	7.4	0.0	1 ra	
1161	o	100	50	25.8	25.8	8.4	8.4	-62.7	1 ra	1.99E03	-1.88E06	2174.9	1 ra	1.99E03	-1.88E06	0.13999.00	0.0	181.8	1 ra	
	v	50	50	10.3	10.3	8.0	8.0	-6.6	1 ra	4.78E03	-1.15E05	545.2	1 ra	4.78E03	-1.15E05	0.00999.00	7.0	0.0	1 ra	
1173	o	75	50	33.2	33.2	8.9	8.9	-126.0	1 ra	-7.32E04	-3.35E06	2076.4	1 ra	-7.32E04	-3.35E06	0.09999.00	0.0	140.1	1 ra	
	v	50	50	10.3	10.3	8.0	8.0	-4.8	1 ra	-7.33E02	6.51E04	135.3	1 ra	-7.33E02	6.51E04	0.00999.00	2.6	0.0	1 ra	

Combinazione frequente

nod	sez	B	H	Af+	Af-	c+	c-	sc	c	N	M	sf	c	N	M	Wk(mm)	Wklim	st	Sm(mm)	c
1133	o	75	50	30.0	30.0	8.8	8.8	-128.4	1 fr	-7.60E04	-3.28E06	2134.3	1 fr	-7.60E04	-3.28E06	0.14	0.20	0.0	200.2	1 fr
	v	50	50	10.3	10.3	8.0	8.0	-5.7	1 fr	-2.74E03	-7.82E04	132.3	1 fr	-8.35E02	6.58E04	0.00	0.20	2.6	0.0	1 fr
1139	o	100	50	25.8	25.8	8.4	8.4	-66.0	1 fr	-1.62E03	-1.97E06	2202.0	1 fr	-1.62E03	-1.97E06	0.16	0.20	0.0	252.1	1 fr
	v	50	50	10.3	10.3	8.0	8.0	-8.0	1 fr	3.67E03	-1.25E05	555.1	1 fr	4.34E03	-1.28E05	0.00	0.20	7.4	0.0	1 fr
1161	o	100	50	25.8	25.8	8.4	8.4	-62.7	1 fr	1.99E03	-1.88E06	2174.9	1 fr	1.99E03	-1.88E06	0.13	0.20	0.0	181.8	1 fr
	v	50	50	10.3	10.3	8.0	8.0	-6.6	1 fr	4.78E03	-1.15E05	545.2	1 fr	4.78E03	-1.15E05	0.00	0.20	7.0	0.0	1 fr
1173	o	75	50	33.2	33.2	8.9	8.9	-126.0	1 fr	-7.32E04	-3.35E06	2076.4	1 fr	-7.32E04	-3.35E06	0.09	0.20	0.0	140.1	1 fr
	v	50	50	10.3	10.3	8.0	8.0	-4.8	1 fr	-7.33E02	6.51E04	135.3	1 fr	-7.33E02	6.51E04	0.00	0.20	2.6	0.0	1 fr

Combinazione quasi permanente

nod	sez	B	H	Af+	Af-	c+	c-	sc	c	N	M	sf	c	N	M	Wk(mm)	Wklim	st	Sm(mm)	c
1133	o	75	50	30.0	30.0	8.8	8.8	-118.1	4 q.	-7.09E04	-3.02E06	1947.5	4 q.	-7.09E04	-3.02E06	0.12	0.20	0.0	199.9	4 q.
	v	50	50	10.3	10.3	8.0	8.0	-5.3	4 q.	-2.59E03	-7.28E04	116.1	4 q.	-7.61E02	5.82E04	0.00	0.20	2.3	0.0	1 q.
1139	o	100	50	25.8	25.8	8.4	8.4	-61.1	4 q.	-1.86E03	-1.82E06	2034.1	3 q.	-1.13E03	-1.81E06	0.14	0.20	0.0	252.2	3 q.
	v	50	50	10.3	10.3	8.0	8.0	-7.4	4 q.	3.28E03	-1.15E05	507.3	3 q.	3.96E03	-1.17E05	0.00	0.20	6.8	0.0	1 q.

1161	o	100	50	25.8	25.8	8.4	8.4	-58.0	4 q.	1.37E03	-1.73E06	1998.9	4 q.	1.37E03	-1.73E06	0.12	0.20	0.0	181.7 4 q.
	v	50	50	10.3	10.3	8.0	8.0	-6.1	4 q.	4.30E03	-1.06E05	495.5	4 q.	4.30E03	-1.06E05	0.00	0.20	6.4	0.0 1 q.
1173	o	75	50	33.2	33.2	8.9	8.9	-115.1	4 q.	-6.82E04	-3.06E06	1877.8	4 q.	-6.82E04	-3.06E06	0.08	0.20	0.0	139.9 4 q.
	v	50	50	10.3	10.3	8.0	8.0	-4.7	2 q.	-2.85E03	-6.59E04	117.7	4 q.	-6.04E02	5.61E04	0.00	0.20	2.3	0.0 1 q.

Verifica dei pannelli

Pannello : Pannello da Filo 112 a Filo 19

Sezione a quota -274
Coordinate dei vertici

X	Y
-750.0	25.0
750.0	25.0
750.0	-25.0
750.0	-67.3
700.0	-67.3
700.0	-25.0
-700.0	-25.0
-700.0	-67.3
-750.0	-67.3
-750.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-737.3	-18.7	16	-717.3	-18.7	16	-697.3	-18.7	16	-677.3	-18.7	16	-657.3	-18.7	16
-637.3	-18.7	16	-617.3	-18.7	16	-597.3	-18.7	16	-577.3	-18.7	16	-557.3	-18.7	16
-537.3	-18.7	16	-517.3	-18.7	16	-497.3	-18.7	16	-477.3	-18.7	16	-457.3	-18.7	16
-437.3	-18.7	16	-417.3	-18.7	16	-397.3	-18.7	16	-377.3	-18.7	16	-357.3	-18.7	16
-337.3	-18.7	16	-317.3	-18.7	16	-297.3	-18.7	16	-277.3	-18.7	16	-257.3	-18.7	16
-237.3	-18.7	16	-217.3	-18.7	16	-197.3	-18.7	16	-177.3	-18.7	16	-157.3	-18.7	16
-137.3	-18.7	16	-117.3	-18.7	16	-97.3	-18.7	16	-77.3	-18.7	16	-57.3	-18.7	16
-37.3	-18.7	16	-17.3	-18.7	16	2.8	-18.7	16	22.8	-18.7	16	42.8	-18.7	16
62.8	-18.7	16	82.8	-18.7	16	102.8	-18.7	16	122.8	-18.7	16	142.8	-18.7	16
162.8	-18.7	16	182.8	-18.7	16	202.8	-18.7	16	222.8	-18.7	16	242.8	-18.7	16
262.8	-18.7	16	282.8	-18.7	16	302.8	-18.7	16	322.8	-18.7	16	342.8	-18.7	16
362.8	-18.7	16	382.8	-18.7	16	402.8	-18.7	16	422.8	-18.7	16	442.8	-18.7	16
462.8	-18.7	16	482.8	-18.7	16	502.8	-18.7	16	522.8	-18.7	16	542.8	-18.7	16
562.8	-18.7	16	582.8	-18.7	16	602.8	-18.7	16	622.8	-18.7	16	642.8	-18.7	16
662.8	-18.7	16	682.8	-18.7	16	702.8	-18.7	16	722.8	-18.7	16	742.8	-18.7	16
-737.3	18.7	16	-717.3	18.7	16	-697.3	18.7	16	-677.3	18.7	16	-657.3	18.7	16
-637.3	18.7	16	-617.3	18.7	16	-597.3	18.7	16	-577.3	18.7	16	-557.3	18.7	16
-537.3	18.7	16	-517.3	18.7	16	-497.3	18.7	16	-477.3	18.7	16	-457.3	18.7	16
-437.3	18.7	16	-417.3	18.7	16	-397.3	18.7	16	-377.3	18.7	16	-357.3	18.7	16
-337.3	18.7	16	-317.3	18.7	16	-297.3	18.7	16	-277.3	18.7	16	-257.3	18.7	16
-237.3	18.7	16	-217.3	18.7	16	-197.3	18.7	16	-177.3	18.7	16	-157.3	18.7	16
-137.3	18.7	16	-117.3	18.7	16	-97.3	18.7	16	-77.3	18.7	16	-57.3	18.7	16
-37.3	18.7	16	-17.3	18.7	16	2.8	18.7	16	22.8	18.7	16	42.8	18.7	16
62.8	18.7	16	82.8	18.7	16	102.8	18.7	16	122.8	18.7	16	142.8	18.7	16
162.8	18.7	16	182.8	18.7	16	202.8	18.7	16	222.8	18.7	16	242.8	18.7	16
262.8	18.7	16	282.8	18.7	16	302.8	18.7	16	322.8	18.7	16	342.8	18.7	16
362.8	18.7	16	382.8	18.7	16	402.8	18.7	16	422.8	18.7	16	442.8	18.7	16
462.8	18.7	16	482.8	18.7	16	502.8	18.7	16	522.8	18.7	16	542.8	18.7	16
562.8	18.7	16	582.8	18.7	16	602.8	18.7	16	622.8	18.7	16	642.8	18.7	16
662.8	18.7	16	682.8	18.7	16	702.8	18.7	16	722.8	18.7	16	742.8	18.7	16

Sezione a quota -140
Coordinate dei vertici

X	Y
-750.0	-25.0
-750.0	25.0
750.0	25.0
750.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-737.3	-18.7	16	-717.3	-18.7	16	-697.3	-18.7	16	-677.3	-18.7	16	-657.3	-18.7	16
-637.3	-18.7	16	-617.3	-18.7	16	-597.3	-18.7	16	-577.3	-18.7	16	-557.3	-18.7	16
-537.3	-18.7	16	-517.3	-18.7	16	-497.3	-18.7	16	-477.3	-18.7	16	-457.3	-18.7	16
-437.3	-18.7	16	-417.3	-18.7	16	-397.3	-18.7	16	-377.3	-18.7	16	-357.3	-18.7	16
-337.3	-18.7	16	-317.3	-18.7	16	-297.3	-18.7	16	-277.3	-18.7	16	-257.3	-18.7	16
-237.3	-18.7	16	-217.3	-18.7	16	-197.3	-18.7	16	-177.3	-18.7	16	-157.3	-18.7	16
-137.3	-18.7	16	-117.3	-18.7	16	-97.3	-18.7	16	-77.3	-18.7	16	-57.3	-18.7	16
-37.3	-18.7	16	-17.3	-18.7	16	2.8	-18.7	16	22.8	-18.7	16	42.8	-18.7	16
62.8	-18.7	16	82.8	-18.7	16	102.8	-18.7	16	122.8	-18.7	16	142.8	-18.7	16
162.8	-18.7	16	182.8	-18.7	16	202.8	-18.7	16	222.8	-18.7	16	242.8	-18.7	16
262.8	-18.7	16	282.8	-18.7	16	302.8	-18.7	16	322.8	-18.7	16	342.8	-18.7	16
362.8	-18.7	16	382.8	-18.7	16	402.8	-18.7	16	422.8	-18.7	16	442.8	-18.7	16
462.8	-18.7	16	482.8	-18.7	16	502.8	-18.7	16	522.8	-18.7	16	542.8	-18.7	16
562.8	-18.7	16	582.8	-18.7	16	602.8	-18.7	16	622.8	-18.7	16	642.8	-18.7	16
662.8	-18.7	16	682.8	-18.7	16	702.8	-18.7	16	722.8	-18.7	16	742.8	-18.7	16
-737.3	18.7	16	-717.3	18.7	16	-697.3	18.7	16	-677.3	18.7	16	-657.3	18.7	16
-637.3	18.7	16	-617.3	18.7	16	-597.3	18.7	16	-577.3	18.7	16	-557.3	18.7	16
-537.3	18.7	16	-517.3	18.7	16	-497.3	18.7	16	-477.3	18.7	16	-457.3	18.7	16
-437.3	18.7	16	-417.3	18.7	16	-397.3	18.7	16	-377.3	18.7	16	-357.3	18.7	16
-337.3	18.7	16	-317.3	18.7	16	-297.3	18.7	16	-277.3	18.7	16	-257.3	18.7	16
-237.3	18.7	16	-217.3	18.7	16	-197.3	18.7	16	-177.3	18.7	16	-157.3	18.7	16
-137.3	18.7	16	-117.3	18.7	16	-97.3	18.7	16	-77.3	18.7	16	-57.3	18.7	16
-37.3	18.7	16	-17.3	18.7	16	2.8	18.7	16	22.8	18.7	16	42.8	18.7	16
62.8	18.7	16	82.8	18.7	16	102.8	18.7	16	122.8	18.7	16	142.8	18.7	16
162.8	18.7	16	182.8	18.7	16	202.8	18.7	16	222.8	18.7	16	242.8	18.7	16
262.8	18.7	16	282.8	18.7	16	302.8	18.7	16	322.8	18.7	16	342.8	18.7	16
362.8	18.7	16	382.8	18.7	16	402.8	18.7	16	422.8	18.7	16	442.8	18.7	16
462.8	18.7	16	482.8	18.7	16	502.8	18.7	16	522.8	18.7	16	542.8	18.7	16

562.8	18.7	16	582.8	18.7	16	602.8	18.7	16	622.8	18.7	16	642.8	18.7	16
662.8	18.7	16	682.8	18.7	16	702.8	18.7	16	722.8	18.7	16	742.8	18.7	16
-554.3	-15.3	20	-554.3	15.3	20	-677.8	-15.3	20	-677.8	15.3	20	-659.3	-15.3	20
-659.3	15.3	20	661.0	-15.3	20	661.0	15.3	20	638.7	-15.3	20	638.7	15.3	20
-466.1	-15.3	20	-466.1	15.3	20									

Sezione a quota -6
Coordinate dei vertici

X	Y
-750.0	-25.0
-750.0	25.0
750.0	25.0
750.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-737.3	-18.7	16	-717.3	-18.7	16	-697.3	-18.7	16	-677.3	-18.7	16	-657.3	-18.7	16
-637.3	-18.7	16	-617.3	-18.7	16	-597.3	-18.7	16	-577.3	-18.7	16	-557.3	-18.7	16
-537.3	-18.7	16	-517.3	-18.7	16	-497.3	-18.7	16	-477.3	-18.7	16	-457.3	-18.7	16
-437.3	-18.7	16	-417.3	-18.7	16	-397.3	-18.7	16	-377.3	-18.7	16	-357.3	-18.7	16
-337.3	-18.7	16	-317.3	-18.7	16	-297.3	-18.7	16	-277.3	-18.7	16	-257.3	-18.7	16
-237.3	-18.7	16	-217.3	-18.7	16	-197.3	-18.7	16	-177.3	-18.7	16	-157.3	-18.7	16
-137.3	-18.7	16	-117.3	-18.7	16	-97.3	-18.7	16	-77.3	-18.7	16	-57.3	-18.7	16
-37.3	-18.7	16	-17.3	-18.7	16	2.8	-18.7	16	22.8	-18.7	16	42.8	-18.7	16
62.8	-18.7	16	82.8	-18.7	16	102.8	-18.7	16	122.8	-18.7	16	142.8	-18.7	16
162.8	-18.7	16	182.8	-18.7	16	202.8	-18.7	16	222.8	-18.7	16	242.8	-18.7	16
262.8	-18.7	16	282.8	-18.7	16	302.8	-18.7	16	322.8	-18.7	16	342.8	-18.7	16
362.8	-18.7	16	382.8	-18.7	16	402.8	-18.7	16	422.8	-18.7	16	442.8	-18.7	16
462.8	-18.7	16	482.8	-18.7	16	502.8	-18.7	16	522.8	-18.7	16	542.8	-18.7	16
562.8	-18.7	16	582.8	-18.7	16	602.8	-18.7	16	622.8	-18.7	16	642.8	-18.7	16
662.8	-18.7	16	682.8	-18.7	16	702.8	-18.7	16	722.8	-18.7	16	742.8	-18.7	16
-737.3	18.7	16	-717.3	18.7	16	-697.3	18.7	16	-677.3	18.7	16	-657.3	18.7	16
-637.3	18.7	16	-617.3	18.7	16	-597.3	18.7	16	-577.3	18.7	16	-557.3	18.7	16
-537.3	18.7	16	-517.3	18.7	16	-497.3	18.7	16	-477.3	18.7	16	-457.3	18.7	16
-437.3	18.7	16	-417.3	18.7	16	-397.3	18.7	16	-377.3	18.7	16	-357.3	18.7	16
-337.3	18.7	16	-317.3	18.7	16	-297.3	18.7	16	-277.3	18.7	16	-257.3	18.7	16
-237.3	18.7	16	-217.3	18.7	16	-197.3	18.7	16	-177.3	18.7	16	-157.3	18.7	16
-137.3	18.7	16	-117.3	18.7	16	-97.3	18.7	16	-77.3	18.7	16	-57.3	18.7	16
-37.3	18.7	16	-17.3	18.7	16	2.8	18.7	16	22.8	18.7	16	42.8	18.7	16
62.8	18.7	16	82.8	18.7	16	102.8	18.7	16	122.8	18.7	16	142.8	18.7	16
162.8	18.7	16	182.8	18.7	16	202.8	18.7	16	222.8	18.7	16	242.8	18.7	16
262.8	18.7	16	282.8	18.7	16	302.8	18.7	16	322.8	18.7	16	342.8	18.7	16
362.8	18.7	16	382.8	18.7	16	402.8	18.7	16	422.8	18.7	16	442.8	18.7	16
462.8	18.7	16	482.8	18.7	16	502.8	18.7	16	522.8	18.7	16	542.8	18.7	16
562.8	18.7	16	582.8	18.7	16	602.8	18.7	16	622.8	18.7	16	642.8	18.7	16
662.8	18.7	16	682.8	18.7	16	702.8	18.7	16	722.8	18.7	16	742.8	18.7	16
-572.4	-15.3	20	-572.4	15.3	20	542.2	-15.3	20	542.2	15.3	20			

Verifica eseguita come parete di fondazione comportamento non dissipativo
Le verifiche SLV sono state condotte con sollecitazioni derivate dalla famiglia di combinazioni 'SLV fondazioni'

fcd	fctd	Hcr	q.Hcr	hw	Lw	n.p.	hs
212	16	390	-5	390	1500	2	198

Verifica a pressoflessione

quota	Mxd	Myd	Ned	Ngrav.	NReale	c.s.	comb
-274	-14586570	-988350	-318030	-318030	-318030	5.3691	6 SLU
-274	-21232910	-26016980	-422556	-228466	-422556	3.3135	7 SLVFond
-140	13158560	-3404976	-277032	-277032	-277032	3.5360	6 SLU
-140	15934860	-21708500	-421998	-198573	-421998	3.3473	7 SLVFond
-6	42476090	-4210494	-248162	-248162	-248162	1.8038	8 SLU
-6	62333140	5105435	-445466	-177131	-445466	1.2548	11 SLVFond

Verifica compressione del diagonale

quota	epsilon	VEd	Vrcd	comb
-274	1.00	20227	3238350	8 SLU
-274	1.00	178034	3233534	16 SLVFond
-140	1.00	20232	3230147	8 SLU
-140	1.00	179841	3202752	14 SLVFond
-6	1.00	20871	3224383	8 SLU
-6	1.00	182836	3196285	14 SLVFond

Verifica trazione del diagonale

quota	alfaS	At	roh	rov	MEd	NEd	VEd	VRsd	comb
-274	0.00	301.6	0.0040	0.0040	915373	-317998	20227	944211	8 SLU
-274	0.00	301.6	0.0040	0.0040	71338660	-293918	178034	944211	16 SLVFond
-140	0.00	314.9	0.0040	0.0042	-1947131	-276986	20232	944211	8 SLU
-140	0.00	314.9	0.0040	0.0042	49973680	-275752	181240	944211	16 SLVFond
-6	0.00	314.2	0.0082	0.0042	-4210494	-248162	20871	1935633	8 SLU
-6	0.00	314.2	0.0082	0.0042	36368690	-266907	183709	1935633	16 SLVFond

Parete pozzetto lato vasche

Parete fra le coordinate in pianta (750;925) (-750;925)
da quota -395 a quota -5
Valori in daN, cm
C35/45_1: rck 450
fyk 4500

Verifica di stato limite ultimo

nod	sez	B	H	Af+	Af-	c+	c-	c.s.	comb	N	M	Nu	Mu
334	o	75	50	8.0	8.0	6.3	6.3	1.095	1 SLV	46121	-222958	50488	-244071

	v	100	50	10.1	10.1	7.9	7.9	18.494	5	SLV	2068	46845	38248	866336	
1243	o	75	50	14.3	14.3	7.8	7.8	1.218	14	SLV	73552	-368415	89567	-448632	
	v	50	50	10.3	10.3	8.0	8.0	8.928	14	SLV	3773	107348	33690	958456	

Combinazione rara

nod	sez	B	H	Af+	Af-	c+	c-	sc	c	N	M	sf	c	N	M	Wk(mm)	Wlim	st	Sm(mm)	c
334	o	75	50	8.0	8.0	6.3	6.3	-1.6	1 ra	-4.23E03	-1.77E04	-10.1	1 ra	-4.23E03	-1.77E04	0.00999.00	0.0	0.0	1 ra	
	v	100	50	10.1	10.1	7.9	7.9	-0.9	1 ra	-2.85E02	1.85E04	33.5	1 ra	-2.85E02	1.85E04	0.00999.00	0.4	0.0	1 ra	
1243	o	75	50	14.3	14.3	7.8	7.8	-31.7	1 ra	1.13E03	-6.40E05	1280.1	1 ra	1.13E03	-6.40E05	0.00999.00	19.5	0.0	1 ra	
	v	50	50	10.3	10.3	8.0	8.0	-3.0	1 ra	3.40E00	-4.14E04	108.5	1 ra	3.40E00	-4.14E04	0.00999.00	1.9	0.0	1 ra	

Combinazione frequente

nod	sez	B	H	Af+	Af-	c+	c-	sc	c	N	M	sf	c	N	M	Wk(mm)	Wklim	st	Sm(mm)	c
334	o	75	50	8.0	8.0	6.3	6.3	-1.6	1 fr	-4.23E03	-1.77E04	-10.1	1 fr	-4.23E03	-1.77E04	0.00	0.20	0.0	0.0	1 fr
	v	100	50	10.1	10.1	7.9	7.9	-0.9	1 fr	-2.85E02	1.85E04	33.5	1 fr	-2.85E02	1.85E04	0.00	0.20	0.4	0.0	1 fr
1243	o	75	50	14.3	14.3	7.8	7.8	-31.7	1 fr	1.13E03	-6.40E05	1280.1	1 fr	1.13E03	-6.40E05	0.00	0.20	19.5	0.0	1 fr
	v	50	50	10.3	10.3	8.0	8.0	-3.0	1 fr	3.40E00	-4.14E04	108.5	1 fr	3.40E00	-4.14E04	0.00	0.20	1.9	0.0	1 fr

Combinazione quasi permanente

nod	sez	B	H	Af+	Af-	c+	c-	sc	c	N	M	sf	c	N	M	Wk(mm)	Wklim	st	Sm(mm)	c
334	o	75	50	8.0	8.0	6.3	6.3	-1.6	3 q.	-4.66E03	-1.60E04	-16.0	2 q.	-4.88E03	-7.09E03	0.00	0.20	0.0	0.0	1 q.
	v	100	50	10.1	10.1	7.9	7.9	-0.9	4 q.	-4.21E02	1.93E04	31.1	3 q.	-3.41E02	1.87E04	0.00	0.20	0.4	0.0	1 q.
1243	o	75	50	14.3	14.3	7.8	7.8	-29.5	4 q.	-1.07E03	-5.92E05	1109.2	4 q.	-1.07E03	-5.92E05	0.00	0.20	17.5	0.0	1 q.
	v	50	50	10.3	10.3	8.0	8.0	-3.1	2 q.	-5.57E01	-4.17E04	106.5	2 q.	-5.57E01	-4.17E04	0.00	0.20	1.9	0.0	1 q.

Verifica dei pannelli

Pannello : Pannello da Filo 112 a Filo 19

Sezione a quota -274

Coordinate dei vertici

X	Y
-750.0	25.0
-750.0	67.3
-700.0	67.3
-700.0	25.0
700.0	25.0
700.0	67.3
750.0	67.3
750.0	25.0
750.0	-25.0
-750.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-742.8	-18.7	16	-722.8	-18.7	16	-702.8	-18.7	16	-682.8	-18.7	16	-662.8	-18.7	16
-642.8	-18.7	16	-622.8	-18.7	16	-602.8	-18.7	16	-582.8	-18.7	16	-562.8	-18.7	16
-542.8	-18.7	16	-522.8	-18.7	16	-502.8	-18.7	16	-482.8	-18.7	16	-462.8	-18.7	16
-442.8	-18.7	16	-422.8	-18.7	16	-402.8	-18.7	16	-382.8	-18.7	16	-362.8	-18.7	16
-342.8	-18.7	16	-322.8	-18.7	16	-302.8	-18.7	16	-282.8	-18.7	16	-262.8	-18.7	16
-242.8	-18.7	16	-222.8	-18.7	16	-202.8	-18.7	16	-182.8	-18.7	16	-162.8	-18.7	16
-142.8	-18.7	16	-122.8	-18.7	16	-102.8	-18.7	16	-82.8	-18.7	16	-62.8	-18.7	16
-42.8	-18.7	16	-22.8	-18.7	16	-2.8	-18.7	16	17.3	-18.7	16	37.3	-18.7	16
57.3	-18.7	16	77.3	-18.7	16	97.3	-18.7	16	117.3	-18.7	16	137.3	-18.7	16
157.3	-18.7	16	177.3	-18.7	16	197.3	-18.7	16	217.3	-18.7	16	237.3	-18.7	16
257.3	-18.7	16	277.3	-18.7	16	297.3	-18.7	16	317.3	-18.7	16	337.3	-18.7	16
357.3	-18.7	16	377.3	-18.7	16	397.3	-18.7	16	417.3	-18.7	16	437.3	-18.7	16
457.3	-18.7	16	477.3	-18.7	16	497.3	-18.7	16	517.3	-18.7	16	537.3	-18.7	16
557.3	-18.7	16	577.3	-18.7	16	597.3	-18.7	16	617.3	-18.7	16	637.3	-18.7	16
657.3	-18.7	16	677.3	-18.7	16	697.3	-18.7	16	717.3	-18.7	16	737.3	-18.7	16
-742.8	18.7	16	-722.8	18.7	16	-702.8	18.7	16	-682.8	18.7	16	-662.8	18.7	16
-642.8	18.7	16	-622.8	18.7	16	-602.8	18.7	16	-582.8	18.7	16	-562.8	18.7	16
-542.8	18.7	16	-522.8	18.7	16	-502.8	18.7	16	-482.8	18.7	16	-462.8	18.7	16
-442.8	18.7	16	-422.8	18.7	16	-402.8	18.7	16	-382.8	18.7	16	-362.8	18.7	16
-342.8	18.7	16	-322.8	18.7	16	-302.8	18.7	16	-282.8	18.7	16	-262.8	18.7	16
-242.8	18.7	16	-222.8	18.7	16	-202.8	18.7	16	-182.8	18.7	16	-162.8	18.7	16
-142.8	18.7	16	-122.8	18.7	16	-102.8	18.7	16	-82.8	18.7	16	-62.8	18.7	16
-42.8	18.7	16	-22.8	18.7	16	-2.8	18.7	16	17.3	18.7	16	37.3	18.7	16
57.3	18.7	16	77.3	18.7	16	97.3	18.7	16	117.3	18.7	16	137.3	18.7	16
157.3	18.7	16	177.3	18.7	16	197.3	18.7	16	217.3	18.7	16	237.3	18.7	16
257.3	18.7	16	277.3	18.7	16	297.3	18.7	16	317.3	18.7	16	337.3	18.7	16
357.3	18.7	16	377.3	18.7	16	397.3	18.7	16	417.3	18.7	16	437.3	18.7	16
457.3	18.7	16	477.3	18.7	16	497.3	18.7	16	517.3	18.7	16	537.3	18.7	16
557.3	18.7	16	577.3	18.7	16	597.3	18.7	16	617.3	18.7	16	637.3	18.7	16
657.3	18.7	16	677.3	18.7	16	697.3	18.7	16	717.3	18.7	16	737.3	18.7	16

Sezione a quota -140

Coordinate dei vertici

X	Y
-750.0	-25.0
-750.0	25.0
750.0	25.0
750.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-742.8	-18.7	16	-722.8	-18.7	16	-702.8	-18.7	16	-682.8	-18.7	16	-662.8	-18.7	16
-642.8	-18.7	16	-622.8	-18.7	16	-602.8	-18.7	16	-582.8	-18.7	16	-562.8	-18.7	16
-542.8	-18.7	16	-522.8	-18.7	16	-502.8	-18.7	16	-482.8	-18.7	16	-462.8	-18.7	16
-442.8	-18.7	16	-422.8	-18.7	16	-402.8	-18.7	16	-382.8	-18.7	16	-362.8	-18.7	16
-342.8	-18.7	16	-322.8	-18.7	16	-302.8	-18.7	16	-282.8	-18.7	16	-262.8	-18.7	16
-242.8	-18.7	16	-222.8	-18.7	16	-202.8	-18.7	16	-182.8	-18.7	16	-162.8	-18.7	16
-142.8	-18.7	16	-122.8	-18.7	16	-102.8	-18.7	16	-82.8	-18.7	16	-62.8	-18.7	16
-42.8	-18.7	16	-22.8	-18.7	16	-2.8	-18.7	16	17.3	-18.7	16	37.3	-18.7	16

57.3	-18.7	16	77.3	-18.7	16	97.3	-18.7	16	117.3	-18.7	16	137.3	-18.7	16
157.3	-18.7	16	177.3	-18.7	16	197.3	-18.7	16	217.3	-18.7	16	237.3	-18.7	16
257.3	-18.7	16	277.3	-18.7	16	297.3	-18.7	16	317.3	-18.7	16	337.3	-18.7	16
357.3	-18.7	16	377.3	-18.7	16	397.3	-18.7	16	417.3	-18.7	16	437.3	-18.7	16
457.3	-18.7	16	477.3	-18.7	16	497.3	-18.7	16	517.3	-18.7	16	537.3	-18.7	16
557.3	-18.7	16	577.3	-18.7	16	597.3	-18.7	16	617.3	-18.7	16	637.3	-18.7	16
657.3	-18.7	16	677.3	-18.7	16	697.3	-18.7	16	717.3	-18.7	16	737.3	-18.7	16
-742.8	18.7	16	-722.8	18.7	16	-702.8	18.7	16	-682.8	18.7	16	-662.8	18.7	16
-642.8	18.7	16	-622.8	18.7	16	-602.8	18.7	16	-582.8	18.7	16	-562.8	18.7	16
-542.8	18.7	16	-522.8	18.7	16	-502.8	18.7	16	-482.8	18.7	16	-462.8	18.7	16
-442.8	18.7	16	-422.8	18.7	16	-402.8	18.7	16	-382.8	18.7	16	-362.8	18.7	16
-342.8	18.7	16	-322.8	18.7	16	-302.8	18.7	16	-282.8	18.7	16	-262.8	18.7	16
-242.8	18.7	16	-222.8	18.7	16	-202.8	18.7	16	-182.8	18.7	16	-162.8	18.7	16
-142.8	18.7	16	-122.8	18.7	16	-102.8	18.7	16	-82.8	18.7	16	-62.8	18.7	16
-42.8	18.7	16	-22.8	18.7	16	-2.8	18.7	16	17.3	18.7	16	37.3	18.7	16
57.3	18.7	16	77.3	18.7	16	97.3	18.7	16	117.3	18.7	16	137.3	18.7	16
157.3	18.7	16	177.3	18.7	16	197.3	18.7	16	217.3	18.7	16	237.3	18.7	16
257.3	18.7	16	277.3	18.7	16	297.3	18.7	16	317.3	18.7	16	337.3	18.7	16
357.3	18.7	16	377.3	18.7	16	397.3	18.7	16	417.3	18.7	16	437.3	18.7	16
457.3	18.7	16	477.3	18.7	16	497.3	18.7	16	517.3	18.7	16	537.3	18.7	16
557.3	18.7	16	577.3	18.7	16	597.3	18.7	16	617.3	18.7	16	637.3	18.7	16
657.3	18.7	16	677.3	18.7	16	697.3	18.7	16	717.3	18.7	16	737.3	18.7	16
-168.0	-15.3	20	-168.0	15.3	20	-20.8	-15.3	20	-20.8	15.3	20	130.2	-15.3	20
130.2	15.3	20	-56.6	-15.3	20	-56.6	15.3	20	-132.1	-15.3	20	-132.1	15.3	20
20.8	-15.3	20	20.8	15.3	20	-721.7	-15.3	20	-721.7	15.3	20	-624.5	-15.3	20
-624.5	15.3	20	-566.4	-15.3	20	-566.4	15.3	20	-500.5	-15.3	20	-500.5	15.3	20
742.9	-15.3	20	742.9	15.3	20	701.7	-15.3	20	701.7	15.3	20	662.6	-15.3	20
662.6	15.3	20	628.0	-15.3	20	628.0	15.3	20	568.7	-15.3	20	568.7	15.3	20
-254.7	-15.3	20	-254.7	15.3	20	-193.2	-15.3	20	-193.2	15.3	20	-117.3	-15.3	20
-117.3	15.3	20	100.0	-15.3	20	100.0	15.3	20	171.0	-15.3	20	171.0	15.3	20
212.3	-15.3	20	212.3	15.3	20	-712.5	-15.3	20	-712.5	15.3	20	82.9	-15.3	20
82.9	15.3	20	113.2	-15.3	20	113.2	15.3	20	67.9	-15.3	20	67.9	15.3	20

Sezione a quota -6

Coordinate dei vertici

X	Y
-750.0	-25.0
-750.0	25.0
750.0	25.0
750.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-742.8	-18.7	16	-722.8	-18.7	16	-702.8	-18.7	16	-682.8	-18.7	16	-662.8	-18.7	16
-642.8	-18.7	16	-622.8	-18.7	16	-602.8	-18.7	16	-582.8	-18.7	16	-562.8	-18.7	16
-542.8	-18.7	16	-522.8	-18.7	16	-502.8	-18.7	16	-482.8	-18.7	16	-462.8	-18.7	16
-442.8	-18.7	16	-422.8	-18.7	16	-402.8	-18.7	16	-382.8	-18.7	16	-362.8	-18.7	16
-342.8	-18.7	16	-322.8	-18.7	16	-302.8	-18.7	16	-282.8	-18.7	16	-262.8	-18.7	16
-242.8	-18.7	16	-222.8	-18.7	16	-202.8	-18.7	16	-182.8	-18.7	16	-162.8	-18.7	16
-142.8	-18.7	16	-122.8	-18.7	16	-102.8	-18.7	16	-82.8	-18.7	16	-62.8	-18.7	16
-42.8	-18.7	16	-22.8	-18.7	16	-2.8	-18.7	16	17.3	-18.7	16	37.3	-18.7	16
57.3	-18.7	16	77.3	-18.7	16	97.3	-18.7	16	117.3	-18.7	16	137.3	-18.7	16
157.3	-18.7	16	177.3	-18.7	16	197.3	-18.7	16	217.3	-18.7	16	237.3	-18.7	16
257.3	-18.7	16	277.3	-18.7	16	297.3	-18.7	16	317.3	-18.7	16	337.3	-18.7	16
357.3	-18.7	16	377.3	-18.7	16	397.3	-18.7	16	417.3	-18.7	16	437.3	-18.7	16
457.3	-18.7	16	477.3	-18.7	16	497.3	-18.7	16	517.3	-18.7	16	537.3	-18.7	16
557.3	-18.7	16	577.3	-18.7	16	597.3	-18.7	16	617.3	-18.7	16	637.3	-18.7	16
657.3	-18.7	16	677.3	-18.7	16	697.3	-18.7	16	717.3	-18.7	16	737.3	-18.7	16
-742.8	18.7	16	-722.8	18.7	16	-702.8	18.7	16	-682.8	18.7	16	-662.8	18.7	16
-642.8	18.7	16	-622.8	18.7	16	-602.8	18.7	16	-582.8	18.7	16	-562.8	18.7	16
-542.8	18.7	16	-522.8	18.7	16	-502.8	18.7	16	-482.8	18.7	16	-462.8	18.7	16
-442.8	18.7	16	-422.8	18.7	16	-402.8	18.7	16	-382.8	18.7	16	-362.8	18.7	16
-342.8	18.7	16	-322.8	18.7	16	-302.8	18.7	16	-282.8	18.7	16	-262.8	18.7	16
-242.8	18.7	16	-222.8	18.7	16	-202.8	18.7	16	-182.8	18.7	16	-162.8	18.7	16
-142.8	18.7	16	-122.8	18.7	16	-102.8	18.7	16	-82.8	18.7	16	-62.8	18.7	16
-42.8	18.7	16	-22.8	18.7	16	-2.8	18.7	16	17.3	18.7	16	37.3	18.7	16
57.3	18.7	16	77.3	18.7	16	97.3	18.7	16	117.3	18.7	16	137.3	18.7	16
157.3	18.7	16	177.3	18.7	16	197.3	18.7	16	217.3	18.7	16	237.3	18.7	16
257.3	18.7	16	277.3	18.7	16	297.3	18.7	16	317.3	18.7	16	337.3	18.7	16
357.3	18.7	16	377.3	18.7	16	397.3	18.7	16	417.3	18.7	16	437.3	18.7	16
457.3	18.7	16	477.3	18.7	16	497.3	18.7	16	517.3	18.7	16	537.3	18.7	16
557.3	18.7	16	577.3	18.7	16	597.3	18.7	16	617.3	18.7	16	637.3	18.7	16
657.3	18.7	16	677.3	18.7	16	697.3	18.7	16	717.3	18.7	16	737.3	18.7	16
-56.6	-15.3	20	-56.6	15.3	20	-132.1	-15.3	20	-132.1	15.3	20	20.8	-15.3	20
20.8	15.3	20	742.9	-15.3	20	742.9	15.3	20	-254.7	-15.3	20	-254.7	15.3	20
-193.2	-15.3	20	-193.2	15.3	20	-117.3	-15.3	20	-117.3	15.3	20	100.0	-15.3	20
100.0	15.3	20	171.0	-15.3	20	171.0	15.3	20	212.3	-15.3	20	212.3	15.3	20

Verifica eseguita come parete di fondazione comportamento non dissipativo

Le verifiche SLV sono state condotte con sollecitazioni derivate dalla famiglia di combinazioni 'SLV fondazioni'

fcd	fctd	Hcr	q.Hcr	hw	Lw	n.p.	hs
212	16	390	-5	390	1500	2	198

Verifica a pressoflessione

quota	Mxd	Myd	Ned	Ngrav.	NReale	c.s.	comb
-274	5491793	6188884	-276508	-276508	-276508	21.6993	7 SLU
-274	4699460	-23862080	72299	-206345	72299	6.4261	5 SLVFond
-140	143081	9696548	-239759	-239759	-239759	59.7305	8 SLU
-140	1846008	-25277580	103272	-178428	103272	7.4888	6 SLVFond
-6	6168440	13303330	-202890	-202890	-202890	13.2673	7 SLU
-6	5902151	38643940	125835	-160275	125835	4.1176	10 SLVFond

Verifica compressione del diagonale

quota	epsilon	VEd	Vrcd	comb
-274	1.00	-13613	3231375	6 SLU
-274	1.00	-65950	3228626	3 SLVFond
-140	1.00	-13432	3222647	6 SLU
-140	1.00	-63953	3223054	3 SLVFond
-6	1.00	-13238	3216493	6 SLU
-6	1.00	-67239	3220108	3 SLVFond

Verifica trazione del diagonale

quota	alfaS	At	roh	rov	MEd	NEd	VEd	VRsd	comb
-274	0.00	301.6	0.0040	0.0040	4010822	-283125	-13613	944211	6 SLU
-274	0.00	301.6	0.0040	0.0040	-88492800	-269379	-65950	944211	3 SLVFond
-140	0.00	414.5	0.0040	0.0055	7395991	-239486	-13432	944211	6 SLU
-140	0.00	414.5	0.0040	0.0055	-85957940	-241521	-63953	944211	3 SLVFond
-6	0.00	364.4	0.0082	0.0049	10682260	-208713	-13238	1935633	6 SLU
-6	0.00	364.4	0.0082	0.0049	-109016100	-226791	-67239	1935633	3 SLVFond

Parete pozzetto Ovest

Parete fra le coordinate in pianta (-725;555) (-725;950)
da quota -395 a quota -5
Valori in daN, cm
C35/45_1: rck 450
fyk 4500

Verifica di stato limite ultimo

nod	sez	B	H	Af+	Af-	c+	c-	c.s.	comb	N	M	Nu	Mu
677	o	75	50	6.0	6.0	6.3	6.3	5.553	8 SLV	-122834	-287758	-682156	-1598056
	v	100	50	12.1	12.1	7.9	7.9	3.316	13 SLV	17898	222577	59346	738006
679	o	100	50	10.1	10.1	6.3	6.3	1.136	8 SLV	60417	-166041	68630	-188613
	v	100	50	12.1	12.1	7.9	7.9	3.182	9 SLV	23705	122946	75440	391264
1243	o	75	50	7.4	7.4	6.3	6.3	1.045	14 SLV	50779	-91353	53042	-95424
	v	50	50	6.0	6.0	7.9	7.9	11.047	14 SLV	-2058	-131868	-22729	-1456716

Combinazione rara

nod	sez	B	H	Af+	Af-	c+	c-	sc	c	N	M	sf	c	N	M	Wk(mm)	Wlim	st	Sm(mm)	c
677	o	75	50	6.0	6.0	6.3	6.3	-23.1	1 ra	-6.99E04	-1.80E05	-206.9	1 ra	-6.99E04	-1.80E05	0.00	999.00	0.0	0.0	1 ra
	v	100	50	12.1	12.1	7.9	7.9	-16.6	1 ra	-2.43E04	4.27E05	119.3	1 ra	-2.43E04	4.27E05	0.00	999.00	5.1	0.0	1 ra
679	o	100	50	10.1	10.1	6.3	6.3	-5.0	1 ra	3.18E03	-1.21E05	1939.1	1 ra	3.26E04	-1.20E05	0.00	999.00	9.1	0.0	1 ra
	v	100	50	12.1	12.1	7.9	7.9	-8.2	1 ra	-2.55E04	1.59E05	72.4	1 ra	-3.74E03	9.95E04	0.00	999.00	1.6	0.0	1 ra
1243	o	75	50	7.4	7.4	6.3	6.3	-2.2	1 ra	-2.73E03	4.32E04	12.3	1 ra	-2.73E03	4.32E04	0.00	999.00	0.6	0.0	1 ra
	v	50	50	6.0	6.0	7.9	7.9	-1.4	1 ra	-3.22E03	3.79E03	-16.3	1 ra	-3.22E03	3.79E03	0.00	999.00	0.0	0.0	1 ra

Combinazione frequente

nod	sez	B	H	Af+	Af-	c+	c-	sc	c	N	M	sf	c	N	M	Wk(mm)	Wklim	st	Sm(mm)	c
677	o	75	50	6.0	6.0	6.3	6.3	-23.1	1 fr	-6.99E04	-1.80E05	-206.9	1 fr	-6.99E04	-1.80E05	0.00	0.20	0.0	0.0	1 fr
	v	100	50	12.1	12.1	7.9	7.9	-16.6	1 fr	-2.43E04	4.27E05	119.3	1 fr	-2.43E04	4.27E05	0.00	0.20	5.1	0.0	1 fr
679	o	100	50	10.1	10.1	6.3	6.3	-5.0	1 fr	3.18E03	-1.21E05	1939.1	1 fr	3.26E04	-1.20E05	0.00	0.20	9.1	0.0	1 fr
	v	100	50	12.1	12.1	7.9	7.9	-8.2	1 fr	-2.55E04	1.59E05	72.4	1 fr	-3.74E03	9.95E04	0.00	0.20	1.6	0.0	1 fr
1243	o	75	50	7.4	7.4	6.3	6.3	-2.2	1 fr	-2.73E03	4.32E04	12.3	1 fr	-2.73E03	4.32E04	0.00	0.20	0.6	0.0	1 fr
	v	50	50	6.0	6.0	7.9	7.9	-1.4	1 fr	-3.22E03	3.79E03	-16.3	1 fr	-3.22E03	3.79E03	0.00	0.20	0.0	0.0	1 fr

Combinazione quasi permanente

nod	sez	B	H	Af+	Af-	c+	c-	sc	c	N	M	sf	c	N	M	Wk(mm)	Wklim	st	Sm(mm)	c
677	o	75	50	6.0	6.0	6.3	6.3	-21.4	4 q.	-6.48E04	-1.66E05	-192.4	4 q.	-6.48E04	-1.66E05	0.00	0.20	0.0	0.0	1 q.
	v	100	50	12.1	12.1	7.9	7.9	-15.0	4 q.	-2.13E04	3.85E05	120.2	2 q.	-1.98E04	3.67E05	0.00	0.20	4.8	0.0	1 q.
679	o	100	50	10.1	10.1	6.3	6.3	-4.9	3 q.	2.78E03	-1.16E05	1800.1	3 q.	2.99E04	-1.17E05	0.00	0.20	8.5	0.0	1 q.
	v	100	50	12.1	12.1	7.9	7.9	-7.3	4 q.	-2.23E04	1.46E05	124.2	2 q.	-1.54E03	8.66E04	0.00	0.20	1.7	0.0	1 q.
1243	o	75	50	7.4	7.4	6.3	6.3	-2.8	2 q.	-4.86E03	5.34E04	2.7	4 q.	-4.12E03	4.93E04	0.00	0.20	0.4	0.0	1 q.
	v	50	50	6.0	6.0	7.9	7.9	-1.4	3 q.	-3.04E03	5.86E03	-14.4	3 q.	-3.04E03	5.86E03	0.00	0.20	0.2	0.0	1 q.

Verifica dei pannelli

Pannello : Pannello da Filo 112 a (725;555)

Sezione a quota -274
Coordinate dei vertici

X	Y
555.0	25.0
950.0	25.0
950.0	-25.0
950.0	-67.3
900.0	-67.3
900.0	-25.0
605.0	-25.0
605.0	-67.3
555.0	-67.3
555.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
575.3	-18.7	16	595.3	-18.7	16	615.3	-18.7	16	635.3	-18.7	16	655.3	-18.7	16
675.3	-18.7	16	695.3	-18.7	16	715.3	-18.7	16	735.3	-18.7	16	755.3	-18.7	16
775.3	-18.7	16	795.3	-18.7	16	815.3	-18.7	16	835.3	-18.7	16	855.3	-18.7	16
875.3	-18.7	16	895.3	-18.7	16	915.3	-18.7	16	935.3	-18.7	16	575.3	18.7	16
595.3	18.7	16	615.3	18.7	16	635.3	18.7	16	655.3	18.7	16	675.3	18.7	16
695.3	18.7	16	715.3	18.7	16	735.3	18.7	16	755.3	18.7	16	775.3	18.7	16
795.3	18.7	16	815.3	18.7	16	835.3	18.7	16	855.3	18.7	16	875.3	18.7	16
895.3	18.7	16	915.3	18.7	16	935.3	18.7	16						

Sezione a quota -140
Coordinate dei vertici

X	Y
555.0	-25.0
555.0	25.0
950.0	25.0
950.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
575.3	-18.7	16	595.3	-18.7	16	615.3	-18.7	16	635.3	-18.7	16	655.3	-18.7	16
675.3	-18.7	16	695.3	-18.7	16	715.3	-18.7	16	735.3	-18.7	16	755.3	-18.7	16
775.3	-18.7	16	795.3	-18.7	16	815.3	-18.7	16	835.3	-18.7	16	855.3	-18.7	16
875.3	-18.7	16	895.3	-18.7	16	915.3	-18.7	16	935.3	-18.7	16	575.3	18.7	16
595.3	18.7	16	615.3	18.7	16	635.3	18.7	16	655.3	18.7	16	675.3	18.7	16
695.3	18.7	16	715.3	18.7	16	735.3	18.7	16	755.3	18.7	16	775.3	18.7	16
795.3	18.7	16	815.3	18.7	16	835.3	18.7	16	855.3	18.7	16	875.3	18.7	16
895.3	18.7	16	915.3	18.7	16	935.3	18.7	16						

Sezione a quota -6
Coordinate dei vertici

X	Y
555.0	-25.0
555.0	25.0
950.0	25.0
950.0	-25.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
575.3	-18.7	16	595.3	-18.7	16	615.3	-18.7	16	635.3	-18.7	16	655.3	-18.7	16
675.3	-18.7	16	695.3	-18.7	16	715.3	-18.7	16	735.3	-18.7	16	755.3	-18.7	16
775.3	-18.7	16	795.3	-18.7	16	815.3	-18.7	16	835.3	-18.7	16	855.3	-18.7	16
875.3	-18.7	16	895.3	-18.7	16	915.3	-18.7	16	935.3	-18.7	16	575.3	18.7	16
595.3	18.7	16	615.3	18.7	16	635.3	18.7	16	655.3	18.7	16	675.3	18.7	16
695.3	18.7	16	715.3	18.7	16	735.3	18.7	16	755.3	18.7	16	775.3	18.7	16
795.3	18.7	16	815.3	18.7	16	835.3	18.7	16	855.3	18.7	16	875.3	18.7	16
895.3	18.7	16	915.3	18.7	16	935.3	18.7	16						

Verifica eseguita con comportamento non dissipativo
Le condizioni sismiche sono state moltiplicate per i rispettivi fattori di struttura

fcd	fctd	Hcr	q.Hcr	hw	Lw	n.p.	hs
212	16	390	-5	390	395	2	198

Verifica a pressoflessione

quota	Mxd	Myd	Ned	Ngrav.	NReale	c.s.	comb
-274	92767	3141609	-53377	-53377	-53377	54.1522	6 SLU
-274	-308800	5288877	58701	-41204	58701	3.4542	14 SLV
-140	-69531	6286689	-41406	-41406	-41406	31.7439	7 SLU
-140	-65231	7235509	57080	-33547	57080	3.1137	14 SLV
-6	504969	3374516	-21402	-21402	-21402	21.8089	8 SLU
-6	209775	5667527	38170	-16804	38170	4.3329	14 SLV

Verifica compressione del diagonale

quota	epsilon	VEd	Vrcd	comb
-274	1.00	-24523	846693	6 SLU
-274	1.00	-66201	848112	12 SLV
-140	1.00	-16255	844892	6 SLU
-140	1.00	-57965	844586	12 SLV
-6	1.00	37904	840526	5 SLU
-6	1.00	66347	848959	1 SLV

Verifica trazione del diagonale

quota	alfaS	At	roh	rov	MEd	NEd	VEd	VRsd	comb
-274	0.00	76.4	0.0040	0.0039	3141609	-53377	-24523	248642	6 SLU
-274	0.00	76.4	0.0040	0.0039	332594	-60474	-66201	248642	12 SLV
-140	0.00	76.4	0.0040	0.0039	6234663	-44371	-16255	248642	6 SLU
-140	0.00	76.4	0.0040	0.0039	5713736	-42841	-57965	248642	12 SLV
-6	0.00	76.4	0.0048	0.0039	3205708	-22544	37904	298371	5 SLU
-6	0.00	76.4	0.0048	0.0039	-2229491	-64709	66347	298371	1 SLV

Parete pozzetto scarico E

Parete fra le coordinate in pianta (-25;-185) (-25;135)
da quota -355 a quota -5
Valori in daN, cm
C35/45_1: rck 450
fyk 4500

Verifica di stato limite ultimo

nod	sez	B	H	Af+	Af-	c+	c-	c.s.	comb	N	M	Nu	Mu
621	o	50	30	4.0	4.0	6.3	6.3	1.247	11 SLV	22348	-41966	27875	-52346
	v	100	30	10.1	10.1	7.9	7.9	5.529	7 SLU	-3834	-222150	-21198	-1228337
976	o	65	30	6.0	6.0	6.3	6.3	1.887	15 SLV	21082	-56814	39772	-107182
	v	50	30	4.0	4.0	7.9	7.9	5.759	11 SLV	2108	-46573	12140	-268221

Combinazione rara

nod	sez	B	H	Af+	Af-	c+	c-	sc	c	N	M	sf	c	N	M	Wk(mm)	Wlim	st	Sm(mm)	c
621	o	50	30	4.0	4.0	6.3	6.3	-12.8	1 ra	4.16E03	-4.93E04	1142.5	1 ra	4.16E03	-4.93E04	0.00999.00	9.1	0.0	1 ra	
	v	100	30	10.1	10.1	7.9	7.9	-23.9	1 ra	-2.76E03	-1.62E05	652.6	1 ra	-2.76E03	-1.62E05	0.00999.00	9.6	0.0	1 ra	
976	o	65	30	6.0	6.0	6.3	6.3	-4.8	1 ra	5.81E03	3.93E04	840.2	1 ra	5.81E03	3.93E04	0.00999.00	6.8	0.0	1 ra	
	v	50	30	4.0	4.0	7.9	7.9	-18.3	1 ra	-3.14E03	-6.33E04	357.4	1 ra	-3.14E03	-6.33E04	0.00999.00	6.2	0.0	1 ra	

Combinazione frequente

nod	sez	B	H	Af+	Af-	c+	c-	sc	c	N	M	sf	c	N	M	Wk(mm)	Wklim	st	Sm(mm)	c
621	o	50	30	4.0	4.0	6.3	6.3	-12.8	1 fr	4.16E03	-4.93E04	1142.5	1 fr	4.16E03	-4.93E04	0.00	0.20	9.1	0.0	1 fr
	v	100	30	10.1	10.1	7.9	7.9	-23.9	1 fr	-2.76E03	-1.62E05	652.6	1 fr	-2.76E03	-1.62E05	0.00	0.20	9.6	0.0	1 fr
976	o	65	30	6.0	6.0	6.3	6.3	-4.8	1 fr	5.81E03	3.93E04	840.2	1 fr	5.81E03	3.93E04	0.00	0.20	6.8	0.0	1 fr
	v	50	30	4.0	4.0	7.9	7.9	-18.3	1 fr	-3.14E03	-6.33E04	357.4	1 fr	-3.14E03	-6.33E04	0.00	0.20	6.2	0.0	1 fr

Combinazione quasi permanente

nod	sez	B	H	Af+	Af-	c+	c-	sc	c	N	M	sf	c	N	M	Wk(mm)	Wklim	st	Sm(mm)	c
621	o	50	30	4.0	4.0	6.3	6.3	-11.6	4 q.	3.57E03	-4.43E04	1029.8	3 q.	3.79E03	-4.40E04	0.00	0.20	8.1	0.0	1 q.
	v	100	30	10.1	10.1	7.9	7.9	-20.2	4 q.	-2.21E03	-1.37E05	556.3	4 q.	-2.21E03	-1.37E05	0.00	0.20	8.2	0.0	1 q.
976	o	65	30	6.0	6.0	6.3	6.3	-5.7	2 q.	4.69E03	3.77E04	774.3	3 q.	5.28E03	3.71E04	0.00	0.20	6.3	0.0	1 q.
	v	50	30	4.0	4.0	7.9	7.9	-15.7	4 q.	-2.89E03	-5.49E04	293.3	3 q.	-2.82E03	-5.45E04	0.00	0.20	5.3	0.0	1 q.

Verifica dei pannelli

Pannello : Pannello da Filo 61 a Filo 59

Sezione a quota -274
Coordinate dei vertici

X	Y
-185.0	15.0
-185.0	31.0
-145.0	31.0
-145.0	15.0
105.0	15.0
105.0	31.0
135.0	31.0
135.0	15.0
135.0	-15.0
-145.0	-15.0
-145.0	-31.0
-185.0	-31.0
-185.0	-15.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-165.0	-8.7	16	-145.0	-8.7	16	-125.0	-8.7	16	-105.0	-8.7	16	-85.0	-8.7	16
-65.0	-8.7	16	-45.0	-8.7	16	-25.0	-8.7	16	-5.0	-8.7	16	15.0	-8.7	16
35.0	-8.7	16	55.0	-8.7	16	75.0	-8.7	16	95.0	-8.7	16	115.0	-8.7	16
-165.0	8.7	16	-145.0	8.7	16	-125.0	8.7	16	-105.0	8.7	16	-85.0	8.7	16
-65.0	8.7	16	-45.0	8.7	16	-25.0	8.7	16	-5.0	8.7	16	15.0	8.7	16
35.0	8.7	16	55.0	8.7	16	75.0	8.7	16	95.0	8.7	16	115.0	8.7	16

Sezione a quota -140
Coordinate dei vertici

X	Y
-185.0	15.0
-185.0	33.8
-145.0	33.8
-145.0	15.0
105.0	15.0
105.0	33.8
135.0	33.8
135.0	15.0
135.0	-15.0
-145.0	-15.0
-145.0	-33.8
-185.0	-33.8
-185.0	-15.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-165.0	-8.7	16	-145.0	-8.7	16	-125.0	-8.7	16	-105.0	-8.7	16	-85.0	-8.7	16
-65.0	-8.7	16	-45.0	-8.7	16	-25.0	-8.7	16	-5.0	-8.7	16	15.0	-8.7	16
35.0	-8.7	16	55.0	-8.7	16	75.0	-8.7	16	95.0	-8.7	16	115.0	-8.7	16
-165.0	8.7	16	-145.0	8.7	16	-125.0	8.7	16	-105.0	8.7	16	-85.0	8.7	16
-65.0	8.7	16	-45.0	8.7	16	-25.0	8.7	16	-5.0	8.7	16	15.0	8.7	16
35.0	8.7	16	55.0	8.7	16	75.0	8.7	16	95.0	8.7	16	115.0	8.7	16

Sezione a quota -6
Coordinate dei vertici

X	Y
-185.0	-15.0
-185.0	15.0
135.0	15.0
135.0	-15.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
-165.0	-8.7	16	-145.0	-8.7	16	-125.0	-8.7	16	-105.0	-8.7	16	-85.0	-8.7	16
-65.0	-8.7	16	-45.0	-8.7	16	-25.0	-8.7	16	-5.0	-8.7	16	15.0	-8.7	16
35.0	-8.7	16	55.0	-8.7	16	75.0	-8.7	16	95.0	-8.7	16	115.0	-8.7	16
-165.0	8.7	16	-145.0	8.7	16	-125.0	8.7	16	-105.0	8.7	16	-85.0	8.7	16
-65.0	8.7	16	-45.0	8.7	16	-25.0	8.7	16	-5.0	8.7	16	15.0	8.7	16
35.0	8.7	16	55.0	8.7	16	75.0	8.7	16	95.0	8.7	16	115.0	8.7	16

Verifica eseguita come parete di fondazione comportamento non dissipativo
Le verifiche SLV sono state condotte con sollecitazioni derivate dalla famiglia di combinazioni 'SLV fondazioni'

fcd	fctd	Hcr	q.Hcr	hw	Lw	n.p.	hs
212	16	300	-5	300	320	2	198

Verifica a pressoflessione

quota	Mxd	Myd	Ned	Ngrav.	NReale	c.s.	comb
-274	284810	-679526	-38937	-38937	-38937	36.1338	6 SLU
-274	195913	-2165393	-17701	-26717	-17701	28.1483	7 SLVFond
-140	-56700	965652	-6501	-6501	-6501	90.1237	8 SLU
-140	9262	2072856	12321	-5115	12321	8.9226	15 SLVFond
-6	132833	2808537	20687	20687	20687	5.7518	8 SLU
-6	220872	4888957	35015	13210	35015	3.3540	15 SLVFond

Verifica compressione del diagonale

quota	epsilon	VEd	Vrcd	comb
-274	1.00	-23377	414112	8 SLU
-274	1.00	-50406	408872	11 SLVFond
-140	1.00	-30956	407668	8 SLU
-140	1.00	-55175	406368	11 SLVFond
-6	1.00	-34783	406368	6 SLU
-6	1.00	-54254	406368	11 SLVFond

Verifica trazione del diagonale

quota	alfaS	At	roh	rov	MEd	NEd	VEd	VRsd	comb
-274	0.00	60.3	0.0067	0.0063	-668944	-38722	-23377	201445	8 SLU
-274	0.00	60.3	0.0067	0.0063	-1949717	-12522	-50406	201445	11 SLVFond
-140	0.00	60.3	0.0067	0.0063	965652	-6501	-30956	201445	8 SLU
-140	0.00	60.3	0.0067	0.0063	1894612	11371	-55175	201445	11 SLVFond
-6	0.00	60.3	0.0054	0.0063	2757068	20131	-34783	161156	6 SLU
-6	0.00	60.3	0.0054	0.0063	6033906	27208	-54254	161156	11 SLVFond

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Parete pozzetto scarico lato vasche

Parete fra le coordinate in pianta (-10;120) (-190;120)
da quota -355 a quota -5
Valori in daN, cm
C35/45_1: rck 450
fyk 4500

Verifica di stato limite ultimo

nod	sez	B	H	Af+	Af-	c+	c-	c.s.	comb	N	M	Nu	Mu
163	o	50	30	4.0	4.0	6.3	6.3	23.262	10 SLV	-8076	-56325	-187856	-1310233
	v	100	30	10.1	10.1	7.9	7.9	3.162	13 SLV	12698	-169053	40154	-534597
976	o	65	30	6.0	6.0	6.3	6.3	1.396	11 SLV	25928	-112885	36184	-157538
	v	50	30	4.0	4.0	7.9	7.9	20.717	5 SLU	-9869	-58577	-204450	-1213525

Combinazione rara

nod	sez	B	H	Af+	Af-	c+	c-	sc	c	N	M	sf	c	N	M	Wk(mm)	Wlim	st	Sm(mm)	c
163	o	50	30	4.0	4.0	6.3	6.3	-8.3	1 ra	-7.12E03	-3.13E04	-32.3	1 ra	-7.12E03	-3.13E04	0.00	999.00	0.0	0.0	1 ra
	v	100	30	10.1	10.1	7.9	7.9	-24.5	1 ra	2.79E03	-1.58E05	936.4	1 ra	2.79E03	-1.58E05	0.00	999.00	11.2	0.0	1 ra
976	o	65	30	6.0	6.0	6.3	6.3	-8.9	1 ra	3.46E03	4.66E04	677.5	1 ra	3.46E03	4.66E04	0.00	999.00	6.3	0.0	1 ra
	v	50	30	4.0	4.0	7.9	7.9	-10.1	1 ra	-7.28E03	-4.31E04	-26.6	1 ra	-7.28E03	-4.31E04	0.00	999.00	0.9	0.0	1 ra

Combinazione frequente

nod	sez	B	H	Af+	Af-	c+	c-	sc	c	N	M	sf	c	N	M	Wk(mm)	Wlim	st	Sm(mm)	c
163	o	50	30	4.0	4.0	6.3	6.3	-8.3	1 fr	-7.12E03	-3.13E04	-32.3	1 fr	-7.12E03	-3.13E04	0.00	0.20	0.0	0.0	1 fr
	v	100	30	10.1	10.1	7.9	7.9	-24.5	1 fr	2.79E03	-1.58E05	936.4	1 fr	2.79E03	-1.58E05	0.00	0.20	11.2	0.0	1 fr
976	o	65	30	6.0	6.0	6.3	6.3	-8.9	1 fr	3.46E03	4.66E04	677.5	1 fr	3.46E03	4.66E04	0.00	0.20	6.3	0.0	1 fr
	v	50	30	4.0	4.0	7.9	7.9	-10.1	1 fr	-7.28E03	-4.31E04	-26.6	1 fr	-7.28E03	-4.31E04	0.00	0.20	0.9	0.0	1 fr

Combinazione quasi permanente

nod	sez	B	H	Af+	Af-	c+	c-	sc	c	N	M	sf	c	N	M	Wk(mm)	Wlim	st	Sm(mm)	c
163	o	50	30	4.0	4.0	6.3	6.3	-7.6	4 q.	-6.54E03	-2.91E04	-29.3	4 q.	-6.54E03	-2.91E04	0.00	0.20	0.0	0.0	1 q.
	v	100	30	10.1	10.1	7.9	7.9	-20.8	4 q.	2.91E03	-1.34E05	824.6	4 q.	2.91E03	-1.34E05	0.00	0.20	9.6	0.0	1 q.
976	o	65	30	6.0	6.0	6.3	6.3	-9.0	2 q.	2.57E03	4.55E04	631.6	3 q.	3.22E03	4.35E04	0.00	0.20	5.9	0.0	1 q.
	v	50	30	4.0	4.0	7.9	7.9	-8.8	4 q.	-6.48E03	-3.74E04	-25.0	4 q.	-6.48E03	-3.74E04	0.00	0.20	0.7	0.0	1 q.

Verifica dei pannelli

Pannello : Pannello da Filo 81 a Filo 61

Sezione a quota -274
Coordinate dei vertici

X	Y
10.0	15.0
10.0	31.0
40.0	31.0
40.0	15.0
160.0	15.0
160.0	31.0
190.0	31.0
190.0	15.0
190.0	-15.0
10.0	-15.0

Armature verticali

X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø	X	Y	ø
17.3	-8.7	16	37.3	-8.7	16	57.3	-8.7	16	77.3	-8.7	16	97.3	-8.7	16
117.3	-8.7	16	137.3	-8.7	16	157.3	-8.7	16	177.3	-8.7	16	17.3	8.7	16
37.3	8.7	16	57.3	8.7	16	77.3	8.7	16	97.3	8.7	16	117.3	8.7	16
137.3	8.7	16	157.3	8.7	16	177.3	8.7	16						

Sezione a quota -140
Coordinate dei vertici

X	Y
10.0	15.0
10.0	33.8
40.0	33.8

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   40.0    15.0
  160.0    15.0
  160.0    33.8
  190.0    33.8
  190.0    15.0
  190.0   -15.0
   10.0   -15.0

Armature verticali
      X       Y    ø       X       Y    ø       X       Y    ø       X       Y    ø       X       Y    ø
   17.3    -8.7   16    37.3    -8.7   16    57.3    -8.7   16    77.3    -8.7   16    97.3    -8.7   16
  117.3    -8.7   16   137.3    -8.7   16   157.3    -8.7   16   177.3    -8.7   16    17.3     8.7   16
   37.3     8.7   16    57.3     8.7   16    77.3     8.7   16    97.3     8.7   16   117.3     8.7   16
  137.3     8.7   16   157.3     8.7   16   177.3     8.7   16

Sezione a quota -6
Coordinate dei vertici
      X       Y
   10.0   -15.0
   10.0    15.0
  190.0    15.0
  190.0   -15.0

Armature verticali
      X       Y    ø       X       Y    ø       X       Y    ø       X       Y    ø       X       Y    ø
   17.3    -8.7   16    37.3    -8.7   16    57.3    -8.7   16    77.3    -8.7   16    97.3    -8.7   16
  117.3    -8.7   16   137.3    -8.7   16   157.3    -8.7   16   177.3    -8.7   16    17.3     8.7   16
   37.3     8.7   16    57.3     8.7   16    77.3     8.7   16    97.3     8.7   16   117.3     8.7   16
  137.3     8.7   16   157.3     8.7   16   177.3     8.7   16



Verifica eseguita come parete di fondazione comportamento non dissipativo
Le verifiche SLV sono state condotte con sollecitazioni derivate dalla famiglia di combinazioni 'SLV fondazioni'
 fcd fctd   Hcr q.Hcr    hw    Lw   n.p.    hs
 212   16   300    -5   300   180     2   198

Verifica a pressoflessione
quota         Mxd        Myd        Ned     Ngrav.     NReale     c.s. comb
 -274       37828    -226091     -17730     -17730     -17730  68.7231 5 SLU
 -274       31123    -708414     -15622     -12115     -15622  49.7185 2 SLVFond
 -140       22792    -911833     -24622     -24622     -24622  34.0379 7 SLU
 -140        9789    -809025       7237     -16937       7237   8.4607 11 SLVFond
   -6     -226487   -2173512     -23966     -23966     -23966   8.3758 8 SLU
   -6      200008   -2155969      25724     -17646      25724   2.7163 11 SLVFond

Verifica compressione del diagonale
quota  epsilon       VEd      Vrcd comb
 -274     1.00      7654    232075 8 SLU
 -274     1.00     18225    230304 15 SLVFond
 -140     1.00      7103    233350 8 SLU
 -140     1.00     19319    230171 15 SLVFond
   -6     1.00      8209    233375 8 SLU
   -6     1.00     19727    229161 15 SLVFond

Verifica trazione del diagonale
quota    alfaS    At     roh     rov        MEd        NEd       VEd      VRsd comb
 -274     0.00  36.2  0.0067  0.0067    -204434     -17466      7654    113313 8 SLU
 -274     0.00  36.2  0.0067  0.0067     419561      -8608     18225    113313 15 SLVFond
 -140     0.00  36.2  0.0067  0.0067    -914965     -23838      7103    113313 8 SLU
 -140     0.00  36.2  0.0067  0.0067   -1057103      -7943     19319    113313 15 SLVFond
   -6     0.00  36.2  0.0054  0.0067   -2173512     -23966      8209     90650 8 SLU
   -6     0.00  36.2  0.0054  0.0067   -3095848      -2894     19727     90650 15 SLVFond
```

6.4 Verifiche giunti sismici

***Verifica**: stato di verifica*
***Bordo sinistro**: spostamento bordo sinistro*
***Comb.**: combinazione nella quale viene valutato lo spostamento*
***SpostIx**: spostamento nodo iniziale (componente lungo asse globale X) [cm]*
***SpostIy**: spostamento nodo iniziale (componente lungo asse globale Y) [cm]*
***SpostJx**: spostamento nodo finale (componente lungo asse globale X) [cm]*
***SpostJy**: spostamento nodo finale (componente lungo asse globale Y) [cm]*
***Bordo destro**: spostamento bordo destro*
***Larghezza**: larghezza del giunto*
***Min**: larghezza minima [cm]*
***Max**: larghezza massima [cm]*

Le unità di misura delle verifiche elencate nel capitolo sono in [cm] ove non espressamente specificato.

Giunto sismico 650 fili 4-7

Verifiche condotte secondo D.M. 14-01-08 (N.T.C.)

Caratteristiche geometriche:

Larghezza del giunto: 6.3

Bordo sinistro

Elemento: Trave C.A. a Z 650[cm] filo 4 (-300; 971.2) [cm]
Punto iniziale: -750; 956.2
Punto finale: -300; 956.2
Nodo iniziale: 2760
Nodo finale: 2761

Bordo destro

Elemento: Trave C.A. a Z 650[cm] fili 7-24

Punto iniziale: 725; 950
Punto finale: -750; 950
Nodo iniziale: 2759
Nodo finale: 2742

Verifica del giunto sismico

Larghezza minima del giunto prevista dalla norma (§ 7.2.2)

Larghezza minima richiesta: 1/100 * h * ag*S/0.5g = 3.9 < 6.3 - SODDISFATTA
dove:
h = 650 (misurata dallo zero sismico = 0)
ag/g = 0.22 (SLV)
S = 1.37 (SLV)
Valutazione della larghezza minima eseguita nelle combinazioni SLV (§ 7.2.2)
Coefficiente amplificativo parte sismica degli spostamenti SLV (§ 7.3.3.3 formula (7.3.8)): μd = 1

Valutazione della distanza tra i due bordi con spostamenti sismici per verificare l'eventuale martellamento

Larghezza minima SLV = 0.45 > 0 - SODDISFATTA
Larghezza massima SLV = 11.23
Larghezza minima SLO = 3.88
Larghezza massima SLO = 7.76

Valutazione larghezza giunto nelle combinazioni SLV

Bordo sinistro					Bordo destro					Larghezza		Verifica
Comb.	SpostIx	SpostIy	SpostJx	SpostJy	Comb.	SpostIx	SpostIy	SpostJx	SpostJy	Min	Max	
SLV 1	0	0	0	0	SLV 1	-6.252	-2.394	-6.264	-1.278	7.53	7.87	Si
					SLV 2	-6.027	-2.569	-6.039	-1.098	7.35	7.8	Si
					SLV 3	-5.844	0.805	-5.853	1.836	4.41	4.73	Si
					SLV 4	-5.618	0.63	-5.627	2.016	4.23	4.66	Si
					SLV 5	-2.481	-5.331	-2.496	-4.82	11.07	11.23	Si
					SLV 6	-2.294	-5.476	-2.31	-4.671	10.92	11.17	Si
					SLV 7	-1.119	5.332	-1.123	5.558	0.69	0.76	Si
					SLV 8	-0.933	5.187	-0.937	5.707	0.54	0.7	Si
					SLV 9	1.144	-4.637	1.129	-4.756	10.97	11.01	Si
					SLV 10	1.331	-4.782	1.315	-4.607	10.86	10.91	Si
					SLV 11	2.506	6.026	2.502	5.622	0.5	0.63	Si
					SLV 12	2.692	5.881	2.689	5.771	0.45	0.48	Si
					SLV 13	5.83	-0.08	5.819	-1.065	7.01	7.32	Si
					SLV 14	6.056	-0.255	6.045	-0.884	6.94	7.14	Si
					SLV 15	6.238	3.119	6.231	2.049	3.87	4.21	Si
					SLV 16	6.464	2.943	6.457	2.229	3.8	4.02	Si
SLV 2	0	0	0	0	SLV 1	-6.252	-2.394	-6.264	-1.278	7.53	7.87	Si
					SLV 2	-6.027	-2.569	-6.039	-1.098	7.35	7.8	Si
					SLV 3	-5.844	0.805	-5.853	1.836	4.41	4.73	Si
					SLV 4	-5.618	0.63	-5.627	2.016	4.23	4.66	Si
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SLV 3	0	0	0	0	SLV 1	-6.252	-2.394	-6.264	-1.278	7.53	7.87	Si
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					SLV 15	6.238	3.119	6.231	2.049	3.87	4.21	Si

Bordo sinistro					Bordo destro					Larghezza		Verifica
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					SLV 16	6.464	2.943	6.457	2.229	3.8	4.02	Si
SLV 6	0	0	0	0	SLV 1	-6.252	-2.394	-6.264	-1.278	7.53	7.87	Si
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					SLV 15	6.238	3.119	6.231	2.049	3.87	4.21	Si
					SLV 16	6.464	2.943	6.457	2.229	3.8	4.02	Si
SLV 7	0	0	0	0	SLV 1	-6.252	-2.394	-6.264	-1.278	7.53	7.87	Si
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					SLV 8	-0.933	5.187	-0.937	5.707	0.54	0.7	Si
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					SLV 15	6.238	3.119	6.231	2.049	3.87	4.21	Si
					SLV 16	6.464	2.943	6.457	2.229	3.8	4.02	Si
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					SLV 16	6.464	2.943	6.457	2.229	3.8	4.02	Si
SLV 12	0	0	0	0	SLV 1	-6.252	-2.394	-6.264	-1.278	7.53	7.87	Si
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Bordo sinistro					Bordo destro					Larghezza		Verifica
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					SLV 9	1.144	-4.637	1.129	-4.756	10.97	11.01	Si
					SLV 10	1.331	-4.782	1.315	-4.607	10.86	10.91	Si
					SLV 11	2.506	6.026	2.502	5.622	0.5	0.63	Si
					SLV 12	2.692	5.881	2.689	5.771	0.45	0.48	Si
					SLV 13	5.83	-0.08	5.819	-1.065	7.01	7.32	Si
					SLV 14	6.056	-0.255	6.045	-0.884	6.94	7.14	Si
					SLV 15	6.238	3.119	6.231	2.049	3.87	4.21	Si
					SLV 16	6.464	2.943	6.457	2.229	3.8	4.02	Si
SLV 13	0	0	0	0	SLV 1	-6.252	-2.394	-6.264	-1.278	7.53	7.87	Si
					SLV 2	-6.027	-2.569	-6.039	-1.098	7.35	7.8	Si
					SLV 3	-5.844	0.805	-5.853	1.836	4.41	4.73	Si
					SLV 4	-5.618	0.63	-5.627	2.016	4.23	4.66	Si
					SLV 5	-2.481	-5.331	-2.496	-4.82	11.07	11.23	Si
					SLV 6	-2.294	-5.476	-2.31	-4.671	10.92	11.17	Si
					SLV 7	-1.119	5.332	-1.123	5.558	0.69	0.76	Si
					SLV 8	-0.933	5.187	-0.937	5.707	0.54	0.7	Si
					SLV 9	1.144	-4.637	1.129	-4.756	10.97	11.01	Si
					SLV 10	1.331	-4.782	1.315	-4.607	10.86	10.91	Si
					SLV 11	2.506	6.026	2.502	5.622	0.5	0.63	Si
					SLV 12	2.692	5.881	2.689	5.771	0.45	0.48	Si
					SLV 13	5.83	-0.08	5.819	-1.065	7.01	7.32	Si
					SLV 14	6.056	-0.255	6.045	-0.884	6.94	7.14	Si
					SLV 15	6.238	3.119	6.231	2.049	3.87	4.21	Si
					SLV 16	6.464	2.943	6.457	2.229	3.8	4.02	Si
SLV 14	0	0	0	0	SLV 1	-6.252	-2.394	-6.264	-1.278	7.53	7.87	Si
					SLV 2	-6.027	-2.569	-6.039	-1.098	7.35	7.8	Si
					SLV 3	-5.844	0.805	-5.853	1.836	4.41	4.73	Si
					SLV 4	-5.618	0.63	-5.627	2.016	4.23	4.66	Si
					SLV 5	-2.481	-5.331	-2.496	-4.82	11.07	11.23	Si
					SLV 6	-2.294	-5.476	-2.31	-4.671	10.92	11.17	Si
					SLV 7	-1.119	5.332	-1.123	5.558	0.69	0.76	Si
					SLV 8	-0.933	5.187	-0.937	5.707	0.54	0.7	Si
					SLV 9	1.144	-4.637	1.129	-4.756	10.97	11.01	Si
					SLV 10	1.331	-4.782	1.315	-4.607	10.86	10.91	Si
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					SLV 14	6.056	-0.255	6.045	-0.884	6.94	7.14	Si
					SLV 15	6.238	3.119	6.231	2.049	3.87	4.21	Si
					SLV 16	6.464	2.943	6.457	2.229	3.8	4.02	Si
SLV 15	0	0	0	0	SLV 1	-6.252	-2.394	-6.264	-1.278	7.53	7.87	Si
					SLV 2	-6.027	-2.569	-6.039	-1.098	7.35	7.8	Si
					SLV 3	-5.844	0.805	-5.853	1.836	4.41	4.73	Si
					SLV 4	-5.618	0.63	-5.627	2.016	4.23	4.66	Si
					SLV 5	-2.481	-5.331	-2.496	-4.82	11.07	11.23	Si
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					SLV 16	6.464	2.943	6.457	2.229	3.8	4.02	Si
SLV 16	0	0	0	0	SLV 1	-6.252	-2.394	-6.264	-1.278	7.53	7.87	Si
					SLV 2	-6.027	-2.569	-6.039	-1.098	7.35	7.8	Si
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					SLV 8	-0.933	5.187	-0.937	5.707	0.54	0.7	Si
					SLV 9	1.144	-4.637	1.129	-4.756	10.97	11.01	Si
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					SLV 15	6.238	3.119	6.231	2.049	3.87	4.21	Si
					SLV 16	6.464	2.943	6.457	2.229	3.8	4.02	Si

Valutazione larghezza giunto nelle combinazioni SLO

Bordo sinistro					Bordo destro					Larghezza		Verifica
Comb.	SpostIx	SpostIy	SpostJx	SpostJy	Comb.	SpostIx	SpostIy	SpostJx	SpostJy	Min	Max	
SLO 1	0	0	0	0	SLO 1	-2.169	-0.681	-2.179	-0.148	6.4	6.56	Si
					SLO 2	-2.087	-0.745	-2.097	-0.083	6.33	6.54	Si
					SLO 3	-2.023	0.462	-2.032	0.964	5.29	5.44	Si
					SLO 4	-1.941	0.399	-1.95	1.03	5.22	5.41	Si
					SLO 5	-0.819	-1.729	-0.831	-1.417	7.67	7.76	Si
					SLO 6	-0.751	-1.781	-0.763	-1.363	7.61	7.74	Si
					SLO 7	-0.334	2.082	-0.341	2.293	3.96	4.02	Si
					SLO 8	-0.266	2.029	-0.273	2.347	3.9	4	Si
					SLO 9	0.477	-1.479	0.466	-1.396	7.65	7.67	Si
					SLO 10	0.545	-1.532	0.534	-1.342	7.59	7.65	Si
					SLO 11	0.963	2.331	0.955	2.314	3.93	3.94	Si
					SLO 12	1.031	2.278	1.023	2.368	3.88	3.91	Si
					SLO 13	2.153	0.151	2.143	-0.079	6.26	6.33	Si
					SLO 14	2.235	0.087	2.225	-0.013	6.23	6.26	Si
					SLO 15	2.298	1.294	2.289	1.034	5.14	5.22	Si
					SLO 16	2.38	1.23	2.372	1.1	5.11	5.15	Si
SLO 2	0	0	0	0	SLO 1	-2.169	-0.681	-2.179	-0.148	6.4	6.56	Si
					SLO 2	-2.087	-0.745	-2.097	-0.083	6.33	6.54	Si
					SLO 3	-2.023	0.462	-2.032	0.964	5.29	5.44	Si
					SLO 4	-1.941	0.399	-1.95	1.03	5.22	5.41	Si

Bordo sinistro					Bordo destro					Larghezza		Verifica
Comb.	SpostIx	SpostIy	SpostJx	SpostJy	Comb.	SpostIx	SpostIy	SpostJx	SpostJy	Min	Max	
					SLO 5	-0.819	-1.729	-0.831	-1.417	7.67	7.76	Si
					SLO 6	-0.751	-1.781	-0.763	-1.363	7.61	7.74	Si
					SLO 7	-0.334	2.082	-0.341	2.293	3.96	4.02	Si
					SLO 8	-0.266	2.029	-0.273	2.347	3.9	4	Si
					SLO 9	0.477	-1.479	0.466	-1.396	7.65	7.67	Si
					SLO 10	0.545	-1.532	0.534	-1.342	7.59	7.65	Si
					SLO 11	0.963	2.331	0.955	2.314	3.93	3.94	Si
					SLO 12	1.031	2.278	1.023	2.368	3.88	3.91	Si
					SLO 13	2.153	0.151	2.143	-0.079	6.26	6.33	Si
					SLO 14	2.235	0.087	2.225	-0.013	6.23	6.26	Si
					SLO 15	2.298	1.294	2.289	1.034	5.14	5.22	Si
					SLO 16	2.38	1.23	2.372	1.1	5.11	5.15	Si
SLO 3	0	0	0	0	SLO 1	-2.169	-0.681	-2.179	-0.148	6.4	6.56	Si
					SLO 2	-2.087	-0.745	-2.097	-0.083	6.33	6.54	Si
					SLO 3	-2.023	0.462	-2.032	0.964	5.29	5.44	Si
					SLO 4	-1.941	0.399	-1.95	1.03	5.22	5.41	Si
					SLO 5	-0.819	-1.729	-0.831	-1.417	7.67	7.76	Si
					SLO 6	-0.751	-1.781	-0.763	-1.363	7.61	7.74	Si
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					SLO 16	2.38	1.23	2.372	1.1	5.11	5.15	Si
SLO 4	0	0	0	0	SLO 1	-2.169	-0.681	-2.179	-0.148	6.4	6.56	Si
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SLO 5	0	0	0	0	SLO 1	-2.169	-0.681	-2.179	-0.148	6.4	6.56	Si
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SLO 6	0	0	0	0	SLO 1	-2.169	-0.681	-2.179	-0.148	6.4	6.56	Si
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					SLO 5	-0.819	-1.729	-0.831	-1.417	7.67	7.76	Si
					SLO 6	-0.751	-1.781	-0.763	-1.363	7.61	7.74	Si
					SLO 7	-0.334	2.082	-0.341	2.293	3.96	4.02	Si
					SLO 8	-0.266	2.029	-0.273	2.347	3.9	4	Si
					SLO 9	0.477	-1.479	0.466	-1.396	7.65	7.67	Si
					SLO 10	0.545	-1.532	0.534	-1.342	7.59	7.65	Si
					SLO 11	0.963	2.331	0.955	2.314	3.93	3.94	Si
					SLO 12	1.031	2.278	1.023	2.368	3.88	3.91	Si
					SLO 13	2.153	0.151	2.143	-0.079	6.26	6.33	Si
					SLO 14	2.235	0.087	2.225	-0.013	6.23	6.26	Si
					SLO 15	2.298	1.294	2.289	1.034	5.14	5.22	Si
					SLO 16	2.38	1.23	2.372	1.1	5.11	5.15	Si
SLO 11	0	0	0	0	SLO 1	-2.169	-0.681	-2.179	-0.148	6.4	6.56	Si
					SLO 2	-2.087	-0.745	-2.097	-0.083	6.33	6.54	Si
					SLO 3	-2.023	0.462	-2.032	0.964	5.29	5.44	Si
					SLO 4	-1.941	0.399	-1.95	1.03	5.22	5.41	Si
					SLO 5	-0.819	-1.729	-0.831	-1.417	7.67	7.76	Si
					SLO 6	-0.751	-1.781	-0.763	-1.363	7.61	7.74	Si
					SLO 7	-0.334	2.082	-0.341	2.293	3.96	4.02	Si
					SLO 8	-0.266	2.029	-0.273	2.347	3.9	4	Si
					SLO 9	0.477	-1.479	0.466	-1.396	7.65	7.67	Si
					SLO 10	0.545	-1.532	0.534	-1.342	7.59	7.65	Si
					SLO 11	0.963	2.331	0.955	2.314	3.93	3.94	Si
					SLO 12	1.031	2.278	1.023	2.368	3.88	3.91	Si
					SLO 13	2.153	0.151	2.143	-0.079	6.26	6.33	Si
					SLO 14	2.235	0.087	2.225	-0.013	6.23	6.26	Si
					SLO 15	2.298	1.294	2.289	1.034	5.14	5.22	Si
					SLO 16	2.38	1.23	2.372	1.1	5.11	5.15	Si
SLO 12	0	0	0	0	SLO 1	-2.169	-0.681	-2.179	-0.148	6.4	6.56	Si
					SLO 2	-2.087	-0.745	-2.097	-0.083	6.33	6.54	Si
					SLO 3	-2.023	0.462	-2.032	0.964	5.29	5.44	Si
					SLO 4	-1.941	0.399	-1.95	1.03	5.22	5.41	Si
					SLO 5	-0.819	-1.729	-0.831	-1.417	7.67	7.76	Si
					SLO 6	-0.751	-1.781	-0.763	-1.363	7.61	7.74	Si
					SLO 7	-0.334	2.082	-0.341	2.293	3.96	4.02	Si
					SLO 8	-0.266	2.029	-0.273	2.347	3.9	4	Si
					SLO 9	0.477	-1.479	0.466	-1.396	7.65	7.67	Si
					SLO 10	0.545	-1.532	0.534	-1.342	7.59	7.65	Si
					SLO 11	0.963	2.331	0.955	2.314	3.93	3.94	Si
					SLO 12	1.031	2.278	1.023	2.368	3.88	3.91	Si
					SLO 13	2.153	0.151	2.143	-0.079	6.26	6.33	Si
					SLO 14	2.235	0.087	2.225	-0.013	6.23	6.26	Si
					SLO 15	2.298	1.294	2.289	1.034	5.14	5.22	Si
					SLO 16	2.38	1.23	2.372	1.1	5.11	5.15	Si
SLO 13	0	0	0	0	SLO 1	-2.169	-0.681	-2.179	-0.148	6.4	6.56	Si
					SLO 2	-2.087	-0.745	-2.097	-0.083	6.33	6.54	Si
					SLO 3	-2.023	0.462	-2.032	0.964	5.29	5.44	Si
					SLO 4	-1.941	0.399	-1.95	1.03	5.22	5.41	Si
					SLO 5	-0.819	-1.729	-0.831	-1.417	7.67	7.76	Si
					SLO 6	-0.751	-1.781	-0.763	-1.363	7.61	7.74	Si
					SLO 7	-0.334	2.082	-0.341	2.293	3.96	4.02	Si
					SLO 8	-0.266	2.029	-0.273	2.347	3.9	4	Si
					SLO 9	0.477	-1.479	0.466	-1.396	7.65	7.67	Si
					SLO 10	0.545	-1.532	0.534	-1.342	7.59	7.65	Si
					SLO 11	0.963	2.331	0.955	2.314	3.93	3.94	Si
					SLO 12	1.031	2.278	1.023	2.368	3.88	3.91	Si
					SLO 13	2.153	0.151	2.143	-0.079	6.26	6.33	Si
					SLO 14	2.235	0.087	2.225	-0.013	6.23	6.26	Si
					SLO 15	2.298	1.294	2.289	1.034	5.14	5.22	Si
					SLO 16	2.38	1.23	2.372	1.1	5.11	5.15	Si
SLO 14	0	0	0	0	SLO 1	-2.169	-0.681	-2.179	-0.148	6.4	6.56	Si
					SLO 2	-2.087	-0.745	-2.097	-0.083	6.33	6.54	Si
					SLO 3	-2.023	0.462	-2.032	0.964	5.29	5.44	Si
					SLO 4	-1.941	0.399	-1.95	1.03	5.22	5.41	Si
					SLO 5	-0.819	-1.729	-0.831	-1.417	7.67	7.76	Si
					SLO 6	-0.751	-1.781	-0.763	-1.363	7.61	7.74	Si
					SLO 7	-0.334	2.082	-0.341	2.293	3.96	4.02	Si
					SLO 8	-0.266	2.029	-0.273	2.347	3.9	4	Si
					SLO 9	0.477	-1.479	0.466	-1.396	7.65	7.67	Si
					SLO 10	0.545	-1.532	0.534	-1.342	7.59	7.65	Si
					SLO 11	0.963	2.331	0.955	2.314	3.93	3.94	Si
					SLO 12	1.031	2.278	1.023	2.368	3.88	3.91	Si

Bordo sinistro					Bordo destro					Larghezza		Verifica
Comb.	SpostIx	SpostIy	SpostJx	SpostJy	Comb.	SpostIx	SpostIy	SpostJx	SpostJy	Min	Max	
					SLO 13	2.153	0.151	2.143	-0.079	6.26	6.33	Si
					SLO 14	2.235	0.087	2.225	-0.013	6.23	6.26	Si
					SLO 15	2.298	1.294	2.289	1.034	5.14	5.22	Si
					SLO 16	2.38	1.23	2.372	1.1	5.11	5.15	Si
SLO 15	0	0	0	0	SLO 1	-2.169	-0.681	-2.179	-0.148	6.4	6.56	Si
					SLO 2	-2.087	-0.745	-2.097	-0.083	6.33	6.54	Si
					SLO 3	-2.023	0.462	-2.032	0.964	5.29	5.44	Si
					SLO 4	-1.941	0.399	-1.95	1.03	5.22	5.41	Si
					SLO 5	-0.819	-1.729	-0.831	-1.417	7.67	7.76	Si
					SLO 6	-0.751	-1.781	-0.763	-1.363	7.61	7.74	Si
					SLO 7	-0.334	2.082	-0.341	2.293	3.96	4.02	Si
					SLO 8	-0.266	2.029	-0.273	2.347	3.9	4	Si
					SLO 9	0.477	-1.479	0.466	-1.396	7.65	7.67	Si
					SLO 10	0.545	-1.532	0.534	-1.342	7.59	7.65	Si
					SLO 11	0.963	2.331	0.955	2.314	3.93	3.94	Si
					SLO 12	1.031	2.278	1.023	2.368	3.88	3.91	Si
					SLO 13	2.153	0.151	2.143	-0.079	6.26	6.33	Si
					SLO 14	2.235	0.087	2.225	-0.013	6.23	6.26	Si
					SLO 15	2.298	1.294	2.289	1.034	5.14	5.22	Si
					SLO 16	2.38	1.23	2.372	1.1	5.11	5.15	Si
SLO 16	0	0	0	0	SLO 1	-2.169	-0.681	-2.179	-0.148	6.4	6.56	Si
					SLO 2	-2.087	-0.745	-2.097	-0.083	6.33	6.54	Si
					SLO 3	-2.023	0.462	-2.032	0.964	5.29	5.44	Si
					SLO 4	-1.941	0.399	-1.95	1.03	5.22	5.41	Si
					SLO 5	-0.819	-1.729	-0.831	-1.417	7.67	7.76	Si
					SLO 6	-0.751	-1.781	-0.763	-1.363	7.61	7.74	Si
					SLO 7	-0.334	2.082	-0.341	2.293	3.96	4.02	Si
					SLO 8	-0.266	2.029	-0.273	2.347	3.9	4	Si
					SLO 9	0.477	-1.479	0.466	-1.396	7.65	7.67	Si
					SLO 10	0.545	-1.532	0.534	-1.342	7.59	7.65	Si
					SLO 11	0.963	2.331	0.955	2.314	3.93	3.94	Si
					SLO 12	1.031	2.278	1.023	2.368	3.88	3.91	Si
					SLO 13	2.153	0.151	2.143	-0.079	6.26	6.33	Si
					SLO 14	2.235	0.087	2.225	-0.013	6.23	6.26	Si
					SLO 15	2.298	1.294	2.289	1.034	5.14	5.22	Si
					SLO 16	2.38	1.23	2.372	1.1	5.11	5.15	Si

Giunto sismico Carroponti fili 4-16

Verifiche condotte secondo D.M. 14-01-08 (N.T.C.)

Caratteristiche geometriche:

Larghezza del giunto: 7.5

Bordo sinistro

Elemento: Trave C.A. livello Carroponti fili 16-4
Punto iniziale: -750; 952.5
Punto finale: -100; 952.5
Nodo iniziale: 3603
Nodo finale: 3605

Bordo destro

Elemento: Trave C.A. livello Carroponti fili 16-7
Punto iniziale: -100; 945
Punto finale: -750; 945
Nodo iniziale: 3592
Nodo finale: 3583

Verifica del giunto sismico

Larghezza minima del giunto prevista dalla norma (§ 7.2.2)

Larghezza minima richiesta: 1/100 * h * ag*S/0.5g = 7 < 7.5 - SODDISFATTA
dove:
h = 1172 (misurata dallo zero sismico = 0)
ag/g = 0.22 (SLV)
S = 1.37 (SLV)
Valutazione della larghezza minima eseguita nelle combinazioni SLV (§ 7.2.2)
Coefficiente amplificativo parte sismica degli spostamenti SLV (§ 7.3.3.3 formula (7.3.8)): µd = 1

Valutazione della distanza tra i due bordi con spostamenti sismici per verificare l'eventuale martellamento

Larghezza minima SLV = 0.16 > 0 - SODDISFATTA
Larghezza massima SLV = 14.84
Larghezza minima SLO = 4.85
Larghezza massima SLO = 10.12

Valutazione larghezza giunto nelle combinazioni SLV

Bordo sinistro					Bordo destro					Larghezza		Verifica
Comb.	SpostIx	SpostIy	SpostJx	SpostJy	Comb.	SpostIx	SpostIy	SpostJx	SpostJy	Min	Max	
SLV 1	0	0	0	0	SLV 1	-8.857	-2.952	-8.856	-2.476	9.98	10.46	Si
					SLV 2	-8.612	-2.926	-8.611	-2.295	9.8	10.43	Si
					SLV 3	-8.293	1.298	-8.292	1.72	5.78	6.21	Si
					SLV 4	-8.048	1.324	-8.047	1.901	5.6	6.18	Si
					SLV 5	-3.482	-7.337	-3.482	-7.094	14.59	14.84	Si
					SLV 6	-3.279	-7.315	-3.279	-6.945	14.44	14.82	Si
					SLV 7	-1.602	6.829	-1.601	6.893	0.61	0.67	Si
					SLV 8	-1.399	6.85	-1.399	7.042	0.46	0.65	Si
					SLV 9	1.671	-6.848	1.671	-6.87	14.35	14.37	Si
					SLV 10	1.874	-6.826	1.873	-6.72	14.22	14.33	Si
					SLV 11	3.552	7.318	3.551	7.117	0.18	0.38	Si
					SLV 12	3.754	7.34	3.754	7.266	0.16	0.23	Si
					SLV 13	8.32	-1.321	8.319	-1.728	8.82	9.23	Si
					SLV 14	8.565	-1.295	8.564	-1.548	8.8	9.05	Si
					SLV 15	8.884	2.928	8.883	2.468	4.57	5.04	Si
					SLV 16	9.13	2.955	9.128	2.648	4.55	4.86	Si
SLV 2	0	0	0	0	SLV 1	-8.857	-2.952	-8.856	-2.476	9.98	10.46	Si
					SLV 2	-8.612	-2.926	-8.611	-2.295	9.8	10.43	Si
					SLV 3	-8.293	1.298	-8.292	1.72	5.78	6.21	Si
					SLV 4	-8.048	1.324	-8.047	1.901	5.6	6.18	Si
					SLV 5	-3.482	-7.337	-3.482	-7.094	14.59	14.84	Si
					SLV 6	-3.279	-7.315	-3.279	-6.945	14.44	14.82	Si
					SLV 7	-1.602	6.829	-1.601	6.893	0.61	0.67	Si
					SLV 8	-1.399	6.85	-1.399	7.042	0.46	0.65	Si

Bordo sinistro					Bordo destro					Larghezza		Verifica
Comb.	SpostIx	SpostIy	SpostJx	SpostJy	Comb.	SpostIx	SpostIy	SpostJx	SpostJy	Min	Max	
					SLV 9	1.671	-6.848	1.671	-6.87	14.35	14.37	Si
					SLV 10	1.874	-6.826	1.873	-6.72	14.22	14.33	Si
					SLV 11	3.552	7.318	3.551	7.117	0.18	0.38	Si
					SLV 12	3.754	7.34	3.754	7.266	0.16	0.23	Si
					SLV 13	8.32	-1.321	8.319	-1.728	8.82	9.23	Si
					SLV 14	8.565	-1.295	8.564	-1.548	8.8	9.05	Si
					SLV 15	8.884	2.928	8.883	2.468	4.57	5.04	Si
					SLV 16	9.13	2.955	9.128	2.648	4.55	4.86	Si
SLV 3	0	0	0	0	SLV 1	-8.857	-2.952	-8.856	-2.476	9.98	10.46	Si
					SLV 2	-8.612	-2.926	-8.611	-2.295	9.8	10.43	Si
					SLV 3	-8.293	1.298	-8.292	1.72	5.78	6.21	Si
					SLV 4	-8.048	1.324	-8.047	1.901	5.6	6.18	Si
					SLV 5	-3.482	-7.337	-3.482	-7.094	14.59	14.84	Si
					SLV 6	-3.279	-7.315	-3.279	-6.945	14.44	14.82	Si
					SLV 7	-1.602	6.829	-1.601	6.893	0.61	0.67	Si
					SLV 8	-1.399	6.85	-1.399	7.042	0.46	0.65	Si
					SLV 9	1.671	-6.848	1.671	-6.87	14.35	14.37	Si
					SLV 10	1.874	-6.826	1.873	-6.72	14.22	14.33	Si
					SLV 11	3.552	7.318	3.551	7.117	0.18	0.38	Si
					SLV 12	3.754	7.34	3.754	7.266	0.16	0.23	Si
					SLV 13	8.32	-1.321	8.319	-1.728	8.82	9.23	Si
					SLV 14	8.565	-1.295	8.564	-1.548	8.8	9.05	Si
					SLV 15	8.884	2.928	8.883	2.468	4.57	5.04	Si
					SLV 16	9.13	2.955	9.128	2.648	4.55	4.86	Si
SLV 4	0	0	0	0	SLV 1	-8.857	-2.952	-8.856	-2.476	9.98	10.46	Si
					SLV 2	-8.612	-2.926	-8.611	-2.295	9.8	10.43	Si
					SLV 3	-8.293	1.298	-8.292	1.72	5.78	6.21	Si
					SLV 4	-8.048	1.324	-8.047	1.901	5.6	6.18	Si
					SLV 5	-3.482	-7.337	-3.482	-7.094	14.59	14.84	Si
					SLV 6	-3.279	-7.315	-3.279	-6.945	14.44	14.82	Si
					SLV 7	-1.602	6.829	-1.601	6.893	0.61	0.67	Si
					SLV 8	-1.399	6.85	-1.399	7.042	0.46	0.65	Si
					SLV 9	1.671	-6.848	1.671	-6.87	14.35	14.37	Si
					SLV 10	1.874	-6.826	1.873	-6.72	14.22	14.33	Si
					SLV 11	3.552	7.318	3.551	7.117	0.18	0.38	Si
					SLV 12	3.754	7.34	3.754	7.266	0.16	0.23	Si
					SLV 13	8.32	-1.321	8.319	-1.728	8.82	9.23	Si
					SLV 14	8.565	-1.295	8.564	-1.548	8.8	9.05	Si
					SLV 15	8.884	2.928	8.883	2.468	4.57	5.04	Si
					SLV 16	9.13	2.955	9.128	2.648	4.55	4.86	Si
SLV 5	0	0	0	0	SLV 1	-8.857	-2.952	-8.856	-2.476	9.98	10.46	Si
					SLV 2	-8.612	-2.926	-8.611	-2.295	9.8	10.43	Si
					SLV 3	-8.293	1.298	-8.292	1.72	5.78	6.21	Si
					SLV 4	-8.048	1.324	-8.047	1.901	5.6	6.18	Si
					SLV 5	-3.482	-7.337	-3.482	-7.094	14.59	14.84	Si
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					SLV 7	-1.602	6.829	-1.601	6.893	0.61	0.67	Si
					SLV 8	-1.399	6.85	-1.399	7.042	0.46	0.65	Si
					SLV 9	1.671	-6.848	1.671	-6.87	14.35	14.37	Si
					SLV 10	1.874	-6.826	1.873	-6.72	14.22	14.33	Si
					SLV 11	3.552	7.318	3.551	7.117	0.18	0.38	Si
					SLV 12	3.754	7.34	3.754	7.266	0.16	0.23	Si
					SLV 13	8.32	-1.321	8.319	-1.728	8.82	9.23	Si
					SLV 14	8.565	-1.295	8.564	-1.548	8.8	9.05	Si
					SLV 15	8.884	2.928	8.883	2.468	4.57	5.04	Si
					SLV 16	9.13	2.955	9.128	2.648	4.55	4.86	Si
SLV 6	0	0	0	0	SLV 1	-8.857	-2.952	-8.856	-2.476	9.98	10.46	Si
					SLV 2	-8.612	-2.926	-8.611	-2.295	9.8	10.43	Si
					SLV 3	-8.293	1.298	-8.292	1.72	5.78	6.21	Si
					SLV 4	-8.048	1.324	-8.047	1.901	5.6	6.18	Si
					SLV 5	-3.482	-7.337	-3.482	-7.094	14.59	14.84	Si
					SLV 6	-3.279	-7.315	-3.279	-6.945	14.44	14.82	Si
					SLV 7	-1.602	6.829	-1.601	6.893	0.61	0.67	Si
					SLV 8	-1.399	6.85	-1.399	7.042	0.46	0.65	Si
					SLV 9	1.671	-6.848	1.671	-6.87	14.35	14.37	Si
					SLV 10	1.874	-6.826	1.873	-6.72	14.22	14.33	Si
					SLV 11	3.552	7.318	3.551	7.117	0.18	0.38	Si
					SLV 12	3.754	7.34	3.754	7.266	0.16	0.23	Si
					SLV 13	8.32	-1.321	8.319	-1.728	8.82	9.23	Si
					SLV 14	8.565	-1.295	8.564	-1.548	8.8	9.05	Si
					SLV 15	8.884	2.928	8.883	2.468	4.57	5.04	Si
					SLV 16	9.13	2.955	9.128	2.648	4.55	4.86	Si
SLV 7	0	0	0	0	SLV 1	-8.857	-2.952	-8.856	-2.476	9.98	10.46	Si
					SLV 2	-8.612	-2.926	-8.611	-2.295	9.8	10.43	Si
					SLV 3	-8.293	1.298	-8.292	1.72	5.78	6.21	Si
					SLV 4	-8.048	1.324	-8.047	1.901	5.6	6.18	Si
					SLV 5	-3.482	-7.337	-3.482	-7.094	14.59	14.84	Si
					SLV 6	-3.279	-7.315	-3.279	-6.945	14.44	14.82	Si
					SLV 7	-1.602	6.829	-1.601	6.893	0.61	0.67	Si
					SLV 8	-1.399	6.85	-1.399	7.042	0.46	0.65	Si
					SLV 9	1.671	-6.848	1.671	-6.87	14.35	14.37	Si
					SLV 10	1.874	-6.826	1.873	-6.72	14.22	14.33	Si
					SLV 11	3.552	7.318	3.551	7.117	0.18	0.38	Si
					SLV 12	3.754	7.34	3.754	7.266	0.16	0.23	Si
					SLV 13	8.32	-1.321	8.319	-1.728	8.82	9.23	Si
					SLV 14	8.565	-1.295	8.564	-1.548	8.8	9.05	Si
					SLV 15	8.884	2.928	8.883	2.468	4.57	5.04	Si
					SLV 16	9.13	2.955	9.128	2.648	4.55	4.86	Si
SLV 8	0	0	0	0	SLV 1	-8.857	-2.952	-8.856	-2.476	9.98	10.46	Si
					SLV 2	-8.612	-2.926	-8.611	-2.295	9.8	10.43	Si
					SLV 3	-8.293	1.298	-8.292	1.72	5.78	6.21	Si
					SLV 4	-8.048	1.324	-8.047	1.901	5.6	6.18	Si
					SLV 5	-3.482	-7.337	-3.482	-7.094	14.59	14.84	Si
					SLV 6	-3.279	-7.315	-3.279	-6.945	14.44	14.82	Si
					SLV 7	-1.602	6.829	-1.601	6.893	0.61	0.67	Si
					SLV 8	-1.399	6.85	-1.399	7.042	0.46	0.65	Si
					SLV 9	1.671	-6.848	1.671	-6.87	14.35	14.37	Si
					SLV 10	1.874	-6.826	1.873	-6.72	14.22	14.33	Si
					SLV 11	3.552	7.318	3.551	7.117	0.18	0.38	Si
					SLV 12	3.754	7.34	3.754	7.266	0.16	0.23	Si

Bordo sinistro					Bordo destro					Larghezza		Verifica
Comb.	SpostIx	SpostIy	SpostJx	SpostJy	Comb.	SpostIx	SpostIy	SpostJx	SpostJy	Min	Max	
					SLV 13	8.32	-1.321	8.319	-1.728	8.82	9.23	Si
					SLV 14	8.565	-1.295	8.564	-1.548	8.8	9.05	Si
					SLV 15	8.884	2.928	8.883	2.468	4.57	5.04	Si
					SLV 16	9.13	2.955	9.128	2.648	4.55	4.86	Si
SLV 9	0	0	0	0	SLV 1	-8.857	-2.952	-8.856	-2.476	9.98	10.46	Si
					SLV 2	-8.612	-2.926	-8.611	-2.295	9.8	10.43	Si
					SLV 3	-8.293	1.298	-8.292	1.72	5.78	6.21	Si
					SLV 4	-8.048	1.324	-8.047	1.901	5.6	6.18	Si
					SLV 5	-3.482	-7.337	-3.482	-7.094	14.59	14.84	Si
					SLV 6	-3.279	-7.315	-3.279	-6.945	14.44	14.82	Si
					SLV 7	-1.602	6.829	-1.601	6.893	0.61	0.67	Si
					SLV 8	-1.399	6.85	-1.399	7.042	0.46	0.65	Si
					SLV 9	1.671	-6.848	1.671	-6.87	14.35	14.37	Si
					SLV 10	1.874	-6.826	1.873	-6.72	14.22	14.33	Si
					SLV 11	3.552	7.318	3.551	7.117	0.18	0.38	Si
					SLV 12	3.754	7.34	3.754	7.266	0.16	0.23	Si
					SLV 13	8.32	-1.321	8.319	-1.728	8.82	9.23	Si
					SLV 14	8.565	-1.295	8.564	-1.548	8.8	9.05	Si
					SLV 15	8.884	2.928	8.883	2.468	4.57	5.04	Si
					SLV 16	9.13	2.955	9.128	2.648	4.55	4.86	Si
SLV 10	0	0	0	0	SLV 1	-8.857	-2.952	-8.856	-2.476	9.98	10.46	Si
					SLV 2	-8.612	-2.926	-8.611	-2.295	9.8	10.43	Si
					SLV 3	-8.293	1.298	-8.292	1.72	5.78	6.21	Si
					SLV 4	-8.048	1.324	-8.047	1.901	5.6	6.18	Si
					SLV 5	-3.482	-7.337	-3.482	-7.094	14.59	14.84	Si
					SLV 6	-3.279	-7.315	-3.279	-6.945	14.44	14.82	Si
					SLV 7	-1.602	6.829	-1.601	6.893	0.61	0.67	Si
					SLV 8	-1.399	6.85	-1.399	7.042	0.46	0.65	Si
					SLV 9	1.671	-6.848	1.671	-6.87	14.35	14.37	Si
					SLV 10	1.874	-6.826	1.873	-6.72	14.22	14.33	Si
					SLV 11	3.552	7.318	3.551	7.117	0.18	0.38	Si
					SLV 12	3.754	7.34	3.754	7.266	0.16	0.23	Si
					SLV 13	8.32	-1.321	8.319	-1.728	8.82	9.23	Si
					SLV 14	8.565	-1.295	8.564	-1.548	8.8	9.05	Si
					SLV 15	8.884	2.928	8.883	2.468	4.57	5.04	Si
					SLV 16	9.13	2.955	9.128	2.648	4.55	4.86	Si
SLV 11	0	0	0	0	SLV 1	-8.857	-2.952	-8.856	-2.476	9.98	10.46	Si
					SLV 2	-8.612	-2.926	-8.611	-2.295	9.8	10.43	Si
					SLV 3	-8.293	1.298	-8.292	1.72	5.78	6.21	Si
					SLV 4	-8.048	1.324	-8.047	1.901	5.6	6.18	Si
					SLV 5	-3.482	-7.337	-3.482	-7.094	14.59	14.84	Si
					SLV 6	-3.279	-7.315	-3.279	-6.945	14.44	14.82	Si
					SLV 7	-1.602	6.829	-1.601	6.893	0.61	0.67	Si
					SLV 8	-1.399	6.85	-1.399	7.042	0.46	0.65	Si
					SLV 9	1.671	-6.848	1.671	-6.87	14.35	14.37	Si
					SLV 10	1.874	-6.826	1.873	-6.72	14.22	14.33	Si
					SLV 11	3.552	7.318	3.551	7.117	0.18	0.38	Si
					SLV 12	3.754	7.34	3.754	7.266	0.16	0.23	Si
					SLV 13	8.32	-1.321	8.319	-1.728	8.82	9.23	Si
					SLV 14	8.565	-1.295	8.564	-1.548	8.8	9.05	Si
					SLV 15	8.884	2.928	8.883	2.468	4.57	5.04	Si
					SLV 16	9.13	2.955	9.128	2.648	4.55	4.86	Si
SLV 12	0	0	0	0	SLV 1	-8.857	-2.952	-8.856	-2.476	9.98	10.46	Si
					SLV 2	-8.612	-2.926	-8.611	-2.295	9.8	10.43	Si
					SLV 3	-8.293	1.298	-8.292	1.72	5.78	6.21	Si
					SLV 4	-8.048	1.324	-8.047	1.901	5.6	6.18	Si
					SLV 5	-3.482	-7.337	-3.482	-7.094	14.59	14.84	Si
					SLV 6	-3.279	-7.315	-3.279	-6.945	14.44	14.82	Si
					SLV 7	-1.602	6.829	-1.601	6.893	0.61	0.67	Si
					SLV 8	-1.399	6.85	-1.399	7.042	0.46	0.65	Si
					SLV 9	1.671	-6.848	1.671	-6.87	14.35	14.37	Si
					SLV 10	1.874	-6.826	1.873	-6.72	14.22	14.33	Si
					SLV 11	3.552	7.318	3.551	7.117	0.18	0.38	Si
					SLV 12	3.754	7.34	3.754	7.266	0.16	0.23	Si
					SLV 13	8.32	-1.321	8.319	-1.728	8.82	9.23	Si
					SLV 14	8.565	-1.295	8.564	-1.548	8.8	9.05	Si
					SLV 15	8.884	2.928	8.883	2.468	4.57	5.04	Si
					SLV 16	9.13	2.955	9.128	2.648	4.55	4.86	Si
SLV 13	0	0	0	0	SLV 1	-8.857	-2.952	-8.856	-2.476	9.98	10.46	Si
					SLV 2	-8.612	-2.926	-8.611	-2.295	9.8	10.43	Si
					SLV 3	-8.293	1.298	-8.292	1.72	5.78	6.21	Si
					SLV 4	-8.048	1.324	-8.047	1.901	5.6	6.18	Si
					SLV 5	-3.482	-7.337	-3.482	-7.094	14.59	14.84	Si
					SLV 6	-3.279	-7.315	-3.279	-6.945	14.44	14.82	Si
					SLV 7	-1.602	6.829	-1.601	6.893	0.61	0.67	Si
					SLV 8	-1.399	6.85	-1.399	7.042	0.46	0.65	Si
					SLV 9	1.671	-6.848	1.671	-6.87	14.35	14.37	Si
					SLV 10	1.874	-6.826	1.873	-6.72	14.22	14.33	Si
					SLV 11	3.552	7.318	3.551	7.117	0.18	0.38	Si
					SLV 12	3.754	7.34	3.754	7.266	0.16	0.23	Si
					SLV 13	8.32	-1.321	8.319	-1.728	8.82	9.23	Si
					SLV 14	8.565	-1.295	8.564	-1.548	8.8	9.05	Si
					SLV 15	8.884	2.928	8.883	2.468	4.57	5.04	Si
					SLV 16	9.13	2.955	9.128	2.648	4.55	4.86	Si
SLV 14	0	0	0	0	SLV 1	-8.857	-2.952	-8.856	-2.476	9.98	10.46	Si
					SLV 2	-8.612	-2.926	-8.611	-2.295	9.8	10.43	Si
					SLV 3	-8.293	1.298	-8.292	1.72	5.78	6.21	Si
					SLV 4	-8.048	1.324	-8.047	1.901	5.6	6.18	Si
					SLV 5	-3.482	-7.337	-3.482	-7.094	14.59	14.84	Si
					SLV 6	-3.279	-7.315	-3.279	-6.945	14.44	14.82	Si
					SLV 7	-1.602	6.829	-1.601	6.893	0.61	0.67	Si
					SLV 8	-1.399	6.85	-1.399	7.042	0.46	0.65	Si
					SLV 9	1.671	-6.848	1.671	-6.87	14.35	14.37	Si
					SLV 10	1.874	-6.826	1.873	-6.72	14.22	14.33	Si
					SLV 11	3.552	7.318	3.551	7.117	0.18	0.38	Si
					SLV 12	3.754	7.34	3.754	7.266	0.16	0.23	Si
					SLV 13	8.32	-1.321	8.319	-1.728	8.82	9.23	Si
					SLV 14	8.565	-1.295	8.564	-1.548	8.8	9.05	Si
					SLV 15	8.884	2.928	8.883	2.468	4.57	5.04	Si
					SLV 16	9.13	2.955	9.128	2.648	4.55	4.86	Si

Bordo sinistro					Bordo destro					Larghezza		Verifica
Comb.	SpostIx	SpostIy	SpostJx	SpostJy	Comb.	SpostIx	SpostIy	SpostJx	SpostJy	Min	Max	
SLV 15	0	0	0	0	SLV 1	-8.857	-2.952	-8.856	-2.476	9.98	10.46	Si
					SLV 2	-8.612	-2.926	-8.611	-2.295	9.8	10.43	Si
					SLV 3	-8.293	1.298	-8.292	1.72	5.78	6.21	Si
					SLV 4	-8.048	1.324	-8.047	1.901	5.6	6.18	Si
					SLV 5	-3.482	-7.337	-3.482	-7.094	14.59	14.84	Si
					SLV 6	-3.279	-7.315	-3.279	-6.945	14.44	14.82	Si
					SLV 7	-1.602	6.829	-1.601	6.893	0.61	0.67	Si
					SLV 8	-1.399	6.85	-1.399	7.042	0.46	0.65	Si
					SLV 9	1.671	-6.848	1.671	-6.87	14.35	14.37	Si
					SLV 10	1.874	-6.826	1.873	-6.72	14.22	14.33	Si
					SLV 11	3.552	7.318	3.551	7.117	0.18	0.38	Si
					SLV 12	3.754	7.34	3.754	7.266	0.16	0.23	Si
					SLV 13	8.32	-1.321	8.319	-1.728	8.82	9.23	Si
					SLV 14	8.565	-1.295	8.564	-1.548	8.8	9.05	Si
					SLV 15	8.884	2.928	8.883	2.468	4.57	5.04	Si
					SLV 16	9.13	2.955	9.128	2.648	4.55	4.86	Si
SLV 16	0	0	0	0	SLV 1	-8.857	-2.952	-8.856	-2.476	9.98	10.46	Si
					SLV 2	-8.612	-2.926	-8.611	-2.295	9.8	10.43	Si
					SLV 3	-8.293	1.298	-8.292	1.72	5.78	6.21	Si
					SLV 4	-8.048	1.324	-8.047	1.901	5.6	6.18	Si
					SLV 5	-3.482	-7.337	-3.482	-7.094	14.59	14.84	Si
					SLV 6	-3.279	-7.315	-3.279	-6.945	14.44	14.82	Si
					SLV 7	-1.602	6.829	-1.601	6.893	0.61	0.67	Si
					SLV 8	-1.399	6.85	-1.399	7.042	0.46	0.65	Si
					SLV 9	1.671	-6.848	1.671	-6.87	14.35	14.37	Si
					SLV 10	1.874	-6.826	1.873	-6.72	14.22	14.33	Si
					SLV 11	3.552	7.318	3.551	7.117	0.18	0.38	Si
					SLV 12	3.754	7.34	3.754	7.266	0.16	0.23	Si
					SLV 13	8.32	-1.321	8.319	-1.728	8.82	9.23	Si
					SLV 14	8.565	-1.295	8.564	-1.548	8.8	9.05	Si
					SLV 15	8.884	2.928	8.883	2.468	4.57	5.04	Si
					SLV 16	9.13	2.955	9.128	2.648	4.55	4.86	Si

Valutazione larghezza giunto nelle combinazioni SLO

Bordo sinistro					Bordo destro					Larghezza		Verifica
Comb.	SpostIx	SpostIy	SpostJx	SpostJy	Comb.	SpostIx	SpostIy	SpostJx	SpostJy	Min	Max	
SLO 1	0	0	0	0	SLO 1	-3.081	-1.053	-3.08	-0.826	8.33	8.55	Si
					SLO 2	-2.992	-1.043	-2.991	-0.761	8.26	8.54	Si
					SLO 3	-2.88	0.465	-2.879	0.673	6.83	7.04	Si
					SLO 4	-2.791	0.475	-2.79	0.739	6.76	7.03	Si
					SLO 5	-1.157	-2.62	-1.157	-2.479	9.98	10.12	Si
					SLO 6	-1.084	-2.612	-1.084	-2.424	9.92	10.11	Si
					SLO 7	-0.487	2.441	-0.487	2.519	4.98	5.06	Si
					SLO 8	-0.413	2.449	-0.413	2.573	4.93	5.05	Si
					SLO 9	0.686	-2.446	0.686	-2.401	9.9	9.95	Si
					SLO 10	0.759	-2.438	0.759	-2.346	9.85	9.94	Si
					SLO 11	1.356	2.615	1.356	2.597	4.88	4.9	Si
					SLO 12	1.43	2.623	1.43	2.651	4.85	4.88	Si
					SLO 13	3.063	-0.472	3.062	-0.566	7.97	8.07	Si
					SLO 14	3.152	-0.463	3.152	-0.5	7.96	8	Si
					SLO 15	3.264	1.046	3.263	0.933	6.45	6.57	Si
					SLO 16	3.353	1.056	3.353	0.999	6.44	6.5	Si
SLO 2	0	0	0	0	SLO 1	-3.081	-1.053	-3.08	-0.826	8.33	8.55	Si
					SLO 2	-2.992	-1.043	-2.991	-0.761	8.26	8.54	Si
					SLO 3	-2.88	0.465	-2.879	0.673	6.83	7.04	Si
					SLO 4	-2.791	0.475	-2.79	0.739	6.76	7.03	Si
					SLO 5	-1.157	-2.62	-1.157	-2.479	9.98	10.12	Si
					SLO 6	-1.084	-2.612	-1.084	-2.424	9.92	10.11	Si
					SLO 7	-0.487	2.441	-0.487	2.519	4.98	5.06	Si
					SLO 8	-0.413	2.449	-0.413	2.573	4.93	5.05	Si
					SLO 9	0.686	-2.446	0.686	-2.401	9.9	9.95	Si
					SLO 10	0.759	-2.438	0.759	-2.346	9.85	9.94	Si
					SLO 11	1.356	2.615	1.356	2.597	4.88	4.9	Si
					SLO 12	1.43	2.623	1.43	2.651	4.85	4.88	Si
					SLO 13	3.063	-0.472	3.062	-0.566	7.97	8.07	Si
					SLO 14	3.152	-0.463	3.152	-0.5	7.96	8	Si
					SLO 15	3.264	1.046	3.263	0.933	6.45	6.57	Si
					SLO 16	3.353	1.056	3.353	0.999	6.44	6.5	Si
SLO 3	0	0	0	0	SLO 1	-3.081	-1.053	-3.08	-0.826	8.33	8.55	Si
					SLO 2	-2.992	-1.043	-2.991	-0.761	8.26	8.54	Si
					SLO 3	-2.88	0.465	-2.879	0.673	6.83	7.04	Si
					SLO 4	-2.791	0.475	-2.79	0.739	6.76	7.03	Si
					SLO 5	-1.157	-2.62	-1.157	-2.479	9.98	10.12	Si
					SLO 6	-1.084	-2.612	-1.084	-2.424	9.92	10.11	Si
					SLO 7	-0.487	2.441	-0.487	2.519	4.98	5.06	Si
					SLO 8	-0.413	2.449	-0.413	2.573	4.93	5.05	Si
					SLO 9	0.686	-2.446	0.686	-2.401	9.9	9.95	Si
					SLO 10	0.759	-2.438	0.759	-2.346	9.85	9.94	Si
					SLO 11	1.356	2.615	1.356	2.597	4.88	4.9	Si
					SLO 12	1.43	2.623	1.43	2.651	4.85	4.88	Si
					SLO 13	3.063	-0.472	3.062	-0.566	7.97	8.07	Si
					SLO 14	3.152	-0.463	3.152	-0.5	7.96	8	Si
					SLO 15	3.264	1.046	3.263	0.933	6.45	6.57	Si
					SLO 16	3.353	1.056	3.353	0.999	6.44	6.5	Si
SLO 4	0	0	0	0	SLO 1	-3.081	-1.053	-3.08	-0.826	8.33	8.55	Si
					SLO 2	-2.992	-1.043	-2.991	-0.761	8.26	8.54	Si
					SLO 3	-2.88	0.465	-2.879	0.673	6.83	7.04	Si
					SLO 4	-2.791	0.475	-2.79	0.739	6.76	7.03	Si
					SLO 5	-1.157	-2.62	-1.157	-2.479	9.98	10.12	Si
					SLO 6	-1.084	-2.612	-1.084	-2.424	9.92	10.11	Si
					SLO 7	-0.487	2.441	-0.487	2.519	4.98	5.06	Si
					SLO 8	-0.413	2.449	-0.413	2.573	4.93	5.05	Si
					SLO 9	0.686	-2.446	0.686	-2.401	9.9	9.95	Si
					SLO 10	0.759	-2.438	0.759	-2.346	9.85	9.94	Si
					SLO 11	1.356	2.615	1.356	2.597	4.88	4.9	Si
					SLO 12	1.43	2.623	1.43	2.651	4.85	4.88	Si
					SLO 13	3.063	-0.472	3.062	-0.566	7.97	8.07	Si
					SLO 14	3.152	-0.463	3.152	-0.5	7.96	8	Si
					SLO 15	3.264	1.046	3.263	0.933	6.45	6.57	Si
					SLO 16	3.353	1.056	3.353	0.999	6.44	6.5	Si
SLO 5	0	0	0	0	SLO 1	-3.081	-1.053	-3.08	-0.826	8.33	8.55	Si

Bordo sinistro					Bordo destro					Larghezza		Verifica
Comb.	SpostIx	SpostIy	SpostJx	SpostJy	Comb.	SpostIx	SpostIy	SpostJx	SpostJy	Min	Max	
					SLO 2	-2.992	-1.043	-2.991	-0.761	8.26	8.54	Si
					SLO 3	-2.88	0.465	-2.879	0.673	6.83	7.04	Si
					SLO 4	-2.791	0.475	-2.79	0.739	6.76	7.03	Si
					SLO 5	-1.157	-2.62	-1.157	-2.479	9.98	10.12	Si
					SLO 6	-1.084	-2.612	-1.084	-2.424	9.92	10.11	Si
					SLO 7	-0.487	2.441	-0.487	2.519	4.98	5.06	Si
					SLO 8	-0.413	2.449	-0.413	2.573	4.93	5.05	Si
					SLO 9	0.686	-2.446	0.686	-2.401	9.9	9.95	Si
					SLO 10	0.759	-2.438	0.759	-2.346	9.85	9.94	Si
					SLO 11	1.356	2.615	1.356	2.597	4.88	4.9	Si
					SLO 12	1.43	2.623	1.43	2.651	4.85	4.88	Si
					SLO 13	3.063	-0.472	3.062	-0.566	7.97	8.07	Si
					SLO 14	3.152	-0.463	3.152	-0.5	7.96	8	Si
					SLO 15	3.264	1.046	3.263	0.933	6.45	6.57	Si
					SLO 16	3.353	1.056	3.353	0.999	6.44	6.5	Si
SLO 6	0	0	0	0	SLO 1	-3.081	-1.053	-3.08	-0.826	8.33	8.55	Si
					SLO 2	-2.992	-1.043	-2.991	-0.761	8.26	8.54	Si
					SLO 3	-2.88	0.465	-2.879	0.673	6.83	7.04	Si
					SLO 4	-2.791	0.475	-2.79	0.739	6.76	7.03	Si
					SLO 5	-1.157	-2.62	-1.157	-2.479	9.98	10.12	Si
					SLO 6	-1.084	-2.612	-1.084	-2.424	9.92	10.11	Si
					SLO 7	-0.487	2.441	-0.487	2.519	4.98	5.06	Si
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					SLO 16	3.353	1.056	3.353	0.999	6.44	6.5	Si
SLO 7	0	0	0	0	SLO 1	-3.081	-1.053	-3.08	-0.826	8.33	8.55	Si
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SLO 8	0	0	0	0	SLO 1	-3.081	-1.053	-3.08	-0.826	8.33	8.55	Si
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					SLO 16	3.353	1.056	3.353	0.999	6.44	6.5	Si
SLO 9	0	0	0	0	SLO 1	-3.081	-1.053	-3.08	-0.826	8.33	8.55	Si
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SLO 10	0	0	0	0	SLO 1	-3.081	-1.053	-3.08	-0.826	8.33	8.55	Si
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SLO 11	0	0	0	0	SLO 1	-3.081	-1.053	-3.08	-0.826	8.33	8.55	Si
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					SLO 5	-1.157	-2.62	-1.157	-2.479	9.98	10.12	Si

Bordo sinistro					Bordo destro					Larghezza		Verifica
Comb.	SpostIx	SpostIy	SpostJx	SpostJy	Comb.	SpostIx	SpostIy	SpostJx	SpostJy	Min	Max	
					SLO 6	-1.084	-2.612	-1.084	-2.424	9.92	10.11	Si
					SLO 7	-0.487	2.441	-0.487	2.519	4.98	5.06	Si
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SLO 12	0	0	0	0	SLO 1	-3.081	-1.053	-3.08	-0.826	8.33	8.55	Si
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