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TITLE*: CALCOLI PRELIMINARI DI DIMENSIONAMENTO DELLE STRUTTURE** ***AVAILABLE LANGUAGE: **IT**

CALCOLI PRELIMINARI DI DIMENSIONAMENTO DELLE STRUTTURE

Progetto di un impianto agrivoltaico della potenza complessiva di 103.314,00 kW_p con sistema di accumulo di capacità pari a 20 MW e relative opere di connessione alla rete.

Da realizzarsi nei Comuni di Foggia, Manfredonia (FG) e Zapponeta (FG)

Dott. Ing. VITO BRETTI ORDINE INGEGNERI ROMA A 23403

Vito Bretti
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00	07/02/2023	***Emissione Definitiva***	M. Pasciucco	L. Spaccino A.Fata	V.Bretti

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COLLABORATORS	VERIFIED BY	VALIDATE BY

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CLASSIFICATION	*For Information or For Validation*	***UTILIZATION SCOPE***	*Basic Design*

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1.0 INDICAZIONI GENERALI

1.1 Struttura

Legge 5 novembre 1971 N. 1086 - Norme per la disciplina delle opere in conglomerato cementizio armato normale e precompresso ed a struttura metallica.

Decreto Ministeriale 17/01/2018 – Aggiornamento delle Norme tecniche per le Costruzioni.

Circolare Esplicativa 21/01/2019 – Istruzioni per l'applicazione dell'aggiornamento delle Norme tecniche per le Costruzioni D.M. 17/01/2018.

1.2 Norme di cui è consentita l'applicazione ai sensi del cap. 12 del D.M. 17/01/2018

UNI EN 1990: 2006 - Eurocodice 1 – Criteri generali di progettazione strutturale.

UNI ENV 1991-1-1: 2010; -1-2; 1-3; 1-4; 1.5; Azioni sulla struttura.

Eurocodice 2 - Progettazione delle strutture in calcestruzzo.

UNI ENV 1992-1-1 Parte 1-1: Regole generali e regole per gli edifici.

Eurocodice 3 – Progettazione delle strutture in acciaio.

UNI ENV 1993-1-1 - Parte 1-1: Regole generali e regole per gli edifici.

UNI EN 206:2016 - Calcestruzzo. Specificazioni, prestazioni, produzione e conformità.

Servizio Tecnico Centrale del Ministero dei Lavori Pubblici – "Linee Guida sul calcestruzzo strutturale"

Circ. MIN.LL.PP. N.11951 del 14 febbraio 1992 - Circolare illustrativa della legge N. 1086.

1.3 Carichi e sovraccarichi

Decreto Ministeriale 17/01/2018 – Aggiornamento delle Norme tecniche per le Costruzioni.

Circolare Esplicativa 21/01/2019 – Istruzioni per l'applicazione dell'aggiornamento delle Norme tecniche per le Costruzioni D.M. 17/01/2018.

1.4 Terreni e fondazione

Decreto Ministeriale 17/01/2018 – Aggiornamento delle Norme tecniche per le Costruzioni.

Circolare Esplicativa 21/01/2019 – Istruzioni per l'applicazione dell'aggiornamento delle Norme tecniche per le Costruzioni D.M. 17/01/2018.

D.M. 11 marzo 1988 – Norme tecniche riguardanti le indagini sui terreni e sulle rocce, la stabilità dei pendii naturali e delle scarpate, i criteri generali e le prescrizioni per la progettazione, l'esecuzione ed il collaudo delle opere di sostegno delle terre e delle opere di fondazione.

Circ. MIN.LL.PP. N.30483 del 24 settembre 1988 - Istruzioni riguardanti le indagini sui terreni e sulle rocce, la stabilità dei pendii naturali e delle scarpate, i criteri generali e le prescrizioni per la progettazione, l'esecuzione ed il collaudo delle opere di sostegno delle terre.

1.5 Norme generali di riferimento

"*Linee guida in materia di impianti agrivoltaici*", Ministero della Transizione Ecologica - Dipartimento per l'energia.

LEGGE 29 luglio 2021, n. 108 "*Conversione in legge, con modificazioni, del decreto-legge 31 maggio 2021, n. 77, recante governance del Piano nazionale di ripresa e resilienza e prime misure di rafforzamento delle strutture amministrative e di accelerazione e snellimento delle procedure"*.

"Consultazione pubblica Misura PNRR Sviluppo Agrivoltaico: Piano di Ripresa e Resilienza, Missione 2 (Rivoluzione verde e Transizione ecologica), Componente 2 (Energia rinnovabile, idrogeno, rete e mobilità sostenibile), Investimento 1.1 (Sviluppo Agrovoltaico)".

"Piano Nazionale Integrato per l'Energia e il Clima 2030 (PNIEC)", Ministero dello Sviluppo Economico (PNIEC_finale_17012020.pdf (mise.gov.it)).

D.Lgs. 8 novembre 2021, n. 199, di recepimento della direttiva UE 2018/2001 del Parlamento europeo e del Consiglio sulla promozione dell'uso dell'energia da fonti rinnovabili (*Direttiva RED II*).

2.0 DESCRIZIONE GENERALE DEL PROGETTO

2.1 Generalità

La presente relazione riguarda il dimensionamento e le verifiche preliminari lato struttura (STR) delle strutture previste per il progetto definitivo, proposto da Foggia Solar S.r.l., che prevede la realizzazione di un impianto agrivoltaico con sistema di accumulo denominato "Foggia-Manfredonia", localizzato nei Comuni di Foggia, Manfredonia e Zapponeta in Provincia di Foggia.

L'impianto, installato a terra, con potenza di picco pari a 103.314,00 kW_p ed integrato da un sistema di accumulo da 20 MW, è destinato ad essere collegato in antenna a 150 kV su un futuro ampliamento della Stazione Elettrica a 380/150 kV della RTN di Manfredonia come indicato nella Soluzione Tecnica Minima Generale (STMG) fornita dal distributore di rete.

Viene quindi prevista, ai fini della connessione sopra descritta, la realizzazione di una Sottostazione Elettrica di Utenza per l'innalzamento della potenza da MT ad AT, nei pressi della SE di Manfredonia.

L'agrivoltaico prevede l'integrazione della tecnologia fotovoltaica nell'attività agricola permettendo di produrre energia e al contempo di continuare la coltivazione delle colture agricole o l'allevamento di animali sui terreni interessati.

I criteri generali adottati per lo sviluppo del presente progetto sono in linea con le prescrizioni contenute nel quadro normativo di riferimento per tali interventi.

La presente relazione tecnica ha carattere di preliminare e per tale motivo si rimanda alle specifiche tecniche dei produttori/fornitori delle strutture porta moduli, delle componentistiche e delle strutture prefabbricate, scelti in fase successiva, per le caratteristiche delle stesse. Pertanto, il calcolo fornisce una prima indicazione per caratterizzare dimensioni, sezioni e caratteristiche dei materiali delle strutture oggetto di progettazione, le assunzioni ed ipotesi alla base della presente progettazione dovranno essere verificate nelle successive fasi di progettazione di concerto con i produttori/fornitori delle strutture.

In linea generale, si prevede l'infissione delle strutture porta-moduli nel terreno mediante battipalo, per una profondità non inferiore ai 2,5 m.

Tuttavia, le fondazioni delle strutture porta moduli fotovoltaici, ed in particolare la lunghezza di infissione dei pali, saranno definite nelle successive fasi di progettazione (ingegneria di dettaglio), a seguito dell'individuazione del fornitore della struttura porta-moduli, della definizione finale delle caratteristiche tecniche e geometriche della struttura e dell'esecuzione di specifiche prove di campo (pull-out test).

Nel presente documento si riportano le verifiche lato struttura dei tracker porta moduli, delle platee di fondazione in cemento armato delle componenti appartenenti all'impianto BESS, delle platee di fondazione in cemento armato della cabina di raccolta e della cabina scada, del locale interrato a servizio del locale utente, della platea di fondazione per il posizionamento dei trasformatori MT/BT e della platea di fondazione per il posizionamento del trasformatore MT/AT previsti per la realizzazione dell'impianto oggetto di progettazione.

Si rimanda all'elaborato FOM.ENG.REL.003_RELAZIONE TECNICA per i dettagli riguardanti il layout di impianto ed all'elaborato FOM.ENG.REL.0011_RELAZIONE GEOTECNICA per i dettagli riguardanti le verifiche ed il calcolo lato geotecnico (GEO) delle opere in progetto.

Si riportano in sintesi le caratteristiche generali inserite nel codice di calcolo:

Intestazione del lavoro	Foggia Manfredonia
Tipo di struttura	Nello Spazio
Tipo di analisi	Statica e Sismica
Tipo di soluzione	Lineare
Unita' di misura delle forze	daN – kg
Unita' di misura delle lunghezze	cm – m
Normativa	NTC 2018

2.2 Descrizione delle strutture tracker

Nel seguito si riporta una breve descrizione delle strutture tracker progettate.

2.2.1 Struttura 2x15

La struttura sarà caratterizzata dai seguenti elementi (Vedi Figura 1 e Figura 2):

1) Telaio Principale, composto da:
   a. Montante – sezione HEA 240;
   b. Trave principale – sezione 200x200x8;

2) Travi secondarie porta pannelli – sezione 150×100×8.

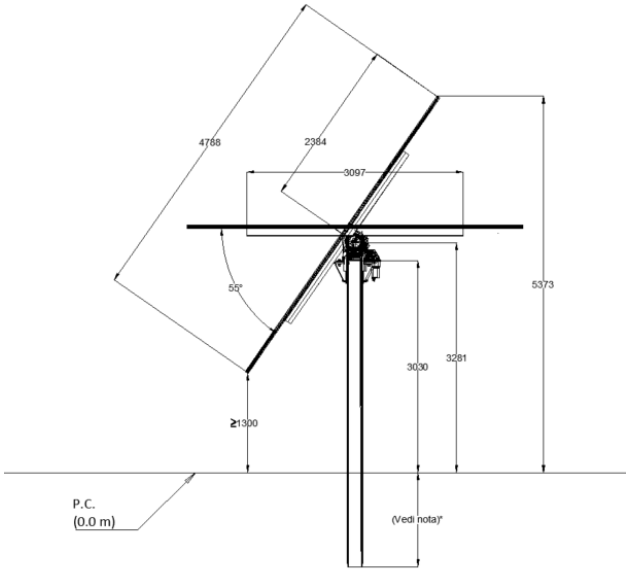


Figure 1: Telaio trasversale Tracker

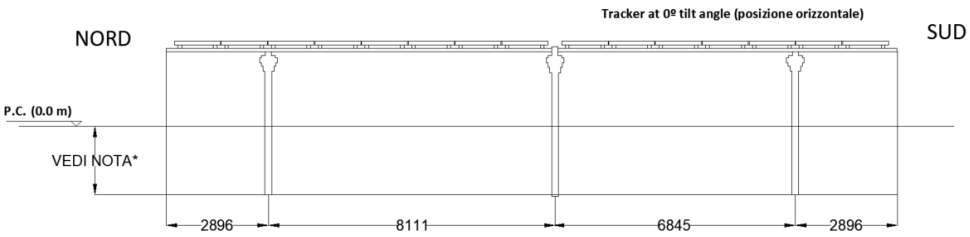


Figure 2: Vista Longitudinale Tracker

Note* Le dimensioni indicate saranno validate in una fase successiva del progetto (ingegneria di dettaglio) dopo aver definito in maniera definitiva le caratteristiche geometriche e meccaniche delle strutture porta moduli (scelta delle sezioni e del fornitore/produttore) ed eseguito le prove di campo (pull-out test ecc.).

MODELLI DI CALCOLO

Si è analizzato la struttura 2x15 nelle due configurazioni tipo:

- Configurazione a riposo: inclinazione pannelli 0°;
- Configurazione in esercizio: inclinazione pannelli a 55°.

Nei calcoli si è considerato che le strutture siano dotate di sensori tali che nella configurazione di esercizio una volta raggiunta la velocità limite del vento di 15 m/s la struttura tracker si posizionerà automaticamente in configurazione di riposo.

Tale valore della velocità del vento dovrà essere validato e confermato dal produttore/fornitore scelto per le strutture tracker nelle successive fasi.

Nel seguito si riportano le immagini dei due modelli di calcolo analizzati.

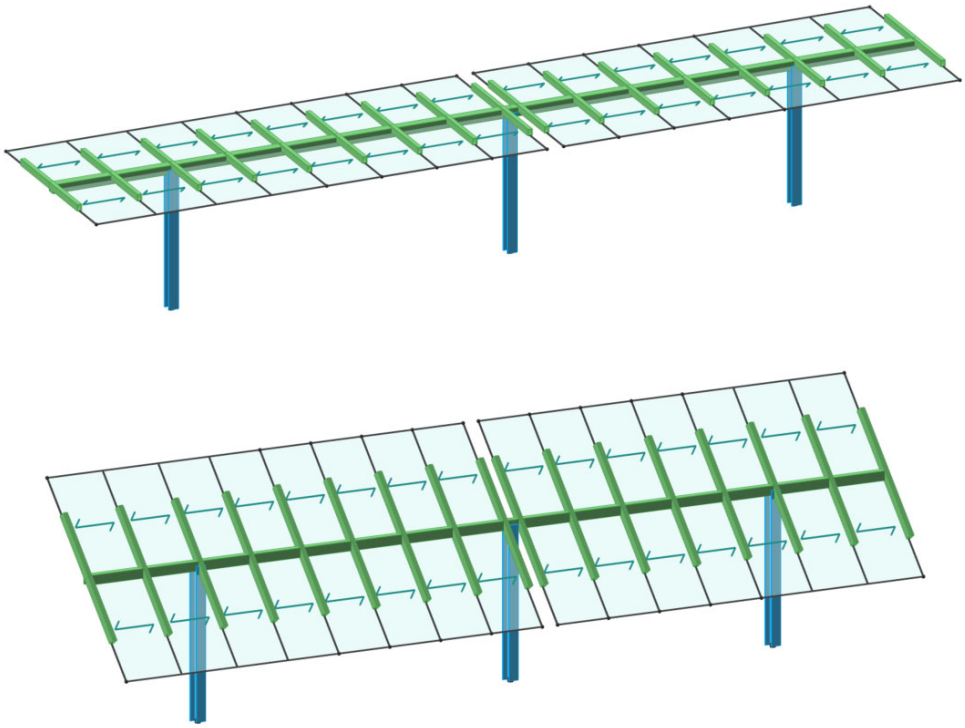


Figure 3: Vista modellazione strutturale: in alto configurazione di riposo, in basso configurazione di esercizio

Tutti gli elementi saranno realizzati con acciaio del tipo S355 (FE 510).

LISTA MATERIALI UTILIZZATI

Materiale acciaio:

Modulo elastico – E = 2.100.000 daN/cm2

Coefficiente di Poisson – υ = 0,30

Peso specifico – γ = 7.850 daN/m3

2.2.2 Struttura 2x30

La struttura sarà caratterizzata dai seguenti elementi (Vedi Figura 4 e Figura 5):

1) Telaio Principale, composto da:

a. Montante – sezione HEA 240;
b. Trave principale – sezione 200x200x8;

2) Travi secondarie porta pannelli – sezione 150×100×8.

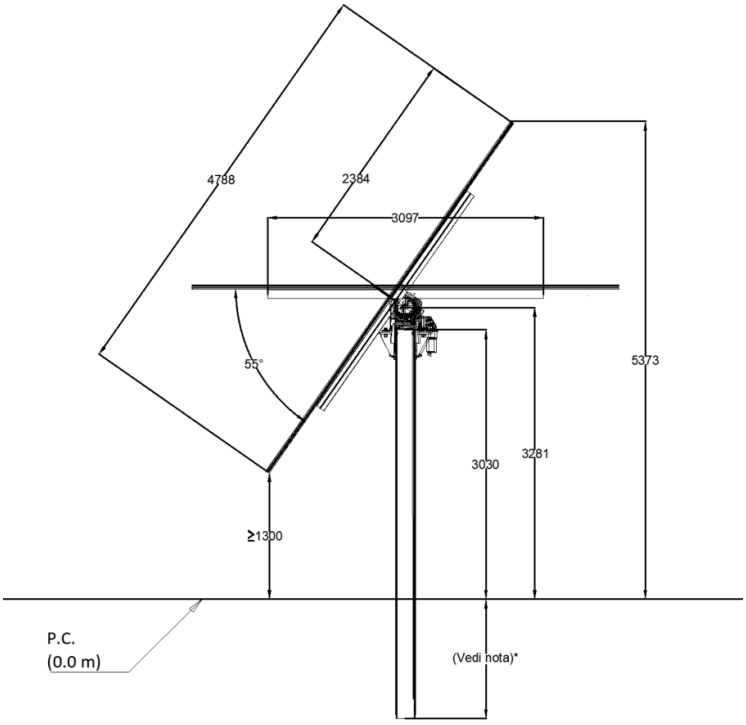


Figure 4: Telaio trasversale Tracker

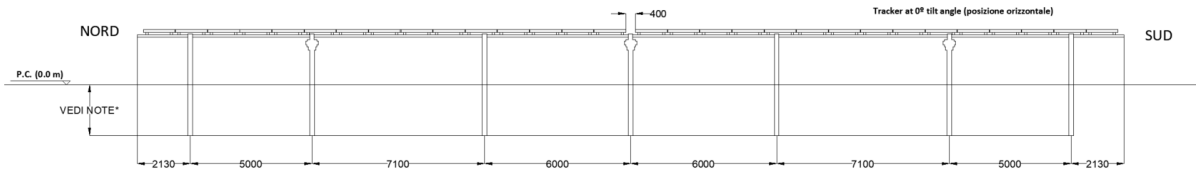


Figure 5: Vista Longitudinale Tracker

Note* Le dimensioni indicate saranno validate in una fase successiva del progetto (ingegneria di dettaglio) dopo aver definito in maniera definitiva le caratteristiche geometriche e meccaniche delle strutture porta moduli (scelta delle sezioni e del fornitore/produttore) ed eseguito le prove di campo (pull-out test ecc.).

MODELLI DI CALCOLO

Si è analizzato la struttura 2x30 nelle due configurazioni tipo:

- Configurazione a riposo: inclinazione pannelli 0°;
- Configurazione in esercizio: inclinazione pannelli a 55°.

Nei calcoli si è considerato che le strutture siano dotate di sensori tali che nella configurazione di esercizio una volta raggiunta la velocità limite di 15 m/s la struttura tracker si posizionerà automaticamente in configurazione di riposo.

Tale valore della velocità del vento dovrà essere validato e confermato dal produttore/fornitore scelto per le strutture tracker nelle successive fasi.

Nel seguito si riportano le immagini dei due modelli di calcolo analizzati.

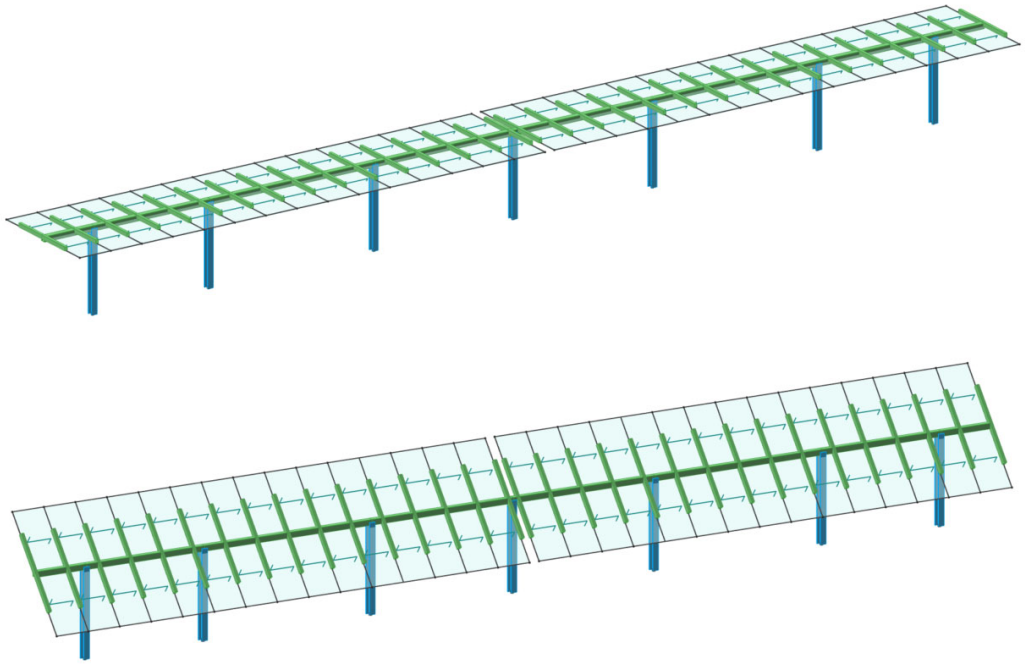


Figure 6: Vista modellazione strutturale: in alto configurazione di riposo, in basso configurazione di esercizio

Tutti gli elementi saranno realizzati con acciaio del tipo S355 (FE 510) o superiori.

LISTA MATERIALI UTILIZZATI

Materiale acciaio:

Modulo elastico – E = 2.100.000 daN/cm2

Coefficiente di Poisson – υ = 0,30

Peso specifico – γ = 7.850 daN/m3

2.3 Descrizione delle fondazioni impianto BESS

L'impianto BESS è costituito da cabinati container prefabbricati contenenti le batterie al litio, cabinati prefabbricati contenenti gli inverter (PCS) e trasformatori BT/MT.

Si prevede la realizzazione di platee di fondazione dello spessore di 50 cm e di dimensioni pari a:

- 13x3,5 m per i container contenenti le batterie al litio;
- 6x4 per i cabinati PCS ed i trasformatori BT/MT con cordoli perimetrali per contenimento eventuali perdite olio di altezza 30 cm e spessore 15 cm.

Si riportano nel seguito i modelli di calcolo elaborati per le verifiche.

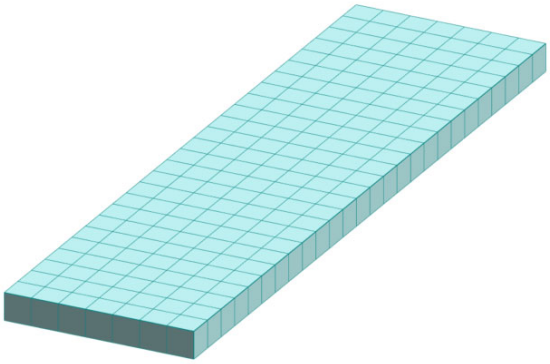


Figure 7: Platea container

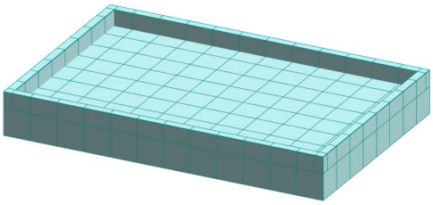


Figure 8: Platea PCS e trasformatori MT/BT

MATERIALI UTILIZZATI

Cemento armato:

Classe C32/40

Peso specifico – γ = 2500 daN/m3

2.4 Descrizione delle fondazioni cabine

Saranno installate due cabine prefabbricate, non oggetto della presente relazione di calcolo, di dimensioni pari a:

- 9x2,5 m circa per la cabina di raccolta;
- 5,3x2,5 m circa per la cabina scada.

Si prevede la realizzazione di platee di fondazione dello spessore di 50 cm e di dimensioni pari a:

- 10x3,5 m per la cabina di raccolta;
- 6,5x3,5 per la cabina SCADA.

Si riportano nel seguito i modelli di calcolo elaborati per le verifiche.

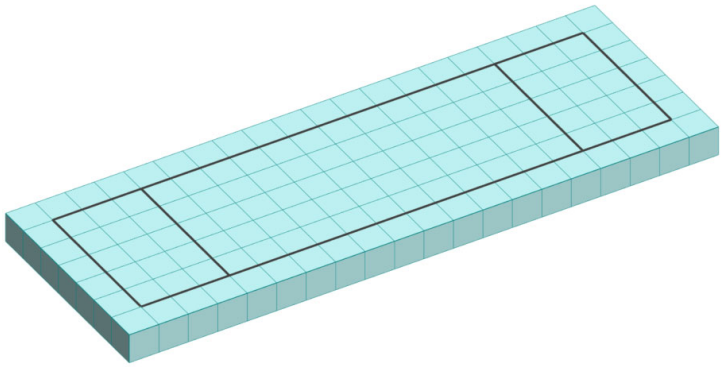


Figure 9: Platea cabina di raccolta

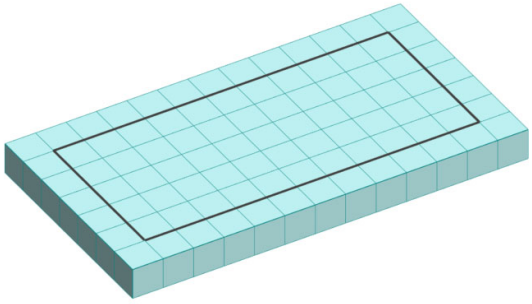


Figure 10: Platea cabina scada

MATERIALI UTILIZZATI

Cemento armato:

Classe C32/40

Peso specifico – γ = 2500 daN/m3

2.5 Descrizione dell'interrato per locale utenze

Sarà installato un locale utenze prefabbricato di dimensioni in pianta pari a circa 4,6x25,6 m ed altezza di circa 3,5 m. Per tale manufatto è prevista la realizzazione di un locale interrato in cemento armato gettato in opera di dimensioni in pianta pari a 4,6x25,6 m ed altezza di 2,7 m.

Tale manufatto sarà fondato su platea di fondazione dello spessore di 50 cm e di dimensioni in pianta pari a 5,6x26,6.

Il locale interrato avrà un solaio realizzato in soletta piana dello spessore di 30 cm sul quale sarà posizionata la struttura portante del locale utenze.

Si riporta il modello di calcolo elaborato per le verifiche.

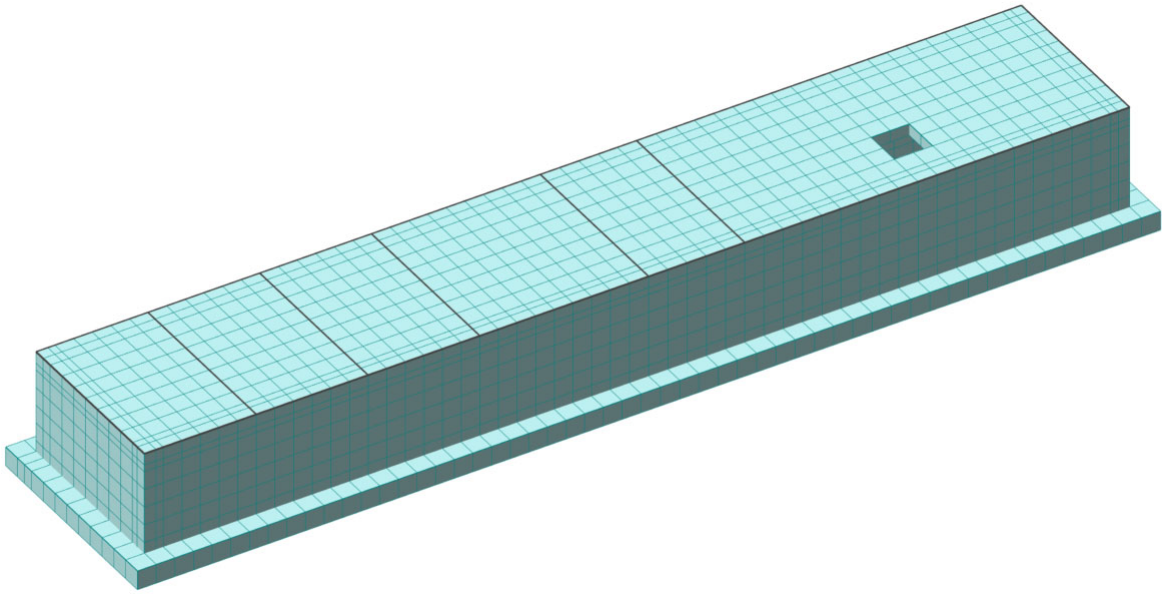


Figure 11: Locale interrato

MATERIALI UTILIZZATI

Cemento armato:

Classe C32/40

Peso specifico – γ = 2500 daN/m3

2.6 Descrizione della fondazione trasformatore MT/AT

Per l'installazione del trasformatore MT/AT si prevede la realizzazione di una platea di fondazione di dimensioni in pianta di 8x5 m circa e spessore di 50 cm; per evitare eventuali spandimenti di olio dovuto a rotture si prevede la realizzazione di cordoli di contenimento dello spessore di 30 cm e di altezza di 60 cm su tutto il perimetro, saranno inoltre realizzati due muretti centrali in cemento armato di spessore 60 cm ed altezza 60 cm per il posizionamento del trasformatore stesso.

All'interno delle vasche realizzate dai cordoli perimetrali ed i cordoli centrali sarà posizionato del materiale inerte per drenare eventuali perdite di olio a seguito di rotture.

Si riporta il modello di calcolo elaborato per le verifiche.

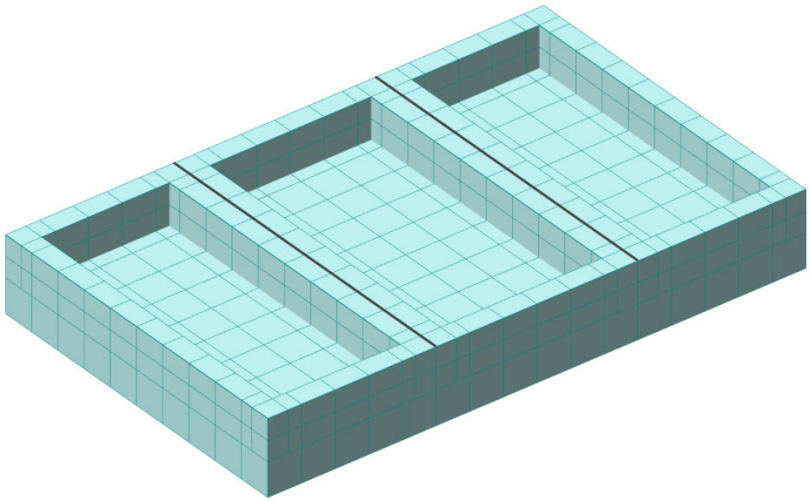


Figure 12: Platea Trasformatore MT/AT

MATERIALI UTILIZZATI

Cemento armato:

Classe C32/40

Peso specifico – γ = 2500 daN/m3

2.7 Descrizione della fondazione trasformatore MT/BT

Per l'installazione del trasformatore MT/BT si prevede la realizzazione di una platea di fondazione di dimensioni in pianta di 3,75x7 m circa e spessore di 50 cm; per la raccolta di eventuali spandimenti di olio dovuto a rotture si prevede il posizionamento di un pozzetto interrato prefabbricato di dimensioni in pianta 2,5x2,5 m e altezza 0,95 m, non oggetto della presente relazione di calcolo.

Si riporta il modello di calcolo elaborato per le verifiche.

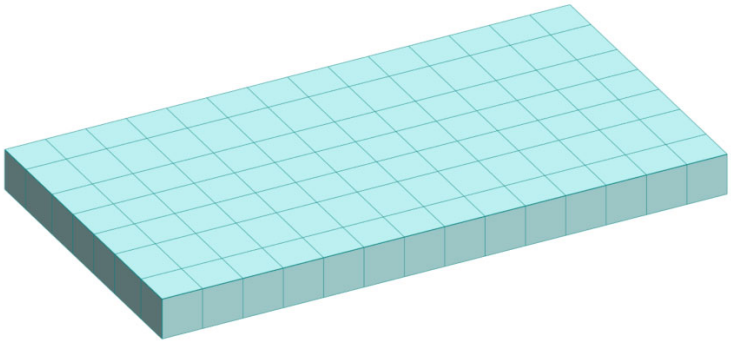


Figure 13: Platea cabina di raccolta

MATERIALI UTILIZZATI

Cemento armato:

Classe C32/40

Peso specifico – γ = 2500 daN/m3

3.0 CARICHI DI PROGETTO STRUTTURE TRACKER

3.1 Generalità

I carichi considerati per la progettazione delle strutture tracker sono:

Carichi permanenti (G):

- Peso Strutture (Carico Permanente Strutturale)
- Peso Moduli (Carico Permanente non Strutturale)

Carichi Variabili (Q):

- Neve
- Vento

3.2 Carichi permanenti strutturale

I pesi propri degli elementi strutturali, quali travi e pilastri, sono stati considerati in automatico dal programma di calcolo.

Si assume il seguente valore per il peso del materiale utilizzato:

- Peso Strutture in acciaio: 7850 daN/m^3
- Peso Strutture in cemento armato: 2500 daN/m^3

3.3 Carichi permanenti non strutturali

Nel seguito si riportano i valori dei carichi permanenti non strutturali assunti nel calcolo delle strutture oggetto della presente progettazione.

Per le strutture tracker i carichi permanenti non strutturali assumono i seguenti valori:

- Peso Moduli: 35 daN

3.4 Carichi da neve

Il carico provocato dalla presenza della neve agisce in direzione verticale ed è riferito alla proiezione orizzontale della superfice della copertura. Esso è valutato con la seguente espressione:

$$q_s = \mu_i \cdot q_{sk} \cdot C_E \cdot C_t$$

Provincia : Foggia
Zona : II Appenninica
Altitudine : 76 m s.l.m.
Valore caratteristico neve al suolo : q_{sk} = 100 kg/m^2
Coefficiente di esposizione C_E : 0,9
Coefficiente termico C_t : 1
Tipo di copertura: ad una falda

Si assume che la neve non sia impedita di scivolare.
Se l'estremità più bassa della falda termina con un parapetto, una barriera od altre ostruzioni, allora il coefficiente di forma non potrà essere assunto inferiore a 0,8 indipendentemente dall'angolo α.
La struttura del tracker può essere assimilata ad una pensilina ad una falda, per tale motivo si può considerare la condizione di carico riportata nella figura, la quale deve essere utilizzata per entrambi i casi di carico, con o senza vento.

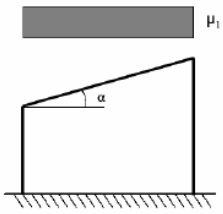


Figure 14: Carico neve per copertura ad una falda

Carico da neve :
Per α = 0° configurazione di riposo
qs(μ1=0,8) = 72 kg/m2
Si assume un carico pari a **75 kg/m2**.

Per α = 55° configurazione di esercizio
qs(μ1=0,133) = 12 kg/m2
Si assume un carico pari a **15 kg/m2**.

3.5 Carichi da vento

La pressione del vento è calcolata secondo l'espressione:

$$p = q_b \cdot c_e \cdot c_p \cdot c_d$$

Provincia: Foggia

Zona: 3

Altitudine: 76 m s.l.m

Tempo di ritorno Tr: 50 anni;

Distanza dalla costa: entro 30 km dalla costa

Classe di rugosità del terreno: D

Categoria di esposizione del sito: II

Coefficiente topografico ct: 1

Coefficiente dinamico cd: 1

Per la configurazione di riposo:

Velocità di riferimento vb(Tr): 27 m/s

Altezza della costruzione h: 3,3 m

Pressione cinetica di riferimento qb: 45,6 Kg/m2

Coefficiente di esposizione ce(z): ce = 1,8

Si assume il seguente valore della pressione del vento:

p = 82,2 daN/m2

Il riferimento è il p.to C3.3.8.2.1 della Circolare n. 7 del 21.01.2019 per cui risulta (vedi anche figura seguente):

$\alpha = 0°$ $\varphi = 0$

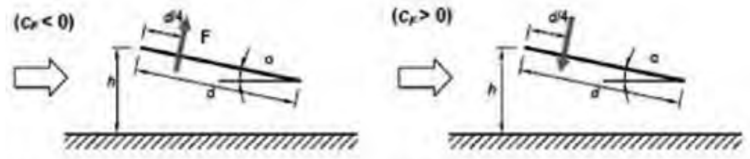
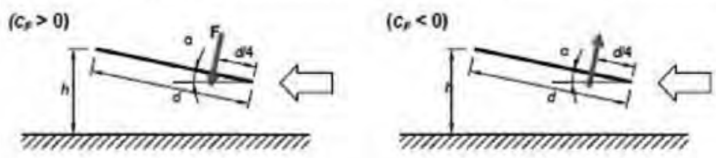
<table>
<tr><td colspan="2"> 
</td></tr>
<tr><td>Condizione A
cF = - 0,5 – 1,3 × α / 30 = - 0,5</td><td>Condizione B
cF = 0,2 + α / 30 = 0,2</td></tr>
<tr><td colspan="2"> 
</td></tr>
<tr><td>Condizione C
cF = 0,2 + α / 30 = 0,2</td><td>Condizione D
cF = - 0,5 – 1,3 × α / 30 = - 0,5</td></tr>
</table>

Figure 15: Casistiche carico vento per tettoia ad una falda – condizioni di risposo

Per la configurazione di esercizio:

Velocità di riferimento vb(Tr): 15 m/s

Altezza della costruzione h: 5,4 m

Pressione cinetica di riferimento qb: 14,1 Kg/m2

Coefficiente di esposizione ce(z): ce = 1,97

Si assume il seguente valore della pressione del vento:

p = 27,8 daN/m2

Il riferimento è il p.to C3.3.8.2.1 della Circolare n. 7 del 21.01.2019 per cui risulta (vedi anche figura seguente):

α = 55° φ = 0

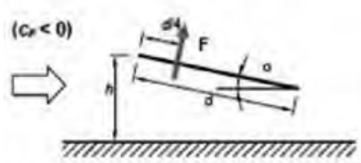
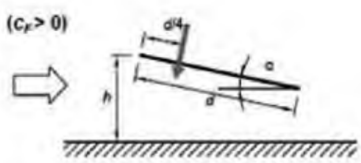
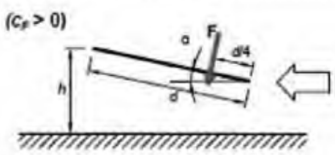
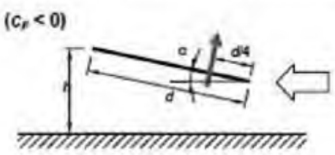
	
Condizione A cF = - 0,5 – 1,3 × α / 30 = - 2,9	**Condizione B** cF = 0,2 + α / 30 = 2,0
	
Condizione C cF = 0,2 + α / 30 = 2,0	**Condizione D** cF = - 0,5 – 1,3 × α / 30 = - 2,9

Figure 16: Casistiche carico vento per tettoia ad una falda – condizioni di esercizio

3.6 Combinazioni di carico

NORMATIVA: NORME TECNICHE PER LE COSTRUZIONI - 17/01/2018 (STATICO E SISMICO)

Per le strutture dei tracker sono state considerate le seguenti combinazioni di carico:

CC	Commento	Tipo CCE	Sic.
1	G1 - Peso Proprio	1 D.M. 18 Permanenti strutturali	a sfavore
2	G2 - Permanenti non strutturali	2 D.M. 18 Permanenti non strutturali	a sfavore
3	Q - Variabili neve	12 D.M. 18 Variabili Neve (a quota <= 1000 m s.l.m.)	a sfavore
4	Q - Vento retro Cond.A	11 D.M. 18 Variabili Vento	a sfavore
5	Q - Vento retro Cond.B	11 D.M. 18 Variabili Vento	a sfavore
6	Q - Vento fronte Cond.C	11 D.M. 18 Variabili Vento	a sfavore
7	Q - Vento fronte Cond.D	11 D.M. 18 Variabili Vento	a sfavore

CC	Commento	TCC	An.	Bk	1	2	3	4	5	6	7	S X	S Y
1	Amb. 1 (SLU S) S +X+0.3Y	SND	L		1.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	0.30
2	Amb. 1 (SLE) S +X+0.3Y	SLD	L		1.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	0.30
3	Amb. 1 (SLU S) S +X-0.3Y	SND	L		1.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	-0.30
4	Amb. 1 (SLE) S +X-0.3Y	SLD	L		1.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	-0.30
5	Amb. 1 (SLU S) S -X+0.3Y	SND	L		1.00	1.00	0.00	0.00	0.00	0.00	0.00	-1.00	0.30
6	Amb. 1 (SLE) S -X+0.3Y	SLD	L		1.00	1.00	0.00	0.00	0.00	0.00	0.00	-1.00	0.30
7	Amb. 1 (SLU S) S -X-0.3Y	SND	L		1.00	1.00	0.00	0.00	0.00	0.00	0.00	-1.00	-0.30
8	Amb. 1 (SLE) S -X-0.3Y	SLD	L		1.00	1.00	0.00	0.00	0.00	0.00	0.00	-1.00	-0.30
9	Amb. 1 (SLU S) S +0.3X+Y	SND	L		1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.30	1.00
10	Amb. 1 (SLE) S +0.3X+Y	SLD	L		1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.30	1.00
11	Amb. 1 (SLU S) S -0.3X+Y	SND	L		1.00	1.00	0.00	0.00	0.00	0.00	0.00	-0.30	1.00
12	Amb. 1 (SLE) S -0.3X+Y	SLD	L		1.00	1.00	0.00	0.00	0.00	0.00	0.00	-0.30	1.00
13	Amb. 1 (SLU S) S +0.3X-Y	SND	L		1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.30	-1.00
14	Amb. 1 (SLE) S +0.3X-Y	SLD	L		1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.30	-1.00
15	Amb. 1 (SLU S) S -0.3X-Y	SND	L		1.00	1.00	0.00	0.00	0.00	0.00	0.00	-0.30	-1.00
16	Amb. 1 (SLE) S -0.3X-Y	SLD	L		1.00	1.00	0.00	0.00	0.00	0.00	0.00	-0.30	-1.00
17	Amb. 2 (SLU)	SLU	L		1.30	1.50	1.50	0.00	0.00	0.00	0.00	0.00	0.00
18	Amb. 2 (SLE R)	SLE R	L		1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00
19	Amb. 2 (SLE F)	SLE F	L		1.00	1.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00
20	Amb. 2 (SLE Q)	SLE Q	L		1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	Amb. 3 (SLU)	SLU	L		1.30	1.50	0.75	1.50	0.00	0.00	0.00	0.00	0.00
22	Amb. 3 (SLU)	SLU	L		1.30	1.50	1.50	0.90	0.00	0.00	0.00	0.00	0.00
23	Amb. 3 (SLE R)	SLE R	L		1.00	1.00	0.50	1.00	0.00	0.00	0.00	0.00	0.00
24	Amb. 3 (SLE R)	SLE R	L		1.00	1.00	1.00	0.60	0.00	0.00	0.00	0.00	0.00
25	Amb. 3 (SLE F)	SLE F	L		1.00	1.00	0.00	0.20	0.00	0.00	0.00	0.00	0.00
26	Amb. 3 (SLE F)	SLE F	L		1.00	1.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00
27	Amb. 3 (SLE Q)	SLE Q	L		1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	Amb. 4 (SLU)	SLU	L		1.30	1.50	0.75	0.00	1.50	0.00	0.00	0.00	0.00
29	Amb. 4 (SLU)	SLU	L		1.30	1.50	1.50	0.00	0.90	0.00	0.00	0.00	0.00
30	Amb. 4 (SLE R)	SLE R	L		1.00	1.00	0.50	0.00	1.00	0.00	0.00	0.00	0.00
31	Amb. 4 (SLE R)	SLE R	L		1.00	1.00	1.00	0.00	0.60	0.00	0.00	0.00	0.00
32	Amb. 4 (SLE F)	SLE F	L		1.00	1.00	0.00	0.00	0.20	0.00	0.00	0.00	0.00
33	Amb. 4 (SLE F)	SLE F	L		1.00	1.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00
34	Amb. 4 (SLE Q)	SLE Q	L		1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	Amb. 5 (SLU)	SLU	L		1.30	1.50	0.75	0.00	0.00	1.50	0.00	0.00	0.00
36	Amb. 5 (SLU)	SLU	L		1.30	1.50	1.50	0.00	0.00	0.90	0.00	0.00	0.00
37	Amb. 5 (SLE R)	SLE R	L		1.00	1.00	0.50	0.00	0.00	1.00	0.00	0.00	0.00
38	Amb. 5 (SLE R)	SLE R	L		1.00	1.00	1.00	0.00	0.00	0.60	0.00	0.00	0.00
39	Amb. 5 (SLE F)	SLE F	L		1.00	1.00	0.00	0.00	0.00	0.20	0.00	0.00	0.00
40	Amb. 5 (SLE F)	SLE F	L		1.00	1.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00
41	Amb. 5 (SLE Q)	SLE Q	L		1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
42	Amb. 6 (SLU)	SLU	L		1.30	1.50	0.75	0.00	0.00	0.00	1.50	0.00	0.00
43	Amb. 6 (SLU)	SLU	L		1.30	1.50	1.50	0.00	0.00	0.00	0.90	0.00	0.00
44	Amb. 6 (SLE R)	SLE R	L		1.00	1.00	0.50	0.00	0.00	0.00	1.00	0.00	0.00
45	Amb. 6 (SLE R)	SLE R	L		1.00	1.00	1.00	0.00	0.00	0.00	0.60	0.00	0.00
46	Amb. 6 (SLE F)	SLE F	L		1.00	1.00	0.00	0.00	0.00	0.00	0.20	0.00	0.00
47	Amb. 6 (SLE F)	SLE F	L		1.00	1.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00
48	Amb. 6 (SLE Q)	SLE Q	L		1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

4.0 CARICHI DI PROGETTO STRUTTURE DI FONDAZIONE

4.1 Generalità

I carichi considerati per la progettazione delle strutture di fondazione e la struttura interrata sono:

Carichi permanenti (G):

- Peso Strutture (Carico Permanente Strutturale)
- Peso componenti e manufatti installati (Carico Permanente non Strutturale)

Carichi Variabili (Q):

- Accidentali

4.2 Carichi permanenti strutturale

I pesi propri degli elementi strutturali, quali travi e pilastri, sono stati considerati in automatico dal programma di calcolo.

Si assume il seguente valore per il peso del materiale utilizzato:

- Peso Strutture in acciaio: 7850 daN/m^3
- Peso Strutture in cemento armato: 2500 daN/m^3

4.3 Carichi permanenti non strutturali

Nel seguito si riportano i valori dei carichi permanenti non strutturali assunti nel calcolo delle strutture oggetto della presente progettazione.

Per le strutture di fondazione dell'impianto BESS i carichi permanenti non strutturali assumono i seguenti valori:

- Peso container: 82500 daN
- Peso PCS: 5700 daN
- Peso trasformatore: 2100 daN

Per le strutture di fondazione delle cabine i carichi permanenti non strutturali assumono i seguenti valori:

- Peso cabina di raccolta: 3000 daN/m
- Peso cabina scada: 2500 daN/m

Per le strutture dell'interrato a servizio del locale utente i carichi permanenti non strutturali assumono i seguenti valori:

- Peso pavimentazione: 200 daN/m^2
- Peso cavi ed attrezzi: 150 daN/m^2
- Spinta del terreno (andamento costante): 150 daN/m^2
- Spinta del terreno (andamento triangolare): 3190 daN/m^2

Per le strutture di fondazione dei trasformatori MT/BT i carichi permanenti non strutturali assumono i seguenti valori:

- Peso trasformatore: 25000 daN

Per le strutture di fondazione del trasformatore MT/AT i carichi permanenti non strutturali assumono i seguenti valori:

- Peso trasformatore: 62500 daN

4.4 Carichi accidentali

Nel seguito si riportano i valori dei carichi accidentali assunti nel calcolo delle strutture oggetto della presente progettazione.

Per le strutture dell'interrato a servizio del locale utente i carichi accidentali assumono i seguenti valori:

- Carico cat. E: 300 daN/m^2

4.5 Combinazioni di carico

NORMATIVA: NORME TECNICHE PER LE COSTRUZIONI - 17/01/2018 (STATICO E SISMICO)

per le strutture di fondazione sono state considerate le seguenti combinazioni di carico:

CC	Commento	Tipo CCE	Sic.
1	G1 - permanenti strutturali	1 D.M. 18 Permanenti strutturali	a sfavore
2	G2 - permanenti non strutturali	2 D.M. 18 Permanenti non strutturali	a sfavore
3	Q - variabili cat. E	7 D.M. 18 Variabili Categoria E - Aree per immagazzinamento, uso	a sfavore

CC	Commento	TCC	An.	Bk	1	2	3
1	Amb. 1 (SLU)	SLU	L		1.30	1.50	1.50
2	Amb. 1 (SLE R)	SLE R	L		1.00	1.00	1.00
3	Amb. 1 (SLE F)	SLE F	L		1.00	1.00	0.90
4	Amb. 1 (SLE Q)	SLE Q	L		1.00	1.00	0.80

per la struttura interrata sono state considerate le seguenti combinazioni di carico:

CC	Commento	Tipo CCE	Sic.
1	G1 - permanenti strutturali	1 D.M. 18 Permanenti strutturali	a sfavore
2	G2 - permanenti non strutturali	2 D.M. 18 Permanenti non strutturali	a sfavore
3	Q - variabili cat. E	7 D.M. 18 Variabili Categoria E - Aree per immagazzinamento, uso	a sfavore

CC	Commento	TCC	An.	Bk	1	2	3	S X	S Y
1	Amb. 1 (SLU S) S +X+0.3Y	SND	L		1.00	1.00	0.80	1.00	0.30
2	Amb. 1 (SLE) S +X+0.3Y	SLD	L		1.00	1.00	0.80	1.00	0.30
3	Amb. 1 (SLU S) S +X-0.3Y	SND	L		1.00	1.00	0.80	1.00	-0.30
4	Amb. 1 (SLE) S +X-0.3Y	SLD	L		1.00	1.00	0.80	1.00	-0.30
5	Amb. 1 (SLU S) S -X+0.3Y	SND	L		1.00	1.00	0.80	-1.00	0.30
6	Amb. 1 (SLE) S -X+0.3Y	SLD	L		1.00	1.00	0.80	-1.00	0.30
7	Amb. 1 (SLU S) S -X-0.3Y	SND	L		1.00	1.00	0.80	-1.00	-0.30
8	Amb. 1 (SLE) S -X-0.3Y	SLD	L		1.00	1.00	0.80	-1.00	-0.30
9	Amb. 1 (SLU S) S +0.3X+Y	SND	L		1.00	1.00	0.80	0.30	1.00
10	Amb. 1 (SLE) S +0.3X+Y	SLD	L		1.00	1.00	0.80	0.30	1.00
11	Amb. 1 (SLU S) S -0.3X+Y	SND	L		1.00	1.00	0.80	-0.30	1.00
12	Amb. 1 (SLE) S -0.3X+Y	SLD	L		1.00	1.00	0.80	-0.30	1.00
13	Amb. 1 (SLU S) S +0.3X-Y	SND	L		1.00	1.00	0.80	0.30	-1.00
14	Amb. 1 (SLE) S +0.3X-Y	SLD	L		1.00	1.00	0.80	0.30	-1.00
15	Amb. 1 (SLU S) S -0.3X-Y	SND	L		1.00	1.00	0.80	-0.30	-1.00
16	Amb. 1 (SLE) S -0.3X-Y	SLD	L		1.00	1.00	0.80	-0.30	-1.00
17	Amb. 2 (SLU)	SLU	L		1.30	1.50	1.50	0.00	0.00
18	Amb. 2 (SLE R)	SLE R	L		1.00	1.00	1.00	0.00	0.00
19	Amb. 2 (SLE F)	SLE F	L		1.00	1.00	0.90	0.00	0.00
20	Amb. 2 (SLE Q)	SLE Q	L		1.00	1.00	0.80	0.00	0.00

5.0 CRITERI DI VERIFICA

5.1 DI OPERE IN ACCIAIO CON IL METODO DELLE NTC 2018 E DELL'EUROCODICE 3

Il tabulato riporta una legenda dei parametri di calcolo e di progetto richiamati nel tabulato stesso, le caratteristiche delle sezioni e dei materiali utilizzate e successivamente, in sequenza per ogni asta, le verifiche svolte nelle quali sono riportati:

- numero combinazione di carico;
- sollecitazioni di calcolo a seconda della verifica condotta;
- classe della sezione; non viene riportata se agisce la trazione;
- parametri di calcolo utilizzati nella verifica;
- Verifica svolta con indice di sfruttamento ottenuto come rapporto fra la sollecitazione esterna e la resistenza di progetto.

Se è abilitata la verifica di stabilità per aste consecutive (membrature) viene riportato un ulteriore tabulato riguardante la verifica globale delle aste che costituiscono la membratura; la sola differenza con il precedente riguarda l'indicazione, nel prospetto, della lunghezza totale che influisce sul valore di snellezza e quindi sul risultato finale della verifica.

5.2 DI OPERE IN CEMENTO ARMATO CON IL METODO DELLE NTC 2018

Il tabulato riporta una legenda dei parametri di calcolo e di progetto richiamati nel tabulato stesso, le caratteristiche delle sezioni e dei materiali utilizzate e successivamente, in sequenza per ogni elemento, le verifiche svolte nelle quali sono riportati:

- numero combinazione di carico;
- sollecitazioni di calcolo a seconda della verifica condotta;
- armatura presente;
- Verifica svolta con indice di sfruttamento ottenuto come rapporto fra la sollecitazione esterna e la resistenza di progetto.

6.0 RISULTATI STRUTTURE TRACKER

6.1 Tracker 2x15 – configurazione a riposo (α = 0°)

6.1.1 Diagrammi tassi di sfruttamento

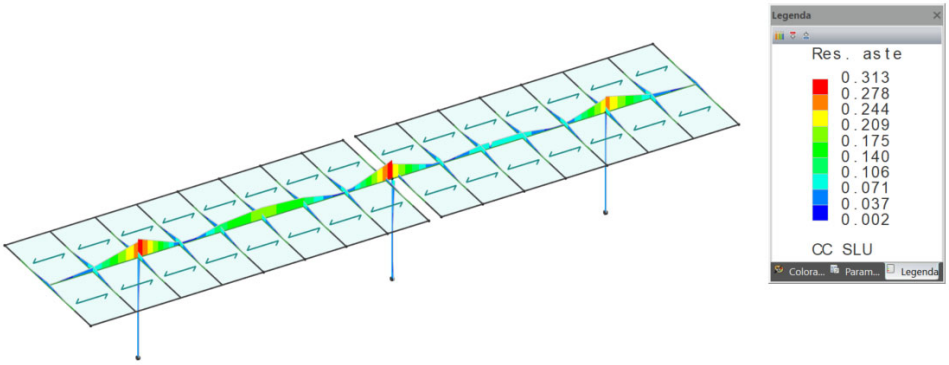


Diagramma tassi di sfruttamento resistenza aste combo SLU con valore massimo pari a 0,313

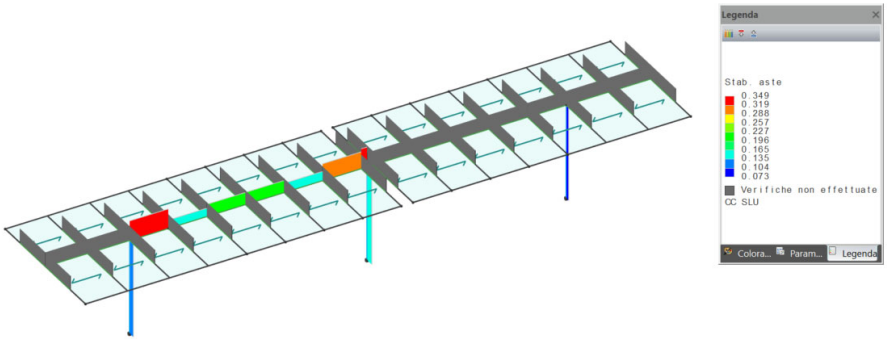


Diagramma tassi di sfruttamento stabilità aste combo SLU con valore massimo pari a 0,349

(nota: la dicitura verifiche non effettuate si riferisce ad elementi non sollecitatati per i quali non sono necessarie verifiche di stabilità)

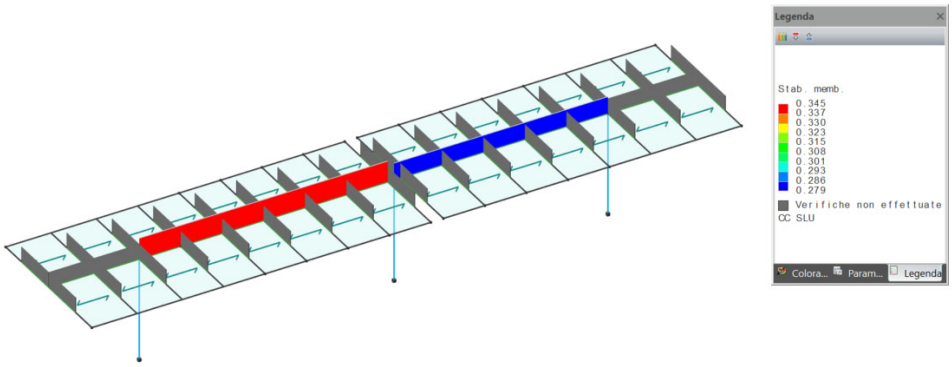


Diagramma tassi di sfruttamento stabilità membrature combo SLU con valore massimo pari a 0,345

(nota: la dicitura verifiche non effettuate si riferisce ad elementi non sollecitatati per i quali non sono necessarie verifiche di stabilità)

Figure 17: Tassi di sfruttamento SLU (Stato limite ultimo)

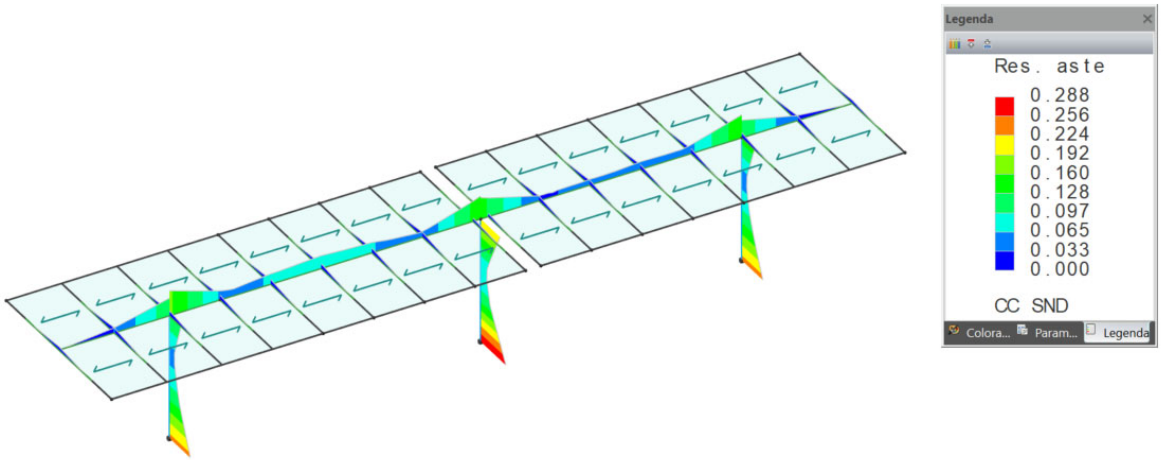


Diagramma tassi di sfruttamento resistenza aste combo SND con valore massimo pari a 0,288

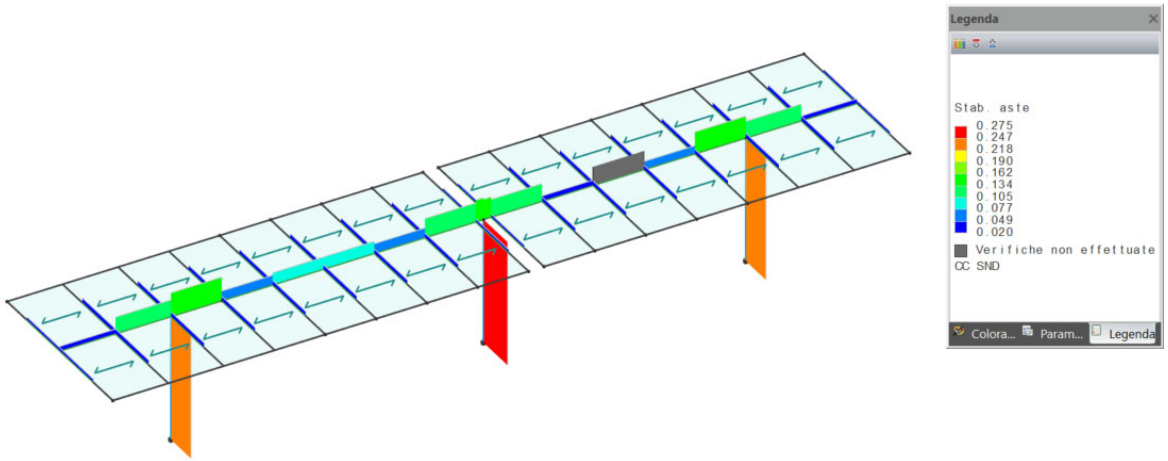


Diagramma tassi di sfruttamento stabilità aste combo SND con valore massimo pari a 0,275

(nota: la dicitura verifiche non effettuate si riferisce ad elementi non sollecitatati per i quali non sono necessarie verifiche di stabilità)

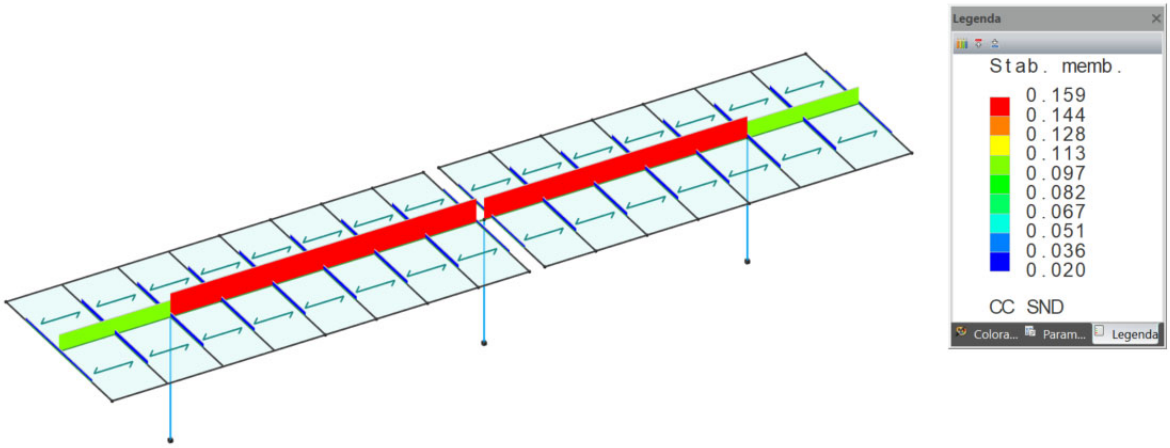
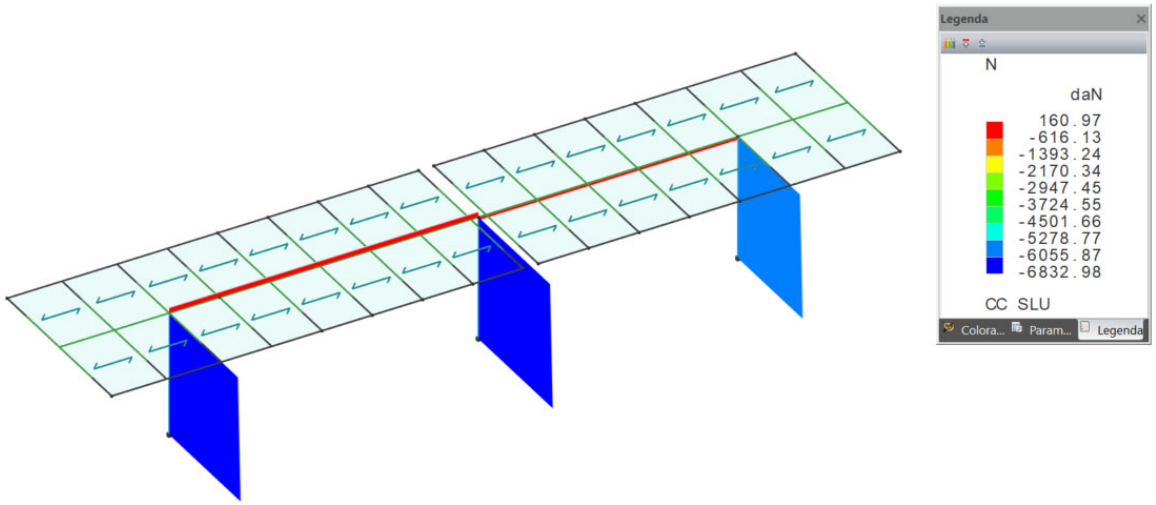


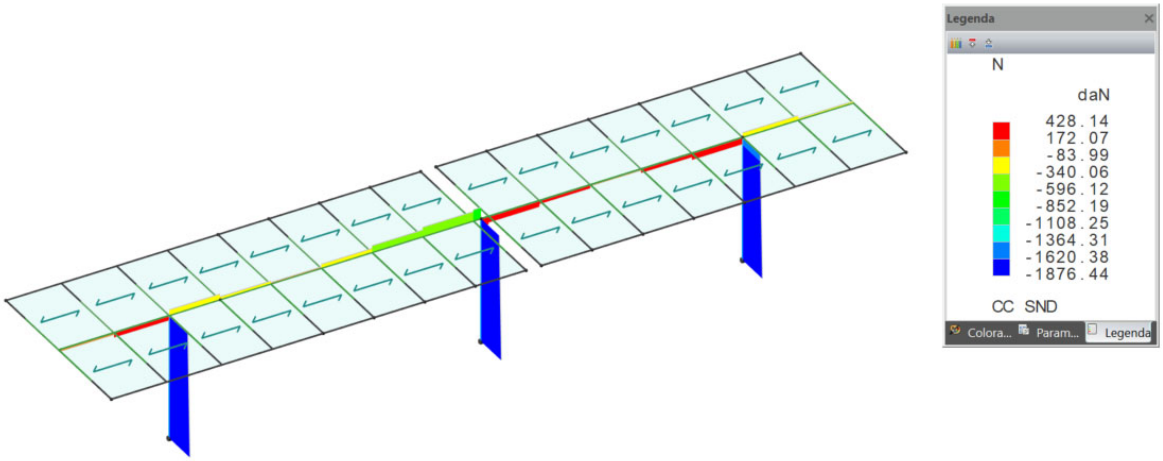
Diagramma tassi di sfruttamento stabilità membrature combo SND con valore massimo pari a 0,159

Figure 18: Tassi di sfruttamento SND (Stato limite di vita non dissipativo)

6.1.2 Sollecitazioni

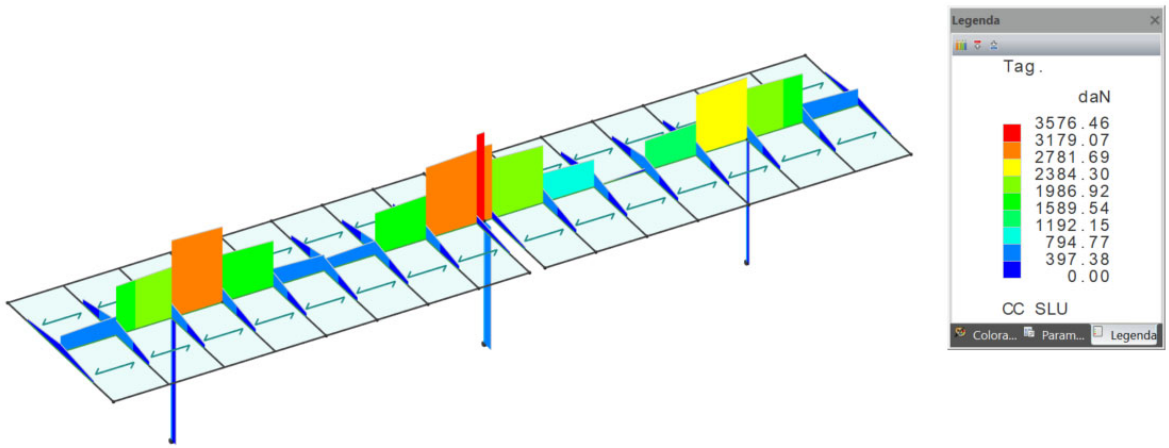


Inviluppo sforzo normale SLU Nmax = 6832,98 daN (compressione)

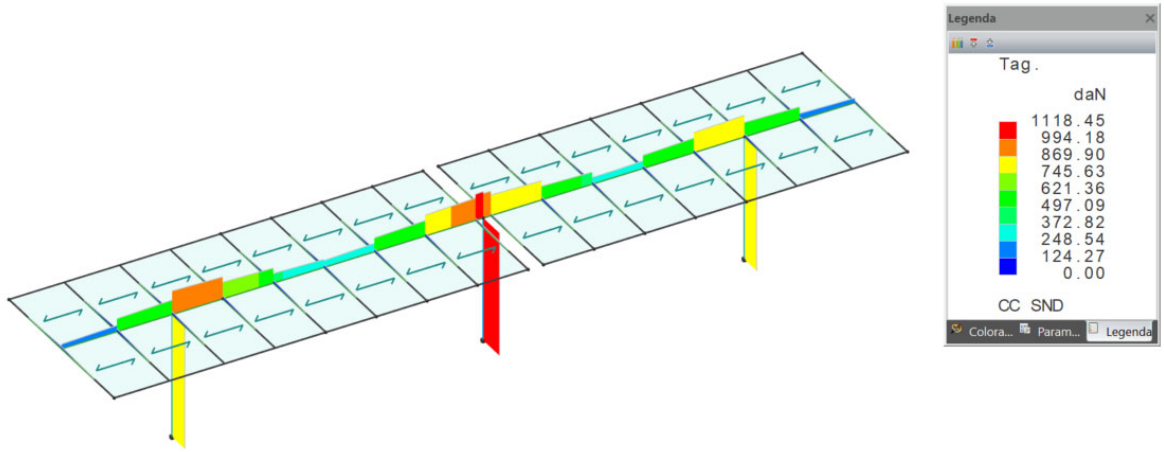


Inviluppo sforzo normale SND Nmax = 1876,44 daN (compressione)

Figure 19: Sforzo Normale

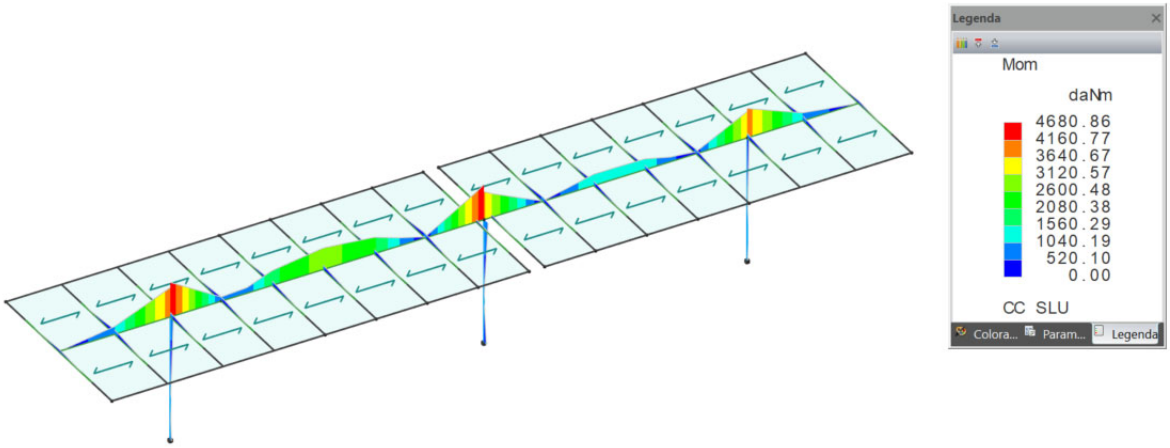


Inviluppo sforzo di taglio SLU Tmax = 3576,46 daN

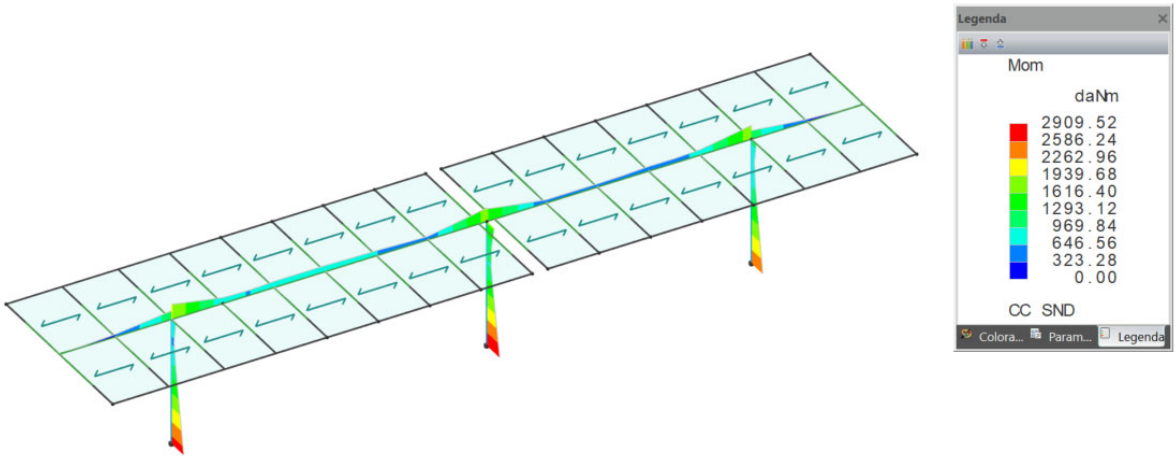


Inviluppo sforzo di taglio SND Tmax = 1118,45 daN

Figure 20: Taglio



Inviluppo momento flettente SLU Mmax = 4680,86 daN×m



Inviluppo momento flettente SND Mmax = 2909,52 daN×m

Figure 21: Momento Flettente

6.1.3 Tabulati di calcolo

Si riportano i tabulati di calcolo elaborati come output dal programma di calcolo.

Risultati del calcolo

Parametri di calcolo
La modellazione della struttura e la rielaborazione dei risultati del calcolo sono stati effettuati con:
ModeSt ver. 8.28, licenza n. 7279, prodotto da Tecnisoft s.a.s. - Prato
La struttura è stata calcolata utilizzando come solutore agli elementi finiti:
Xfinest ver. 9.5.3, licenza n. 3451, prodotto da Ce.A.S. S.r.l. - Milano

Tipo di normativa: stati limite D.M. 18
Tipo di calcolo: sismica statica
Vincoli esterni: Considera sempre vincoli assegnati in modellazione
Schematizzazione piani rigidi: nessun impalcato rigido
Modalità di recupero masse secondarie: mantenere sul nodo masse e forze relative

Generazione combinazioni

- Lineari: Sì
- Valuta spostamenti e non sollecitazioni: No
- Buckling: No

Opzioni di calcolo

- Non sono state considerate infinitamente rigide le zone di connessione fra travi, pilastri ed elementi bidimensionali
- Calcolo con offset rigidi dai nodi: No
- Uniformare i carichi variabili: No
- Massimizzare i carichi variabili: No
- Recupero carichi zone rigide: taglio e momento flettente
- Modalità di combinazione momento torcente: disaccoppiare le azioni

Opzioni del solutore

- Tipo di elemento bidimensionale: QF46
- Calcolo sforzo nei nodi: No
- Trascura deformabilità a taglio delle aste: No
- Analisi dinamica con metodo di Lanczos: Sì
- Check sequenza di Sturm: Sì
- Analisi non lineare con Newton modificato: No
- Usa formulazione secante per buckling: No
- Trascura buckling torsionale: No

Dati struttura

- Sito di costruzione: CPHJ+52 Foggia FG, Italia LON. 15.73010 LAT. 41.42790
  Contenuto tra ID reticolo: 30559 30558 30337 30336

Simbologia
Ag = Accelerazione orizzontale massima al sito
C_C = Coefficiente funzione della categoria del suolo
Fo = Valore massimo del fattore di amplificazione dello spettro in accelerazione orizzontale
S_S = Coefficiente di amplificazione stratigrafica
T_R = Periodo di ritorno <anni>
TCC = Tipo di combinazione di carico
SLU = Stato limite ultimo
SLE R = Stato limite d'esercizio, combinazione rara
SLE F = Stato limite d'esercizio, combinazione frequente
SLE Q = Stato limite d'esercizio, combinazione quasi permanente
SLD = Stato limite di danno
SND = Stato limite di salvaguardia della vita (non dissipativo)
Tc* = Periodo di inizio del tratto a velocità costante dello spettro in accelerazione orizzontale <sec>

TCC	T_R	Ag <g>	Fo	Tc*	S_S	C_C
SLD	50	0.0554	2.54	0.33	1.50	1.52
SLV	475	0.1323	2.61	0.43	1.49	1.38

- Edificio esistente: No
- Spettri: Automatici da normativa
- Tipo di opera: Opera ordinaria
- Vita nominale V_N: 50.00
- Classe d'uso: Classe II
- SL Esercizio: SLOPvr No, SLDPvr 63.00
- SL Ultimi: SLVPvr 10.00, SLCPvr No
- Struttura dissipativa: No
- Quota di riferimento: 0.00 <m>
- Quota max della struttura: 3.30 <m>
- Altezza della struttura: 3.30 <m>
- Numero piani edificio: 0
- Coefficiente θ: 0.00
- Edificio regolare in altezza: Sì
- Edificio regolare in pianta: Sì
- Forze orizzontali convenzionali per stati limite non sismici: No
- Genera stati limite per verifiche di resistenza al fuoco: No

Dati di calcolo

- Categoria del suolo di fondazione: C
- Tipologia strutturale: acciaio a mensola o a pendolo inverso

Periodo T_1	0.20812
Coeff. λ SLD	1.00
Coeff. λ SLV	1.00

Rapporto di sovraresistenza (α_u/α_1)	1.00
Valore di riferimento del fattore di comportamento (q_0)	1.00
Fattore riduttivo (K_w)	1.00
Fattore riduttivo regolarità in altezza (KR)	1.00
Fattore di comportamento dissipativo (q)	1.00
Fattore di comportamento non dissipativo (qND)	1.00
Fattore di comportamento per SLD (qD)	1.00

- Categoria topografica: T1 - Superficie pianeggiante, pendii e rilievi isolati con inclinazione media i<=15°
- Coeff. amplificazione topografica S_T: 1.00
- Accelerazione di picco del terreno AgS: 0.1976 <g>
- Fattore di comportamento per sisma verticale (qv): 1.50
- Smorzamento spettro: 5.00%

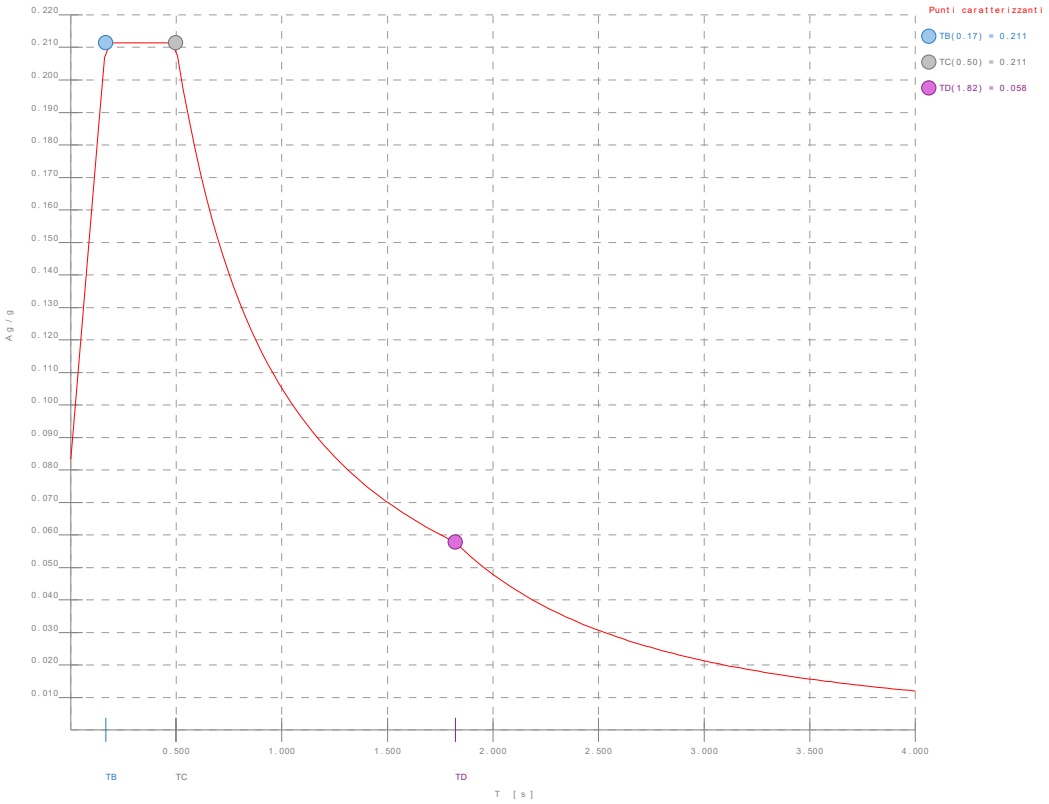


Figura numero 1: Spettro SLD

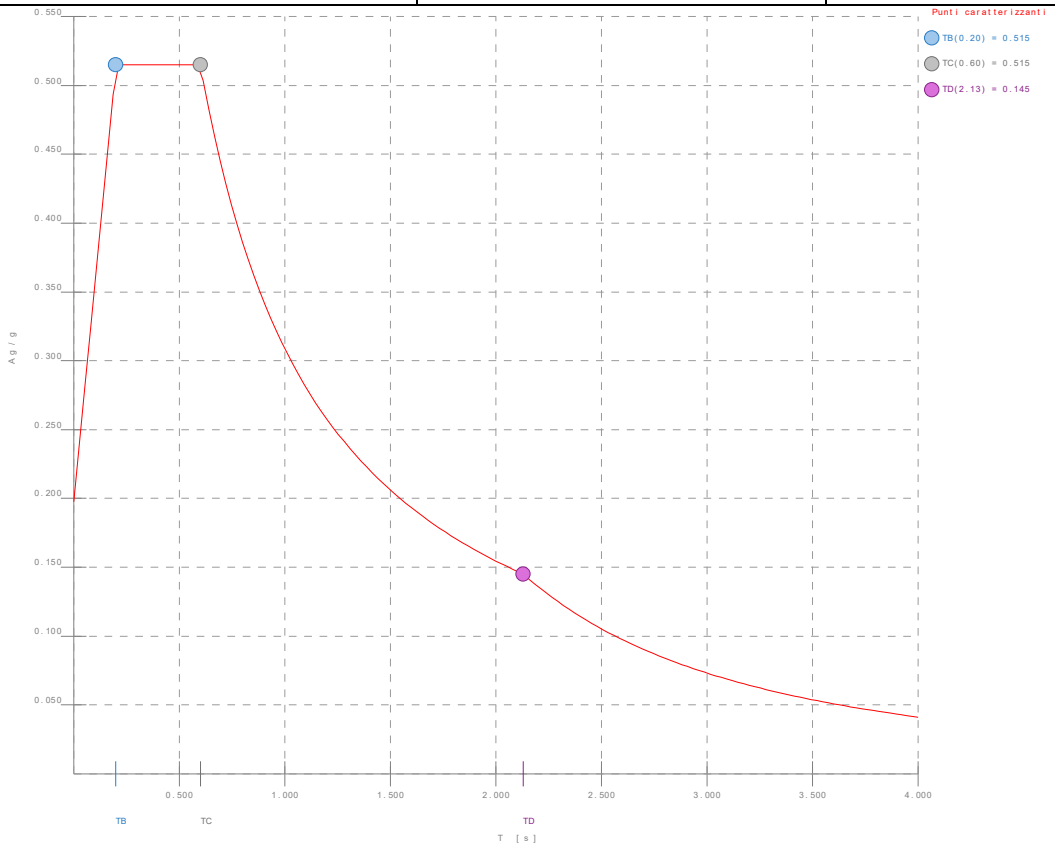


Figura numero 2: Spettro SND

- Angolo di ingresso del sisma: 0.00 <grad>
- Tipo di combinazione sismica: 30% esteso

Ambienti di carico
Simbologia
N = Numero
Comm. = Commento
1 = G1 - Peso Proprio
2 = G2 - Permanenti non strutturali
3 = Q - Variabili neve
4 = Vento da retro - Cond. A
5 = Vento da retro - Cond. B
6 = Vento da fronte - Cond. C
7 = Vento da fronte - Cond. D
F = azioni orizzontali convenzionali
SLU = Stato limite ultimo
SLR = Stato limite per combinazioni rare
SLF = Stato limite per combinazioni frequenti
SLQ/D = Stato limite per combinazioni quasi permanenti o di danno
S = Sì
N = No

N	Comm.	1	2	3	4	5	6	7	S	SLU	SLR	SLF	SLQ
1	Calcolo sismico	S	S	S	N	N	N	N	S	S	N	N	N
2	Calcolo statico	S	S	S	N	N	N	N	N	S	S	S	S
3	Vento da 270° - cond A	S	S	S	S	N	N	N	N	S	S	S	S
4	Vento da 270° - cond B	S	S	S	N	S	N	N	N	S	S	S	S
5	Vento da 90° - cond C	S	S	S	N	N	S	N	N	S	S	S	S
6	Vento da 90° - cond D	S	S	S	N	N	N	S	N	S	S	S	S

Elenco combinazioni di carico simboliche

Simbologia
CC = Numero della combinazione delle condizioni di carico elementari
Comm. = Commento
TCC = Tipo di combinazione di carico
SLU = Stato limite ultimo
SLE R = Stato limite d'esercizio, combinazione rara
SLE F = Stato limite d'esercizio, combinazione frequente
SLE Q = Stato limite d'esercizio, combinazione quasi permanente
SLD = Stato limite di danno
SND = Stato limite di salvaguardia della vita (non dissipativo)

CC	Comm.	TCC	1	2	3	4	5	6	7	S
1	Amb. 1 (Sisma)	SLU S	1	1	ψ_2	-----	-----	-----	-----	1
2	Amb. 2 (SLU)	SLU	γ max	γ max	γ max	-----	-----	-----	-----	-----
3	Amb. 2 (SLE R)	SLE R	1	1	1	-----	-----	-----	-----	-----
4	Amb. 2 (SLE F)	SLE F	1	1	ψ_1	-----	-----	-----	-----	-----
5	Amb. 2 (SLE Q)	SLE Q	1	1	ψ_2	-----	-----	-----	-----	-----
6	Amb. 3 (SLU)	SLU	γ max	γ max	ψ_0*γ max	γ max	-----	-----	-----	-----

7	Amb. 3 (SLU)	SLU	γ max	γ max	γ max	ψ_0*γ max	-----	-----	-----	-----
8	Amb. 3 (SLE R)	SLE R	1	1	ψ_0	1	-----	-----	-----	-----
9	Amb. 3 (SLE R)	SLE R	1	1	1	ψ_0	-----	-----	-----	-----
10	Amb. 3 (SLE F)	SLE F	1	1	ψ_2	ψ_1	-----	-----	-----	-----
11	Amb. 3 (SLE F)	SLE F	1	1	ψ_1	ψ_2	-----	-----	-----	-----
12	Amb. 3 (SLE Q)	SLE Q	1	1	ψ_2	ψ_2	-----	-----	-----	-----
13	Amb. 4 (SLU)	SLU	γ max	γ max	ψ_0*γ max	-----	γ max	-----	-----	-----
14	Amb. 4 (SLU)	SLU	γ max	γ max	γ max	-----	ψ_0*γ max	-----	-----	-----
15	Amb. 4 (SLE R)	SLE R	1	1	ψ_0	-----	1	-----	-----	-----
16	Amb. 4 (SLE R)	SLE R	1	1	1	-----	ψ_0	-----	-----	-----
17	Amb. 4 (SLE F)	SLE F	1	1	ψ_2	-----	ψ_1	-----	-----	-----
18	Amb. 4 (SLE F)	SLE F	1	1	ψ_1	-----	ψ_2	-----	-----	-----
19	Amb. 4 (SLE Q)	SLE Q	1	1	ψ_2	-----	ψ_2	-----	-----	-----
20	Amb. 5 (SLU)	SLU	γ max	γ max	ψ_0*γ max	-----	-----	γ max	-----	-----
21	Amb. 5 (SLU)	SLU	γ max	γ max	γ max	-----	-----	ψ_0*γ max	-----	-----
22	Amb. 5 (SLE R)	SLE R	1	1	ψ_0	-----	-----	1	-----	-----
23	Amb. 5 (SLE R)	SLE R	1	1	1	-----	-----	ψ_0	-----	-----
24	Amb. 5 (SLE F)	SLE F	1	1	ψ_2	-----	-----	ψ_1	-----	-----
25	Amb. 5 (SLE F)	SLE F	1	1	ψ_1	-----	-----	ψ_2	-----	-----
26	Amb. 5 (SLE Q)	SLE Q	1	1	ψ_2	-----	-----	ψ_2	-----	-----
27	Amb. 6 (SLU)	SLU	γ max	γ max	ψ_0*γ max	-----	-----	-----	γ max	-----
28	Amb. 6 (SLU)	SLU	γ max	γ max	γ max	-----	-----	-----	ψ_0*γ max	-----
29	Amb. 6 (SLE R)	SLE R	1	1	ψ_0	-----	-----	-----	1	-----
30	Amb. 6 (SLE R)	SLE R	1	1	1	-----	-----	-----	ψ_0	-----
31	Amb. 6 (SLE F)	SLE F	1	1	ψ_2	-----	-----	-----	ψ_1	-----
32	Amb. 6 (SLE F)	SLE F	1	1	ψ_1	-----	-----	-----	ψ_2	-----
33	Amb. 6 (SLE Q)	SLE Q	1	1	ψ_2	-----	-----	-----	ψ_2	-----

Genera le combinazioni con un solo carico di tipo variabile come di base: Sì

Considera sollecitazioni dinamiche con segno dei modi principali: No

Combinazioni delle CCE

Simbologia
An. =Tipo di analisi
L = Lineare
NL = Non lineare
Bk =Buckling
S = Sì
N = No
CC =Numero della combinazione delle condizioni di carico elementari
Comm. =Commento
TCC =Tipo di combinazione di carico
SLU = Stato limite ultimo
SLE R = Stato limite d'esercizio, combinazione rara
SLE F = Stato limite d'esercizio, combinazione frequente
SLE Q = Stato limite d'esercizio, combinazione quasi permanente
SLD = Stato limite di danno
SND = Stato limite di salvaguardia della vita (non dissipativo)

CC	Comm.	TCC	An.	Bk	1	2	3	4	5	6	7	S X	S Y
1	Amb. 1 (SLU S) S +X+0.3Y	SND	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	0.30
2	Amb. 1 (SLE) S +X+0.3Y	SLD	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	0.30
3	Amb. 1 (SLU S) S +X-0.3Y	SND	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	-0.30
4	Amb. 1 (SLE) S +X-0.3Y	SLD	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	-0.30
5	Amb. 1 (SLU S) S -X+0.3Y	SND	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	-1.00	0.30
6	Amb. 1 (SLE) S -X+0.3Y	SLD	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	-1.00	0.30
7	Amb. 1 (SLU S) S -X-0.3Y	SND	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	-1.00	-0.30
8	Amb. 1 (SLE) S -X-0.3Y	SLD	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	-1.00	-0.30
9	Amb. 1 (SLU S) S +0.3X+Y	SND	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.30	1.00
10	Amb. 1 (SLE) S +0.3X+Y	SLD	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.30	1.00
11	Amb. 1 (SLU S) S -0.3X+Y	SND	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	-0.30	1.00
12	Amb. 1 (SLE) S -0.3X+Y	SLD	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	-0.30	1.00
13	Amb. 1 (SLU S) S +0.3X-Y	SND	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.30	-1.00
14	Amb. 1 (SLE) S +0.3X-Y	SLD	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.30	-1.00
15	Amb. 1 (SLU S) S -0.3X-Y	SND	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	-0.30	-1.00
16	Amb. 1 (SLE) S -0.3X-Y	SLD	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	-0.30	-1.00
17	Amb. 2 (SLU)	SLU	L	N	1.30	1.50	1.50	0.00	0.00	0.00	0.00	0.00	0.00
18	Amb. 2 (SLE R)	SLE R	L	N	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00
19	Amb. 2 (SLE F)	SLE F	L	N	1.00	1.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00
20	Amb. 2 (SLE Q)	SLE Q	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	Amb. 3 (SLU)	SLU	L	N	1.30	1.50	0.75	1.50	0.00	0.00	0.00	0.00	0.00
22	Amb. 3 (SLU)	SLU	L	N	1.30	1.50	1.50	0.90	0.00	0.00	0.00	0.00	0.00
23	Amb. 3 (SLE R)	SLE R	L	N	1.00	1.00	0.50	1.00	0.00	0.00	0.00	0.00	0.00
24	Amb. 3 (SLE R)	SLE R	L	N	1.00	1.00	1.00	0.60	0.00	0.00	0.00	0.00	0.00
25	Amb. 3 (SLE F)	SLE F	L	N	1.00	1.00	0.00	0.20	0.00	0.00	0.00	0.00	0.00
26	Amb. 3 (SLE F)	SLE F	L	N	1.00	1.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00
27	Amb. 3 (SLE Q)	SLE Q	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	Amb. 4 (SLU)	SLU	L	N	1.30	1.50	0.75	0.00	1.50	0.00	0.00	0.00	0.00
29	Amb. 4 (SLU)	SLU	L	N	1.30	1.50	1.50	0.00	0.90	0.00	0.00	0.00	0.00
30	Amb. 4 (SLE R)	SLE R	L	N	1.00	1.00	0.50	0.00	1.00	0.00	0.00	0.00	0.00
31	Amb. 4 (SLE R)	SLE R	L	N	1.00	1.00	1.00	0.00	0.60	0.00	0.00	0.00	0.00
32	Amb. 4 (SLE F)	SLE F	L	N	1.00	1.00	0.00	0.00	0.20	0.00	0.00	0.00	0.00
33	Amb. 4 (SLE F)	SLE F	L	N	1.00	1.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00
34	Amb. 4 (SLE Q)	SLE Q	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	Amb. 5 (SLU)	SLU	L	N	1.30	1.50	0.75	0.00	0.00	1.50	0.00	0.00	0.00
36	Amb. 5 (SLU)	SLU	L	N	1.30	1.50	1.50	0.00	0.00	0.90	0.00	0.00	0.00
37	Amb. 5 (SLE R)	SLE R	L	N	1.00	1.00	0.50	0.00	0.00	1.00	0.00	0.00	0.00
38	Amb. 5 (SLE R)	SLE R	L	N	1.00	1.00	1.00	0.00	0.00	0.60	0.00	0.00	0.00
39	Amb. 5 (SLE F)	SLE F	L	N	1.00	1.00	0.00	0.00	0.00	0.20	0.00	0.00	0.00
40	Amb. 5 (SLE F)	SLE F	L	N	1.00	1.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00
41	Amb. 5 (SLE Q)	SLE Q	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
42	Amb. 6 (SLU)	SLU	L	N	1.30	1.50	0.75	0.00	0.00	0.00	1.50	0.00	0.00
43	Amb. 6 (SLU)	SLU	L	N	1.30	1.50	1.50	0.00	0.00	0.00	0.90	0.00	0.00
44	Amb. 6 (SLE R)	SLE R	L	N	1.00	1.00	0.50	0.00	0.00	0.00	1.00	0.00	0.00
45	Amb. 6 (SLE R)	SLE R	L	N	1.00	1.00	1.00	0.00	0.00	0.00	0.60	0.00	0.00
46	Amb. 6 (SLE F)	SLE F	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.20	0.00	0.00

47	Amb. 6 (SLE F)	SLE F	L	N	1.00	1.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00
48	Amb. 6 (SLE Q)	SLE Q	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Elenco masse nodi

Simbologia
Mo = Massa orizzontale
Nodo = Numero del nodo

Nodo	Mo <kg>	Nodo	Mo <kg>	Nodo	Mo <kg>	Nodo	Mo <kg>	Nodo	Mo <kg>	Nodo	Mo <kg>	Nodo	Mo <kg>	Nodo	Mo <kg>	Nodo	Mo <kg>	Nodo	Mo <kg>
-80	68.95	-79	68.95	-78	66.90	-77	66.90	-76	71.00	-75	71.00	-74	71.00	-73	71.00	-72	69.01	-71	46.74	-70	46.74
-69	46.74	-68	46.74	-67	69.01	-66	67.01	-65	67.01	-64	67.01	-63	67.01	-62	67.01	-61	67.01	-60	67.01	-59	67.01
-58	44.74	-57	44.74	-56	44.69	-55	44.69	-54	66.90	-53	66.90	-52	66.90	-51	66.90	-50	66.90	-49	66.90	-48	66.90
-47	66.90	-45	251.98	-29	160.41	-26	160.41	-18	102.67	-15	150.92	-14	150.92	-13	150.92	-12	150.92	-11	102.85	-10	102.71
-9	150.66	-8	150.66	-7	150.66	-6	150.66	-3	102.67	201	150.66	202	106.28	203	252.12						

Totali masse nodi

Mo <kg>
4829.94

Elenco forze sismiche nodali allo SLD

Simbologia
Fx = Forza in dir. X
Fy = Forza in dir. Y
Nodo = Numero del nodo
cx = Coeff. c in dir. X
cy = Coeff. c in dir. Y

Nodo	cx	cy	Fx <daN>	Fy <daN>	Nodo	cx	cy	Fx <daN>	Fy <daN>	Nodo	cx	cy	Fx <daN>	Fy <daN>	Nodo	cx	cy	Fx <daN>	Fy <daN>	Nodo	cx	cy	Fx <daN>	Fy <daN>
-80	0.01	0.01	14.29	14.29	-79	0.01	0.01	14.29	14.29	-78	0.01	0.01	13.87	13.87	-77	0.01	0.01	13.87	13.87	-76	0.01	0.01	14.72	14.72
-75	0.01	0.01	14.72	14.72	-74	0.01	0.01	14.72	14.72	-73	0.01	0.01	14.72	14.72	-72	0.01	0.01	14.31	14.31	-71	0.01	0.01	9.69	9.69
-70	0.01	0.01	9.69	9.69	-69	0.01	0.01	9.69	9.69	-68	0.01	0.01	9.69	9.69	-67	0.01	0.01	14.31	14.31	-66	0.01	0.01	13.89	13.89
-65	0.01	0.01	13.89	13.89	-64	0.01	0.01	13.89	13.89	-63	0.01	0.01	13.89	13.89	-62	0.01	0.01	13.89	13.89	-61	0.01	0.01	13.89	13.89
-60	0.01	0.01	13.89	13.89	-59	0.01	0.01	13.89	13.89	-58	0.01	0.01	9.28	9.28	-57	0.01	0.01	9.28	9.28	-56	0.01	0.01	9.26	9.26
-55	0.01	0.01	9.26	9.26	-54	0.01	0.01	13.87	13.87	-53	0.01	0.01	13.87	13.87	-52	0.01	0.01	13.87	13.87	-51	0.01	0.01	13.87	13.87
-50	0.01	0.01	13.87	13.87	-49	0.01	0.01	13.87	13.87	-48	0.01	0.01	13.87	13.87	-47	0.01	0.01	13.87	13.87	-45	0.05	0.05	52.24	52.24
-29	0.03	0.03	33.26	33.26	-26	0.03	0.03	33.25	33.25	-18	0.02	0.02	21.29	21.29	-15	0.03	0.03	31.29	31.29	-14	0.03	0.03	31.29	31.29
-13	0.03	0.03	31.29	31.29	-12	0.03	0.03	31.29	31.29	-11	0.02	0.02	21.32	21.32	-10	0.02	0.02	21.29	21.29	-9	0.03	0.03	31.23	31.23
-8	0.03	0.03	31.23	31.23	-7	0.03	0.03	31.23	31.23	-6	0.03	0.03	31.23	31.23	-3	0.02	0.02	21.29	21.29	201	0.03	0.03	31.23	31.23
202	0.02	0.02	22.03	22.03	203	0.05	0.05	52.27	52.27															

Totali forze sismiche

Fx <daN>	Fy <daN>
1001.30	1001.30

Elenco forze sismiche nodali allo SND

Nodo	cx	cy	Fx <daN>	Fy <daN>	Nodo	cx	cy	Fx <daN>	Fy <daN>	Nodo	cx	cy	Fx <daN>	Fy <daN>	Nodo	cx	cy	Fx <daN>	Fy <daN>	Nodo	cx	cy	Fx <daN>	Fy <daN>
-80	0.01	0.01	34.83	34.83	-79	0.01	0.01	34.83	34.83	-78	0.01	0.01	33.80	33.80	-77	0.01	0.01	33.80	33.80	-76	0.01	0.01	35.87	35.87
-75	0.01	0.01	35.87	35.87	-74	0.01	0.01	35.87	35.87	-73	0.01	0.01	35.87	35.87	-72	0.01	0.01	34.86	34.86	-71	0.01	0.01	23.61	23.61
-70	0.01	0.01	23.61	23.61	-69	0.01	0.01	23.61	23.61	-68	0.01	0.01	23.61	23.61	-67	0.01	0.01	34.86	34.86	-66	0.01	0.01	33.85	33.85
-65	0.01	0.01	33.85	33.85	-64	0.01	0.01	33.85	33.85	-63	0.01	0.01	33.85	33.85	-62	0.01	0.01	33.85	33.85	-61	0.01	0.01	33.85	33.85
-60	0.01	0.01	33.85	33.85	-59	0.01	0.01	33.85	33.85	-58	0.01	0.01	22.60	22.60	-57	0.01	0.01	22.60	22.60	-56	0.01	0.01	22.57	22.57
-55	0.01	0.01	22.57	22.57	-54	0.01	0.01	33.80	33.80	-53	0.01	0.01	33.80	33.80	-52	0.01	0.01	33.80	33.80	-51	0.01	0.01	33.80	33.80
-50	0.01	0.01	33.80	33.80	-49	0.01	0.01	33.80	33.80	-48	0.01	0.01	33.80	33.80	-47	0.01	0.01	33.80	33.80	-45	0.05	0.05	127.29	127.29
-29	0.03	0.03	81.03	81.03	-26	0.03	0.03	81.03	81.03	-18	0.02	0.02	51.87	51.87	-15	0.03	0.03	76.24	76.24	-14	0.03	0.03	76.24	76.24
-13	0.03	0.03	76.24	76.24	-12	0.03	0.03	76.24	76.24	-11	0.02	0.02	51.95	51.95	-10	0.02	0.02	51.89	51.89	-9	0.03	0.03	76.11	76.11
-8	0.03	0.03	76.11	76.11	-7	0.03	0.03	76.11	76.11	-6	0.03	0.03	76.11	76.11	-3	0.02	0.02	51.87	51.87	201	0.03	0.03	76.11	76.11
202	0.02	0.02	53.69	53.69	203	0.05	0.05	127.36	127.36															

Totali forze sismiche

Fx <daN>	Fy <daN>
2439.92	2439.92

Domanda in duttilità di curvatura

Direzione X $\mu_{Ed,X}$=1.20
Direzione Y $\mu_{Ed,Y}$=1.20

Reazioni vincolari

Simbologia
CC = Numero della combinazione delle condizioni di carico elementari
Fx = Reazione vincolare (forza) in dir. X
Fy = Reazione vincolare (forza) in dir. Y
Fz = Reazione vincolare (forza) in dir. Z
Mx = Reazione vincolare (momento) intorno all'asse X
My = Reazione vincolare (momento) intorno all'asse Y
Mz = Reazione vincolare (momento) intorno all'asse Z
Nodo = Numero del nodo
TCC = Tipo di combinazione di carico
SLU = Stato limite ultimo
SLE R = Stato limite d'esercizio, combinazione rara
SLE F = Stato limite d'esercizio, combinazione frequente
SLE Q = Stato limite d'esercizio, combinazione quasi permanente
SLD = Stato limite di danno
SND = Stato limite di salvaguardia della vita (non dissipativo)

Nodo		CC	TCC	Fx <daN>	CC	TCC	Fy <daN>	CC	TCC	Fz <daN>	CC	TCC	Mx <daNm>	CC	TCC	My <daNm>	CC	TCC	Mz <daNm>
2	Max	5	SND	877.85	13	SND	866.05	29	SLU	6832.98	9	SND	2833.68	5	SND	1651.42	9	SND	0.42
2	Min	1	SND	-1087.85	9	SND	-866.05	25	SLE F	1507.89	13	SND	-2833.68	15	SND	-1904.54	1	SND	-0.42
3	Max	5	SND	806.48	13	SND	751.62	29	SLU	5947.23	9	SND	2499.76	5	SND	1573.13	15	SND	0.26
3	Min	1	SND	-693.75	9	SND	-751.62	5	SND	1291.33	13	SND	-2499.77	9	SND	-1474.35	1	SND	-0.26
315	Max	5	SND	755.60	13	SND	822.25	29	SLU	6563.62	11	SND	2718.29	5	SND	1518.31	15	SND	0.42
315	Min	1	SND	-658.32	9	SND	-822.25	25	SLE F	1413.89	13	SND	-2718.29	9	SND	-1436.43	1	SND	-0.42

Sollecitazioni aste

Simbologia
Asta = Numero dell'asta
CC = Numero della combinazione delle condizioni di carico elementari
Mx = Momento torcente intorno all'asse X
My = Momento flettente intorno all'asse Y
Mz = Momento flettente intorno all'asse Z
N = Sforzo normale
N1 = Nodo1
N2 = Nodo2
Ty = Taglio in dir. Y
Tz = Taglio in dir. Z
X = Coordinata progressiva rispetto al nodo iniziale

Tipo di combinazione di carico: SND

Asta	N1	N2		X <cm>	N <daN>	CC	Ty <daN>	CC	Mz <daNm>	CC	Tz <daN>	CC	My <daNm>	CC	Mx <daNm>	CC
1	315	-45	Max	0.00	-1498.65	1	658.32	1	1518.31	5	822.25	9	2718.29	13	0.42	9
1	315	-45	Max	330.00	-1309.41	1	658.32	1	736.03	1	822.25	9	4.85	15	0.42	9
1	315	-45	Min.	0.00	-1876.44	5	-755.60	5	-1436.43	1	-822.25	13	-2718.29	11	-0.42	15
1	315	-45	Min.	330.00	-1687.21	5	-755.60	5	-975.16	5	-822.25	13	-4.85	9	-0.42	15
2	2	202	Max	0.00	-1725.88	1	1087.85	1	1651.42	5	866.05	9	2833.68	13	0.42	15
2	2	202	Max	330.00	-1536.64	1	1087.85	1	1685.37	1	866.05	9	24.29	11	0.42	15
2	2	202	Min.	0.00	-1854.25	5	-877.85	5	-1904.54	1	-866.05	13	-2833.68	11	-0.42	9
2	2	202	Min.	330.00	-1665.01	5	-877.85	5	-1245.48	5	-866.05	13	-24.29	13	-0.42	9
3	3	203	Max	0.00	-1291.33	5	693.75	1	1573.13	5	751.62	9	2499.77	13	0.26	9
3	3	203	Max	330.00	-1102.09	5	693.75	1	815.01	1	751.62	9	19.44	15	0.26	9
3	3	203	Min.	0.00	-1797.50	1	-806.48	5	-1474.35	1	-751.62	13	-2499.76	9	-0.26	15
3	3	203	Min.	330.00	-1608.26	1	-806.48	5	-1088.24	5	-751.62	13	-19.44	9	-0.26	15
201	-3	-29	Max	0.00	99.09	5	99.09	9	0.00	5	-157.50	1	0.00	1	0.00	1
201	-3	-29	Max	144.80	99.09	5	99.09	9	143.48	9	-227.34	1	-278.62	1	0.00	1
201	-3	-29	Min.	0.00	-99.09	1	-99.09	13	0.00	1	-157.50	1	0.00	5	0.00	1
201	-3	-29	Min.	144.80	-99.09	1	-99.09	13	-143.48	13	-227.34	1	-278.62	1	0.00	1
201	-29	-45	Max	0.00	251.86	5	251.86	9	143.48	11	-454.17	1	-278.62	1	0.00	1
201	-29	-45	Max	144.80	251.86	5	251.86	9	508.17	11	-524.01	1	-986.83	1	0.00	1
201	-29	-45	Min.	0.00	-251.86	1	-251.86	13	-143.48	13	-454.17	1	-278.62	1	0.00	1
201	-29	-45	Min.	144.80	-251.86	1	-251.86	13	-508.17	13	-524.01	1	-986.83	1	0.00	1
202	-45	201	Max	0.00	209.51	1	373.44	13	508.59	11	942.22	5	-250.79	1	4.85	15
202	-45	201	Max	132.57	209.51	1	373.44	13	13.53	11	878.29	5	455.06	1	4.85	15
202	-45	201	Min.	0.00	-306.78	5	-373.44	9	-508.59	13	564.43	1	-1961.99	5	-4.85	9
202	-45	201	Min.	132.57	-306.78	5	-373.44	9	-13.53	13	500.49	1	-755.29	5	-4.85	9
202	201	-6	Max	0.00	65.81	1	229.74	13	13.53	11	663.17	5	455.07	1	4.85	15
202	201	-6	Max	132.57	65.81	1	229.74	13	291.03	13	599.23	5	790.99	1	4.85	15
202	201	-6	Min.	0.00	-163.08	5	-229.74	11	-13.53	13	285.37	1	-755.29	5	-4.85	9
202	201	-6	Min.	132.57	-163.08	5	-229.74	11	-291.03	9	221.43	1	81.47	7	-4.85	9
202	-6	-7	Max	0.00	-19.38	7	86.04	13	291.02	15	384.12	5	790.99	1	4.85	15
202	-6	-7	Max	13.10					-90.69	1			791.40	1		
202	-6	-7	Max	132.57	-19.38	7	86.04	13	405.08	13	320.18	5	756.98	1	4.85	15
202	-6	-7	Min.	0.00	-77.89	1	-86.04	11	-291.02	9	6.32	1	81.45	7	-4.85	9
202	-6	-7	Min.	13.10					-90.69	1			791.40	1		
202	-6	-7	Min.	132.57	-77.89	1	-86.04	11	-405.08	9	-57.62	1	548.28	5	-4.85	9
202	-7	-8	Max	0.00	124.32	5	57.66	9	405.08	15	105.06	5	756.98	1	4.85	15
202	-7	-8	Max	132.57	124.32	5	57.66	9	328.65	13	41.12	7	645.18	5	4.85	15
202	-7	-8	Min.	0.00	-221.59	1	-57.66	15	-405.08	9	-272.74	1	548.29	5	-4.85	9
202	-7	-8	Min.	132.57	-221.59	1	-57.66	15	-328.65	9	-336.68	1	353.04	1	-4.85	9
202	-8	-9	Max	0.00	268.01	5	201.36	9	328.64	15	-174.00	5	645.18	5	4.85	15
202	-8	-9	Max	132.57	268.01	5	201.36	9	61.71	13	-237.94	5	372.14	5	4.85	15
202	-8	-9	Min.	0.00	-365.29	1	-201.36	15	-328.64	9	-551.80	1	353.03	1	-4.85	9
202	-8	-9	Min.	132.57	-365.29	1	-201.36	15	-61.71	11	-615.73	1	-420.85	1	-4.85	9
202	-9	-10	Max	0.00	411.71	5	345.06	9	61.72	15	-453.05	5	372.16	5	4.85	15
202	-9	-10	Max	132.57	411.71	5	345.06	9	395.70	9	-516.99	5	-270.81	5	4.85	15
202	-9	-10	Min.	0.00	-508.99	1	-345.06	13	-61.72	9	-830.85	1	-420.81	1	-4.85	9
202	-9	-10	Min.	132.57	-508.99	1	-345.06	13	-395.70	13	-894.78	1	-1564.61	1	-4.85	9
202	-10	202	Max	0.00	508.75	5	442.09	9	395.72	9	-668.63	5	-270.83	5	4.85	15
202	-10	202	Max	20.00	508.75	5	442.09	9	484.14	9	-678.28	5	-405.52	5	4.85	15
202	-10	202	Min.	0.00	-606.02	1	-442.09	13	-395.72	13	-1046.43	1	-1564.65	1	-4.85	9
202	-10	202	Min.	20.00	-606.02	1	-442.09	13	-484.14	13	-1056.08	1	-1774.90	1	-4.85	9
203	202	-11	Max	0.00	428.14	1	370.27	13	483.72	9	986.73	5	-89.53	1	19.44	11
203	202	-11	Max	20.00	428.14	1	370.27	13	409.67	9	977.09	5	5.62	1	19.44	11
203	202	-11	Min.	0.00	-315.41	5	-370.27	9	-483.72	13	480.56	1	-1651.00	5	-19.44	13
203	202	-11	Min.	20.00	-315.41	5	-370.27	9	-409.67	13	470.92	1	-1454.61	5	-19.44	13
203	-11	-12	Max	0.00	330.98	1	273.11	13	409.67	9	825.28	5	5.62	1	19.44	11
203	-11	-12	Max	132.90	330.98	1	273.11	13	46.70	9	761.19	5	387.13	1	19.44	11
203	-11	-12	Min.	0.00	-218.25	5	-273.11	9	-409.67	13	319.12	1	-1454.62	5	-19.44	13
203	-11	-12	Min.	132.90	-218.25	5	-273.11	9	-46.70	15	255.02	1	-400.41	5	-19.44	13
203	-12	-13	Max	0.00	187.03	1	129.16	13	46.70	9	545.75	5	387.13	1	19.44	11
203	-12	-13	Max	82.07					-17.79	1			403.37	1		
203	-12	-13	Max	132.90	187.03	1	129.16	13	124.95	13	481.65	5	397.14	1	19.44	11
203	-12	-13	Min.	0.00	-74.30	5	-129.16	11	-46.70	13	39.58	1	-400.41	5	-19.44	13
203	-12	-13	Min.	82.07					-17.79	1			403.37	1		
203	-12	-13	Min.	132.90	-74.30	5	-129.16	11	-124.95	11	-24.52	1	282.30	5	-19.44	13
203	-13	-14	Max	0.00	69.64	5	14.78	9	124.95	13	266.21	5	397.14	1	19.44	11
203	-13	-14	Max	132.90	69.64	5	14.78	9	105.31	13	202.12	5	593.51	5	19.44	11
203	-13	-14	Min.	0.00	43.09	1	-14.78	15	-124.95	11	-239.95	1	282.30	5	-19.44	13
203	-13	-14	Min.	132.90	43.09	1	-14.78	15	-105.31	11	-304.05	1	35.65	1	-19.44	13
203	-14	-15	Max	0.00	213.59	5	158.73	9	105.31	13	-13.32	7	593.51	5	19.44	11
203	-14	-15	Max	132.90	213.59	5	158.73	9	105.65	9	-77.42	5	533.21	5	19.44	11
203	-14	-15	Min.	0.00	-100.86	1	-158.73	15	-105.31	11	-519.49	1	35.65	1	-19.44	13
203	-14	-15	Min.	132.90	-100.86	1	-158.73	15	-105.65	15	-583.59	1	-697.35	1	-19.44	13
203	-15	203	Max	0.00	357.54	5	302.68	9	105.65	9	-292.85	5	533.21	5	19.44	11
203	-15	203	Max	132.90	357.54	5	302.68	9	507.90	9	-356.95	5	101.42	7	19.44	11
203	-15	203	Min.	0.00	-244.81	1	-302.68	13	-105.65	15	-799.02	1	-697.35	1	-19.44	13
203	-15	203	Min.	132.90	-244.81	1	-302.68	13	-507.90	15	-863.12	1	-1801.84	1	-19.44	13
204	203	-26	Max	0.00	251.86	1	251.86	13	508.17	9	524.01	1	-986.83	1	0.00	1
204	203	-26	Max	144.80	251.86	1	251.86	13	143.48	9	454.17	1	-278.62	1	0.00	1
204	203	-26	Min.	0.00	-251.86	5	-251.86	9	-508.17	15	524.01	1	-986.83	1	0.00	1
204	203	-26	Min.	144.80	-251.86	5	-251.86	9	-143.48	15	454.17	1	-278.62	1	0.00	1
204	-26	-18	Max	0.00	99.09	1	99.09	13	143.48	9	227.34	1	-278.62	1	0.00	1
204	-26	-18	Max	144.80	99.09	1	99.09	13	0.00	9	157.50	1	0.00	1	0.00	1

204	-26	-18	Min.	0.00	-99.09	5	-99.09	9	-143.48	13	227.34	1	-278.62	1	0.00	1
204	-26	-18	Min.	144.80	-99.09	5	-99.09	9	0.00	15	157.50	1	0.00	5	0.00	1
301	-45	-79	Max	0.00	34.83	13	34.83	5	52.25	1	110.49	1	-101.46	1	0.00	13
301	-45	-79	Max	150.00	34.83	13	34.83	5	0.00	1	24.80	1	0.00	1	0.00	13
301	-45	-79	Min.	0.00	-34.83	9	-34.83	1	-52.25	5	110.49	1	-101.46	1	0.00	9
301	-45	-79	Min.	150.00	-34.83	9	-34.83	1	0.00	5	24.80	1	0.00	1	0.00	9
301	-80	-45	Max	0.00	34.83	9	34.83	1	0.00	5	-24.80	1	0.00	9	0.00	1
301	-80	-45	Max	150.00	34.83	9	34.83	1	52.25	1	-110.49	1	-101.46	1	0.00	1
301	-80	-45	Min.	0.00	-34.83	13	-34.83	5	0.00	1	-24.80	1	0.00	13	0.00	1
301	-80	-45	Min.	150.00	-34.83	13	-34.83	5	-52.25	5	-110.49	1	-101.46	1	0.00	1
302	-3	-69	Max	0.00	23.61	13	23.61	5	35.41	1	78.75	1	-68.77	1	0.00	1
302	-3	-69	Max	150.00	23.61	13	23.61	5	0.00	1	12.95	1	0.00	1	0.00	1
302	-3	-69	Min.	0.00	-23.61	9	-23.61	1	-35.41	5	78.75	1	-68.77	1	0.00	1
302	-3	-69	Min.	150.00	-23.61	9	-23.61	1	0.00	5	12.95	1	0.00	1	0.00	1
302	-68	-3	Max	0.00	23.61	9	23.61	1	0.00	3	-12.95	1	0.00	1	0.00	1
302	-68	-3	Max	150.00	23.61	9	23.61	1	35.41	1	-78.75	1	-68.77	1	0.00	1
302	-68	-3	Min.	0.00	-23.61	13	-23.61	5	0.00	5	-12.95	1	0.00	7	0.00	1
302	-68	-3	Min.	150.00	-23.61	13	-23.61	5	-35.41	5	-78.75	1	-68.77	1	0.00	1
303	-29	-76	Max	0.00	35.87	13	35.87	5	53.80	1	113.42	1	-104.48	1	0.00	1
303	-29	-76	Max	150.00	35.87	13	35.87	5	0.00	1	25.89	1	0.00	1	0.00	1
303	-29	-76	Min.	0.00	-35.87	9	-35.87	1	-53.80	5	113.42	1	-104.48	1	0.00	1
303	-29	-76	Min.	150.00	-35.87	9	-35.87	1	0.00	5	25.89	1	0.00	1	0.00	1
303	-75	-29	Max	0.00	35.87	9	35.87	1	0.00	1	-25.89	1	0.00	9	0.00	1
303	-75	-29	Max	150.00	35.87	9	35.87	1	53.80	1	-113.42	1	-104.48	1	0.00	1
303	-75	-29	Min.	0.00	-35.87	13	-35.87	5	0.00	7	-25.89	1	0.00	13	0.00	1
303	-75	-29	Min.	150.00	-35.87	13	-35.87	5	-53.80	5	-113.42	1	-104.48	1	0.00	1
304	201	-77	Max	0.00	33.80	13	33.80	5	50.69	1	107.56	1	-98.45	1	0.00	1
304	201	-77	Max	150.00	33.80	13	33.80	5	0.00	5	23.70	1	0.00	1	0.00	1
304	201	-77	Min.	0.00	-33.80	9	-33.80	1	-50.69	5	107.56	1	-98.45	1	0.00	1
304	201	-77	Min.	150.00	-33.80	9	-33.80	1	0.00	1	23.70	1	0.00	1	0.00	1
304	-78	201	Max	0.00	33.80	9	33.80	1	0.00	3	-23.70	1	0.00	9	0.00	1
304	-78	201	Max	150.00	33.80	9	33.80	1	50.69	1	-107.56	1	-98.45	1	0.00	1
304	-78	201	Min.	0.00	-33.80	13	-33.80	5	0.00	5	-23.70	1	0.00	15	0.00	1
304	-78	201	Min.	150.00	-33.80	13	-33.80	5	-50.69	5	-107.56	1	-98.45	1	0.00	1
305	-6	-48	Max	0.00	33.80	13	33.80	5	50.69	1	107.56	1	-98.45	1	0.00	1
305	-6	-48	Max	150.00	33.80	13	33.80	5	0.00	5	23.70	1	0.00	1	0.00	1
305	-6	-48	Min.	0.00	-33.80	9	-33.80	1	-50.69	5	107.56	1	-98.45	1	0.00	1
305	-6	-48	Min.	150.00	-33.80	9	-33.80	1	0.00	1	23.70	1	0.00	1	0.00	1
305	-47	-6	Max	0.00	33.80	9	33.80	1	0.00	13	-23.70	1	0.00	9	0.00	1
305	-47	-6	Max	150.00	33.80	9	33.80	1	50.69	1	-107.56	1	-98.45	1	0.00	1
305	-47	-6	Min.	0.00	-33.80	13	-33.80	5	0.00	9	-23.70	1	0.00	13	0.00	1
305	-47	-6	Min.	150.00	-33.80	13	-33.80	5	-50.69	5	-107.56	1	-98.45	1	0.00	1
306	-7	-50	Max	0.00	33.80	13	33.80	5	50.69	1	107.56	1	-98.45	1	0.00	1
306	-7	-50	Max	150.00	33.80	13	33.80	5	0.00	5	23.70	1	0.00	1	0.00	1
306	-7	-50	Min.	0.00	-33.80	9	-33.80	1	-50.69	5	107.56	1	-98.45	1	0.00	1
306	-7	-50	Min.	150.00	-33.80	9	-33.80	1	0.00	1	23.70	1	0.00	1	0.00	1
306	-49	-7	Max	0.00	33.80	9	33.80	1	0.00	1	-23.70	1	0.00	5	0.00	1
306	-49	-7	Max	150.00	33.80	9	33.80	1	50.69	1	-107.56	1	-98.45	1	0.00	1
306	-49	-7	Min.	0.00	-33.80	13	-33.80	5	0.00	5	-23.70	1	0.00	1	0.00	1
306	-49	-7	Min.	150.00	-33.80	13	-33.80	5	-50.69	5	-107.56	1	-98.45	1	0.00	1
307	-8	-52	Max	0.00	33.80	13	33.80	5	50.69	1	107.56	1	-98.45	1	0.00	1
307	-8	-52	Max	150.00	33.80	13	33.80	5	0.00	5	23.70	1	0.00	1	0.00	1
307	-8	-52	Min.	0.00	-33.80	9	-33.80	1	-50.69	5	107.56	1	-98.45	1	0.00	1
307	-8	-52	Min.	150.00	-33.80	9	-33.80	1	0.00	1	23.70	1	0.00	1	0.00	1
307	-51	-8	Max	0.00	33.80	9	33.80	1	0.00	5	-23.70	1	0.00	1	0.00	1
307	-51	-8	Max	150.00	33.80	9	33.80	1	50.69	1	-107.56	1	-98.45	1	0.00	1
307	-51	-8	Min.	0.00	-33.80	13	-33.80	5	0.00	1	-23.70	1	0.00	1	0.00	1
307	-51	-8	Min.	150.00	-33.80	13	-33.80	5	-50.69	5	-107.56	1	-98.45	1	0.00	1
308	-9	-54	Max	0.00	33.80	13	33.80	5	50.69	1	107.56	1	-98.45	1	0.00	1
308	-9	-54	Max	150.00	33.80	13	33.80	5	0.00	5	23.70	1	0.00	1	0.00	1
308	-9	-54	Min.	0.00	-33.80	9	-33.80	1	-50.69	5	107.56	1	-98.45	1	0.00	1
308	-9	-54	Min.	150.00	-33.80	9	-33.80	1	0.00	1	23.70	1	0.00	1	0.00	1
308	-53	-9	Max	0.00	33.80	9	33.80	1	0.00	1	-23.70	1	0.00	1	0.00	1
308	-53	-9	Max	150.00	33.80	9	33.80	1	50.69	1	-107.56	1	-98.45	1	0.00	1
308	-53	-9	Min.	0.00	-33.80	13	-33.80	5	0.00	1	-23.70	1	0.00	1	0.00	1
308	-53	-9	Min.	150.00	-33.80	13	-33.80	5	-50.69	5	-107.56	1	-98.45	1	0.00	1
309	-10	-56	Max	0.00	22.57	13	22.57	5	33.86	1	75.82	1	-65.76	1	0.00	1
309	-10	-56	Max	150.00	22.57	13	22.57	5	0.00	1	11.85	1	0.00	1	0.00	1
309	-10	-56	Min.	0.00	-22.57	9	-22.57	1	-33.86	5	75.82	1	-65.76	1	0.00	1
309	-10	-56	Min.	150.00	-22.57	9	-22.57	1	0.00	5	11.85	1	0.00	1	0.00	1
309	-55	-10	Max	0.00	22.57	9	22.57	1	0.00	7	-11.85	1	0.00	13	0.00	1
309	-55	-10	Max	150.00	22.57	9	22.57	1	33.86	1	-75.82	1	-65.76	1	0.00	1
309	-55	-10	Min.	0.00	-22.57	13	-22.57	5	0.00	1	-11.85	1	0.00	9	0.00	1
309	-55	-10	Min.	150.00	-22.57	13	-22.57	5	-33.86	5	-75.82	1	-65.76	1	0.00	1
310	-11	-58	Max	0.00	22.60	13	22.60	5	33.90	1	75.90	1	-65.84	1	0.00	1
310	-11	-58	Max	150.00	22.60	13	22.60	5	0.00	5	11.88	1	0.00	9	0.00	1
310	-11	-58	Min.	0.00	-22.60	9	-22.60	1	-33.90	5	75.90	1	-65.84	1	0.00	1
310	-11	-58	Min.	150.00	-22.60	9	-22.60	1	0.00	1	11.88	1	0.00	13	0.00	1
310	-57	-11	Max	0.00	22.60	9	22.60	1	0.00	1	-11.88	1	0.00	1	0.00	1
310	-57	-11	Max	150.00	22.60	9	22.60	1	33.90	1	-75.90	1	-65.84	1	0.00	1
310	-57	-11	Min.	0.00	-22.60	13	-22.60	5	0.00	1	-11.88	1	0.00	1	0.00	1
310	-57	-11	Min.	150.00	-22.60	13	-22.60	5	-33.90	5	-75.90	1	-65.84	1	0.00	1
311	-12	-60	Max	0.00	33.85	13	33.85	5	50.78	1	107.72	1	-98.61	1	0.00	1
311	-12	-60	Max	150.00	33.85	13	33.85	5	0.00	1	23.76	1	0.00	1	0.00	1
311	-12	-60	Min.	0.00	-33.85	9	-33.85	1	-50.78	5	107.72	1	-98.61	1	0.00	1
311	-12	-60	Min.	150.00	-33.85	9	-33.85	1	0.00	5	23.76	1	0.00	13	0.00	1
311	-59	-12	Max	0.00	33.85	9	33.85	1	0.00	3	-23.76	1	0.00	13	0.00	1
311	-59	-12	Max	150.00	33.85	9	33.85	1	50.78	1	-107.72	1	-98.61	1	0.00	1
311	-59	-12	Min.	0.00	-33.85	13	-33.85	5	0.00	5	-23.76	1	0.00	9	0.00	1
311	-59	-12	Min.	150.00	-33.85	13	-33.85	5	-50.78	5	-107.72	1	-98.61	1	0.00	1
312	-13	-62	Max	0.00	33.85	13	33.85	5	50.78	1	107.72	1	-98.61	1	0.00	1
312	-13	-62	Max	150.00	33.85	13	33.85	5	0.00	1	23.76	1	0.00	1	0.00	1
312	-13	-62	Min.	0.00	-33.85	9	-33.85	1	-50.78	5	107.72	1	-98.61	1	0.00	1
312	-13	-62	Min.	150.00	-33.85	9	-33.85	1	0.00	5	23.76	1	0.00	1	0.00	1
312	-61	-13	Max	0.00	33.85	9	33.85	1	0.00	1	-23.76	1	0.00	1	0.00	1
312	-61	-13	Max	150.00	33.85	9	33.85	1	50.78	1	-107.72	1	-98.61	1	0.00	1
312	-61	-13	Min.	0.00	-33.85	13	-33.85	5	0.00	5	-23.76	1	0.00	1	0.00	1
312	-61	-13	Min.	150.00	-33.85	13	-33.85	5	-50.78	5	-107.72	1	-98.61	1	0.00	1
313	-14	-64	Max	0.00	33.85	13	33.85	5	50.78	1	107.72	1	-98.61	1	0.00	1
313	-14	-64	Max	150.00	33.85	13	33.85	5	0.00	1	23.76	1	0.00	1	0.00	1
313	-14	-64	Min.	0.00	-33.85	9	-33.85	1	-50.78	5	107.72	1	-98.61	1	0.00	1

313	-14	-64	Min.	150.00	-33.85	9	-33.85	1	0.00	5	23.76	1	0.00	1	0.00	1
313	-63	-14	Max	0.00	33.85	9	33.85	1	0.00	7	-23.76	1	0.00	13	0.00	1
313	-63	-14	Max	150.00	33.85	9	33.85	1	50.78	1	-107.72	1	-98.61	1	0.00	1
313	-63	-14	Min.	0.00	-33.85	13	-33.85	5	0.00	1	-23.76	1	0.00	11	0.00	1
313	-63	-14	Min.	150.00	-33.85	13	-33.85	5	-50.78	5	-107.72	1	-98.61	1	0.00	1
314	-15	-66	Max	0.00	33.85	13	33.85	5	50.78	1	107.72	1	-98.61	1	0.00	1
314	-15	-66	Max	150.00	33.85	13	33.85	5	0.00	1	23.76	1	0.00	1	0.00	1
314	-15	-66	Min.	0.00	-33.85	9	-33.85	1	-50.78	5	107.72	1	-98.61	1	0.00	1
314	-15	-66	Min.	150.00	-33.85	9	-33.85	1	0.00	5	23.76	1	0.00	1	0.00	1
314	-65	-15	Max	0.00	33.85	9	33.85	1	0.00	1	-23.76	1	0.00	13	0.00	1
314	-65	-15	Max	150.00	33.85	9	33.85	1	50.78	1	-107.72	1	-98.61	1	0.00	1
314	-65	-15	Min.	0.00	-33.85	13	-33.85	5	0.00	7	-23.76	1	0.00	9	0.00	1
314	-65	-15	Min.	150.00	-33.85	13	-33.85	5	-50.78	5	-107.72	1	-98.61	1	0.00	1
315	203	-67	Max	0.00	34.86	13	34.86	5	52.29	1	110.57	1	-101.55	1	0.00	1
315	203	-67	Max	150.00	34.86	13	34.86	5	0.00	1	24.83	1	0.00	1	0.00	1
315	203	-67	Min.	0.00	-34.86	9	-34.86	1	-52.29	5	110.57	1	-101.55	1	0.00	1
315	203	-67	Min.	150.00	-34.86	9	-34.86	1	0.00	5	24.83	1	0.00	1	0.00	1
315	-72	203	Max	0.00	34.86	9	34.86	1	0.00	5	-24.83	1	0.00	13	0.00	1
315	-72	203	Max	150.00	34.86	9	34.86	1	52.29	1	-110.57	1	-101.55	1	0.00	1
315	-72	203	Min.	0.00	-34.86	13	-34.86	5	0.00	3	-24.83	1	0.00	11	0.00	1
315	-72	203	Min.	150.00	-34.86	13	-34.86	5	-52.29	5	-110.57	1	-101.55	1	0.00	1
316	-26	-74	Max	0.00	35.87	13	35.87	5	53.80	1	113.42	1	-104.48	1	0.00	1
316	-26	-74	Max	150.00	35.87	13	35.87	5	0.00	5	25.89	1	0.00	1	0.00	1
316	-26	-74	Min.	0.00	-35.87	9	-35.87	1	-53.80	5	113.42	1	-104.48	1	0.00	1
316	-26	-74	Min.	150.00	-35.87	9	-35.87	1	0.00	1	25.89	1	0.00	1	0.00	1
316	-73	-26	Max	0.00	35.87	9	35.87	1	0.00	5	-25.89	1	0.00	1	0.00	1
316	-73	-26	Max	150.00	35.87	9	35.87	1	53.80	1	-113.42	1	-104.48	1	0.00	1
316	-73	-26	Min.	0.00	-35.87	13	-35.87	5	0.00	1	-25.89	1	0.00	5	0.00	1
316	-73	-26	Min.	150.00	-35.87	13	-35.87	5	-53.80	5	-113.42	1	-104.48	1	0.00	1
317	-18	-71	Max	0.00	23.61	13	23.61	5	35.41	1	78.75	1	-68.77	1	0.00	1
317	-18	-71	Max	150.00	23.61	13	23.61	5	0.00	13	12.95	1	0.00	5	0.00	1
317	-18	-71	Min.	0.00	-23.61	9	-23.61	1	-35.41	5	78.75	1	-68.77	1	0.00	1
317	-18	-71	Min.	150.00	-23.61	9	-23.61	1	0.00	9	12.95	1	0.00	1	0.00	1
317	-70	-18	Max	0.00	23.61	9	23.61	1	0.00	3	-12.95	1	0.00	13	0.00	1
317	-70	-18	Max	150.00	23.61	9	23.61	1	35.41	1	-78.75	1	-68.77	1	0.00	1
317	-70	-18	Min.	0.00	-23.61	13	-23.61	5	0.00	5	-12.95	1	0.00	9	0.00	1
317	-70	-18	Min.	150.00	-23.61	13	-23.61	5	-35.41	5	-78.75	1	-68.77	1	0.00	1

Tipo di combinazione di carico: SLD

Asta	N1	N2		X <cm>	N <daN>	CC	Ty <daN>	CC	Mz <daNm>	CC	Tz <daN>	CC	My <daNm>	CC	Mx <daNm>	CC
1	315	-45	Max	0.00	-1610.02	2	241.49	2	647.22	6	337.44	10	1115.53	14	0.17	10
1	315	-45	Max	330.00	-1420.79	2	241.49	2	231.56	2	337.44	10	1.99	16	0.17	10
1	315	-45	Min.	0.00	-1765.07	6	-338.76	6	-565.35	2	-337.44	14	-1115.53	10	-0.17	16
1	315	-45	Min.	330.00	-1575.83	6	-338.76	6	-470.68	6	-337.44	14	-1.99	10	-0.17	16
2	2	202	Max	0.00	-1763.72	2	508.34	2	603.09	6	355.41	10	1162.89	14	0.17	16
2	2	202	Max	330.00	-1574.49	2	508.34	2	821.33	2	355.41	10	9.97	12	0.17	16
2	2	202	Min.	0.00	-1816.40	6	-298.34	6	-856.21	2	-355.41	14	-1162.89	10	-0.17	10
2	2	202	Min.	330.00	-1627.17	6	-298.34	6	-381.44	6	-355.41	14	-9.97	14	-0.17	10
3	3	203	Max	0.00	-1440.55	6	251.47	2	674.70	6	308.45	10	1025.86	14	0.11	10
3	3	203	Max	330.00	-1251.32	6	251.47	2	253.92	2	308.45	10	7.98	16	0.11	10
3	3	203	Min.	0.00	-1648.28	2	-364.19	6	-575.92	2	-308.45	14	-1025.85	10	-0.11	16
3	3	203	Min.	330.00	-1459.04	2	-364.19	6	-527.14	6	-308.45	14	-7.98	10	-0.11	16
201	-3	-29	Max	0.00	40.66	6	40.66	10	0.00	6	-157.50	2	0.00	2	0.00	2
201	-3	-29	Max	144.80	40.66	6	40.66	10	58.88	12	-227.34	2	-278.62	2	0.00	2
201	-3	-29	Min.	0.00	-40.66	2	-40.66	14	0.00	2	-157.50	2	0.00	6	0.00	2
201	-3	-29	Min.	144.80	-40.66	2	-40.66	14	-58.88	14	-227.34	2	-278.62	2	0.00	2
201	-29	-45	Max	0.00	103.36	6	103.36	10	58.88	12	-454.17	2	-278.62	2	0.00	2
201	-29	-45	Max	144.80	103.36	6	103.36	10	208.54	10	-524.01	2	-986.83	2	0.00	2
201	-29	-45	Min.	0.00	-103.36	2	-103.36	14	-58.88	14	-454.17	2	-278.62	2	0.00	2
201	-29	-45	Min.	144.80	-103.36	2	-103.36	14	-208.54	14	-524.01	2	-986.83	2	0.00	2
202	-45	201	Max	0.00	57.30	2	153.25	14	208.72	12	830.85	6	-755.27	2	1.99	16
202	-45	201	Max	132.57	57.30	2	153.25	14	5.55	12	766.91	6	98.24	2	1.99	16
202	-45	201	Min.	0.00	-154.57	6	-153.25	10	-208.72	14	675.80	2	-1457.51	6	-1.99	10
202	-45	201	Min.	132.57	-154.57	6	-153.25	10	-5.55	14	611.87	2	-398.47	6	-1.99	10
202	201	-6	Max	0.00	-1.67	4	94.28	14	5.55	12	551.79	6	98.24	2	1.99	16
202	201	-6	Max	132.57	-1.67	4	94.28	14	119.43	16	487.85	6	581.82	2	1.99	16
202	201	-6	Min.	0.00	-95.60	6	-94.28	12	-5.55	14	396.75	2	-398.46	6	-1.99	10
202	201	-6	Min.	132.57	-95.60	6	-94.28	12	-119.43	10	332.81	2	290.64	6	-1.99	10
202	-6	-7	Max	0.00	-36.63	6	35.31	14	119.43	16	272.74	6	581.81	2	1.99	16
202	-6	-7	Max	132.57	-36.63	6	35.31	14	166.24	14	208.80	6	695.45	2	1.99	16
202	-6	-7	Min.	0.00	-60.64	2	-35.31	12	-119.43	10	117.70	2	290.63	6	-1.99	10
202	-6	-7	Min.	132.57	-60.64	2	-35.31	12	-166.24	10	53.76	2	609.81	6	-1.99	10
202	-7	-8	Max	0.00	22.34	6	23.66	10	166.24	16	-6.32	8	695.46	2	1.99	16
202	-7	-8	Max	132.57	22.34	6	23.66	10	134.87	14	-70.26	6	559.06	6	1.99	16
202	-7	-8	Min.	0.00	-119.61	2	-23.66	16	-166.24	10	-161.36	2	609.81	6	-1.99	10
202	-7	-8	Min.	132.57	-119.61	2	-23.66	16	-134.87	10	-225.30	2	439.17	2	-1.99	10
202	-8	-9	Max	0.00	81.31	6	82.63	10	134.87	16	-285.38	6	559.05	6	1.99	16
202	-8	-9	Max	132.57	81.31	6	82.63	10	25.33	14	-349.31	6	138.36	6	1.99	16
202	-8	-9	Min.	0.00	-178.59	2	-82.63	16	-134.87	10	-440.42	2	439.16	2	-1.99	10
202	-8	-9	Min.	132.57	-178.59	2	-82.63	16	-25.33	12	-504.35	2	-187.07	2	-1.99	10
202	-9	-10	Max	0.00	140.28	6	141.60	10	25.33	16	-564.43	6	138.38	6	1.99	16
202	-9	-10	Max	132.57	140.28	6	141.60	10	162.39	10	-628.37	6	-652.24	6	1.99	16
202	-9	-10	Min.	0.00	-237.56	2	-141.60	14	-25.33	10	-719.47	2	-187.03	2	-1.99	10
202	-9	-10	Min.	132.57	-237.56	2	-141.60	14	-162.39	16	-783.41	2	-1183.19	2	-1.99	10
202	-10	202	Max	0.00	180.10	6	181.43	10	162.40	10	-780.01	6	-652.26	6	1.99	16
202	-10	202	Max	20.00	180.10	6	181.43	10	198.68	10	-789.66	6	-809.23	6	1.99	16
202	-10	202	Min.	0.00	-277.38	2	-181.43	14	-162.40	14	-935.05	2	-1183.22	2	-1.99	10
202	-10	202	Min.	20.00	-277.38	2	-181.43	14	-198.68	14	-944.70	2	-1371.19	2	-1.99	10
203	202	-11	Max	0.00	208.93	2	151.95	14	198.51	10	837.51	6	-549.87	2	7.98	12
203	202	-11	Max	20.00	208.93	2	151.95	14	168.12	10	827.87	6	-424.87	2	7.98	12
203	202	-11	Min.	0.00	-96.20	6	-151.95	10	-198.51	14	629.79	2	-1190.66	6	-7.98	14
203	202	-11	Min.	20.00	-96.20	6	-151.95	10	-168.12	14	620.14	2	-1024.12	6	-7.98	14
203	-11	-12	Max	0.00	169.06	2	112.08	14	168.12	10	676.06	6	-424.87	2	7.98	12
203	-11	-12	Max	132.90	169.06	2	112.08	14	19.17	10	611.96	6	154.96	2	7.98	12
203	-11	-12	Min.	0.00	-56.33	6	-112.08	12	-168.12	14	468.34	2	-1024.13	6	-7.98	14
203	-11	-12	Min.	132.90	-56.33	6	-112.08	12	-19.17	16	404.24	2	-168.23	6	-7.98	14
203	-12	-13	Max	0.00	109.99	2	53.01	14	19.17	10	396.53	6	154.96	2	7.98	12
203	-12	-13	Max	132.90	109.99	2	53.01	14	51.28	14	332.43	6	363.29	2	7.98	12
203	-12	-13	Min.	0.00	2.74	6	-53.01	12	-19.17	16	188.80	2	-168.23	6	-7.98	14

203	-12	-13	Min.	132.90	2.74	6	-53.01	12	-51.28	12	124.71	2	316.16	6	-7.98	14
203	-13	-14	Max	0.00	61.81	6	6.07	10	51.28	14	116.99	6	363.28	2	7.98	12
203	-13	-14	Max	91.83					-45.71	12			352.99	12		
203	-13	-14	Max	132.90	61.81	6	6.07	10	43.22	14	52.89	6	429.05	6	7.98	12
203	-13	-14	Min.	0.00	50.91	2	-6.07	16	-51.28	12	-90.73	2	316.16	6	-7.98	14
203	-13	-14	Min.	91.83					-45.71	12			352.99	12		
203	-13	-14	Min.	132.90	50.91	2	-6.07	16	-43.22	12	-154.83	2	200.11	2	-7.98	14
203	-14	-15	Max	0.00	120.89	6	65.14	10	43.22	14	-162.54	6	429.05	6	7.98	12
203	-14	-15	Max	132.90	120.89	6	65.14	10	43.36	10	-226.64	6	170.43	6	7.98	12
203	-14	-15	Min.	0.00	-8.16	2	-65.14	16	-43.22	12	-370.26	2	200.11	2	-7.98	14
203	-14	-15	Min.	132.90	-8.16	2	-65.14	16	-43.36	16	-434.36	2	-334.56	2	-7.98	14
203	-15	203	Max	0.00	179.96	6	124.21	10	43.36	10	-442.08	6	170.43	6	7.98	12
203	-15	203	Max	132.90	179.96	6	124.21	10	208.43	10	-506.18	6	-459.68	6	7.98	12
203	-15	203	Min.	0.00	-67.23	2	-124.21	16	-43.36	16	-649.80	2	-334.56	2	-7.98	14
203	-15	203	Min.	132.90	-67.23	2	-124.21	16	-208.43	16	-713.90	2	-1240.74	2	-7.98	14
204	203	-26	Max	0.00	103.36	2	103.36	14	208.54	10	524.01	2	-986.83	2	0.00	2
204	203	-26	Max	144.80	103.36	2	103.36	14	58.88	10	454.17	2	-278.62	2	0.00	2
204	203	-26	Min.	0.00	-103.36	6	-103.36	10	-208.54	14	524.01	2	-986.83	2	0.00	2
204	203	-26	Min.	144.80	-103.36	6	-103.36	10	-58.88	16	454.17	2	-278.62	2	0.00	2
204	-26	-18	Max	0.00	40.66	2	40.66	14	58.88	10	227.34	2	-278.62	2	0.00	2
204	-26	-18	Max	144.80	40.66	2	40.66	14	0.00	10	157.50	2	0.00	2	0.00	2
204	-26	-18	Min.	0.00	-40.66	6	-40.66	10	-58.88	16	227.34	2	-278.62	2	0.00	2
204	-26	-18	Min.	144.80	-40.66	6	-40.66	10	0.00	16	157.50	2	0.00	2	0.00	2
301	-45	-79	Max	0.00	14.29	14	14.29	6	21.44	2	110.49	2	-101.46	2	0.00	14
301	-45	-79	Max	150.00	14.29	14	14.29	6	0.00	2	24.80	2	0.00	2	0.00	14
301	-45	-79	Min.	0.00	-14.29	10	-14.29	2	-21.44	6	110.49	2	-101.46	2	0.00	10
301	-45	-79	Min.	150.00	-14.29	10	-14.29	2	0.00	6	24.80	2	0.00	2	0.00	10
301	-80	-45	Max	0.00	14.29	10	14.29	2	0.00	6	-24.80	2	0.00	10	0.00	2
301	-80	-45	Max	150.00	14.29	10	14.29	2	21.44	2	-110.49	2	-101.46	2	0.00	2
301	-80	-45	Min.	0.00	-14.29	14	-14.29	6	0.00	2	-24.80	2	0.00	14	0.00	2
301	-80	-45	Min.	150.00	-14.29	14	-14.29	6	-21.44	6	-110.49	2	-101.46	2	0.00	2
302	-3	-69	Max	0.00	9.69	14	9.69	6	14.53	2	78.75	2	-68.77	2	0.00	2
302	-3	-69	Max	150.00	9.69	14	9.69	6	0.00	2	12.95	2	0.00	2	0.00	2
302	-3	-69	Min.	0.00	-9.69	10	-9.69	2	-14.53	6	78.75	2	-68.77	2	0.00	2
302	-3	-69	Min.	150.00	-9.69	10	-9.69	2	0.00	6	12.95	2	0.00	2	0.00	2
302	-68	-3	Max	0.00	9.69	10	9.69	2	0.00	4	-12.95	2	0.00	2	0.00	2
302	-68	-3	Max	150.00	9.69	10	9.69	2	14.53	2	-78.75	2	-68.77	2	0.00	2
302	-68	-3	Min.	0.00	-9.69	14	-9.69	6	0.00	6	-12.95	2	0.00	8	0.00	2
302	-68	-3	Min.	150.00	-9.69	14	-9.69	6	-14.53	6	-78.75	2	-68.77	2	0.00	2
303	-29	-76	Max	0.00	14.72	14	14.72	6	22.08	2	113.42	2	-104.48	2	0.00	2
303	-29	-76	Max	150.00	14.72	14	14.72	6	0.00	2	25.89	2	0.00	2	0.00	2
303	-29	-76	Min.	0.00	-14.72	10	-14.72	2	-22.08	6	113.42	2	-104.48	2	0.00	2
303	-29	-76	Min.	150.00	-14.72	10	-14.72	2	0.00	6	25.89	2	0.00	2	0.00	2
303	-75	-29	Max	0.00	14.72	10	14.72	2	0.00	2	-25.89	2	0.00	10	0.00	2
303	-75	-29	Max	150.00	14.72	10	14.72	2	22.08	2	-113.42	2	-104.48	2	0.00	2
303	-75	-29	Min.	0.00	-14.72	14	-14.72	6	0.00	8	-25.89	2	0.00	14	0.00	2
303	-75	-29	Min.	150.00	-14.72	14	-14.72	6	-22.08	6	-113.42	2	-104.48	2	0.00	2
304	201	-77	Max	0.00	13.87	14	13.87	6	20.80	2	107.56	2	-98.45	2	0.00	2
304	201	-77	Max	150.00	13.87	14	13.87	6	0.00	6	23.70	2	0.00	2	0.00	2
304	201	-77	Min.	0.00	-13.87	10	-13.87	2	-20.80	6	107.56	2	-98.45	2	0.00	2
304	201	-77	Min.	150.00	-13.87	10	-13.87	2	0.00	2	23.70	2	0.00	2	0.00	2
304	-78	201	Max	0.00	13.87	10	13.87	2	0.00	4	-23.70	2	0.00	10	0.00	2
304	-78	201	Max	150.00	13.87	10	13.87	2	20.80	2	-107.56	2	-98.45	2	0.00	2
304	-78	201	Min.	0.00	-13.87	14	-13.87	6	0.00	6	-23.70	2	0.00	16	0.00	2
304	-78	201	Min.	150.00	-13.87	14	-13.87	6	-20.80	6	-107.56	2	-98.45	2	0.00	2
305	-6	-48	Max	0.00	13.87	14	13.87	6	20.80	2	107.56	2	-98.45	2	0.00	2
305	-6	-48	Max	150.00	13.87	14	13.87	6	0.00	6	23.70	2	0.00	2	0.00	2
305	-6	-48	Min.	0.00	-13.87	10	-13.87	2	-20.80	6	107.56	2	-98.45	2	0.00	2
305	-6	-48	Min.	150.00	-13.87	10	-13.87	2	0.00	2	23.70	2	0.00	2	0.00	2
305	-47	-6	Max	0.00	13.87	10	13.87	2	0.00	14	-23.70	2	0.00	10	0.00	2
305	-47	-6	Max	150.00	13.87	10	13.87	2	20.80	2	-107.56	2	-98.45	2	0.00	2
305	-47	-6	Min.	0.00	-13.87	14	-13.87	6	0.00	10	-23.70	2	0.00	14	0.00	2
305	-47	-6	Min.	150.00	-13.87	14	-13.87	6	-20.80	6	-107.56	2	-98.45	2	0.00	2
306	-7	-50	Max	0.00	13.87	14	13.87	6	20.80	2	107.56	2	-98.45	2	0.00	2
306	-7	-50	Max	150.00	13.87	14	13.87	6	0.00	6	23.70	2	0.00	2	0.00	2
306	-7	-50	Min.	0.00	-13.87	10	-13.87	2	-20.80	6	107.56	2	-98.45	2	0.00	2
306	-7	-50	Min.	150.00	-13.87	10	-13.87	2	0.00	2	23.70	2	0.00	2	0.00	2
306	-49	-7	Max	0.00	13.87	10	13.87	2	0.00	2	-23.70	2	0.00	6	0.00	2
306	-49	-7	Max	150.00	13.87	10	13.87	2	20.80	2	-107.56	2	-98.45	2	0.00	2
306	-49	-7	Min.	0.00	-13.87	14	-13.87	6	0.00	6	-23.70	2	0.00	2	0.00	2
306	-49	-7	Min.	150.00	-13.87	14	-13.87	6	-20.80	6	-107.56	2	-98.45	2	0.00	2
307	-8	-52	Max	0.00	13.87	14	13.87	6	20.80	2	107.56	2	-98.45	2	0.00	2
307	-8	-52	Max	150.00	13.87	14	13.87	6	0.00	6	23.70	2	0.00	2	0.00	2
307	-8	-52	Min.	0.00	-13.87	10	-13.87	2	-20.80	6	107.56	2	-98.45	2	0.00	2
307	-8	-52	Min.	150.00	-13.87	10	-13.87	2	0.00	2	23.70	2	0.00	2	0.00	2
307	-51	-8	Max	0.00	13.87	10	13.87	2	0.00	6	-23.70	2	0.00	2	0.00	2
307	-51	-8	Max	150.00	13.87	10	13.87	2	20.80	2	-107.56	2	-98.45	2	0.00	2
307	-51	-8	Min.	0.00	-13.87	14	-13.87	6	0.00	2	-23.70	2	0.00	2	0.00	2
307	-51	-8	Min.	150.00	-13.87	14	-13.87	6	-20.80	6	-107.56	2	-98.45	2	0.00	2
308	-9	-54	Max	0.00	13.87	14	13.87	6	20.80	2	107.56	2	-98.45	2	0.00	2
308	-9	-54	Max	150.00	13.87	14	13.87	6	0.00	6	23.70	2	0.00	2	0.00	2
308	-9	-54	Min.	0.00	-13.87	10	-13.87	2	-20.80	6	107.56	2	-98.45	2	0.00	2
308	-9	-54	Min.	150.00	-13.87	10	-13.87	2	0.00	2	23.70	2	0.00	2	0.00	2
308	-53	-9	Max	0.00	13.87	10	13.87	2	0.00	2	-23.70	2	0.00	2	0.00	2
308	-53	-9	Max	150.00	13.87	10	13.87	2	20.80	2	-107.56	2	-98.45	2	0.00	2
308	-53	-9	Min.	0.00	-13.87	14	-13.87	6	0.00	2	-23.70	2	0.00	2	0.00	2
308	-53	-9	Min.	150.00	-13.87	14	-13.87	6	-20.80	6	-107.56	2	-98.45	2	0.00	2
309	-10	-56	Max	0.00	9.26	14	9.26	6	13.90	2	75.82	2	-65.76	2	0.00	2
309	-10	-56	Max	150.00	9.26	14	9.26	6	0.00	2	11.85	2	0.00	2	0.00	2
309	-10	-56	Min.	0.00	-9.26	10	-9.26	2	-13.90	6	75.82	2	-65.76	2	0.00	2
309	-10	-56	Min.	150.00	-9.26	10	-9.26	2	0.00	6	11.85	2	0.00	2	0.00	2
309	-55	-10	Max	0.00	9.26	10	9.26	2	0.00	8	-11.85	2	0.00	14	0.00	2
309	-55	-10	Max	150.00	9.26	10	9.26	2	13.90	2	-75.82	2	-65.76	2	0.00	2
309	-55	-10	Min.	0.00	-9.26	14	-9.26	6	0.00	2	-11.85	2	0.00	10	0.00	2
309	-55	-10	Min.	150.00	-9.26	14	-9.26	6	-13.90	6	-75.82	2	-65.76	2	0.00	2
310	-11	-58	Max	0.00	9.28	14	9.28	6	13.91	2	75.90	2	-65.84	2	0.00	2
310	-11	-58	Max	150.00	9.28	14	9.28	6	0.00	6	11.88	2	0.00	2	0.00	2
310	-11	-58	Min.	0.00	-9.28	10	-9.28	2	-13.91	6	75.90	2	-65.84	2	0.00	2
310	-11	-58	Min.	150.00	-9.28	10	-9.28	2	0.00	2	11.88	2	0.00	2	0.00	2
310	-57	-11	Max	0.00	9.28	10	9.28	2	0.00	2	-11.88	2	0.00	2	0.00	2
310	-57	-11	Max	150.00	9.28	10	9.28	2	13.91	2	-75.90	2	-65.84	2	0.00	2

310	-57	-11	Min.	0.00	-9.28	14	-9.28	6	0.00	2	-11.88	2	0.00	2	0.00	2
310	-57	-11	Min.	150.00	-9.28	14	-9.28	6	-13.91	6	-75.90	2	-65.84	2	0.00	2
311	-12	-60	Max	0.00	13.89	14	13.89	6	20.84	2	107.72	2	-98.61	2	0.00	2
311	-12	-60	Max	150.00	13.89	14	13.89	6	0.00	2	23.76	2	0.00	2	0.00	2
311	-12	-60	Min.	0.00	-13.89	10	-13.89	2	-20.84	6	107.72	2	-98.61	2	0.00	2
311	-12	-60	Min.	150.00	-13.89	10	-13.89	2	0.00	6	23.76	2	0.00	2	0.00	2
311	-59	-12	Max	0.00	13.89	10	13.89	2	0.00	4	-23.76	2	0.00	14	0.00	2
311	-59	-12	Max	150.00	13.89	10	13.89	2	20.84	2	-107.72	2	-98.61	2	0.00	2
311	-59	-12	Min.	0.00	-13.89	14	-13.89	6	0.00	6	-23.76	2	0.00	10	0.00	2
311	-59	-12	Min.	150.00	-13.89	14	-13.89	6	-20.84	6	-107.72	2	-98.61	2	0.00	2
312	-13	-62	Max	0.00	13.89	14	13.89	6	20.84	2	107.72	2	-98.61	2	0.00	2
312	-13	-62	Max	150.00	13.89	14	13.89	6	0.00	2	23.76	2	0.00	2	0.00	2
312	-13	-62	Min.	0.00	-13.89	10	-13.89	2	-20.84	6	107.72	2	-98.61	2	0.00	2
312	-13	-62	Min.	150.00	-13.89	10	-13.89	2	0.00	6	23.76	2	0.00	2	0.00	2
312	-61	-13	Max	0.00	13.89	10	13.89	2	0.00	2	-23.76	2	0.00	2	0.00	2
312	-61	-13	Max	150.00	13.89	10	13.89	2	20.84	2	-107.72	2	-98.61	2	0.00	2
312	-61	-13	Min.	0.00	-13.89	14	-13.89	6	0.00	6	-23.76	2	0.00	2	0.00	2
312	-61	-13	Min.	150.00	-13.89	14	-13.89	6	-20.84	6	-107.72	2	-98.61	2	0.00	2
313	-14	-64	Max	0.00	13.89	14	13.89	6	20.84	2	107.72	2	-98.61	2	0.00	2
313	-14	-64	Max	150.00	13.89	14	13.89	6	0.00	2	23.76	2	0.00	2	0.00	2
313	-14	-64	Min.	0.00	-13.89	10	-13.89	2	-20.84	6	107.72	2	-98.61	2	0.00	2
313	-14	-64	Min.	150.00	-13.89	10	-13.89	2	0.00	6	23.76	2	0.00	2	0.00	2
313	-63	-14	Max	0.00	13.89	10	13.89	2	0.00	8	-23.76	2	0.00	14	0.00	2
313	-63	-14	Max	150.00	13.89	10	13.89	2	20.84	2	-107.72	2	-98.61	2	0.00	2
313	-63	-14	Min.	0.00	-13.89	14	-13.89	6	0.00	2	-23.76	2	0.00	12	0.00	2
313	-63	-14	Min.	150.00	-13.89	14	-13.89	6	-20.84	6	-107.72	2	-98.61	2	0.00	2
314	-15	-66	Max	0.00	13.89	14	13.89	6	20.84	2	107.72	2	-98.61	2	0.00	2
314	-15	-66	Max	150.00	13.89	14	13.89	6	0.00	2	23.76	2	0.00	2	0.00	2
314	-15	-66	Min.	0.00	-13.89	10	-13.89	2	-20.84	6	107.72	2	-98.61	2	0.00	2
314	-15	-66	Min.	150.00	-13.89	10	-13.89	2	0.00	6	23.76	2	0.00	2	0.00	2
314	-65	-15	Max	0.00	13.89	10	13.89	2	0.00	2	-23.76	2	0.00	14	0.00	2
314	-65	-15	Max	150.00	13.89	10	13.89	2	20.84	2	-107.72	2	-98.61	2	0.00	2
314	-65	-15	Min.	0.00	-13.89	14	-13.89	6	0.00	8	-23.76	2	0.00	10	0.00	2
314	-65	-15	Min.	150.00	-13.89	14	-13.89	6	-20.84	6	-107.72	2	-98.61	2	0.00	2
315	203	-67	Max	0.00	14.31	14	14.31	6	21.46	2	110.57	2	-101.55	2	0.00	2
315	203	-67	Max	150.00	14.31	14	14.31	6	0.00	2	24.83	2	0.00	2	0.00	2
315	203	-67	Min.	0.00	-14.31	10	-14.31	2	-21.46	6	110.57	2	-101.55	2	0.00	2
315	203	-67	Min.	150.00	-14.31	10	-14.31	2	0.00	6	24.83	2	0.00	2	0.00	2
315	-72	203	Max	0.00	14.31	10	14.31	2	0.00	6	-24.83	2	0.00	14	0.00	2
315	-72	203	Max	150.00	14.31	10	14.31	2	21.46	2	-110.57	2	-101.55	2	0.00	2
315	-72	203	Min.	0.00	-14.31	14	-14.31	6	0.00	4	-24.83	2	0.00	12	0.00	2
315	-72	203	Min.	150.00	-14.31	14	-14.31	6	-21.46	6	-110.57	2	-101.55	2	0.00	2
316	-26	-74	Max	0.00	14.72	14	14.72	6	22.08	2	113.42	2	-104.48	2	0.00	2
316	-26	-74	Max	150.00	14.72	14	14.72	6	0.00	6	25.89	2	0.00	2	0.00	2
316	-26	-74	Min.	0.00	-14.72	10	-14.72	2	-22.08	6	113.42	2	-104.48	2	0.00	2
316	-26	-74	Min.	150.00	-14.72	10	-14.72	2	0.00	2	25.89	2	0.00	2	0.00	2
316	-73	-26	Max	0.00	14.72	10	14.72	2	0.00	6	-25.89	2	0.00	2	0.00	2
316	-73	-26	Max	150.00	14.72	10	14.72	2	22.08	2	-113.42	2	-104.48	2	0.00	2
316	-73	-26	Min.	0.00	-14.72	14	-14.72	6	0.00	2	-25.89	2	0.00	6	0.00	2
316	-73	-26	Min.	150.00	-14.72	14	-14.72	6	-22.08	6	-113.42	2	-104.48	2	0.00	2
317	-18	-71	Max	0.00	9.69	14	9.69	6	14.53	2	78.75	2	-68.77	2	0.00	2
317	-18	-71	Max	150.00	9.69	14	9.69	6	0.00	14	12.95	2	0.00	2	0.00	2
317	-18	-71	Min.	0.00	-9.69	10	-9.69	2	-14.53	6	78.75	2	-68.77	2	0.00	2
317	-18	-71	Min.	150.00	-9.69	10	-9.69	2	0.00	10	12.95	2	0.00	2	0.00	2
317	-70	-18	Max	0.00	9.69	10	9.69	2	0.00	4	-12.95	2	0.00	14	0.00	2
317	-70	-18	Max	150.00	9.69	10	9.69	2	14.53	2	-78.75	2	-68.77	2	0.00	2
317	-70	-18	Min.	0.00	-9.69	14	-9.69	6	0.00	6	-12.95	2	0.00	10	0.00	2
317	-70	-18	Min.	150.00	-9.69	14	-9.69	6	-14.53	6	-78.75	2	-68.77	2	0.00	2

Tipo di combinazione di carico: SLU

Asta	N1	N2		X <cm>	N <daN>	CC	Ty <daN>	CC	Mz <daNm>	CC	Tz <daN>	CC	My <daNm>	CC	Mx <daNm>	CC
1	315	-45	Max	0.00	-2147.20	21	-60.81	21	261.84	29	0.00	29	0.00	29	0.00	28
1	315	-45	Max	330.00	-1901.20	21	-60.81	21	-149.69	21	0.00	29	0.00	29	0.00	28
1	315	-45	Min.	0.00	-6563.62	29	-289.62	29	51.00	21	0.00	21	0.00	21	0.00	21
1	315	-45	Min.	330.00	-6317.61	29	-289.62	29	-693.90	29	0.00	21	0.00	21	0.00	21
2	2	202	Max	0.00	-2279.03	21	450.59	29	-160.47	21	0.00	21	0.00	29	0.00	22
2	2	202	Max	330.00	-2033.02	21	450.59	29	942.17	29	0.00	21	0.00	29	0.00	22
2	2	202	Min.	0.00	-6832.98	29	133.15	21	-544.78	29	0.00	28	0.00	21	0.00	28
2	2	202	Min.	330.00	-6586.97	29	133.15	21	278.93	21	0.00	28	0.00	21	0.00	28
3	3	203	Max	0.00	-1965.72	21	-72.34	21	122.35	29	0.00	28	0.00	29	0.00	22
3	3	203	Max	330.00	-1719.71	21	-72.34	21	-175.13	21	0.00	28	0.00	29	0.00	22
3	3	203	Min.	0.00	-5947.23	29	-160.97	29	63.59	21	0.00	21	0.00	21	0.00	28
3	3	203	Min.	330.00	-5701.22	29	-160.97	29	-408.86	29	0.00	21	0.00	21	0.00	28
201	-3	-29	Max	0.00	0.00	17	0.00	17	0.00	28	-199.90	21	0.00	21	0.00	21
201	-3	-29	Max	144.80	0.00	17	0.00	17	0.00	28	-290.69	21	-355.19	21	0.00	21
201	-3	-29	Min.	0.00	0.00	17	0.00	17	0.00	22	-659.77	29	0.00	17	0.00	29
201	-3	-29	Min.	144.80	0.00	17	0.00	17	0.00	22	-750.56	29	-1021.08	29	0.00	29
201	-29	-45	Max	0.00	0.00	17	0.00	17	0.00	17	-575.86	21	-355.19	21	0.00	21
201	-29	-45	Max	144.80	0.00	17	0.00	17	0.00	17	-666.65	21	-1254.77	21	0.00	21
201	-29	-45	Min.	0.00	0.00	17	0.00	17	0.00	17	-1955.47	29	-1021.07	29	0.00	29
201	-29	-45	Min.	144.80	0.00	17	0.00	17	0.00	17	-2046.26	29	-3918.33	29	0.00	29
202	-45	201	Max	0.00	-60.81	21	0.00	22	0.00	28	3112.50	29	-1404.46	21	0.00	29
202	-45	201	Max	132.57	-60.81	21	0.00	22	0.00	22	3029.38	29	-191.46	21	0.00	29
202	-45	201	Min.	0.00	-289.62	29	0.00	28	0.00	21	956.57	21	-4612.23	29	0.00	21
202	-45	201	Min.	132.57	-289.62	29	0.00	28	0.00	28	873.45	21	-541.19	29	0.00	21
202	201	-6	Max	0.00	-60.81	21	0.00	22	0.00	22	1916.58	29	-191.45	21	0.00	29
202	201	-6	Max	132.57	-60.81	21	0.00	22	0.00	22	1833.46	29	1944.48	29	0.00	29
202	201	-6	Min.	0.00	-289.62	29	0.00	28	0.00	28	602.68	21	-541.17	29	0.00	21
202	201	-6	Min.	132.57	-289.62	29	0.00	28	0.00	28	519.57	21	552.41	21	0.00	21
202	-6	-7	Max	0.00	-60.81	21	0.00	22	0.00	22	720.67	29	1944.42	29	0.00	22
202	-6	-7	Max	132.57	-60.81	21	0.00	22	0.00	22	637.55	29	2844.69	29	0.00	22
202	-6	-7	Min.	0.00	-289.62	29	0.00	28	0.00	28	248.80	21	552.39	21	0.00	28
202	-6	-7	Min.	132.57	-289.62	29	0.00	28	0.00	28	165.68	21	827.13	21	0.00	28
202	-7	-8	Max	0.00	-60.81	21	0.00	22	0.00	22	-105.09	21	2844.71	29	0.00	21
202	-7	-8	Max	132.57	-60.81	21	0.00	22	0.00	22	-188.20	21	2159.59	29	0.00	21
202	-7	-8	Min.	0.00	-289.62	29	0.00	28	0.00	28	-475.25	29	827.13	21	0.00	29
202	-7	-8	Min.	132.57	-289.62	29	0.00	28	0.00	28	-558.37	29	632.73	21	0.00	29
202	-8	-9	Max	0.00	-60.81	21	0.00	22	0.00	22	-458.97	21	2159.57	29	0.00	21
202	-8	-9	Max	132.57	-60.81	21	0.00	22	0.00	22	-542.09	21	-30.81	21	0.00	21

202	-8	-9	Min.	0.00	-289.62	29	0.00	28	0.00	28	-1671.17	29	632.73	21	0.00	29
202	-8	-9	Min.	132.57	-289.62	29	0.00	28	0.00	28	-1754.29	29	-110.94	29	0.00	29
202	-9	-10	Max	0.00	-60.81	21	0.00	22	0.00	22	-812.86	21	-30.78	21	0.00	28
202	-9	-10	Max	132.57	-60.81	21	0.00	22	0.00	22	-895.97	21	-1163.45	21	0.00	28
202	-9	-10	Min.	0.00	-289.62	29	0.00	28	0.00	28	-2867.09	29	-110.83	29	-0.00	22
202	-9	-10	Min.	132.57	-289.62	29	0.00	28	0.00	28	-2950.20	29	-3966.71	29	-0.00	22
202	-10	202	Max	0.00	-60.81	21	0.00	22	0.00	22	-1088.67	21	-1163.48	21	-0.00	28
202	-10	202	Max	20.00	-60.81	21	0.00	22	0.00	22	-1101.21	21	-1382.47	21	-0.00	28
202	-10	202	Min.	0.00	-289.62	29	0.00	28	0.00	28	-3563.92	29	-3966.82	29	-0.00	22
202	-10	202	Min.	20.00	-289.62	29	0.00	28	0.00	28	-3576.46	29	-4680.86	29	-0.00	22
203	202	-11	Max	0.00	160.97	29	0.00	28	0.00	22	3010.51	29	-1103.53	21	0.00	29
203	202	-11	Max	20.00	160.97	29	0.00	28	0.00	22	2997.97	29	-918.42	21	0.00	29
203	202	-11	Min.	0.00	72.34	21	-0.00	22	0.00	28	931.81	21	-3738.68	29	0.00	21
203	202	-11	Min.	20.00	72.34	21	-0.00	22	0.00	28	919.27	21	-3137.82	29	0.00	21
203	-11	-12	Max	0.00	160.97	29	0.00	28	0.00	22	2383.01	29	-918.43	21	0.00	29
203	-11	-12	Max	132.90	160.97	29	0.00	28	0.00	22	2299.68	29	-8.44	21	0.00	29
203	-11	-12	Min.	0.00	72.34	21	-0.00	22	0.00	28	726.38	21	-3137.83	29	0.00	21
203	-11	-12	Min.	132.90	72.34	21	-0.00	22	0.00	28	643.05	21	-26.19	29	0.00	21
203	-12	-13	Max	0.00	160.97	29	0.00	28	0.00	22	1184.37	29	-8.44	21	0.00	29
203	-12	-13	Max	132.90	160.97	29	0.00	28	0.00	22	1101.05	29	1492.48	29	0.00	29
203	-12	-13	Min.	0.00	72.34	21	-0.00	22	0.00	28	371.89	21	-26.18	29	0.00	21
203	-12	-13	Min.	132.90	72.34	21	-0.00	22	0.00	28	288.56	21	430.43	21	0.00	21
203	-13	-14	Max	0.00	160.97	29	0.00	28	0.00	22	17.40	21	1492.48	29	0.00	28
203	-13	-14	Max	27.76									432.84	21		
203	-13	-14	Max	132.90	160.97	29	0.00	28	0.00	22	-65.92	21	1418.15	29	0.00	28
203	-13	-14	Min.	0.00	72.34	21	-0.00	22	0.00	28	-14.26	29	430.43	21	0.00	22
203	-13	-14	Min.	27.76									432.84	21		
203	-13	-14	Min.	132.90	72.34	21	-0.00	22	0.00	28	-97.59	29	398.19	21	0.00	22
203	-14	-15	Max	0.00	160.97	29	0.00	28	0.00	22	-337.08	21	1418.15	29	0.00	21
203	-14	-15	Max	132.90	160.97	29	0.00	28	0.00	22	-420.41	21	-105.17	21	0.00	21
203	-14	-15	Min.	0.00	72.34	21	-0.00	22	0.00	28	-1212.90	29	398.19	21	0.00	29
203	-14	-15	Min.	132.90	72.34	21	-0.00	22	0.00	28	-1296.23	29	-249.16	29	0.00	29
203	-15	203	Max	0.00	160.97	29	0.00	28	0.00	22	-691.57	21	-105.17	21	0.00	21
203	-15	203	Max	132.90	160.97	29	0.00	28	0.00	28	-774.90	21	-1079.63	21	0.00	21
203	-15	203	Min.	0.00	72.34	21	-0.00	22	0.00	28	-2411.53	29	-249.16	29	-0.00	29
203	-15	203	Min.	132.90	72.34	21	-0.00	22	0.00	22	-2494.86	29	-3509.46	29	-0.00	29
204	203	-26	Max	0.00	0.00	21	0.00	17	0.00	17	2046.25	29	-1254.77	21	0.00	28
204	203	-26	Max	144.80	0.00	21	0.00	17	0.00	17	1955.47	29	-355.19	21	0.00	28
204	203	-26	Min.	0.00	0.00	17	0.00	17	0.00	17	666.65	21	-3918.32	29	0.00	21
204	203	-26	Min.	144.80	0.00	17	0.00	17	0.00	17	575.86	21	-1021.07	29	0.00	21
204	-26	-18	Max	0.00	0.00	17	0.00	17	0.00	17	750.55	29	-355.19	21	0.00	28
204	-26	-18	Max	144.80	0.00	17	0.00	17	0.00	17	659.77	29	0.00	22	0.00	28
204	-26	-18	Min.	0.00	0.00	17	0.00	17	0.00	17	290.69	21	-1021.07	29	0.00	21
204	-26	-18	Min.	144.80	0.00	17	0.00	17	0.00	17	199.90	21	0.00	28	0.00	21
301	-45	-79	Max	0.00	0.00	17	0.00	17	0.00	17	579.43	29	-127.11	21	0.00	17
301	-45	-79	Max	150.00	0.00	17	0.00	17	0.00	17	194.98	29	0.00	29	0.00	17
301	-45	-79	Min.	0.00	0.00	17	0.00	17	0.00	17	138.99	21	-580.80	29	0.00	17
301	-45	-79	Min.	150.00	0.00	17	0.00	17	0.00	17	30.50	21	0.00	21	0.00	17
301	-80	-45	Max	0.00	0.00	17	0.00	17	0.00	17	-30.50	21	0.00	21	0.00	17
301	-80	-45	Max	150.00	0.00	17	0.00	17	0.00	17	-138.99	21	-127.11	21	0.00	17
301	-80	-45	Min.	0.00	0.00	17	0.00	17	0.00	17	-194.98	29	0.00	29	0.00	17
301	-80	-45	Min.	150.00	0.00	17	0.00	17	0.00	17	-579.43	29	-580.80	29	0.00	17
302	-3	-69	Max	0.00	0.00	17	0.00	17	0.00	17	329.88	29	-86.90	21	0.00	17
302	-3	-69	Max	150.00	0.00	17	0.00	17	0.00	17	101.79	29	0.00	21	0.00	17
302	-3	-69	Min.	0.00	0.00	17	0.00	17	0.00	17	99.95	21	-323.75	29	0.00	17
302	-3	-69	Min.	150.00	0.00	17	0.00	17	0.00	17	15.92	21	0.00	28	0.00	17
302	-68	-3	Max	0.00	0.00	17	0.00	17	0.00	17	-15.92	21	0.00	29	0.00	17
302	-68	-3	Max	150.00	0.00	17	0.00	17	0.00	17	-99.95	21	-86.90	21	0.00	17
302	-68	-3	Min.	0.00	0.00	17	0.00	17	0.00	17	-101.79	29	0.00	21	0.00	17
302	-68	-3	Min.	150.00	0.00	17	0.00	17	0.00	17	-329.88	29	-323.75	29	0.00	17
303	-29	-76	Max	0.00	0.00	17	0.00	17	0.00	17	602.46	29	-130.82	21	0.00	17
303	-29	-76	Max	150.00	0.00	17	0.00	17	0.00	17	203.57	29	0.00	17	0.00	17
303	-29	-76	Min.	0.00	0.00	17	0.00	17	0.00	17	142.59	21	-604.52	29	0.00	17
303	-29	-76	Min.	150.00	0.00	17	0.00	17	0.00	17	31.85	21	0.00	28	0.00	17
303	-75	-29	Max	0.00	0.00	17	0.00	17	0.00	17	-31.85	21	0.00	22	0.00	17
303	-75	-29	Max	150.00	0.00	17	0.00	17	0.00	17	-142.59	21	-130.82	21	0.00	17
303	-75	-29	Min.	0.00	0.00	17	0.00	17	0.00	17	-203.58	29	0.00	28	0.00	17
303	-75	-29	Min.	150.00	0.00	17	0.00	17	0.00	17	-602.46	29	-604.52	29	0.00	17
304	201	-77	Max	0.00	0.00	17	0.00	17	0.00	17	556.40	29	-123.40	21	0.00	17
304	201	-77	Max	150.00	0.00	17	0.00	17	0.00	17	186.38	29	0.00	28	0.00	17
304	201	-77	Min.	0.00	0.00	17	0.00	17	0.00	17	135.38	21	-557.08	29	0.00	17
304	201	-77	Min.	150.00	0.00	17	0.00	17	0.00	17	29.16	21	0.00	17	0.00	17
304	-78	201	Max	0.00	0.00	17	0.00	17	0.00	17	-29.15	21	0.00	21	0.00	17
304	-78	201	Max	150.00	0.00	17	0.00	17	0.00	17	-135.38	21	-123.40	21	0.00	17
304	-78	201	Min.	0.00	0.00	17	0.00	17	0.00	17	-186.38	29	0.00	29	0.00	17
304	-78	201	Min.	150.00	0.00	17	0.00	17	0.00	17	-556.40	29	-557.08	29	0.00	17
305	-6	-48	Max	0.00	0.00	17	0.00	17	0.00	17	556.40	29	-123.40	21	0.00	17
305	-6	-48	Max	150.00	0.00	17	0.00	17	0.00	17	186.38	29	0.00	28	0.00	17
305	-6	-48	Min.	0.00	0.00	17	0.00	17	0.00	17	135.38	21	-557.08	29	0.00	17
305	-6	-48	Min.	150.00	0.00	17	0.00	17	0.00	17	29.16	21	0.00	17	0.00	17
305	-47	-6	Max	0.00	0.00	17	0.00	17	0.00	17	-29.15	21	0.00	28	0.00	17
305	-47	-6	Max	150.00	0.00	17	0.00	17	0.00	17	-135.38	21	-123.40	21	0.00	17
305	-47	-6	Min.	0.00	0.00	17	0.00	17	0.00	17	-186.38	29	0.00	22	0.00	17
305	-47	-6	Min.	150.00	0.00	17	0.00	17	0.00	17	-556.40	29	-557.08	29	0.00	17
306	-7	-50	Max	0.00	0.00	17	0.00	17	0.00	17	556.40	29	-123.40	21	0.00	17
306	-7	-50	Max	150.00	0.00	17	0.00	17	0.00	17	186.38	29	0.00	28	0.00	17
306	-7	-50	Min.	0.00	0.00	17	0.00	17	0.00	17	135.38	21	-557.08	29	0.00	17
306	-7	-50	Min.	150.00	0.00	17	0.00	17	0.00	17	29.16	21	0.00	17	0.00	17
306	-49	-7	Max	0.00	0.00	17	0.00	17	0.00	17	-29.15	21	0.00	21	0.00	17
306	-49	-7	Max	150.00	0.00	17	0.00	17	0.00	17	-135.38	21	-123.40	21	0.00	17
306	-49	-7	Min.	0.00	0.00	17	0.00	17	0.00	17	-186.38	29	0.00	28	0.00	17
306	-49	-7	Min.	150.00	0.00	17	0.00	17	0.00	17	-556.40	29	-557.08	29	0.00	17
307	-8	-52	Max	0.00	0.00	17	0.00	17	0.00	17	556.40	29	-123.40	21	0.00	17
307	-8	-52	Max	150.00	0.00	17	0.00	17	0.00	17	186.38	29	0.00	28	0.00	17
307	-8	-52	Min.	0.00	0.00	17	0.00	17	0.00	17	135.38	21	-557.08	29	0.00	17
307	-8	-52	Min.	150.00	0.00	17	0.00	17	0.00	17	29.16	21	0.00	17	0.00	17
307	-51	-8	Max	0.00	0.00	17	0.00	17	0.00	17	-29.15	21	0.00	17	0.00	17
307	-51	-8	Max	150.00	0.00	17	0.00	17	0.00	17	-135.38	21	-123.40	21	0.00	17
307	-51	-8	Min.	0.00	0.00	17	0.00	17	0.00	17	-186.38	29	0.00	21	0.00	17
307	-51	-8	Min.	150.00	0.00	17	0.00	17	0.00	17	-556.40	29	-557.08	29	0.00	17
308	-9	-54	Max	0.00	0.00	17	0.00	17	0.00	17	556.40	29	-123.40	21	0.00	17

308	-9	-54	Max	150.00	0.00	17	0.00	17	0.00	17	186.38	29	0.00	28	0.00	17
308	-9	-54	Min.	0.00	0.00	17	0.00	17	0.00	17	135.38	21	-557.08	29	0.00	17
308	-9	-54	Min.	150.00	0.00	17	0.00	17	0.00	17	29.16	21	0.00	21	0.00	17
308	-53	-9	Max	0.00	0.00	17	0.00	17	0.00	17	-29.15	21	0.00	28	0.00	17
308	-53	-9	Max	150.00	0.00	17	0.00	17	0.00	17	-135.38	21	-123.40	21	0.00	17
308	-53	-9	Min.	0.00	0.00	17	0.00	17	0.00	17	-186.38	29	0.00	22	0.00	17
308	-53	-9	Min.	150.00	0.00	17	0.00	17	0.00	17	-556.40	29	-557.08	29	0.00	17
309	-10	-56	Max	0.00	0.00	17	0.00	17	0.00	17	306.86	29	-83.19	21	0.00	17
309	-10	-56	Max	150.00	0.00	17	0.00	17	0.00	17	93.19	29	0.00	28	0.00	17
309	-10	-56	Min.	0.00	0.00	17	0.00	17	0.00	17	96.35	21	-300.03	29	0.00	17
309	-10	-56	Min.	150.00	0.00	17	0.00	17	0.00	17	14.58	21	0.00	17	0.00	17
309	-55	-10	Max	0.00	0.00	17	0.00	17	0.00	17	-14.58	21	0.00	21	0.00	17
309	-55	-10	Max	150.00	0.00	17	0.00	17	0.00	17	-96.35	21	-83.19	21	0.00	17
309	-55	-10	Min.	0.00	0.00	17	0.00	17	0.00	17	-93.19	29	0.00	17	0.00	17
309	-55	-10	Min.	150.00	0.00	17	0.00	17	0.00	17	-306.86	29	-300.03	29	0.00	17
310	-11	-58	Max	0.00	0.00	17	0.00	17	0.00	17	307.48	29	-83.29	21	0.00	17
310	-11	-58	Max	150.00	0.00	17	0.00	17	0.00	17	93.42	29	0.00	22	0.00	17
310	-11	-58	Min.	0.00	0.00	17	0.00	17	0.00	17	96.45	21	-300.68	29	0.00	17
310	-11	-58	Min.	150.00	0.00	17	0.00	17	0.00	17	14.61	21	0.00	28	0.00	17
310	-57	-11	Max	0.00	0.00	17	0.00	17	0.00	17	-14.61	21	0.00	22	0.00	17
310	-57	-11	Max	150.00	0.00	17	0.00	17	0.00	17	-96.45	21	-83.29	21	0.00	17
310	-57	-11	Min.	0.00	0.00	17	0.00	17	0.00	17	-93.42	29	0.00	28	0.00	17
310	-57	-11	Min.	150.00	0.00	17	0.00	17	0.00	17	-307.48	29	-300.68	29	0.00	17
311	-12	-60	Max	0.00	0.00	17	0.00	17	0.00	17	557.65	29	-123.61	21	0.00	17
311	-12	-60	Max	150.00	0.00	17	0.00	17	0.00	17	186.84	29	0.00	21	0.00	17
311	-12	-60	Min.	0.00	0.00	17	0.00	17	0.00	17	135.58	21	-558.38	29	0.00	17
311	-12	-60	Min.	150.00	0.00	17	0.00	17	0.00	17	29.23	21	0.00	17	0.00	17
311	-59	-12	Max	0.00	0.00	17	0.00	17	0.00	17	-29.23	21	0.00	17	0.00	17
311	-59	-12	Max	150.00	0.00	17	0.00	17	0.00	17	-135.58	21	-123.61	21	0.00	17
311	-59	-12	Min.	0.00	0.00	17	0.00	17	0.00	17	-186.84	29	0.00	21	0.00	17
311	-59	-12	Min.	150.00	0.00	17	0.00	17	0.00	17	-557.65	29	-558.38	29	0.00	17
312	-13	-62	Max	0.00	0.00	17	0.00	17	0.00	17	557.65	29	-123.61	21	0.00	17
312	-13	-62	Max	150.00	0.00	17	0.00	17	0.00	17	186.84	29	0.00	21	0.00	17
312	-13	-62	Min.	0.00	0.00	17	0.00	17	0.00	17	135.58	21	-558.38	29	0.00	17
312	-13	-62	Min.	150.00	0.00	17	0.00	17	0.00	17	29.23	21	0.00	17	0.00	17
312	-61	-13	Max	0.00	0.00	17	0.00	17	0.00	17	-29.23	21	0.00	28	0.00	17
312	-61	-13	Max	150.00	0.00	17	0.00	17	0.00	17	-135.58	21	-123.61	21	0.00	17
312	-61	-13	Min.	0.00	0.00	17	0.00	17	0.00	17	-186.84	29	0.00	22	0.00	17
312	-61	-13	Min.	150.00	0.00	17	0.00	17	0.00	17	-557.65	29	-558.38	29	0.00	17
313	-14	-64	Max	0.00	0.00	17	0.00	17	0.00	17	557.65	29	-123.61	21	0.00	17
313	-14	-64	Max	150.00	0.00	17	0.00	17	0.00	17	186.84	29	0.00	21	0.00	17
313	-14	-64	Min.	0.00	0.00	17	0.00	17	0.00	17	135.58	21	-558.38	29	0.00	17
313	-14	-64	Min.	150.00	0.00	17	0.00	17	0.00	17	29.23	21	0.00	17	0.00	17
313	-63	-14	Max	0.00	0.00	17	0.00	17	0.00	17	-29.23	21	0.00	28	0.00	17
313	-63	-14	Max	150.00	0.00	17	0.00	17	0.00	17	-135.58	21	-123.61	21	0.00	17
313	-63	-14	Min.	0.00	0.00	17	0.00	17	0.00	17	-186.84	29	0.00	22	0.00	17
313	-63	-14	Min.	150.00	0.00	17	0.00	17	0.00	17	-557.65	29	-558.38	29	0.00	17
314	-15	-66	Max	0.00	0.00	17	0.00	17	0.00	17	557.65	29	-123.61	21	0.00	17
314	-15	-66	Max	150.00	0.00	17	0.00	17	0.00	17	186.84	29	0.00	21	0.00	17
314	-15	-66	Min.	0.00	0.00	17	0.00	17	0.00	17	135.58	21	-558.38	29	0.00	17
314	-15	-66	Min.	150.00	0.00	17	0.00	17	0.00	17	29.23	21	0.00	17	0.00	17
314	-65	-15	Max	0.00	0.00	17	0.00	17	0.00	17	-29.23	21	0.00	28	0.00	17
314	-65	-15	Max	150.00	0.00	17	0.00	17	0.00	17	-135.58	21	-123.61	21	0.00	17
314	-65	-15	Min.	0.00	0.00	17	0.00	17	0.00	17	-186.84	29	0.00	22	0.00	17
314	-65	-15	Min.	150.00	0.00	17	0.00	17	0.00	17	-557.65	29	-558.38	29	0.00	17
315	203	-67	Max	0.00	0.00	17	0.00	17	0.00	17	580.05	29	-127.22	21	0.00	17
315	203	-67	Max	150.00	0.00	17	0.00	17	0.00	17	195.21	29	0.00	28	0.00	17
315	203	-67	Min.	0.00	0.00	17	0.00	17	0.00	17	139.08	21	-581.45	29	0.00	17
315	203	-67	Min.	150.00	0.00	17	0.00	17	0.00	17	30.54	21	0.00	22	0.00	17
315	-72	203	Max	0.00	0.00	17	0.00	17	0.00	17	-30.54	21	0.00	21	0.00	17
315	-72	203	Max	150.00	0.00	17	0.00	17	0.00	17	-139.08	21	-127.22	21	0.00	17
315	-72	203	Min.	0.00	0.00	17	0.00	17	0.00	17	-195.21	29	0.00	17	0.00	17
315	-72	203	Min.	150.00	0.00	17	0.00	17	0.00	17	-580.05	29	-581.45	29	0.00	17
316	-26	-74	Max	0.00	0.00	17	0.00	17	0.00	17	602.46	29	-130.82	21	0.00	17
316	-26	-74	Max	150.00	0.00	17	0.00	17	0.00	17	203.57	29	0.00	28	0.00	17
316	-26	-74	Min.	0.00	0.00	17	0.00	17	0.00	17	142.59	21	-604.52	29	0.00	17
316	-26	-74	Min.	150.00	0.00	17	0.00	17	0.00	17	31.84	21	0.00	21	0.00	17
316	-73	-26	Max	0.00	0.00	17	0.00	17	0.00	17	-31.85	21	0.00	21	0.00	17
316	-73	-26	Max	150.00	0.00	17	0.00	17	0.00	17	-142.59	21	-130.82	21	0.00	17
316	-73	-26	Min.	0.00	0.00	17	0.00	17	0.00	17	-203.57	29	0.00	29	0.00	17
316	-73	-26	Min.	150.00	0.00	17	0.00	17	0.00	17	-602.46	29	-604.52	29	0.00	17
317	-18	-71	Max	0.00	0.00	17	0.00	17	0.00	17	329.88	29	-86.90	21	0.00	17
317	-18	-71	Max	150.00	0.00	17	0.00	17	0.00	17	101.79	29	0.00	28	0.00	17
317	-18	-71	Min.	0.00	0.00	17	0.00	17	0.00	17	99.95	21	-323.75	29	0.00	17
317	-18	-71	Min.	150.00	0.00	17	0.00	17	0.00	17	15.92	21	0.00	22	0.00	17
317	-70	-18	Max	0.00	0.00	17	0.00	17	0.00	17	-15.92	21	0.00	28	0.00	17
317	-70	-18	Max	150.00	0.00	17	0.00	17	0.00	17	-99.95	21	-86.90	21	0.00	17
317	-70	-18	Min.	0.00	0.00	17	0.00	17	0.00	17	-101.79	29	0.00	22	0.00	17
317	-70	-18	Min.	150.00	0.00	17	0.00	17	0.00	17	-329.88	29	-323.75	29	0.00	17

Tipo di combinazione di carico: SLE R

Asta	N1	N2		X <cm>	N <daN>	CC	Ty <daN>	CC	Mz <daNm>	CC	Tz <daN>	CC	My <daNm>	CC	Mx <daNm>	CC
1	315	-45	Max	0.00	-1567.70	23	-42.43	23	175.78	31	0.00	31	0.00	31	0.00	30
1	315	-45	Max	330.00	-1378.46	23	-42.43	23	-104.80	23	0.00	31	0.00	31	0.00	30
1	315	-45	Min.	0.00	-4511.98	31	-194.97	31	35.22	23	0.00	23	0.00	23	0.00	23
1	315	-45	Min.	330.00	-4322.74	31	-194.97	31	-467.61	31	0.00	23	0.00	23	0.00	23
2	2	202	Max	0.00	-1666.48	23	308.01	31	-116.13	23	0.00	23	0.00	31	0.00	24
2	2	202	Max	330.00	-1477.25	23	308.01	31	644.11	31	0.00	23	0.00	31	0.00	24
2	2	202	Min.	0.00	-4702.45	31	96.39	23	-372.33	31	0.00	30	0.00	23	0.00	30
2	2	202	Min.	330.00	-4513.22	31	96.39	23	201.95	23	0.00	30	0.00	23	0.00	30
3	3	203	Max	0.00	-1436.37	23	-53.96	23	86.97	31	0.00	30	0.00	31	0.00	24
3	3	203	Max	330.00	-1247.13	23	-53.96	23	-130.27	23	0.00	30	0.00	31	0.00	24
3	3	203	Min.	0.00	-4090.71	31	-113.05	31	47.79	23	0.00	23	0.00	23	0.00	30
3	3	203	Min.	330.00	-3901.47	31	-113.05	31	-286.09	31	0.00	23	0.00	23	0.00	30
201	-3	-29	Max	0.00	0.00	18	0.00	18	0.00	30	-145.02	23	0.00	23	0.00	23
201	-3	-29	Max	144.80	0.00	18	0.00	18	0.00	30	-214.86	23	-260.56	23	0.00	23
201	-3	-29	Min.	0.00	0.00	18	0.00	18	0.00	24	-451.60	31	0.00	18	0.00	31
201	-3	-29	Min.	144.80	0.00	18	0.00	18	0.00	24	-521.44	31	-704.48	31	0.00	31
201	-29	-45	Max	0.00	0.00	18	0.00	18	0.00	18	-416.73	23	-260.56	23	0.00	23

201	-29	-45	Max	144.80	0.00	18	0.00	18	0.00	18	-486.57	23	-914.55	23	0.00	23	
201	-29	-45	Min.	0.00	0.00	18	0.00	18	0.00	18	-1336.47	31	-704.48	31	0.00	31	
201	-29	-45	Min.	144.80	0.00	18	0.00	18	0.00	18	-1406.31	31	-2690.25	31	0.00	31	
202	-45	201	Max	0.00	-42.43	23	0.00	24	0.00	30	2132.11	31	-1019.34	23	0.00	31	
202	-45	201	Max	132.57	-42.43	23	0.00	24	0.00	24	2068.17	31	-140.62	23	0.00	31	
202	-45	201	Min.	0.00	-194.97	31	0.00	30	0.00	23	694.82	23	-3157.86	31	0.00	23	
202	-45	201	Min.	132.57	-194.97	31	0.00	30	0.00	30	630.88	23	-373.78	31	0.00	23	
202	201	-6	Max	0.00	-42.43	23	0.00	24	0.00	24	1314.55	31	-140.62	23	0.00	31	
202	201	-6	Max	132.57	-42.43	23	0.00	24	0.00	24	1250.61	31	1326.50	31	0.00	31	
202	201	-6	Min.	0.00	-194.97	31	0.00	30	0.00	30	438.62	23	-373.77	31	0.00	23	
202	201	-6	Min.	132.57	-194.97	31	0.00	30	0.00	30	374.68	23	398.46	23	0.00	23	
202	-6	-7	Max	0.00	-42.43	23	0.00	24	0.00	24	496.99	31	1326.46	31	0.00	24	
202	-6	-7	Max	132.57	-42.43	23	0.00	24	0.00	24	433.05	31	1942.92	31	0.00	24	
202	-6	-7	Min.	0.00	-194.97	31	0.00	30	0.00	30	182.41	23	398.44	23	0.00	30	
202	-6	-7	Min.	132.57	-194.97	31	0.00	30	0.00	30	118.47	23	597.88	23	0.00	30	
202	-7	-8	Max	0.00	-42.43	23	0.00	24	0.00	24	-73.79	23	1942.93	31	0.00	23	
202	-7	-8	Max	132.57	-42.43	23	0.00	24	0.00	24	-137.73	23	1475.58	31	0.00	23	
202	-7	-8	Min.	0.00	-194.97	31	0.00	30	0.00	30	-320.57	31	597.88	23	0.00	31	
202	-7	-8	Min.	132.57	-194.97	31	0.00	30	0.00	30	-384.51	31	457.68	23	0.00	31	
202	-8	-9	Max	0.00	-42.43	23	0.00	24	0.00	24	-330.00	23	1475.57	31	0.00	23	
202	-8	-9	Max	132.57	-42.43	23	0.00	24	0.00	24	-393.94	23	-22.18	23	0.00	23	
202	-8	-9	Min.	0.00	-194.97	31	0.00	30	0.00	30	-1138.13	31	457.67	23	0.00	31	
202	-8	-9	Min.	132.57	-194.97	31	0.00	30	0.00	30	-1202.07	31	-75.60	31	0.00	31	
202	-9	-10	Max	0.00	-42.43	23	0.00	24	0.00	24	-586.20	23	-22.15	23	0.00	30	
202	-9	-10	Max	132.57	-42.43	23	0.00	24	0.00	24	-650.14	23	-841.64	23	0.00	30	
202	-9	-10	Min.	0.00	-194.97	31	0.00	30	0.00	30	-1955.69	31	-75.52	31	0.00	24	
202	-9	-10	Min.	132.57	-194.97	31	0.00	30	0.00	30	-2019.63	31	-2710.49	31	0.00	24	
202	-10	202	Max	0.00	-42.43	23	0.00	24	0.00	24	-790.36	23	-841.66	23	0.00	30	
202	-10	202	Max	20.00	-42.43	23	0.00	24	0.00	24	-800.01	23	-1000.70	23	0.00	30	
202	-10	202	Min.	0.00	-194.97	31	0.00	30	0.00	30	-2440.53	31	-2710.56	31	-0.00	24	
202	-10	202	Min.	20.00	-194.97	31	0.00	30	0.00	30	-2450.17	31	-3199.63	31	-0.00	24	
203	202	-11	Max	0.00	113.05	31	0.00	30	0.00	24	2063.04	31	-798.75	23	0.00	31	
203	202	-11	Max	20.00	113.05	31	0.00	30	0.00	24	2053.40	31	-664.27	23	0.00	31	
203	202	-11	Min.	0.00	53.96	23	0.00	24	0.00	30	677.24	23	-2555.52	31	0.00	23	
203	202	-11	Min.	20.00	53.96	23	0.00	24	0.00	30	667.59	23	-2143.87	31	0.00	23	
203	-11	-12	Max	0.00	113.05	31	0.00	30	0.00	24	1631.66	31	-664.27	23	0.00	31	
203	-11	-12	Max	132.90	113.05	31	0.00	30	0.00	24	1567.57	31	-6.16	23	0.00	31	
203	-11	-12	Min.	0.00	53.96	23	0.00	24	0.00	30	527.24	23	-2143.87	31	0.00	23	
203	-11	-12	Min.	132.90	53.96	23	0.00	24	0.00	30	463.14	23	-17.99	31	0.00	23	
203	-12	-13	Max	0.00	113.05	31	0.00	30	0.00	24	812.27	31	-6.16	23	0.00	31	
203	-12	-13	Max	132.90	113.05	31	0.00	30	0.00	24	748.17	31	1018.93	31	0.00	31	
203	-12	-13	Min.	0.00	53.96	23	0.00	24	0.00	30	270.62	23	-17.98	31	0.00	23	
203	-12	-13	Min.	132.90	53.96	23	0.00	24	0.00	30	206.52	23	310.90	23	0.00	23	
203	-13	-14	Max	0.00	113.05	31	0.00	30	0.00	24	13.99	23	1018.93	31	0.00	30	
203	-13	-14	Max	0.66									771.23	30			
203	-13	-14	Max	132.90	113.05	31	0.00	30	0.00	24	-50.11	23	966.87	31	0.00	30	
203	-13	-14	Min.	0.00	53.96	23	0.00	24	0.00	30	-7.12	31	310.90	23	0.00	24	
203	-13	-14	Min.	29.01									312.93	23			
203	-13	-14	Min.	132.90	53.96	23	0.00	24	0.00	30	-71.22	31	286.90	23	0.00	24	
203	-14	-15	Max	0.00	113.05	31	0.00	30	0.00	24	-242.64	23	966.87	31	0.00	23	
203	-14	-15	Max	132.90	113.05	31	0.00	30	0.00	24	-306.74	23	-78.16	23	0.00	23	
203	-14	-15	Min.	0.00	53.96	23	0.00	24	0.00	30	-826.51	31	286.90	23	0.00	31	
203	-14	-15	Min.	132.90	53.96	23	0.00	24	0.00	30	-890.61	31	-174.16	31	0.00	31	
203	-15	203	Max	0.00	113.05	31	0.00	30	0.00	24	-499.26	23	-78.16	23	0.00	23	
203	-15	203	Max	132.90	113.05	31	0.00	30	0.00	30	-563.36	23	-784.27	23	0.00	23	
203	-15	203	Min.	0.00	53.96	23	0.00	24	0.00	30	-1645.91	31	-174.16	31	0.00	31	
203	-15	203	Min.	132.90	53.96	23	0.00	24	0.00	24	-1710.01	31	-2404.16	31	0.00	31	
204	203	-26	Max	0.00	0.00	23	0.00	18	0.00	18	1406.31	31	-914.55	23	0.00	30	
204	203	-26	Max	144.80	0.00	23	0.00	18	0.00	18	1336.47	31	-260.56	23	0.00	30	
204	203	-26	Min.	0.00	0.00	18	0.00	18	0.00	18	486.57	23	-2690.25	31	0.00	23	
204	203	-26	Min.	144.80	0.00	18	0.00	18	0.00	18	416.73	23	-704.48	31	0.00	23	
204	-26	-18	Max	0.00	0.00	18	0.00	18	0.00	18	521.44	31	-260.56	23	0.00	30	
204	-26	-18	Max	144.80	0.00	18	0.00	18	0.00	18	451.60	31	0.00	24	0.00	30	
204	-26	-18	Min.	0.00	0.00	18	0.00	18	0.00	18	214.86	23	-704.48	31	0.00	23	
204	-26	-18	Min.	144.80	0.00	18	0.00	18	0.00	18	145.02	23	0.00	30	0.00	23	
301	-45	-79	Max	0.00	0.00	18	0.00	18	0.00	18	392.16	31	-89.15	23	0.00	18	
301	-45	-79	Max	150.00	0.00	18	0.00	18	0.00	18	129.98	31	0.00	31	0.00	18	
301	-45	-79	Min.	0.00	0.00	18	0.00	18	0.00	18	98.54	23	-391.61	31	0.00	18	
301	-45	-79	Min.	150.00	0.00	18	0.00	18	0.00	18	20.33	23	0.00	23	0.00	18	
301	-80	-45	Max	0.00	0.00	18	0.00	18	0.00	18	-20.33	23	0.00	23	0.00	18	
301	-80	-45	Max	150.00	0.00	18	0.00	18	0.00	18	-98.53	23	-89.15	23	0.00	18	
301	-80	-45	Min.	0.00	0.00	18	0.00	18	0.00	18	-129.98	31	0.00	31	0.00	18	
301	-80	-45	Min.	150.00	0.00	18	0.00	18	0.00	18	-392.16	31	-391.61	31	0.00	18	
302	-3	-69	Max	0.00	0.00	18	0.00	18	0.00	18	225.80	31	-62.34	23	0.00	18	
302	-3	-69	Max	150.00	0.00	18	0.00	18	0.00	18	67.86	31	0.00	23	0.00	18	
302	-3	-69	Min.	0.00	0.00	18	0.00	18	0.00	18	72.51	23	-220.24	31	0.00	18	
302	-3	-69	Min.	150.00	0.00	18	0.00	18	0.00	18	10.62	23	0.00	30	0.00	18	
302	-68	-3	Max	0.00	0.00	18	0.00	18	0.00	18	-10.62	23	0.00	31	0.00	18	
302	-68	-3	Max	150.00	0.00	18	0.00	18	0.00	18	-72.51	23	-62.34	23	0.00	18	
302	-68	-3	Min.	0.00	0.00	18	0.00	18	0.00	18	-67.86	31	0.00	23	0.00	18	
302	-68	-3	Min.	150.00	0.00	18	0.00	18	0.00	18	-225.80	31	-220.24	31	0.00	18	
303	-29	-76	Max	0.00	0.00	18	0.00	18	0.00	18	407.52	31	-91.63	23	0.00	18	
303	-29	-76	Max	150.00	0.00	18	0.00	18	0.00	18	135.72	31	0.00	18	0.00	18	
303	-29	-76	Min.	0.00	0.00	18	0.00	18	0.00	18	100.94	23	-407.43	31	0.00	18	
303	-29	-76	Min.	150.00	0.00	18	0.00	18	0.00	18	21.23	23	0.00	30	0.00	18	
303	-75	-29	Max	0.00	0.00	18	0.00	18	0.00	18	-21.23	23	0.00	24	0.00	18	
303	-75	-29	Max	150.00	0.00	18	0.00	18	0.00	18	-100.94	23	-91.63	23	0.00	18	
303	-75	-29	Min.	0.00	0.00	18	0.00	18	0.00	18	-135.72	31	0.00	30	0.00	18	
303	-75	-29	Min.	150.00	0.00	18	0.00	18	0.00	18	-407.52	31	-407.43	31	0.00	18	
304	201	-77	Max	0.00	0.00	18	0.00	18	0.00	18	376.81	31	-86.68	23	0.00	18	
304	201	-77	Max	150.00	0.00	18	0.00	18	0.00	18	124.25	31	0.00	30	0.00	18	
304	201	-77	Min.	0.00	0.00	18	0.00	18	0.00	18	96.13	23	-375.80	31	0.00	18	
304	201	-77	Min.	150.00	0.00	18	0.00	18	0.00	18	19.44	23	0.00	18	0.00	18	
304	-78	201	Max	0.00	0.00	18	0.00	18	0.00	18	-19.44	23	0.00	23	0.00	18	
304	-78	201	Max	150.00	0.00	18	0.00	18	0.00	18	-96.13	23	-86.68	23	0.00	18	
304	-78	201	Min.	0.00	0.00	18	0.00	18	0.00	18	-124.25	31	0.00	31	0.00	18	
304	-78	201	Min.	150.00	0.00	18	0.00	18	0.00	18	-376.81	31	-375.80	31	0.00	18	
305	-6	-48	Max	0.00	0.00	18	0.00	18	0.00	18	376.81	31	-86.68	23	0.00	18	
305	-6	-48	Max	150.00	0.00	18	0.00	18	0.00	18	124.25	31	0.00	30	0.00	18	
305	-6	-48	Min.	0.00	0.00	18	0.00	18	0.00	18	96.13	23	-375.80	31	0.00	18	
305	-6	-48	Min.	150.00	0.00	18	0.00	18	0.00	18	19.44	23	0.00	18	0.00	18	

305	-47	-6	Max	0.00	0.00	18	0.00	18	0.00	18	-19.44	23	0.00	30	0.00	18	
305	-47	-6	Max	150.00	0.00	18	0.00	18	0.00	18	-96.13	23	-86.68	23	0.00	18	
305	-47	-6	Min.	0.00	0.00	18	0.00	18	0.00	18	-124.25	31	0.00	24	0.00	18	
305	-47	-6	Min.	150.00	0.00	18	0.00	18	0.00	18	-376.81	31	-375.80	31	0.00	18	
306	-7	-50	Max	0.00	0.00	18	0.00	18	0.00	18	376.81	31	-86.68	23	0.00	18	
306	-7	-50	Max	150.00	0.00	18	0.00	18	0.00	18	124.25	31	0.00	30	0.00	18	
306	-7	-50	Min.	0.00	0.00	18	0.00	18	0.00	18	96.13	23	-375.80	31	0.00	18	
306	-7	-50	Min.	150.00	0.00	18	0.00	18	0.00	18	19.44	23	0.00	18	0.00	18	
306	-49	-7	Max	0.00	0.00	18	0.00	18	0.00	18	-19.44	23	0.00	23	0.00	18	
306	-49	-7	Max	150.00	0.00	18	0.00	18	0.00	18	-96.13	23	-86.68	23	0.00	18	
306	-49	-7	Min.	0.00	0.00	18	0.00	18	0.00	18	-124.25	31	0.00	30	0.00	18	
306	-49	-7	Min.	150.00	0.00	18	0.00	18	0.00	18	-376.81	31	-375.80	31	0.00	18	
307	-8	-52	Max	0.00	0.00	18	0.00	18	0.00	18	376.81	31	-86.68	23	0.00	18	
307	-8	-52	Max	150.00	0.00	18	0.00	18	0.00	18	124.25	31	0.00	30	0.00	18	
307	-8	-52	Min.	0.00	0.00	18	0.00	18	0.00	18	96.13	23	-375.80	31	0.00	18	
307	-8	-52	Min.	150.00	0.00	18	0.00	18	0.00	18	19.44	23	0.00	18	0.00	18	
307	-51	-8	Max	0.00	0.00	18	0.00	18	0.00	18	-19.44	23	0.00	18	0.00	18	
307	-51	-8	Max	150.00	0.00	18	0.00	18	0.00	18	-96.13	23	-86.68	23	0.00	18	
307	-51	-8	Min.	0.00	0.00	18	0.00	18	0.00	18	-124.25	31	0.00	23	0.00	18	
307	-51	-8	Min.	150.00	0.00	18	0.00	18	0.00	18	-376.81	31	-375.80	31	0.00	18	
308	-9	-54	Max	0.00	0.00	18	0.00	18	0.00	18	376.81	31	-86.68	23	0.00	18	
308	-9	-54	Max	150.00	0.00	18	0.00	18	0.00	18	124.25	31	0.00	30	0.00	18	
308	-9	-54	Min.	0.00	0.00	18	0.00	18	0.00	18	96.13	23	-375.80	31	0.00	18	
308	-9	-54	Min.	150.00	0.00	18	0.00	18	0.00	18	19.44	23	0.00	23	0.00	18	
308	-53	-9	Max	0.00	0.00	18	0.00	18	0.00	18	-19.44	23	0.00	30	0.00	18	
308	-53	-9	Max	150.00	0.00	18	0.00	18	0.00	18	-96.13	23	-86.68	23	0.00	18	
308	-53	-9	Min.	0.00	0.00	18	0.00	18	0.00	18	-124.25	31	0.00	24	0.00	18	
308	-53	-9	Min.	150.00	0.00	18	0.00	18	0.00	18	-376.81	31	-375.80	31	0.00	18	
309	-10	-56	Max	0.00	0.00	18	0.00	18	0.00	18	210.45	31	-59.87	23	0.00	18	
309	-10	-56	Max	150.00	0.00	18	0.00	18	0.00	18	62.13	31	0.00	30	0.00	18	
309	-10	-56	Min.	0.00	0.00	18	0.00	18	0.00	18	70.11	23	-204.43	31	0.00	18	
309	-10	-56	Min.	150.00	0.00	18	0.00	18	0.00	18	9.72	23	0.00	18	0.00	18	
309	-55	-10	Max	0.00	0.00	18	0.00	18	0.00	18	-9.72	23	0.00	23	0.00	18	
309	-55	-10	Max	150.00	0.00	18	0.00	18	0.00	18	-70.11	23	-59.87	23	0.00	18	
309	-55	-10	Min.	0.00	0.00	18	0.00	18	0.00	18	-62.13	31	0.00	18	0.00	18	
309	-55	-10	Min.	150.00	0.00	18	0.00	18	0.00	18	-210.45	31	-204.43	31	0.00	18	
310	-11	-58	Max	0.00	0.00	18	0.00	18	0.00	18	210.87	31	-59.94	23	0.00	18	
310	-11	-58	Max	150.00	0.00	18	0.00	18	0.00	18	62.28	31	0.00	24	0.00	18	
310	-11	-58	Min.	0.00	0.00	18	0.00	18	0.00	18	70.17	23	-204.86	31	0.00	18	
310	-11	-58	Min.	150.00	0.00	18	0.00	18	0.00	18	9.74	23	0.00	30	0.00	18	
310	-57	-11	Max	0.00	0.00	18	0.00	18	0.00	18	-9.74	23	0.00	24	0.00	18	
310	-57	-11	Max	150.00	0.00	18	0.00	18	0.00	18	-70.17	23	-59.94	23	0.00	18	
310	-57	-11	Min.	0.00	0.00	18	0.00	18	0.00	18	-62.28	31	0.00	30	0.00	18	
310	-57	-11	Min.	150.00	0.00	18	0.00	18	0.00	18	-210.87	31	-204.86	31	0.00	18	
311	-12	-60	Max	0.00	0.00	18	0.00	18	0.00	18	377.65	31	-86.81	23	0.00	18	
311	-12	-60	Max	150.00	0.00	18	0.00	18	0.00	18	124.56	31	0.00	23	0.00	18	
311	-12	-60	Min.	0.00	0.00	18	0.00	18	0.00	18	96.26	23	-376.66	31	0.00	18	
311	-12	-60	Min.	150.00	0.00	18	0.00	18	0.00	18	19.49	23	0.00	18	0.00	18	
311	-59	-12	Max	0.00	0.00	18	0.00	18	0.00	18	-19.49	23	0.00	18	0.00	18	
311	-59	-12	Max	150.00	0.00	18	0.00	18	0.00	18	-96.26	23	-86.81	23	0.00	18	
311	-59	-12	Min.	0.00	0.00	18	0.00	18	0.00	18	-124.56	31	0.00	23	0.00	18	
311	-59	-12	Min.	150.00	0.00	18	0.00	18	0.00	18	-377.65	31	-376.66	31	0.00	18	
312	-13	-62	Max	0.00	0.00	18	0.00	18	0.00	18	377.65	31	-86.81	23	0.00	18	
312	-13	-62	Max	150.00	0.00	18	0.00	18	0.00	18	124.56	31	0.00	23	0.00	18	
312	-13	-62	Min.	0.00	0.00	18	0.00	18	0.00	18	96.26	23	-376.66	31	0.00	18	
312	-13	-62	Min.	150.00	0.00	18	0.00	18	0.00	18	19.49	23	0.00	18	0.00	18	
312	-61	-13	Max	0.00	0.00	18	0.00	18	0.00	18	-19.49	23	0.00	30	0.00	18	
312	-61	-13	Max	150.00	0.00	18	0.00	18	0.00	18	-96.26	23	-86.81	23	0.00	18	
312	-61	-13	Min.	0.00	0.00	18	0.00	18	0.00	18	-124.56	31	0.00	24	0.00	18	
312	-61	-13	Min.	150.00	0.00	18	0.00	18	0.00	18	-377.65	31	-376.66	31	0.00	18	
313	-14	-64	Max	0.00	0.00	18	0.00	18	0.00	18	377.65	31	-86.81	23	0.00	18	
313	-14	-64	Max	150.00	0.00	18	0.00	18	0.00	18	124.56	31	0.00	23	0.00	18	
313	-14	-64	Min.	0.00	0.00	18	0.00	18	0.00	18	96.26	23	-376.66	31	0.00	18	
313	-14	-64	Min.	150.00	0.00	18	0.00	18	0.00	18	19.49	23	0.00	18	0.00	18	
313	-63	-14	Max	0.00	0.00	18	0.00	18	0.00	18	-19.49	23	0.00	30	0.00	18	
313	-63	-14	Max	150.00	0.00	18	0.00	18	0.00	18	-96.26	23	-86.81	23	0.00	18	
313	-63	-14	Min.	0.00	0.00	18	0.00	18	0.00	18	-124.56	31	0.00	24	0.00	18	
313	-63	-14	Min.	150.00	0.00	18	0.00	18	0.00	18	-377.65	31	-376.66	31	0.00	18	
314	-15	-66	Max	0.00	0.00	18	0.00	18	0.00	18	377.65	31	-86.81	23	0.00	18	
314	-15	-66	Max	150.00	0.00	18	0.00	18	0.00	18	124.56	31	0.00	23	0.00	18	
314	-15	-66	Min.	0.00	0.00	18	0.00	18	0.00	18	96.26	23	-376.66	31	0.00	18	
314	-15	-66	Min.	150.00	0.00	18	0.00	18	0.00	18	19.49	23	0.00	18	0.00	18	
314	-65	-15	Max	0.00	0.00	18	0.00	18	0.00	18	-19.49	23	0.00	30	0.00	18	
314	-65	-15	Max	150.00	0.00	18	0.00	18	0.00	18	-96.26	23	-86.81	23	0.00	18	
314	-65	-15	Min.	0.00	0.00	18	0.00	18	0.00	18	-124.56	31	0.00	24	0.00	18	
314	-65	-15	Min.	150.00	0.00	18	0.00	18	0.00	18	-377.65	31	-376.66	31	0.00	18	
315	203	-67	Max	0.00	0.00	18	0.00	18	0.00	18	392.58	31	-89.22	23	0.00	18	
315	203	-67	Max	150.00	0.00	18	0.00	18	0.00	18	130.14	31	0.00	30	0.00	18	
315	203	-67	Min.	0.00	0.00	18	0.00	18	0.00	18	98.60	23	-392.04	31	0.00	18	
315	203	-67	Min.	150.00	0.00	18	0.00	18	0.00	18	20.36	23	0.00	24	0.00	18	
315	-72	203	Max	0.00	0.00	18	0.00	18	0.00	18	-20.36	23	0.00	23	0.00	18	
315	-72	203	Max	150.00	0.00	18	0.00	18	0.00	18	-98.60	23	-89.22	23	0.00	18	
315	-72	203	Min.	0.00	0.00	18	0.00	18	0.00	18	-130.14	31	0.00	18	0.00	18	
315	-72	203	Min.	150.00	0.00	18	0.00	18	0.00	18	-392.58	31	-392.04	31	0.00	18	
316	-26	-74	Max	0.00	0.00	18	0.00	18	0.00	18	407.51	31	-91.62	23	0.00	18	
316	-26	-74	Max	150.00	0.00	18	0.00	18	0.00	18	135.72	31	0.00	30	0.00	18	
316	-26	-74	Min.	0.00	0.00	18	0.00	18	0.00	18	100.94	23	-407.42	31	0.00	18	
316	-26	-74	Min.	150.00	0.00	18	0.00	18	0.00	18	21.23	23	0.00	23	0.00	18	
316	-73	-26	Max	0.00	0.00	18	0.00	18	0.00	18	-21.23	23	0.00	23	0.00	18	
316	-73	-26	Max	150.00	0.00	18	0.00	18	0.00	18	-100.94	23	-91.63	23	0.00	18	
316	-73	-26	Min.	0.00	0.00	18	0.00	18	0.00	18	-135.72	31	0.00	31	0.00	18	
316	-73	-26	Min.	150.00	0.00	18	0.00	18	0.00	18	-407.51	31	-407.42	31	0.00	18	
317	-18	-71	Max	0.00	0.00	18	0.00	18	0.00	18	225.80	31	-62.34	23	0.00	18	
317	-18	-71	Max	150.00	0.00	18	0.00	18	0.00	18	67.86	31	0.00	30	0.00	18	
317	-18	-71	Min.	0.00	0.00	18	0.00	18	0.00	18	72.51	23	-220.24	31	0.00	18	
317	-18	-71	Min.	150.00	0.00	18	0.00	18	0.00	18	10.62	23	0.00	24	0.00	18	
317	-70	-18	Max	0.00	0.00	18	0.00	18	0.00	18	-10.62	23	0.00	30	0.00	18	
317	-70	-18	Max	150.00	0.00	18	0.00	18	0.00	18	-72.51	23	-62.34	23	0.00	18	
317	-70	-18	Min.	0.00	0.00	18	0.00	18	0.00	18	-67.86	31	0.00	24	0.00	18	
317	-70	-18	Min.	150.00	0.00	18	0.00	18	0.00	18	-225.80	31	-220.24	31	0.00	18	

Tipo di combinazione di carico: SLE F

Asta	N1	N2		X <cm>	N <daN>	CC	Ty <daN>	CC	Mz <daNm>	CC	Tz <daN>	CC	My <daNm>	CC	Mx <daNm>	CC
1	315	-45	Max	0.00	-1413.89	25	-34.46	25	64.78	19	0.00	19	0.00	19	0.00	32
1	315	-45	Max	330.00	-1224.65	25	-34.46	25	-85.84	25	0.00	19	0.00	19	0.00	32
1	315	-45	Min.	0.00	-2186.91	19	-74.51	19	27.88	25	0.00	25	0.00	25	0.00	25
1	315	-45	Min.	330.00	-1997.68	19	-74.51	19	-181.10	19	0.00	25	0.00	25	0.00	25
2	2	202	Max	0.00	-1507.89	25	140.90	19	-102.75	25	0.00	25	0.00	19	0.00	19
2	2	202	Max	330.00	-1318.65	25	140.90	19	294.94	19	0.00	25	0.00	19	0.00	19
2	2	202	Min.	0.00	-2304.98	19	85.33	25	-170.01	19	0.00	32	0.00	25	0.00	32
2	2	202	Min.	330.00	-2115.75	19	85.33	25	178.85	25	0.00	32	0.00	25	0.00	32
3	3	203	Max	0.00	-1297.71	25	-50.87	25	56.03	19	0.00	32	0.00	19	0.00	19
3	3	203	Max	330.00	-1108.47	25	-50.87	25	-122.13	25	0.00	32	0.00	19	0.00	19
3	3	203	Min.	0.00	-1994.61	19	-66.39	19	45.75	25	0.00	25	0.00	25	0.00	32
3	3	203	Min.	330.00	-1805.37	19	-66.39	19	-163.04	19	0.00	25	0.00	25	0.00	32
201	-3	-29	Max	0.00	0.00	19	0.00	19	0.00	32	-129.01	25	0.00	25	0.00	25
201	-3	-29	Max	144.80	0.00	19	0.00	19	0.00	32	-198.84	25	-237.37	25	0.00	25
201	-3	-29	Min.	0.00	0.00	19	0.00	19	0.00	19	-209.50	19	0.00	19	0.00	19
201	-3	-29	Min.	144.80	0.00	19	0.00	19	0.00	19	-279.34	19	-353.92	19	0.00	19
201	-29	-45	Max	0.00	0.00	19	0.00	19	0.00	19	-368.69	25	-237.36	25	0.00	25
201	-29	-45	Max	144.80	0.00	19	0.00	19	0.00	19	-438.52	25	-821.79	25	0.00	25
201	-29	-45	Min.	0.00	0.00	19	0.00	19	0.00	19	-610.16	19	-353.92	19	0.00	19
201	-29	-45	Min.	144.80	0.00	19	0.00	19	0.00	19	-680.00	19	-1288.00	19	0.00	19
202	-45	201	Max	0.00	-34.46	25	0.00	19	0.00	32	997.10	19	-907.63	25	0.00	19
202	-45	201	Max	132.57	-34.46	25	0.00	19	0.00	19	933.16	19	-128.44	25	0.00	19
202	-45	201	Min.	0.00	-74.51	19	0.00	32	0.00	25	619.74	25	-1469.10	19	0.00	25
202	-45	201	Min.	132.57	-74.51	19	0.00	32	0.00	32	555.80	25	-189.66	19	0.00	25
202	201	-6	Max	0.00	-34.46	25	0.00	19	0.00	19	622.83	19	-128.44	25	0.00	19
202	201	-6	Max	132.57	-34.46	25	0.00	19	0.00	19	558.90	19	593.63	19	0.00	19
202	201	-6	Min.	0.00	-74.51	19	0.00	32	0.00	32	392.86	25	-189.65	19	0.00	25
202	201	-6	Min.	132.57	-74.51	19	0.00	32	0.00	32	328.92	25	349.98	25	0.00	25
202	-6	-7	Max	0.00	-34.46	25	0.00	19	0.00	19	248.57	19	593.62	19	0.00	19
202	-6	-7	Max	132.57	-34.46	25	0.00	19	0.00	19	184.63	19	880.76	19	0.00	19
202	-6	-7	Min.	0.00	-74.51	19	0.00	32	0.00	32	165.98	25	349.96	25	0.00	32
202	-6	-7	Min.	132.57	-74.51	19	0.00	32	0.00	32	102.04	25	527.62	25	0.00	32
202	-7	-8	Max	0.00	-34.46	25	0.00	19	0.00	19	-60.90	25	880.76	19	0.00	25
202	-7	-8	Max	132.57	-34.46	25	0.00	19	0.00	19	-124.84	25	671.75	19	0.00	25
202	-7	-8	Min.	0.00	-74.51	19	0.00	32	0.00	32	-125.69	19	527.62	25	0.00	19
202	-7	-8	Min.	132.57	-74.51	19	0.00	32	0.00	32	-189.63	19	404.50	25	0.00	19
202	-8	-9	Max	0.00	-34.46	25	0.00	19	0.00	19	-287.79	25	671.75	19	0.00	25
202	-8	-9	Max	132.57	-34.46	25	0.00	19	0.00	19	-351.72	25	-19.39	25	0.00	25
202	-8	-9	Min.	0.00	-74.51	19	0.00	32	0.00	32	-499.96	19	404.50	25	0.00	19
202	-8	-9	Min.	132.57	-74.51	19	0.00	32	0.00	32	-563.90	19	-33.41	19	0.00	19
202	-9	-10	Max	0.00	-34.46	25	0.00	19	0.00	19	-514.66	25	-19.37	25	0.00	32
202	-9	-10	Max	132.57	-34.46	25	0.00	19	0.00	19	-578.60	25	-744.02	25	0.00	32
202	-9	-10	Min.	0.00	-74.51	19	0.00	32	0.00	32	-874.22	19	-33.38	19	0.00	19
202	-9	-10	Min.	132.57	-74.51	19	0.00	32	0.00	32	-938.16	19	-1234.68	19	0.00	19
202	-10	202	Max	0.00	-34.46	25	0.00	19	0.00	19	-704.16	25	-744.03	25	0.00	32
202	-10	202	Max	20.00	-34.46	25	0.00	19	0.00	19	-713.80	25	-885.83	25	0.00	32
202	-10	202	Min.	0.00	-74.51	19	0.00	32	0.00	32	-1137.41	19	-1234.71	19	0.00	19
202	-10	202	Min.	20.00	-74.51	19	0.00	32	0.00	32	-1147.06	19	-1463.16	19	0.00	19
203	202	-11	Max	0.00	66.39	19	0.00	32	0.00	19	968.69	19	-706.98	25	0.00	19
203	202	-11	Max	20.00	66.39	19	0.00	32	0.00	19	959.04	19	-586.98	25	0.00	19
203	202	-11	Min.	0.00	50.87	25	0.00	19	0.00	32	604.85	25	-1168.22	19	0.00	25
203	202	-11	Min.	20.00	50.87	25	0.00	19	0.00	32	595.20	25	-975.45	19	0.00	25
203	-11	-12	Max	0.00	66.39	19	0.00	32	0.00	19	759.52	19	-586.98	25	0.00	19
203	-11	-12	Max	132.90	66.39	19	0.00	32	0.00	19	695.42	19	-5.54	25	0.00	19
203	-11	-12	Min.	0.00	50.87	25	0.00	19	0.00	32	469.55	25	-975.45	19	0.00	25
203	-11	-12	Min.	132.90	50.87	25	0.00	19	0.00	32	405.45	25	-8.65	19	0.00	25
203	-12	-13	Max	0.00	66.39	19	0.00	32	0.00	19	384.53	19	-5.54	25	0.00	19
203	-12	-13	Max	132.90	66.39	19	0.00	32	0.00	19	320.44	19	459.81	19	0.00	19
203	-12	-13	Min.	0.00	50.87	25	0.00	19	0.00	32	242.32	25	-8.64	19	0.00	25
203	-12	-13	Min.	132.90	50.87	25	0.00	19	0.00	32	178.22	25	273.91	25	0.00	25
203	-13	-14	Max	0.00	66.39	19	0.00	32	0.00	19	15.09	25	459.81	19	0.00	32
203	-13	-14	Max	19.80									460.75	19		
203	-13	-14	Max	132.90	66.39	19	0.00	32	0.00	19	-49.01	25	429.91	19	0.00	32
203	-13	-14	Min.	0.00	50.87	25	0.00	19	0.00	32	9.55	19	273.91	25	0.00	19
203	-13	-14	Min.	31.29									276.27	25		
203	-13	-14	Min.	132.90	50.87	25	0.00	19	0.00	32	-54.55	19	251.38	25	0.00	19
203	-14	-15	Max	0.00	66.39	19	0.00	32	0.00	19	-212.14	25	429.91	19	0.00	25
203	-14	-15	Max	132.90	66.39	19	0.00	32	0.00	19	-276.23	25	-73.14	25	0.00	25
203	-14	-15	Min.	0.00	50.87	25	0.00	19	0.00	32	-365.43	19	251.38	25	0.00	19
203	-14	-15	Min.	132.90	50.87	25	0.00	19	0.00	32	-429.53	19	-98.35	19	0.00	19
203	-15	203	Max	0.00	66.39	19	0.00	32	0.00	19	-439.37	25	-73.14	25	0.00	25
203	-15	203	Max	132.90	66.39	19	0.00	32	0.00	32	-503.46	25	-699.65	25	0.00	25
203	-15	203	Min.	0.00	50.87	25	0.00	19	0.00	32	-740.42	19	-98.35	19	0.00	19
203	-15	203	Min.	132.90	50.87	25	0.00	19	0.00	19	-804.51	19	-1124.95	19	0.00	19
204	203	-26	Max	0.00	0.00	25	0.00	19	0.00	19	680.00	19	-821.78	25	0.00	32
204	203	-26	Max	144.80	0.00	25	0.00	19	0.00	19	610.16	19	-237.36	25	0.00	32
204	203	-26	Min.	0.00	0.00	19	0.00	19	0.00	19	438.52	25	-1288.00	19	0.00	25
204	203	-26	Min.	144.80	0.00	19	0.00	19	0.00	19	368.69	25	-353.92	19	0.00	25
204	-26	-18	Max	0.00	0.00	19	0.00	19	0.00	19	279.34	19	-237.36	25	0.00	32
204	-26	-18	Max	144.80	0.00	19	0.00	19	0.00	19	209.50	19	0.00	19	0.00	32
204	-26	-18	Min.	0.00	0.00	19	0.00	19	0.00	19	198.84	25	-353.92	19	0.00	25
204	-26	-18	Min.	144.80	0.00	19	0.00	19	0.00	19	129.01	25	0.00	32	0.00	25
301	-45	-79	Max	0.00	0.00	19	0.00	19	0.00	19	160.29	19	-73.35	25	0.00	19
301	-45	-79	Max	150.00	0.00	19	0.00	19	0.00	19	43.39	19	0.00	19	0.00	19
301	-45	-79	Min.	0.00	0.00	19	0.00	19	0.00	19	83.20	25	-152.76	19	0.00	19
301	-45	-79	Min.	150.00	0.00	19	0.00	19	0.00	19	14.61	25	0.00	25	0.00	19
301	-80	-45	Max	0.00	0.00	19	0.00	19	0.00	19	-14.61	25	0.00	25	0.00	19
301	-80	-45	Max	150.00	0.00	19	0.00	19	0.00	19	-83.20	25	-73.35	25	0.00	19
301	-80	-45	Min.	0.00	0.00	19	0.00	19	0.00	19	-43.39	19	0.00	19	0.00	19
301	-80	-45	Min.	150.00	0.00	19	0.00	19	0.00	19	-160.29	19	-152.76	19	0.00	19
302	-3	-69	Max	0.00	0.00	19	0.00	19	0.00	19	104.75	19	-54.10	25	0.00	19
302	-3	-69	Max	150.00	0.00	19	0.00	19	0.00	19	22.65	19	0.00	25	0.00	19
302	-3	-69	Min.	0.00	0.00	19	0.00	19	0.00	19	64.50	25	-95.55	19	0.00	19
302	-3	-69	Min.	150.00	0.00	19	0.00	19	0.00	19	7.62	25	0.00	32	0.00	19
302	-68	-3	Max	0.00	0.00	19	0.00	19	0.00	19	-7.62	25	0.00	19	0.00	19
302	-68	-3	Max	150.00	0.00	19	0.00	19	0.00	19	-64.50	25	-54.10	25	0.00	19
302	-68	-3	Min.	0.00	0.00	19	0.00	19	0.00	19	-22.65	19	0.00	25	0.00	19

302	-68	-3	Min.	150.00	0.00	19	0.00	19	0.00	19	-104.75	19	-95.55	19	0.00	19
303	-29	-76	Max	0.00	0.00	19	0.00	19	0.00	19	165.41	19	-75.13	25	0.00	19
303	-29	-76	Max	150.00	0.00	19	0.00	19	0.00	19	45.31	19	0.00	19	0.00	19
303	-29	-76	Min.	0.00	0.00	19	0.00	19	0.00	19	84.92	25	-158.04	19	0.00	19
303	-29	-76	Min.	150.00	0.00	19	0.00	19	0.00	19	15.25	25	0.00	32	0.00	19
303	-75	-29	Max	0.00	0.00	19	0.00	19	0.00	19	-15.25	25	0.00	19	0.00	19
303	-75	-29	Max	150.00	0.00	19	0.00	19	0.00	19	-84.92	25	-75.13	25	0.00	19
303	-75	-29	Min.	0.00	0.00	19	0.00	19	0.00	19	-45.31	19	0.00	32	0.00	19
303	-75	-29	Min.	150.00	0.00	19	0.00	19	0.00	19	-165.41	19	-158.04	19	0.00	19
304	201	-77	Max	0.00	0.00	19	0.00	19	0.00	19	155.16	19	-71.57	25	0.00	19
304	201	-77	Max	150.00	0.00	19	0.00	19	0.00	19	41.48	19	0.00	32	0.00	19
304	201	-77	Min.	0.00	0.00	19	0.00	19	0.00	19	81.47	25	-147.48	19	0.00	19
304	201	-77	Min.	150.00	0.00	19	0.00	19	0.00	19	13.96	25	0.00	19	0.00	19
304	-78	201	Max	0.00	0.00	19	0.00	19	0.00	19	-13.96	25	0.00	25	0.00	19
304	-78	201	Max	150.00	0.00	19	0.00	19	0.00	19	-81.47	25	-71.57	25	0.00	19
304	-78	201	Min.	0.00	0.00	19	0.00	19	0.00	19	-41.48	19	0.00	19	0.00	19
304	-78	201	Min.	150.00	0.00	19	0.00	19	0.00	19	-155.16	19	-147.48	19	0.00	19
305	-6	-48	Max	0.00	0.00	19	0.00	19	0.00	19	155.16	19	-71.57	25	0.00	19
305	-6	-48	Max	150.00	0.00	19	0.00	19	0.00	19	41.48	19	0.00	32	0.00	19
305	-6	-48	Min.	0.00	0.00	19	0.00	19	0.00	19	81.47	25	-147.48	19	0.00	19
305	-6	-48	Min.	150.00	0.00	19	0.00	19	0.00	19	13.96	25	0.00	19	0.00	19
305	-47	-6	Max	0.00	0.00	19	0.00	19	0.00	19	-13.96	25	0.00	32	0.00	19
305	-47	-6	Max	150.00	0.00	19	0.00	19	0.00	19	-81.47	25	-71.57	25	0.00	19
305	-47	-6	Min.	0.00	0.00	19	0.00	19	0.00	19	-41.48	19	0.00	19	0.00	19
305	-47	-6	Min.	150.00	0.00	19	0.00	19	0.00	19	-155.16	19	-147.48	19	0.00	19
306	-7	-50	Max	0.00	0.00	19	0.00	19	0.00	19	155.16	19	-71.57	25	0.00	19
306	-7	-50	Max	150.00	0.00	19	0.00	19	0.00	19	41.48	19	0.00	32	0.00	19
306	-7	-50	Min.	0.00	0.00	19	0.00	19	0.00	19	81.47	25	-147.48	19	0.00	19
306	-7	-50	Min.	150.00	0.00	19	0.00	19	0.00	19	13.96	25	0.00	19	0.00	19
306	-49	-7	Max	0.00	0.00	19	0.00	19	0.00	19	-13.96	25	0.00	25	0.00	19
306	-49	-7	Max	150.00	0.00	19	0.00	19	0.00	19	-81.47	25	-71.57	25	0.00	19
306	-49	-7	Min.	0.00	0.00	19	0.00	19	0.00	19	-41.48	19	0.00	32	0.00	19
306	-49	-7	Min.	150.00	0.00	19	0.00	19	0.00	19	-155.16	19	-147.48	19	0.00	19
307	-8	-52	Max	0.00	0.00	19	0.00	19	0.00	19	155.16	19	-71.57	25	0.00	19
307	-8	-52	Max	150.00	0.00	19	0.00	19	0.00	19	41.48	19	0.00	32	0.00	19
307	-8	-52	Min.	0.00	0.00	19	0.00	19	0.00	19	81.47	25	-147.48	19	0.00	19
307	-8	-52	Min.	150.00	0.00	19	0.00	19	0.00	19	13.96	25	0.00	19	0.00	19
307	-51	-8	Max	0.00	0.00	19	0.00	19	0.00	19	-13.96	25	0.00	19	0.00	19
307	-51	-8	Max	150.00	0.00	19	0.00	19	0.00	19	-81.47	25	-71.57	25	0.00	19
307	-51	-8	Min.	0.00	0.00	19	0.00	19	0.00	19	-41.48	19	0.00	25	0.00	19
307	-51	-8	Min.	150.00	0.00	19	0.00	19	0.00	19	-155.16	19	-147.48	19	0.00	19
308	-9	-54	Max	0.00	0.00	19	0.00	19	0.00	19	155.16	19	-71.57	25	0.00	19
308	-9	-54	Max	150.00	0.00	19	0.00	19	0.00	19	41.48	19	0.00	32	0.00	19
308	-9	-54	Min.	0.00	0.00	19	0.00	19	0.00	19	81.47	25	-147.48	19	0.00	19
308	-9	-54	Min.	150.00	0.00	19	0.00	19	0.00	19	13.96	25	0.00	25	0.00	19
308	-53	-9	Max	0.00	0.00	19	0.00	19	0.00	19	-13.96	25	0.00	32	0.00	19
308	-53	-9	Max	150.00	0.00	19	0.00	19	0.00	19	-81.47	25	-71.57	25	0.00	19
308	-53	-9	Min.	0.00	0.00	19	0.00	19	0.00	19	-41.48	19	0.00	25	0.00	19
308	-53	-9	Min.	150.00	0.00	19	0.00	19	0.00	19	-155.16	19	-147.48	19	0.00	19
309	-10	-56	Max	0.00	0.00	19	0.00	19	0.00	19	99.62	19	-52.32	25	0.00	19
309	-10	-56	Max	150.00	0.00	19	0.00	19	0.00	19	20.74	19	0.00	32	0.00	19
309	-10	-56	Min.	0.00	0.00	19	0.00	19	0.00	19	62.78	25	-90.27	19	0.00	19
309	-10	-56	Min.	150.00	0.00	19	0.00	19	0.00	19	6.98	25	0.00	25	0.00	19
309	-55	-10	Max	0.00	0.00	19	0.00	19	0.00	19	-6.98	25	0.00	25	0.00	19
309	-55	-10	Max	150.00	0.00	19	0.00	19	0.00	19	-62.78	25	-52.32	25	0.00	19
309	-55	-10	Min.	0.00	0.00	19	0.00	19	0.00	19	-20.74	19	0.00	19	0.00	19
309	-55	-10	Min.	150.00	0.00	19	0.00	19	0.00	19	-99.62	19	-90.27	19	0.00	19
310	-11	-58	Max	0.00	0.00	19	0.00	19	0.00	19	99.76	19	-52.37	25	0.00	19
310	-11	-58	Max	150.00	0.00	19	0.00	19	0.00	19	20.79	19	0.00	19	0.00	19
310	-11	-58	Min.	0.00	0.00	19	0.00	19	0.00	19	62.83	25	-90.42	19	0.00	19
310	-11	-58	Min.	150.00	0.00	19	0.00	19	0.00	19	7.00	25	0.00	32	0.00	19
310	-57	-11	Max	0.00	0.00	19	0.00	19	0.00	19	-7.00	25	0.00	19	0.00	19
310	-57	-11	Max	150.00	0.00	19	0.00	19	0.00	19	-62.83	25	-52.37	25	0.00	19
310	-57	-11	Min.	0.00	0.00	19	0.00	19	0.00	19	-20.79	19	0.00	32	0.00	19
310	-57	-11	Min.	150.00	0.00	19	0.00	19	0.00	19	-99.76	19	-90.42	19	0.00	19
311	-12	-60	Max	0.00	0.00	19	0.00	19	0.00	19	155.44	19	-71.67	25	0.00	19
311	-12	-60	Max	150.00	0.00	19	0.00	19	0.00	19	41.58	19	0.00	25	0.00	19
311	-12	-60	Min.	0.00	0.00	19	0.00	19	0.00	19	81.57	25	-147.77	19	0.00	19
311	-12	-60	Min.	150.00	0.00	19	0.00	19	0.00	19	14.00	25	0.00	19	0.00	19
311	-59	-12	Max	0.00	0.00	19	0.00	19	0.00	19	-14.00	25	0.00	19	0.00	19
311	-59	-12	Max	150.00	0.00	19	0.00	19	0.00	19	-81.57	25	-71.67	25	0.00	19
311	-59	-12	Min.	0.00	0.00	19	0.00	19	0.00	19	-41.58	19	0.00	25	0.00	19
311	-59	-12	Min.	150.00	0.00	19	0.00	19	0.00	19	-155.44	19	-147.77	19	0.00	19
312	-13	-62	Max	0.00	0.00	19	0.00	19	0.00	19	155.44	19	-71.67	25	0.00	19
312	-13	-62	Max	150.00	0.00	19	0.00	19	0.00	19	41.58	19	0.00	25	0.00	19
312	-13	-62	Min.	0.00	0.00	19	0.00	19	0.00	19	81.57	25	-147.77	19	0.00	19
312	-13	-62	Min.	150.00	0.00	19	0.00	19	0.00	19	14.00	25	0.00	19	0.00	19
312	-61	-13	Max	0.00	0.00	19	0.00	19	0.00	19	-14.00	25	0.00	32	0.00	19
312	-61	-13	Max	150.00	0.00	19	0.00	19	0.00	19	-81.57	25	-71.67	25	0.00	19
312	-61	-13	Min.	0.00	0.00	19	0.00	19	0.00	19	-41.58	19	0.00	25	0.00	19
312	-61	-13	Min.	150.00	0.00	19	0.00	19	0.00	19	-155.44	19	-147.77	19	0.00	19
313	-14	-64	Max	0.00	0.00	19	0.00	19	0.00	19	155.44	19	-71.67	25	0.00	19
313	-14	-64	Max	150.00	0.00	19	0.00	19	0.00	19	41.58	19	0.00	25	0.00	19
313	-14	-64	Min.	0.00	0.00	19	0.00	19	0.00	19	81.57	25	-147.77	19	0.00	19
313	-14	-64	Min.	150.00	0.00	19	0.00	19	0.00	19	14.00	25	0.00	19	0.00	19
313	-63	-14	Max	0.00	0.00	19	0.00	19	0.00	19	-14.00	25	0.00	32	0.00	19
313	-63	-14	Max	150.00	0.00	19	0.00	19	0.00	19	-81.57	25	-71.67	25	0.00	19
313	-63	-14	Min.	0.00	0.00	19	0.00	19	0.00	19	-41.58	19	0.00	25	0.00	19
313	-63	-14	Min.	150.00	0.00	19	0.00	19	0.00	19	-155.44	19	-147.77	19	0.00	19
314	-15	-66	Max	0.00	0.00	19	0.00	19	0.00	19	155.44	19	-71.67	25	0.00	19
314	-15	-66	Max	150.00	0.00	19	0.00	19	0.00	19	41.58	19	0.00	25	0.00	19
314	-15	-66	Min.	0.00	0.00	19	0.00	19	0.00	19	81.57	25	-147.77	19	0.00	19
314	-15	-66	Min.	150.00	0.00	19	0.00	19	0.00	19	14.00	25	0.00	19	0.00	19
314	-65	-15	Max	0.00	0.00	19	0.00	19	0.00	19	-14.00	25	0.00	32	0.00	19
314	-65	-15	Max	150.00	0.00	19	0.00	19	0.00	19	-81.57	25	-71.67	25	0.00	19
314	-65	-15	Min.	0.00	0.00	19	0.00	19	0.00	19	-41.58	19	0.00	19	0.00	19
314	-65	-15	Min.	150.00	0.00	19	0.00	19	0.00	19	-155.44	19	-147.77	19	0.00	19
315	203	-67	Max	0.00	0.00	19	0.00	19	0.00	19	160.43	19	-73.40	25	0.00	19
315	203	-67	Max	150.00	0.00	19	0.00	19	0.00	19	43.45	19	0.00	32	0.00	19
315	203	-67	Min.	0.00	0.00	19	0.00	19	0.00	19	83.24	25	-152.91	19	0.00	19
315	203	-67	Min.	150.00	0.00	19	0.00	19	0.00	19	14.62	25	0.00	19	0.00	19

315	-72	203	Max	0.00	0.00	19	0.00	19	0.00	19	-14.62	25	0.00	25	0.00	19
315	-72	203	Max	150.00	0.00	19	0.00	19	0.00	19	-83.24	25	-73.40	25	0.00	19
315	-72	203	Min.	0.00	0.00	19	0.00	19	0.00	19	-43.45	19	0.00	19	0.00	19
315	-72	203	Min.	150.00	0.00	19	0.00	19	0.00	19	-160.43	19	-152.91	19	0.00	19
316	-26	-74	Max	0.00	0.00	19	0.00	19	0.00	19	165.41	19	-75.13	25	0.00	19
316	-26	-74	Max	150.00	0.00	19	0.00	19	0.00	19	45.31	19	0.00	32	0.00	19
316	-26	-74	Min.	0.00	0.00	19	0.00	19	0.00	19	84.92	25	-158.04	19	0.00	19
316	-26	-74	Min.	150.00	0.00	19	0.00	19	0.00	19	15.25	25	0.00	25	0.00	19
316	-73	-26	Max	0.00	0.00	19	0.00	19	0.00	19	-15.25	25	0.00	25	0.00	19
316	-73	-26	Max	150.00	0.00	19	0.00	19	0.00	19	-84.92	25	-75.13	25	0.00	19
316	-73	-26	Min.	0.00	0.00	19	0.00	19	0.00	19	-45.31	19	0.00	19	0.00	19
316	-73	-26	Min.	150.00	0.00	19	0.00	19	0.00	19	-165.41	19	-158.04	19	0.00	19
317	-18	-71	Max	0.00	0.00	19	0.00	19	0.00	19	104.75	19	-54.10	25	0.00	19
317	-18	-71	Max	150.00	0.00	19	0.00	19	0.00	19	22.65	19	0.00	32	0.00	19
317	-18	-71	Min.	0.00	0.00	19	0.00	19	0.00	19	64.50	25	-95.55	19	0.00	19
317	-18	-71	Min.	150.00	0.00	19	0.00	19	0.00	19	7.62	25	0.00	19	0.00	19
317	-70	-18	Max	0.00	0.00	19	0.00	19	0.00	19	-7.62	25	0.00	32	0.00	19
317	-70	-18	Max	150.00	0.00	19	0.00	19	0.00	19	-64.50	25	-54.10	25	0.00	19
317	-70	-18	Min.	0.00	0.00	19	0.00	19	0.00	19	-22.65	19	0.00	19	0.00	19
317	-70	-18	Min.	150.00	0.00	19	0.00	19	0.00	19	-104.75	19	-95.55	19	0.00	19

Tipo di combinazione di carico: SLE Q

Asta	N1	N2		X <cm>	N <daN>	CC	Ty <daN>	CC	Mz <daNm>	CC	Tz <daN>	CC	My <daNm>	CC	Mx <daNm>	CC
1	315	-45	Max	0.00	-1687.54	20	-48.64	20	40.94	20	0.00	20	0.00	20	0.00	20
1	315	-45	Max	330.00	-1498.31	20	-48.64	20	-119.56	20	0.00	20	0.00	20	0.00	20
1	315	-45	Min.	0.00	-1687.54	20	-48.64	20	40.94	20	0.00	20	0.00	20	0.00	20
1	315	-45	Min.	330.00	-1498.31	20	-48.64	20	-119.56	20	0.00	20	0.00	20	0.00	20
2	2	202	Max	0.00	-1790.06	20	105.00	20	-126.56	20	0.00	20	0.00	20	0.00	20
2	2	202	Max	330.00	-1600.83	20	105.00	20	219.94	20	0.00	20	0.00	20	0.00	20
2	2	202	Min.	0.00	-1790.06	20	105.00	20	-126.56	20	0.00	20	0.00	20	0.00	20
2	2	202	Min.	330.00	-1600.83	20	105.00	20	219.94	20	0.00	20	0.00	20	0.00	20
3	3	203	Max	0.00	-1544.42	20	-56.36	20	49.39	20	0.00	20	0.00	20	0.00	20
3	3	203	Max	330.00	-1355.18	20	-56.36	20	-136.61	20	0.00	20	0.00	20	0.00	20
3	3	203	Min.	0.00	-1544.42	20	-56.36	20	49.39	20	0.00	20	0.00	20	0.00	20
3	3	203	Min.	330.00	-1355.18	20	-56.36	20	-136.61	20	0.00	20	0.00	20	0.00	20
201	-3	-29	Max	0.00	0.00	20	0.00	20	0.00	20	-157.50	20	0.00	20	0.00	20
201	-3	-29	Max	144.80	0.00	20	0.00	20	0.00	20	-227.34	20	-278.62	20	0.00	20
201	-3	-29	Min.	0.00	0.00	20	0.00	20	0.00	20	-157.50	20	0.00	20	0.00	20
201	-3	-29	Min.	144.80	0.00	20	0.00	20	0.00	20	-227.34	20	-278.62	20	0.00	20
201	-29	-45	Max	0.00	0.00	20	0.00	20	0.00	20	-454.17	20	-278.62	20	0.00	20
201	-29	-45	Max	144.80	0.00	20	0.00	20	0.00	20	-524.01	20	-986.83	20	0.00	20
201	-29	-45	Min.	0.00	0.00	20	0.00	20	0.00	20	-454.17	20	-278.62	20	0.00	20
201	-29	-45	Min.	144.80	0.00	20	0.00	20	0.00	20	-524.01	20	-986.83	20	0.00	20
202	-45	201	Max	0.00	-48.64	20	0.00	20	0.00	20	753.33	20	-1106.39	20	0.00	20
202	-45	201	Max	132.57	-48.64	20	0.00	20	0.00	20	689.39	20	-150.11	20	0.00	20
202	-45	201	Min.	0.00	-48.64	20	0.00	20	0.00	20	753.33	20	-1106.39	20	0.00	20
202	-45	201	Min.	132.57	-48.64	20	0.00	20	0.00	20	689.39	20	-150.11	20	0.00	20
202	201	-6	Max	0.00	-48.64	20	0.00	20	0.00	20	474.27	20	-150.11	20	0.00	20
202	201	-6	Max	132.57	-48.64	20	0.00	20	0.00	20	410.33	20	436.23	20	0.00	20
202	201	-6	Min.	0.00	-48.64	20	0.00	20	0.00	20	474.27	20	-150.11	20	0.00	20
202	201	-6	Min.	132.57	-48.64	20	0.00	20	0.00	20	410.33	20	436.23	20	0.00	20
202	-6	-7	Max	0.00	-48.64	20	0.00	20	0.00	20	195.22	20	436.22	20	0.00	20
202	-6	-7	Max	132.57	-48.64	20	0.00	20	0.00	20	131.28	20	652.63	20	0.00	20
202	-6	-7	Min.	0.00	-48.64	20	0.00	20	0.00	20	195.22	20	436.22	20	0.00	20
202	-6	-7	Min.	132.57	-48.64	20	0.00	20	0.00	20	131.28	20	652.63	20	0.00	20
202	-7	-8	Max	0.00	-48.64	20	0.00	20	0.00	20	-83.84	20	652.63	20	0.00	20
202	-7	-8	Max	132.57	-48.64	20	0.00	20	0.00	20	-147.78	20	499.11	20	0.00	20
202	-7	-8	Min.	0.00	-48.64	20	0.00	20	0.00	20	-83.84	20	652.63	20	0.00	20
202	-7	-8	Min.	132.57	-48.64	20	0.00	20	0.00	20	-147.78	20	499.11	20	0.00	20
202	-8	-9	Max	0.00	-48.64	20	0.00	20	0.00	20	-362.90	20	499.11	20	0.00	20
202	-8	-9	Max	132.57	-48.64	20	0.00	20	0.00	20	-426.83	20	-24.35	20	0.00	20
202	-8	-9	Min.	0.00	-48.64	20	0.00	20	0.00	20	-362.90	20	499.11	20	0.00	20
202	-8	-9	Min.	132.57	-48.64	20	0.00	20	0.00	20	-426.83	20	-24.35	20	0.00	20
202	-9	-10	Max	0.00	-48.64	20	0.00	20	0.00	20	-641.95	20	-24.33	20	0.00	20
202	-9	-10	Max	132.57	-48.64	20	0.00	20	0.00	20	-705.89	20	-917.71	20	0.00	20
202	-9	-10	Min.	0.00	-48.64	20	0.00	20	0.00	20	-641.95	20	-24.33	20	0.00	20
202	-9	-10	Min.	132.57	-48.64	20	0.00	20	0.00	20	-705.89	20	-917.71	20	0.00	20
202	-10	202	Max	0.00	-48.64	20	0.00	20	0.00	20	-857.53	20	-917.74	20	0.00	20
202	-10	202	Max	20.00	-48.64	20	0.00	20	0.00	20	-867.18	20	-1090.21	20	0.00	20
202	-10	202	Min.	0.00	-48.64	20	0.00	20	0.00	20	-857.53	20	-917.74	20	0.00	20
202	-10	202	Min.	20.00	-48.64	20	0.00	20	0.00	20	-867.18	20	-1090.21	20	0.00	20
203	202	-11	Max	0.00	56.36	20	0.00	20	0.00	20	733.65	20	-870.26	20	0.00	20
203	202	-11	Max	20.00	56.36	20	0.00	20	0.00	20	724.00	20	-724.50	20	0.00	20
203	202	-11	Min.	0.00	56.36	20	0.00	20	0.00	20	733.65	20	-870.26	20	0.00	20
203	202	-11	Min.	20.00	56.36	20	0.00	20	0.00	20	724.00	20	-724.50	20	0.00	20
203	-11	-12	Max	0.00	56.36	20	0.00	20	0.00	20	572.20	20	-724.50	20	0.00	20
203	-11	-12	Max	132.90	56.36	20	0.00	20	0.00	20	508.10	20	-6.64	20	0.00	20
203	-11	-12	Min.	0.00	56.36	20	0.00	20	0.00	20	572.20	20	-724.50	20	0.00	20
203	-11	-12	Min.	132.90	56.36	20	0.00	20	0.00	20	508.10	20	-6.64	20	0.00	20
203	-12	-13	Max	0.00	56.36	20	0.00	20	0.00	20	292.67	20	-6.64	20	0.00	20
203	-12	-13	Max	132.90	56.36	20	0.00	20	0.00	20	228.57	20	339.72	20	0.00	20
203	-12	-13	Min.	0.00	56.36	20	0.00	20	0.00	20	292.67	20	-6.64	20	0.00	20
203	-12	-13	Min.	132.90	56.36	20	0.00	20	0.00	20	228.57	20	339.72	20	0.00	20
203	-13	-14	Max	0.00	56.36	20	0.00	20	0.00	20	13.13	20	339.72	20	0.00	20
203	-13	-14	Max	27.22									341.51	20		
203	-13	-14	Max	132.90	56.36	20	0.00	20	0.00	20	-50.97	20	314.58	20	0.00	20
203	-13	-14	Min.	0.00	56.36	20	0.00	20	0.00	20	13.13	20	339.72	20	0.00	20
203	-13	-14	Min.	27.22									341.51	20		
203	-13	-14	Min.	132.90	56.36	20	0.00	20	0.00	20	-50.97	20	314.58	20	0.00	20
203	-14	-15	Max	0.00	56.36	20	0.00	20	0.00	20	-266.40	20	314.58	20	0.00	20
203	-14	-15	Max	132.90	56.36	20	0.00	20	0.00	20	-330.50	20	-82.07	20	0.00	20
203	-14	-15	Min.	0.00	56.36	20	0.00	20	0.00	20	-266.40	20	314.58	20	0.00	20
203	-14	-15	Min.	132.90	56.36	20	0.00	20	0.00	20	-330.50	20	-82.07	20	0.00	20
203	-15	203	Max	0.00	56.36	20	0.00	20	0.00	20	-545.94	20	-82.07	20	0.00	20
203	-15	203	Max	132.90	56.36	20	0.00	20	0.00	20	-610.04	20	-850.21	20	0.00	20
203	-15	203	Min.	0.00	56.36	20	0.00	20	0.00	20	-545.94	20	-82.07	20	0.00	20
203	-15	203	Min.	132.90	56.36	20	0.00	20	0.00	20	-610.04	20	-850.21	20	0.00	20
204	203	-26	Max	0.00	0.00	20	0.00	20	0.00	20	524.01	20	-986.83	20	0.00	20
204	203	-26	Max	144.80	0.00	20	0.00	20	0.00	20	454.17	20	-278.62	20	0.00	20

204	203	-26	Min.	0.00	0.00	20	0.00	20	0.00	20	524.01	20	-986.83	20	0.00	20
204	203	-26	Min.	144.80	0.00	20	0.00	20	0.00	20	454.17	20	-278.62	20	0.00	20
204	-26	-18	Max	0.00	0.00	20	0.00	20	0.00	20	227.34	20	-278.62	20	0.00	20
204	-26	-18	Max	144.80	0.00	20	0.00	20	0.00	20	157.50	20	0.00	20	0.00	20
204	-26	-18	Min.	0.00	0.00	20	0.00	20	0.00	20	227.34	20	-278.62	20	0.00	20
204	-26	-18	Min.	144.80	0.00	20	0.00	20	0.00	20	157.50	20	0.00	20	0.00	20
301	-45	-79	Max	0.00	0.00	20	0.00	20	0.00	20	110.49	20	-101.46	20	0.00	20
301	-45	-79	Max	150.00	0.00	20	0.00	20	0.00	20	24.80	20	0.00	20	0.00	20
301	-45	-79	Min.	0.00	0.00	20	0.00	20	0.00	20	110.49	20	-101.46	20	0.00	20
301	-45	-79	Min.	150.00	0.00	20	0.00	20	0.00	20	24.80	20	0.00	20	0.00	20
301	-80	-45	Max	0.00	0.00	20	0.00	20	0.00	20	-24.80	20	0.00	20	0.00	20
301	-80	-45	Max	150.00	0.00	20	0.00	20	0.00	20	-110.49	20	-101.46	20	0.00	20
301	-80	-45	Min.	0.00	0.00	20	0.00	20	0.00	20	-24.80	20	0.00	20	0.00	20
301	-80	-45	Min.	150.00	0.00	20	0.00	20	0.00	20	-110.49	20	-101.46	20	0.00	20
302	-3	-69	Max	0.00	0.00	20	0.00	20	0.00	20	78.75	20	-68.77	20	0.00	20
302	-3	-69	Max	150.00	0.00	20	0.00	20	0.00	20	12.95	20	0.00	20	0.00	20
302	-3	-69	Min.	0.00	0.00	20	0.00	20	0.00	20	78.75	20	-68.77	20	0.00	20
302	-3	-69	Min.	150.00	0.00	20	0.00	20	0.00	20	12.95	20	0.00	20	0.00	20
302	-68	-3	Max	0.00	0.00	20	0.00	20	0.00	20	-12.95	20	0.00	20	0.00	20
302	-68	-3	Max	150.00	0.00	20	0.00	20	0.00	20	-78.75	20	-68.77	20	0.00	20
302	-68	-3	Min.	0.00	0.00	20	0.00	20	0.00	20	-12.95	20	0.00	20	0.00	20
302	-68	-3	Min.	150.00	0.00	20	0.00	20	0.00	20	-78.75	20	-68.77	20	0.00	20
303	-29	-76	Max	0.00	0.00	20	0.00	20	0.00	20	113.42	20	-104.48	20	0.00	20
303	-29	-76	Max	150.00	0.00	20	0.00	20	0.00	20	25.89	20	0.00	20	0.00	20
303	-29	-76	Min.	0.00	0.00	20	0.00	20	0.00	20	113.42	20	-104.48	20	0.00	20
303	-29	-76	Min.	150.00	0.00	20	0.00	20	0.00	20	25.89	20	0.00	20	0.00	20
303	-75	-29	Max	0.00	0.00	20	0.00	20	0.00	20	-25.89	20	0.00	20	0.00	20
303	-75	-29	Max	150.00	0.00	20	0.00	20	0.00	20	-113.42	20	-104.48	20	0.00	20
303	-75	-29	Min.	0.00	0.00	20	0.00	20	0.00	20	-25.89	20	0.00	20	0.00	20
303	-75	-29	Min.	150.00	0.00	20	0.00	20	0.00	20	-113.42	20	-104.48	20	0.00	20
304	201	-77	Max	0.00	0.00	20	0.00	20	0.00	20	107.56	20	-98.45	20	0.00	20
304	201	-77	Max	150.00	0.00	20	0.00	20	0.00	20	23.70	20	0.00	20	0.00	20
304	201	-77	Min.	0.00	0.00	20	0.00	20	0.00	20	107.56	20	-98.45	20	0.00	20
304	201	-77	Min.	150.00	0.00	20	0.00	20	0.00	20	23.70	20	0.00	20	0.00	20
304	-78	201	Max	0.00	0.00	20	0.00	20	0.00	20	-23.70	20	0.00	20	0.00	20
304	-78	201	Max	150.00	0.00	20	0.00	20	0.00	20	-107.56	20	-98.45	20	0.00	20
304	-78	201	Min.	0.00	0.00	20	0.00	20	0.00	20	-23.70	20	0.00	20	0.00	20
304	-78	201	Min.	150.00	0.00	20	0.00	20	0.00	20	-107.56	20	-98.45	20	0.00	20
305	-6	-48	Max	0.00	0.00	20	0.00	20	0.00	20	107.56	20	-98.45	20	0.00	20
305	-6	-48	Max	150.00	0.00	20	0.00	20	0.00	20	23.70	20	0.00	20	0.00	20
305	-6	-48	Min.	0.00	0.00	20	0.00	20	0.00	20	107.56	20	-98.45	20	0.00	20
305	-6	-48	Min.	150.00	0.00	20	0.00	20	0.00	20	23.70	20	0.00	20	0.00	20
305	-47	-6	Max	0.00	0.00	20	0.00	20	0.00	20	-23.70	20	0.00	20	0.00	20
305	-47	-6	Max	150.00	0.00	20	0.00	20	0.00	20	-107.56	20	-98.45	20	0.00	20
305	-47	-6	Min.	0.00	0.00	20	0.00	20	0.00	20	-23.70	20	0.00	20	0.00	20
305	-47	-6	Min.	150.00	0.00	20	0.00	20	0.00	20	-107.56	20	-98.45	20	0.00	20
306	-7	-50	Max	0.00	0.00	20	0.00	20	0.00	20	107.56	20	-98.45	20	0.00	20
306	-7	-50	Max	150.00	0.00	20	0.00	20	0.00	20	23.70	20	0.00	20	0.00	20
306	-7	-50	Min.	0.00	0.00	20	0.00	20	0.00	20	107.56	20	-98.45	20	0.00	20
306	-7	-50	Min.	150.00	0.00	20	0.00	20	0.00	20	23.70	20	0.00	20	0.00	20
306	-49	-7	Max	0.00	0.00	20	0.00	20	0.00	20	-23.70	20	0.00	20	0.00	20
306	-49	-7	Max	150.00	0.00	20	0.00	20	0.00	20	-107.56	20	-98.45	20	0.00	20
306	-49	-7	Min.	0.00	0.00	20	0.00	20	0.00	20	-23.70	20	0.00	20	0.00	20
306	-49	-7	Min.	150.00	0.00	20	0.00	20	0.00	20	-107.56	20	-98.45	20	0.00	20
307	-8	-52	Max	0.00	0.00	20	0.00	20	0.00	20	107.56	20	-98.45	20	0.00	20
307	-8	-52	Max	150.00	0.00	20	0.00	20	0.00	20	23.70	20	0.00	20	0.00	20
307	-8	-52	Min.	0.00	0.00	20	0.00	20	0.00	20	107.56	20	-98.45	20	0.00	20
307	-8	-52	Min.	150.00	0.00	20	0.00	20	0.00	20	23.70	20	0.00	20	0.00	20
307	-51	-8	Max	0.00	0.00	20	0.00	20	0.00	20	-23.70	20	0.00	20	0.00	20
307	-51	-8	Max	150.00	0.00	20	0.00	20	0.00	20	-107.56	20	-98.45	20	0.00	20
307	-51	-8	Min.	0.00	0.00	20	0.00	20	0.00	20	-23.70	20	0.00	20	0.00	20
307	-51	-8	Min.	150.00	0.00	20	0.00	20	0.00	20	-107.56	20	-98.45	20	0.00	20
308	-9	-54	Max	0.00	0.00	20	0.00	20	0.00	20	107.56	20	-98.45	20	0.00	20
308	-9	-54	Max	150.00	0.00	20	0.00	20	0.00	20	23.70	20	0.00	20	0.00	20
308	-9	-54	Min.	0.00	0.00	20	0.00	20	0.00	20	107.56	20	-98.45	20	0.00	20
308	-9	-54	Min.	150.00	0.00	20	0.00	20	0.00	20	23.70	20	0.00	20	0.00	20
308	-53	-9	Max	0.00	0.00	20	0.00	20	0.00	20	-23.70	20	0.00	20	0.00	20
308	-53	-9	Max	150.00	0.00	20	0.00	20	0.00	20	-107.56	20	-98.45	20	0.00	20
308	-53	-9	Min.	0.00	0.00	20	0.00	20	0.00	20	-23.70	20	0.00	20	0.00	20
308	-53	-9	Min.	150.00	0.00	20	0.00	20	0.00	20	-107.56	20	-98.45	20	0.00	20
309	-10	-56	Max	0.00	0.00	20	0.00	20	0.00	20	75.82	20	-65.76	20	0.00	20
309	-10	-56	Max	150.00	0.00	20	0.00	20	0.00	20	11.85	20	0.00	20	0.00	20
309	-10	-56	Min.	0.00	0.00	20	0.00	20	0.00	20	75.82	20	-65.76	20	0.00	20
309	-10	-56	Min.	150.00	0.00	20	0.00	20	0.00	20	11.85	20	0.00	20	0.00	20
309	-55	-10	Max	0.00	0.00	20	0.00	20	0.00	20	-11.85	20	0.00	20	0.00	20
309	-55	-10	Max	150.00	0.00	20	0.00	20	0.00	20	-75.82	20	-65.76	20	0.00	20
309	-55	-10	Min.	0.00	0.00	20	0.00	20	0.00	20	-11.85	20	0.00	20	0.00	20
309	-55	-10	Min.	150.00	0.00	20	0.00	20	0.00	20	-75.82	20	-65.76	20	0.00	20
310	-11	-58	Max	0.00	0.00	20	0.00	20	0.00	20	75.90	20	-65.84	20	0.00	20
310	-11	-58	Max	150.00	0.00	20	0.00	20	0.00	20	11.88	20	0.00	20	0.00	20
310	-11	-58	Min.	0.00	0.00	20	0.00	20	0.00	20	75.90	20	-65.84	20	0.00	20
310	-11	-58	Min.	150.00	0.00	20	0.00	20	0.00	20	11.88	20	0.00	20	0.00	20
310	-57	-11	Max	0.00	0.00	20	0.00	20	0.00	20	-11.88	20	0.00	20	0.00	20
310	-57	-11	Max	150.00	0.00	20	0.00	20	0.00	20	-75.90	20	-65.84	20	0.00	20
310	-57	-11	Min.	0.00	0.00	20	0.00	20	0.00	20	-11.88	20	0.00	20	0.00	20
310	-57	-11	Min.	150.00	0.00	20	0.00	20	0.00	20	-75.90	20	-65.84	20	0.00	20
311	-12	-60	Max	0.00	0.00	20	0.00	20	0.00	20	107.72	20	-98.61	20	0.00	20
311	-12	-60	Max	150.00	0.00	20	0.00	20	0.00	20	23.76	20	0.00	20	0.00	20
311	-12	-60	Min.	0.00	0.00	20	0.00	20	0.00	20	107.72	20	-98.61	20	0.00	20
311	-12	-60	Min.	150.00	0.00	20	0.00	20	0.00	20	23.76	20	0.00	20	0.00	20
311	-59	-12	Max	0.00	0.00	20	0.00	20	0.00	20	-23.76	20	0.00	20	0.00	20
311	-59	-12	Max	150.00	0.00	20	0.00	20	0.00	20	-107.72	20	-98.61	20	0.00	20
311	-59	-12	Min.	0.00	0.00	20	0.00	20	0.00	20	-23.76	20	0.00	20	0.00	20
311	-59	-12	Min.	150.00	0.00	20	0.00	20	0.00	20	-107.72	20	-98.61	20	0.00	20
312	-13	-62	Max	0.00	0.00	20	0.00	20	0.00	20	107.72	20	-98.61	20	0.00	20
312	-13	-62	Max	150.00	0.00	20	0.00	20	0.00	20	23.76	20	0.00	20	0.00	20
312	-13	-62	Min.	0.00	0.00	20	0.00	20	0.00	20	107.72	20	-98.61	20	0.00	20
312	-13	-62	Min.	150.00	0.00	20	0.00	20	0.00	20	23.76	20	0.00	20	0.00	20
312	-61	-13	Max	0.00	0.00	20	0.00	20	0.00	20	-23.76	20	0.00	20	0.00	20
312	-61	-13	Max	150.00	0.00	20	0.00	20	0.00	20	-107.72	20	-98.61	20	0.00	20
312	-61	-13	Min.	0.00	0.00	20	0.00	20	0.00	20	-23.76	20	0.00	20	0.00	20

312	-61	-13	Min.	150.00	0.00	20	0.00	20	0.00	20	-107.72	20	-98.61	20	0.00	20
313	-14	-64	Max	0.00	0.00	20	0.00	20	0.00	20	107.72	20	-98.61	20	0.00	20
313	-14	-64	Max	150.00	0.00	20	0.00	20	0.00	20	23.76	20	0.00	20	0.00	20
313	-14	-64	Min.	0.00	0.00	20	0.00	20	0.00	20	107.72	20	-98.61	20	0.00	20
313	-14	-64	Min.	150.00	0.00	20	0.00	20	0.00	20	23.76	20	0.00	20	0.00	20
313	-63	-14	Max	0.00	0.00	20	0.00	20	0.00	20	-23.76	20	0.00	20	0.00	20
313	-63	-14	Max	150.00	0.00	20	0.00	20	0.00	20	-107.72	20	-98.61	20	0.00	20
313	-63	-14	Min.	0.00	0.00	20	0.00	20	0.00	20	-23.76	20	0.00	20	0.00	20
313	-63	-14	Min.	150.00	0.00	20	0.00	20	0.00	20	-107.72	20	-98.61	20	0.00	20
314	-15	-66	Max	0.00	0.00	20	0.00	20	0.00	20	107.72	20	-98.61	20	0.00	20
314	-15	-66	Max	150.00	0.00	20	0.00	20	0.00	20	23.76	20	0.00	20	0.00	20
314	-15	-66	Min.	0.00	0.00	20	0.00	20	0.00	20	107.72	20	-98.61	20	0.00	20
314	-15	-66	Min.	150.00	0.00	20	0.00	20	0.00	20	23.76	20	0.00	20	0.00	20
314	-65	-15	Max	0.00	0.00	20	0.00	20	0.00	20	-23.76	20	0.00	20	0.00	20
314	-65	-15	Max	150.00	0.00	20	0.00	20	0.00	20	-107.72	20	-98.61	20	0.00	20
314	-65	-15	Min.	0.00	0.00	20	0.00	20	0.00	20	-23.76	20	0.00	20	0.00	20
314	-65	-15	Min.	150.00	0.00	20	0.00	20	0.00	20	-107.72	20	-98.61	20	0.00	20
315	203	-67	Max	0.00	0.00	20	0.00	20	0.00	20	110.57	20	-101.55	20	0.00	20
315	203	-67	Max	150.00	0.00	20	0.00	20	0.00	20	24.83	20	0.00	20	0.00	20
315	203	-67	Min.	0.00	0.00	20	0.00	20	0.00	20	110.57	20	-101.55	20	0.00	20
315	203	-67	Min.	150.00	0.00	20	0.00	20	0.00	20	24.83	20	0.00	20	0.00	20
315	-72	203	Max	0.00	0.00	20	0.00	20	0.00	20	-24.83	20	0.00	20	0.00	20
315	-72	203	Max	150.00	0.00	20	0.00	20	0.00	20	-110.57	20	-101.55	20	0.00	20
315	-72	203	Min.	0.00	0.00	20	0.00	20	0.00	20	-24.83	20	0.00	20	0.00	20
315	-72	203	Min.	150.00	0.00	20	0.00	20	0.00	20	-110.57	20	-101.55	20	0.00	20
316	-26	-74	Max	0.00	0.00	20	0.00	20	0.00	20	113.42	20	-104.48	20	0.00	20
316	-26	-74	Max	150.00	0.00	20	0.00	20	0.00	20	25.89	20	0.00	20	0.00	20
316	-26	-74	Min.	0.00	0.00	20	0.00	20	0.00	20	113.42	20	-104.48	20	0.00	20
316	-26	-74	Min.	150.00	0.00	20	0.00	20	0.00	20	25.89	20	0.00	20	0.00	20
316	-73	-26	Max	0.00	0.00	20	0.00	20	0.00	20	-25.89	20	0.00	20	0.00	20
316	-73	-26	Max	150.00	0.00	20	0.00	20	0.00	20	-113.42	20	-104.48	20	0.00	20
316	-73	-26	Min.	0.00	0.00	20	0.00	20	0.00	20	-25.89	20	0.00	20	0.00	20
316	-73	-26	Min.	150.00	0.00	20	0.00	20	0.00	20	-113.42	20	-104.48	20	0.00	20
317	-18	-71	Max	0.00	0.00	20	0.00	20	0.00	20	78.75	20	-68.77	20	0.00	20
317	-18	-71	Max	150.00	0.00	20	0.00	20	0.00	20	12.95	20	0.00	20	0.00	20
317	-18	-71	Min.	0.00	0.00	20	0.00	20	0.00	20	78.75	20	-68.77	20	0.00	20
317	-18	-71	Min.	150.00	0.00	20	0.00	20	0.00	20	12.95	20	0.00	20	0.00	20
317	-70	-18	Max	0.00	0.00	20	0.00	20	0.00	20	-12.95	20	0.00	20	0.00	20
317	-70	-18	Max	150.00	0.00	20	0.00	20	0.00	20	-78.75	20	-68.77	20	0.00	20
317	-70	-18	Min.	0.00	0.00	20	0.00	20	0.00	20	-12.95	20	0.00	20	0.00	20
317	-70	-18	Min.	150.00	0.00	20	0.00	20	0.00	20	-78.75	20	-68.77	20	0.00	20

Verifiche aste in acciaio

Simbologia

Φ_{LT}		= Coefficiente Φ per stabilità laterale membrature inflesse
Φ_y		= Coefficiente Φ per inflessione intorno all'asse y(c)
Φ_z		= Coefficiente Φ per inflessione intorno all'asse z(e)
α_{imp}		= Coefficiente di imperfezione
αmy, αmz, αLT		= Coefficienti correttivi per il momento flettente
β_{LT}		= Coefficiente per calcolo Φ_{LT}
χ_{LT}		= Coefficiente di riduzione per stabilità laterale membrature inflesse
χ_y		= Coefficiente χ di riduzione per instabilità intorno all'asse y(c)
χ_z		= Coefficiente χ di riduzione per instabilità intorno all'asse z(e)
δ	<cm>	= Spostamento relativo asta
λ^*_y		= Snellezza adimensionale per inflessione intorno all'asse y(c)
λ^*_z		= Snellezza adimensionale per inflessione intorno all'asse z(e)
λ_{LT}		= Coefficiente di imperfezione per stabilità laterale membrature inflesse
$\lambda_{LT,0}$		= Coefficiente di imperfezione di confronto per stabilità laterale membrature inflesse
λ_y		= Snellezza per inflessione intorno all'asse y(c)
λ_z		= Snellezza per inflessione intorno all'asse z(e)
$\sigma_{ID,max}$	<daN/cmq>	= Tensione ideale massima
σ_M	<daN/cmq>	= Tensione normale per momento flettente
σ_N	<daN/cmq>	= Tensione normale per sforzo normale
τ	<daN/cmq>	= Tensione tangenziale per taglio e/o torsione
ψ		= Coeff. di correzione momento critico per stabilità laterale membrature inflesse
Aeff	<cmq>	= Area effettiva per trazione
Anet	<cmq>	= Area netta per compressione
Area	<cmq>	= Area
Atag,y	<cmq>	= Area resistente a taglio in dir. Y
Atag,z	<cmq>	= Area resistente a taglio in dir. Z
CC		= Numero della combinazione delle condizioni di carico elementari
Cod.		= Codice
Curva		= Curva di instabilità adottata
D	<cm>	= Distanza
Fyk	<daN/cmq>	= Tensione caratteristica di snervamento dell'acciaio
Fyt	<daN/cmq>	= Tensione caratteristica di rottura
Iy	<cm>	= Raggio giratorio d'inerzia rispetto all'asse Y
Iz	<cm>	= Raggio giratorio d'inerzia rispetto all'asse Z
Jω	<cm6>	= Costante di ingobbamento
Jy	<cm4>	= Momento d'inerzia rispetto all'asse Y
Jz	<cm4>	= Momento d'inerzia rispetto all'asse Z
Kyy, Kyz, Kzy, Kzz		= Coefficienti di interazione
L	<m>	= Lunghezza dell'asta
L_{cr}	<m>	= Lunghezza di libera inflessione laterale fra ritegni torsionali
M,cr	<daNm>	= Momento critico per instabilità flesso torsionale
MNy,c,Rd	<daNm>	= Resistenza di calcolo a pressoflessione intorno all'asse Y
MNz,c,Rd	<daNm>	= Resistenza di calcolo a pressoflessione intorno all'asse Z
Mx	<daNm>	= Momento torcente intorno all'asse X
My	<daNm>	= Momento flettente intorno all'asse Y
My,Ed	<daNm>	= Momento flettente di calcolo intorno all'asse Y
My,V,c,Rd	<daNm>	= Resistenza di calcolo a flessione ridotta per taglio intorno all'asse Y
Mz	<daNm>	= Momento flettente intorno all'asse Z
Mz,Ed	<daNm>	= Momento flettente di calcolo intorno all'asse Z
Mz,V,c,Rd	<daNm>	= Resistenza di calcolo a flessione ridotta per taglio intorno all'asse Z
N	<daN>	= Sforzo normale
N,Ed	<daN>	= Forza assiale di calcolo
Nc,Rd	<daN>	= Resistenza a compressione
Ncr,y	<daN>	= Sforzo normale critico euleriano per inflessione intorno all'asse y(c)
Ncr,z	<daN>	= Sforzo normale critico euleriano per inflessione intorno all'asse z(e)

Sez.		= Numero della sezione
Tipo		= Tipologia Rc = Rettangolare cava Is = I stondata
Tp		= Tipo di acciaio
Ty	<daN>	= Taglio in dir. Y
Tz	<daN>	= Taglio in dir. Z
V,Ed	<daN>	= Forza di taglio di calcolo
Vc,Rd	<daN>	= Resistenza a taglio
Wy,plas	<cmc>	= Modulo di resistenza plastico intorno all'asse Y
Wymin	<cmc>	= Modulo di resistenza minimo rispetto all'asse Y
Wz,plas	<cmc>	= Modulo di resistenza plastico intorno all'asse Z
Wzmin	<cmc>	= Modulo di resistenza minimo rispetto all'asse Z
Xl	<m>	= Coordinata progressiva (dal nodo iniziale dell'asta) in cui viene effettuato il progetto/verifica
f		= Fattore di modifica per il coefficiente di riduzione
$f_{z,G}$	<cm>	= Freccia in direzione Z globale
$f_{z,L}$	<cm>	= Freccia in direzione Z locale
k_c		= Coeff. di correzione momento flettente per stabilità laterale membrature inflesse

Caratteristiche profilati utilizzati

Sez.	Cod.	Tipo	D <cm>	Area <cmq>	Anet <cmq>	Aeff <cmq>	Jy <cm4>	Jz <cm4>	Iy <cm>	Iz <cm>	Wymin <cmc>	Wzmin <cmc>	Tp	Fyk <daN/cmq>	Fyt <daN/cmq>
1	TRV SEC RHS150x100x8	Rc	--	37.44	37.44	37.44	1128.23	588.15	5.49	3.96	150.43	117.63	S355H UNI EN 10210-1	3550.00	5100.00
2	COL HEA240	Is	--	76.84	76.84	76.84	7763.40	2768.81	10.05	6.00	675.08	230.73	S355 UNI EN 10025-2	3550.00	5100.00
3	TRV PRINC SHS200x200x8	Rc	--	61.44	61.44	61.44	3781.43	3781.43	7.85	7.85	378.14	378.14	S355H UNI EN 10210-1	3550.00	5100.00

Caratteristiche profilati utilizzati

Sez.	Cod.	Wy,plas <cmc>	Wz,plas <cmc>	Atag,y <cmq>	Atag,z <cmq>	Jω <cm6>
1	TRV SEC RHS150x100x8	185.42	138.62	14.98	22.46	
2	COL HEA240	747.99	352.10	64.54	25.18	328486.00
3	TRV PRINC SHS200x200x8	442.62	442.62	30.72	30.72	

Asta n. 1 (315 -45) - Sez. 2 (COL HEA240) - Crit. 1

- Verifica in termini tensionali [4.2.4] - CC 7 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=-1876.44 T_z=-246.68 M_y=-815.49 T_y=-755.60 M_z=1518.31
  Tensioni: σ_N=-24.42 $\sigma_{m,d}$=-778.83 τ=0.00 σ_{max}=-803.25 (sfrut=0.24)
  Tensioni: σ_N=-24.42 $\sigma_{m,d}$=243.91 τ=18.92 τ_{max}=18.92 (sfrut=0.01)
  Tensioni: σ_N=-24.42 $\sigma_{m,d}$=-778.83 τ=0.00 $\sigma_{ID,max}$=803.25 (sfrut=0.24)

- Verifica a taglio Dir. Y [4.2.16] - CC 29 SLU Xl=0.00 - Classe 2
  Sollecitazioni: T_y=-289.62
  V,Ed=-289.62 Vc,Rd=125981.00 V,Ed/Vc,Rd=0.00

- Verifica a presso o tenso-flessione retta ZZ (4.2.4.1.2.7) - CC 29 SLU Xl=3.30 - Classe 2
  Sollecitazioni: N=-6317.61 T_y=-289.62 M_z=-693.90
  Mz,Ed=-693.90 Mz,V,c,Rd=11904.20
  N,Ed=-6317.61 Nc,Rd=-259785.00 ZZ n=N,Ed/Nc,Rd=0.02 MNz,c,Rd=11904.20 Mz,Ed/MNz,c,Rd=0.06

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 7 SND - Classe 3
  Sollecitazioni: N,Ed=-1876.44 My,Ed=-815.49 Mz,Ed=1518.31 L=3.30
  αmy, αmz, αLT=0.95, 0.95, 0.95
  L_{cr}=3.30 Curva b: α_{imp}=0.34 k_c=0.94 ψ=1.75 M,cr=122159.00 λ_{LT}=0.44
  $\lambda_{LT,0}$=0.40 Φ_{LT}=0.58 β_{LT}=0.75 f=0.98 χ_{LT}=1.00
  λ_y=32.83 Ncr,y=1477550.00 λ^*_y=0.43 Curva b: Φ_y=0.63 χ_y=0.91
  λ_z=54.97 Ncr,z=526968.00 λ^*_z=0.72 Curva c: Φ_z=0.89 χ_z=0.71
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.01+0.03+0.19=0.23
  Verifica ZZ: 0.01+0.03+0.19=0.22

- Verifica Spostamento relativo massimo per singola asta - CC 31
  δ=0.05 (L/6377)

Asta n. 2 (2 202) - Sez. 2 (COL HEA240) - Crit. 1

- Verifica in termini tensionali [4.2.4] - CC 3 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=-1725.88 T_z=-259.81 M_y=-850.11 T_y=1087.85 M_z=-1904.54
  Tensioni: σ_N=-22.46 $\sigma_{m,d}$=-951.35 τ=0.00 σ_{max}=-973.81 (sfrut=0.29)
  Tensioni: σ_N=-22.46 $\sigma_{m,d}$=-57.46 τ=27.17 τ_{max}=27.17 (sfrut=0.01)
  Tensioni: σ_N=-22.46 $\sigma_{m,d}$=-951.35 τ=0.00 $\sigma_{ID,max}$=973.81 (sfrut=0.29)

- Verifica a taglio Dir. Y [4.2.16] - CC 29 SLU Xl=0.00 - Classe 2
  Sollecitazioni: T_y=450.59
  V,Ed=450.59 Vc,Rd=125981.00 V,Ed/Vc,Rd=0.00

- Verifica a presso o tenso-flessione retta ZZ (4.2.4.1.2.7) - CC 29 SLU Xl=3.30 - Classe 2
  Sollecitazioni: N=-6586.97 T_y=450.59 M_z=942.17
  Mz,Ed=942.17 Mz,V,c,Rd=11904.20
  N,Ed=-6586.97 Nc,Rd=-259785.00 ZZ n=N,Ed/Nc,Rd=0.03 MNz,c,Rd=11904.20 Mz,Ed/MNz,c,Rd=0.08

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 3 SND - Classe 3
  Sollecitazioni: N,Ed=-1725.88 My,Ed=-850.11 Mz,Ed=-1904.54 L=3.30
  αmy, αmz, αLT=0.95, 0.95, 0.95
  L_{cr}=3.30 Curva b: α_{imp}=0.34 k_c=0.94 ψ=1.76 M,cr=122920.00 λ_{LT}=0.44
  $\lambda_{LT,0}$=0.40 Φ_{LT}=0.58 β_{LT}=0.75 f=0.98 χ_{LT}=1.00
  λ_y=32.83 Ncr,y=1477550.00 λ^*_y=0.43 Curva b: Φ_y=0.63 χ_y=0.91
  λ_z=54.97 Ncr,z=526968.00 λ^*_z=0.72 Curva c: Φ_z=0.89 χ_z=0.71
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.01+0.04+0.23=0.27
  Verifica ZZ: 0.01+0.03+0.23=0.27

- Verifica Spostamento relativo massimo per singola asta - CC 31
  δ=0.06 (L/5166)

Asta n. 3 (3 203) - Sez. 2 (COL HEA240) - Crit. 1

- Verifica in termini tensionali [4.2.4] - CC 7 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=-1291.33 T_z=-225.48 M_y=-749.93 T_y=-806.48 M_z=1573.13
  Tensioni: σ_N=-16.81 $\sigma_{m,d}$=-792.88 τ=0.00 σ_{max}=-809.68 (sfrut=0.24)
  Tensioni: σ_N=-16.81 $\sigma_{m,d}$=240.12 τ=20.16 τ_{max}=20.16 (sfrut=0.01)

Tensioni: σ_N=-16.81 $\sigma_{m,d}$=-792.88 τ=0.00 $\sigma_{ID,max}$=809.68 (sfrut=0.24)

- Verifica a taglio Dir. Y [4.2.16] - CC 11 SND Xl=1.80 - Classe 2
  Sollecitazioni: T_y=-281.40
  V,Ed=-281.40 Vc,Rd=125981.00 V,Ed/Vc,Rd=0.00

- Verifica a taglio Dir. Z [4.2.16] - CC 11 SND Xl=1.80 - Classe 2
  Sollecitazioni: T_z=751.62
  V,Ed=751.62 Vc,Rd=49148.50 V,Ed/Vc,Rd=0.02

- Verifica a presso o tenso-flessione retta ZZ (4.2.4.1.2.7) - CC 29 SLU Xl=3.30 - Classe 2
  Sollecitazioni: N=-5701.22 T_y=-160.97 M_z=-408.86
  Mz,Ed=-408.86 Mz,V,c,Rd=11904.20
  N,Ed=-5701.22 Nc,Rd=-259785.00 ZZ n=N,Ed/Nc,Rd=0.02 MNz,c,Rd=11904.20 Mz,Ed/MNz,c,Rd=0.03

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 7 SND - Classe 3
  Sollecitazioni: N,Ed=-1291.33 My,Ed=-749.93 Mz,Ed=1573.13 L=3.30
  αmy, αmz, αLT=0.95, 0.95, 0.95
  L_{cr}=3.30 Curva b: α_{imp}=0.34 k_c=0.94 ψ=1.74 M,cr=121721.00 λ_{LT}=0.44
  $\lambda_{LT,0}$=0.40 Φ_{LT}=0.58 β_{LT}=0.75 f=0.98 χ_{LT}=1.00
  λ_y=32.83 Ncr,y=1477550.00 λ^*_y=0.43 Curva b: Φ_y=0.63 χ_y=0.91
  λ_z=54.97 Ncr,z=526968.00 λ^*_z=0.72 Curva c: Φ_z=0.89 χ_z=0.71
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.03+0.19=0.23
  Verifica ZZ: 0.00+0.03+0.19=0.22

- Verifica Spostamento relativo massimo per singola asta - CC 31
  δ=0.04 (L/8176)

Asta n. 201 (-3 -29) - Sez. 3 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 9 SND Xl=1.45 - Classe 3
  Sollecitazioni: N=-29.73 T_z=-227.34 M_y=278.62 T_y=99.09 M_z=143.48
  Tensioni: σ_N=-0.48 $\sigma_{m,d}$=-111.62 τ=0.00 σ_{max}=-112.11 (sfrut=0.03)
  Tensioni: σ_N=-0.48 $\sigma_{m,d}$=34.91 τ=8.32 τ_{max}=8.32 (sfrut=0.00)
  Tensioni: σ_N=-0.48 $\sigma_{m,d}$=-111.62 τ=0.00 $\sigma_{ID,max}$=112.11 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=1.45 - Classe 1
  Sollecitazioni: T_z=-750.56
  V,Ed=-750.56 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=1.45 - Classe 1
  Sollecitazioni: T_z=-750.56 M_y=1021.08
  My,Ed=1021.08 My,V,c,Rd=14964.90 My,Ed/My,V,c,Rd=0.07

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 9 SND - Classe 3
  Sollecitazioni: N,Ed=-29.73 My,Ed=278.62 Mz,Ed=143.48 L=1.45
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=18.46 Ncr,y=3737980.00 λ^*_y=0.24 Curva a: Φ_y=0.53 χ_y=0.99
  λ_z=18.46 Ncr,z=3737980.00 λ^*_z=0.24 Curva a: Φ_z=0.53 χ_z=0.99
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.02+0.01=0.03
  Verifica ZZ: 0.00+0.02+0.01=0.03

Asta n. 201 (-29 -45) - Sez. 3 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 11 SND Xl=1.45 - Classe 3
  Sollecitazioni: N=75.56 T_z=-524.01 M_y=986.83 T_y=251.86 M_z=508.17
  Tensioni: σ_N=1.23 $\sigma_{m,d}$=395.35 τ=0.00 σ_{max}=396.58 (sfrut=0.12)
  Tensioni: σ_N=1.23 $\sigma_{m,d}$=123.63 τ=19.17 τ_{max}=19.17 (sfrut=0.01)
  Tensioni: σ_N=1.23 $\sigma_{m,d}$=395.35 τ=0.00 $\sigma_{ID,max}$=396.58 (sfrut=0.12)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=1.45 - Classe 1
  Sollecitazioni: T_z=-2046.26
  V,Ed=-2046.26 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.03

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=1.45 - Classe 1
  Sollecitazioni: T_z=-2046.26 M_y=3918.33
  My,Ed=3918.33 My,V,c,Rd=14964.90 My,Ed/My,V,c,Rd=0.26

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 13 SND - Classe 3
  Sollecitazioni: N,Ed=-75.56 My,Ed=986.83 Mz,Ed=-508.17 L=1.45
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=18.46 Ncr,y=3737980.00 λ^*_y=0.24 Curva a: Φ_y=0.53 χ_y=0.99
  λ_z=18.46 Ncr,z=3737980.00 λ^*_z=0.24 Curva a: Φ_z=0.53 χ_z=0.99
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.07+0.04=0.11
  Verifica ZZ: 0.00+0.06+0.04=0.10

Asta n. 202 (-45 201) - Sez. 3 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 5 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=-306.78 T_z=942.22 M_y=1961.99 T_y=-112.03 M_z=152.58 M_x=-1.45
  Tensioni: σ_N=-4.99 $\sigma_{m,d}$=-559.20 τ=0.25 σ_{max}=-564.19 (sfrut=0.17)
  Tensioni: σ_N=-4.99 $\sigma_{m,d}$=-37.12 τ=34.71 τ_{max}=34.71 (sfrut=0.02)
  Tensioni: σ_N=-4.99 $\sigma_{m,d}$=-559.20 τ=0.25 $\sigma_{ID,max}$=564.19 (sfrut=0.17)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=3112.50
  V,Ed=3112.50 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.05

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 29 SLU Xl=0.00 - Classe 1
  Sollecitazioni: N=-289.62 T_z=3112.50 M_y=4612.23
  My,Ed=4612.23 My,V,c,Rd=14964.90
  N,Ed=-289.62 Nc,Rd=-207726.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=14964.90 My,Ed/MNy,c,Rd=0.31

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 29 SLU - Classe 3
  Sollecitazioni: N,Ed=-289.62 My,Ed=4612.23 Mz,Ed=0.00 L=1.33
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=16.90 Ncr,y=4459710.00 λ^*_y=0.22 Curva a: Φ_y=0.53 χ_y=1.00
  λ_z=16.90 Ncr,z=4459710.00 λ^*_z=0.22 Curva a: Φ_z=0.53 χ_z=1.00

Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.34=0.34
Verifica ZZ: 0.00+0.27=0.28

Asta n. 202 (201 -6) - Sez. 3 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.33 - Classe 3
Sollecitazioni: N=65.81 T_z=221.43 M_y=-790.99 T_y=-68.92 M_z=-87.31 M_x=-1.45
Tensioni: σ_N=1.07 $\sigma_{m,d}$=232.27 τ=0.25 σ_{max}=233.34 (sfrut=0.07)
Tensioni: σ_N=1.07 $\sigma_{m,d}$=21.24 τ=8.35 τ_{max}=8.35 (sfrut=0.00)
Tensioni: σ_N=1.07 $\sigma_{m,d}$=232.27 τ=0.25 $\sigma_{ID,max}$=233.34 (sfrut=0.07)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=1916.58
V,Ed=1916.58 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.03

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 29 SLU Xl=1.33 - Classe 1
Sollecitazioni: N=-289.62 T_z=1833.46 M_y=-1944.48
My,Ed=-1944.48 My,V,c,Rd=14964.90
N,Ed=-289.62 Nc,Rd=-207726.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=14964.90 My,Ed/MNy,c,Rd=0.13

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 29 SLU - Classe 3
Sollecitazioni: N,Ed=-289.62 My,Ed=-1944.48 Mz,Ed=0.00 L=1.33
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=16.90 Ncr,y=4459710.00 λ^*_y=0.22 Curva a: Φ_y=0.53 χ_y=1.00
λ_z=16.90 Ncr,z=4459710.00 λ^*_z=0.22 Curva a: Φ_z=0.53 χ_z=1.00
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.14=0.15
Verifica ZZ: 0.00+0.12=0.12

Asta n. 202 (-6 -7) - Sez. 3 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 9 SND Xl=1.33 - Classe 3
Sollecitazioni: N=-57.41 T_z=74.61 M_y=-683.93 T_y=-86.04 M_z=-405.08 M_x=-4.85
Tensioni: σ_N=-0.93 $\sigma_{m,d}$=-287.99 τ=0.82 σ_{max}=-288.92 (sfrut=0.09)
Tensioni: σ_N=-0.93 $\sigma_{m,d}$=166.40 τ=3.97 τ_{max}=3.97 (sfrut=0.00)
Tensioni: σ_N=-0.93 $\sigma_{m,d}$=-287.99 τ=0.82 $\sigma_{ID,max}$=288.93 (sfrut=0.09)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=720.67
V,Ed=720.67 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 29 SLU Xl=1.33 - Classe 1
Sollecitazioni: N=-289.62 T_z=637.55 M_y=-2844.69
My,Ed=-2844.69 My,V,c,Rd=14964.90
N,Ed=-289.62 Nc,Rd=-207726.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=14964.90 My,Ed/MNy,c,Rd=0.19

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 29 SLU - Classe 3
Sollecitazioni: N,Ed=-289.62 My,Ed=-2844.69 Mz,Ed=0.00 L=1.33
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=16.90 Ncr,y=4459710.00 λ^*_y=0.22 Curva a: Φ_y=0.53 χ_y=1.00
λ_z=16.90 Ncr,z=4459710.00 λ^*_z=0.22 Curva a: Φ_z=0.53 χ_z=1.00
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.21=0.21
Verifica ZZ: 0.00+0.17=0.17

Asta n. 202 (-7 -8) - Sez. 3 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 9 SND Xl=0.00 - Classe 3
Sollecitazioni: N=-100.52 T_z=-140.51 M_y=-683.94 T_y=57.66 M_z=-405.08 M_x=-4.85
Tensioni: σ_N=-1.64 $\sigma_{m,d}$=-287.99 τ=0.82 σ_{max}=-289.63 (sfrut=0.09)
Tensioni: σ_N=-1.64 $\sigma_{m,d}$=-98.55 τ=5.96 τ_{max}=5.96 (sfrut=0.00)
Tensioni: σ_N=-1.64 $\sigma_{m,d}$=-287.99 τ=0.82 $\sigma_{ID,max}$=289.63 (sfrut=0.09)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=1.33 - Classe 1
Sollecitazioni: T_z=-558.37
V,Ed=-558.37 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: N=-289.62 T_z=-475.25 M_y=-2844.71
My,Ed=-2844.71 My,V,c,Rd=14964.90
N,Ed=-289.62 Nc,Rd=-207726.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=14964.90 My,Ed/MNy,c,Rd=0.19

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 29 SLU - Classe 3
Sollecitazioni: N,Ed=-289.62 My,Ed=-2844.71 Mz,Ed=0.00 L=1.33
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=16.90 Ncr,y=4459710.00 λ^*_y=0.22 Curva a: Φ_y=0.53 χ_y=1.00
λ_z=16.90 Ncr,z=4459710.00 λ^*_z=0.22 Curva a: Φ_z=0.53 χ_z=1.00
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.21=0.21
Verifica ZZ: 0.00+0.17=0.17

Asta n. 202 (-8 -9) - Sez. 3 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 11 SND Xl=0.00 - Classe 3
Sollecitazioni: N=46.36 T_z=-306.23 M_y=-542.93 T_y=201.36 M_z=-328.64 M_x=-4.85
Tensioni: σ_N=0.75 $\sigma_{m,d}$=230.49 τ=0.82 σ_{max}=231.24 (sfrut=0.07)
Tensioni: σ_N=0.75 $\sigma_{m,d}$=-79.96 τ=12.03 τ_{max}=12.03 (sfrut=0.01)
Tensioni: σ_N=0.75 $\sigma_{m,d}$=230.49 τ=0.82 $\sigma_{ID,max}$=231.25 (sfrut=0.07)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=1.33 - Classe 1
Sollecitazioni: T_z=-1754.29
V,Ed=-1754.29 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.03

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: N=-289.62 T_z=-1671.17 M_y=-2159.57
My,Ed=-2159.57 My,V,c,Rd=14964.90
N,Ed=-289.62 Nc,Rd=-207726.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=14964.90 My,Ed/MNy,c,Rd=0.14

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 29 SLU - Classe 3
Sollecitazioni: N,Ed=-289.62 My,Ed=-2159.57 Mz,Ed=0.00 L=1.33

αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=16.90 Ncr,y=4459710.00 λ^*_y=0.22 Curva a: Φ_y=0.53 χ_y=1.00
λ_z=16.90 Ncr,z=4459710.00 λ^*_z=0.22 Curva a: Φ_z=0.53 χ_z=1.00
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.16=0.16
Verifica ZZ: 0.00+0.13=0.13

Asta n. 202 (-9 -10) - Sez. 3 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.33 - Classe 3
Sollecitazioni: N=-508.99 T_z=-894.78 M_y=1564.61 T_y=103.52 M_z=118.71 M_x=-1.46
Tensioni: σ_N=-8.28 $\sigma_{m,d}$=-445.16 τ=0.25 σ_{max}=-453.44 (sfrut=0.13)
Tensioni: σ_N=-8.28 $\sigma_{m,d}$=28.88 τ=32.98 τ_{max}=32.98 (sfrut=0.02)
Tensioni: σ_N=-8.28 $\sigma_{m,d}$=-445.16 τ=0.25 $\sigma_{ID,max}$=453.44 (sfrut=0.13)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=1.33 - Classe 1
Sollecitazioni: T_z=-2950.20
V,Ed=-2950.20 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.05

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 29 SLU Xl=1.33 - Classe 1
Sollecitazioni: N=-289.62 T_z=-2950.20 M_y=3966.71
My,Ed=3966.71 My,V,c,Rd=14964.90
N,Ed=-289.62 Nc,Rd=-207726.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=14964.90 My,Ed/MNy,c,Rd=0.27

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 29 SLU - Classe 3
Sollecitazioni: N,Ed=-289.62 My,Ed=3966.71 Mz,Ed=0.00 L=1.33
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=16.90 Ncr,y=4459710.00 λ^*_y=0.22 Curva a: Φ_y=0.53 χ_y=1.00
λ_z=16.90 Ncr,z=4459710.00 λ^*_z=0.22 Curva a: Φ_z=0.53 χ_z=1.00
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.29=0.30
Verifica ZZ: 0.00+0.24=0.24

Asta n. 202 (-10 202) - Sez. 3 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.20 - Classe 3
Sollecitazioni: N=-606.02 T_z=-1056.08 M_y=1774.90 T_y=132.63 M_z=145.24 M_x=-1.46
Tensioni: σ_N=-9.86 $\sigma_{m,d}$=-507.78 τ=0.25 σ_{max}=-517.64 (sfrut=0.15)
Tensioni: σ_N=-9.86 $\sigma_{m,d}$=35.34 τ=38.88 τ_{max}=38.88 (sfrut=0.02)
Tensioni: σ_N=-9.86 $\sigma_{m,d}$=-507.78 τ=0.25 $\sigma_{ID,max}$=517.65 (sfrut=0.15)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.20 - Classe 1
Sollecitazioni: T_z=-3576.46
V,Ed=-3576.46 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.06

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 29 SLU Xl=0.20 - Classe 1
Sollecitazioni: N=-289.62 T_z=-3576.46 M_y=4680.86
My,Ed=4680.86 My,V,c,Rd=14964.90
N,Ed=-289.62 Nc,Rd=-207726.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=14964.90 My,Ed/MNy,c,Rd=0.31

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 29 SLU - Classe 3
Sollecitazioni: N,Ed=-289.62 My,Ed=4680.86 Mz,Ed=0.00 L=0.20
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=2.55 Ncr,y=195931000.00 λ^*_y=0.03 Curva a: Φ_y=0.00 χ_y=1.00
λ_z=2.55 Ncr,z=195931000.00 λ^*_z=0.03 Curva a: Φ_z=0.00 χ_z=1.00
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.35=0.35
Verifica ZZ: 0.00+0.28=0.28

- Verifica freccia massima per soli carichi accidentali - CC 31
$f_{z,L}$=0.00 (L/19973)

- Verifica freccia massima carichi totali - CC 31
$f_{z,L}$=0.00 (L/13315)

Asta n. 203 (202 -11) - Sez. 3 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 5 SND Xl=0.00 - Classe 3
Sollecitazioni: N=-315.41 T_z=986.73 M_y=1651.00 T_y=-111.08 M_z=145.12 M_x=5.83
Tensioni: σ_N=-5.13 $\sigma_{m,d}$=-474.98 τ=0.99 σ_{max}=-480.12 (sfrut=0.14)
Tensioni: σ_N=-5.13 $\sigma_{m,d}$=35.31 τ=37.08 τ_{max}=37.08 (sfrut=0.02)
Tensioni: σ_N=-5.13 $\sigma_{m,d}$=-474.98 τ=0.99 $\sigma_{ID,max}$=480.12 (sfrut=0.14)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=3010.51
V,Ed=3010.51 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.05

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: N=160.97 T_z=3010.51 M_y=3738.68
My,Ed=3738.68 My,V,c,Rd=14964.90
N,Ed=160.97 Nc,Rd=207726.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=14964.90 My,Ed/MNy,c,Rd=0.25

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 29 SLU - Classe 3
Sollecitazioni: My,Ed=3738.68 Mz,Ed=0.00 L=0.20
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=2.55 Ncr,y=195931000.00 λ^*_y=0.03 Curva a: Φ_y=0.00 χ_y=1.00
λ_z=2.55 Ncr,z=195931000.00 λ^*_z=0.03 Curva a: Φ_z=0.00 χ_z=1.00
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.28=0.28
Verifica ZZ: 0.00+0.22=0.22

Asta n. 203 (-11 -12) - Sez. 3 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 5 SND Xl=0.00 - Classe 3
Sollecitazioni: N=-218.25 T_z=825.28 M_y=1454.62 T_y=-81.93 M_z=122.90 M_x=5.83
Tensioni: σ_N=-3.55 $\sigma_{m,d}$=-417.18 τ=0.99 σ_{max}=-420.73 (sfrut=0.12)
Tensioni: σ_N=-3.55 $\sigma_{m,d}$=29.90 τ=31.18 τ_{max}=31.18 (sfrut=0.02)
Tensioni: σ_N=-3.55 $\sigma_{m,d}$=-417.18 τ=0.99 $\sigma_{ID,max}$=420.73 (sfrut=0.12)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=2383.01

V,Ed=2383.01 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.04

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 29 SLU Xl=0.00 - Classe 1
  Sollecitazioni: N=160.97 T_z=2383.01 M_y=3137.83
  My,Ed=3137.83 My,V,c,Rd=14964.90
  N,Ed=160.97 Nc,Rd=207726.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=14964.90 My,Ed/MNy,c,Rd=0.21

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 29 SLU - Classe 3
  Sollecitazioni: My,Ed=3137.83 Mz,Ed=0.00 L=1.33
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=16.94 Ncr,y=4437370.00 λ^*_y=0.22 Curva a: Φ_y=0.53 χ_y=1.00
  λ_z=16.94 Ncr,z=4437370.00 λ^*_z=0.22 Curva a: Φ_z=0.53 χ_z=1.00
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.23=0.23
  Verifica ZZ: 0.00+0.19=0.19

Asta n. 203 (-12 -13) - Sez. 3 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 9 SND Xl=1.33 - Classe 3
  Sollecitazioni: N=95.56 T_z=152.64 M_y=-356.95 T_y=-129.16 M_z=-124.95 M_x=19.44
  Tensioni: σ_N=1.56 $\sigma_{m,d}$=127.44 τ=3.30 σ_{max}=128.99 (sfrut=0.04)
  Tensioni: σ_N=1.56 $\sigma_{m,d}$=-30.40 τ=8.88 τ_{max}=8.88 (sfrut=0.00)
  Tensioni: σ_N=1.56 $\sigma_{m,d}$=127.44 τ=3.30 $\sigma_{ID,max}$=129.12 (sfrut=0.04)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=1184.37
  V,Ed=1184.37 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.02

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 29 SLU Xl=1.33 - Classe 1
  Sollecitazioni: N=160.97 T_z=1101.05 M_y=-1492.48
  My,Ed=-1492.48 My,V,c,Rd=14964.90
  N,Ed=160.97 Nc,Rd=207726.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=14964.90 My,Ed/MNy,c,Rd=0.10

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 29 SLU - Classe 3
  Sollecitazioni: My,Ed=-1492.48 Mz,Ed=0.00 L=1.33
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=16.94 Ncr,y=4437360.00 λ^*_y=0.22 Curva a: Φ_y=0.53 χ_y=1.00
  λ_z=16.94 Ncr,z=4437360.00 λ^*_z=0.22 Curva a: Φ_z=0.53 χ_z=1.00
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.11=0.11
  Verifica ZZ: 0.00+0.09=0.09

Asta n. 203 (-13 -14) - Sez. 3 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 5 SND Xl=1.33 - Classe 3
  Sollecitazioni: N=69.64 T_z=202.12 M_y=-593.51 T_y=4.44 M_z=-31.59 M_x=5.83
  Tensioni: σ_N=1.13 $\sigma_{m,d}$=165.31 τ=0.99 σ_{max}=166.44 (sfrut=0.05)
  Tensioni: σ_N=1.13 $\sigma_{m,d}$=-7.69 τ=8.38 τ_{max}=8.38 (sfrut=0.00)
  Tensioni: σ_N=1.13 $\sigma_{m,d}$=165.31 τ=0.99 $\sigma_{ID,max}$=166.45 (sfrut=0.05)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=1.33 - Classe 1
  Sollecitazioni: T_z=-97.59
  V,Ed=-97.59 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.00

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 29 SLU Xl=0.00 - Classe 1
  Sollecitazioni: N=160.97 T_z=-14.26 M_y=-1492.48
  My,Ed=-1492.48 My,V,c,Rd=14964.90
  N,Ed=160.97 Nc,Rd=207726.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=14964.90 My,Ed/MNy,c,Rd=0.10

Asta n. 203 (-14 -15) - Sez. 3 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.33 - Classe 3
  Sollecitazioni: N=-100.86 T_z=-583.59 M_y=697.35 T_y=47.62 M_z=31.69 M_x=5.83
  Tensioni: σ_N=-1.64 $\sigma_{m,d}$=-192.79 τ=0.99 σ_{max}=-194.44 (sfrut=0.06)
  Tensioni: σ_N=-1.64 $\sigma_{m,d}$=-7.71 τ=22.34 τ_{max}=22.34 (sfrut=0.01)
  Tensioni: σ_N=-1.64 $\sigma_{m,d}$=-192.79 τ=0.99 $\sigma_{ID,max}$=194.44 (sfrut=0.06)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=1.33 - Classe 1
  Sollecitazioni: T_z=-1296.23
  V,Ed=-1296.23 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.02

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 29 SLU Xl=0.00 - Classe 1
  Sollecitazioni: N=160.97 T_z=-1212.90 M_y=-1418.15
  My,Ed=-1418.15 My,V,c,Rd=14964.90
  N,Ed=160.97 Nc,Rd=207726.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=14964.90 My,Ed/MNy,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 29 SLU - Classe 3
  Sollecitazioni: My,Ed=-1418.15 Mz,Ed=0.00 L=1.33
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=16.94 Ncr,y=4437360.00 λ^*_y=0.22 Curva a: Φ_y=0.53 χ_y=1.00
  λ_z=16.94 Ncr,z=4437360.00 λ^*_z=0.22 Curva a: Φ_z=0.53 χ_z=1.00
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.11=0.11
  Verifica ZZ: 0.00+0.08=0.08

Asta n. 203 (-15 203) - Sez. 3 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.33 - Classe 3
  Sollecitazioni: N=-244.81 T_z=-863.12 M_y=1801.84 T_y=90.80 M_z=152.37 M_x=5.83
  Tensioni: σ_N=-3.98 $\sigma_{m,d}$=-516.79 τ=0.99 σ_{max}=-520.78 (sfrut=0.15)
  Tensioni: σ_N=-3.98 $\sigma_{m,d}$=-37.07 τ=32.56 τ_{max}=32.56 (sfrut=0.02)
  Tensioni: σ_N=-3.98 $\sigma_{m,d}$=-516.79 τ=0.99 $\sigma_{ID,max}$=520.78 (sfrut=0.15)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=1.33 - Classe 1
  Sollecitazioni: T_z=-2494.86
  V,Ed=-2494.86 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.04

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 29 SLU Xl=1.33 - Classe 1
  Sollecitazioni: N=160.97 T_z=-2494.86 M_y=3509.46
  My,Ed=3509.46 My,V,c,Rd=14964.90
  N,Ed=160.97 Nc,Rd=207726.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=14964.90 My,Ed/MNy,c,Rd=0.23

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 29 SLU - Classe 3
  Sollecitazioni: My,Ed=3509.46 Mz,Ed=0.00 L=1.33
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=16.94 Ncr,y=4437370.00 λ^*_y=0.22 Curva a: Φ_y=0.53 χ_y=1.00
  λ_z=16.94 Ncr,z=4437370.00 λ^*_z=0.22 Curva a: Φ_z=0.53 χ_z=1.00
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.26=0.26
  Verifica ZZ: 0.00+0.21=0.21

Asta n. 204 (203 -26) - Sez. 3 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 9 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=75.56 T_z=524.01 M_y=986.83 T_y=-251.86 M_z=508.17
  Tensioni: σ_N=1.23 $\sigma_{m,d}$=395.35 τ=0.00 σ_{max}=396.58 (sfrut=0.12)
  Tensioni: σ_N=1.23 $\sigma_{m,d}$=123.63 τ=19.17 τ_{max}=19.17 (sfrut=0.01)
  Tensioni: σ_N=1.23 $\sigma_{m,d}$=395.35 τ=0.00 $\sigma_{ID,max}$=396.58 (sfrut=0.12)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=2046.25
  V,Ed=2046.25 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.03

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=2046.25 M_y=3918.32
  My,Ed=3918.32 My,V,c,Rd=14964.90 My,Ed/My,V,c,Rd=0.26

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 11 SND - Classe 3
  Sollecitazioni: N,Ed=-75.56 My,Ed=986.83 Mz,Ed=508.17 L=1.45
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=18.46 Ncr,y=3737990.00 λ^*_y=0.24 Curva a: Φ_y=0.53 χ_y=0.99
  λ_z=18.46 Ncr,z=3737990.00 λ^*_z=0.24 Curva a: Φ_z=0.53 χ_z=0.99
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.07+0.04=0.11
  Verifica ZZ: 0.00+0.06+0.04=0.10

Asta n. 204 (-26 -18) - Sez. 3 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 9 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=29.73 T_z=227.34 M_y=278.62 T_y=-99.09 M_z=143.48
  Tensioni: σ_N=0.48 $\sigma_{m,d}$=111.62 τ=0.00 σ_{max}=112.11 (sfrut=0.03)
  Tensioni: σ_N=0.48 $\sigma_{m,d}$=34.91 τ=8.32 τ_{max}=8.32 (sfrut=0.00)
  Tensioni: σ_N=0.48 $\sigma_{m,d}$=111.62 τ=0.00 $\sigma_{ID,max}$=112.11 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=750.55
  V,Ed=750.55 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=750.55 M_y=1021.07
  My,Ed=1021.07 My,V,c,Rd=14964.90 My,Ed/My,V,c,Rd=0.07

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 11 SND - Classe 3
  Sollecitazioni: N,Ed=-29.73 My,Ed=278.62 Mz,Ed=143.48 L=1.45
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=18.46 Ncr,y=3737990.00 λ^*_y=0.24 Curva a: Φ_y=0.53 χ_y=0.99
  λ_z=18.46 Ncr,z=3737990.00 λ^*_z=0.24 Curva a: Φ_z=0.53 χ_z=0.99
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.02+0.01=0.03
  Verifica ZZ: 0.00+0.02+0.01=0.03

Asta n. 301 (-45 -79) - Sez. 1 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=-10.45 T_z=110.49 M_y=101.46 T_y=-34.83 M_z=52.25
  Tensioni: σ_N=-0.28 $\sigma_{m,d}$=-111.87 τ=0.00 σ_{max}=-112.15 (sfrut=0.03)
  Tensioni: σ_N=-0.28 $\sigma_{m,d}$=37.31 τ=5.68 τ_{max}=5.68 (sfrut=0.00)
  Tensioni: σ_N=-0.28 $\sigma_{m,d}$=-111.87 τ=0.00 $\sigma_{ID,max}$=112.15 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=579.43
  V,Ed=579.43 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=579.43 M_y=580.80
  My,Ed=580.80 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
  Sollecitazioni: N,Ed=-10.45 My,Ed=101.46 Mz,Ed=52.25 L=1.50
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
  λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.02+0.01=0.03
  Verifica ZZ: 0.00+0.02+0.01=0.03

Asta n. 301 (-80 -45) - Sez. 1 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
  Sollecitazioni: N=10.45 T_z=-110.49 M_y=101.46 T_y=34.83 M_z=52.25
  Tensioni: σ_N=0.28 $\sigma_{m,d}$=111.87 τ=0.00 σ_{max}=112.15 (sfrut=0.03)
  Tensioni: σ_N=0.28 $\sigma_{m,d}$=37.31 τ=5.68 τ_{max}=5.68 (sfrut=0.00)
  Tensioni: σ_N=0.28 $\sigma_{m,d}$=111.87 τ=0.00 $\sigma_{ID,max}$=112.15 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=1.50 - Classe 1
  Sollecitazioni: T_z=-579.43
  V,Ed=-579.43 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=1.50 - Classe 1
  Sollecitazioni: T_z=-579.43 M_y=580.80
  My,Ed=580.80 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 3 SND - Classe 3
  Sollecitazioni: N,Ed=-10.45 My,Ed=101.46 Mz,Ed=52.25 L=1.50
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
  λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.02+0.01=0.03
  Verifica ZZ: 0.00+0.02+0.01=0.03

Asta n. 302 (-3 -69) - Sez. 1 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=-7.08 T_z=78.75 M_y=68.77 T_y=-23.61 M_z=35.41
  Tensioni: σ_N=-0.19 $\sigma_{m,d}$=-75.82 τ=0.00 σ_{max}=-76.01 (sfrut=0.02)
  Tensioni: σ_N=-0.19 $\sigma_{m,d}$=25.29 τ=4.05 τ_{max}=4.05 (sfrut=0.00)
  Tensioni: σ_N=-0.19 $\sigma_{m,d}$=-75.82 τ=0.00 $\sigma_{ID,max}$=76.01 (sfrut=0.02)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=329.88
  V,Ed=329.88 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=329.88 M_y=323.75
  My,Ed=323.75 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.05

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
  Sollecitazioni: N,Ed=-7.08 My,Ed=68.77 Mz,Ed=35.41 L=1.50
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
  λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.01+0.01=0.02
  Verifica ZZ: 0.00+0.01+0.01=0.02

Asta n. 302 (-68 -3) - Sez. 1 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
  Sollecitazioni: N=7.08 T_z=-78.75 M_y=68.77 T_y=23.61 M_z=35.41
  Tensioni: σ_N=0.19 $\sigma_{m,d}$=75.82 τ=0.00 σ_{max}=76.01 (sfrut=0.02)
  Tensioni: σ_N=0.19 $\sigma_{m,d}$=25.29 τ=4.05 τ_{max}=4.05 (sfrut=0.00)
  Tensioni: σ_N=0.19 $\sigma_{m,d}$=75.82 τ=0.00 $\sigma_{ID,max}$=76.01 (sfrut=0.02)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=1.50 - Classe 1
  Sollecitazioni: T_z=-329.88
  V,Ed=-329.88 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=1.50 - Classe 1
  Sollecitazioni: T_z=-329.88 M_y=323.75
  My,Ed=323.75 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.05

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 3 SND - Classe 3
  Sollecitazioni: N,Ed=-7.08 My,Ed=68.77 Mz,Ed=35.41 L=1.50
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
  λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.01+0.01=0.02
  Verifica ZZ: 0.00+0.01+0.01=0.02

Asta n. 303 (-29 -76) - Sez. 1 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=-10.76 T_z=113.42 M_y=104.48 T_y=-35.87 M_z=53.80
  Tensioni: σ_N=-0.29 $\sigma_{m,d}$=-115.19 τ=0.00 σ_{max}=-115.48 (sfrut=0.03)
  Tensioni: σ_N=-0.29 $\sigma_{m,d}$=38.42 τ=5.83 τ_{max}=5.83 (sfrut=0.00)
  Tensioni: σ_N=-0.29 $\sigma_{m,d}$=-115.19 τ=0.00 $\sigma_{ID,max}$=115.48 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=602.46
  V,Ed=602.46 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=602.46 M_y=604.52
  My,Ed=604.52 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.10

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
  Sollecitazioni: N,Ed=-10.76 My,Ed=104.48 Mz,Ed=53.80 L=1.50
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
  λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.02+0.01=0.03
  Verifica ZZ: 0.00+0.02+0.01=0.03

Asta n. 303 (-75 -29) - Sez. 1 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
  Sollecitazioni: N=10.76 T_z=-113.42 M_y=104.48 T_y=35.87 M_z=53.80
  Tensioni: σ_N=0.29 $\sigma_{m,d}$=115.19 τ=0.00 σ_{max}=115.48 (sfrut=0.03)
  Tensioni: σ_N=0.29 $\sigma_{m,d}$=38.42 τ=5.83 τ_{max}=5.83 (sfrut=0.00)
  Tensioni: σ_N=0.29 $\sigma_{m,d}$=115.19 τ=0.00 $\sigma_{ID,max}$=115.48 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=1.50 - Classe 1
  Sollecitazioni: T_z=-602.46
  V,Ed=-602.46 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=1.50 - Classe 1
  Sollecitazioni: T_z=-602.46 M_y=604.52
  My,Ed=604.52 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.10

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 3 SND - Classe 3

Sollecitazioni: N,Ed=-10.76 My,Ed=104.48 Mz,Ed=53.80 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.02+0.01=0.03

Asta n. 304 (201 -77) - Sez. 1 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
Sollecitazioni: N=-10.14 T_z=107.56 M_y=98.45 T_y=-33.80 M_z=50.69
Tensioni: σ_N=-0.27 $\sigma_{m,d}$=-108.54 τ=0.00 σ_{max}=-108.81 (sfrut=0.03)
Tensioni: σ_N=-0.27 $\sigma_{m,d}$=36.20 τ=5.53 τ_{max}=5.53 (sfrut=0.00)
Tensioni: σ_N=-0.27 $\sigma_{m,d}$=-108.54 τ=0.00 $\sigma_{ID,max}$=108.81 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=556.40
V,Ed=556.40 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=556.40 M_y=557.08
My,Ed=557.08 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
Sollecitazioni: N,Ed=-10.14 My,Ed=98.45 Mz,Ed=50.69 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 304 (-78 201) - Sez. 1 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
Sollecitazioni: N=10.14 T_z=-107.56 M_y=98.45 T_y=33.80 M_z=50.69
Tensioni: σ_N=0.27 $\sigma_{m,d}$=108.54 τ=0.00 σ_{max}=108.81 (sfrut=0.03)
Tensioni: σ_N=0.27 $\sigma_{m,d}$=36.20 τ=5.53 τ_{max}=5.53 (sfrut=0.00)
Tensioni: σ_N=0.27 $\sigma_{m,d}$=108.54 τ=0.00 $\sigma_{ID,max}$=108.81 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-556.40
V,Ed=-556.40 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-556.40 M_y=557.08
My,Ed=557.08 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 3 SND - Classe 3
Sollecitazioni: N,Ed=-10.14 My,Ed=98.45 Mz,Ed=50.69 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 305 (-6 -48) - Sez. 1 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
Sollecitazioni: N=-10.14 T_z=107.56 M_y=98.45 T_y=-33.80 M_z=50.69
Tensioni: σ_N=-0.27 $\sigma_{m,d}$=-108.54 τ=0.00 σ_{max}=-108.81 (sfrut=0.03)
Tensioni: σ_N=-0.27 $\sigma_{m,d}$=36.20 τ=5.53 τ_{max}=5.53 (sfrut=0.00)
Tensioni: σ_N=-0.27 $\sigma_{m,d}$=-108.54 τ=0.00 $\sigma_{ID,max}$=108.81 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=556.40
V,Ed=556.40 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=556.40 M_y=557.08
My,Ed=557.08 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
Sollecitazioni: N,Ed=-10.14 My,Ed=98.45 Mz,Ed=50.69 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 305 (-47 -6) - Sez. 1 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
Sollecitazioni: N=10.14 T_z=-107.56 M_y=98.45 T_y=33.80 M_z=50.69
Tensioni: σ_N=0.27 $\sigma_{m,d}$=108.54 τ=0.00 σ_{max}=108.81 (sfrut=0.03)
Tensioni: σ_N=0.27 $\sigma_{m,d}$=36.20 τ=5.53 τ_{max}=5.53 (sfrut=0.00)
Tensioni: σ_N=0.27 $\sigma_{m,d}$=108.54 τ=0.00 $\sigma_{ID,max}$=108.81 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-556.40
V,Ed=-556.40 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-556.40 M_y=557.08
My,Ed=557.08 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 3 SND - Classe 3
Sollecitazioni: N,Ed=-10.14 My,Ed=98.45 Mz,Ed=50.69 L=1.50

αmy, αmz, αLT=0.95, 0.95, 0.95
λy=27.33 Ncr,y=1039280.00 λ*y=0.36 Curva a: Φy=0.58 χy=0.96
λz=37.85 Ncr,z=541779.00 λ*z=0.50 Curva a: Φz=0.65 χz=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 306 (-7 -50) - Sez. 1 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
Sollecitazioni: N=-10.14 Tz=107.56 My=98.45 Ty=-33.80 Mz=50.69
Tensioni: σN=-0.27 σm,d=-108.54 τ=0.00 σmax=-108.81 (sfrut=0.03)
Tensioni: σN=-0.27 σm,d=36.20 τ=5.53 τmax=5.53 (sfrut=0.00)
Tensioni: σN=-0.27 σm,d=-108.54 τ=0.00 σID,max=108.81 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: Tz=556.40
V,Ed=556.40 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: Tz=556.40 My=557.08
My,Ed=557.08 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
Sollecitazioni: N,Ed=-10.14 My,Ed=98.45 Mz,Ed=50.69 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λy=27.33 Ncr,y=1039280.00 λ*y=0.36 Curva a: Φy=0.58 χy=0.96
λz=37.85 Ncr,z=541779.00 λ*z=0.50 Curva a: Φz=0.65 χz=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 306 (-49 -7) - Sez. 1 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
Sollecitazioni: N=10.14 Tz=-107.56 My=98.45 Ty=33.80 Mz=50.69
Tensioni: σN=0.27 σm,d=108.54 τ=0.00 σmax=108.81 (sfrut=0.03)
Tensioni: σN=0.27 σm,d=36.20 τ=5.53 τmax=5.53 (sfrut=0.00)
Tensioni: σN=0.27 σm,d=108.54 τ=0.00 σID,max=108.81 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=1.50 - Classe 1
Sollecitazioni: Tz=-556.40
V,Ed=-556.40 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=1.50 - Classe 1
Sollecitazioni: Tz=-556.40 My=557.08
My,Ed=557.08 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 3 SND - Classe 3
Sollecitazioni: N,Ed=-10.14 My,Ed=98.45 Mz,Ed=50.69 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λy=27.33 Ncr,y=1039280.00 λ*y=0.36 Curva a: Φy=0.58 χy=0.96
λz=37.85 Ncr,z=541779.00 λ*z=0.50 Curva a: Φz=0.65 χz=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 307 (-8 -52) - Sez. 1 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
Sollecitazioni: N=-10.14 Tz=107.56 My=98.45 Ty=-33.80 Mz=50.69
Tensioni: σN=-0.27 σm,d=-108.54 τ=0.00 σmax=-108.81 (sfrut=0.03)
Tensioni: σN=-0.27 σm,d=36.20 τ=5.53 τmax=5.53 (sfrut=0.00)
Tensioni: σN=-0.27 σm,d=-108.54 τ=0.00 σID,max=108.81 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: Tz=556.40
V,Ed=556.40 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: Tz=556.40 My=557.08
My,Ed=557.08 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
Sollecitazioni: N,Ed=-10.14 My,Ed=98.45 Mz,Ed=50.69 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λy=27.33 Ncr,y=1039280.00 λ*y=0.36 Curva a: Φy=0.58 χy=0.96
λz=37.85 Ncr,z=541779.00 λ*z=0.50 Curva a: Φz=0.65 χz=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 307 (-51 -8) - Sez. 1 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
Sollecitazioni: N=10.14 Tz=-107.56 My=98.45 Ty=33.80 Mz=50.69
Tensioni: σN=0.27 σm,d=108.54 τ=0.00 σmax=108.81 (sfrut=0.03)
Tensioni: σN=0.27 σm,d=36.20 τ=5.53 τmax=5.53 (sfrut=0.00)
Tensioni: σN=0.27 σm,d=108.54 τ=0.00 σID,max=108.81 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=1.50 - Classe 1
Sollecitazioni: Tz=-556.40
V,Ed=-556.40 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=1.50 - Classe 1
Sollecitazioni: Tz=-556.40 My=557.08
My,Ed=557.08 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 3 SND - Classe 3
Sollecitazioni: N,Ed=-10.14 My,Ed=98.45 Mz,Ed=50.69 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95

λy=27.33 Ncr,y=1039280.00 λ*y=0.36 Curva a: Φy=0.58 χy=0.96
λz=37.85 Ncr,z=541779.00 λ*z=0.50 Curva a: Φz=0.65 χz=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 308 (-9 -54) - Sez. 1 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
Sollecitazioni: N=-10.14 Tz=107.56 My=98.45 Ty=-33.80 Mz=50.69
Tensioni: σN=-0.27 σm,d=-108.54 τ=0.00 σmax=-108.81 (sfrut=0.03)
Tensioni: σN=-0.27 σm,d=36.20 τ=5.53 τmax=5.53 (sfrut=0.00)
Tensioni: σN=-0.27 σm,d=-108.54 τ=0.00 σID,max=108.81 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: Tz=556.40
V,Ed=556.40 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: Tz=556.40 My=557.08
My,Ed=557.08 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
Sollecitazioni: N,Ed=-10.14 My,Ed=98.45 Mz,Ed=50.69 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λy=27.33 Ncr,y=1039280.00 λ*y=0.36 Curva a: Φy=0.58 χy=0.96
λz=37.85 Ncr,z=541779.00 λ*z=0.50 Curva a: Φz=0.65 χz=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 308 (-53 -9) - Sez. 1 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
Sollecitazioni: N=10.14 Tz=-107.56 My=98.45 Ty=33.80 Mz=50.69
Tensioni: σN=0.27 σm,d=108.54 τ=0.00 σmax=108.81 (sfrut=0.03)
Tensioni: σN=0.27 σm,d=36.20 τ=5.53 τmax=5.53 (sfrut=0.00)
Tensioni: σN=0.27 σm,d=108.54 τ=0.00 σID,max=108.81 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=1.50 - Classe 1
Sollecitazioni: Tz=-556.40
V,Ed=-556.40 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=1.50 - Classe 1
Sollecitazioni: Tz=-556.40 My=557.08
My,Ed=557.08 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 3 SND - Classe 3
Sollecitazioni: N,Ed=-10.14 My,Ed=98.45 Mz,Ed=50.69 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λy=27.33 Ncr,y=1039280.00 λ*y=0.36 Curva a: Φy=0.58 χy=0.96
λz=37.85 Ncr,z=541779.00 λ*z=0.50 Curva a: Φz=0.65 χz=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 309 (-10 -56) - Sez. 1 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
Sollecitazioni: N=-6.77 Tz=75.82 My=65.76 Ty=-22.57 Mz=33.86
Tensioni: σN=-0.18 σm,d=-72.50 τ=0.00 σmax=-72.68 (sfrut=0.02)
Tensioni: σN=-0.18 σm,d=24.18 τ=3.90 τmax=3.90 (sfrut=0.00)
Tensioni: σN=-0.18 σm,d=-72.50 τ=0.00 σID,max=72.68 (sfrut=0.02)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: Tz=306.86
V,Ed=306.86 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: Tz=306.86 My=300.03
My,Ed=300.03 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.05

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
Sollecitazioni: N,Ed=-6.77 My,Ed=65.76 Mz,Ed=33.86 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λy=27.33 Ncr,y=1039280.00 λ*y=0.36 Curva a: Φy=0.58 χy=0.96
λz=37.85 Ncr,z=541779.00 λ*z=0.50 Curva a: Φz=0.65 χz=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.01+0.01=0.02
Verifica ZZ: 0.00+0.01+0.01=0.02

Asta n. 309 (-55 -10) - Sez. 1 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
Sollecitazioni: N=6.77 Tz=-75.82 My=65.76 Ty=22.57 Mz=33.86
Tensioni: σN=0.18 σm,d=72.50 τ=0.00 σmax=72.68 (sfrut=0.02)
Tensioni: σN=0.18 σm,d=24.18 τ=3.90 τmax=3.90 (sfrut=0.00)
Tensioni: σN=0.18 σm,d=72.50 τ=0.00 σID,max=72.68 (sfrut=0.02)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=1.50 - Classe 1
Sollecitazioni: Tz=-306.86
V,Ed=-306.86 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=1.50 - Classe 1
Sollecitazioni: Tz=-306.86 My=300.03
My,Ed=300.03 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.05

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 3 SND - Classe 3
Sollecitazioni: N,Ed=-6.77 My,Ed=65.76 Mz,Ed=33.86 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λy=27.33 Ncr,y=1039280.00 λ*y=0.36 Curva a: Φy=0.58 χy=0.96

λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.01+0.01=0.02
Verifica ZZ: 0.00+0.01+0.01=0.02

Asta n. 310 (-11 -58) - Sez. 1 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
Sollecitazioni: N=-6.78 T_z=75.90 M_y=65.84 T_y=-22.60 M_z=33.90
Tensioni: σ_N=-0.18 $\sigma_{m,d}$=-72.59 τ=0.00 σ_{max}=-72.77 (sfrut=0.02)
Tensioni: σ_N=-0.18 $\sigma_{m,d}$=24.21 τ=3.90 τ_{max}=3.90 (sfrut=0.00)
Tensioni: σ_N=-0.18 $\sigma_{m,d}$=-72.59 τ=0.00 $\sigma_{ID,max}$=72.77 (sfrut=0.02)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=307.48
V,Ed=307.48 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=307.48 M_y=300.68
My,Ed=300.68 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.05

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
Sollecitazioni: N,Ed=-6.78 My,Ed=65.84 Mz,Ed=33.90 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.01+0.01=0.02
Verifica ZZ: 0.00+0.01+0.01=0.02

Asta n. 310 (-57 -11) - Sez. 1 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
Sollecitazioni: N=6.78 T_z=-75.90 M_y=65.84 T_y=22.60 M_z=33.90
Tensioni: σ_N=0.18 $\sigma_{m,d}$=72.59 τ=0.00 σ_{max}=72.77 (sfrut=0.02)
Tensioni: σ_N=0.18 $\sigma_{m,d}$=24.21 τ=3.90 τ_{max}=3.90 (sfrut=0.00)
Tensioni: σ_N=0.18 $\sigma_{m,d}$=72.59 τ=0.00 $\sigma_{ID,max}$=72.77 (sfrut=0.02)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-307.48
V,Ed=-307.48 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-307.48 M_y=300.68
My,Ed=300.68 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.05

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 3 SND - Classe 3
Sollecitazioni: N,Ed=-6.78 My,Ed=65.84 Mz,Ed=33.90 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.01+0.01=0.02
Verifica ZZ: 0.00+0.01+0.01=0.02

Asta n. 311 (-12 -60) - Sez. 1 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
Sollecitazioni: N=-10.16 T_z=107.72 M_y=98.61 T_y=-33.85 M_z=50.78
Tensioni: σ_N=-0.27 $\sigma_{m,d}$=-108.72 τ=0.00 σ_{max}=-108.99 (sfrut=0.03)
Tensioni: σ_N=-0.27 $\sigma_{m,d}$=36.26 τ=5.54 τ_{max}=5.54 (sfrut=0.00)
Tensioni: σ_N=-0.27 $\sigma_{m,d}$=-108.72 τ=0.00 $\sigma_{ID,max}$=108.99 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=557.65
V,Ed=557.65 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=557.65 M_y=558.38
My,Ed=558.38 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
Sollecitazioni: N,Ed=-10.16 My,Ed=98.61 Mz,Ed=50.78 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 311 (-59 -12) - Sez. 1 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
Sollecitazioni: N=10.16 T_z=-107.72 M_y=98.61 T_y=33.85 M_z=50.78
Tensioni: σ_N=0.27 $\sigma_{m,d}$=108.72 τ=0.00 σ_{max}=108.99 (sfrut=0.03)
Tensioni: σ_N=0.27 $\sigma_{m,d}$=36.26 τ=5.54 τ_{max}=5.54 (sfrut=0.00)
Tensioni: σ_N=0.27 $\sigma_{m,d}$=108.72 τ=0.00 $\sigma_{ID,max}$=108.99 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-557.65
V,Ed=-557.65 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-557.65 M_y=558.38
My,Ed=558.38 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 3 SND - Classe 3
Sollecitazioni: N,Ed=-10.16 My,Ed=98.61 Mz,Ed=50.78 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93

Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 312 (-13 -62) - Sez. 1 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
Sollecitazioni: N=-10.16 T_z=107.72 M_y=98.61 T_y=-33.85 M_z=50.78
Tensioni: σ_N=-0.27 $\sigma_{m,d}$=-108.72 τ=0.00 σ_{max}=-108.99 (sfrut=0.03)
Tensioni: σ_N=-0.27 $\sigma_{m,d}$=36.26 τ=5.54 τ_{max}=5.54 (sfrut=0.00)
Tensioni: σ_N=-0.27 $\sigma_{m,d}$=-108.72 τ=0.00 $\sigma_{ID,max}$=108.99 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=557.65
V,Ed=557.65 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=557.65 M_y=558.38
My,Ed=558.38 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
Sollecitazioni: N,Ed=-10.16 My,Ed=98.61 Mz,Ed=50.78 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 312 (-61 -13) - Sez. 1 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
Sollecitazioni: N=10.16 T_z=-107.72 M_y=98.61 T_y=33.85 M_z=50.78
Tensioni: σ_N=0.27 $\sigma_{m,d}$=108.72 τ=0.00 σ_{max}=108.99 (sfrut=0.03)
Tensioni: σ_N=0.27 $\sigma_{m,d}$=36.26 τ=5.54 τ_{max}=5.54 (sfrut=0.00)
Tensioni: σ_N=0.27 $\sigma_{m,d}$=108.72 τ=0.00 $\sigma_{ID,max}$=108.99 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-557.65
V,Ed=-557.65 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-557.65 M_y=558.38
My,Ed=558.38 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 3 SND - Classe 3
Sollecitazioni: N,Ed=-10.16 My,Ed=98.61 Mz,Ed=50.78 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 313 (-14 -64) - Sez. 1 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
Sollecitazioni: N=-10.16 T_z=107.72 M_y=98.61 T_y=-33.85 M_z=50.78
Tensioni: σ_N=-0.27 $\sigma_{m,d}$=-108.72 τ=0.00 σ_{max}=-108.99 (sfrut=0.03)
Tensioni: σ_N=-0.27 $\sigma_{m,d}$=36.26 τ=5.54 τ_{max}=5.54 (sfrut=0.00)
Tensioni: σ_N=-0.27 $\sigma_{m,d}$=-108.72 τ=0.00 $\sigma_{ID,max}$=108.99 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=557.65
V,Ed=557.65 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=557.65 M_y=558.38
My,Ed=558.38 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
Sollecitazioni: N,Ed=-10.16 My,Ed=98.61 Mz,Ed=50.78 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 313 (-63 -14) - Sez. 1 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
Sollecitazioni: N=10.16 T_z=-107.72 M_y=98.61 T_y=33.85 M_z=50.78
Tensioni: σ_N=0.27 $\sigma_{m,d}$=108.72 τ=0.00 σ_{max}=108.99 (sfrut=0.03)
Tensioni: σ_N=0.27 $\sigma_{m,d}$=36.26 τ=5.54 τ_{max}=5.54 (sfrut=0.00)
Tensioni: σ_N=0.27 $\sigma_{m,d}$=108.72 τ=0.00 $\sigma_{ID,max}$=108.99 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-557.65
V,Ed=-557.65 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-557.65 M_y=558.38
My,Ed=558.38 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 3 SND - Classe 3
Sollecitazioni: N,Ed=-10.16 My,Ed=98.61 Mz,Ed=50.78 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95

Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 314 (-15 -66) - Sez. 1 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
Sollecitazioni: N=-10.16 T_z=107.72 M_y=98.61 T_y=-33.85 M_z=50.78
Tensioni: σ_N=-0.27 $\sigma_{m,d}$=-108.72 τ=0.00 σ_{max}=-108.99 (sfrut=0.03)
Tensioni: σ_N=-0.27 $\sigma_{m,d}$=36.26 τ=5.54 τ_{max}=5.54 (sfrut=0.00)
Tensioni: σ_N=-0.27 $\sigma_{m,d}$=-108.72 τ=0.00 $\sigma_{ID,max}$=108.99 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=557.65
V,Ed=557.65 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=557.65 M_y=558.38
My,Ed=558.38 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
Sollecitazioni: N,Ed=-10.16 My,Ed=98.61 Mz,Ed=50.78 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_Y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_Z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 314 (-65 -15) - Sez. 1 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
Sollecitazioni: N=10.16 T_z=-107.72 M_y=98.61 T_y=33.85 M_z=50.78
Tensioni: σ_N=0.27 $\sigma_{m,d}$=108.72 τ=0.00 σ_{max}=108.99 (sfrut=0.03)
Tensioni: σ_N=0.27 $\sigma_{m,d}$=36.26 τ=5.54 τ_{max}=5.54 (sfrut=0.00)
Tensioni: σ_N=0.27 $\sigma_{m,d}$=108.72 τ=0.00 $\sigma_{ID,max}$=108.99 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-557.65
V,Ed=-557.65 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-557.65 M_y=558.38
My,Ed=558.38 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 3 SND - Classe 3
Sollecitazioni: N,Ed=-10.16 My,Ed=98.61 Mz,Ed=50.78 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_Y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_Z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 315 (203 -67) - Sez. 1 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
Sollecitazioni: N=-10.46 T_z=110.57 M_y=101.55 T_y=-34.86 M_z=52.29
Tensioni: σ_N=-0.28 $\sigma_{m,d}$=-111.96 τ=0.00 σ_{max}=-112.24 (sfrut=0.03)
Tensioni: σ_N=-0.28 $\sigma_{m,d}$=37.34 τ=5.68 τ_{max}=5.68 (sfrut=0.00)
Tensioni: σ_N=-0.28 $\sigma_{m,d}$=-111.96 τ=0.00 $\sigma_{ID,max}$=112.24 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=580.05
V,Ed=580.05 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=580.05 M_y=581.45
My,Ed=581.45 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
Sollecitazioni: N,Ed=-10.46 My,Ed=101.55 Mz,Ed=52.29 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_Y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_Z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.02+0.01=0.03

Asta n. 315 (-72 203) - Sez. 1 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
Sollecitazioni: N=10.46 T_z=-110.57 M_y=101.55 T_y=34.86 M_z=52.29
Tensioni: σ_N=0.28 $\sigma_{m,d}$=111.96 τ=0.00 σ_{max}=112.24 (sfrut=0.03)
Tensioni: σ_N=0.28 $\sigma_{m,d}$=37.34 τ=5.68 τ_{max}=5.68 (sfrut=0.00)
Tensioni: σ_N=0.28 $\sigma_{m,d}$=111.96 τ=0.00 $\sigma_{ID,max}$=112.24 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-580.05
V,Ed=-580.05 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-580.05 M_y=581.45
My,Ed=581.45 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 3 SND - Classe 3
Sollecitazioni: N,Ed=-10.46 My,Ed=101.55 Mz,Ed=52.29 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_Y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_Z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03

Verifica ZZ: 0.00+0.02+0.01=0.03

Asta n. 316 (-26 -74) - Sez. 1 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
Sollecitazioni: N=-10.76 T_z=113.42 M_y=104.48 T_y=-35.87 M_z=53.80
Tensioni: σ_N=-0.29 $\sigma_{m,d}$=-115.19 τ=0.00 σ_{max}=-115.48 (sfrut=0.03)
Tensioni: σ_N=-0.29 $\sigma_{m,d}$=38.42 τ=5.83 τ_{max}=5.83 (sfrut=0.00)
Tensioni: σ_N=-0.29 $\sigma_{m,d}$=-115.19 τ=0.00 $\sigma_{ID,max}$=115.48 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=602.46
V,Ed=602.46 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=602.46 M_y=604.52
My,Ed=604.52 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.10

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
Sollecitazioni: N,Ed=-10.76 My,Ed=104.48 Mz,Ed=53.80 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.02+0.01=0.03

Asta n. 316 (-73 -26) - Sez. 1 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
Sollecitazioni: N=10.76 T_z=-113.42 M_y=104.48 T_y=35.87 M_z=53.80
Tensioni: σ_N=0.29 $\sigma_{m,d}$=115.19 τ=0.00 σ_{max}=115.48 (sfrut=0.03)
Tensioni: σ_N=0.29 $\sigma_{m,d}$=38.42 τ=5.83 τ_{max}=5.83 (sfrut=0.00)
Tensioni: σ_N=0.29 $\sigma_{m,d}$=115.19 τ=0.00 $\sigma_{ID,max}$=115.48 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-602.46
V,Ed=-602.46 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-602.46 M_y=604.52
My,Ed=604.52 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.10

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 3 SND - Classe 3
Sollecitazioni: N,Ed=-10.76 My,Ed=104.48 Mz,Ed=53.80 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.02+0.01=0.03

Asta n. 317 (-18 -71) - Sez. 1 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
Sollecitazioni: N=-7.08 T_z=78.75 M_y=68.77 T_y=-23.61 M_z=35.41
Tensioni: σ_N=-0.19 $\sigma_{m,d}$=-75.82 τ=0.00 σ_{max}=-76.01 (sfrut=0.02)
Tensioni: σ_N=-0.19 $\sigma_{m,d}$=25.29 τ=4.05 τ_{max}=4.05 (sfrut=0.00)
Tensioni: σ_N=-0.19 $\sigma_{m,d}$=-75.82 τ=0.00 $\sigma_{ID,max}$=76.01 (sfrut=0.02)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=329.88
V,Ed=329.88 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=329.88 M_y=323.75
My,Ed=323.75 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.05

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
Sollecitazioni: N,Ed=-7.08 My,Ed=68.77 Mz,Ed=35.41 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.01+0.01=0.02
Verifica ZZ: 0.00+0.01+0.01=0.02

Asta n. 317 (-70 -18) - Sez. 1 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
Sollecitazioni: N=7.08 T_z=-78.75 M_y=68.77 T_y=23.61 M_z=35.41
Tensioni: σ_N=0.19 $\sigma_{m,d}$=75.82 τ=0.00 σ_{max}=76.01 (sfrut=0.02)
Tensioni: σ_N=0.19 $\sigma_{m,d}$=25.29 τ=4.05 τ_{max}=4.05 (sfrut=0.00)
Tensioni: σ_N=0.19 $\sigma_{m,d}$=75.82 τ=0.00 $\sigma_{ID,max}$=76.01 (sfrut=0.02)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-329.88
V,Ed=-329.88 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-329.88 M_y=323.75
My,Ed=323.75 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.05

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 3 SND - Classe 3
Sollecitazioni: N,Ed=-7.08 My,Ed=68.77 Mz,Ed=35.41 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.01+0.01=0.02
Verifica ZZ: 0.00+0.01+0.01=0.02

Membratura
Asta n. 201 (-3 -29 -45) - Sez. 3 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 13 SND - Classe 3
Sollecitazioni: N,Ed=-75.56 My,Ed=986.83 Mz,Ed=508.17 L=2.90
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_Y=36.91 Ncr,y=934494.00 λ^*_y=0.48 Curva a: Φ_y=0.65 χ_y=0.93
λ_Z=36.91 Ncr,z=934494.00 λ^*_z=0.48 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.07+0.04=0.11
Verifica ZZ: 0.00+0.06+0.04=0.10

- Verifica freccia massima per soli carichi accidentali - CC 31
$f_{z,L}$=0.23 (L/1244) $f_{z,G}$=0.08 (L/3727)

- Verifica freccia massima carichi totali - CC 31
$f_{z,L}$=0.39 (L/743) $f_{z,G}$=0.12 (L/2329)

Membratura
Asta n. 202 (-45 201 -6 -7 -8 -9 -10) - Sez. 3 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 29 SLU - Classe 3
Sollecitazioni: N,Ed=-289.62 My,Ed=4612.23 Mz,Ed=0.00 L=7.95
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_Y=101.39 Ncr,y=123881.00 λ^*_y=1.33 Curva a: Φ_y=1.50 χ_y=0.46
λ_Z=101.39 Ncr,z=123881.00 λ^*_z=1.33 Curva a: Φ_z=1.50 χ_z=0.46
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.34=0.34
Verifica ZZ: 0.00+0.27=0.28

- Verifica freccia massima per soli carichi accidentali - CC 31
$f_{z,L}$=0.71 (L/1123) $f_{z,G}$=0.71 (L/1127)

- Verifica freccia massima carichi totali - CC 31
$f_{z,L}$=1.07 (L/746) $f_{z,G}$=1.06 (L/748)

Membratura
Asta n. 203 (202 -11 -12 -13 -14 -15 203) - Sez. 3 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 29 SLU - Classe 3
Sollecitazioni: N,Ed=160.97 My,Ed=3738.68 Mz,Ed=0.00 L=6.84
αmy, αmz, αLT=0.95, 0.95, 0.95
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.28=0.28
Verifica ZZ: 0.00+0.22=0.22

- Verifica freccia massima per soli carichi accidentali - CC 31
$f_{z,G}$=0.23 (L/2983)

- Verifica freccia massima carichi totali - CC 31
$f_{z,G}$=0.34 (L/2007)

Membratura
Asta n. 204 (203 -26 -18) - Sez. 3 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 11 SND - Classe 3
Sollecitazioni: N,Ed=-75.56 My,Ed=986.83 Mz,Ed=508.17 L=2.90
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_Y=36.91 Ncr,y=934497.00 λ^*_y=0.48 Curva a: Φ_y=0.65 χ_y=0.93
λ_Z=36.91 Ncr,z=934497.00 λ^*_z=0.48 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.07+0.04=0.11
Verifica ZZ: 0.00+0.06+0.04=0.10

- Verifica freccia massima per soli carichi accidentali - CC 31
$f_{z,L}$=0.29 (L/988) $f_{z,G}$=0.08 (L/3677)

- Verifica freccia massima carichi totali - CC 31
$f_{z,L}$=0.47 (L/611) $f_{z,G}$=0.13 (L/2300)

Membratura
Asta n. 301 (-79 -45 -80) - Sez. 1 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
Sollecitazioni: N,Ed=-10.45 My,Ed=101.46 Mz,Ed=52.25 L=3.00
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_Y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
λ_Z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.02+0.01=0.03

- Verifica freccia massima per soli carichi accidentali - CC 31
$f_{z,L}$=0.08 (L/3618)

- Verifica freccia massima carichi totali - CC 31
$f_{z,L}$=0.11 (L/2716)

Membratura
Asta n. 302 (-69 -3 -68) - Sez. 1 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
Sollecitazioni: N,Ed=-7.08 My,Ed=68.77 Mz,Ed=35.41 L=3.00
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_Y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
λ_Z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.01+0.01=0.02
Verifica ZZ: 0.00+0.01+0.01=0.02

- Verifica freccia massima per soli carichi accidentali - CC 31

$f_{z,L}$=0.04 (L/6936)

- Verifica freccia massima carichi totali - CC 31
$f_{z,L}$=0.06 (L/4880)

Membratura
Asta n. 303 (-76 -29 -75) - Sez. 1 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
Sollecitazioni: N,Ed=-10.76 My,Ed=104.48 Mz,Ed=53.80 L=3.00
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_Y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
λ_Z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.02+0.01=0.03

- Verifica freccia massima per soli carichi accidentali - CC 31
$f_{z,L}$=0.09 (L/3466)

- Verifica freccia massima carichi totali - CC 31
$f_{z,L}$=0.11 (L/2609)

Membratura
Asta n. 304 (-77 201 -78) - Sez. 1 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
Sollecitazioni: N,Ed=-10.14 My,Ed=98.45 Mz,Ed=50.69 L=3.00
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_Y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
λ_Z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.01+0.01=0.03

- Verifica freccia massima per soli carichi accidentali - CC 31
$f_{z,L}$=0.08 (L/3786)

- Verifica freccia massima carichi totali - CC 31
$f_{z,L}$=0.11 (L/2832)

Membratura
Asta n. 305 (-48 -6 -47) - Sez. 1 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
Sollecitazioni: N,Ed=-10.14 My,Ed=98.45 Mz,Ed=50.69 L=3.00
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_Y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
λ_Z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.01+0.01=0.03

- Verifica freccia massima per soli carichi accidentali - CC 31
$f_{z,L}$=0.08 (L/3786)

- Verifica freccia massima carichi totali - CC 31
$f_{z,L}$=0.11 (L/2832)

Membratura
Asta n. 306 (-50 -7 -49) - Sez. 1 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
Sollecitazioni: N,Ed=-10.14 My,Ed=98.45 Mz,Ed=50.69 L=3.00
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_Y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
λ_Z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.01+0.01=0.03

- Verifica freccia massima per soli carichi accidentali - CC 31
$f_{z,L}$=0.08 (L/3786)

- Verifica freccia massima carichi totali - CC 31
$f_{z,L}$=0.11 (L/2832)

Membratura
Asta n. 307 (-52 -8 -51) - Sez. 1 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
Sollecitazioni: N,Ed=-10.14 My,Ed=98.45 Mz,Ed=50.69 L=3.00
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_Y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
λ_Z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.01+0.01=0.03

- Verifica freccia massima per soli carichi accidentali - CC 31
$f_{z,L}$=0.08 (L/3786)

- Verifica freccia massima carichi totali - CC 31
$f_{z,L}$=0.11 (L/2832)

Membratura
Asta n. 308 (-54 -9 -53) - Sez. 1 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
Sollecitazioni: N,Ed=-10.14 My,Ed=98.45 Mz,Ed=50.69 L=3.00
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_Y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84

λ_z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.01+0.01=0.03

- Verifica freccia massima per soli carichi accidentali - CC 31
$f_{z,L}$=0.08 (L/3786)

- Verifica freccia massima carichi totali - CC 31
$f_{z,L}$=0.11 (L/2832)

Membratura
Asta n. 309 (-56 -10 -55) - Sez. 1 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
Sollecitazioni: N,Ed=-6.77 My,Ed=65.76 Mz,Ed=33.86 L=3.00
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
λ_z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.01+0.01=0.02
Verifica ZZ: 0.00+0.01+0.01=0.02

- Verifica freccia massima per soli carichi accidentali - CC 31
$f_{z,L}$=0.04 (L/7570)

- Verifica freccia massima carichi totali - CC 31
$f_{z,L}$=0.06 (L/5264)

Membratura
Asta n. 310 (-58 -11 -57) - Sez. 1 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
Sollecitazioni: N,Ed=-6.78 My,Ed=65.84 Mz,Ed=33.90 L=3.00
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
λ_z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.01+0.01=0.02
Verifica ZZ: 0.00+0.01+0.01=0.02

- Verifica freccia massima per soli carichi accidentali - CC 31
$f_{z,L}$=0.04 (L/7552)

- Verifica freccia massima carichi totali - CC 31
$f_{z,L}$=0.06 (L/5253)

Membratura
Asta n. 311 (-60 -12 -59) - Sez. 1 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
Sollecitazioni: N,Ed=-10.16 My,Ed=98.61 Mz,Ed=50.78 L=3.00
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
λ_z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.01+0.01=0.03

- Verifica freccia massima per soli carichi accidentali - CC 31
$f_{z,L}$=0.08 (L/3776)

- Verifica freccia massima carichi totali - CC 31
$f_{z,L}$=0.11 (L/2824)

Membratura
Asta n. 312 (-62 -13 -61) - Sez. 1 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
Sollecitazioni: N,Ed=-10.16 My,Ed=98.61 Mz,Ed=50.78 L=3.00
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
λ_z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.01+0.01=0.03

- Verifica freccia massima per soli carichi accidentali - CC 31
$f_{z,L}$=0.08 (L/3777)

- Verifica freccia massima carichi totali - CC 31
$f_{z,L}$=0.11 (L/2825)

Membratura
Asta n. 313 (-64 -14 -63) - Sez. 1 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
Sollecitazioni: N,Ed=-10.16 My,Ed=98.61 Mz,Ed=50.78 L=3.00
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
λ_z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.01+0.01=0.03

- Verifica freccia massima per soli carichi accidentali - CC 31
$f_{z,L}$=0.08 (L/3777)

- Verifica freccia massima carichi totali - CC 31
$f_{z,L}$=0.11 (L/2826)

Membratura

Asta n. 314 (-66 -15 -65) - Sez. 1 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
  Sollecitazioni: N,Ed=-10.16 My,Ed=98.61 Mz,Ed=50.78 L=3.00
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_Y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
  λ_Z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.02+0.01=0.03
  Verifica ZZ: 0.00+0.01+0.01=0.03

- Verifica freccia massima per soli carichi accidentali - CC 31
  $f_{z,L}$=0.08 (L/3777)

- Verifica freccia massima carichi totali - CC 31
  $f_{z,L}$=0.11 (L/2825)

Membratura
Asta n. 315 (-67 203 -72) - Sez. 1 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
  Sollecitazioni: N,Ed=-10.46 My,Ed=101.55 Mz,Ed=52.29 L=3.00
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_Y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
  λ_Z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.02+0.01=0.03
  Verifica ZZ: 0.00+0.02+0.01=0.03

- Verifica freccia massima per soli carichi accidentali - CC 31
  $f_{z,L}$=0.08 (L/3614)

- Verifica freccia massima carichi totali - CC 31
  $f_{z,L}$=0.11 (L/2713)

Membratura
Asta n. 316 (-74 -26 -73) - Sez. 1 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
  Sollecitazioni: N,Ed=-10.76 My,Ed=104.48 Mz,Ed=53.80 L=3.00
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_Y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
  λ_Z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.02+0.01=0.03
  Verifica ZZ: 0.00+0.02+0.01=0.03

- Verifica freccia massima per soli carichi accidentali - CC 31
  $f_{z,L}$=0.09 (L/3467)

- Verifica freccia massima carichi totali - CC 31
  $f_{z,L}$=0.11 (L/2610)

Membratura
Asta n. 317 (-71 -18 -70) - Sez. 1 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
  Sollecitazioni: N,Ed=-7.08 My,Ed=68.77 Mz,Ed=35.41 L=3.00
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_Y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
  λ_Z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.01+0.01=0.02
  Verifica ZZ: 0.00+0.01+0.01=0.02

- Verifica freccia massima per soli carichi accidentali - CC 31
  $f_{z,L}$=0.04 (L/6928)

- Verifica freccia massima carichi totali - CC 31
  $f_{z,L}$=0.06 (L/4877)

6.2 Tracker 2x15 – configurazione in esercizio (α = 55°)

6.2.1 Diagrammi tassi di sfruttamento

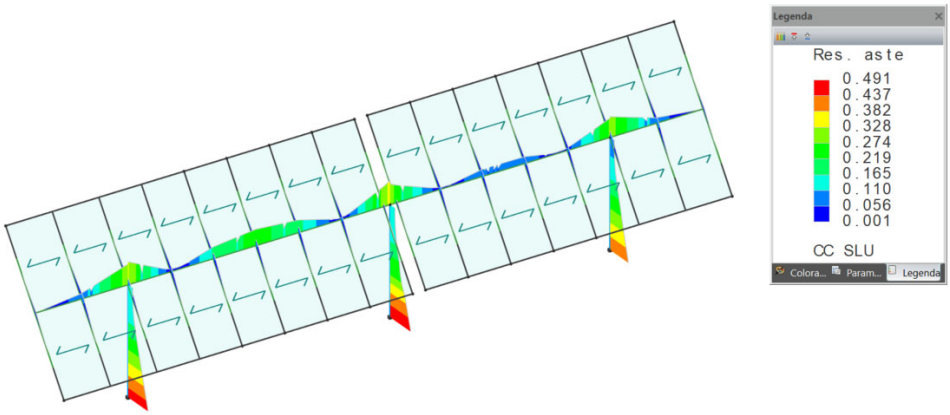


Diagramma tassi di sfruttamento resistenza aste combo SLU con valore massimo pari a 0,491

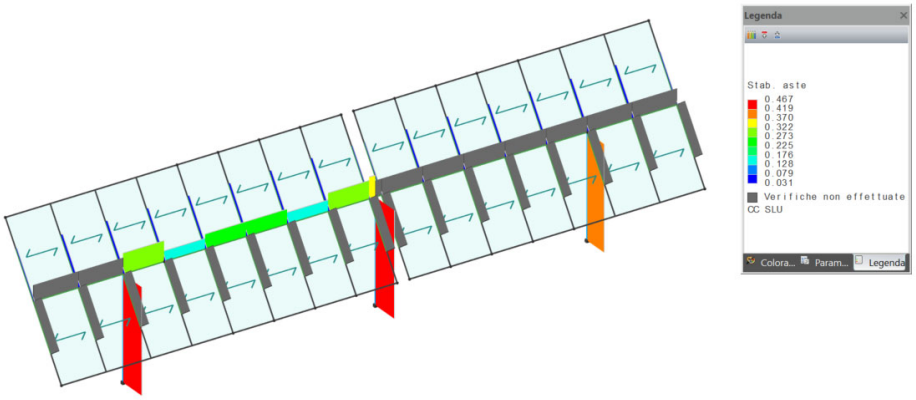


Diagramma tassi di sfruttamento stabilità aste combo SLU con valore massimo pari a 0,467

(nota: la dicitura verifiche non effettuate si riferisce ad elementi non sollecitatati per i quali non sono necessarie verifiche di stabilità)

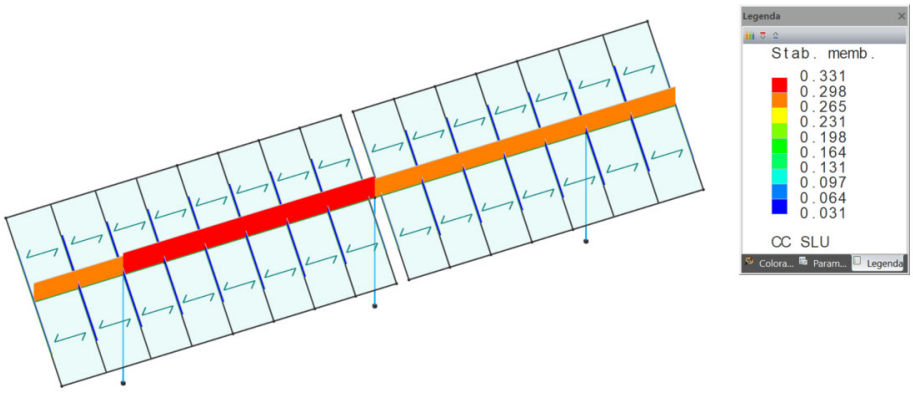


Diagramma tassi di sfruttamento stabilità membrature combo SLU con valore massimo pari a 0,331

Figure 22: Tassi di sfruttamento SLU (Stato limite ultimo)

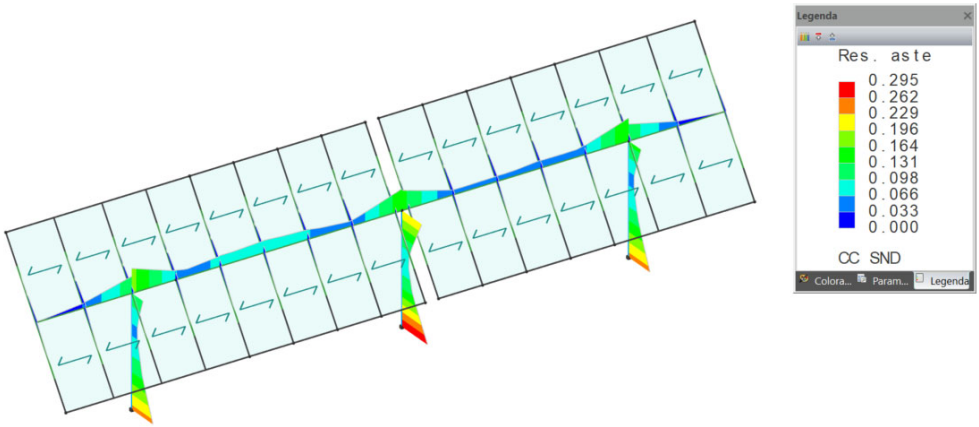


Diagramma tassi di sfruttamento resistenza aste combo SND con valore massimo pari a 0,295

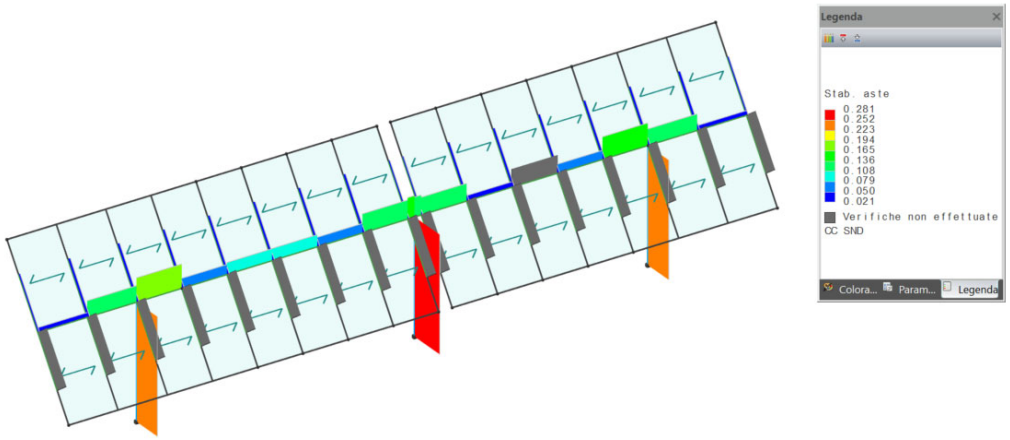


Diagramma tassi di sfruttamento stabilità aste combo SND con valore massimo pari a 0,281

(nota: la dicitura verifiche non effettuate si riferisce ad elementi non sollecitatati per i quali non sono necessarie verifiche di stabilità)

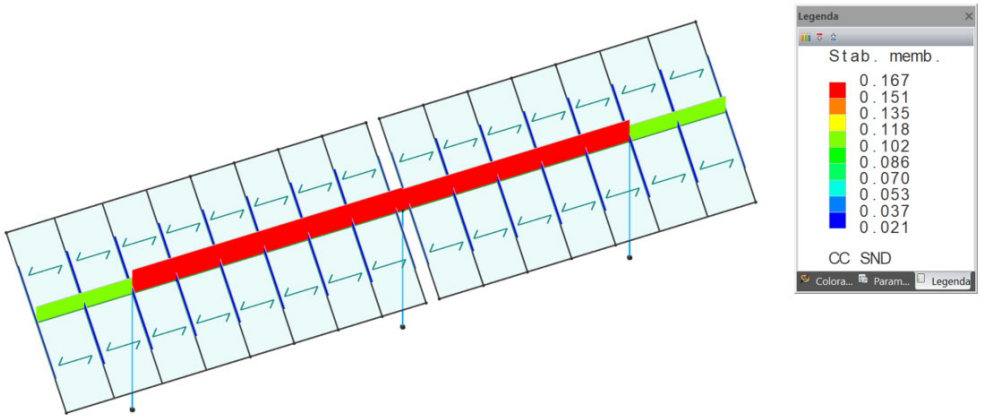
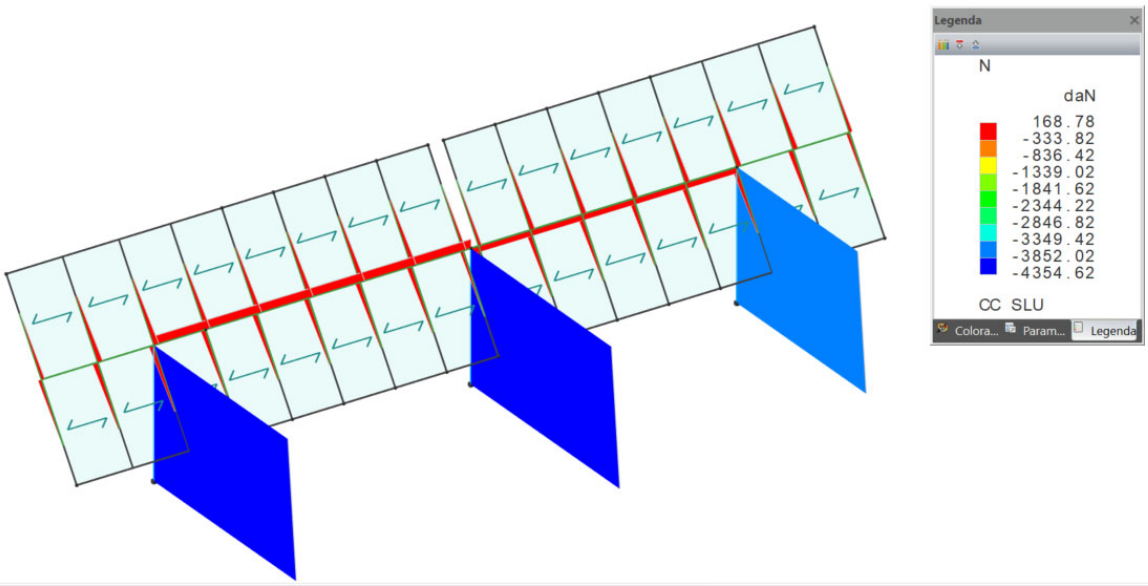


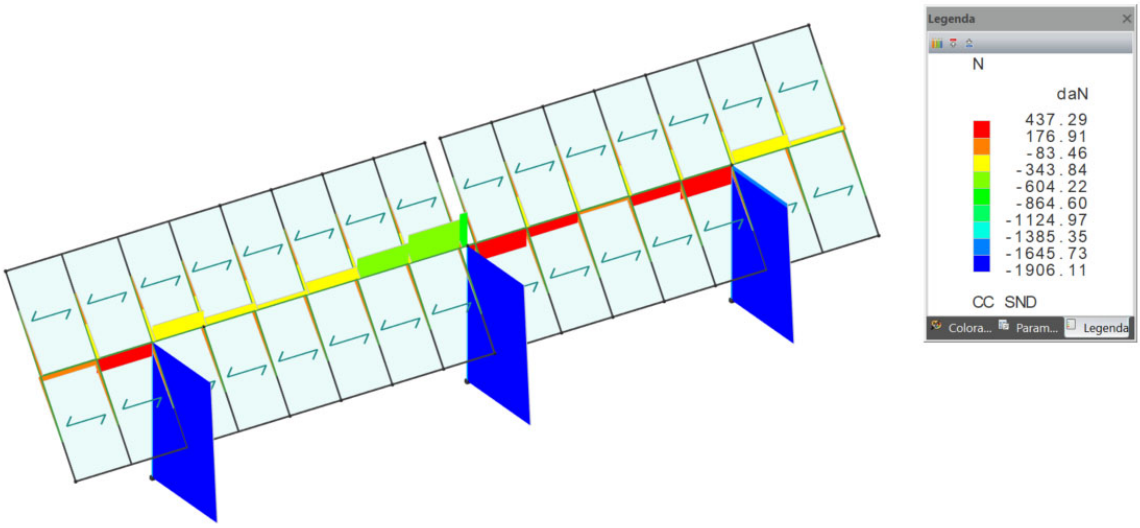
Diagramma tassi di sfruttamento stabilità membrature combo SND con valore massimo pari a 0,167

Figure 23: Tassi di sfruttamento SND (Stato limite di vita non dissipativo)

6.2.2 Sollecitazioni

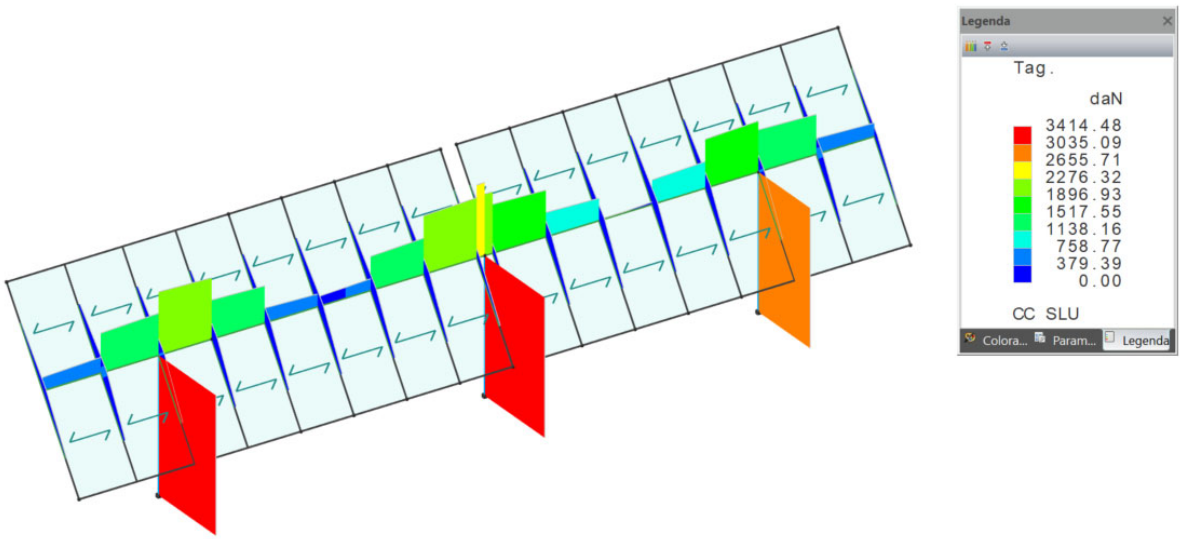


Inviluppo sforzo normale SLU Nmax = 4354,62 daN (compressione)

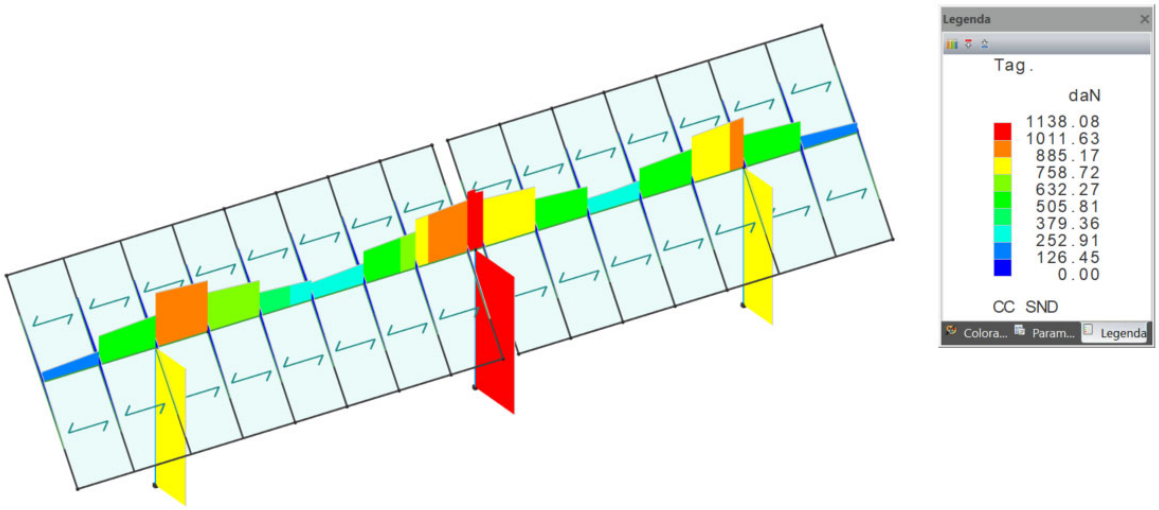


Inviluppo sforzo normale SND Nmax = 1906,11 daN (compressione)

Figure 24: Sforzo Normale

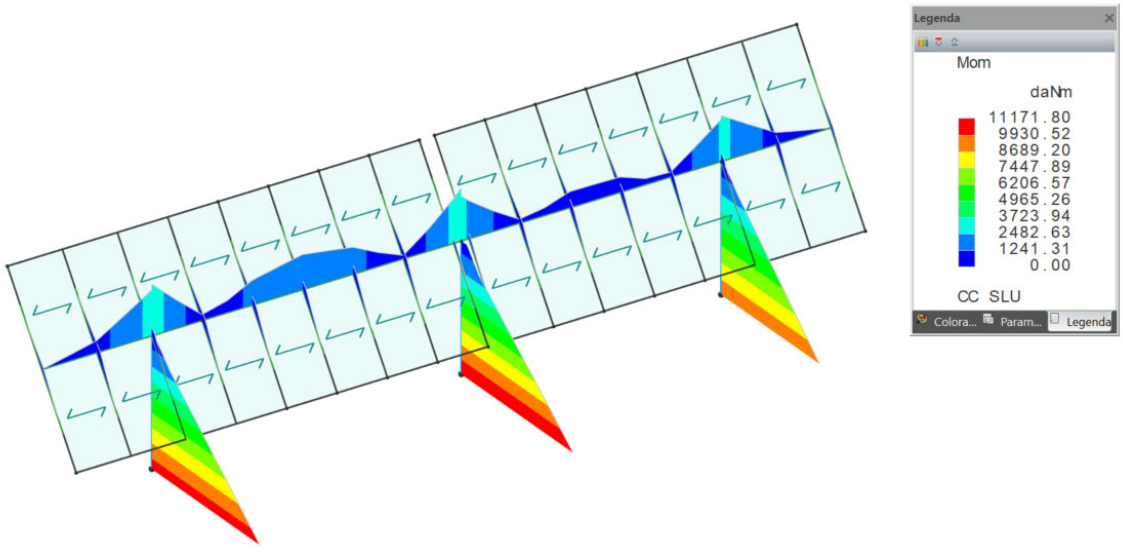


Inviluppo sforzo di taglio SLU Tmax = 3414,48 daN

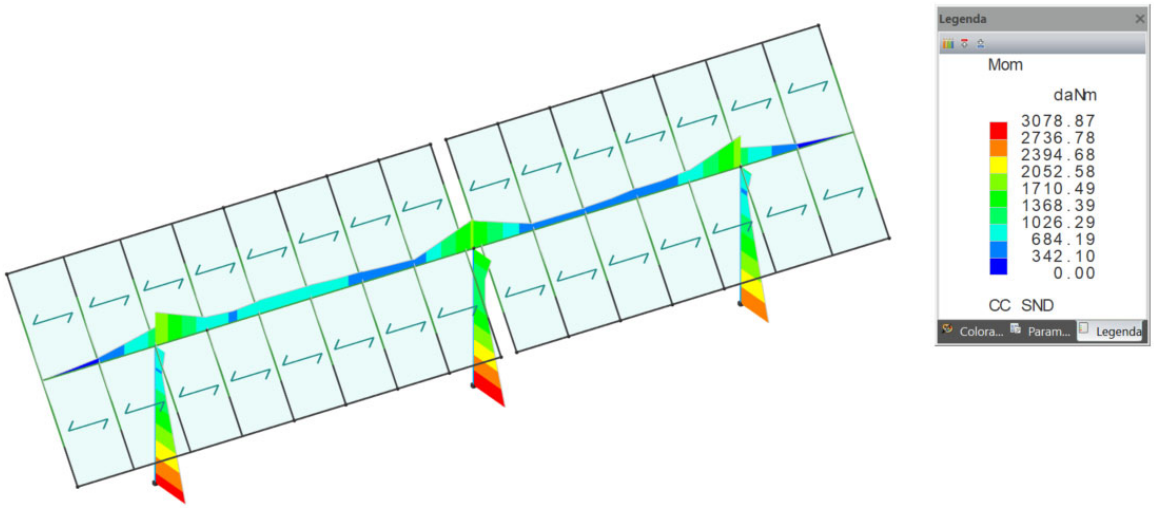


Inviluppo sforzo di taglio SND Tmax = 1138,08 daN

Figure 25: Taglio



Inviluppo momento flettente SLU Mmax = 11171,80 daN×m



Inviluppo momento flettente SND Mmax = 3078,87 daN×m

Figure 26: Momento Flettente

6.2.3 Tabulati di calcolo

Si riportano i tabulati di calcolo elaborati come output dal programma di calcolo.

Risultati del calcolo

Parametri di calcolo
La modellazione della struttura e la rielaborazione dei risultati del calcolo sono stati effettuati con:
ModeSt ver. 8.28, licenza n. 7279, prodotto da Tecnisoft s.a.s. - Prato
La struttura è stata calcolata utilizzando come solutore agli elementi finiti:
Xfinest ver. 9.5.3, licenza n. 3451, prodotto da Ce.A.S. S.r.l. - Milano

Tipo di normativa: stati limite D.M. 18
Tipo di calcolo: sismica statica
Vincoli esterni: Considera sempre vincoli assegnati in modellazione
Schematizzazione piani rigidi: nessun impalcato rigido
Modalità di recupero masse secondarie: mantenere sul nodo masse e forze relative

Generazione combinazioni

- Lineari: Sì
- Valuta spostamenti e non sollecitazioni: No
- Buckling: No

Opzioni di calcolo

- Non sono state considerate infinitamente rigide le zone di connessione fra travi, pilastri ed elementi bidimensionali
- Calcolo con offset rigidi dai nodi: No
- Uniformare i carichi variabili: No
- Massimizzare i carichi variabili: No
- Recupero carichi zone rigide: taglio e momento flettente
- Modalità di combinazione momento torcente: disaccoppiare le azioni

Opzioni del solutore

- Tipo di elemento bidimensionale: QF46
- Calcolo sforzo nei nodi: No
- Trascura deformabilità a taglio delle aste: No
- Analisi dinamica con metodo di Lanczos: Sì
- Check sequenza di Sturm: Sì
- Analisi non lineare con Newton modificato: No
- Usa formulazione secante per buckling: No
- Trascura buckling torsionale: No

Dati struttura

- Sito di costruzione: CPHJ+52 Foggia FG, Italia LON. 15.73010 LAT. 41.42790
  Contenuto tra ID reticolo: 30559 30558 30337 30336

Simbologia
Ag = Accelerazione orizzontale massima al sito
C_C = Coefficiente funzione della categoria del suolo
Fo = Valore massimo del fattore di amplificazione dello spettro in accelerazione orizzontale
S_S = Coefficiente di amplificazione stratigrafica
T_R = Periodo di ritorno <anni>
TCC = Tipo di combinazione di carico
SLU = Stato limite ultimo
SLE R = Stato limite d'esercizio, combinazione rara
SLE F = Stato limite d'esercizio, combinazione frequente
SLE Q = Stato limite d'esercizio, combinazione quasi permanente
SLD = Stato limite di danno
SND = Stato limite di salvaguardia della vita (non dissipativo)
Tc* = Periodo di inizio del tratto a velocità costante dello spettro in accelerazione orizzontale <sec>

TCC	T_R	Ag <g>	Fo	Tc*	S_S	C_C
SLD	50	0.0554	2.54	0.33	1.50	1.52
SLV	475	0.1323	2.61	0.43	1.49	1.38

- Edificio esistente: No
- Spettri: Automatici da normativa
- Tipo di opera: Opera ordinaria
- Vita nominale V_N: 50.00
- Classe d'uso: Classe II
- SL Esercizio: SLOPvr No, SLDPvr 63.00
- SL Ultimi: SLVPvr 10.00, SLCPvr No
- Struttura dissipativa: No
- Quota di riferimento: 0.00 <m>
- Quota max della struttura: 5.26 <m>
- Altezza della struttura: 5.26 <m>
- Numero piani edificio: 0
- Coefficiente θ: 0.00
- Edificio regolare in altezza: Sì
- Edificio regolare in pianta: Sì
- Forze orizzontali convenzionali per stati limite non sismici: No
- Genera stati limite per verifiche di resistenza al fuoco: No

Dati di calcolo

- Categoria del suolo di fondazione: C
- Tipologia strutturale: acciaio a mensola o a pendolo inverso

Periodo T_1	0.29527
Coeff. λ SLD	1.00
Coeff. λ SLV	1.00

Rapporto di sovraresistenza (α_u/α_1)	1.00
Valore di riferimento del fattore di comportamento (q_0)	1.00
Fattore riduttivo (K_w)	1.00
Fattore riduttivo regolarità in altezza (KR)	1.00
Fattore di comportamento dissipativo (q)	1.00
Fattore di comportamento non dissipativo (qND)	1.00
Fattore di comportamento per SLD (qD)	1.00

- Categoria topografica: T1 - Superficie pianeggiante, pendii e rilievi isolati con inclinazione media i<=15°
- Coeff. amplificazione topografica S_T: 1.00
- Accelerazione di picco del terreno AgS: 0.1976 <g>
- Fattore di comportamento per sisma verticale (qv): 1.50
- Smorzamento spettro: 5.00%

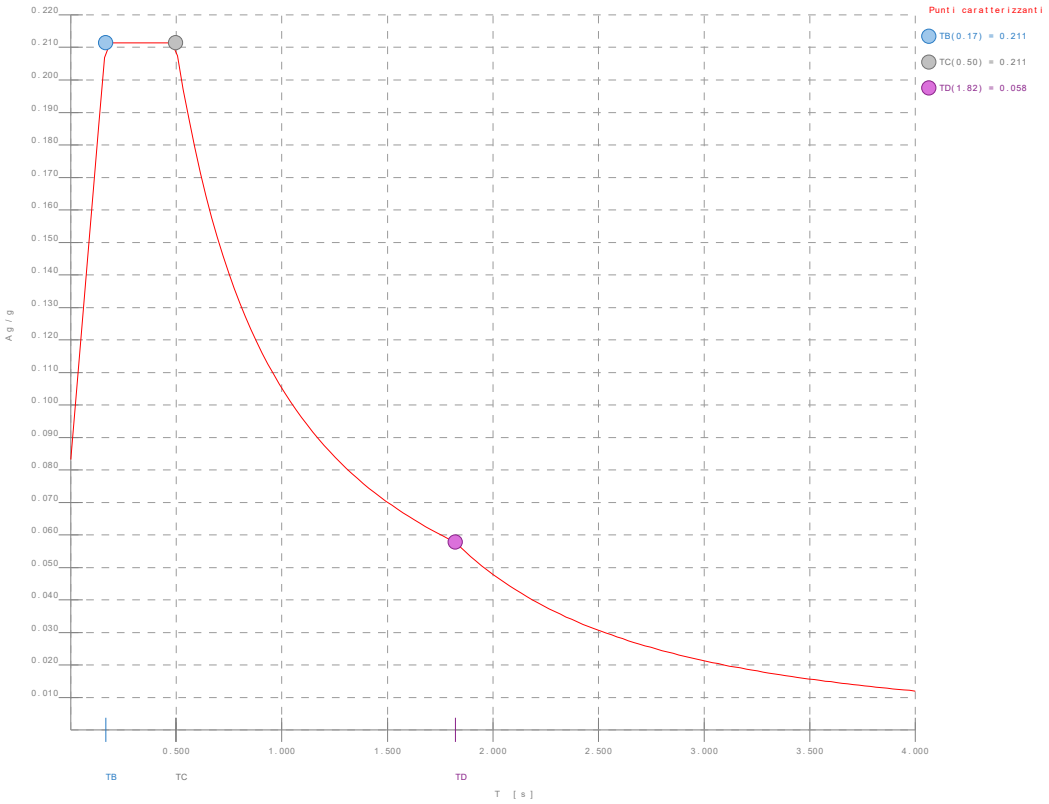


Figura numero 1: Spettro SLD

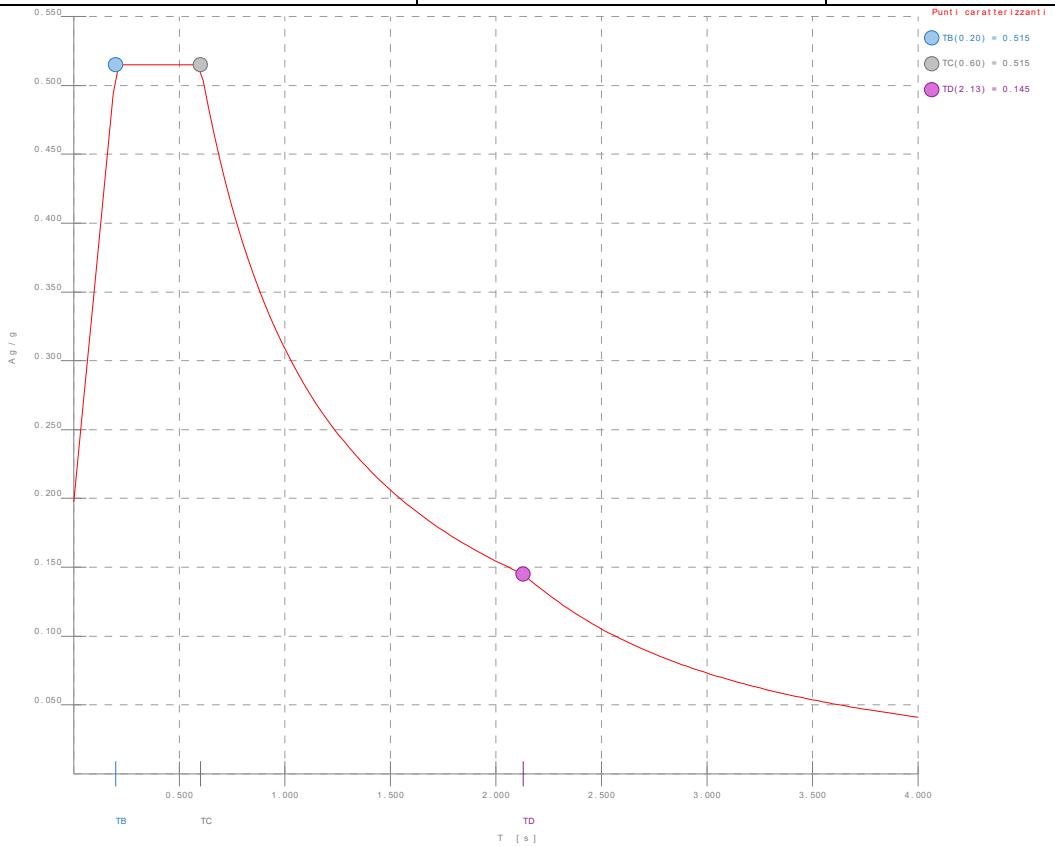


Figura numero 2: Spettro SND

- Angolo di ingresso del sisma: 0.00 <grad>
- Tipo di combinazione sismica: 30% esteso

Ambienti di carico
Simbologia
N = Numero
Comm. = Commento
1 = G1 - Peso Proprio
2 = G2 - Permanenti non strutturali
3 = Q - Variabili neve
4 = Vento da retro - Cond. A
5 = Vento da retro - Cond. B
6 = Vento da fronte - Cond. C
7 = Vento da fronte - Cond. D
F = azioni orizzontali convenzionali
SLU = Stato limite ultimo
SLR = Stato limite per combinazioni rare
SLF = Stato limite per combinazioni frequenti
SLQ/D = Stato limite per combinazioni quasi permanenti o di danno
S = Sì
N = No

N	Comm.	1	2	3	4	5	6	7	S	SLU	SLR	SLF	SLQ
1	Calcolo sismico	S	S	S	N	N	N	N	S	S	N	N	N
2	Calcolo statico	S	S	S	N	N	N	N	S	S	S	S	S
3	Vento da 270° - cond A	S	S	S	S	N	N	N	S	S	S	S	S
4	Vento da 270° - cond B	S	S	S	N	S	N	N	S	S	S	S	S
5	Vento da 90° - cond C	S	S	S	N	N	S	N	S	S	S	S	S
6	Vento da 90° - cond D	S	S	S	N	N	N	S	S	S	S	S	S

Elenco combinazioni di carico simboliche

Simbologia
CC = Numero della combinazione delle condizioni di carico elementari
Comm. = Commento
TCC = Tipo di combinazione di carico
SLU = Stato limite ultimo
SLE R = Stato limite d'esercizio, combinazione rara
SLE F = Stato limite d'esercizio, combinazione frequente
SLE Q = Stato limite d'esercizio, combinazione quasi permanente
SLD = Stato limite di danno
SND = Stato limite di salvaguardia della vita (non dissipativo)

CC	Comm.	TCC	1	2	3	4	5	6	7	S
1	Amb. 1 (Sisma)	SLU S	1	1	ψ_2	-----	-----	-----	-----	1
2	Amb. 2 (SLU)	SLU	γ max	γ max	γ max	-----	-----	-----	-----	-----
3	Amb. 2 (SLE R)	SLE R	1	1	1	-----	-----	-----	-----	-----
4	Amb. 2 (SLE F)	SLE F	1	1	ψ_1	-----	-----	-----	-----	-----
5	Amb. 2 (SLE Q)	SLE Q	1	1	ψ_2	-----	-----	-----	-----	-----
6	Amb. 3 (SLU)	SLU	γ max	γ max	ψ_0*γ max	γ max	-----	-----	-----	-----

7	Amb. 3 (SLU)	SLU	γ max	γ max	γ max	ψ_0*γ max	-----	-----	-----	-----
8	Amb. 3 (SLE R)	SLE R	1	1	ψ_0	1	-----	-----	-----	-----
9	Amb. 3 (SLE R)	SLE R	1	1	1	ψ_0	-----	-----	-----	-----
10	Amb. 3 (SLE F)	SLE F	1	1	ψ_2	ψ_1	-----	-----	-----	-----
11	Amb. 3 (SLE F)	SLE F	1	1	ψ_1	ψ_2	-----	-----	-----	-----
12	Amb. 3 (SLE Q)	SLE Q	1	1	ψ_2	ψ_2	-----	-----	-----	-----
13	Amb. 4 (SLU)	SLU	γ max	γ max	ψ_0*γ max	-----	γ max	-----	-----	-----
14	Amb. 4 (SLU)	SLU	γ max	γ max	γ max	-----	ψ_0*γ max	-----	-----	-----
15	Amb. 4 (SLE R)	SLE R	1	1	ψ_0	-----	1	-----	-----	-----
16	Amb. 4 (SLE R)	SLE R	1	1	1	-----	ψ_0	-----	-----	-----
17	Amb. 4 (SLE F)	SLE F	1	1	ψ_2	-----	ψ_1	-----	-----	-----
18	Amb. 4 (SLE F)	SLE F	1	1	ψ_1	-----	ψ_2	-----	-----	-----
19	Amb. 4 (SLE Q)	SLE Q	1	1	ψ_2	-----	ψ_2	-----	-----	-----
20	Amb. 5 (SLU)	SLU	γ max	γ max	ψ_0*γ max	-----	-----	γ max	-----	-----
21	Amb. 5 (SLU)	SLU	γ max	γ max	γ max	-----	-----	ψ_0*γ max	-----	-----
22	Amb. 5 (SLE R)	SLE R	1	1	ψ_0	-----	-----	1	-----	-----
23	Amb. 5 (SLE R)	SLE R	1	1	1	-----	-----	ψ_0	-----	-----
24	Amb. 5 (SLE F)	SLE F	1	1	ψ_2	-----	-----	ψ_1	-----	-----
25	Amb. 5 (SLE F)	SLE F	1	1	ψ_1	-----	-----	ψ_2	-----	-----
26	Amb. 5 (SLE Q)	SLE Q	1	1	ψ_2	-----	-----	ψ_2	-----	-----
27	Amb. 6 (SLU)	SLU	γ max	γ max	ψ_0*γ max	-----	-----	-----	γ max	-----
28	Amb. 6 (SLU)	SLU	γ max	γ max	γ max	-----	-----	-----	ψ_0*γ max	-----
29	Amb. 6 (SLE R)	SLE R	1	1	ψ_0	-----	-----	-----	1	-----
30	Amb. 6 (SLE R)	SLE R	1	1	1	-----	-----	-----	ψ_0	-----
31	Amb. 6 (SLE F)	SLE F	1	1	ψ_2	-----	-----	-----	ψ_1	-----
32	Amb. 6 (SLE F)	SLE F	1	1	ψ_1	-----	-----	-----	ψ_2	-----
33	Amb. 6 (SLE Q)	SLE Q	1	1	ψ_2	-----	-----	-----	ψ_2	-----

Genera le combinazioni con un solo carico di tipo variabile come di base: Sì

Considera sollecitazioni dinamiche con segno dei modi principali: No

Combinazioni delle CCE

Simbologia
An. =Tipo di analisi
L = Lineare
NL = Non lineare
Bk =Buckling
S = Sì
N = No
CC =Numero della combinazione delle condizioni di carico elementari
Comm. =Commento
TCC =Tipo di combinazione di carico
SLU = Stato limite ultimo
SLE R = Stato limite d'esercizio, combinazione rara
SLE F = Stato limite d'esercizio, combinazione frequente
SLE Q = Stato limite d'esercizio, combinazione quasi permanente
SLD = Stato limite di danno
SND = Stato limite di salvaguardia della vita (non dissipativo)

CC	Comm.	TCC	An.	Bk	1	2	3	4	5	6	7	S X	S Y
1	Amb. 1 (SLU S) S +X+0.3Y	SND	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	0.30
2	Amb. 1 (SLE) S +X+0.3Y	SLD	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	0.30
3	Amb. 1 (SLU S) S +X-0.3Y	SND	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	-0.30
4	Amb. 1 (SLE) S +X-0.3Y	SLD	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	-0.30
5	Amb. 1 (SLU S) S -X+0.3Y	SND	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	-1.00	0.30
6	Amb. 1 (SLE) S -X+0.3Y	SLD	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	-1.00	0.30
7	Amb. 1 (SLU S) S -X-0.3Y	SND	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	-1.00	-0.30
8	Amb. 1 (SLE) S -X-0.3Y	SLD	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	-1.00	-0.30
9	Amb. 1 (SLU S) S +0.3X+Y	SND	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.30	1.00
10	Amb. 1 (SLE) S +0.3X+Y	SLD	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.30	1.00
11	Amb. 1 (SLU S) S -0.3X+Y	SND	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	-0.30	1.00
12	Amb. 1 (SLE) S -0.3X+Y	SLD	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	-0.30	1.00
13	Amb. 1 (SLU S) S +0.3X-Y	SND	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.30	-1.00
14	Amb. 1 (SLE) S +0.3X-Y	SLD	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.30	-1.00
15	Amb. 1 (SLU S) S -0.3X-Y	SND	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	-0.30	-1.00
16	Amb. 1 (SLE) S -0.3X-Y	SLD	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	-0.30	-1.00
17	Amb. 2 (SLU)	SLU	L	N	1.30	1.50	1.50	0.00	0.00	0.00	0.00	0.00	0.00
18	Amb. 2 (SLE R)	SLE R	L	N	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00
19	Amb. 2 (SLE F)	SLE F	L	N	1.00	1.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00
20	Amb. 2 (SLE Q)	SLE Q	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	Amb. 3 (SLU)	SLU	L	N	1.30	1.50	0.75	1.50	0.00	0.00	0.00	0.00	0.00
22	Amb. 3 (SLU)	SLU	L	N	1.30	1.50	1.50	0.90	0.00	0.00	0.00	0.00	0.00
23	Amb. 3 (SLE R)	SLE R	L	N	1.00	1.00	0.50	1.00	0.00	0.00	0.00	0.00	0.00
24	Amb. 3 (SLE R)	SLE R	L	N	1.00	1.00	1.00	0.60	0.00	0.00	0.00	0.00	0.00
25	Amb. 3 (SLE F)	SLE F	L	N	1.00	1.00	0.00	0.20	0.00	0.00	0.00	0.00	0.00
26	Amb. 3 (SLE F)	SLE F	L	N	1.00	1.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00
27	Amb. 3 (SLE Q)	SLE Q	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	Amb. 4 (SLU)	SLU	L	N	1.30	1.50	0.75	0.00	1.50	0.00	0.00	0.00	0.00
29	Amb. 4 (SLU)	SLU	L	N	1.30	1.50	1.50	0.00	0.90	0.00	0.00	0.00	0.00
30	Amb. 4 (SLE R)	SLE R	L	N	1.00	1.00	0.50	0.00	1.00	0.00	0.00	0.00	0.00
31	Amb. 4 (SLE R)	SLE R	L	N	1.00	1.00	1.00	0.00	0.60	0.00	0.00	0.00	0.00
32	Amb. 4 (SLE F)	SLE F	L	N	1.00	1.00	0.00	0.00	0.20	0.00	0.00	0.00	0.00
33	Amb. 4 (SLE F)	SLE F	L	N	1.00	1.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00
34	Amb. 4 (SLE Q)	SLE Q	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	Amb. 5 (SLU)	SLU	L	N	1.30	1.50	0.75	0.00	0.00	1.50	0.00	0.00	0.00
36	Amb. 5 (SLU)	SLU	L	N	1.30	1.50	1.50	0.00	0.00	0.90	0.00	0.00	0.00
37	Amb. 5 (SLE R)	SLE R	L	N	1.00	1.00	0.50	0.00	0.00	1.00	0.00	0.00	0.00
38	Amb. 5 (SLE R)	SLE R	L	N	1.00	1.00	1.00	0.00	0.00	0.60	0.00	0.00	0.00
39	Amb. 5 (SLE F)	SLE F	L	N	1.00	1.00	0.00	0.00	0.00	0.20	0.00	0.00	0.00
40	Amb. 5 (SLE F)	SLE F	L	N	1.00	1.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00
41	Amb. 5 (SLE Q)	SLE Q	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
42	Amb. 6 (SLU)	SLU	L	N	1.30	1.50	0.75	0.00	0.00	0.00	1.50	0.00	0.00
43	Amb. 6 (SLU)	SLU	L	N	1.30	1.50	1.50	0.00	0.00	0.00	0.90	0.00	0.00
44	Amb. 6 (SLE R)	SLE R	L	N	1.00	1.00	0.50	0.00	0.00	0.00	1.00	0.00	0.00
45	Amb. 6 (SLE R)	SLE R	L	N	1.00	1.00	1.00	0.00	0.00	0.00	0.60	0.00	0.00
46	Amb. 6 (SLE F)	SLE F	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.20	0.00	0.00

47	Amb. 6 (SLE F)	SLE F	L	N	1.00	1.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00
48	Amb. 6 (SLE Q)	SLE Q	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Elenco masse nodi

Simbologia
Mo = Massa orizzontale
Nodo = Numero del nodo

Nodo	Mo <kg>	Nodo	Mo <kg>	Nodo	Mo <kg>	Nodo	Mo <kg>	Nodo	Mo <kg>	Nodo	Mo <kg>	Nodo	Mo <kg>	Nodo	Mo <kg>	Nodo	Mo <kg>	Nodo	Mo <kg>
-80	68.95	-79	68.95	-78	66.90	-77	66.90	-76	71.00	-75	71.00	-74	71.00	-73	71.00	-72	69.01	-71	46.74	-70	46.74
-69	46.74	-68	46.74	-67	69.01	-66	67.01	-65	67.01	-64	67.01	-63	67.01	-62	67.01	-61	67.01	-60	67.01	-59	67.01
-58	44.74	-57	44.74	-56	44.69	-55	44.69	-54	66.90	-53	66.90	-52	66.90	-51	66.90	-50	66.90	-49	66.90	-48	66.90
-47	66.90	-45	251.98	-29	160.41	-26	160.41	-18	102.67	-15	150.92	-14	150.92	-13	150.92	-12	150.92	-11	102.85	-10	102.71
-9	150.66	-8	150.66	-7	150.66	-6	150.66	-3	102.67	201	150.66	202	106.28	203	252.12						

Totali masse nodi

Mo <kg>
4829.94

Elenco forze sismiche nodali allo SLD

Simbologia
Fx = Forza in dir. X
Fy = Forza in dir. Y
Nodo = Numero del nodo
cx = Coeff. c in dir. X
cy = Coeff. c in dir. Y

Nodo	cx	cy	Fx <daN>	Fy <daN>	Nodo	cx	cy	Fx <daN>	Fy <daN>	Nodo	cx	cy	Fx <daN>	Fy <daN>	Nodo	cx	cy	Fx <daN>	Fy <daN>	Nodo	cx	cy	Fx <daN>	Fy <daN>
-80	0.02	0.02	19.62	19.62	-79	0.01	0.01	8.97	8.97	-78	0.02	0.02	19.03	19.03	-77	0.01	0.01	8.71	8.71	-76	0.01	0.01	9.24	9.24
-75	0.02	0.02	20.20	20.20	-74	0.01	0.01	9.24	9.24	-73	0.02	0.02	20.20	20.20	-72	0.02	0.02	19.63	19.63	-71	0.01	0.01	6.08	6.08
-70	0.01	0.01	13.30	13.30	-69	0.01	0.01	6.08	6.08	-68	0.01	0.01	13.30	13.30	-67	0.01	0.01	8.98	8.98	-66	0.01	0.01	8.72	8.72
-65	0.02	0.02	19.07	19.07	-64	0.01	0.01	8.72	8.72	-63	0.02	0.02	19.07	19.07	-62	0.01	0.01	8.72	8.72	-61	0.02	0.02	19.07	19.07
-60	0.01	0.01	8.72	8.72	-59	0.02	0.02	19.07	19.07	-58	0.01	0.01	5.82	5.82	-57	0.01	0.01	12.73	12.73	-56	0.01	0.01	5.81	5.81
-55	0.01	0.01	12.71	12.71	-54	0.01	0.01	8.71	8.71	-53	0.02	0.02	19.03	19.03	-52	0.01	0.01	8.71	8.71	-51	0.02	0.02	19.03	19.03
-50	0.01	0.01	8.71	8.71	-49	0.02	0.02	19.03	19.03	-48	0.01	0.01	8.71	8.71	-47	0.02	0.02	19.03	19.03	-45	0.05	0.05	52.24	52.24
-29	0.03	0.03	33.26	33.26	-26	0.03	0.03	33.25	33.25	-18	0.02	0.02	21.29	21.29	-15	0.03	0.03	31.29	31.29	-14	0.03	0.03	31.29	31.29
-13	0.03	0.03	31.29	31.29	-12	0.03	0.03	31.29	31.29	-11	0.02	0.02	21.32	21.32	-10	0.02	0.02	21.29	21.29	-9	0.03	0.03	31.23	31.23
-8	0.03	0.03	31.23	31.23	-7	0.03	0.03	31.23	31.23	-6	0.03	0.03	31.23	31.23	-3	0.02	0.02	21.29	21.29	201	0.03	0.03	31.23	31.23
202	0.02	0.02	22.03	22.03	203	0.05	0.05	52.27	52.27															

Totali forze sismiche

Fx <daN>	Fy <daN>
1001.30	1001.30

Elenco forze sismiche nodali allo SND

Nodo	cx	cy	Fx <daN>	Fy <daN>	Nodo	cx	cy	Fx <daN>	Fy <daN>	Nodo	cx	cy	Fx <daN>	Fy <daN>	Nodo	cx	cy	Fx <daN>	Fy <daN>	Nodo	cx	cy	Fx <daN>	Fy <daN>
-80	0.02	0.02	47.80	47.80	-79	0.01	0.01	21.86	21.86	-78	0.02	0.02	46.38	46.38	-77	0.01	0.01	21.21	21.21	-76	0.01	0.01	22.51	22.51
-75	0.02	0.02	49.22	49.22	-74	0.01	0.01	22.51	22.51	-73	0.02	0.02	49.22	49.22	-72	0.02	0.02	47.84	47.84	-71	0.01	0.01	14.82	14.82
-70	0.01	0.01	32.40	32.40	-69	0.01	0.01	14.82	14.82	-68	0.01	0.01	32.40	32.40	-67	0.01	0.01	21.88	21.88	-66	0.01	0.01	21.25	21.25
-65	0.02	0.02	46.46	46.46	-64	0.01	0.01	21.25	21.25	-63	0.02	0.02	46.46	46.46	-62	0.01	0.01	21.25	21.25	-61	0.02	0.02	46.46	46.46
-60	0.01	0.01	21.25	21.25	-59	0.02	0.02	46.46	46.46	-58	0.01	0.01	14.19	14.19	-57	0.01	0.01	31.02	31.02	-56	0.01	0.01	14.17	14.17
-55	0.01	0.01	30.98	30.98	-54	0.01	0.01	21.21	21.21	-53	0.02	0.02	46.38	46.38	-52	0.01	0.01	21.21	21.21	-51	0.02	0.02	46.38	46.38
-50	0.01	0.01	21.21	21.21	-49	0.02	0.02	46.38	46.38	-48	0.01	0.01	21.21	21.21	-47	0.02	0.02	46.38	46.38	-45	0.05	0.05	127.29	127.29
-29	0.03	0.03	81.03	81.03	-26	0.03	0.03	81.03	81.03	-18	0.02	0.02	51.87	51.87	-15	0.03	0.03	76.24	76.24	-14	0.03	0.03	76.24	76.24
-13	0.03	0.03	76.24	76.24	-12	0.03	0.03	76.24	76.24	-11	0.02	0.02	51.95	51.95	-10	0.02	0.02	51.89	51.89	-9	0.03	0.03	76.11	76.11
-8	0.03	0.03	76.11	76.11	-7	0.03	0.03	76.11	76.11	-6	0.03	0.03	76.11	76.11	-3	0.02	0.02	51.87	51.87	201	0.03	0.03	76.11	76.11
202	0.02	0.02	53.69	53.69	203	0.05	0.05	127.36	127.36															

Totali forze sismiche

Fx <daN>	Fy <daN>
2439.92	2439.92

Domanda in duttilità di curvatura

Direzione X μ_{Edx}=1.20
Direzione Y μ_{Edy}=1.20

Reazioni vincolari

Simbologia
CC = Numero della combinazione delle condizioni di carico elementari
Fx = Reazione vincolare (forza) in dir. X
Fy = Reazione vincolare (forza) in dir. Y
Fz = Reazione vincolare (forza) in dir. Z
Mx = Reazione vincolare (momento) intorno all'asse X
My = Reazione vincolare (momento) intorno all'asse Y
Mz = Reazione vincolare (momento) intorno all'asse Z
Nodo = Numero del nodo
TCC = Tipo di combinazione di carico
SLU = Stato limite ultimo
SLE R = Stato limite d'esercizio, combinazione rara
SLE F = Stato limite d'esercizio, combinazione frequente
SLE Q = Stato limite d'esercizio, combinazione quasi permanente
SLD = Stato limite di danno
SND = Stato limite di salvaguardia della vita (non dissipativo)

Nodo		CC	TCC	Fx <daN>	CC	TCC	Fy <daN>	CC	TCC	Fz <daN>	CC	TCC	Mx <daNm>	CC	TCC	My <daNm>	CC	TCC	Mz <daNm>
2	Max	5	SND	897.96	21	SLU	3414.48	28	SLU	4354.62	28	SLU	7870.44	5	SND	1684.59	28	SLU	1.27
2	Min	1	SND	-1107.96	28	SLU	-2405.46	21	SLU	317.23	21	SLU	-11171.80	21	SLU	-1937.71	1	SND	-1.80
3	Max	5	SND	797.32	21	SLU	2945.98	28	SLU	3780.41	28	SLU	6905.20	5	SND	1574.37	21	SLU	0.72
3	Min	1	SND	-684.59	28	SLU	-2075.41	21	SLU	250.53	21	SLU	-9801.71	28	SLU	-1475.60	1	SND	-0.51
315	Max	5	SND	744.64	21	SLU	3260.61	28	SLU	4160.11	28	SLU	7591.57	5	SND	1517.62	21	SLU	2.34
315	Min	1	SND	-647.37	28	SLU	-2297.06	21	SLU	244.65	21	SLU	-10776.00	28	SLU	-1435.74	1	SND	-1.65

Sollecitazioni aste

Simbologia
Asta = Numero dell'asta
CC = Numero della combinazione delle condizioni di carico elementari
Mx = Momento torcente intorno all'asse X
My = Momento flettente intorno all'asse Y
Mz = Momento flettente intorno all'asse Z
N = Sforzo normale
N1 = Nodo1
N2 = Nodo2
Ty = Taglio in dir. Y
Tz = Taglio in dir. Z
X = Coordinata progressiva rispetto al nodo iniziale

Tipo di combinazione di carico: SND

Asta	N1	N2		X <cm>	N <daN>	CC	Ty <daN>	CC	Mz <daNm>	CC	Tz <daN>	CC	My <daNm>	CC	Mx <daNm>	CC
1	315	-45	Max	0.00	-1468.98	1	647.37	1	1517.62	5	829.30	9	2906.97	15	0.48	11
1	315	-45	Max	330.00	-1279.75	1	647.37	1	700.58	1	829.30	9	172.57	13	0.48	11
1	315	-45	Min.	0.00	-1906.11	5	-744.64	5	-1435.74	1	-829.30	15	-2906.97	9	-0.48	13
1	315	-45	Min.	330.00	-1716.87	5	-744.64	5	-939.71	5	-829.30	15	-172.57	11	-0.48	13
2	2	202	Max	0.00	-1723.86	1	1107.96	1	1684.59	5	865.72	9	3005.11	15	0.43	13
2	2	202	Max	330.00	-1534.62	1	1107.96	1	1718.57	1	865.72	9	148.67	13	0.43	13
2	2	202	Min.	0.00	-1856.27	5	-897.96	5	-1937.71	1	-865.72	15	-3005.11	9	-0.43	11
2	2	202	Min.	330.00	-1667.04	5	-897.96	5	-1278.68	5	-865.72	15	-148.67	11	-0.43	11
3	3	203	Max	0.00	-1259.65	5	684.59	1	1574.37	5	758.82	11	2675.35	13	0.30	11
3	3	203	Max	330.00	-1070.41	5	684.59	1	783.55	1	758.82	11	173.94	15	0.30	11
3	3	203	Min.	0.00	-1829.19	1	-797.32	5	-1475.60	1	-758.82	13	-2675.36	11	-0.30	13
3	3	203	Min.	330.00	-1639.95	1	-797.32	5	-1056.78	5	-758.82	13	-173.95	9	-0.30	13
201	-3	-29	Max	0.00	99.09	5	99.09	9	15.13	1	-157.50	1	21.60	1	21.60	9
201	-3	-29	Max	144.80	99.09	5	99.09	9	148.02	9	-227.34	1	-257.02	1	21.60	9
201	-3	-29	Min.	0.00	-99.09	1	-99.09	13	-15.13	5	-157.50	1	-21.60	5	-21.60	13
201	-3	-29	Min.	144.80	-99.09	1	-99.09	13	-148.02	15	-227.34	1	-300.23	5	-21.60	13
201	-29	-45	Max	0.00	251.86	5	251.86	9	154.91	9	-454.17	1	-224.20	1	54.42	9
201	-29	-45	Max	144.80	251.86	5	251.86	9	519.60	9	-524.01	1	-932.41	1	54.42	9
201	-29	-45	Min.	0.00	-251.86	1	-251.86	13	-154.91	15	-454.17	1	-333.05	5	-54.42	13
201	-29	-45	Min.	144.80	-251.86	1	-251.86	13	-519.60	15	-524.01	1	-1041.25	5	-54.42	13
202	-45	201	Max	0.00	198.55	1	380.48	15	526.67	9	971.89	5	-199.96	1	86.27	13
202	-45	201	Max	132.57	198.55	1	380.48	15	34.03	1	907.95	5	466.58	1	86.27	13
202	-45	201	Min.	0.00	-295.83	5	-380.48	9	-526.67	15	534.76	1	-2012.83	5	-86.28	11
202	-45	201	Min.	132.57	-295.83	5	-380.48	9	-34.03	7	470.83	1	-766.81	5	-86.28	11
202	201	-6	Max	0.00	54.85	1	236.78	15	55.68	1	692.83	5	497.51	1	55.35	13
202	201	-6	Max	132.57	54.85	1	236.78	15	298.02	13	628.89	5	794.11	1	55.35	13
202	201	-6	Min.	0.00	-152.13	5	-236.78	9	-55.68	7	255.71	1	-797.73	5	-55.35	11
202	201	-6	Min.	132.57	-152.13	5	-236.78	9	-298.02	11	191.77	1	78.36	7	-55.35	11
202	-6	-7	Max	0.00	-8.43	7	93.08	15	304.51	13	413.78	5	825.03	1	24.43	13
202	-6	-7	Max	132.57	-8.43	7	93.08	15	409.79	13	349.84	5	751.70	1	24.43	13
202	-6	-7	Min.	0.00	-88.85	1	-93.08	9	-304.51	11	-23.35	1	47.41	7	-24.43	11
202	-6	-7	Min.	132.57	-88.85	1	-93.08	9	-409.79	11	-87.28	1	553.56	5	-24.43	11
202	-7	-8	Max	0.00	135.27	5	64.28	11	416.29	13	134.72	5	782.62	1	8.78	9
202	-7	-8	Max	132.57	135.27	5	64.28	11	331.07	13	70.78	5	658.87	5	8.78	9
202	-7	-8	Min.	0.00	-232.54	1	-64.28	13	-416.29	11	-302.40	1	522.65	5	-8.78	15
202	-7	-8	Min.	132.57	-232.54	1	-64.28	13	-331.07	11	-366.34	1	339.36	1	-8.78	15
202	-8	-9	Max	0.00	278.97	5	207.99	11	337.56	13	-144.34	5	627.94	5	39.71	9
202	-8	-9	Max	132.57	278.97	5	207.99	11	64.33	15	-208.27	5	394.22	5	39.71	9
202	-8	-9	Min.	0.00	-376.24	1	-207.99	13	-337.56	11	-581.46	1	370.27	1	-39.70	15
202	-8	-9	Min.	132.57	-376.24	1	-207.99	13	-64.33	9	-645.40	1	-442.93	1	-39.70	15
202	-9	-10	Max	0.00	422.67	5	351.68	11	68.35	13	-423.39	5	363.31	5	70.63	9
202	-9	-10	Max	132.57	422.67	5	351.68	11	397.86	11	-487.32	5	-240.34	7	70.63	9
202	-9	-10	Min.	0.00	-519.94	1	-351.68	13	-68.35	11	-860.51	1	-411.96	1	-70.63	15
202	-9	-10	Min.	132.57	-519.94	1	-351.68	13	-397.86	13	-924.45	1	-1595.09	1	-70.63	15
202	-10	202	Max	0.00	519.70	5	448.72	11	394.59	9	-638.97	5	-261.01	5	91.29	9
202	-10	202	Max	20.00	519.70	5	448.72	11	483.28	11	-648.62	5	-389.77	5	91.29	9
202	-10	202	Min.	0.00	-616.98	1	-448.72	13	-394.59	15	-1076.09	1	-1574.47	1	-91.28	15
202	-10	202	Min.	20.00	-616.98	1	-448.72	13	-483.28	13	-1085.74	1	-1790.66	1	-91.28	15
203	202	-11	Max	0.00	437.29	1	376.98	15	482.85	11	1018.42	5	-72.09	1	59.67	13
203	202	-11	Max	20.00	437.29	1	376.98	15	410.23	11	1008.77	5	16.73	1	59.67	13
203	202	-11	Min.	0.00	-324.56	5	-376.98	9	-482.85	13	448.88	1	-1668.44	5	-59.67	11
203	202	-11	Min.	20.00	-324.56	5	-376.98	9	-410.23	13	439.24	1	-1465.72	5	-59.67	11
203	-11	-12	Max	0.00	340.13	1	279.82	15	410.15	9	856.97	5	37.41	1	38.99	13
203	-11	-12	Max	132.90	340.13	1	279.82	15	52.51	11	792.87	5	376.81	1	38.99	13
203	-11	-12	Min.	0.00	-227.41	5	-279.82	9	-410.15	15	287.43	1	-1486.40	5	-38.99	11
203	-11	-12	Min.	132.90	-227.41	5	-279.82	9	-52.51	13	223.33	1	-390.08	5	-38.99	11
203	-12	-13	Max	0.00	196.19	1	135.87	15	46.00	11	577.43	5	407.78	1	8.01	13
203	-12	-13	Max	16.37					1.44	1			408.43	1		
203	-12	-13	Max	132.90	196.19	1	135.87	15	135.80	15	513.34	5	375.69	1	8.01	13
203	-12	-13	Min.	0.00	-83.46	5	-135.87	9	-46.00	13	7.90	1	-421.06	5	-8.01	11
203	-12	-13	Min.	16.37					1.44	1			408.43	1		
203	-12	-13	Min.	132.90	-83.46	5	-135.87	9	-135.80	9	-56.20	1	303.76	5	-8.01	11
203	-13	-14	Max	0.00	60.49	5	27.71	5	129.29	15	297.90	5	406.66	1	25.67	9
203	-13	-14	Max	132.90	60.49	5	27.71	5	118.56	15	233.80	5	626.10	5	25.67	9
203	-13	-14	Min.	0.00	52.24	1	-27.71	3	-129.29	9	-271.64	1	272.78	5	-25.67	15
203	-13	-14	Min.	132.90	52.24	1	-27.71	3	-118.56	9	-335.74	1	3.06	1	-25.67	15
203	-14	-15	Max	0.00	204.43	5	165.94	11	112.05	15	18.36	7	595.12	5	56.65	9
203	-14	-15	Max	38.08					15.53	5			598.62	5		
203	-14	-15	Max	132.90	204.43	5	165.94	11	120.67	11	-45.73	7	576.93	5	56.65	9
203	-14	-15	Min.	0.00	-91.70	1	-165.94	13	-112.05	9	-551.17	1	34.04	1	-56.65	15
203	-14	-15	Min.	38.08					15.53	5			598.62	5		
203	-14	-15	Min.	132.90	-91.70	1	-165.94	13	-120.67	13	-615.27	1	-741.07	1	-56.65	15
203	-15	203	Max	0.00	348.38	5	309.88	11	114.16	11	-261.17	5	545.96	5	87.63	9
203	-15	203	Max	132.90	348.38	5	309.88	11	526.00	11	-325.27	5	156.27	7	87.63	9
203	-15	203	Min.	0.00	-235.65	1	-309.88	13	-114.16	13	-830.71	1	-710.09	1	-87.62	15
203	-15	203	Min.	132.90	-235.65	1	-309.88	13	-526.00	13	-894.81	1	-1856.70	1	-87.62	15
204	203	-26	Max	0.00	251.86	1	251.86	13	519.60	11	524.01	1	-932.40	5	54.42	13
204	203	-26	Max	144.80	251.86	1	251.86	13	154.91	11	454.17	1	-224.20	5	54.42	13
204	203	-26	Min.	0.00	-251.86	5	-251.86	9	-519.60	13	524.01	1	-1041.25	1	-54.42	9
204	203	-26	Min.	144.80	-251.86	5	-251.86	9	-154.91	13	454.17	1	-333.05	1	-54.42	9
204	-26	-18	Max	0.00	99.09	1	99.09	13	148.02	11	227.34	1	-257.02	5	21.60	13
204	-26	-18	Max	144.80	99.09	1	99.09	13	15.13	7	157.50	1	21.60	5	21.60	13

204	-26	-18	Min.	0.00	-99.09	5	-99.09	9	-148.02	13	227.34	1	-300.23	1	-21.60	9
204	-26	-18	Min.	144.80	-99.09	5	-99.09	9	-15.13	1	157.50	1	-21.60	1	-21.60	9
301	-45	-79	Max	0.00	103.05	13	21.86	5	32.79	1	81.28	9	-31.33	13	0.00	1
301	-45	-79	Max	138.75					0.74	13			0.21	13		
301	-45	-79	Max	150.00	32.85	13	21.86	5	0.00	1	32.13	9	0.00	13	0.00	1
301	-45	-79	Min.	0.00	77.97	9	-21.86	1	-32.79	5	45.46	13	-85.06	9	0.00	1
301	-45	-79	Min.	138.75					0.74	13			0.21	13		
301	-45	-79	Min.	150.00	7.77	9	-21.86	1	0.00	5	-3.69	13	0.00	9	0.00	1
301	-80	-45	Max	0.00	7.11	9	47.80	1	0.00	1	24.93	13	0.00	11	0.00	7
301	-80	-45	Max	76.10					10.91	13			9.49	13		
301	-80	-45	Max	150.00	-63.09	9	47.80	1	71.70	1	-24.22	13	0.54	13	0.00	7
301	-80	-45	Min.	0.00	-47.73	13	-47.80	5	0.00	1	-53.38	9	0.00	13	0.00	1
301	-80	-45	Min.	76.10					10.91	13			9.49	13		
301	-80	-45	Min.	150.00	-117.92	13	-47.80	5	-71.70	5	-102.53	9	-116.93	9	0.00	1
302	-3	-69	Max	0.00	73.01	13	14.82	5	22.23	1	57.31	9	-21.24	13	0.00	1
302	-3	-69	Max	131.27					0.83	13			0.44	13		
302	-3	-69	Max	150.00	19.10	13	14.82	5	0.00	1	19.56	9	0.00	13	0.00	1
302	-3	-69	Min.	0.00	56.01	9	-14.82	1	-22.23	5	33.03	13	-57.65	9	0.00	1
302	-3	-69	Min.	131.27					0.83	13			0.44	13		
302	-3	-69	Min.	150.00	2.10	9	-14.82	1	0.00	5	-4.71	13	0.00	9	0.00	1
302	-68	-3	Max	0.00	7.98	9	32.40	1	0.00	5	19.12	13	0.00	15	0.00	1
302	-68	-3	Max	75.97					7.38	13			7.26	13		
302	-68	-3	Max	150.00	-45.92	9	32.40	1	48.60	1	-18.63	13	0.37	13	0.00	1
302	-68	-3	Min.	0.00	-29.19	13	-32.40	5	0.00	3	-33.97	9	0.00	9	0.00	7
302	-68	-3	Min.	2.13					0.69	3			0.01	3		
302	-68	-3	Min.	150.00	-83.09	13	-32.40	5	-48.60	5	-71.71	9	-79.26	9	0.00	7
303	-29	-76	Max	0.00	105.82	13	22.51	5	33.77	1	83.49	9	-32.27	13	0.00	1
303	-29	-76	Max	139.27					0.72	13			0.19	13		
303	-29	-76	Max	150.00	34.12	13	22.51	5	0.00	1	33.29	9	0.00	13	0.00	1
303	-29	-76	Min.	0.00	79.99	9	-22.51	1	-33.77	5	46.61	13	-87.59	9	0.00	1
303	-29	-76	Min.	139.27					0.72	13			0.19	13		
303	-29	-76	Min.	150.00	8.30	9	-22.51	1	0.00	5	-3.59	13	0.00	9	0.00	1
303	-75	-29	Max	0.00	7.03	9	49.22	1	0.00	3	25.47	13	0.00	9	0.00	7
303	-75	-29	Max	76.10					11.24	13			9.69	13		
303	-75	-29	Max	150.00	-64.67	9	49.22	1	73.83	1	-24.73	13	0.55	13	0.00	7
303	-75	-29	Min.	0.00	-49.44	13	-49.22	5	0.00	5	-55.17	9	0.00	13	0.00	1
303	-75	-29	Min.	76.10					11.24	13			9.69	13		
303	-75	-29	Min.	150.00	-121.14	13	-49.22	5	-73.83	5	-105.37	9	-120.41	9	0.00	1
304	201	-77	Max	0.00	100.27	13	21.21	5	31.82	1	79.07	9	-30.40	13	0.00	1
304	201	-77	Max	138.21					0.75	13			0.22	13		
304	201	-77	Max	150.00	31.58	13	21.21	5	0.00	1	30.97	9	0.00	13	0.00	1
304	201	-77	Min.	0.00	75.94	9	-21.21	1	-31.82	5	44.32	13	-82.53	9	0.00	1
304	201	-77	Min.	138.21					0.75	13			0.22	13		
304	201	-77	Min.	150.00	7.25	9	-21.21	1	0.00	5	-3.78	13	0.00	9	0.00	1
304	-78	201	Max	0.00	7.19	9	46.38	1	0.00	5	24.40	13	0.00	13	0.00	7
304	-78	201	Max	76.09					10.59	13			9.28	13		
304	-78	201	Max	150.00	-61.50	9	46.38	1	69.57	1	-23.70	13	0.52	13	0.00	7
304	-78	201	Min.	0.00	-46.02	13	-46.38	5	0.00	3	-51.59	9	0.00	11	0.00	1
304	-78	201	Min.	76.09					10.59	13			9.28	13		
304	-78	201	Min.	150.00	-114.71	13	-46.38	5	-69.57	5	-99.69	9	-113.46	9	0.00	1
305	-6	-48	Max	0.00	100.27	13	21.21	5	31.82	1	79.07	9	-30.40	13	0.00	1
305	-6	-48	Max	138.21					0.75	13			0.22	13		
305	-6	-48	Max	150.00	31.58	13	21.21	5	0.00	1	30.97	9	0.00	13	0.00	1
305	-6	-48	Min.	0.00	75.94	9	-21.21	1	-31.82	5	44.32	13	-82.53	9	0.00	1
305	-6	-48	Min.	138.21					0.75	13			0.22	13		
305	-6	-48	Min.	150.00	7.25	9	-21.21	1	0.00	5	-3.78	13	0.00	9	0.00	1
305	-47	-6	Max	0.00	7.19	9	46.38	1	0.00	3	24.40	13	0.00	9	0.00	3
305	-47	-6	Max	76.09					10.59	13			9.28	13		
305	-47	-6	Max	150.00	-61.50	9	46.38	1	69.57	1	-23.70	13	0.52	13	0.00	3
305	-47	-6	Min.	0.00	-46.02	13	-46.38	5	0.00	5	-51.59	9	0.00	13	0.00	5
305	-47	-6	Min.	76.09					10.59	13			9.28	13		
305	-47	-6	Min.	150.00	-114.71	13	-46.38	5	-69.57	5	-99.69	9	-113.46	9	0.00	5
306	-7	-50	Max	0.00	100.27	13	21.21	5	31.82	1	79.07	9	-30.40	13	0.00	1
306	-7	-50	Max	138.21					0.75	13			0.22	13		
306	-7	-50	Max	150.00	31.58	13	21.21	5	0.00	1	30.97	9	0.00	13	0.00	1
306	-7	-50	Min.	0.00	75.94	9	-21.21	1	-31.82	5	44.32	13	-82.53	9	0.00	1
306	-7	-50	Min.	138.21					0.75	13			0.22	13		
306	-7	-50	Min.	150.00	7.25	9	-21.21	1	0.00	5	-3.78	13	0.00	9	0.00	1
306	-49	-7	Max	0.00	7.19	9	46.38	1	0.00	5	24.40	13	0.00	1	0.00	5
306	-49	-7	Max	76.09					10.59	13			9.28	13		
306	-49	-7	Max	150.00	-61.50	9	46.38	1	69.57	1	-23.70	13	0.52	13	0.00	5
306	-49	-7	Min.	0.00	-46.02	13	-46.38	5	0.00	1	-51.59	9	0.00	5	0.00	1
306	-49	-7	Min.	76.09					10.59	13			9.28	13		
306	-49	-7	Min.	150.00	-114.71	13	-46.38	5	-69.57	5	-99.69	9	-113.46	9	0.00	1
307	-8	-52	Max	0.00	100.27	13	21.21	5	31.82	1	79.07	9	-30.40	13	0.00	1
307	-8	-52	Max	138.21					0.75	13			0.22	13		
307	-8	-52	Max	150.00	31.58	13	21.21	5	0.00	1	30.97	9	0.00	13	0.00	1
307	-8	-52	Min.	0.00	75.94	9	-21.21	1	-31.82	5	44.32	13	-82.53	9	0.00	1
307	-8	-52	Min.	138.21					0.75	13			0.22	13		
307	-8	-52	Min.	150.00	7.25	9	-21.21	1	0.00	5	-3.78	13	0.00	9	0.00	1
307	-51	-8	Max	0.00	7.19	9	46.38	1	0.00	1	24.40	13	0.00	1	0.00	5
307	-51	-8	Max	76.09					10.59	13			9.28	13		
307	-51	-8	Max	150.00	-61.50	9	46.38	1	69.57	1	-23.70	13	0.52	13	0.00	5
307	-51	-8	Min.	0.00	-46.02	13	-46.38	5	0.00	5	-51.59	9	0.00	5	0.00	1
307	-51	-8	Min.	76.09					10.59	13			9.28	13		
307	-51	-8	Min.	150.00	-114.71	13	-46.38	5	-69.57	5	-99.69	9	-113.46	9	0.00	1
308	-9	-54	Max	0.00	100.27	13	21.21	5	31.82	1	79.07	9	-30.40	13	0.00	1
308	-9	-54	Max	138.21					0.75	13			0.22	13		
308	-9	-54	Max	150.00	31.58	13	21.21	5	0.00	1	30.97	9	0.00	13	0.00	1
308	-9	-54	Min.	0.00	75.94	9	-21.21	1	-31.82	5	44.32	13	-82.53	9	0.00	1
308	-9	-54	Min.	138.21					0.75	13			0.22	13		
308	-9	-54	Min.	150.00	7.25	9	-21.21	1	0.00	5	-3.78	13	0.00	9	0.00	1
308	-53	-9	Max	0.00	7.19	9	46.38	1	0.00	5	24.40	13	0.00	5	0.00	1
308	-53	-9	Max	76.09					10.59	13			9.28	13		
308	-53	-9	Max	150.00	-61.50	9	46.38	1	69.57	1	-23.70	13	0.52	13	0.00	1
308	-53	-9	Min.	0.00	-46.02	13	-46.38	5	0.00	1	-51.59	9	0.00	1	0.00	5
308	-53	-9	Min.	76.09					10.59	13			9.28	13		
308	-53	-9	Min.	150.00	-114.71	13	-46.38	5	-69.57	5	-99.69	9	-113.46	9	0.00	5
309	-10	-56	Max	0.00	70.24	13	14.17	5	21.25	1	55.10	9	-20.31	13	0.00	1
309	-10	-56	Max	130.34					0.84	13			0.47	13		
309	-10	-56	Max	150.00	17.84	13	14.17	5	0.00	1	18.40	9	0.00	13	0.00	1

309	-10	-56	Min.	0.00	53.98	9	-14.17	1	-21.25	5	31.88	13	-55.13	9	0.00	1
309	-10	-56	Min.	130.34					0.84	13			0.47	13		
309	-10	-56	Min.	150.00	1.58	9	-14.17	1	0.00	5	-4.81	13	0.00	9	0.00	1
309	-55	-10	Max	0.00	8.06	9	30.98	1	0.00	5	18.58	13	0.00	9	0.00	7
309	-55	-10	Max	75.95					7.06	13			7.06	13		
309	-55	-10	Max	150.00	-44.34	9	30.98	1	46.47	1	-18.11	13	0.35	13	0.00	7
309	-55	-10	Min.	0.00	-27.48	13	-30.98	5	0.00	1	-32.17	9	0.00	13	0.00	1
309	-55	-10	Min.	3.38					1.05	3			0.01	3		
309	-55	-10	Min.	150.00	-79.88	13	-30.98	5	-46.47	5	-68.87	9	-75.78	9	0.00	1
310	-11	-58	Max	0.00	70.31	13	14.19	5	21.28	1	55.16	9	-20.33	13	0.00	1
310	-11	-58	Max	130.37					0.84	13			0.47	13		
310	-11	-58	Max	150.00	17.87	13	14.19	5	0.00	1	18.44	9	0.00	13	0.00	1
310	-11	-58	Min.	0.00	54.04	9	-14.19	1	-21.28	5	31.91	13	-55.19	9	0.00	1
310	-11	-58	Min.	130.37					0.84	13			0.47	13		
310	-11	-58	Min.	150.00	1.60	9	-14.19	1	0.00	5	-4.81	13	0.00	9	0.00	1
310	-57	-11	Max	0.00	8.06	9	31.02	1	0.00	9	18.59	13	0.00	11	0.00	7
310	-57	-11	Max	75.95					7.07	13			7.06	13		
310	-57	-11	Max	150.00	-44.38	9	31.02	1	46.53	1	-18.13	13	0.35	13	0.00	7
310	-57	-11	Min.	0.00	-27.52	13	-31.02	5	0.00	13	-32.22	9	0.00	13	0.00	1
310	-57	-11	Min.	3.38					1.05	3			0.01	3		
310	-57	-11	Min.	150.00	-79.97	13	-31.02	5	-46.53	5	-68.94	9	-75.88	9	0.00	1
311	-12	-60	Max	0.00	100.42	13	21.25	5	31.87	1	79.19	9	-30.45	13	0.00	1
311	-12	-60	Max	138.24					0.75	13			0.22	13		
311	-12	-60	Max	150.00	31.65	13	21.25	5	0.00	1	31.04	9	0.00	13	0.00	1
311	-12	-60	Min.	0.00	76.05	9	-21.25	1	-31.87	5	44.38	13	-82.67	9	0.00	1
311	-12	-60	Min.	138.24					0.75	13			0.22	13		
311	-12	-60	Min.	150.00	7.28	9	-21.25	1	0.00	5	-3.78	13	0.00	9	0.00	1
311	-59	-12	Max	0.00	7.18	9	46.46	1	0.00	1	24.43	13	0.00	1	0.00	1
311	-59	-12	Max	76.09					10.60	13			9.29	13		
311	-59	-12	Max	150.00	-61.59	9	46.46	1	69.69	1	-23.73	13	0.52	13	0.00	1
311	-59	-12	Min.	0.00	-46.11	13	-46.46	5	0.00	5	-51.69	9	0.00	5	0.00	5
311	-59	-12	Min.	76.09					10.60	13			9.29	13		
311	-59	-12	Min.	150.00	-114.89	13	-46.46	5	-69.69	5	-99.84	9	-113.64	9	0.00	5
312	-13	-62	Max	0.00	100.42	13	21.25	5	31.87	1	79.19	9	-30.45	13	0.00	1
312	-13	-62	Max	138.24					0.75	13			0.22	13		
312	-13	-62	Max	150.00	31.65	13	21.25	5	0.00	1	31.04	9	0.00	13	0.00	1
312	-13	-62	Min.	0.00	76.05	9	-21.25	1	-31.87	5	44.38	13	-82.67	9	0.00	1
312	-13	-62	Min.	138.24					0.75	13			0.22	13		
312	-13	-62	Min.	150.00	7.28	9	-21.25	1	0.00	5	-3.78	13	0.00	9	0.00	1
312	-61	-13	Max	0.00	7.18	9	46.46	1	0.00	5	24.43	13	0.00	5	0.00	1
312	-61	-13	Max	76.09					10.60	13			9.29	13		
312	-61	-13	Max	150.00	-61.59	9	46.46	1	69.69	1	-23.73	13	0.52	13	0.00	1
312	-61	-13	Min.	0.00	-46.11	13	-46.46	5	0.00	1	-51.69	9	0.00	1	0.00	5
312	-61	-13	Min.	76.09					10.60	13			9.29	13		
312	-61	-13	Min.	150.00	-114.89	13	-46.46	5	-69.69	5	-99.84	9	-113.64	9	0.00	5
313	-14	-64	Max	0.00	100.42	13	21.25	5	31.87	1	79.19	9	-30.45	13	0.00	1
313	-14	-64	Max	138.24					0.75	13			0.22	13		
313	-14	-64	Max	150.00	31.65	13	21.25	5	0.00	1	31.04	9	0.00	13	0.00	1
313	-14	-64	Min.	0.00	76.05	9	-21.25	1	-31.87	5	44.38	13	-82.67	9	0.00	1
313	-14	-64	Min.	138.24					0.75	13			0.22	13		
313	-14	-64	Min.	150.00	7.28	9	-21.25	1	0.00	5	-3.78	13	0.00	9	0.00	1
313	-63	-14	Max	0.00	7.18	9	46.46	1	0.00	1	24.43	13	0.00	15	0.00	3
313	-63	-14	Max	76.09					10.60	13			9.29	13		
313	-63	-14	Max	150.00	-61.59	9	46.46	1	69.69	1	-23.73	13	0.52	13	0.00	3
313	-63	-14	Min.	0.00	-46.11	13	-46.46	5	0.00	7	-51.69	9	0.00	9	0.00	5
313	-63	-14	Min.	76.09					10.60	13			9.29	13		
313	-63	-14	Min.	150.00	-114.89	13	-46.46	5	-69.69	5	-99.84	9	-113.64	9	0.00	5
314	-15	-66	Max	0.00	100.42	13	21.25	5	31.87	1	79.19	9	-30.45	13	0.00	1
314	-15	-66	Max	138.24					0.75	13			0.22	13		
314	-15	-66	Max	150.00	31.65	13	21.25	5	0.00	1	31.04	9	0.00	13	0.00	1
314	-15	-66	Min.	0.00	76.05	9	-21.25	1	-31.87	5	44.38	13	-82.67	9	0.00	1
314	-15	-66	Min.	138.24					0.75	13			0.22	13		
314	-15	-66	Min.	150.00	7.28	9	-21.25	1	0.00	5	-3.78	13	0.00	9	0.00	1
314	-65	-15	Max	0.00	7.18	9	46.46	1	0.00	3	24.43	13	0.00	9	0.00	1
314	-65	-15	Max	76.09					10.60	13			9.29	13		
314	-65	-15	Max	150.00	-61.59	9	46.46	1	69.69	1	-23.73	13	0.52	13	0.00	1
314	-65	-15	Min.	0.00	-46.11	13	-46.46	5	0.00	5	-51.69	9	0.00	13	0.00	7
314	-65	-15	Min.	76.09					10.60	13			9.29	13		
314	-65	-15	Min.	150.00	-114.89	13	-46.46	5	-69.69	5	-99.84	9	-113.64	9	0.00	7
315	203	-67	Max	0.00	103.12	13	21.88	5	32.82	1	81.34	9	-31.36	13	0.00	1
315	203	-67	Max	138.77					0.74	13			0.21	13		
315	203	-67	Max	150.00	32.89	13	21.88	5	0.00	1	32.16	9	0.00	13	0.00	1
315	203	-67	Min.	0.00	78.02	9	-21.88	1	-32.82	5	45.50	13	-85.13	9	0.00	1
315	203	-67	Min.	138.77					0.74	13			0.21	13		
315	203	-67	Min.	150.00	7.79	9	-21.88	1	0.00	5	-3.68	13	0.00	9	0.00	1
315	-72	203	Max	0.00	7.10	9	47.84	1	0.00	3	24.95	13	0.00	13	0.00	5
315	-72	203	Max	76.10					10.92	13			9.49	13		
315	-72	203	Max	150.00	-63.13	9	47.84	1	71.76	1	-24.23	13	0.54	13	0.00	5
315	-72	203	Min.	0.00	-47.78	13	-47.84	5	0.00	5	-53.43	9	0.00	9	0.00	1
315	-72	203	Min.	76.10					10.92	13			9.49	13		
315	-72	203	Min.	150.00	-118.01	13	-47.84	5	-71.76	5	-102.61	9	-117.03	9	0.00	1
316	-26	-74	Max	0.00	105.82	13	22.51	5	33.77	1	83.49	9	-32.27	13	0.00	1
316	-26	-74	Max	139.27					0.72	13			0.19	13		
316	-26	-74	Max	150.00	34.12	13	22.51	5	0.00	1	33.29	9	0.00	13	0.00	1
316	-26	-74	Min.	0.00	79.99	9	-22.51	1	-33.77	5	46.61	13	-87.59	9	0.00	1
316	-26	-74	Min.	139.27					0.72	13			0.19	13		
316	-26	-74	Min.	150.00	8.30	9	-22.51	1	0.00	5	-3.59	13	0.00	9	0.00	1
316	-73	-26	Max	0.00	7.03	9	49.22	1	0.00	3	25.47	13	0.00	11	0.00	5
316	-73	-26	Max	76.10					11.24	13			9.69	13		
316	-73	-26	Max	150.00	-64.67	9	49.22	1	73.83	1	-24.73	13	0.55	13	0.00	5
316	-73	-26	Min.	0.00	-49.44	13	-49.22	5	0.00	5	-55.17	9	0.00	13	0.00	3
316	-73	-26	Min.	76.10					11.24	13			9.69	13		
316	-73	-26	Min.	150.00	-121.14	13	-49.22	5	-73.83	5	-105.37	9	-120.41	9	0.00	3
317	-18	-71	Max	0.00	73.01	13	14.82	5	22.23	1	57.31	9	-21.24	13	0.00	1
317	-18	-71	Max	131.27					0.83	13			0.44	13		
317	-18	-71	Max	150.00	19.10	13	14.82	5	0.00	1	19.56	9	0.00	13	0.00	1
317	-18	-71	Min.	0.00	56.01	9	-14.82	1	-22.23	5	33.03	13	-57.65	9	0.00	1
317	-18	-71	Min.	131.27					0.83	13			0.44	13		
317	-18	-71	Min.	150.00	2.10	9	-14.82	1	0.00	5	-4.71	13	0.00	9	0.00	1
317	-70	-18	Max	0.00	7.98	9	32.40	1	0.00	5	19.12	13	0.00	5	0.00	1
317	-70	-18	Max	75.97					7.38	13			7.26	13		

317	-70	-18	Max	150.00	-45.92	9	32.40	1	48.60	1	-18.63	13	0.37	13	0.00	1	
317	-70	-18	Min.	0.00	-29.19	13	-32.40	5	0.00	1	-33.97	9	0.00	1	0.00	5	
317	-70	-18	Min.	2.13					0.69	3			0.01	3			
317	-70	-18	Min.	150.00	-83.09	13	-32.40	5	-48.60	5	-71.71	9	-79.26	9	0.00	5	

Tipo di combinazione di carico: SLD

Asta	N1	N2		X <cm>	N <daN>	CC	Ty <daN>	CC	Mz <daNm>	CC	Tz <daN>	CC	My <daNm>	CC	Mx <daNm>	CC
1	315	-45	Max	0.00	-1597.85	2	236.99	2	646.94	6	340.33	10	1192.96	16	0.20	12
1	315	-45	Max	330.00	-1408.62	2	236.99	2	217.01	2	340.33	10	70.82	14	0.20	12
1	315	-45	Min.	0.00	-1777.24	6	-334.26	6	-565.06	2	-340.33	16	-1192.97	10	-0.20	14
1	315	-45	Min.	330.00	-1588.00	6	-334.26	6	-456.13	6	-340.33	16	-70.82	12	-0.20	14
2	2	202	Max	0.00	-1762.90	2	516.60	2	616.70	6	355.27	10	1233.24	16	0.18	14
2	2	202	Max	330.00	-1573.66	2	516.60	2	834.95	2	355.27	10	61.01	14	0.18	14
2	2	202	Min.	0.00	-1817.24	6	-306.59	6	-869.82	2	-355.27	16	-1233.24	10	-0.18	12
2	2	202	Min.	330.00	-1628.00	6	-306.59	6	-395.06	6	-355.27	16	-61.01	12	-0.18	12
3	3	203	Max	0.00	-1427.55	6	247.71	2	675.21	6	311.41	12	1097.91	14	0.12	12
3	3	203	Max	330.00	-1238.32	6	247.71	2	241.00	2	311.41	12	71.38	16	0.12	12
3	3	203	Min.	0.00	-1661.28	2	-360.44	6	-576.44	2	-311.41	14	-1097.92	12	-0.12	14
3	3	203	Min.	330.00	-1472.04	2	-360.44	6	-514.23	6	-311.41	14	-71.39	10	-0.12	14
201	-3	-29	Max	0.00	40.66	6	40.66	10	6.21	2	-157.50	2	8.87	2	8.87	10
201	-3	-29	Max	144.80	40.66	6	40.66	10	60.74	10	-227.34	2	-269.76	2	8.87	10
201	-3	-29	Min.	0.00	-40.66	2	-40.66	14	-6.21	6	-157.50	2	-8.87	6	-8.87	14
201	-3	-29	Min.	144.80	-40.66	2	-40.66	14	-60.74	16	-227.34	2	-287.49	6	-8.87	14
201	-29	-45	Max	0.00	103.36	6	103.36	10	63.57	10	-454.17	2	-256.29	2	22.33	10
201	-29	-45	Max	144.80	103.36	6	103.36	10	213.23	10	-524.01	2	-964.50	2	22.33	10
201	-29	-45	Min.	0.00	-103.36	2	-103.36	14	-63.57	16	-454.17	2	-300.96	6	-22.33	14
201	-29	-45	Min.	144.80	-103.36	2	-103.36	14	-213.23	16	-524.01	2	-1009.16	6	-22.33	14
202	-45	201	Max	0.00	52.80	2	156.14	16	216.13	10	843.02	6	-734.41	2	35.40	14
202	-45	201	Max	132.57	52.80	2	156.14	16	13.97	2	779.08	6	102.97	2	35.40	14
202	-45	201	Min.	0.00	-150.08	6	-156.14	10	-216.13	16	663.63	2	-1478.38	6	-35.41	12
202	-45	201	Min.	132.57	-150.08	6	-156.14	10	-13.97	8	599.69	2	-403.19	6	-35.41	12
202	201	-6	Max	0.00	-6.17	4	97.17	16	22.85	2	563.96	6	115.66	2	22.71	14
202	201	-6	Max	132.57	-6.17	4	97.17	16	122.30	14	500.03	6	583.10	2	22.71	14
202	201	-6	Min.	0.00	-91.11	6	-97.17	10	-22.85	8	384.58	2	-415.88	6	-22.72	12
202	201	-6	Min.	132.57	-91.11	6	-97.17	10	-122.30	12	320.64	2	289.37	6	-22.72	12
202	-6	-7	Max	0.00	-32.14	6	38.20	16	124.97	14	284.91	6	595.78	2	10.02	14
202	-6	-7	Max	132.57	-32.14	6	38.20	16	168.17	14	220.97	6	693.29	2	10.02	14
202	-6	-7	Min.	0.00	-65.14	2	-38.20	10	-124.97	12	105.52	2	276.66	6	-10.02	12
202	-6	-7	Min.	132.57	-65.14	2	-38.20	10	-168.17	12	41.59	2	611.97	6	-10.02	12
202	-7	-8	Max	0.00	26.83	6	26.38	12	170.84	14	5.85	8	705.98	2	3.60	10
202	-7	-8	Max	12.14					-62.18	6			599.65	6		
202	-7	-8	Max	132.57	26.83	6	26.38	12	135.86	14	-58.08	6	564.67	6	3.60	10
202	-7	-8	Min.	0.00	-124.11	2	-26.38	14	-170.84	12	-173.53	2	599.29	6	-3.60	16
202	-7	-8	Min.	12.14					-62.18	6			599.65	6		
202	-7	-8	Min.	132.57	-124.11	2	-26.38	14	-135.86	12	-237.47	2	433.55	2	-3.60	16
202	-8	-9	Max	0.00	85.81	6	85.35	12	138.53	14	-273.20	6	551.98	6	16.29	10
202	-8	-9	Max	132.57	85.81	6	85.35	12	26.40	16	-337.14	6	147.42	6	16.29	10
202	-8	-9	Min.	0.00	-183.08	2	-85.35	14	-138.53	12	-452.59	2	446.23	2	-16.29	16
202	-8	-9	Min.	132.57	-183.08	2	-85.35	14	-26.40	10	-516.53	2	-196.13	2	-16.29	16
202	-9	-10	Max	0.00	144.78	6	144.32	12	28.05	14	-552.25	6	134.75	6	28.99	10
202	-9	-10	Max	132.57	144.78	6	144.32	12	163.28	12	-616.19	6	-639.73	6	28.99	10
202	-9	-10	Min.	0.00	-242.05	2	-144.32	14	-28.05	12	-731.64	2	-183.41	2	-28.98	16
202	-9	-10	Min.	132.57	-242.05	2	-144.32	14	-163.28	14	-795.58	2	-1195.70	2	-28.98	16
202	-10	202	Max	0.00	184.60	6	184.15	12	161.93	10	-767.84	6	-648.23	6	37.46	10
202	-10	202	Max	20.00	184.60	6	184.15	12	198.33	12	-777.49	6	-802.76	6	37.46	10
202	-10	202	Min.	0.00	-281.87	2	-184.15	14	-161.93	16	-947.23	2	-1187.25	2	-37.46	16
202	-10	202	Min.	20.00	-281.87	2	-184.15	14	-198.33	14	-956.87	2	-1377.66	2	-37.46	16
203	202	-11	Max	0.00	212.69	2	154.70	16	198.15	12	850.51	6	-542.71	2	24.49	14
203	202	-11	Max	20.00	212.69	2	154.70	16	168.35	12	840.87	6	-420.31	2	24.49	14
203	202	-11	Min.	0.00	-99.96	6	-154.70	10	-198.15	14	616.79	2	-1197.82	6	-24.49	12
203	202	-11	Min.	20.00	-99.96	6	-154.70	10	-168.35	14	607.14	2	-1028.68	6	-24.49	12
203	-11	-12	Max	0.00	172.82	2	114.83	16	168.32	10	689.06	6	-411.83	2	16.00	14
203	-11	-12	Max	132.90	172.82	2	114.83	16	21.55	12	624.97	6	150.72	2	16.00	14
203	-11	-12	Min.	0.00	-60.09	6	-114.83	10	-168.32	16	455.34	2	-1037.17	6	-16.00	12
203	-11	-12	Min.	132.90	-60.09	6	-114.83	10	-21.55	14	391.24	2	-164.00	6	-16.00	12
203	-12	-13	Max	0.00	113.75	2	55.76	16	18.88	12	409.53	6	163.43	2	3.29	14
203	-12	-13	Max	132.90	113.75	2	55.76	16	55.73	16	345.43	6	354.48	2	3.29	14
203	-12	-13	Min.	0.00	-1.02	8	-55.76	10	-18.88	14	175.80	2	-176.71	6	-3.29	12
203	-12	-13	Min.	132.90	-1.02	8	-55.76	10	-55.73	10	111.70	2	324.96	6	-3.29	12
203	-13	-14	Max	0.00	58.06	6	11.37	6	53.06	16	129.99	6	367.19	2	10.54	10
203	-13	-14	Max	99.92					-41.29	12			355.55	12		
203	-13	-14	Max	132.90	58.06	6	11.37	6	48.66	16	65.90	6	442.42	6	10.54	10
203	-13	-14	Min.	0.00	54.67	2	-11.37	4	-53.06	10	-103.73	2	312.25	6	-10.54	16
203	-13	-14	Min.	99.92					-41.29	12			355.55	12		
203	-13	-14	Min.	132.90	54.67	2	-11.37	4	-48.66	10	-167.83	2	186.74	2	-10.54	16
203	-14	-15	Max	0.00	117.13	6	68.10	12	45.98	16	-149.54	6	429.71	6	23.25	10
203	-14	-15	Max	132.90	117.13	6	68.10	12	49.52	12	-213.64	6	188.37	6	23.25	10
203	-14	-15	Min.	0.00	-4.40	2	-68.10	14	-45.98	10	-383.27	2	199.45	2	-23.25	16
203	-14	-15	Min.	132.90	-4.40	2	-68.10	14	-49.52	14	-447.37	2	-352.51	2	-23.25	16
203	-15	203	Max	0.00	176.20	6	127.17	12	46.85	12	-429.08	6	175.66	6	35.96	10
203	-15	203	Max	132.90	176.20	6	127.17	12	215.86	12	-493.17	6	-437.17	6	35.96	10
203	-15	203	Min.	0.00	-63.47	2	-127.17	14	-46.85	14	-662.80	2	-339.80	2	-35.96	16
203	-15	203	Min.	132.90	-63.47	2	-127.17	14	-215.86	14	-726.90	2	-1263.25	2	-35.96	16
204	203	-26	Max	0.00	103.36	2	103.36	14	213.23	12	524.01	2	-964.49	6	22.33	14
204	203	-26	Max	144.80	103.36	2	103.36	14	63.57	12	454.17	2	-256.29	6	22.33	14
204	203	-26	Min.	0.00	-103.36	6	-103.36	10	-213.23	14	524.01	2	-1009.16	2	-22.33	10
204	203	-26	Min.	144.80	-103.36	6	-103.36	10	-63.57	14	454.17	2	-300.96	2	-22.33	10
204	-26	-18	Max	0.00	40.66	2	40.66	14	60.74	12	227.34	2	-269.76	6	8.87	14
204	-26	-18	Max	144.80	40.66	2	40.66	14	6.21	8	157.50	2	8.87	6	8.87	14
204	-26	-18	Min.	0.00	-40.66	6	-40.66	10	-60.74	14	227.34	2	-287.49	2	-8.87	10
204	-26	-18	Min.	144.80	-40.66	6	-40.66	10	-6.21	2	157.50	2	-8.87	2	-8.87	10
301	-45	-79	Max	0.00	95.65	14	8.97	6	13.46	2	70.72	10	-47.17	14	0.00	2
301	-45	-79	Max	150.00	25.46	14	8.97	6	0.00	2	21.57	10	0.00	14	0.00	2
301	-45	-79	Min.	0.00	85.36	10	-8.97	2	-13.46	6	56.02	14	-69.22	10	0.00	2
301	-45	-79	Min.	150.00	15.17	10	-8.97	2	0.00	6	6.87	14	0.00	10	0.00	2
301	-80	-45	Max	0.00	-9.06	10	19.62	2	0.00	2	1.85	14	0.00	12	0.00	8
301	-80	-45	Max	5.64					0.33	14			0.05	14		
301	-80	-45	Max	150.00	-79.25	10	19.62	2	29.43	2	-47.30	14	-34.09	14	0.00	8
301	-80	-45	Min.	0.00	-31.56	14	-19.62	6	0.00	2	-30.29	10	0.00	14	0.00	2

301	-80	-45	Min.	5.64					0.33	14			0.05	14		
301	-80	-45	Min.	150.00	-101.76	14	-19.62	6	-29.43	6	-79.44	10	-82.30	10	0.00	2
302	-3	-69	Max	0.00	68.00	14	6.08	6	9.12	2	50.15	10	-31.97	14	0.00	2
302	-3	-69	Max	150.00	14.09	14	6.08	6	0.00	2	12.41	10	0.00	14	0.00	2
302	-3	-69	Min.	0.00	61.02	10	-6.08	2	-9.12	6	40.19	14	-46.92	10	0.00	2
302	-3	-69	Min.	150.00	7.12	10	-6.08	2	0.00	6	2.44	14	0.00	10	0.00	2
302	-68	-3	Max	0.00	-2.98	10	13.30	2	0.00	6	3.47	14	0.00	16	0.00	2
302	-68	-3	Max	13.78					0.55	14			0.24	14		
302	-68	-3	Max	150.00	-56.88	10	13.30	2	19.94	2	-34.28	14	-23.11	14	0.00	2
302	-68	-3	Min.	0.00	-18.23	14	-13.30	6	0.00	4	-18.32	10	0.00	10	0.00	8
302	-68	-3	Min.	13.78					0.55	14			0.24	14		
302	-68	-3	Min.	150.00	-72.14	14	-13.30	6	-19.94	6	-56.06	10	-55.78	10	0.00	8
303	-29	-76	Max	0.00	98.20	14	9.24	6	13.86	2	72.62	10	-48.58	14	0.00	2
303	-29	-76	Max	150.00	26.51	14	9.24	6	0.00	2	22.42	10	0.00	14	0.00	2
303	-29	-76	Min.	0.00	87.61	10	-9.24	2	-13.86	6	57.48	14	-71.28	10	0.00	2
303	-29	-76	Min.	150.00	15.91	10	-9.24	2	0.00	6	7.28	14	0.00	10	0.00	2
303	-75	-29	Max	0.00	-9.62	10	20.20	2	0.00	4	1.70	14	0.00	10	0.00	8
303	-75	-29	Max	5.07					0.31	14			0.04	14		
303	-75	-29	Max	150.00	-81.32	10	20.20	2	30.30	2	-48.51	14	-35.11	14	0.00	8
303	-75	-29	Min.	0.00	-32.79	14	-20.20	6	0.00	6	-31.40	10	0.00	14	0.00	2
303	-75	-29	Min.	5.07					0.31	14			0.04	14		
303	-75	-29	Min.	150.00	-104.49	14	-20.20	6	-30.30	6	-81.60	10	-84.75	10	0.00	2
304	201	-77	Max	0.00	93.10	14	8.71	6	13.06	2	68.82	10	-45.77	14	0.00	2
304	201	-77	Max	150.00	24.41	14	8.71	6	0.00	2	20.73	10	0.00	14	0.00	2
304	201	-77	Min.	0.00	83.11	10	-8.71	2	-13.06	6	54.56	14	-67.16	10	0.00	2
304	201	-77	Min.	150.00	14.42	10	-8.71	2	0.00	6	6.46	14	0.00	10	0.00	2
304	-78	201	Max	0.00	-8.50	10	19.03	2	0.00	6	2.00	14	0.00	14	0.00	8
304	-78	201	Max	6.22					0.36	14			0.06	14		
304	-78	201	Max	150.00	-77.19	10	19.03	2	28.55	2	-46.10	14	-33.08	14	0.00	8
304	-78	201	Min.	0.00	-30.33	14	-19.03	6	0.00	4	-29.19	10	0.00	12	0.00	2
304	-78	201	Min.	6.22					0.36	14			0.06	14		
304	-78	201	Min.	150.00	-99.02	14	-19.03	6	-28.55	6	-77.28	10	-79.85	10	0.00	2
305	-6	-48	Max	0.00	93.10	14	8.71	6	13.06	2	68.82	10	-45.77	14	0.00	2
305	-6	-48	Max	150.00	24.41	14	8.71	6	0.00	2	20.73	10	0.00	14	0.00	2
305	-6	-48	Min.	0.00	83.11	10	-8.71	2	-13.06	6	54.56	14	-67.16	10	0.00	2
305	-6	-48	Min.	150.00	14.42	10	-8.71	2	0.00	6	6.46	14	0.00	10	0.00	2
305	-47	-6	Max	0.00	-8.50	10	19.03	2	0.00	4	2.00	14	0.00	10	0.00	4
305	-47	-6	Max	6.22					0.36	14			0.06	14		
305	-47	-6	Max	150.00	-77.19	10	19.03	2	28.55	2	-46.10	14	-33.08	14	0.00	4
305	-47	-6	Min.	0.00	-30.33	14	-19.03	6	0.00	6	-29.19	10	0.00	14	0.00	6
305	-47	-6	Min.	6.22					0.36	14			0.06	14		
305	-47	-6	Min.	150.00	-99.02	14	-19.03	6	-28.55	6	-77.28	10	-79.85	10	0.00	6
306	-7	-50	Max	0.00	93.10	14	8.71	6	13.06	2	68.82	10	-45.77	14	0.00	2
306	-7	-50	Max	150.00	24.41	14	8.71	6	0.00	2	20.73	10	0.00	14	0.00	2
306	-7	-50	Min.	0.00	83.11	10	-8.71	2	-13.06	6	54.56	14	-67.16	10	0.00	2
306	-7	-50	Min.	150.00	14.42	10	-8.71	2	0.00	6	6.46	14	0.00	10	0.00	2
306	-49	-7	Max	0.00	-8.50	10	19.03	2	0.00	6	2.00	14	0.00	2	0.00	6
306	-49	-7	Max	6.22					0.36	14			0.06	14		
306	-49	-7	Max	150.00	-77.19	10	19.03	2	28.55	2	-46.10	14	-33.08	14	0.00	6
306	-49	-7	Min.	0.00	-30.33	14	-19.03	6	0.00	2	-29.19	10	0.00	6	0.00	2
306	-49	-7	Min.	6.22					0.36	14			0.06	14		
306	-49	-7	Min.	150.00	-99.02	14	-19.03	6	-28.55	6	-77.28	10	-79.85	10	0.00	2
307	-8	-52	Max	0.00	93.10	14	8.71	6	13.06	2	68.82	10	-45.77	14	0.00	2
307	-8	-52	Max	150.00	24.41	14	8.71	6	0.00	2	20.73	10	0.00	14	0.00	2
307	-8	-52	Min.	0.00	83.11	10	-8.71	2	-13.06	6	54.56	14	-67.16	10	0.00	2
307	-8	-52	Min.	150.00	14.42	10	-8.71	2	0.00	6	6.46	14	0.00	10	0.00	2
307	-51	-8	Max	0.00	-8.50	10	19.03	2	0.00	2	2.00	14	0.00	2	0.00	6
307	-51	-8	Max	6.22					0.36	14			0.06	14		
307	-51	-8	Max	150.00	-77.19	10	19.03	2	28.55	2	-46.10	14	-33.08	14	0.00	6
307	-51	-8	Min.	0.00	-30.33	14	-19.03	6	0.00	6	-29.19	10	0.00	6	0.00	2
307	-51	-8	Min.	6.22					0.36	14			0.06	14		
307	-51	-8	Min.	150.00	-99.02	14	-19.03	6	-28.55	6	-77.28	10	-79.85	10	0.00	2
308	-9	-54	Max	0.00	93.10	14	8.71	6	13.06	2	68.82	10	-45.77	14	0.00	2
308	-9	-54	Max	150.00	24.41	14	8.71	6	0.00	2	20.73	10	0.00	14	0.00	2
308	-9	-54	Min.	0.00	83.11	10	-8.71	2	-13.06	6	54.56	14	-67.16	10	0.00	2
308	-9	-54	Min.	150.00	14.42	10	-8.71	2	0.00	6	6.46	14	0.00	10	0.00	2
308	-53	-9	Max	0.00	-8.50	10	19.03	2	0.00	6	2.00	14	0.00	6	0.00	2
308	-53	-9	Max	6.22					0.36	14			0.06	14		
308	-53	-9	Max	150.00	-77.19	10	19.03	2	28.55	2	-46.10	14	-33.08	14	0.00	2
308	-53	-9	Min.	0.00	-30.33	14	-19.03	6	0.00	2	-29.19	10	0.00	2	0.00	6
308	-53	-9	Min.	6.22					0.36	14			0.06	14		
308	-53	-9	Min.	150.00	-99.02	14	-19.03	6	-28.55	6	-77.28	10	-79.85	10	0.00	6
309	-10	-56	Max	0.00	65.44	14	5.81	6	8.72	2	48.25	10	-30.57	14	0.00	2
309	-10	-56	Max	150.00	13.04	14	5.81	6	0.00	2	11.56	10	0.00	14	0.00	2
309	-10	-56	Min.	0.00	58.77	10	-5.81	2	-8.72	6	38.73	14	-44.86	10	0.00	2
309	-10	-56	Min.	150.00	6.37	10	-5.81	2	0.00	6	2.03	14	0.00	10	0.00	2
309	-55	-10	Max	0.00	-2.42	10	12.71	2	0.00	6	3.62	14	0.00	10	0.00	8
309	-55	-10	Max	14.78					0.56	14			0.27	14		
309	-55	-10	Max	150.00	-54.82	10	12.71	2	19.07	2	-33.08	14	-22.09	14	0.00	8
309	-55	-10	Min.	0.00	-17.00	14	-12.71	6	0.00	2	-17.21	10	0.00	14	0.00	2
309	-55	-10	Min.	14.78					0.56	14			0.27	14		
309	-55	-10	Min.	150.00	-69.40	14	-12.71	6	-19.07	6	-53.90	10	-53.34	10	0.00	2
310	-11	-58	Max	0.00	65.51	14	5.82	6	8.73	2	48.30	10	-30.61	14	0.00	2
310	-11	-58	Max	150.00	13.07	14	5.82	6	0.00	2	11.58	10	0.00	14	0.00	2
310	-11	-58	Min.	0.00	58.84	10	-5.82	2	-8.73	6	38.77	14	-44.92	10	0.00	2
310	-11	-58	Min.	150.00	6.39	10	-5.82	2	0.00	6	2.05	14	0.00	10	0.00	2
310	-57	-11	Max	0.00	-2.43	10	12.73	2	0.00	10	3.61	14	0.00	12	0.00	8
310	-57	-11	Max	14.76					0.56	14			0.27	14		
310	-57	-11	Max	150.00	-54.87	10	12.73	2	19.09	2	-33.11	14	-22.12	14	0.00	8
310	-57	-11	Min.	0.00	-17.03	14	-12.73	6	0.00	14	-17.24	10	0.00	14	0.00	2
310	-57	-11	Min.	14.76					0.56	14			0.27	14		
310	-57	-11	Min.	150.00	-69.48	14	-12.73	6	-19.09	6	-53.96	10	-53.40	10	0.00	2
311	-12	-60	Max	0.00	93.24	14	8.72	6	13.08	2	68.93	10	-45.85	14	0.00	2
311	-12	-60	Max	150.00	24.47	14	8.72	6	0.00	2	20.77	10	0.00	14	0.00	2
311	-12	-60	Min.	0.00	83.24	10	-8.72	2	-13.08	6	54.64	14	-67.28	10	0.00	2
311	-12	-60	Min.	150.00	14.46	10	-8.72	2	0.00	6	6.49	14	0.00	10	0.00	2
311	-59	-12	Max	0.00	-8.53	10	19.07	2	0.00	2	1.99	14	0.00	2	0.00	2
311	-59	-12	Max	6.19					0.35	14			0.06	14		
311	-59	-12	Max	150.00	-77.30	10	19.07	2	28.60	2	-46.17	14	-33.13	14	0.00	2
311	-59	-12	Min.	0.00	-30.40	14	-19.07	6	0.00	6	-29.25	10	0.00	6	0.00	6
311	-59	-12	Min.	6.19					0.35	14			0.06	14		

311	-59	-12	Min.	150.00	-99.17	14	-19.07	6	-28.60	6	-77.40	10	-79.99	10	0.00	6
312	-13	-62	Max	0.00	93.24	14	8.72	6	13.08	2	68.93	10	-45.85	14	0.00	2
312	-13	-62	Max	150.00	24.47	14	8.72	6	0.00	2	20.77	10	0.00	14	0.00	2
312	-13	-62	Min.	0.00	83.24	10	-8.72	2	-13.08	6	54.64	14	-67.28	10	0.00	2
312	-13	-62	Min.	150.00	14.46	10	-8.72	2	0.00	6	6.49	14	0.00	10	0.00	2
312	-61	-13	Max	0.00	-8.53	10	19.07	2	0.00	6	1.99	14	0.00	6	0.00	2
312	-61	-13	Max	6.19					0.35	14			0.06	14		
312	-61	-13	Max	150.00	-77.30	10	19.07	2	28.60	2	-46.17	14	-33.13	14	0.00	2
312	-61	-13	Min.	0.00	-30.40	14	-19.07	6	0.00	2	-29.25	10	0.00	2	0.00	6
312	-61	-13	Min.	6.19					0.35	14			0.06	14		
312	-61	-13	Min.	150.00	-99.17	14	-19.07	6	-28.60	6	-77.40	10	-79.99	10	0.00	6
313	-14	-64	Max	0.00	93.24	14	8.72	6	13.08	2	68.93	10	-45.85	14	0.00	2
313	-14	-64	Max	150.00	24.47	14	8.72	6	0.00	2	20.77	10	0.00	14	0.00	2
313	-14	-64	Min.	0.00	83.24	10	-8.72	2	-13.08	6	54.64	14	-67.28	10	0.00	2
313	-14	-64	Min.	150.00	14.46	10	-8.72	2	0.00	6	6.49	14	0.00	10	0.00	2
313	-63	-14	Max	0.00	-8.53	10	19.07	2	0.00	2	1.99	14	0.00	16	0.00	4
313	-63	-14	Max	6.19					0.35	14			0.06	14		
313	-63	-14	Max	150.00	-77.30	10	19.07	2	28.60	2	-46.17	14	-33.13	14	0.00	4
313	-63	-14	Min.	0.00	-30.40	14	-19.07	6	0.00	8	-29.25	10	0.00	10	0.00	6
313	-63	-14	Min.	6.19					0.35	14			0.06	14		
313	-63	-14	Min.	150.00	-99.17	14	-19.07	6	-28.60	6	-77.40	10	-79.99	10	0.00	6
314	-15	-66	Max	0.00	93.24	14	8.72	6	13.08	2	68.93	10	-45.85	14	0.00	2
314	-15	-66	Max	150.00	24.47	14	8.72	6	0.00	2	20.77	10	0.00	14	0.00	2
314	-15	-66	Min.	0.00	83.24	10	-8.72	2	-13.08	6	54.64	14	-67.28	10	0.00	2
314	-15	-66	Min.	150.00	14.46	10	-8.72	2	0.00	6	6.49	14	0.00	10	0.00	2
314	-65	-15	Max	0.00	-8.53	10	19.07	2	0.00	4	1.99	14	0.00	10	0.00	2
314	-65	-15	Max	6.19					0.35	14			0.06	14		
314	-65	-15	Max	150.00	-77.30	10	19.07	2	28.60	2	-46.17	14	-33.13	14	0.00	2
314	-65	-15	Min.	0.00	-30.40	14	-19.07	6	0.00	6	-29.25	10	0.00	14	0.00	8
314	-65	-15	Min.	6.19					0.35	14			0.06	14		
314	-65	-15	Min.	150.00	-99.17	14	-19.07	6	-28.60	6	-77.40	10	-79.99	10	0.00	8
315	203	-67	Max	0.00	95.72	14	8.98	6	13.47	2	70.77	10	-47.21	14	0.00	2
315	203	-67	Max	150.00	25.49	14	8.98	6	0.00	2	21.60	10	0.00	14	0.00	2
315	203	-67	Min.	0.00	85.42	10	-8.98	2	-13.47	6	56.06	14	-69.28	10	0.00	2
315	203	-67	Min.	150.00	15.19	10	-8.98	2	0.00	6	6.88	14	0.00	10	0.00	2
315	-72	203	Max	0.00	-9.08	10	19.63	2	0.00	4	1.84	14	0.00	14	0.00	6
315	-72	203	Max	5.62					0.33	14			0.05	14		
315	-72	203	Max	150.00	-79.31	10	19.63	2	29.45	2	-47.34	14	-34.12	14	0.00	6
315	-72	203	Min.	0.00	-31.60	14	-19.63	6	0.00	6	-30.32	10	0.00	10	0.00	2
315	-72	203	Min.	5.62					0.33	14			0.05	14		
315	-72	203	Min.	150.00	-101.83	14	-19.63	6	-29.45	6	-79.50	10	-82.37	10	0.00	2
316	-26	-74	Max	0.00	98.20	14	9.24	6	13.86	2	72.62	10	-48.58	14	0.00	2
316	-26	-74	Max	150.00	26.51	14	9.24	6	0.00	2	22.42	10	0.00	14	0.00	2
316	-26	-74	Min.	0.00	87.61	10	-9.24	2	-13.86	6	57.48	14	-71.28	10	0.00	2
316	-26	-74	Min.	150.00	15.91	10	-9.24	2	0.00	6	7.28	14	0.00	10	0.00	2
316	-73	-26	Max	0.00	-9.62	10	20.20	2	0.00	4	1.70	14	0.00	12	0.00	6
316	-73	-26	Max	5.07					0.31	14			0.04	14		
316	-73	-26	Max	150.00	-81.32	10	20.20	2	30.30	2	-48.51	14	-35.11	14	0.00	6
316	-73	-26	Min.	0.00	-32.79	14	-20.20	6	0.00	6	-31.40	10	0.00	14	0.00	4
316	-73	-26	Min.	5.07					0.31	14			0.04	14		
316	-73	-26	Min.	150.00	-104.49	14	-20.20	6	-30.30	6	-81.60	10	-84.75	10	0.00	4
317	-18	-71	Max	0.00	68.00	14	6.08	6	9.12	2	50.15	10	-31.97	14	0.00	2
317	-18	-71	Max	150.00	14.09	14	6.08	6	0.00	2	12.41	10	0.00	14	0.00	2
317	-18	-71	Min.	0.00	61.02	10	-6.08	2	-9.12	6	40.19	14	-46.92	10	0.00	2
317	-18	-71	Min.	150.00	7.12	10	-6.08	2	0.00	6	2.44	14	0.00	10	0.00	2
317	-70	-18	Max	0.00	-2.98	10	13.30	2	0.00	6	3.47	14	0.00	6	0.00	2
317	-70	-18	Max	13.78					0.55	14			0.24	14		
317	-70	-18	Max	150.00	-56.88	10	13.30	2	19.94	2	-34.28	14	-23.11	14	0.00	2
317	-70	-18	Min.	0.00	-18.23	14	-13.30	6	0.00	2	-18.32	10	0.00	2	0.00	6
317	-70	-18	Min.	13.78					0.55	14			0.24	14		
317	-70	-18	Min.	150.00	-72.14	14	-13.30	6	-19.94	6	-56.06	10	-55.78	10	0.00	6

Tipo di combinazione di carico: SLU

Asta	N1	N2		X <cm>	N <daN>	CC	Ty <daN>	CC	Mz <daNm>	CC	Tz <daN>	CC	My <daNm>	CC	Mx <daNm>	CC
1	315	-45	Max	0.00	-244.65	21	37.75	21	147.09	28	2297.06	28	10776.00	21	1.65	28
1	315	-45	Max	330.00	1.35	21	37.75	21	84.75	21	2297.06	28	15.97	21	1.65	28
1	315	-45	Min.	0.00	-4160.11	28	-165.10	28	-39.83	21	-3260.61	21	-7591.57	28	-2.34	21
1	315	-45	Min.	330.00	-3914.10	28	-165.10	28	-397.73	28	-3260.61	21	-11.25	28	-2.34	21
2	2	202	Max	0.00	-317.23	21	277.83	28	5.08	21	2405.46	28	11171.80	21	1.80	21
2	2	202	Max	330.00	-71.22	21	277.83	28	581.22	28	2405.46	28	67.59	28	1.80	21
2	2	202	Min.	0.00	-4354.62	28	-3.60	21	-335.63	28	-3414.48	21	-7870.44	28	-1.27	28
2	2	202	Min.	330.00	-4108.61	28	-3.60	21	-6.79	21	-3414.48	21	-95.95	21	-1.27	28
3	3	203	Max	0.00	-250.53	21	-34.16	21	90.37	28	2075.41	28	9801.71	21	0.51	28
3	3	203	Max	330.00	-4.52	21	-34.16	21	-74.45	21	2075.41	28	79.99	21	0.51	28
3	3	203	Min.	0.00	-3780.41	28	-112.74	28	38.27	21	-2945.98	21	-6905.20	28	-0.72	21
3	3	203	Min.	330.00	-3534.40	28	-112.74	28	-281.66	28	-2945.98	21	-56.35	28	-0.72	21
201	-3	-29	Max	0.00	0.00	17	240.66	28	0.00	28	-1.79	21	0.00	17	0.00	28
201	-3	-29	Max	144.80	0.00	17	240.66	28	348.47	28	-92.58	21	-68.33	21	0.00	28
201	-3	-29	Min.	0.00	0.00	21	-341.61	21	0.00	21	-409.50	28	0.00	21	0.00	21
201	-3	-29	Min.	144.80	0.00	21	-341.61	21	-494.64	21	-500.29	28	-658.68	28	0.00	21
201	-29	-45	Max	0.00	0.00	17	721.97	28	348.47	28	18.46	21	-68.33	21	0.00	28
201	-29	-45	Max	29.34					-795.27	21			-65.61	21		
201	-29	-45	Max	144.80	0.00	17	721.97	28	1393.89	28	-72.33	21	-107.33	21	0.00	28
201	-29	-45	Min.	0.00	0.00	21	-1024.81	21	-494.64	21	-1204.66	28	-658.68	28	-0.00	21
201	-29	-45	Min.	29.34					-795.27	21			-65.61	21		
201	-29	-45	Min.	144.80	0.00	21	-1024.81	21	-1978.58	21	-1295.45	28	-2468.76	28	-0.00	21
202	-45	201	Max	0.00	37.75	21	1581.45	21	1395.53	28	1939.20	28	-22.58	21	15.97	21
202	-45	201	Max	44.37					-1279.27	21			-16.41	21		
202	-45	201	Max	132.57	37.75	21	1581.45	21	115.56	21	1856.08	28	-40.80	21	15.97	21
202	-45	201	Min.	0.00	-165.10	28	-1114.11	28	-1980.91	21	27.82	21	-2866.49	28	-11.25	28
202	-45	201	Min.	44.37					-1279.27	21			-16.41	21		
202	-45	201	Min.	132.57	-165.10	28	-1114.11	28	-81.41	28	-55.30	21	-350.86	28	-11.25	28
202	201	-6	Max	0.00	37.75	21	955.96	21	115.56	21	1201.53	28	-40.80	21	15.96	21
202	201	-6	Max	58.49					674.68	21			-30.07	21		
202	201	-6	Max	132.57	37.75	21	955.96	21	1382.85	21	1118.41	28	1186.89	28	15.96	21
202	201	-6	Min.	0.00	-165.10	28	-673.46	28	-81.41	28	36.67	21	-350.85	28	-11.25	28
202	201	-6	Min.	58.49					674.68	21			-30.07	21		
202	201	-6	Min.	132.57	-165.10	28	-673.46	28	-974.20	28	-46.45	21	-47.28	21	-11.25	28
202	-6	-7	Max	0.00	37.75	21	330.47	21	1382.81	21	463.87	28	1186.85	28	15.96	21

202	-6	-7	Max	72.61					1622.77	21			-30.75	21		
202	-6	-7	Max	132.57	37.75	21	330.47	21	1820.91	21	380.75	28	1746.69	28	15.96	21
202	-6	-7	Min.	0.00	-165.10	28	-232.81	28	-974.18	28	45.53	21	-47.28	21	-11.25	28
202	-6	-7	Min.	72.61					1622.77	21			-30.75	21		
202	-6	-7	Min.	132.57	-165.10	28	-232.81	28	-1282.81	28	-37.59	21	-42.02	21	-11.25	28
202	-7	-8	Max	0.00	37.75	21	207.84	28	1820.92	21	54.38	21	1746.70	28	15.96	21
202	-7	-8	Max	86.73					1565.06	21			-18.44	21		
202	-7	-8	Max	132.57	37.75	21	207.84	28	1429.83	21	-28.74	21	1328.64	28	15.96	21
202	-7	-8	Min.	0.00	-165.10	28	-295.02	21	-1282.82	28	-273.80	28	-42.02	21	-11.25	28
202	-7	-8	Min.	86.73					1565.06	21			-18.44	21		
202	-7	-8	Min.	132.57	-165.10	28	-295.02	21	-1007.30	28	-356.92	28	-25.02	21	-11.25	28
202	-8	-9	Max	0.00	37.75	21	648.49	28	1429.82	21	63.23	21	1328.63	28	15.96	21
202	-8	-9	Max	100.85					501.53	21			6.86	21		
202	-8	-9	Max	132.57	37.75	21	648.49	28	209.54	21	-19.89	21	3.70	21	15.96	21
202	-8	-9	Min.	0.00	-165.10	28	-920.50	21	-1007.29	28	-1011.47	28	-25.02	21	-11.24	28
202	-8	-9	Min.	100.85					501.53	21			6.86	21		
202	-8	-9	Min.	132.57	-165.10	28	-920.50	21	-147.62	28	-1094.59	28	-67.33	28	-11.24	28
202	-9	-10	Max	0.00	37.75	21	1089.13	28	209.60	21	72.09	21	3.70	21	15.96	21
202	-9	-10	Max	114.97					-1567.86	21			45.14	21		
202	-9	-10	Max	132.57	37.75	21	1089.13	28	1296.17	28	-11.03	21	44.17	21	15.96	21
202	-9	-10	Min.	0.00	-165.10	28	-1545.99	21	-147.66	28	-1749.13	28	-67.26	28	-11.24	28
202	-9	-10	Min.	114.97					-1567.86	21			45.14	21		
202	-9	-10	Min.	132.57	-165.10	28	-1545.99	21	-1839.87	21	-1832.25	28	-2441.11	28	-11.24	28
202	-10	202	Max	0.00	37.75	21	1309.46	28	1296.21	28	-22.36	21	44.17	21	15.96	21
202	-10	202	Max	20.00	37.75	21	1309.46	28	1558.10	28	-34.90	21	38.45	21	15.96	21
202	-10	202	Min.	0.00	-165.10	28	-1858.74	21	-1839.93	21	-2216.83	28	-2441.18	28	-11.24	28
202	-10	202	Min.	20.00	-165.10	28	-1858.74	21	-2211.68	21	-2229.37	28	-2885.80	28	-11.24	28
203	202	-11	Max	0.00	112.74	28	1555.74	21	1556.83	28	1879.24	28	31.66	21	56.34	28
203	202	-11	Max	20.00	112.74	28	1555.74	21	1337.62	28	1866.70	28	37.67	21	56.34	28
203	202	-11	Min.	0.00	34.16	21	-1096.00	28	-2209.87	21	36.32	21	-2304.58	28	-79.98	21
203	202	-11	Min.	20.00	34.16	21	-1096.00	28	-1898.72	21	23.78	21	-1929.98	28	-79.98	21
203	-11	-12	Max	0.00	112.74	28	1242.21	21	1337.63	28	1481.43	28	37.67	21	56.34	28
203	-11	-12	Max	20.28					-1646.76	21			38.96	21		
203	-11	-12	Max	132.90	112.74	28	1242.21	21	174.59	28	1398.11	28	-0.80	21	56.34	28
203	-11	-12	Min.	0.00	34.16	21	-875.12	28	-1898.72	21	12.72	21	-1929.98	28	-79.98	21
203	-11	-12	Min.	20.28					-1646.76	21			38.96	21		
203	-11	-12	Min.	132.90	34.16	21	-875.12	28	-247.82	21	-70.61	21	-16.53	28	-79.98	21
203	-12	-13	Max	0.00	112.74	28	615.15	21	174.59	28	742.20	28	-0.80	21	56.35	28
203	-12	-13	Max	34.90					-33.14	21			3.02	21		
203	-12	-13	Max	132.90	112.74	28	615.15	21	569.72	21	658.88	28	914.49	28	56.35	28
203	-12	-13	Min.	0.00	34.16	21	-433.37	28	-247.82	21	21.88	21	-16.53	28	-79.98	21
203	-12	-13	Min.	34.90					-33.14	21			3.02	21		
203	-12	-13	Min.	132.90	34.16	21	-433.37	28	-401.36	28	-61.45	21	-27.09	21	-79.98	21
203	-13	-14	Max	0.00	112.74	28	8.39	28	569.72	21	31.05	21	914.49	28	56.35	28
203	-13	-14	Max	4.74					-400.96	28			914.56	28		
203	-13	-14	Max	132.90	112.74	28	8.39	28	553.89	21	-52.28	21	863.06	28	56.35	28
203	-13	-14	Min.	0.00	34.16	21	-11.91	21	-401.36	28	2.97	28	-27.09	21	-79.98	21
203	-13	-14	Min.	49.51					563.82	21			-19.40	21		
203	-13	-14	Min.	132.90	34.16	21	-11.91	21	-390.21	28	-80.36	28	-41.20	21	-79.98	21
203	-14	-15	Max	0.00	112.74	28	450.15	28	553.89	21	40.21	21	863.06	28	56.35	28
203	-14	-15	Max	64.13					144.12	21			-28.31	21		
203	-14	-15	Max	132.90	112.74	28	450.15	28	208.03	28	-43.12	21	-43.14	21	56.35	28
203	-14	-15	Min.	0.00	34.16	21	-638.97	21	-390.21	28	-736.26	28	-41.20	21	-79.98	21
203	-14	-15	Min.	64.13					144.12	21			-28.31	21		
203	-14	-15	Min.	132.90	34.16	21	-638.97	21	-295.30	21	-819.59	28	-170.80	28	-79.98	21
203	-15	203	Max	0.00	112.74	28	891.90	28	208.03	28	49.37	21	-43.13	21	56.35	28
203	-15	203	Max	78.75					-1292.25	21			-23.69	21		
203	-15	203	Max	132.90	112.74	28	891.90	28	1393.37	28	-33.95	21	-32.89	21	56.35	28
203	-15	203	Min.	0.00	34.16	21	-1266.03	21	-295.30	21	-1475.49	28	-170.80	28	-79.98	21
203	-15	203	Min.	78.75					-1292.25	21			-23.69	21		
203	-15	203	Min.	132.90	34.16	21	-1266.03	21	-1977.85	21	-1558.82	28	-2187.09	28	-79.98	21
204	203	-26	Max	0.00	0.00	17	1024.81	21	1393.88	28	1295.44	28	-107.33	21	0.00	21
204	203	-26	Max	115.47					-795.27	21			-65.61	21		
204	203	-26	Max	144.80	0.00	17	1024.81	21	348.47	28	1204.66	28	-68.33	21	0.00	21
204	203	-26	Min.	0.00	0.00	21	-721.97	28	-1978.57	21	72.33	21	-2468.75	28	-0.00	28
204	203	-26	Min.	115.47					-795.27	21			-65.61	21		
204	203	-26	Min.	144.80	0.00	21	-721.97	28	-494.64	21	-18.46	21	-658.68	28	-0.00	28
204	-26	-18	Max	0.00	0.00	17	341.60	21	348.47	28	500.29	28	-68.33	21	0.00	21
204	-26	-18	Max	144.80	0.00	17	341.60	21	0.00	21	409.50	28	0.00	28	0.00	21
204	-26	-18	Min.	0.00	0.00	17	-240.66	28	-494.64	21	92.58	21	-658.68	28	0.00	28
204	-26	-18	Min.	144.80	0.00	17	-240.66	28	0.00	28	1.79	21	0.00	21	0.00	28
301	-45	-79	Max	0.00	163.63	29	0.00	17	0.00	17	383.67	28	315.26	21	0.00	17
301	-45	-79	Max	150.00	43.58	29	0.00	17	0.00	17	131.00	28	0.00	17	0.00	17
301	-45	-79	Min.	0.00	146.09	21	0.00	17	0.00	17	-297.12	21	-386.00	28	0.00	17
301	-45	-79	Min.	150.00	37.02	21	0.00	17	0.00	17	-123.23	21	0.00	28	0.00	17
301	-80	-45	Max	0.00	-37.02	28	0.00	17	0.00	17	123.23	21	0.00	28	0.00	17
301	-80	-45	Max	150.00	-146.09	28	0.00	17	0.00	17	297.12	21	315.26	21	0.00	17
301	-80	-45	Min.	0.00	-43.58	22	0.00	17	0.00	17	-131.00	28	0.00	21	0.00	17
301	-80	-45	Min.	150.00	-163.63	22	0.00	17	0.00	17	-383.67	28	-386.00	28	0.00	17
302	-3	-69	Max	0.00	107.86	29	0.00	17	0.00	17	216.01	28	152.80	21	0.00	17
302	-3	-69	Max	150.00	22.75	29	0.00	17	0.00	17	68.39	28	0.00	17	0.00	17
302	-3	-69	Min.	0.00	98.70	21	0.00	17	0.00	17	-139.40	21	-213.30	28	0.00	17
302	-3	-69	Min.	150.00	19.33	21	0.00	17	0.00	17	-64.33	21	0.00	28	0.00	17
302	-68	-3	Max	0.00	-19.33	28	0.00	17	0.00	17	64.33	21	0.00	28	0.00	17
302	-68	-3	Max	150.00	-98.70	28	0.00	17	0.00	17	139.40	21	152.80	21	0.00	17
302	-68	-3	Min.	0.00	-22.75	22	0.00	17	0.00	17	-68.39	28	0.00	21	0.00	17
302	-68	-3	Min.	150.00	-107.86	22	0.00	17	0.00	17	-216.01	28	-213.30	28	0.00	17
303	-29	-76	Max	0.00	168.78	29	0.00	17	0.00	17	399.14	28	330.25	21	0.00	17
303	-29	-76	Max	150.00	45.50	29	0.00	17	0.00	17	136.78	28	0.00	28	0.00	17
303	-29	-76	Min.	0.00	150.46	21	0.00	17	0.00	17	-311.67	21	-401.94	28	0.00	17
303	-29	-76	Min.	150.00	38.65	21	0.00	17	0.00	17	-128.66	21	0.00	21	0.00	17
303	-75	-29	Max	0.00	-38.65	28	0.00	17	0.00	17	128.66	21	0.00	17	0.00	17
303	-75	-29	Max	150.00	-150.46	28	0.00	17	0.00	17	311.67	21	330.25	21	0.00	17
303	-75	-29	Min.	0.00	-45.50	22	0.00	17	0.00	17	-136.78	28	0.00	21	0.00	17
303	-75	-29	Min.	150.00	-168.78	22	0.00	17	0.00	17	-399.14	28	-401.94	28	0.00	17
304	201	-77	Max	0.00	158.49	29	0.00	17	0.00	17	368.19	28	300.27	21	0.00	17
304	201	-77	Max	150.00	41.65	29	0.00	17	0.00	17	125.22	28	0.00	28	0.00	17
304	201	-77	Min.	0.00	141.71	21	0.00	17	0.00	17	-282.56	21	-370.06	28	0.00	17
304	201	-77	Min.	150.00	35.39	21	0.00	17	0.00	17	-117.79	21	0.00	17	0.00	17
304	-78	201	Max	0.00	-35.39	28	0.00	17	0.00	17	117.79	21	0.00	21	0.00	17
304	-78	201	Max	150.00	-141.71	28	0.00	17	0.00	17	282.56	21	300.27	21	0.00	17

304	-78	201	Min.	0.00	-41.65	22	0.00	17	0.00	17	-125.22	28	0.00	28	0.00	17
304	-78	201	Min.	150.00	-158.49	22	0.00	17	0.00	17	-368.19	28	-370.06	28	0.00	17
305	-6	-48	Max	0.00	158.49	29	0.00	17	0.00	17	368.19	28	300.27	21	0.00	17
305	-6	-48	Max	150.00	41.65	29	0.00	17	0.00	17	125.22	28	0.00	28	0.00	17
305	-6	-48	Min.	0.00	141.71	21	0.00	17	0.00	17	-282.56	21	-370.06	28	0.00	17
305	-6	-48	Min.	150.00	35.39	21	0.00	17	0.00	17	-117.79	21	0.00	17	0.00	17
305	-47	-6	Max	0.00	-35.39	28	0.00	17	0.00	21	117.79	21	0.00	17	0.00	17
305	-47	-6	Max	150.00	-141.71	28	0.00	17	0.00	21	282.56	21	300.27	21	0.00	17
305	-47	-6	Min.	0.00	-41.65	22	0.00	17	0.00	17	-125.22	28	0.00	28	0.00	17
305	-47	-6	Min.	150.00	-158.49	22	0.00	17	0.00	17	-368.19	28	-370.06	28	0.00	17
306	-7	-50	Max	0.00	158.49	29	0.00	17	0.00	17	368.19	28	300.27	21	0.00	17
306	-7	-50	Max	150.00	41.65	29	0.00	17	0.00	17	125.22	28	0.00	28	0.00	17
306	-7	-50	Min.	0.00	141.71	21	0.00	17	0.00	17	-282.56	21	-370.06	28	0.00	17
306	-7	-50	Min.	150.00	35.39	21	0.00	17	0.00	17	-117.79	21	0.00	17	0.00	17
306	-49	-7	Max	0.00	-35.39	28	0.00	17	0.00	17	117.79	21	0.00	17	0.00	17
306	-49	-7	Max	150.00	-141.71	28	0.00	17	0.00	17	282.56	21	300.27	21	0.00	17
306	-49	-7	Min.	0.00	-41.65	22	0.00	17	0.00	17	-125.22	28	0.00	21	0.00	17
306	-49	-7	Min.	150.00	-158.49	22	0.00	17	0.00	17	-368.19	28	-370.06	28	0.00	17
307	-8	-52	Max	0.00	158.49	29	0.00	17	0.00	17	368.19	28	300.27	21	0.00	17
307	-8	-52	Max	150.00	41.65	29	0.00	17	0.00	17	125.22	28	0.00	28	0.00	17
307	-8	-52	Min.	0.00	141.71	21	0.00	17	0.00	17	-282.56	21	-370.06	28	0.00	17
307	-8	-52	Min.	150.00	35.39	21	0.00	17	0.00	17	-117.79	21	0.00	17	0.00	17
307	-51	-8	Max	0.00	-35.39	28	0.00	17	0.00	21	117.79	21	0.00	21	0.00	17
307	-51	-8	Max	150.00	-141.71	28	0.00	17	0.00	21	282.56	21	300.27	21	0.00	17
307	-51	-8	Min.	0.00	-41.65	22	0.00	17	0.00	17	-125.22	28	0.00	28	0.00	17
307	-51	-8	Min.	150.00	-158.49	22	0.00	17	0.00	17	-368.19	28	-370.06	28	0.00	17
308	-9	-54	Max	0.00	158.49	29	0.00	17	0.00	17	368.19	28	300.27	21	0.00	17
308	-9	-54	Max	150.00	41.65	29	0.00	17	0.00	17	125.22	28	0.00	28	0.00	17
308	-9	-54	Min.	0.00	141.71	21	0.00	17	0.00	17	-282.56	21	-370.06	28	0.00	17
308	-9	-54	Min.	150.00	35.39	21	0.00	17	0.00	17	-117.79	21	0.00	17	0.00	17
308	-53	-9	Max	0.00	-35.39	28	0.00	17	0.00	17	117.79	21	0.00	17	0.00	17
308	-53	-9	Max	150.00	-141.71	28	0.00	17	0.00	17	282.56	21	300.27	21	0.00	17
308	-53	-9	Min.	0.00	-41.65	22	0.00	17	0.00	17	-125.22	28	0.00	28	0.00	17
308	-53	-9	Min.	150.00	-158.49	22	0.00	17	0.00	17	-368.19	28	-370.06	28	0.00	17
309	-10	-56	Max	0.00	102.72	29	0.00	17	0.00	17	200.53	28	137.81	21	0.00	17
309	-10	-56	Max	150.00	20.83	29	0.00	17	0.00	17	62.61	28	0.00	21	0.00	17
309	-10	-56	Min.	0.00	94.33	21	0.00	17	0.00	17	-124.84	21	-197.36	28	0.00	17
309	-10	-56	Min.	150.00	17.69	21	0.00	17	0.00	17	-58.90	21	0.00	17	0.00	17
309	-55	-10	Max	0.00	-17.69	28	0.00	17	0.00	17	58.90	21	0.00	21	0.00	17
309	-55	-10	Max	150.00	-94.33	28	0.00	17	0.00	17	124.84	21	137.81	21	0.00	17
309	-55	-10	Min.	0.00	-20.83	22	0.00	17	0.00	17	-62.61	28	0.00	28	0.00	17
309	-55	-10	Min.	150.00	-102.72	22	0.00	17	0.00	17	-200.53	28	-197.36	28	0.00	17
310	-11	-58	Max	0.00	102.86	17	0.00	17	0.00	17	200.96	28	138.21	21	0.00	17
310	-11	-58	Max	150.00	20.88	17	0.00	17	0.00	17	62.77	28	0.00	21	0.00	17
310	-11	-58	Min.	0.00	94.45	21	0.00	17	0.00	17	-125.24	21	-197.79	28	0.00	17
310	-11	-58	Min.	150.00	17.74	21	0.00	17	0.00	17	-59.04	21	0.00	28	0.00	17
310	-57	-11	Max	0.00	-17.74	28	0.00	17	0.00	17	59.04	21	0.00	21	0.00	17
310	-57	-11	Max	150.00	-94.45	28	0.00	17	0.00	17	125.24	21	138.21	21	0.00	17
310	-57	-11	Min.	0.00	-20.88	22	0.00	17	0.00	17	-62.77	28	0.00	28	0.00	17
310	-57	-11	Min.	150.00	-102.86	22	0.00	17	0.00	17	-200.96	28	-197.79	28	0.00	17
311	-12	-60	Max	0.00	158.77	29	0.00	17	0.00	17	369.04	28	301.08	21	0.00	17
311	-12	-60	Max	150.00	41.76	29	0.00	17	0.00	17	125.54	28	0.00	21	0.00	17
311	-12	-60	Min.	0.00	141.95	21	0.00	17	0.00	17	-283.35	21	-370.93	28	0.00	17
311	-12	-60	Min.	150.00	35.48	21	0.00	17	0.00	17	-118.09	21	0.00	17	0.00	17
311	-59	-12	Max	0.00	-35.48	28	0.00	17	0.00	17	118.09	21	0.00	28	0.00	17
311	-59	-12	Max	150.00	-141.95	28	0.00	17	0.00	17	283.35	21	301.08	21	0.00	17
311	-59	-12	Min.	0.00	-41.76	22	0.00	17	0.00	17	-125.54	28	0.00	21	0.00	17
311	-59	-12	Min.	150.00	-158.77	22	0.00	17	0.00	17	-369.04	28	-370.93	28	0.00	17
312	-13	-62	Max	0.00	158.77	29	0.00	17	0.00	17	369.04	28	301.08	21	0.00	17
312	-13	-62	Max	150.00	41.76	29	0.00	17	0.00	17	125.54	28	0.00	21	0.00	17
312	-13	-62	Min.	0.00	141.95	21	0.00	17	0.00	17	-283.35	21	-370.93	28	0.00	17
312	-13	-62	Min.	150.00	35.48	21	0.00	17	0.00	17	-118.09	21	0.00	17	0.00	17
312	-61	-13	Max	0.00	-35.48	28	0.00	17	0.00	17	118.09	21	0.00	17	0.00	17
312	-61	-13	Max	150.00	-141.95	28	0.00	17	0.00	17	283.35	21	301.08	21	0.00	17
312	-61	-13	Min.	0.00	-41.76	22	0.00	17	0.00	17	-125.54	28	0.00	28	0.00	17
312	-61	-13	Min.	150.00	-158.77	22	0.00	17	0.00	17	-369.04	28	-370.93	28	0.00	17
313	-14	-64	Max	0.00	158.77	29	0.00	17	0.00	17	369.04	28	301.08	21	0.00	17
313	-14	-64	Max	150.00	41.76	29	0.00	17	0.00	17	125.54	28	0.00	21	0.00	17
313	-14	-64	Min.	0.00	141.95	21	0.00	17	0.00	17	-283.35	21	-370.93	28	0.00	17
313	-14	-64	Min.	150.00	35.48	21	0.00	17	0.00	17	-118.09	21	0.00	17	0.00	17
313	-63	-14	Max	0.00	-35.48	28	0.00	17	0.00	17	118.09	21	0.00	28	0.00	17
313	-63	-14	Max	150.00	-141.95	28	0.00	17	0.00	17	283.35	21	301.08	21	0.00	17
313	-63	-14	Min.	0.00	-41.76	22	0.00	17	0.00	17	-125.54	28	0.00	21	0.00	17
313	-63	-14	Min.	150.00	-158.77	22	0.00	17	0.00	17	-369.04	28	-370.93	28	0.00	17
314	-15	-66	Max	0.00	158.77	29	0.00	17	0.00	17	369.04	28	301.08	21	0.00	17
314	-15	-66	Max	150.00	41.76	29	0.00	17	0.00	17	125.54	28	0.00	21	0.00	17
314	-15	-66	Min.	0.00	141.95	21	0.00	17	0.00	17	-283.35	21	-370.93	28	0.00	17
314	-15	-66	Min.	150.00	35.48	21	0.00	17	0.00	17	-118.09	21	0.00	17	0.00	17
314	-65	-15	Max	0.00	-35.48	28	0.00	17	0.00	17	118.09	21	0.00	21	0.00	17
314	-65	-15	Max	150.00	-141.95	28	0.00	17	0.00	17	283.35	21	301.08	21	0.00	17
314	-65	-15	Min.	0.00	-41.76	22	0.00	17	0.00	17	-125.54	28	0.00	17	0.00	17
314	-65	-15	Min.	150.00	-158.77	22	0.00	17	0.00	17	-369.04	28	-370.93	28	0.00	17
315	203	-67	Max	0.00	163.78	17	0.00	17	0.00	17	384.09	28	315.67	21	0.00	17
315	203	-67	Max	150.00	43.63	17	0.00	17	0.00	17	131.16	28	0.00	21	0.00	17
315	203	-67	Min.	0.00	146.21	21	0.00	17	0.00	17	-297.51	21	-386.43	28	0.00	17
315	203	-67	Min.	150.00	37.07	21	0.00	17	0.00	17	-123.38	21	0.00	28	0.00	17
315	-72	203	Max	0.00	-37.07	28	0.00	17	0.00	17	123.38	21	0.00	28	0.00	17
315	-72	203	Max	150.00	-146.20	28	0.00	17	0.00	17	297.51	21	315.67	21	0.00	17
315	-72	203	Min.	0.00	-43.63	22	0.00	17	0.00	17	-131.16	28	0.00	21	0.00	17
315	-72	203	Min.	150.00	-163.78	22	0.00	17	0.00	17	-384.09	28	-386.43	28	0.00	17
316	-26	-74	Max	0.00	168.78	29	0.00	17	0.00	17	399.14	28	330.25	21	0.00	17
316	-26	-74	Max	150.00	45.50	22	0.00	17	0.00	17	136.78	28	0.00	21	0.00	17
316	-26	-74	Min.	0.00	150.46	21	0.00	17	0.00	17	-311.67	21	-401.94	28	0.00	17
316	-26	-74	Min.	150.00	38.65	28	0.00	17	0.00	17	-128.66	21	0.00	28	0.00	17
316	-73	-26	Max	0.00	-38.65	28	0.00	17	0.00	17	128.66	21	0.00	28	0.00	17
316	-73	-26	Max	150.00	-150.46	28	0.00	17	0.00	17	311.67	21	330.25	21	0.00	17
316	-73	-26	Min.	0.00	-45.50	22	0.00	17	0.00	21	-136.78	28	0.00	17	0.00	17
316	-73	-26	Min.	150.00	-168.78	22	0.00	17	0.00	21	-399.14	28	-401.94	28	0.00	17
317	-18	-71	Max	0.00	107.86	29	0.00	17	0.00	17	216.01	28	152.80	21	0.00	17
317	-18	-71	Max	150.00	22.75	22	0.00	17	0.00	17	68.39	28	0.00	28	0.00	17
317	-18	-71	Min.	0.00	98.70	21	0.00	17	0.00	17	-139.40	21	-213.30	28	0.00	17

317	-18	-71	Min.	150.00	19.33	28	0.00	17	0.00	17	-64.33	21	0.00	21	0.00	17
317	-70	-18	Max	0.00	-19.33	28	0.00	17	0.00	17	64.33	21	0.00	21	0.00	17
317	-70	-18	Max	150.00	-98.70	28	0.00	17	0.00	17	139.40	21	152.80	21	0.00	17
317	-70	-18	Min.	0.00	-22.75	22	0.00	17	0.00	21	-68.39	28	0.00	28	0.00	17
317	-70	-18	Min.	150.00	-107.86	22	0.00	17	0.00	21	-216.01	28	-213.30	28	0.00	17

Tipo di combinazione di carico: SLE R

Asta	N1	N2		X <cm>	N <daN>	CC	Ty <daN>	CC	Mz <daNm>	CC	Tz <daN>	CC	My <daNm>	CC	Mx <daNm>	CC
1	315	-45	Max	0.00	-299.33	23	23.28	23	99.28	30	1531.38	30	7183.99	23	1.10	30
1	315	-45	Max	330.00	-110.09	23	23.28	23	51.50	23	1531.38	30	10.64	23	1.10	30
1	315	-45	Min.	0.00	-2909.63	30	-111.95	30	-25.33	23	-2173.74	23	-5061.04	30	-1.56	23
1	315	-45	Min.	330.00	-2720.40	30	-111.95	30	-270.16	30	-2173.74	23	-7.50	30	-1.56	23
2	2	202	Max	0.00	-358.62	23	192.84	30	-5.76	23	1603.64	30	7447.89	23	1.20	23
2	2	202	Max	330.00	-169.38	23	192.84	30	403.48	30	1603.64	30	45.06	30	1.20	23
2	2	202	Min.	0.00	-3050.21	30	5.22	23	-232.90	30	-2276.32	23	-5246.96	30	-0.85	30
2	2	202	Min.	330.00	-2860.98	30	5.22	23	11.47	23	-2276.32	23	-63.96	23	-0.85	30
3	3	203	Max	0.00	-292.91	23	-28.50	23	65.65	30	1383.61	30	6534.47	23	0.34	30
3	3	203	Max	330.00	-103.67	23	-28.50	23	-63.15	23	1383.61	30	53.32	23	0.34	30
3	3	203	Min.	0.00	-2646.16	30	-80.89	30	30.92	23	-1963.98	23	-4603.47	30	-0.48	23
3	3	203	Min.	330.00	-2456.92	30	-80.89	30	-201.29	30	-1963.98	23	-37.57	30	-0.48	23
201	-3	-29	Max	0.00	0.00	18	160.44	30	0.00	30	-12.95	23	0.00	18	0.00	30
201	-3	-29	Max	144.80	0.00	18	160.44	30	232.31	30	-82.79	23	-69.32	23	0.00	30
201	-3	-29	Min.	0.00	0.00	23	-227.74	23	0.00	23	-284.75	30	0.00	23	0.00	23
201	-3	-29	Min.	144.80	0.00	23	-227.74	23	-329.76	23	-354.59	30	-462.89	30	0.00	23
201	-29	-45	Max	0.00	0.00	18	481.31	30	232.31	30	-20.52	23	-69.32	23	0.00	30
201	-29	-45	Max	144.80	0.00	18	481.31	30	929.26	30	-90.36	23	-149.59	23	0.00	30
201	-29	-45	Min.	0.00	0.00	23	-683.21	23	-329.76	23	-835.93	30	-462.89	30	0.00	23
201	-29	-45	Min.	144.80	0.00	23	-683.21	23	-1319.05	23	-905.77	30	-1723.88	30	0.00	23
202	-45	201	Max	0.00	23.28	23	1054.30	23	930.36	30	1349.90	30	-98.09	23	10.64	23
202	-45	201	Max	132.57	23.28	23	1054.30	23	77.04	23	1285.97	30	-40.18	23	10.64	23
202	-45	201	Min.	0.00	-111.95	30	-742.74	30	-1320.61	23	75.65	23	-1994.03	30	-7.50	30
202	-45	201	Min.	132.57	-111.95	30	-742.74	30	-54.27	30	11.71	23	-246.89	30	-7.50	30
202	201	-6	Max	0.00	23.28	23	637.31	23	77.04	23	837.85	30	-40.18	23	10.64	23
202	201	-6	Max	127.04					886.68	23			-1.26	23		
202	201	-6	Max	132.57	23.28	23	637.31	23	921.90	23	773.91	30	821.44	30	10.64	23
202	201	-6	Min.	0.00	-111.95	30	-448.98	30	-54.28	30	61.27	23	-246.88	30	-7.50	30
202	201	-6	Min.	127.04					886.68	23			-1.26	23		
202	201	-6	Min.	132.57	-111.95	30	-448.98	30	-649.47	30	-2.67	23	-1.34	23	-7.50	30
202	-6	-7	Max	0.00	23.28	23	220.31	23	921.88	23	325.79	30	821.41	30	10.64	23
202	-6	-7	Max	97.23					1136.09	23			21.46	23		
202	-6	-7	Max	132.57	23.28	23	220.31	23	1213.94	23	261.85	30	1210.92	30	10.64	23
202	-6	-7	Min.	0.00	-111.95	30	-155.21	30	-649.45	30	46.90	23	-1.34	23	-7.50	30
202	-6	-7	Min.	97.23					1136.09	23			21.46	23		
202	-6	-7	Min.	132.57	-111.95	30	-155.21	30	-855.21	30	-17.04	23	18.45	23	-7.50	30
202	-7	-8	Max	0.00	23.28	23	138.56	30	1213.95	23	32.51	23	1210.93	30	10.64	23
202	-7	-8	Max	67.41					1081.36	23			29.41	23		
202	-7	-8	Max	132.57	23.28	23	138.56	30	953.22	23	-31.42	23	921.62	30	10.64	23
202	-7	-8	Min.	0.00	-111.95	30	-196.68	23	-855.21	30	-186.27	30	18.45	23	-7.50	30
202	-7	-8	Min.	67.41					1081.36	23			29.41	23		
202	-7	-8	Min.	132.57	-111.95	30	-196.68	23	-671.53	30	-250.21	30	19.17	23	-7.50	30
202	-8	-9	Max	0.00	23.28	23	432.32	30	953.21	23	18.13	23	921.61	30	10.64	23
202	-8	-9	Max	37.60					722.48	23			22.58	23		
202	-8	-9	Max	132.57	23.28	23	432.32	30	139.69	23	-45.80	23	0.83	23	10.64	23
202	-8	-9	Min.	0.00	-111.95	30	-613.67	23	-671.53	30	-698.33	30	19.17	23	-7.50	30
202	-8	-9	Min.	37.60					722.48	23			22.58	23		
202	-8	-9	Min.	132.57	-111.95	30	-613.67	23	-98.41	30	-762.27	30	-46.53	30	-7.50	30
202	-9	-10	Max	0.00	23.28	23	726.09	30	139.73	23	3.76	23	0.84	23	10.64	23
202	-9	-10	Max	7.79					59.42	23			0.98	23		
202	-9	-10	Max	132.57	23.28	23	726.09	30	864.11	30	-60.18	23	-36.56	23	10.64	23
202	-9	-10	Min.	0.00	-111.95	30	-1030.66	23	-98.44	30	-1210.39	30	-46.48	30	-7.50	30
202	-9	-10	Min.	7.79					59.42	23			0.98	23		
202	-9	-10	Min.	132.57	-111.95	30	-1030.66	23	-1226.58	23	-1274.32	30	-1693.42	30	-7.50	30
202	-10	202	Max	0.00	23.28	23	872.97	30	864.14	30	-79.49	23	-36.56	23	10.64	23
202	-10	202	Max	20.00	23.28	23	872.97	30	1038.74	30	-89.13	23	-53.43	23	10.64	23
202	-10	202	Min.	0.00	-111.95	30	-1239.16	23	-1226.62	23	-1542.47	30	-1693.47	30	-7.50	30
202	-10	202	Min.	20.00	-111.95	30	-1239.16	23	-1474.45	23	-1552.12	30	-2002.93	30	-7.50	30
203	202	-11	Max	0.00	80.89	30	1037.16	23	1037.89	30	1308.86	30	-41.96	23	37.56	30
203	202	-11	Max	20.00	80.89	30	1037.16	23	891.75	30	1299.21	30	-26.87	23	37.56	30
203	202	-11	Min.	0.00	28.50	23	-730.67	30	-1473.24	23	80.25	23	-1599.45	30	-53.32	23
203	202	-11	Min.	20.00	28.50	23	-730.67	30	-1265.81	23	70.60	23	-1338.64	30	-53.32	23
203	-11	-12	Max	0.00	80.89	30	828.14	23	891.75	30	1030.61	30	-26.87	23	37.56	30
203	-11	-12	Max	106.69					-382.23	23			0.59	23		
203	-11	-12	Max	132.90	80.89	30	828.14	23	116.39	30	966.52	30	-1.06	23	37.56	30
203	-11	-12	Min.	0.00	28.50	23	-583.42	30	-1265.81	23	51.47	23	-1338.64	30	-53.32	23
203	-11	-12	Min.	106.69					-382.23	23			0.59	23		
203	-11	-12	Min.	132.90	28.50	23	-583.42	30	-165.21	23	-12.63	23	-11.55	30	-53.32	23
203	-12	-13	Max	0.00	80.89	30	410.10	23	116.39	30	517.49	30	-1.06	23	37.56	30
203	-12	-13	Max	77.29					151.76	23			13.34	23		
203	-12	-13	Max	132.90	80.89	30	410.10	23	379.81	23	453.39	30	633.61	30	37.56	30
203	-12	-13	Min.	0.00	28.50	23	-288.91	30	-165.21	23	37.28	23	-11.55	30	-53.32	23
203	-12	-13	Min.	77.29					151.76	23			13.34	23		
203	-12	-13	Min.	132.90	28.50	23	-288.91	30	-267.57	30	-26.82	23	5.89	23	-53.32	23
203	-13	-14	Max	0.00	80.89	30	5.59	30	379.81	23	23.08	23	633.61	30	37.56	30
203	-13	-14	Max	9.06					-267.07	30			633.80	30		
203	-13	-14	Max	132.90	80.89	30	5.59	30	369.26	23	-41.01	23	596.82	30	37.56	30
203	-13	-14	Min.	0.00	28.50	23	-7.94	23	-267.57	30	4.37	30	5.89	23	-53.32	23
203	-13	-14	Min.	47.86					376.01	23			11.41	23		
203	-13	-14	Min.	132.90	28.50	23	-7.94	23	-260.14	30	-59.73	30	-6.03	23	-53.32	23
203	-14	-15	Max	0.00	80.89	30	300.10	30	369.26	23	8.89	23	596.82	30	37.57	30
203	-14	-15	Max	18.43					290.73	23			-5.21	23		
203	-14	-15	Max	132.90	80.89	30	300.10	30	138.69	30	-55.21	23	-36.80	23	37.57	30
203	-14	-15	Min.	0.00	28.50	23	-425.98	23	-260.14	30	-508.75	30	-6.03	23	-53.32	23
203	-14	-15	Min.	18.43					290.73	23			-5.21	23		
203	-14	-15	Min.	132.90	28.50	23	-425.98	23	-196.87	23	-572.85	30	-121.91	30	-53.32	23
203	-15	203	Max	0.00	80.89	30	594.60	30	138.69	30	-5.30	23	-36.80	23	37.57	30
203	-15	203	Max	132.90	80.89	30	594.60	30	928.92	30	-69.40	23	-86.44	23	37.57	30
203	-15	203	Min.	0.00	28.50	23	-844.02	23	-196.87	23	-1021.88	30	-121.91	30	-53.32	23
203	-15	203	Min.	132.90	28.50	23	-844.02	23	-1318.57	23	-1085.98	30	-1522.58	30	-53.32	23
204	203	-26	Max	0.00	0.00	18	683.21	23	929.25	30	905.76	30	-149.59	23	0.00	23

204	203	-26	Max	144.80	0.00	18	683.21	23	232.31	30	835.93	30	-69.32	23	0.00	23
204	203	-26	Min.	0.00	0.00	23	-481.31	30	-1319.05	23	90.36	23	-1723.87	30	-0.00	30
204	203	-26	Min.	144.80	0.00	23	-481.31	30	-329.76	23	20.52	23	-462.89	30	-0.00	30
204	-26	-18	Max	0.00	0.00	18	227.74	23	232.31	30	354.59	30	-69.32	23	0.00	23
204	-26	-18	Max	144.80	0.00	18	227.74	23	0.00	23	284.75	30	0.00	30	0.00	23
204	-26	-18	Min.	0.00	0.00	18	-160.44	30	-329.76	23	82.79	23	-462.89	30	0.00	30
204	-26	-18	Min.	144.80	0.00	18	-160.44	30	0.00	30	12.95	23	0.00	23	0.00	30
301	-45	-79	Max	0.00	113.91	31	0.00	18	0.00	18	259.15	30	207.64	23	0.00	18
301	-45	-79	Max	150.00	29.05	31	0.00	18	0.00	18	87.33	30	0.00	18	0.00	18
301	-45	-79	Min.	0.00	102.21	23	0.00	18	0.00	18	-194.71	23	-259.86	30	0.00	18
301	-45	-79	Min.	150.00	24.68	23	0.00	18	0.00	18	-82.15	23	0.00	30	0.00	18
301	-80	-45	Max	0.00	-24.68	30	0.00	18	0.00	18	82.15	23	0.00	30	0.00	18
301	-80	-45	Max	150.00	-102.20	30	0.00	18	0.00	18	194.71	23	207.64	23	0.00	18
301	-80	-45	Min.	0.00	-29.05	24	0.00	18	0.00	18	-87.33	30	0.00	23	0.00	18
301	-80	-45	Min.	150.00	-113.91	24	0.00	18	0.00	18	-259.15	30	-259.86	30	0.00	18
302	-3	-69	Max	0.00	76.72	31	0.00	18	0.00	18	147.38	30	99.34	23	0.00	18
302	-3	-69	Max	150.00	15.17	31	0.00	18	0.00	18	45.59	30	0.00	18	0.00	18
302	-3	-69	Min.	0.00	70.62	23	0.00	18	0.00	18	-89.56	23	-144.73	30	0.00	18
302	-3	-69	Min.	150.00	12.88	23	0.00	18	0.00	18	-42.89	23	0.00	30	0.00	18
302	-68	-3	Max	0.00	-12.88	30	0.00	18	0.00	18	42.89	23	0.00	30	0.00	18
302	-68	-3	Max	150.00	-70.62	30	0.00	18	0.00	18	89.56	23	99.34	23	0.00	18
302	-68	-3	Min.	0.00	-15.17	24	0.00	18	0.00	18	-45.59	30	0.00	23	0.00	18
302	-68	-3	Min.	150.00	-76.72	24	0.00	18	0.00	18	-147.38	30	-144.73	30	0.00	18
303	-29	-76	Max	0.00	117.34	31	0.00	18	0.00	18	269.46	30	217.64	23	0.00	18
303	-29	-76	Max	150.00	30.33	31	0.00	18	0.00	18	91.18	30	0.00	30	0.00	18
303	-29	-76	Min.	0.00	105.12	23	0.00	18	0.00	18	-204.41	23	-270.49	30	0.00	18
303	-29	-76	Min.	150.00	25.77	23	0.00	18	0.00	18	-85.78	23	0.00	23	0.00	18
303	-75	-29	Max	0.00	-25.77	30	0.00	18	0.00	18	85.78	23	0.00	18	0.00	18
303	-75	-29	Max	150.00	-105.12	30	0.00	18	0.00	18	204.41	23	217.64	23	0.00	18
303	-75	-29	Min.	0.00	-30.33	24	0.00	18	0.00	18	-91.18	30	0.00	23	0.00	18
303	-75	-29	Min.	150.00	-117.34	24	0.00	18	0.00	18	-269.46	30	-270.49	30	0.00	18
304	201	-77	Max	0.00	110.47	31	0.00	18	0.00	18	248.84	30	197.65	23	0.00	18
304	201	-77	Max	150.00	27.77	31	0.00	18	0.00	18	83.48	30	0.00	30	0.00	18
304	201	-77	Min.	0.00	99.29	23	0.00	18	0.00	18	-185.00	23	-249.24	30	0.00	18
304	201	-77	Min.	150.00	23.59	23	0.00	18	0.00	18	-78.53	23	0.00	18	0.00	18
304	-78	201	Max	0.00	-23.59	30	0.00	18	0.00	18	78.53	23	0.00	23	0.00	18
304	-78	201	Max	150.00	-99.29	30	0.00	18	0.00	18	185.00	23	197.65	23	0.00	18
304	-78	201	Min.	0.00	-27.77	24	0.00	18	0.00	18	-83.48	30	0.00	30	0.00	18
304	-78	201	Min.	150.00	-110.47	24	0.00	18	0.00	18	-248.84	30	-249.24	30	0.00	18
305	-6	-48	Max	0.00	110.47	31	0.00	18	0.00	18	248.84	30	197.65	23	0.00	18
305	-6	-48	Max	150.00	27.77	31	0.00	18	0.00	18	83.48	30	0.00	30	0.00	18
305	-6	-48	Min.	0.00	99.29	23	0.00	18	0.00	18	-185.00	23	-249.24	30	0.00	18
305	-6	-48	Min.	150.00	23.59	23	0.00	18	0.00	18	-78.53	23	0.00	18	0.00	18
305	-47	-6	Max	0.00	-23.59	30	0.00	18	0.00	23	78.53	23	0.00	18	0.00	18
305	-47	-6	Max	150.00	-99.29	30	0.00	18	0.00	23	185.00	23	197.65	23	0.00	18
305	-47	-6	Min.	0.00	-27.77	24	0.00	18	0.00	18	-83.48	30	0.00	30	0.00	18
305	-47	-6	Min.	150.00	-110.47	24	0.00	18	0.00	18	-248.84	30	-249.24	30	0.00	18
306	-7	-50	Max	0.00	110.47	31	0.00	18	0.00	18	248.84	30	197.65	23	0.00	18
306	-7	-50	Max	150.00	27.77	31	0.00	18	0.00	18	83.48	30	0.00	30	0.00	18
306	-7	-50	Min.	0.00	99.29	23	0.00	18	0.00	18	-185.00	23	-249.24	30	0.00	18
306	-7	-50	Min.	150.00	23.59	23	0.00	18	0.00	18	-78.53	23	0.00	18	0.00	18
306	-49	-7	Max	0.00	-23.59	30	0.00	18	0.00	18	78.53	23	0.00	18	0.00	18
306	-49	-7	Max	150.00	-99.29	30	0.00	18	0.00	18	185.00	23	197.65	23	0.00	18
306	-49	-7	Min.	0.00	-27.77	24	0.00	18	0.00	18	-83.48	30	0.00	23	0.00	18
306	-49	-7	Min.	150.00	-110.47	24	0.00	18	0.00	18	-248.84	30	-249.24	30	0.00	18
307	-8	-52	Max	0.00	110.47	31	0.00	18	0.00	18	248.84	30	197.65	23	0.00	18
307	-8	-52	Max	150.00	27.77	31	0.00	18	0.00	18	83.48	30	0.00	30	0.00	18
307	-8	-52	Min.	0.00	99.29	23	0.00	18	0.00	18	-185.00	23	-249.24	30	0.00	18
307	-8	-52	Min.	150.00	23.59	23	0.00	18	0.00	18	-78.53	23	0.00	18	0.00	18
307	-51	-8	Max	0.00	-23.59	30	0.00	18	0.00	23	78.53	23	0.00	23	0.00	18
307	-51	-8	Max	150.00	-99.29	30	0.00	18	0.00	23	185.00	23	197.65	23	0.00	18
307	-51	-8	Min.	0.00	-27.77	24	0.00	18	0.00	18	-83.48	30	0.00	30	0.00	18
307	-51	-8	Min.	150.00	-110.47	24	0.00	18	0.00	18	-248.84	30	-249.24	30	0.00	18
308	-9	-54	Max	0.00	110.47	31	0.00	18	0.00	18	248.84	30	197.65	23	0.00	18
308	-9	-54	Max	150.00	27.77	31	0.00	18	0.00	18	83.48	30	0.00	30	0.00	18
308	-9	-54	Min.	0.00	99.29	23	0.00	18	0.00	18	-185.00	23	-249.24	30	0.00	18
308	-9	-54	Min.	150.00	23.59	23	0.00	18	0.00	18	-78.53	23	0.00	18	0.00	18
308	-53	-9	Max	0.00	-23.59	30	0.00	18	0.00	18	78.53	23	0.00	18	0.00	18
308	-53	-9	Max	150.00	-99.29	30	0.00	18	0.00	18	185.00	23	197.65	23	0.00	18
308	-53	-9	Min.	0.00	-27.77	24	0.00	18	0.00	18	-83.48	30	0.00	30	0.00	18
308	-53	-9	Min.	150.00	-110.47	24	0.00	18	0.00	18	-248.84	30	-249.24	30	0.00	18
309	-10	-56	Max	0.00	73.29	31	0.00	18	0.00	18	137.06	30	89.34	23	0.00	18
309	-10	-56	Max	150.00	13.88	31	0.00	18	0.00	18	41.74	30	0.00	23	0.00	18
309	-10	-56	Min.	0.00	67.70	23	0.00	18	0.00	18	-79.86	23	-134.10	30	0.00	18
309	-10	-56	Min.	150.00	11.80	23	0.00	18	0.00	18	-39.26	23	0.00	18	0.00	18
309	-55	-10	Max	0.00	-11.80	30	0.00	18	0.00	18	39.26	23	0.00	23	0.00	18
309	-55	-10	Max	150.00	-67.70	30	0.00	18	0.00	18	79.86	23	89.34	23	0.00	18
309	-55	-10	Min.	0.00	-13.88	24	0.00	18	0.00	18	-41.74	30	0.00	30	0.00	18
309	-55	-10	Min.	150.00	-73.29	24	0.00	18	0.00	18	-137.06	30	-134.10	30	0.00	18
310	-11	-58	Max	0.00	73.39	18	0.00	18	0.00	18	137.34	30	89.61	23	0.00	18
310	-11	-58	Max	150.00	13.92	18	0.00	18	0.00	18	41.85	30	0.00	23	0.00	18
310	-11	-58	Min.	0.00	67.78	23	0.00	18	0.00	18	-80.12	23	-134.39	30	0.00	18
310	-11	-58	Min.	150.00	11.83	23	0.00	18	0.00	18	-39.36	23	0.00	30	0.00	18
310	-57	-11	Max	0.00	-11.83	30	0.00	18	0.00	18	39.36	23	0.00	23	0.00	18
310	-57	-11	Max	150.00	-67.78	30	0.00	18	0.00	18	80.12	23	89.61	23	0.00	18
310	-57	-11	Min.	0.00	-13.92	24	0.00	18	0.00	18	-41.85	30	0.00	30	0.00	18
310	-57	-11	Min.	150.00	-73.39	24	0.00	18	0.00	18	-137.34	30	-134.39	30	0.00	18
311	-12	-60	Max	0.00	110.66	31	0.00	18	0.00	18	249.40	30	198.19	23	0.00	18
311	-12	-60	Max	150.00	27.84	31	0.00	18	0.00	18	83.69	30	0.00	23	0.00	18
311	-12	-60	Min.	0.00	99.45	23	0.00	18	0.00	18	-185.53	23	-249.82	30	0.00	18
311	-12	-60	Min.	150.00	23.65	23	0.00	18	0.00	18	-78.73	23	0.00	18	0.00	18
311	-59	-12	Max	0.00	-23.65	30	0.00	18	0.00	18	78.73	23	0.00	30	0.00	18
311	-59	-12	Max	150.00	-99.45	30	0.00	18	0.00	18	185.53	23	198.19	23	0.00	18
311	-59	-12	Min.	0.00	-27.84	24	0.00	18	0.00	18	-83.69	30	0.00	23	0.00	18
311	-59	-12	Min.	150.00	-110.66	24	0.00	18	0.00	18	-249.40	30	-249.82	30	0.00	18
312	-13	-62	Max	0.00	110.66	31	0.00	18	0.00	18	249.40	30	198.19	23	0.00	18
312	-13	-62	Max	150.00	27.84	31	0.00	18	0.00	18	83.69	30	0.00	23	0.00	18
312	-13	-62	Min.	0.00	99.45	23	0.00	18	0.00	18	-185.53	23	-249.82	30	0.00	18
312	-13	-62	Min.	150.00	23.65	23	0.00	18	0.00	18	-78.73	23	0.00	18	0.00	18
312	-61	-13	Max	0.00	-23.65	30	0.00	18	0.00	18	78.73	23	0.00	18	0.00	18
312	-61	-13	Max	150.00	-99.45	30	0.00	18	0.00	18	185.53	23	198.19	23	0.00	18

312	-61	-13	Min.	0.00	-27.84	24	0.00	18	0.00	18	-83.69	30	0.00	30	0.00	18
312	-61	-13	Min.	150.00	-110.66	24	0.00	18	0.00	18	-249.40	30	-249.82	30	0.00	18
313	-14	-64	Max	0.00	110.66	31	0.00	18	0.00	18	249.40	30	198.19	23	0.00	18
313	-14	-64	Max	150.00	27.84	31	0.00	18	0.00	18	83.69	30	0.00	23	0.00	18
313	-14	-64	Min.	0.00	99.45	23	0.00	18	0.00	18	-185.53	23	-249.82	30	0.00	18
313	-14	-64	Min.	150.00	23.65	23	0.00	18	0.00	18	-78.73	23	0.00	18	0.00	18
313	-63	-14	Max	0.00	-23.65	30	0.00	18	0.00	18	78.73	23	0.00	30	0.00	18
313	-63	-14	Max	150.00	-99.45	30	0.00	18	0.00	18	185.53	23	198.19	23	0.00	18
313	-63	-14	Min.	0.00	-27.84	24	0.00	18	0.00	18	-83.69	30	0.00	23	0.00	18
313	-63	-14	Min.	150.00	-110.66	24	0.00	18	0.00	18	-249.40	30	-249.82	30	0.00	18
314	-15	-66	Max	0.00	110.66	31	0.00	18	0.00	18	249.40	30	198.19	23	0.00	18
314	-15	-66	Max	150.00	27.84	31	0.00	18	0.00	18	83.69	30	0.00	23	0.00	18
314	-15	-66	Min.	0.00	99.45	23	0.00	18	0.00	18	-185.53	23	-249.82	30	0.00	18
314	-15	-66	Min.	150.00	23.65	23	0.00	18	0.00	18	-78.73	23	0.00	18	0.00	18
314	-65	-15	Max	0.00	-23.65	30	0.00	18	0.00	18	78.73	23	0.00	23	0.00	18
314	-65	-15	Max	150.00	-99.45	30	0.00	18	0.00	18	185.53	23	198.19	23	0.00	18
314	-65	-15	Min.	0.00	-27.84	24	0.00	18	0.00	18	-83.69	30	0.00	18	0.00	18
314	-65	-15	Min.	150.00	-110.66	24	0.00	18	0.00	18	-249.40	30	-249.82	30	0.00	18
315	203	-67	Max	0.00	114.00	18	0.00	18	0.00	18	259.43	30	207.92	23	0.00	18
315	203	-67	Max	150.00	29.09	18	0.00	18	0.00	18	87.44	30	0.00	23	0.00	18
315	203	-67	Min.	0.00	102.28	23	0.00	18	0.00	18	-194.97	23	-260.15	30	0.00	18
315	203	-67	Min.	150.00	24.71	23	0.00	18	0.00	18	-82.25	23	0.00	30	0.00	18
315	-72	203	Max	0.00	-24.71	30	0.00	18	0.00	18	82.25	23	0.00	30	0.00	18
315	-72	203	Max	150.00	-102.28	30	0.00	18	0.00	18	194.97	23	207.92	23	0.00	18
315	-72	203	Min.	0.00	-29.09	24	0.00	18	0.00	18	-87.44	30	0.00	23	0.00	18
315	-72	203	Min.	150.00	-114.00	24	0.00	18	0.00	18	-259.43	30	-260.15	30	0.00	18
316	-26	-74	Max	0.00	117.34	31	0.00	18	0.00	18	269.46	30	217.64	23	0.00	18
316	-26	-74	Max	150.00	30.33	24	0.00	18	0.00	18	91.18	30	0.00	23	0.00	18
316	-26	-74	Min.	0.00	105.12	23	0.00	18	0.00	18	-204.41	23	-270.49	30	0.00	18
316	-26	-74	Min.	150.00	25.77	30	0.00	18	0.00	18	-85.78	23	0.00	30	0.00	18
316	-73	-26	Max	0.00	-25.77	30	0.00	18	0.00	18	85.78	23	0.00	30	0.00	18
316	-73	-26	Max	150.00	-105.12	30	0.00	18	0.00	18	204.41	23	217.64	23	0.00	18
316	-73	-26	Min.	0.00	-30.33	24	0.00	18	0.00	23	-91.18	30	0.00	18	0.00	18
316	-73	-26	Min.	150.00	-117.34	24	0.00	18	0.00	23	-269.46	30	-270.49	30	0.00	18
317	-18	-71	Max	0.00	76.72	24	0.00	18	0.00	18	147.38	30	99.34	23	0.00	18
317	-18	-71	Max	150.00	15.17	24	0.00	18	0.00	18	45.59	30	0.00	30	0.00	18
317	-18	-71	Min.	0.00	70.62	23	0.00	18	0.00	18	-89.56	23	-144.73	30	0.00	18
317	-18	-71	Min.	150.00	12.88	30	0.00	18	0.00	18	-42.89	23	0.00	23	0.00	18
317	-70	-18	Max	0.00	-12.88	30	0.00	18	0.00	18	42.89	23	0.00	23	0.00	18
317	-70	-18	Max	150.00	-70.62	30	0.00	18	0.00	18	89.56	23	99.34	23	0.00	18
317	-70	-18	Min.	0.00	-15.17	24	0.00	18	0.00	23	-45.59	30	0.00	30	0.00	18
317	-70	-18	Min.	150.00	-76.72	24	0.00	18	0.00	23	-147.38	30	-144.73	30	0.00	18

Tipo di combinazione di carico: SLE F

Asta	N1	N2		X <cm>	N <daN>	CC	Ty <daN>	CC	Mz <daNm>	CC	Tz <daN>	CC	My <daNm>	CC	Mx <daNm>	CC
1	315	-45	Max	0.00	-1381.26	25	-32.77	25	51.24	32	306.27	32	1436.80	25	0.22	32
1	315	-45	Max	330.00	-1192.02	25	-32.77	25	-81.82	25	306.27	32	2.13	25	0.22	32
1	315	-45	Min.	0.00	-1903.32	32	-59.82	32	26.32	25	-434.75	25	-1012.21	32	-0.31	25
1	315	-45	Min.	330.00	-1714.08	32	-59.82	32	-146.15	32	-434.75	25	-1.50	32	-0.31	25
2	2	202	Max	0.00	-1474.24	25	120.51	32	-99.91	25	320.73	32	1489.58	25	0.24	25
2	2	202	Max	330.00	-1285.01	25	120.51	32	252.35	32	320.73	32	9.01	32	0.24	25
2	2	202	Min.	0.00	-2012.56	32	82.99	25	-145.34	32	-455.26	25	-1049.39	32	-0.17	32
2	2	202	Min.	330.00	-1823.32	32	82.99	25	173.95	25	-455.26	25	-12.79	25	-0.17	32
3	3	203	Max	0.00	-1268.29	25	-50.22	25	52.26	32	276.72	32	1306.89	25	0.07	32
3	3	203	Max	330.00	-1079.06	25	-50.22	25	-120.41	25	276.72	32	10.66	25	0.07	32
3	3	203	Min.	0.00	-1738.94	32	-60.69	32	45.31	25	-392.80	25	-920.70	32	-0.10	25
3	3	203	Min.	330.00	-1549.71	32	-60.69	32	-148.03	32	-392.80	25	-7.52	32	-0.10	25
201	-3	-29	Max	0.00	0.00	19	32.09	32	0.00	32	-125.61	25	0.00	19	0.00	32
201	-3	-29	Max	144.80	0.00	19	32.09	32	46.46	32	-195.45	25	-232.44	25	0.00	32
201	-3	-29	Min.	0.00	0.00	25	-45.55	25	0.00	25	-179.97	32	0.00	25	0.00	25
201	-3	-29	Min.	144.80	0.00	25	-45.55	25	-65.95	25	-249.81	32	-311.16	32	0.00	25
201	-29	-45	Max	0.00	0.00	19	96.26	32	46.46	32	-358.49	25	-232.44	25	0.00	32
201	-29	-45	Max	144.80	0.00	19	96.26	32	185.85	32	-428.33	25	-802.11	25	0.00	32
201	-29	-45	Min.	0.00	0.00	25	-136.64	25	-65.95	25	-521.58	32	-311.16	32	0.00	25
201	-29	-45	Min.	144.80	0.00	25	-136.64	25	-263.81	25	-591.41	32	-1116.96	32	0.00	25
202	-45	201	Max	0.00	-32.77	25	210.86	25	186.07	32	858.66	32	-883.93	25	2.13	25
202	-45	201	Max	132.57	-32.77	25	210.86	25	15.41	25	794.72	32	-125.86	25	2.13	25
202	-45	201	Min.	0.00	-59.82	32	-148.55	32	-264.12	25	603.81	25	-1263.12	32	-1.50	32
202	-45	201	Min.	132.57	-59.82	32	-148.55	32	-10.85	32	539.87	25	-167.20	32	-1.50	32
202	201	-6	Max	0.00	-32.77	25	127.46	25	15.41	25	538.46	32	-125.86	25	2.13	25
202	201	-6	Max	132.57	-32.77	25	127.46	25	184.38	25	474.53	32	504.25	32	2.13	25
202	201	-6	Min.	0.00	-59.82	32	-89.80	32	-10.86	32	383.15	25	-167.20	32	-1.50	32
202	201	-6	Min.	132.57	-59.82	32	-89.80	32	-129.89	32	319.21	25	339.69	25	-1.50	32
202	-6	-7	Max	0.00	-32.77	25	44.06	25	184.38	25	218.27	32	504.23	32	2.13	25
202	-6	-7	Max	132.57	-32.77	25	44.06	25	242.79	25	154.33	32	751.20	32	2.13	25
202	-6	-7	Min.	0.00	-59.82	32	-31.04	32	-129.89	32	162.49	25	339.68	25	-1.50	32
202	-6	-7	Min.	132.57	-59.82	32	-31.04	32	-171.04	32	98.55	25	512.71	25	-1.50	32
202	-7	-8	Max	0.00	-32.77	25	27.71	32	242.79	25	-58.17	25	751.21	32	2.13	25
202	-7	-8	Max	132.57	-32.77	25	27.71	32	190.64	25	-122.11	25	573.71	32	2.13	25
202	-7	-8	Min.	0.00	-59.82	32	-39.34	25	-171.04	32	-101.93	32	512.71	25	-1.50	32
202	-7	-8	Min.	132.57	-59.82	32	-39.34	25	-134.31	32	-165.86	32	393.22	25	-1.50	32
202	-8	-9	Max	0.00	-32.77	25	86.46	32	190.64	25	-278.83	25	573.70	32	2.13	25
202	-8	-9	Max	132.57	-32.77	25	86.46	32	27.94	25	-342.77	25	-18.80	25	2.13	25
202	-8	-9	Min.	0.00	-59.82	32	-122.73	25	-134.31	32	-422.12	32	393.22	25	-1.50	32
202	-8	-9	Min.	132.57	-59.82	32	-122.73	25	-19.68	32	-486.06	32	-28.27	32	-1.50	32
202	-9	-10	Max	0.00	-32.77	25	145.22	32	27.95	25	-499.49	25	-18.77	25	2.13	25
202	-9	-10	Max	132.57	-32.77	25	145.22	32	172.82	32	-563.42	25	-723.30	25	2.13	25
202	-9	-10	Min.	0.00	-59.82	32	-206.13	25	-19.69	32	-742.31	32	-28.24	32	-1.50	32
202	-9	-10	Min.	132.57	-59.82	32	-206.13	25	-245.32	25	-806.25	32	-1054.68	32	-1.50	32
202	-10	202	Max	0.00	-32.77	25	174.59	32	172.83	32	-685.87	25	-723.32	25	2.13	25
202	-10	202	Max	20.00	-32.77	25	174.59	32	207.75	32	-695.52	25	-861.46	25	2.13	25
202	-10	202	Min.	0.00	-59.82	32	-247.83	25	-245.32	25	-978.47	32	-1054.70	32	-1.50	32
202	-10	202	Min.	20.00	-59.82	32	-247.83	25	-294.89	25	-988.11	32	-1251.36	32	-1.50	32
203	202	-11	Max	0.00	60.69	32	207.43	25	207.58	32	835.21	32	-687.51	25	7.51	32
203	202	-11	Max	20.00	60.69	32	207.43	25	178.35	32	825.57	32	-570.58	25	7.51	32
203	202	-11	Min.	0.00	50.22	25	-146.13	32	-294.65	25	589.49	25	-999.01	32	-10.67	25
203	202	-11	Min.	20.00	50.22	25	-146.13	32	-253.16	25	579.84	25	-832.93	32	-10.67	25
203	-11	-12	Max	0.00	60.69	32	165.63	25	178.35	32	653.14	32	-570.58	25	7.51	32
203	-11	-12	Max	132.90	60.69	32	165.63	25	23.28	32	589.04	32	-5.41	25	7.51	32

203	-11	-12	Min.	0.00	50.22	25	-116.68	32	-253.16	25	457.31	25	-832.93	32	-10.66	25
203	-11	-12	Min.	132.90	50.22	25	-116.68	32	-33.04	25	393.21	25	-7.51	32	-10.66	25
203	-12	-13	Max	0.00	60.69	32	82.02	25	23.28	32	332.36	32	-5.41	25	7.51	32
203	-12	-13	Max	132.90	60.69	32	82.02	25	75.96	25	268.26	32	391.61	32	7.51	32
203	-12	-13	Min.	0.00	50.22	25	-57.78	32	-33.04	25	236.32	25	-7.51	32	-10.66	25
203	-12	-13	Min.	132.90	50.22	25	-57.78	32	-53.51	32	172.22	25	266.07	25	-10.66	25
203	-13	-14	Max	0.00	60.69	32	1.12	32	75.96	25	15.33	25	391.61	32	7.51	32
203	-13	-14	Max	24.02					-53.25	32			393.00	32		
203	-13	-14	Max	132.90	60.69	32	1.12	32	73.85	25	-48.77	25	364.41	32	7.51	32
203	-13	-14	Min.	0.00	50.22	25	-1.59	25	-53.51	32	11.58	32	266.07	25	-10.66	25
203	-13	-14	Min.	31.78					75.46	25			268.50	25		
203	-13	-14	Min.	132.90	50.22	25	-1.59	25	-52.03	32	-52.51	32	243.84	25	-10.66	25
203	-14	-15	Max	0.00	60.69	32	60.02	32	73.85	25	-205.66	25	364.41	32	7.51	32
203	-14	-15	Max	132.90	60.69	32	60.02	32	27.74	32	-269.76	25	-72.08	25	7.51	32
203	-14	-15	Min.	0.00	50.22	25	-85.20	25	-52.03	32	-309.19	32	243.84	25	-10.66	25
203	-14	-15	Min.	132.90	50.22	25	-85.20	25	-39.37	25	-373.29	32	-89.10	32	-10.66	25
203	-15	203	Max	0.00	60.69	32	118.92	32	27.74	32	-426.66	25	-72.08	25	7.51	32
203	-15	203	Max	132.90	60.69	32	118.92	32	185.78	32	-490.75	25	-681.70	25	7.51	32
203	-15	203	Min.	0.00	50.22	25	-168.80	25	-39.37	25	-629.97	32	-89.10	32	-10.66	25
203	-15	203	Min.	132.90	50.22	25	-168.80	25	-263.71	25	-694.07	32	-968.93	32	-10.66	25
204	203	-26	Max	0.00	0.00	19	136.64	25	185.85	32	591.41	32	-802.11	25	0.00	25
204	203	-26	Max	144.80	0.00	19	136.64	25	46.46	32	521.58	32	-232.44	25	0.00	25
204	203	-26	Min.	0.00	0.00	25	-96.26	32	-263.81	25	428.33	25	-1116.96	32	0.00	32
204	203	-26	Min.	144.80	0.00	25	-96.26	32	-65.95	25	358.49	25	-311.16	32	0.00	32
204	-26	-18	Max	0.00	0.00	19	45.55	25	46.46	32	249.81	32	-232.44	25	0.00	25
204	-26	-18	Max	144.80	0.00	19	45.55	25	0.00	25	179.97	32	0.00	32	0.00	25
204	-26	-18	Min.	0.00	0.00	19	-32.09	32	-65.95	25	195.45	25	-311.16	32	0.00	32
204	-26	-18	Min.	144.80	0.00	19	-32.09	32	0.00	32	125.61	25	0.00	25	0.00	32
301	-45	-79	Max	0.00	95.19	19	0.00	19	0.00	19	100.89	32	-3.34	25	0.00	19
301	-45	-79	Max	96.17									1.52	25		
301	-45	-79	Max	150.00	22.06	19	0.00	19	0.00	19	28.23	32	0.00	25	0.00	19
301	-45	-79	Min.	0.00	90.51	25	0.00	19	0.00	19	10.12	25	-96.84	32	0.00	19
301	-45	-79	Min.	96.17									1.52	25		
301	-45	-79	Min.	150.00	20.31	25	0.00	19	0.00	19	-5.66	25	0.00	32	0.00	19
301	-80	-45	Max	0.00	-20.31	32	0.00	19	0.00	19	5.66	25	0.00	32	0.00	19
301	-80	-45	Max	53.83									1.52	25		
301	-80	-45	Max	150.00	-90.51	32	0.00	19	0.00	19	-10.12	25	-3.34	25	0.00	19
301	-80	-45	Min.	0.00	-22.06	19	0.00	19	0.00	19	-28.23	32	0.00	25	0.00	19
301	-80	-45	Min.	53.83									1.52	25		
301	-80	-45	Min.	150.00	-95.19	19	0.00	19	0.00	19	-100.89	32	-96.84	32	0.00	19
302	-3	-69	Max	0.00	66.95	19	0.00	19	0.00	19	64.76	32	-10.81	25	0.00	19
302	-3	-69	Max	128.18									0.32	25		
302	-3	-69	Max	150.00	11.52	19	0.00	19	0.00	19	14.74	32	0.00	19	0.00	19
302	-3	-69	Min.	0.00	64.51	25	0.00	19	0.00	19	17.37	25	-59.62	32	0.00	19
302	-3	-69	Min.	128.18									0.32	25		
302	-3	-69	Min.	150.00	10.60	25	0.00	19	0.00	19	-2.96	25	0.00	32	0.00	19
302	-68	-3	Max	0.00	-10.60	32	0.00	19	0.00	19	2.96	25	0.00	32	0.00	19
302	-68	-3	Max	21.82									0.32	25		
302	-68	-3	Max	150.00	-64.51	32	0.00	19	0.00	19	-17.37	25	-10.81	25	0.00	19
302	-68	-3	Min.	0.00	-11.52	19	0.00	19	0.00	19	-14.74	32	0.00	25	0.00	19
302	-68	-3	Min.	21.82									0.32	25		
302	-68	-3	Min.	150.00	-66.95	19	0.00	19	0.00	19	-64.76	32	-59.62	32	0.00	19
303	-29	-76	Max	0.00	97.79	19	0.00	19	0.00	19	104.22	32	-2.65	25	0.00	19
303	-29	-76	Max	92.26									1.71	25		
303	-29	-76	Max	150.00	23.03	19	0.00	19	0.00	19	29.48	32	0.00	32	0.00	19
303	-29	-76	Min.	0.00	92.91	25	0.00	19	0.00	19	9.45	25	-100.28	32	0.00	19
303	-29	-76	Min.	92.26									1.71	25		
303	-29	-76	Min.	150.00	21.21	25	0.00	19	0.00	19	-5.91	25	0.00	25	0.00	19
303	-75	-29	Max	0.00	-21.21	32	0.00	19	0.00	19	5.91	25	0.00	19	0.00	19
303	-75	-29	Max	57.74									1.71	25		
303	-75	-29	Max	150.00	-92.90	32	0.00	19	0.00	19	-9.45	25	-2.65	25	0.00	19
303	-75	-29	Min.	0.00	-23.03	19	0.00	19	0.00	19	-29.48	32	0.00	25	0.00	19
303	-75	-29	Min.	57.74									1.71	25		
303	-75	-29	Min.	150.00	-97.79	19	0.00	19	0.00	19	-104.22	32	-100.28	32	0.00	19
304	201	-77	Max	0.00	92.58	19	0.00	19	0.00	19	97.56	32	-4.03	25	0.00	19
304	201	-77	Max	99.87									1.36	25		
304	201	-77	Max	150.00	21.09	19	0.00	19	0.00	19	26.99	32	0.00	32	0.00	19
304	201	-77	Min.	0.00	88.11	25	0.00	19	0.00	19	10.79	25	-93.41	32	0.00	19
304	201	-77	Min.	99.87									1.36	25		
304	201	-77	Min.	150.00	19.42	25	0.00	19	0.00	19	-5.41	25	0.00	19	0.00	19
304	-78	201	Max	0.00	-19.42	32	0.00	19	0.00	19	5.41	25	0.00	25	0.00	19
304	-78	201	Max	50.13									1.36	25		
304	-78	201	Max	150.00	-88.11	32	0.00	19	0.00	19	-10.79	25	-4.03	25	0.00	19
304	-78	201	Min.	0.00	-21.09	19	0.00	19	0.00	19	-26.99	32	0.00	32	0.00	19
304	-78	201	Min.	50.13									1.36	25		
304	-78	201	Min.	150.00	-92.58	19	0.00	19	0.00	19	-97.56	32	-93.41	32	0.00	19
305	-6	-48	Max	0.00	92.58	19	0.00	19	0.00	19	97.56	32	-4.03	25	0.00	19
305	-6	-48	Max	99.87									1.36	25		
305	-6	-48	Max	150.00	21.09	19	0.00	19	0.00	19	26.99	32	0.00	32	0.00	19
305	-6	-48	Min.	0.00	88.11	25	0.00	19	0.00	19	10.79	25	-93.41	32	0.00	19
305	-6	-48	Min.	99.87									1.36	25		
305	-6	-48	Min.	150.00	19.42	25	0.00	19	0.00	19	-5.41	25	0.00	19	0.00	19
305	-47	-6	Max	0.00	-19.42	32	0.00	19	0.00	25	5.41	25	0.00	19	0.00	19
305	-47	-6	Max	50.13									1.36	25		
305	-47	-6	Max	150.00	-88.11	32	0.00	19	0.00	25	-10.79	25	-4.03	25	0.00	19
305	-47	-6	Min.	0.00	-21.09	19	0.00	19	0.00	19	-26.99	32	0.00	32	0.00	19
305	-47	-6	Min.	50.13									1.36	25		
305	-47	-6	Min.	150.00	-92.58	19	0.00	19	0.00	19	-97.56	32	-93.41	32	0.00	19
306	-7	-50	Max	0.00	92.58	19	0.00	19	0.00	19	97.56	32	-4.03	25	0.00	19
306	-7	-50	Max	99.87									1.36	25		
306	-7	-50	Max	150.00	21.09	19	0.00	19	0.00	19	26.99	32	0.00	32	0.00	19
306	-7	-50	Min.	0.00	88.11	25	0.00	19	0.00	19	10.79	25	-93.41	32	0.00	19
306	-7	-50	Min.	99.87									1.36	25		
306	-7	-50	Min.	150.00	19.42	25	0.00	19	0.00	19	-5.41	25	0.00	19	0.00	19
306	-49	-7	Max	0.00	-19.42	32	0.00	19	0.00	19	5.41	25	0.00	19	0.00	19
306	-49	-7	Max	50.13									1.36	25		
306	-49	-7	Max	150.00	-88.11	32	0.00	19	0.00	19	-10.79	25	-4.03	25	0.00	19
306	-49	-7	Min.	0.00	-21.09	19	0.00	19	0.00	19	-26.99	32	0.00	25	0.00	19
306	-49	-7	Min.	50.13									1.36	25		
306	-49	-7	Min.	150.00	-92.58	19	0.00	19	0.00	19	-97.56	32	-93.41	32	0.00	19
307	-8	-52	Max	0.00	92.58	19	0.00	19	0.00	19	97.56	32	-4.03	25	0.00	19

307	-8	-52	Max	99.87								1.36	25			
307	-8	-52	Max	150.00	21.09	19	0.00	19	0.00	19	26.99	32	0.00	32	0.00	19
307	-8	-52	Min.	0.00	88.11	25	0.00	19	0.00	19	10.79	25	-93.41	32	0.00	19
307	-8	-52	Min.	99.87								1.36	25			
307	-8	-52	Min.	150.00	19.42	25	0.00	19	0.00	19	-5.41	25	0.00	19	0.00	19
307	-51	-8	Max	0.00	-19.42	32	0.00	19	0.00	25	5.41	25	0.00	25	0.00	19
307	-51	-8	Max	50.13								1.36	25			
307	-51	-8	Max	150.00	-88.11	32	0.00	19	0.00	25	-10.79	25	-4.03	25	0.00	19
307	-51	-8	Min.	0.00	-21.09	19	0.00	19	0.00	19	-26.99	32	0.00	32	0.00	19
307	-51	-8	Min.	50.13								1.36	25			
307	-51	-8	Min.	150.00	-92.58	19	0.00	19	0.00	19	-97.56	32	-93.41	32	0.00	19
308	-9	-54	Max	0.00	92.58	19	0.00	19	0.00	19	97.56	32	-4.03	25	0.00	19
308	-9	-54	Max	99.87								1.36	25			
308	-9	-54	Max	150.00	21.09	19	0.00	19	0.00	19	26.99	32	0.00	32	0.00	19
308	-9	-54	Min.	0.00	88.11	25	0.00	19	0.00	19	10.79	25	-93.41	32	0.00	19
308	-9	-54	Min.	99.87								1.36	25			
308	-9	-54	Min.	150.00	19.42	25	0.00	19	0.00	19	-5.41	25	0.00	19	0.00	19
308	-53	-9	Max	0.00	-19.42	32	0.00	19	0.00	19	5.41	25	0.00	19	0.00	19
308	-53	-9	Max	50.13								1.36	25			
308	-53	-9	Max	150.00	-88.11	32	0.00	19	0.00	19	-10.79	25	-4.03	25	0.00	19
308	-53	-9	Min.	0.00	-21.09	19	0.00	19	0.00	19	-26.99	32	0.00	32	0.00	19
308	-53	-9	Min.	50.13								1.36	25			
308	-53	-9	Min.	150.00	-92.58	19	0.00	19	0.00	19	-97.56	32	-93.41	32	0.00	19
309	-10	-56	Max	0.00	64.35	19	0.00	19	0.00	19	61.42	32	-11.50	25	0.00	19
309	-10	-56	Max	130.43								0.26	25			
309	-10	-56	Max	150.00	10.54	19	0.00	19	0.00	19	13.49	32	0.00	25	0.00	19
309	-10	-56	Min.	0.00	62.11	25	0.00	19	0.00	19	18.04	25	-56.19	32	0.00	19
309	-10	-56	Min.	130.43								0.26	25			
309	-10	-56	Min.	150.00	9.71	25	0.00	19	0.00	19	-2.71	25	0.00	19	0.00	19
309	-55	-10	Max	0.00	-9.71	32	0.00	19	0.00	19	2.71	25	0.00	25	0.00	19
309	-55	-10	Max	19.57								0.26	25			
309	-55	-10	Max	150.00	-62.11	32	0.00	19	0.00	19	-18.04	25	-11.50	25	0.00	19
309	-55	-10	Min.	0.00	-10.54	19	0.00	19	0.00	19	-13.49	32	0.00	32	0.00	19
309	-55	-10	Min.	19.57								0.26	25			
309	-55	-10	Min.	150.00	-64.35	19	0.00	19	0.00	19	-61.42	32	-56.19	32	0.00	19
310	-11	-58	Max	0.00	64.42	19	0.00	19	0.00	19	61.51	32	-11.48	25	0.00	19
310	-11	-58	Max	130.37								0.27	25			
310	-11	-58	Max	150.00	10.57	19	0.00	19	0.00	19	13.53	32	0.00	25	0.00	19
310	-11	-58	Min.	0.00	62.18	25	0.00	19	0.00	19	18.02	25	-56.28	32	0.00	19
310	-11	-58	Min.	130.37								0.27	25			
310	-11	-58	Min.	150.00	9.73	25	0.00	19	0.00	19	-2.71	25	0.00	32	0.00	19
310	-57	-11	Max	0.00	-9.73	32	0.00	19	0.00	19	2.71	25	0.00	25	0.00	19
310	-57	-11	Max	19.63								0.27	25			
310	-57	-11	Max	150.00	-62.18	32	0.00	19	0.00	19	-18.02	25	-11.48	25	0.00	19
310	-57	-11	Min.	0.00	-10.57	19	0.00	19	0.00	19	-13.53	32	0.00	32	0.00	19
310	-57	-11	Min.	19.63								0.27	25			
310	-57	-11	Min.	150.00	-64.42	19	0.00	19	0.00	19	-61.51	32	-56.28	32	0.00	19
311	-12	-60	Max	0.00	92.72	19	0.00	19	0.00	19	97.74	32	-3.99	25	0.00	19
311	-12	-60	Max	99.68								1.37	25			
311	-12	-60	Max	150.00	21.14	19	0.00	19	0.00	19	27.06	32	0.00	25	0.00	19
311	-12	-60	Min.	0.00	88.24	25	0.00	19	0.00	19	10.75	25	-93.59	32	0.00	19
311	-12	-60	Min.	99.68								1.37	25			
311	-12	-60	Min.	150.00	19.47	25	0.00	19	0.00	19	-5.43	25	0.00	19	0.00	19
311	-59	-12	Max	0.00	-19.47	32	0.00	19	0.00	19	5.43	25	0.00	32	0.00	19
311	-59	-12	Max	50.32								1.37	25			
311	-59	-12	Max	150.00	-88.24	32	0.00	19	0.00	19	-10.75	25	-3.99	25	0.00	19
311	-59	-12	Min.	0.00	-21.14	19	0.00	19	0.00	19	-27.06	32	0.00	25	0.00	19
311	-59	-12	Min.	50.32								1.37	25			
311	-59	-12	Min.	150.00	-92.72	19	0.00	19	0.00	19	-97.74	32	-93.59	32	0.00	19
312	-13	-62	Max	0.00	92.72	19	0.00	19	0.00	19	97.74	32	-3.99	25	0.00	19
312	-13	-62	Max	99.68								1.37	25			
312	-13	-62	Max	150.00	21.14	19	0.00	19	0.00	19	27.06	32	0.00	25	0.00	19
312	-13	-62	Min.	0.00	88.24	25	0.00	19	0.00	19	10.75	25	-93.59	32	0.00	19
312	-13	-62	Min.	99.68								1.37	25			
312	-13	-62	Min.	150.00	19.47	25	0.00	19	0.00	19	-5.43	25	0.00	19	0.00	19
312	-61	-13	Max	0.00	-19.47	32	0.00	19	0.00	19	5.43	25	0.00	19	0.00	19
312	-61	-13	Max	50.32								1.37	25			
312	-61	-13	Max	150.00	-88.24	32	0.00	19	0.00	19	-10.75	25	-3.99	25	0.00	19
312	-61	-13	Min.	0.00	-21.14	19	0.00	19	0.00	19	-27.06	32	0.00	32	0.00	19
312	-61	-13	Min.	50.32								1.37	25			
312	-61	-13	Min.	150.00	-92.72	19	0.00	19	0.00	19	-97.74	32	-93.59	32	0.00	19
313	-14	-64	Max	0.00	92.72	19	0.00	19	0.00	19	97.74	32	-3.99	25	0.00	19
313	-14	-64	Max	99.68								1.37	25			
313	-14	-64	Max	150.00	21.14	19	0.00	19	0.00	19	27.06	32	0.00	25	0.00	19
313	-14	-64	Min.	0.00	88.24	25	0.00	19	0.00	19	10.75	25	-93.59	32	0.00	19
313	-14	-64	Min.	99.68								1.37	25			
313	-14	-64	Min.	150.00	19.47	25	0.00	19	0.00	19	-5.43	25	0.00	19	0.00	19
313	-63	-14	Max	0.00	-19.47	32	0.00	19	0.00	19	5.43	25	0.00	32	0.00	19
313	-63	-14	Max	50.32								1.37	25			
313	-63	-14	Max	150.00	-88.24	32	0.00	19	0.00	19	-10.75	25	-3.99	25	0.00	19
313	-63	-14	Min.	0.00	-21.14	19	0.00	19	0.00	19	-27.06	32	0.00	25	0.00	19
313	-63	-14	Min.	50.32								1.37	25			
313	-63	-14	Min.	150.00	-92.72	19	0.00	19	0.00	19	-97.74	32	-93.59	32	0.00	19
314	-15	-66	Max	0.00	92.72	19	0.00	19	0.00	19	97.74	32	-3.99	25	0.00	19
314	-15	-66	Max	99.68								1.37	25			
314	-15	-66	Max	150.00	21.14	19	0.00	19	0.00	19	27.06	32	0.00	25	0.00	19
314	-15	-66	Min.	0.00	88.24	25	0.00	19	0.00	19	10.75	25	-93.59	32	0.00	19
314	-15	-66	Min.	99.68								1.37	25			
314	-15	-66	Min.	150.00	19.47	25	0.00	19	0.00	19	-5.43	25	0.00	19	0.00	19
314	-65	-15	Max	0.00	-19.47	32	0.00	19	0.00	19	5.43	25	0.00	25	0.00	19
314	-65	-15	Max	50.32								1.37	25			
314	-65	-15	Max	150.00	-88.24	32	0.00	19	0.00	19	-10.75	25	-3.99	25	0.00	19
314	-65	-15	Min.	0.00	-21.14	19	0.00	19	0.00	19	-27.06	32	0.00	19	0.00	19
314	-65	-15	Min.	50.32								1.37	25			
314	-65	-15	Min.	150.00	-92.72	19	0.00	19	0.00	19	-97.74	32	-93.59	32	0.00	19
315	203	-67	Max	0.00	95.26	19	0.00	19	0.00	19	100.98	32	-3.32	25	0.00	19
315	203	-67	Max	96.06								1.53	25			
315	203	-67	Max	150.00	22.09	19	0.00	19	0.00	19	28.27	32	0.00	25	0.00	19
315	203	-67	Min.	0.00	90.57	25	0.00	19	0.00	19	10.10	25	-96.94	32	0.00	19
315	203	-67	Min.	96.06								1.53	25			
315	203	-67	Min.	150.00	20.34	25	0.00	19	0.00	19	-5.67	25	0.00	32	0.00	19

315	-72	203	Max	0.00	-20.34	32	0.00	19	0.00	19	5.67	25	0.00	32	0.00	19
315	-72	203	Max	53.93									1.53	25		
315	-72	203	Max	150.00	-90.57	32	0.00	19	0.00	19	-10.10	25	-3.32	25	0.00	19
315	-72	203	Min.	0.00	-22.09	19	0.00	19	0.00	19	-28.27	32	0.00	25	0.00	19
315	-72	203	Min.	53.93									1.53	25		
315	-72	203	Min.	150.00	-95.26	19	0.00	19	0.00	19	-100.98	32	-96.94	32	0.00	19
316	-26	-74	Max	0.00	97.79	19	0.00	19	0.00	19	104.22	32	-2.65	25	0.00	19
316	-26	-74	Max	92.26									1.71	25		
316	-26	-74	Max	150.00	23.03	19	0.00	19	0.00	19	29.48	32	0.00	25	0.00	19
316	-26	-74	Min.	0.00	92.90	25	0.00	19	0.00	19	9.45	25	-100.28	32	0.00	19
316	-26	-74	Min.	92.26									1.71	25		
316	-26	-74	Min.	150.00	21.21	25	0.00	19	0.00	19	-5.91	25	0.00	32	0.00	19
316	-73	-26	Max	0.00	-21.21	32	0.00	19	0.00	19	5.91	25	0.00	32	0.00	19
316	-73	-26	Max	57.74									1.71	25		
316	-73	-26	Max	150.00	-92.90	32	0.00	19	0.00	19	-9.45	25	-2.65	25	0.00	19
316	-73	-26	Min.	0.00	-23.03	19	0.00	19	0.00	25	-29.48	32	0.00	19	0.00	19
316	-73	-26	Min.	57.74									1.71	25		
316	-73	-26	Min.	150.00	-97.79	19	0.00	19	0.00	25	-104.22	32	-100.28	32	0.00	19
317	-18	-71	Max	0.00	66.95	19	0.00	19	0.00	19	64.76	32	-10.81	25	0.00	19
317	-18	-71	Max	128.18									0.32	25		
317	-18	-71	Max	150.00	11.52	19	0.00	19	0.00	19	14.74	32	0.00	32	0.00	19
317	-18	-71	Min.	0.00	64.51	25	0.00	19	0.00	19	17.37	25	-59.62	32	0.00	19
317	-18	-71	Min.	128.18									0.32	25		
317	-18	-71	Min.	150.00	10.60	25	0.00	19	0.00	19	-2.96	25	0.00	25	0.00	19
317	-70	-18	Max	0.00	-10.60	32	0.00	19	0.00	19	2.96	25	0.00	25	0.00	19
317	-70	-18	Max	21.82									0.32	25		
317	-70	-18	Max	150.00	-64.51	32	0.00	19	0.00	19	-17.37	25	-10.81	25	0.00	19
317	-70	-18	Min.	0.00	-11.52	19	0.00	19	0.00	25	-14.74	32	0.00	32	0.00	19
317	-70	-18	Min.	21.82									0.32	25		
317	-70	-18	Min.	150.00	-66.95	19	0.00	19	0.00	25	-64.76	32	-59.62	32	0.00	19

Tipo di combinazione di carico: SLE Q

Asta	N1	N2		X <cm>	N <daN>	CC	Ty <daN>	CC	Mz <daNm>	CC	Tz <daN>	CC	My <daNm>	CC	Mx <daNm>	CC
1	315	-45	Max	0.00	-1687.55	20	-48.64	20	40.94	20	0.00	20	-0.00	20	0.00	20
1	315	-45	Max	330.00	-1498.31	20	-48.64	20	-119.56	20	0.00	20	-0.00	20	0.00	20
1	315	-45	Min.	0.00	-1687.55	20	-48.64	20	40.94	20	0.00	20	-0.00	20	0.00	20
1	315	-45	Min.	330.00	-1498.31	20	-48.64	20	-119.56	20	0.00	20	-0.00	20	0.00	20
2	2	202	Max	0.00	-1790.07	20	105.00	20	-126.56	20	-0.00	20	-0.00	20	0.00	20
2	2	202	Max	330.00	-1600.83	20	105.00	20	219.95	20	-0.00	20	-0.00	20	0.00	20
2	2	202	Min.	0.00	-1790.07	20	105.00	20	-126.56	20	-0.00	20	-0.00	20	0.00	20
2	2	202	Min.	330.00	-1600.83	20	105.00	20	219.95	20	-0.00	20	-0.00	20	0.00	20
3	3	203	Max	0.00	-1544.42	20	-56.36	20	49.39	20	0.00	20	-0.00	20	0.00	20
3	3	203	Max	330.00	-1355.18	20	-56.36	20	-136.61	20	0.00	20	-0.00	20	0.00	20
3	3	203	Min.	0.00	-1544.42	20	-56.36	20	49.39	20	0.00	20	-0.00	20	0.00	20
3	3	203	Min.	330.00	-1355.18	20	-56.36	20	-136.61	20	0.00	20	-0.00	20	0.00	20
201	-3	-29	Max	0.00	0.00	20	0.00	20	0.00	20	-157.50	20	0.00	20	0.00	20
201	-3	-29	Max	144.80	0.00	20	0.00	20	0.00	20	-227.34	20	-278.63	20	0.00	20
201	-3	-29	Min.	0.00	0.00	20	0.00	20	0.00	20	-157.50	20	0.00	20	0.00	20
201	-3	-29	Min.	144.80	0.00	20	0.00	20	0.00	20	-227.34	20	-278.63	20	0.00	20
201	-29	-45	Max	0.00	0.00	20	0.00	20	0.00	20	-454.17	20	-278.62	20	0.00	20
201	-29	-45	Max	144.80	0.00	20	0.00	20	0.00	20	-524.01	20	-986.83	20	0.00	20
201	-29	-45	Min.	0.00	0.00	20	0.00	20	0.00	20	-454.17	20	-278.62	20	0.00	20
201	-29	-45	Min.	144.80	0.00	20	0.00	20	0.00	20	-524.01	20	-986.83	20	0.00	20
202	-45	201	Max	0.00	-48.64	20	0.00	20	0.00	20	753.33	20	-1106.39	20	-0.00	20
202	-45	201	Max	132.57	-48.64	20	0.00	20	0.00	20	689.39	20	-150.11	20	-0.00	20
202	-45	201	Min.	0.00	-48.64	20	0.00	20	0.00	20	753.33	20	-1106.39	20	-0.00	20
202	-45	201	Min.	132.57	-48.64	20	0.00	20	0.00	20	689.39	20	-150.11	20	-0.00	20
202	201	-6	Max	0.00	-48.64	20	0.00	20	0.00	20	474.27	20	-150.11	20	0.00	20
202	201	-6	Max	132.57	-48.64	20	0.00	20	0.00	20	410.33	20	436.23	20	0.00	20
202	201	-6	Min.	0.00	-48.64	20	0.00	20	0.00	20	474.27	20	-150.11	20	0.00	20
202	201	-6	Min.	132.57	-48.64	20	0.00	20	0.00	20	410.33	20	436.23	20	0.00	20
202	-6	-7	Max	0.00	-48.64	20	0.00	20	0.00	20	195.22	20	436.22	20	0.00	20
202	-6	-7	Max	132.57	-48.64	20	0.00	20	0.00	20	131.28	20	652.63	20	0.00	20
202	-6	-7	Min.	0.00	-48.64	20	0.00	20	0.00	20	195.22	20	436.22	20	0.00	20
202	-6	-7	Min.	132.57	-48.64	20	0.00	20	0.00	20	131.28	20	652.63	20	0.00	20
202	-7	-8	Max	0.00	-48.64	20	0.00	20	0.00	20	-83.84	20	652.63	20	0.00	20
202	-7	-8	Max	132.57	-48.64	20	0.00	20	0.00	20	-147.78	20	499.11	20	0.00	20
202	-7	-8	Min.	0.00	-48.64	20	0.00	20	0.00	20	-83.84	20	652.63	20	0.00	20
202	-7	-8	Min.	132.57	-48.64	20	0.00	20	0.00	20	-147.78	20	499.11	20	0.00	20
202	-8	-9	Max	0.00	-48.64	20	0.00	20	0.00	20	-362.90	20	499.11	20	0.00	20
202	-8	-9	Max	132.57	-48.64	20	0.00	20	0.00	20	-426.83	20	-24.35	20	0.00	20
202	-8	-9	Min.	0.00	-48.64	20	0.00	20	0.00	20	-362.90	20	499.11	20	0.00	20
202	-8	-9	Min.	132.57	-48.64	20	0.00	20	0.00	20	-426.83	20	-24.35	20	0.00	20
202	-9	-10	Max	0.00	-48.64	20	0.00	20	0.00	20	-641.95	20	-24.33	20	0.00	20
202	-9	-10	Max	132.57	-48.64	20	0.00	20	0.00	20	-705.89	20	-917.72	20	0.00	20
202	-9	-10	Min.	0.00	-48.64	20	0.00	20	0.00	20	-641.95	20	-24.33	20	0.00	20
202	-9	-10	Min.	132.57	-48.64	20	0.00	20	0.00	20	-705.89	20	-917.72	20	0.00	20
202	-10	202	Max	0.00	-48.64	20	0.00	20	0.00	20	-857.53	20	-917.74	20	0.00	20
202	-10	202	Max	20.00	-48.64	20	0.00	20	0.00	20	-867.18	20	-1090.21	20	0.00	20
202	-10	202	Min.	0.00	-48.64	20	0.00	20	0.00	20	-857.53	20	-917.74	20	0.00	20
202	-10	202	Min.	20.00	-48.64	20	0.00	20	0.00	20	-867.18	20	-1090.21	20	0.00	20
203	202	-11	Max	0.00	56.36	20	0.00	20	0.00	20	733.65	20	-870.26	20	-0.00	20
203	202	-11	Max	20.00	56.36	20	0.00	20	0.00	20	724.00	20	-724.50	20	-0.00	20
203	202	-11	Min.	0.00	56.36	20	0.00	20	0.00	20	733.65	20	-870.26	20	-0.00	20
203	202	-11	Min.	20.00	56.36	20	0.00	20	0.00	20	724.00	20	-724.50	20	-0.00	20
203	-11	-12	Max	0.00	56.36	20	0.00	20	0.00	20	572.20	20	-724.50	20	0.00	20
203	-11	-12	Max	132.90	56.36	20	0.00	20	0.00	20	508.10	20	-6.64	20	0.00	20
203	-11	-12	Min.	0.00	56.36	20	0.00	20	0.00	20	572.20	20	-724.50	20	0.00	20
203	-11	-12	Min.	132.90	56.36	20	0.00	20	0.00	20	508.10	20	-6.64	20	0.00	20
203	-12	-13	Max	0.00	56.36	20	0.00	20	0.00	20	292.67	20	-6.64	20	0.00	20
203	-12	-13	Max	132.90	56.36	20	0.00	20	0.00	20	228.57	20	339.72	20	0.00	20
203	-12	-13	Min.	0.00	56.36	20	0.00	20	0.00	20	292.67	20	-6.64	20	0.00	20
203	-12	-13	Min.	132.90	56.36	20	0.00	20	0.00	20	228.57	20	339.72	20	0.00	20
203	-13	-14	Max	0.00	56.36	20	0.00	20	0.00	20	13.13	20	339.72	20	0.00	20
203	-13	-14	Max	27.22									341.51	20		
203	-13	-14	Max	132.90	56.36	20	0.00	20	0.00	20	-50.97	20	314.58	20	0.00	20
203	-13	-14	Min.	0.00	56.36	20	0.00	20	0.00	20	13.13	20	339.72	20	0.00	20
203	-13	-14	Min.	27.22									341.51	20		
203	-13	-14	Min.	132.90	56.36	20	0.00	20	0.00	20	-50.97	20	314.58	20	0.00	20

203	-14	-15	Max	0.00	56.36	20	0.00	20	0.00	20	-266.40	20	314.58	20	0.00	20
203	-14	-15	Max	132.90	56.36	20	0.00	20	0.00	20	-330.50	20	-82.07	20	0.00	20
203	-14	-15	Min.	0.00	56.36	20	0.00	20	0.00	20	-266.40	20	314.58	20	0.00	20
203	-14	-15	Min.	132.90	56.36	20	0.00	20	0.00	20	-330.50	20	-82.07	20	0.00	20
203	-15	203	Max	0.00	56.36	20	0.00	20	0.00	20	-545.94	20	-82.07	20	0.00	20
203	-15	203	Max	132.90	56.36	20	0.00	20	0.00	20	-610.04	20	-850.21	20	0.00	20
203	-15	203	Min.	0.00	56.36	20	0.00	20	0.00	20	-545.94	20	-82.07	20	0.00	20
203	-15	203	Min.	132.90	56.36	20	0.00	20	0.00	20	-610.04	20	-850.21	20	0.00	20
204	203	-26	Max	0.00	0.00	20	0.00	20	0.00	20	524.01	20	-986.83	20	0.00	20
204	203	-26	Max	144.80	0.00	20	0.00	20	0.00	20	454.17	20	-278.62	20	0.00	20
204	203	-26	Min.	0.00	0.00	20	0.00	20	0.00	20	524.01	20	-986.83	20	0.00	20
204	203	-26	Min.	144.80	0.00	20	0.00	20	0.00	20	454.17	20	-278.62	20	0.00	20
204	-26	-18	Max	0.00	0.00	20	0.00	20	0.00	20	227.34	20	-278.62	20	0.00	20
204	-26	-18	Max	144.80	0.00	20	0.00	20	0.00	20	157.50	20	0.00	20	0.00	20
204	-26	-18	Min.	0.00	0.00	20	0.00	20	0.00	20	227.34	20	-278.62	20	0.00	20
204	-26	-18	Min.	144.80	0.00	20	0.00	20	0.00	20	157.50	20	0.00	20	0.00	20
301	-45	-79	Max	0.00	90.51	20	0.00	20	0.00	20	63.37	20	-58.20	20	0.00	20
301	-45	-79	Max	150.00	20.31	20	0.00	20	0.00	20	14.22	20	0.00	20	0.00	20
301	-45	-79	Min.	0.00	90.51	20	0.00	20	0.00	20	63.37	20	-58.20	20	0.00	20
301	-45	-79	Min.	150.00	20.31	20	0.00	20	0.00	20	14.22	20	0.00	20	0.00	20
301	-80	-45	Max	0.00	-20.31	20	0.00	20	0.00	20	-14.22	20	0.00	20	0.00	20
301	-80	-45	Max	150.00	-90.51	20	0.00	20	0.00	20	-63.37	20	-58.20	20	0.00	20
301	-80	-45	Min.	0.00	-20.31	20	0.00	20	0.00	20	-14.22	20	0.00	20	0.00	20
301	-80	-45	Min.	150.00	-90.51	20	0.00	20	0.00	20	-63.37	20	-58.20	20	0.00	20
302	-3	-69	Max	0.00	64.51	20	0.00	20	0.00	20	45.17	20	-39.45	20	0.00	20
302	-3	-69	Max	150.00	10.60	20	0.00	20	0.00	20	7.43	20	0.00	20	0.00	20
302	-3	-69	Min.	0.00	64.51	20	0.00	20	0.00	20	45.17	20	-39.45	20	0.00	20
302	-3	-69	Min.	150.00	10.60	20	0.00	20	0.00	20	7.43	20	0.00	20	0.00	20
302	-68	-3	Max	0.00	-10.60	20	0.00	20	0.00	20	-7.43	20	0.00	20	0.00	20
302	-68	-3	Max	150.00	-64.51	20	0.00	20	0.00	20	-45.17	20	-39.45	20	0.00	20
302	-68	-3	Min.	0.00	-10.60	20	0.00	20	0.00	20	-7.43	20	0.00	20	0.00	20
302	-68	-3	Min.	150.00	-64.51	20	0.00	20	0.00	20	-45.17	20	-39.45	20	0.00	20
303	-29	-76	Max	0.00	92.91	20	0.00	20	0.00	20	65.05	20	-59.93	20	0.00	20
303	-29	-76	Max	150.00	21.21	20	0.00	20	0.00	20	14.85	20	0.00	20	0.00	20
303	-29	-76	Min.	0.00	92.91	20	0.00	20	0.00	20	65.05	20	-59.93	20	0.00	20
303	-29	-76	Min.	150.00	21.21	20	0.00	20	0.00	20	14.85	20	0.00	20	0.00	20
303	-75	-29	Max	0.00	-21.21	20	0.00	20	0.00	20	-14.85	20	0.00	20	0.00	20
303	-75	-29	Max	150.00	-92.90	20	0.00	20	0.00	20	-65.05	20	-59.93	20	0.00	20
303	-75	-29	Min.	0.00	-21.21	20	0.00	20	0.00	20	-14.85	20	0.00	20	0.00	20
303	-75	-29	Min.	150.00	-92.90	20	0.00	20	0.00	20	-65.05	20	-59.93	20	0.00	20
304	201	-77	Max	0.00	88.11	20	0.00	20	0.00	20	61.69	20	-56.47	20	0.00	20
304	201	-77	Max	150.00	19.42	20	0.00	20	0.00	20	13.60	20	0.00	20	0.00	20
304	201	-77	Min.	0.00	88.11	20	0.00	20	0.00	20	61.69	20	-56.47	20	0.00	20
304	201	-77	Min.	150.00	19.42	20	0.00	20	0.00	20	13.60	20	0.00	20	0.00	20
304	-78	201	Max	0.00	-19.42	20	0.00	20	0.00	20	-13.60	20	0.00	20	0.00	20
304	-78	201	Max	150.00	-88.11	20	0.00	20	0.00	20	-61.69	20	-56.47	20	0.00	20
304	-78	201	Min.	0.00	-19.42	20	0.00	20	0.00	20	-13.60	20	0.00	20	0.00	20
304	-78	201	Min.	150.00	-88.11	20	0.00	20	0.00	20	-61.69	20	-56.47	20	0.00	20
305	-6	-48	Max	0.00	88.11	20	0.00	20	0.00	20	61.69	20	-56.47	20	0.00	20
305	-6	-48	Max	150.00	19.42	20	0.00	20	0.00	20	13.60	20	0.00	20	0.00	20
305	-6	-48	Min.	0.00	88.11	20	0.00	20	0.00	20	61.69	20	-56.47	20	0.00	20
305	-6	-48	Min.	150.00	19.42	20	0.00	20	0.00	20	13.60	20	0.00	20	0.00	20
305	-47	-6	Max	0.00	-19.42	20	0.00	20	0.00	20	-13.60	20	0.00	20	0.00	20
305	-47	-6	Max	150.00	-88.11	20	0.00	20	0.00	20	-61.69	20	-56.47	20	0.00	20
305	-47	-6	Min.	0.00	-19.42	20	0.00	20	0.00	20	-13.60	20	0.00	20	0.00	20
305	-47	-6	Min.	150.00	-88.11	20	0.00	20	0.00	20	-61.69	20	-56.47	20	0.00	20
306	-7	-50	Max	0.00	88.11	20	0.00	20	0.00	20	61.69	20	-56.47	20	0.00	20
306	-7	-50	Max	150.00	19.42	20	0.00	20	0.00	20	13.60	20	0.00	20	0.00	20
306	-7	-50	Min.	0.00	88.11	20	0.00	20	0.00	20	61.69	20	-56.47	20	0.00	20
306	-7	-50	Min.	150.00	19.42	20	0.00	20	0.00	20	13.60	20	0.00	20	0.00	20
306	-49	-7	Max	0.00	-19.42	20	0.00	20	0.00	20	-13.60	20	0.00	20	0.00	20
306	-49	-7	Max	150.00	-88.11	20	0.00	20	0.00	20	-61.69	20	-56.47	20	0.00	20
306	-49	-7	Min.	0.00	-19.42	20	0.00	20	0.00	20	-13.60	20	0.00	20	0.00	20
306	-49	-7	Min.	150.00	-88.11	20	0.00	20	0.00	20	-61.69	20	-56.47	20	0.00	20
307	-8	-52	Max	0.00	88.11	20	0.00	20	0.00	20	61.69	20	-56.47	20	0.00	20
307	-8	-52	Max	150.00	19.42	20	0.00	20	0.00	20	13.60	20	0.00	20	0.00	20
307	-8	-52	Min.	0.00	88.11	20	0.00	20	0.00	20	61.69	20	-56.47	20	0.00	20
307	-8	-52	Min.	150.00	19.42	20	0.00	20	0.00	20	13.60	20	0.00	20	0.00	20
307	-51	-8	Max	0.00	-19.42	20	0.00	20	0.00	20	-13.60	20	0.00	20	0.00	20
307	-51	-8	Max	150.00	-88.11	20	0.00	20	0.00	20	-61.69	20	-56.47	20	0.00	20
307	-51	-8	Min.	0.00	-19.42	20	0.00	20	0.00	20	-13.60	20	0.00	20	0.00	20
307	-51	-8	Min.	150.00	-88.11	20	0.00	20	0.00	20	-61.69	20	-56.47	20	0.00	20
308	-9	-54	Max	0.00	88.11	20	0.00	20	0.00	20	61.69	20	-56.47	20	0.00	20
308	-9	-54	Max	150.00	19.42	20	0.00	20	0.00	20	13.60	20	0.00	20	0.00	20
308	-9	-54	Min.	0.00	88.11	20	0.00	20	0.00	20	61.69	20	-56.47	20	0.00	20
308	-9	-54	Min.	150.00	19.42	20	0.00	20	0.00	20	13.60	20	0.00	20	0.00	20
308	-53	-9	Max	0.00	-19.42	20	0.00	20	0.00	20	-13.60	20	0.00	20	0.00	20
308	-53	-9	Max	150.00	-88.11	20	0.00	20	0.00	20	-61.69	20	-56.47	20	0.00	20
308	-53	-9	Min.	0.00	-19.42	20	0.00	20	0.00	20	-13.60	20	0.00	20	0.00	20
308	-53	-9	Min.	150.00	-88.11	20	0.00	20	0.00	20	-61.69	20	-56.47	20	0.00	20
309	-10	-56	Max	0.00	62.11	20	0.00	20	0.00	20	43.49	20	-37.72	20	0.00	20
309	-10	-56	Max	150.00	9.71	20	0.00	20	0.00	20	6.80	20	0.00	20	0.00	20
309	-10	-56	Min.	0.00	62.11	20	0.00	20	0.00	20	43.49	20	-37.72	20	0.00	20
309	-10	-56	Min.	150.00	9.71	20	0.00	20	0.00	20	6.80	20	0.00	20	0.00	20
309	-55	-10	Max	0.00	-9.71	20	0.00	20	0.00	20	-6.80	20	0.00	20	0.00	20
309	-55	-10	Max	150.00	-62.11	20	0.00	20	0.00	20	-43.49	20	-37.72	20	0.00	20
309	-55	-10	Min.	0.00	-9.71	20	0.00	20	0.00	20	-6.80	20	0.00	20	0.00	20
309	-55	-10	Min.	150.00	-62.11	20	0.00	20	0.00	20	-43.49	20	-37.72	20	0.00	20
310	-11	-58	Max	0.00	62.18	20	0.00	20	0.00	20	43.54	20	-37.76	20	0.00	20
310	-11	-58	Max	150.00	9.73	20	0.00	20	0.00	20	6.81	20	0.00	20	0.00	20
310	-11	-58	Min.	0.00	62.18	20	0.00	20	0.00	20	43.54	20	-37.76	20	0.00	20
310	-11	-58	Min.	150.00	9.73	20	0.00	20	0.00	20	6.81	20	0.00	20	0.00	20
310	-57	-11	Max	0.00	-9.73	20	0.00	20	0.00	20	-6.81	20	0.00	20	0.00	20
310	-57	-11	Max	150.00	-62.18	20	0.00	20	0.00	20	-43.54	20	-37.76	20	0.00	20
310	-57	-11	Min.	0.00	-9.73	20	0.00	20	0.00	20	-6.81	20	0.00	20	0.00	20
310	-57	-11	Min.	150.00	-62.18	20	0.00	20	0.00	20	-43.54	20	-37.76	20	0.00	20
311	-12	-60	Max	0.00	88.24	20	0.00	20	0.00	20	61.78	20	-56.56	20	0.00	20
311	-12	-60	Max	150.00	19.47	20	0.00	20	0.00	20	13.63	20	0.00	20	0.00	20
311	-12	-60	Min.	0.00	88.24	20	0.00	20	0.00	20	61.78	20	-56.56	20	0.00	20
311	-12	-60	Min.	150.00	19.47	20	0.00	20	0.00	20	13.63	20	0.00	20	0.00	20
311	-59	-12	Max	0.00	-19.47	20	0.00	20	0.00	20	-13.63	20	0.00	20	0.00	20

311	-59	-12	Max	150.00	-88.24	20	0.00	20	0.00	20	-61.78	20	-56.56	20	0.00	20
311	-59	-12	Min.	0.00	-19.47	20	0.00	20	0.00	20	-13.63	20	0.00	20	0.00	20
311	-59	-12	Min.	150.00	-88.24	20	0.00	20	0.00	20	-61.78	20	-56.56	20	0.00	20
312	-13	-62	Max	0.00	88.24	20	0.00	20	0.00	20	61.78	20	-56.56	20	0.00	20
312	-13	-62	Max	150.00	19.47	20	0.00	20	0.00	20	13.63	20	0.00	20	0.00	20
312	-13	-62	Min.	0.00	88.24	20	0.00	20	0.00	20	61.78	20	-56.56	20	0.00	20
312	-13	-62	Min.	150.00	19.47	20	0.00	20	0.00	20	13.63	20	0.00	20	0.00	20
312	-61	-13	Max	0.00	-19.47	20	0.00	20	0.00	20	-13.63	20	0.00	20	0.00	20
312	-61	-13	Max	150.00	-88.24	20	0.00	20	0.00	20	-61.78	20	-56.56	20	0.00	20
312	-61	-13	Min.	0.00	-19.47	20	0.00	20	0.00	20	-13.63	20	0.00	20	0.00	20
312	-61	-13	Min.	150.00	-88.24	20	0.00	20	0.00	20	-61.78	20	-56.56	20	0.00	20
313	-14	-64	Max	0.00	88.24	20	0.00	20	0.00	20	61.78	20	-56.56	20	0.00	20
313	-14	-64	Max	150.00	19.47	20	0.00	20	0.00	20	13.63	20	0.00	20	0.00	20
313	-14	-64	Min.	0.00	88.24	20	0.00	20	0.00	20	61.78	20	-56.56	20	0.00	20
313	-14	-64	Min.	150.00	19.47	20	0.00	20	0.00	20	13.63	20	0.00	20	0.00	20
313	-63	-14	Max	0.00	-19.47	20	0.00	20	0.00	20	-13.63	20	0.00	20	0.00	20
313	-63	-14	Max	150.00	-88.24	20	0.00	20	0.00	20	-61.78	20	-56.56	20	0.00	20
313	-63	-14	Min.	0.00	-19.47	20	0.00	20	0.00	20	-13.63	20	0.00	20	0.00	20
313	-63	-14	Min.	150.00	-88.24	20	0.00	20	0.00	20	-61.78	20	-56.56	20	0.00	20
314	-15	-66	Max	0.00	88.24	20	0.00	20	0.00	20	61.78	20	-56.56	20	0.00	20
314	-15	-66	Max	150.00	19.47	20	0.00	20	0.00	20	13.63	20	0.00	20	0.00	20
314	-15	-66	Min.	0.00	88.24	20	0.00	20	0.00	20	61.78	20	-56.56	20	0.00	20
314	-15	-66	Min.	150.00	19.47	20	0.00	20	0.00	20	13.63	20	0.00	20	0.00	20
314	-65	-15	Max	0.00	-19.47	20	0.00	20	0.00	20	-13.63	20	0.00	20	0.00	20
314	-65	-15	Max	150.00	-88.24	20	0.00	20	0.00	20	-61.78	20	-56.56	20	0.00	20
314	-65	-15	Min.	0.00	-19.47	20	0.00	20	0.00	20	-13.63	20	0.00	20	0.00	20
314	-65	-15	Min.	150.00	-88.24	20	0.00	20	0.00	20	-61.78	20	-56.56	20	0.00	20
315	203	-67	Max	0.00	90.57	20	0.00	20	0.00	20	63.42	20	-58.24	20	0.00	20
315	203	-67	Max	150.00	20.34	20	0.00	20	0.00	20	14.24	20	0.00	20	0.00	20
315	203	-67	Min.	0.00	90.57	20	0.00	20	0.00	20	63.42	20	-58.24	20	0.00	20
315	203	-67	Min.	150.00	20.34	20	0.00	20	0.00	20	14.24	20	0.00	20	0.00	20
315	-72	203	Max	0.00	-20.34	20	0.00	20	0.00	20	-14.24	20	0.00	20	0.00	20
315	-72	203	Max	150.00	-90.57	20	0.00	20	0.00	20	-63.42	20	-58.24	20	0.00	20
315	-72	203	Min.	0.00	-20.34	20	0.00	20	0.00	20	-14.24	20	0.00	20	0.00	20
315	-72	203	Min.	150.00	-90.57	20	0.00	20	0.00	20	-63.42	20	-58.24	20	0.00	20
316	-26	-74	Max	0.00	92.90	20	0.00	20	0.00	20	65.05	20	-59.93	20	0.00	20
316	-26	-74	Max	150.00	21.21	20	0.00	20	0.00	20	14.85	20	0.00	20	0.00	20
316	-26	-74	Min.	0.00	92.90	20	0.00	20	0.00	20	65.05	20	-59.93	20	0.00	20
316	-26	-74	Min.	150.00	21.21	20	0.00	20	0.00	20	14.85	20	0.00	20	0.00	20
316	-73	-26	Max	0.00	-21.21	20	0.00	20	0.00	20	-14.85	20	0.00	20	0.00	20
316	-73	-26	Max	150.00	-92.90	20	0.00	20	0.00	20	-65.05	20	-59.93	20	0.00	20
316	-73	-26	Min.	0.00	-21.21	20	0.00	20	0.00	20	-14.85	20	0.00	20	0.00	20
316	-73	-26	Min.	150.00	-92.90	20	0.00	20	0.00	20	-65.05	20	-59.93	20	0.00	20
317	-18	-71	Max	0.00	64.51	20	0.00	20	0.00	20	45.17	20	-39.45	20	0.00	20
317	-18	-71	Max	150.00	10.60	20	0.00	20	0.00	20	7.42	20	0.00	20	0.00	20
317	-18	-71	Min.	0.00	64.51	20	0.00	20	0.00	20	45.17	20	-39.45	20	0.00	20
317	-18	-71	Min.	150.00	10.60	20	0.00	20	0.00	20	7.42	20	0.00	20	0.00	20
317	-70	-18	Max	0.00	-10.60	20	0.00	20	0.00	20	-7.43	20	0.00	20	0.00	20
317	-70	-18	Max	150.00	-64.51	20	0.00	20	0.00	20	-45.17	20	-39.45	20	0.00	20
317	-70	-18	Min.	0.00	-10.60	20	0.00	20	0.00	20	-7.43	20	0.00	20	0.00	20
317	-70	-18	Min.	150.00	-64.51	20	0.00	20	0.00	20	-45.17	20	-39.45	20	0.00	20

Verifiche aste in acciaio

Simbologia

Φ_{LT}		= Coefficiente Φ per stabilità laterale membrature inflesse
Φ_y		= Coefficiente Φ per inflessione intorno all'asse y(c)
Φ_z		= Coefficiente Φ per inflessione intorno all'asse z(e)
α_{imp}		= Coefficiente di imperfezione
αmy, αmz, αLT		= Coefficienti correttivi per il momento flettente
β_{LT}		= Coefficiente per calcolo Φ_{LT}
χ_{LT}		= Coefficiente di riduzione per stabilità laterale membrature inflesse
χ_y		= Coefficiente χ di riduzione per instabilità intorno all'asse y(c)
χ_z		= Coefficiente χ di riduzione per instabilità intorno all'asse z(e)
δ	<cm>	= Spostamento relativo asta
λ^*_y		= Snellezza adimensionale per inflessione intorno all'asse y(c)
λ^*_z		= Snellezza adimensionale per inflessione intorno all'asse z(e)
λ_{LT}		= Coefficiente di imperfezione per stabilità laterale membrature inflesse
$\lambda_{LT,0}$		= Coefficiente di imperfezione di confronto per stabilità laterale membrature inflesse
λ_y		= Snellezza per inflessione intorno all'asse y(c)
λ_z		= Snellezza per inflessione intorno all'asse z(e)
$\sigma_{ID,max}$	<daN/cmq>	= Tensione ideale massima
σ_M	<daN/cmq>	= Tensione normale per momento flettente
σ_N	<daN/cmq>	= Tensione normale per sforzo normale
τ	<daN/cmq>	= Tensione tangenziale per taglio e/o torsione
ψ		= Coeff. di correzione momento critico per stabilità laterale membrature inflesse
Aeff	<cmq>	= Area effettiva per trazione
Anet	<cmq>	= Area netta per compressione
Area	<cmq>	= Area
Atag,y	<cmq>	= Area resistente a taglio in dir. Y
Atag,z	<cmq>	= Area resistente a taglio in dir. Z
CC		= Numero della combinazione delle condizioni di carico elementari
Cod.		= Codice
Curva		= Curva di instabilità adottata
D	<cm>	= Distanza
Fyk	<daN/cmq>	= Tensione caratteristica di snervamento dell'acciaio
Fyt	<daN/cmq>	= Tensione caratteristica di rottura
Iy	<cm>	= Raggio giratorio d'inerzia rispetto all'asse Y
Iz	<cm>	= Raggio giratorio d'inerzia rispetto all'asse Z
Jω	<cm6>	= Costante di ingobbamento
Jy	<cm4>	= Momento d'inerzia rispetto all'asse Y
Jz	<cm4>	= Momento d'inerzia rispetto all'asse Z
Kyy, Kyz, Kzy, Kzz		= Coefficienti di interazione
L	<m>	= Lunghezza dell'asta
L_{cr}	<m>	= Lunghezza di libera inflessione laterale fra ritegni torsionali
M,cr	<daNm>	= Momento critico per instabilità flesso torsionale
MNy,c,Rd	<daNm>	= Resistenza di calcolo a pressoflessione intorno all'asse Y
Mx	<daNm>	= Momento torcente intorno all'asse X
My	<daNm>	= Momento flettente intorno all'asse Y
My,Ed	<daNm>	= Momento flettente di calcolo intorno all'asse Y

My,V,c,Rd	<daNm>	= Resistenza di calcolo a flessione ridotta per taglio intorno all'asse Y
Mz	<daNm>	= Momento flettente intorno all'asse Z
Mz,Ed	<daNm>	= Momento flettente di calcolo intorno all'asse Z
N	<daN>	= Sforzo normale
N,Ed	<daN>	= Forza assiale di calcolo
Nc,Rd	<daN>	= Resistenza a compressione
Ncr,y	<daN>	= Sforzo normale critico euleriano per inflessione intorno all'asse y(c)
Ncr,z	<daN>	= Sforzo normale critico euleriano per inflessione intorno all'asse z(e)
Sez.		= Numero della sezione
Tipo		= Tipologia Rc = Rettangolare cava Is = I stondata
Tp		= Tipo di acciaio
Ty	<daN>	= Taglio in dir. Y
Tz	<daN>	= Taglio in dir. Z
V,Ed	<daN>	= Forza di taglio di calcolo
Vc,Rd	<daN>	= Resistenza a taglio
Vc,Rd,Red	<daN>	= Resistenza a taglio ridotta
Wy,plas	<cmc>	= Modulo di resistenza plastico intorno all'asse Y
Wymin	<cmc>	= Modulo di resistenza minimo rispetto all'asse Y
Wz,plas	<cmc>	= Modulo di resistenza plastico intorno all'asse Z
Wzmin	<cmc>	= Modulo di resistenza minimo rispetto all'asse Z
Xl	<m>	= Coordinata progressiva (dal nodo iniziale dell'asta) in cui viene effettuato il progetto/verifica
f		= Fattore di modifica per il coefficiente di riduzione
$f_{z,G}$	<cm>	= Freccia in direzione Z globale
$f_{z,L}$	<cm>	= Freccia in direzione Z locale
k_c		= Coeff. di correzione momento flettente per stabilità laterale membrature inflesse

Caratteristiche profilati utilizzati

Sez.	Cod.	Tipo	D <cm>	Area <cmq>	Anet <cmq>	Aeff <cmq>	Jy <cm4>	Jz <cm4>	Iy <cm>	Iz <cm>	Wymin <cmc>	Wzmin <cmc>	Tp	Fyk <daN/cmq>	Fyt <daN/cmq>
1	COL HEA240	Is	--	76.84	76.84	76.84	7763.40	2768.81	10.05	6.00	675.08	230.73	S355 UNI EN 10025-2	3550.00	5100.00
2	TRV PRINC SHS200x200x8	Rc	--	61.44	61.44	61.44	3781.43	3781.43	7.85	7.85	378.14	378.14	S355H UNI EN 10210-1	3550.00	5100.00
3	TRV SEC RHS150x100x8	Rc	--	37.44	37.44	37.44	1128.23	588.15	5.49	3.96	150.43	117.63	S355H UNI EN 10210-1	3550.00	5100.00

Caratteristiche profilati utilizzati

Sez.	Cod.	Wy,plas <cmc>	Wz,plas <cmc>	Atag,y <cmq>	Atag,z <cmq>	Jω <cm6>
1	COL HEA240	747.99	352.10	64.54	25.18	328486.00
2	TRV PRINC SHS200x200x8	442.62	442.62	30.72	30.72	
3	TRV SEC RHS150x100x8	185.42	138.62	14.98	22.46	

Asta n. 1 (315 -45) - Sez. 1 (COL HEA240) - Crit. 1

- Verifica in termini tensionali [4.2.4] - CC 7 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=-1906.11 T_z=-269.52 M_y=-937.05 T_y=-744.64 M_z=1517.62
  Tensioni: σ_N=-24.81 $\sigma_{m,d}$=-796.54 τ=0.00 σ_{max}=-821.35 (sfrut=0.24)
  Tensioni: σ_N=-24.81 $\sigma_{m,d}$=259.98 τ=18.67 τ_{max}=18.67 (sfrut=0.01)
  Tensioni: σ_N=-24.81 $\sigma_{m,d}$=-796.54 τ=0.00 $\sigma_{ID,max}$=821.35 (sfrut=0.24)

- Verifica a taglio Dir. Y [4.2.16] - CC 17 SLU Xl=0.00 - Classe 2
  Sollecitazioni: T_y=-92.39
  V,Ed=-92.39 Vc,Rd=125981.00 V,Ed/Vc,Rd=0.00

- Verifica in termini tensionali [4.2.4] - CC 21 SLU Xl=0.00 - Classe 3
  Sollecitazioni: N=-244.65 T_z=-3260.61 M_y=-10776.00 T_y=37.75 M_z=-39.83 M_x=-2.34
  Tensioni: σ_N=-3.18 $\sigma_{m,d}$=-1613.52 τ=7.52 σ_{max}=-1616.70 (sfrut=0.48)
  Tensioni: σ_N=-3.18 $\sigma_{m,d}$=-0.54 τ=221.91 τ_{max}=221.91 (sfrut=0.11)
  Tensioni: σ_N=-3.18 $\sigma_{m,d}$=-1613.52 τ=7.52 $\sigma_{ID,max}$=1616.76 (sfrut=0.48)

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 21 SLU - Classe 3
  Sollecitazioni: N,Ed=-244.65 My,Ed=-10776.00 Mz,Ed=84.75 L=3.30
  αmy, αmz, αLT=0.95, 0.95, 0.95
  L_{cr}=3.30 Curva b: α_{imp}=0.34 k_c=0.94 ψ=1.75 M,cr=122181.00 λ_{LT}=0.44
  $\lambda_{LT,0}$=0.40 Φ_{LT}=0.58 β_{LT}=0.75 f=0.98 χ_{LT}=1.00
  λ_y=32.83 Ncr,y=1477550.00 λ^*_y=0.43 Curva b: Φ_y=0.63 χ_y=0.91
  λ_z=54.97 Ncr,z=526968.00 λ^*_z=0.72 Curva c: Φ_z=0.89 χ_z=0.71
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.45+0.01=0.46
  Verifica ZZ: 0.00+0.36+0.01=0.37

- Verifica Spostamento relativo massimo per singola asta - CC 23
  δ=1.65 (L/199)

Asta n. 2 (2 202) - Sez. 1 (COL HEA240) - Crit. 1

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=-1723.86 T_z=260.09 M_y=902.12 T_y=1107.96 M_z=-1937.71
  Tensioni: σ_N=-22.43 $\sigma_{m,d}$=-973.43 τ=0.00 σ_{max}=-995.87 (sfrut=0.29)
  Tensioni: σ_N=-22.43 $\sigma_{m,d}$=-292.90 τ=27.67 τ_{max}=27.67 (sfrut=0.01)
  Tensioni: σ_N=-22.43 $\sigma_{m,d}$=-973.43 τ=0.00 $\sigma_{ID,max}$=995.87 (sfrut=0.29)

- Verifica a taglio e torsione Dir. Y [4.2.24] - CC 21 SLU Xl=1.20 - Classe 2
  Sollecitazioni: T_y=-3.60 M_x=1.80
  V,Ed=-3.60 Vc,Rd,Red=125831.00 V,Ed/Vc,Rd,Red=0.00

- Verifica a taglio e torsione Dir. Z [4.2.24] - CC 21 SLU Xl=1.20 - Classe 2
  Sollecitazioni: T_z=-3414.48 M_x=1.80
  V,Ed=-3414.48 Vc,Rd,Red=49090.00 V,Ed/Vc,Rd,Red=0.07

- Verifica in termini tensionali [4.2.4] - CC 21 SLU Xl=0.00 - Classe 3
  Sollecitazioni: N=-317.23 T_z=-3414.48 M_y=-11171.80 T_y=-3.60 M_z=5.08 M_x=1.80
  Tensioni: σ_N=-4.13 $\sigma_{m,d}$=-1657.10 τ=5.80 σ_{max}=-1661.23 (sfrut=0.49)
  Tensioni: σ_N=-4.13 $\sigma_{m,d}$=0.07 τ=232.32 τ_{max}=232.32 (sfrut=0.12)
  Tensioni: σ_N=-4.13 $\sigma_{m,d}$=-1657.10 τ=5.80 $\sigma_{ID,max}$=1661.26 (sfrut=0.49)

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 21 SLU - Classe 3
  Sollecitazioni: N,Ed=-317.23 My,Ed=-11171.80 Mz,Ed=-6.79 L=3.30
  αmy, αmz, αLT=0.95, 0.95, 0.95
  L_{cr}=3.30 Curva b: α_{imp}=0.34 k_c=0.94 ψ=1.76 M,cr=122921.00 λ_{LT}=0.44
  $\lambda_{LT,0}$=0.40 Φ_{LT}=0.58 β_{LT}=0.75 f=0.98 χ_{LT}=1.00

λ_Y=32.83 Ncr,y=1477550.00 λ^*_y=0.43 Curva b: Φ_y=0.63 χ_y=0.91
λ_Z=54.97 Ncr,z=526968.00 λ^*_z=0.72 Curva c: Φ_z=0.89 χ_z=0.71
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.47+0.00=0.47
Verifica ZZ: 0.00+0.37+0.00=0.37

- Verifica Spostamento relativo massimo per singola asta - CC 23
δ=1.71 (L/193)

Asta n. 3 (3 203) - Sez. 1 (COL HEA240) - Crit. 1

- Verifica in termini tensionali [4.2.4] - CC 5 SND Xl=0.00 - Classe 3
Sollecitazioni: N=-1259.65 T_z=248.76 M_y=868.16 T_y=-797.32 M_z=1574.37
Tensioni: σ_N=-16.39 $\sigma_{m,d}$=-810.93 τ=0.00 σ_{max}=-827.33 (sfrut=0.24)
Tensioni: σ_N=-16.39 $\sigma_{m,d}$=25.55 τ=19.96 τ_{max}=19.96 (sfrut=0.01)
Tensioni: σ_N=-16.39 $\sigma_{m,d}$=-810.93 τ=0.00 $\sigma_{ID,max}$=827.33 (sfrut=0.24)

- Verifica a taglio Dir. Y [4.2.16] - CC 17 SLU Xl=0.00 - Classe 2
Sollecitazioni: T_y=-84.57
V,Ed=-84.57 Vc,Rd=125981.00 V,Ed/Vc,Rd=0.00

- Verifica in termini tensionali [4.2.4] - CC 21 SLU Xl=0.00 - Classe 3
Sollecitazioni: N=-250.53 T_z=-2945.98 M_y=-9801.71 T_y=-34.16 M_z=38.27
Tensioni: σ_N=-3.26 $\sigma_{m,d}$=-1468.52 τ=0.00 σ_{max}=-1471.78 (sfrut=0.44)
Tensioni: σ_N=-3.26 $\sigma_{m,d}$=0.52 τ=200.38 τ_{max}=200.38 (sfrut=0.10)
Tensioni: σ_N=-3.26 $\sigma_{m,d}$=-1468.52 τ=0.00 $\sigma_{ID,max}$=1471.78 (sfrut=0.44)

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 21 SLU - Classe 3
Sollecitazioni: N,Ed=-250.53 My,Ed=-9801.71 Mz,Ed=-74.45 L=3.30
αmy, αmz, αLT=0.95, 0.95, 0.95
L_{cr}=3.30 Curva b: α_{imp}=0.34 k_c=0.94 ψ=1.74 M,cr=121692.00 λ_{LT}=0.44
$\lambda_{LT,0}$=0.40 Φ_{LT}=0.58 β_{LT}=0.75 f=0.98 χ_{LT}=1.00
λ_Y=32.83 Ncr,y=1477550.00 λ^*_y=0.43 Curva b: Φ_y=0.63 χ_y=0.91
λ_Z=54.97 Ncr,z=526968.00 λ^*_z=0.72 Curva c: Φ_z=0.89 χ_z=0.71
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.41+0.01=0.42
Verifica ZZ: 0.00+0.33+0.01=0.34

- Verifica Spostamento relativo massimo per singola asta - CC 23
δ=1.51 (L/218)

Asta n. 201 (-3 -29) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 15 SND Xl=1.45 - Classe 3
Sollecitazioni: N=29.73 T_z=-227.34 M_y=285.11 T_y=-99.09 M_z=-148.02 M_x=-21.60
Tensioni: σ_N=0.48 $\sigma_{m,d}$=114.54 τ=3.66 σ_{max}=115.02 (sfrut=0.03)
Tensioni: σ_N=0.48 $\sigma_{m,d}$=-36.01 τ=11.98 τ_{max}=11.98 (sfrut=0.01)
Tensioni: σ_N=0.48 $\sigma_{m,d}$=114.54 τ=3.66 $\sigma_{ID,max}$=115.20 (sfrut=0.03)

- Verifica a taglio Dir. Y [4.2.16] - CC 28 SLU Xl=0.00
Sollecitazioni: T_y=240.66
V,Ed=240.66 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.00

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=0.00
Sollecitazioni: T_z=-409.50
V,Ed=-409.50 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.01

- Verifica in termini tensionali [4.2.4] - CC 28 SLU Xl=1.45 - Classe 3
Sollecitazioni: T_z=-500.29 M_y=658.68 T_y=240.66 M_z=348.47
Tensioni: σ_N=0.00 $\sigma_{m,d}$=-266.34 τ=0.00 σ_{max}=-266.34 (sfrut=0.08)
Tensioni: σ_N=0.00 $\sigma_{m,d}$=84.78 τ=18.31 τ_{max}=18.31 (sfrut=0.01)
Tensioni: σ_N=0.00 $\sigma_{m,d}$=-266.34 τ=0.00 $\sigma_{ID,max}$=266.34 (sfrut=0.08)

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 3
Sollecitazioni: My,Ed=658.68 Mz,Ed=348.47 L=1.45
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_Y=18.46 Ncr,y=3737980.00 λ^*_y=0.24 Curva a: Φ_y=0.53 χ_y=0.99
λ_Z=18.46 Ncr,z=3737980.00 λ^*_z=0.24 Curva a: Φ_z=0.53 χ_z=0.99
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.05+0.03=0.07
Verifica ZZ: 0.00+0.04+0.03=0.07

Asta n. 201 (-29 -45) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 15 SND Xl=1.45 - Classe 3
Sollecitazioni: N=75.56 T_z=-524.01 M_y=1003.16 T_y=-251.86 M_z=-519.60 M_x=-54.42
Tensioni: σ_N=1.23 $\sigma_{m,d}$=402.69 τ=9.23 σ_{max}=403.92 (sfrut=0.12)
Tensioni: σ_N=1.23 $\sigma_{m,d}$=-126.42 τ=28.40 τ_{max}=28.40 (sfrut=0.01)
Tensioni: σ_N=1.23 $\sigma_{m,d}$=402.69 τ=9.23 $\sigma_{ID,max}$=404.24 (sfrut=0.12)

- Verifica a taglio Dir. Z [4.2.16] - CC 17 SLU Xl=1.45 - Classe 1
Sollecitazioni: T_z=-857.02
V,Ed=-857.02 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.01

- Verifica in termini tensionali [4.2.4] - CC 28 SLU Xl=1.45 - Classe 3
Sollecitazioni: T_z=-1295.45 M_y=2468.76 T_y=721.97 M_z=1393.89
Tensioni: σ_N=0.00 $\sigma_{m,d}$=-1021.48 τ=0.00 σ_{max}=-1021.48 (sfrut=0.30)
Tensioni: σ_N=0.00 $\sigma_{m,d}$=339.12 τ=47.41 τ_{max}=47.41 (sfrut=0.02)
Tensioni: σ_N=0.00 $\sigma_{m,d}$=-1021.48 τ=0.00 $\sigma_{ID,max}$=1021.48 (sfrut=0.30)

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 3
Sollecitazioni: My,Ed=2468.76 Mz,Ed=1393.89 L=1.45
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_Y=18.46 Ncr,y=3737980.00 λ^*_y=0.24 Curva a: Φ_y=0.53 χ_y=0.99
λ_Z=18.46 Ncr,z=3737980.00 λ^*_z=0.24 Curva a: Φ_z=0.53 χ_z=0.99
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.18+0.10=0.29
Verifica ZZ: 0.00+0.15+0.10=0.25

Asta n. 202 (-45 201) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 7 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=-295.83 T_z=971.89 M_y=2012.83 T_y=134.88 M_z=-212.83 M_x=21.74
  Tensioni: σ_N=-4.81 $\sigma_{m,d}$=-588.58 τ=3.69 σ_{max}=-593.39 (sfrut=0.18)
  Tensioni: σ_N=-4.81 $\sigma_{m,d}$=-51.78 τ=39.24 τ_{max}=39.24 (sfrut=0.02)
  Tensioni: σ_N=-4.81 $\sigma_{m,d}$=-588.58 τ=3.69 $\sigma_{ID,max}$=593.43 (sfrut=0.18)

- Verifica a taglio Dir. Z [4.2.16] - CC 17 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=1254.06
  V,Ed=1254.06 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.02

- Verifica in termini tensionali [4.2.4] - CC 28 SLU Xl=0.00 - Classe 3
  Sollecitazioni: N=-165.10 T_z=1939.20 M_y=2866.49 T_y=-1114.11 M_z=1395.53 M_x=-11.25
  Tensioni: σ_N=-2.69 $\sigma_{m,d}$=-1127.09 τ=1.91 σ_{max}=-1129.78 (sfrut=0.33)
  Tensioni: σ_N=-2.69 $\sigma_{m,d}$=-339.52 τ=72.88 τ_{max}=72.88 (sfrut=0.04)
  Tensioni: σ_N=-2.69 $\sigma_{m,d}$=-1127.09 τ=1.91 $\sigma_{ID,max}$=1129.78 (sfrut=0.33)

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 3
  Sollecitazioni: N,Ed=-165.10 My,Ed=2866.49 Mz,Ed=1395.53 L=1.33
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=16.90 Ncr,y=4459710.00 λ^*_y=0.22 Curva a: Φ_y=0.53 χ_y=1.00
  λ_z=16.90 Ncr,z=4459710.00 λ^*_z=0.22 Curva a: Φ_z=0.53 χ_z=1.00
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.21+0.10=0.32
  Verifica ZZ: 0.00+0.17+0.10=0.27

Asta n. 202 (201 -6) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 3 SND Xl=1.33 - Classe 3
  Sollecitazioni: N=54.85 T_z=191.77 M_y=-794.11 T_y=46.20 M_z=108.97 M_x=20.07
  Tensioni: σ_N=0.89 $\sigma_{m,d}$=238.82 τ=3.40 σ_{max}=239.71 (sfrut=0.07)
  Tensioni: σ_N=0.89 $\sigma_{m,d}$=26.51 τ=10.42 τ_{max}=10.42 (sfrut=0.01)
  Tensioni: σ_N=0.89 $\sigma_{m,d}$=238.82 τ=3.40 $\sigma_{ID,max}$=239.79 (sfrut=0.07)

- Verifica a taglio Dir. Z [4.2.16] - CC 17 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=783.99
  V,Ed=783.99 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.01

- Verifica in termini tensionali [4.2.4] - CC 28 SLU Xl=1.33 - Classe 3
  Sollecitazioni: N=-165.10 T_z=1118.41 M_y=-1186.89 T_y=-673.46 M_z=-974.20 M_x=-11.25
  Tensioni: σ_N=-2.69 $\sigma_{m,d}$=-571.50 τ=1.91 σ_{max}=-574.19 (sfrut=0.17)
  Tensioni: σ_N=-2.69 $\sigma_{m,d}$=237.02 τ=42.84 τ_{max}=42.84 (sfrut=0.02)
  Tensioni: σ_N=-2.69 $\sigma_{m,d}$=-571.50 τ=1.91 $\sigma_{ID,max}$=574.20 (sfrut=0.17)

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 3
  Sollecitazioni: N,Ed=-165.10 My,Ed=-1186.89 Mz,Ed=-974.20 L=1.33
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=16.90 Ncr,y=4459710.00 λ^*_y=0.22 Curva a: Φ_y=0.53 χ_y=1.00
  λ_z=16.90 Ncr,z=4459710.00 λ^*_z=0.22 Curva a: Φ_z=0.53 χ_z=1.00
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.09+0.07=0.16
  Verifica ZZ: 0.00+0.07+0.07=0.14

Asta n. 202 (-6 -7) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 13 SND Xl=1.33 - Classe 3
  Sollecitazioni: N=-60.70 T_z=65.71 M_y=-682.35 T_y=79.41 M_z=409.79 M_x=24.43
  Tensioni: σ_N=-0.99 $\sigma_{m,d}$=-288.82 τ=4.14 σ_{max}=-289.81 (sfrut=0.09)
  Tensioni: σ_N=-0.99 $\sigma_{m,d}$=166.01 τ=7.05 τ_{max}=7.05 (sfrut=0.00)
  Tensioni: σ_N=-0.99 $\sigma_{m,d}$=-288.82 τ=4.14 $\sigma_{ID,max}$=289.89 (sfrut=0.09)

- Verifica a taglio Dir. Z [4.2.16] - CC 17 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=313.91
  V,Ed=313.91 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.01

- Verifica in termini tensionali [4.2.4] - CC 28 SLU Xl=1.33 - Classe 3
  Sollecitazioni: N=-165.10 T_z=380.75 M_y=-1746.69 T_y=-232.81 M_z=-1282.81 M_x=-11.25
  Tensioni: σ_N=-2.69 $\sigma_{m,d}$=-801.15 τ=1.91 σ_{max}=-803.84 (sfrut=0.24)
  Tensioni: σ_N=-2.69 $\sigma_{m,d}$=312.10 τ=15.84 τ_{max}=15.84 (sfrut=0.01)
  Tensioni: σ_N=-2.69 $\sigma_{m,d}$=-801.15 τ=1.91 $\sigma_{ID,max}$=803.85 (sfrut=0.24)

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 3
  Sollecitazioni: N,Ed=-165.10 My,Ed=-1746.69 Mz,Ed=-1282.81 L=1.33
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=16.90 Ncr,y=4459710.00 λ^*_y=0.22 Curva a: Φ_y=0.53 χ_y=1.00
  λ_z=16.90 Ncr,z=4459710.00 λ^*_z=0.22 Curva a: Φ_z=0.53 χ_z=1.00
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.13+0.10=0.23
  Verifica ZZ: 0.00+0.10+0.10=0.20

Asta n. 202 (-7 -8) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 13 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=-103.81 T_z=-149.41 M_y=-691.63 T_y=-64.28 M_z=416.29 M_x=-6.50
  Tensioni: σ_N=-1.69 $\sigma_{m,d}$=-292.99 τ=1.10 σ_{max}=-294.68 (sfrut=0.09)
  Tensioni: σ_N=-1.69 $\sigma_{m,d}$=101.28 τ=6.57 τ_{max}=6.57 (sfrut=0.00)
  Tensioni: σ_N=-1.69 $\sigma_{m,d}$=-292.99 τ=1.10 $\sigma_{ID,max}$=294.69 (sfrut=0.09)

- Verifica a taglio Dir. Z [4.2.16] - CC 17 SLU Xl=1.33 - Classe 1
  Sollecitazioni: T_z=-239.28
  V,Ed=-239.28 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.00

- Verifica in termini tensionali [4.2.4] - CC 28 SLU Xl=0.00 - Classe 3
  Sollecitazioni: N=-165.10 T_z=-273.80 M_y=-1746.70 T_y=207.84 M_z=-1282.82 M_x=-11.25
  Tensioni: σ_N=-2.69 $\sigma_{m,d}$=-801.16 τ=1.91 σ_{max}=-803.84 (sfrut=0.24)
  Tensioni: σ_N=-2.69 $\sigma_{m,d}$=-312.10 τ=11.93 τ_{max}=11.93 (sfrut=0.01)
  Tensioni: σ_N=-2.69 $\sigma_{m,d}$=-801.16 τ=1.91 $\sigma_{ID,max}$=803.85 (sfrut=0.24)

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 3
  Sollecitazioni: N,Ed=-165.10 My,Ed=-1746.70 Mz,Ed=-1282.82 L=1.33

αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=16.90 Ncr,y=4459710.00 λ^*_y=0.22 Curva a: Φ_y=0.53 χ_y=1.00
λ_z=16.90 Ncr,z=4459710.00 λ^*_z=0.22 Curva a: Φ_z=0.53 χ_z=1.00
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.13+0.10=0.23
Verifica ZZ: 0.00+0.10+0.10=0.20

Asta n. 202 (-8 -9) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 11 SND Xl=0.00 - Classe 3
Sollecitazioni: N=49.64 T_z=-297.33 M_y=-537.76 T_y=207.99 M_z=-337.56 M_x=37.42
Tensioni: σ_N=0.81 $\sigma_{m,d}$=231.48 τ=6.34 σ_{max}=232.29 (sfrut=0.07)
Tensioni: σ_N=0.81 $\sigma_{m,d}$=82.13 τ=17.23 τ_{max}=17.23 (sfrut=0.01)
Tensioni: σ_N=0.81 $\sigma_{m,d}$=231.48 τ=6.34 $\sigma_{ID,max}$=232.55 (sfrut=0.07)

- Verifica a taglio Dir. Z [4.2.16] - CC 17 SLU Xl=1.33 - Classe 1
Sollecitazioni: T_z=-709.36
V,Ed=-709.36 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.01

- Verifica in termini tensionali [4.2.4] - CC 28 SLU Xl=0.00 - Classe 3
Sollecitazioni: N=-165.10 T_z=-1011.47 M_y=-1328.63 T_y=648.49 M_z=-1007.29 M_x=-11.24
Tensioni: σ_N=-2.69 $\sigma_{m,d}$=-617.73 τ=1.91 σ_{max}=-620.42 (sfrut=0.18)
Tensioni: σ_N=-2.69 $\sigma_{m,d}$=-245.07 τ=38.93 τ_{max}=38.93 (sfrut=0.02)
Tensioni: σ_N=-2.69 $\sigma_{m,d}$=-617.73 τ=1.91 $\sigma_{ID,max}$=620.43 (sfrut=0.18)

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 3
Sollecitazioni: N,Ed=-165.10 My,Ed=-1328.63 Mz,Ed=-1007.29 L=1.33
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=16.90 Ncr,y=4459710.00 λ^*_y=0.22 Curva a: Φ_y=0.53 χ_y=1.00
λ_z=16.90 Ncr,z=4459710.00 λ^*_z=0.22 Curva a: Φ_z=0.53 χ_z=1.00
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.10+0.07=0.17
Verifica ZZ: 0.00+0.08+0.07=0.15

Asta n. 202 (-9 -10) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 3 SND Xl=1.33 - Classe 3
Sollecitazioni: N=-519.94 T_z=-924.45 M_y=1595.09 T_y=-126.24 M_z=-130.91 M_x=-17.04
Tensioni: σ_N=-8.46 $\sigma_{m,d}$=-456.44 τ=2.89 σ_{max}=-464.91 (sfrut=0.14)
Tensioni: σ_N=-8.46 $\sigma_{m,d}$=-31.85 τ=36.71 τ_{max}=36.71 (sfrut=0.02)
Tensioni: σ_N=-8.46 $\sigma_{m,d}$=-456.44 τ=2.89 $\sigma_{ID,max}$=464.93 (sfrut=0.14)

- Verifica a taglio Dir. Z [4.2.16] - CC 17 SLU Xl=1.33 - Classe 1
Sollecitazioni: T_z=-1179.43
V,Ed=-1179.43 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.02

- Verifica in termini tensionali [4.2.4] - CC 28 SLU Xl=1.33 - Classe 3
Sollecitazioni: N=-165.10 T_z=-1832.25 M_y=2441.11 T_y=1089.13 M_z=1296.17 M_x=-11.24
Tensioni: σ_N=-2.69 $\sigma_{m,d}$=-988.33 τ=1.91 σ_{max}=-991.01 (sfrut=0.29)
Tensioni: σ_N=-2.69 $\sigma_{m,d}$=315.35 τ=68.96 τ_{max}=68.96 (sfrut=0.04)
Tensioni: σ_N=-2.69 $\sigma_{m,d}$=-988.33 τ=1.91 $\sigma_{ID,max}$=991.02 (sfrut=0.29)

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 3
Sollecitazioni: N,Ed=-165.10 My,Ed=2441.11 Mz,Ed=1296.17 L=1.33
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=16.90 Ncr,y=4459710.00 λ^*_y=0.22 Curva a: Φ_y=0.53 χ_y=1.00
λ_z=16.90 Ncr,z=4459710.00 λ^*_z=0.22 Curva a: Φ_z=0.53 χ_z=1.00
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.18+0.10=0.28
Verifica ZZ: 0.00+0.15+0.10=0.24

Asta n. 202 (-10 202) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 3 SND Xl=0.20 - Classe 3
Sollecitazioni: N=-616.98 T_z=-1085.74 M_y=1790.66 T_y=-155.35 M_z=-147.53 M_x=-23.24
Tensioni: σ_N=-10.04 $\sigma_{m,d}$=-512.55 τ=3.94 σ_{max}=-522.60 (sfrut=0.15)
Tensioni: σ_N=-10.04 $\sigma_{m,d}$=-35.89 τ=43.66 τ_{max}=43.66 (sfrut=0.02)
Tensioni: σ_N=-10.04 $\sigma_{m,d}$=-512.55 τ=3.94 $\sigma_{ID,max}$=522.64 (sfrut=0.15)

- Verifica a taglio Dir. Z [4.2.16] - CC 17 SLU Xl=0.20 - Classe 1
Sollecitazioni: T_z=-1442.76
V,Ed=-1442.76 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.02

- Verifica in termini tensionali [4.2.4] - CC 28 SLU Xl=0.20 - Classe 3
Sollecitazioni: N=-165.10 T_z=-2229.37 M_y=2885.80 T_y=1309.46 M_z=1558.10 M_x=-11.24
Tensioni: σ_N=-2.69 $\sigma_{m,d}$=-1175.19 τ=1.91 σ_{max}=-1177.88 (sfrut=0.35)
Tensioni: σ_N=-2.69 $\sigma_{m,d}$=379.08 τ=83.50 τ_{max}=83.50 (sfrut=0.04)
Tensioni: σ_N=-2.69 $\sigma_{m,d}$=-1175.19 τ=1.91 $\sigma_{ID,max}$=1177.88 (sfrut=0.35)

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 3
Sollecitazioni: N,Ed=-165.10 My,Ed=2885.80 Mz,Ed=1558.10 L=0.20
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=2.55 Ncr,y=195931000.00 λ^*_y=0.03 Curva a: Φ_y=0.00 χ_y=1.00
λ_z=2.55 Ncr,z=195931000.00 λ^*_z=0.03 Curva a: Φ_z=0.00 χ_z=1.00
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.21+0.12=0.33
Verifica ZZ: 0.00+0.17+0.12=0.29

Asta n. 203 (202 -11) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 5 SND Xl=0.00 - Classe 3
Sollecitazioni: N=-324.56 T_z=1018.42 M_y=1668.44 T_y=-87.81 M_z=147.35 M_x=-22.01
Tensioni: σ_N=-5.28 $\sigma_{m,d}$=-480.19 τ=3.73 σ_{max}=-485.47 (sfrut=0.14)
Tensioni: σ_N=-5.28 $\sigma_{m,d}$=-35.85 τ=40.99 τ_{max}=40.99 (sfrut=0.02)
Tensioni: σ_N=-5.28 $\sigma_{m,d}$=-480.19 τ=3.73 $\sigma_{ID,max}$=485.51 (sfrut=0.14)

- Verifica a taglio Dir. Z [4.2.16] - CC 17 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=1218.65
V,Ed=1218.65 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.02

- Verifica in termini tensionali [4.2.4] - CC 28 SLU Xl=0.00 - Classe 3
  Sollecitazioni: N=112.74 T_z=1879.24 M_y=2304.58 T_y=-1096.00 M_z=1556.83 M_x=56.34
  Tensioni: σ_N=1.83 $\sigma_{m,d}$=1021.15 τ=9.55 σ_{max}=1022.98 (sfrut=0.30)
  Tensioni: σ_N=1.83 $\sigma_{m,d}$=378.77 τ=78.32 τ_{max}=78.32 (sfrut=0.04)
  Tensioni: σ_N=1.83 $\sigma_{m,d}$=1021.15 τ=9.55 $\sigma_{ID,max}$=1023.12 (sfrut=0.30)

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 3
  Sollecitazioni: My,Ed=2304.58 Mz,Ed=1556.83 L=0.20
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=2.55 Ncr,y=195931000.00 λ^*_y=0.03 Curva a: Φ_y=0.00 χ_y=1.00
  λ_z=2.55 Ncr,z=195931000.00 λ^*_z=0.03 Curva a: Φ_z=0.00 χ_z=1.00
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.17+0.12=0.29
  Verifica ZZ: 0.00+0.14+0.12=0.25

Asta n. 203 (-11 -12) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 7 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=-227.41 T_z=856.97 M_y=1486.40 T_y=105.05 M_z=-129.50 M_x=6.77
  Tensioni: σ_N=-3.70 $\sigma_{m,d}$=-427.33 τ=1.15 σ_{max}=-431.03 (sfrut=0.13)
  Tensioni: σ_N=-3.70 $\sigma_{m,d}$=-31.51 τ=32.50 τ_{max}=32.50 (sfrut=0.02)
  Tensioni: σ_N=-3.70 $\sigma_{m,d}$=-427.33 τ=1.15 $\sigma_{ID,max}$=431.03 (sfrut=0.13)

- Verifica a taglio e torsione Dir. Y [4.2.25] - CC 21 SLU Xl=1.33 - Classe 1
  Sollecitazioni: T_y=1242.21 M_x=-79.98
  V,Ed=1242.21 Vc,Rd,Red=59550.40 V,Ed/Vc,Rd,Red=0.02

- Verifica a taglio e torsione Dir. Z [4.2.25] - CC 21 SLU Xl=1.33 - Classe 1
  Sollecitazioni: T_z=-70.61 M_x=-79.98
  V,Ed=-70.61 Vc,Rd,Red=59550.40 V,Ed/Vc,Rd,Red=0.00

- Verifica in termini tensionali [4.2.4] - CC 28 SLU Xl=0.00 - Classe 3
  Sollecitazioni: N=112.74 T_z=1481.43 M_y=1929.98 T_y=-875.12 M_z=1337.63 M_x=56.34
  Tensioni: σ_N=1.83 $\sigma_{m,d}$=864.12 τ=9.55 σ_{max}=865.96 (sfrut=0.26)
  Tensioni: σ_N=1.83 $\sigma_{m,d}$=325.44 τ=63.77 τ_{max}=63.77 (sfrut=0.03)
  Tensioni: σ_N=1.83 $\sigma_{m,d}$=864.12 τ=9.55 $\sigma_{ID,max}$=866.11 (sfrut=0.26)

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 3
  Sollecitazioni: My,Ed=1929.98 Mz,Ed=1337.63 L=1.33
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=16.94 Ncr,y=4437370.00 λ^*_y=0.22 Curva a: Φ_y=0.53 χ_y=1.00
  λ_z=16.94 Ncr,z=4437370.00 λ^*_z=0.22 Curva a: Φ_z=0.53 χ_z=1.00
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.14+0.10=0.24
  Verifica ZZ: 0.00+0.11+0.10=0.21

Asta n. 203 (-12 -13) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 9 SND Xl=1.33 - Classe 3
  Sollecitazioni: N=98.31 T_z=143.14 M_y=-350.51 T_y=-135.87 M_z=-135.80 M_x=-5.30
  Tensioni: σ_N=1.60 $\sigma_{m,d}$=128.60 τ=0.90 σ_{max}=130.21 (sfrut=0.04)
  Tensioni: σ_N=1.60 $\sigma_{m,d}$=33.04 τ=6.14 τ_{max}=6.14 (sfrut=0.00)
  Tensioni: σ_N=1.60 $\sigma_{m,d}$=128.60 τ=0.90 $\sigma_{ID,max}$=130.21 (sfrut=0.04)

- Verifica a taglio e torsione Dir. Y [4.2.25] - CC 21 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_y=615.15 M_x=-79.98
  V,Ed=615.15 Vc,Rd,Red=59550.40 V,Ed/Vc,Rd,Red=0.01

- Verifica a taglio e torsione Dir. Z [4.2.25] - CC 21 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=21.88 M_x=-79.98
  V,Ed=21.88 Vc,Rd,Red=59550.40 V,Ed/Vc,Rd,Red=0.00

- Verifica in termini tensionali [4.2.4] - CC 28 SLU Xl=1.33 - Classe 3
  Sollecitazioni: N=112.74 T_z=658.88 M_y=-914.49 T_y=-433.37 M_z=-401.36 M_x=56.35
  Tensioni: σ_N=1.83 $\sigma_{m,d}$=347.98 τ=9.55 σ_{max}=349.81 (sfrut=0.10)
  Tensioni: σ_N=1.83 $\sigma_{m,d}$=-97.65 τ=33.67 τ_{max}=33.67 (sfrut=0.02)
  Tensioni: σ_N=1.83 $\sigma_{m,d}$=347.98 τ=9.55 $\sigma_{ID,max}$=350.20 (sfrut=0.10)

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 3
  Sollecitazioni: My,Ed=-914.49 Mz,Ed=-401.36 L=1.33
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=16.94 Ncr,y=4437360.00 λ^*_y=0.22 Curva a: Φ_y=0.53 χ_y=1.00
  λ_z=16.94 Ncr,z=4437360.00 λ^*_z=0.22 Curva a: Φ_z=0.53 χ_z=1.00
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.07+0.03=0.10
  Verifica ZZ: 0.00+0.05+0.03=0.08

Asta n. 203 (-13 -14) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 7 SND Xl=1.33 - Classe 3
  Sollecitazioni: N=60.49 T_z=233.80 M_y=-626.10 T_y=18.69 M_z=73.80 M_x=-11.81
  Tensioni: σ_N=0.98 $\sigma_{m,d}$=185.09 τ=2.00 σ_{max}=186.07 (sfrut=0.06)
  Tensioni: σ_N=0.98 $\sigma_{m,d}$=-17.95 τ=10.55 τ_{max}=10.55 (sfrut=0.01)
  Tensioni: σ_N=0.98 $\sigma_{m,d}$=185.09 τ=2.00 $\sigma_{ID,max}$=186.10 (sfrut=0.06)

- Verifica a taglio e torsione Dir. Y [4.2.25] - CC 3 SND Xl=0.97 - Classe 1
  Sollecitazioni: T_y=-27.71 M_x=-2.78
  V,Ed=-27.71 Vc,Rd,Red=59952.50 V,Ed/Vc,Rd,Red=0.00

- Verifica a taglio e torsione Dir. Z [4.2.25] - CC 3 SND Xl=0.97 - Classe 1
  Sollecitazioni: T_z=-318.26 M_x=-2.78
  V,Ed=-318.26 Vc,Rd,Red=59952.50 V,Ed/Vc,Rd,Red=0.01

- Verifica in termini tensionali [4.2.4] - CC 28 SLU Xl=0.00 - Classe 3
  Sollecitazioni: N=112.74 T_z=2.97 M_y=-914.49 T_y=8.39 M_z=-401.36 M_x=56.35
  Tensioni: σ_N=1.83 $\sigma_{m,d}$=347.98 τ=9.55 σ_{max}=349.81 (sfrut=0.10)
  Tensioni: σ_N=1.83 $\sigma_{m,d}$=222.49 τ=9.86 τ_{max}=9.86 (sfrut=0.01)
  Tensioni: σ_N=1.83 $\sigma_{m,d}$=347.98 τ=9.55 $\sigma_{ID,max}$=350.20 (sfrut=0.10)

Asta n. 203 (-14 -15) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 3 SND Xl=1.33 - Classe 3
  Sollecitazioni: N=-91.70 T_z=-615.27 M_y=741.07 T_y=-70.89 M_z=-82.75 M_x=-12.07
  Tensioni: σ_N=-1.49 $\sigma_{m,d}$=-217.86 τ=2.05 σ_{max}=-219.35 (sfrut=0.06)
  Tensioni: σ_N=-1.49 $\sigma_{m,d}$=-20.13 τ=24.55 τ_{max}=24.55 (sfrut=0.01)
  Tensioni: σ_N=-1.49 $\sigma_{m,d}$=-217.86 τ=2.05 $\sigma_{ID,max}$=219.38 (sfrut=0.06)

- Verifica a taglio Dir. Z [4.2.16] - CC 17 SLU Xl=1.33 - Classe 1
  Sollecitazioni: T_z=-541.26
  V,Ed=-541.26 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.01

- Verifica in termini tensionali [4.2.4] - CC 28 SLU Xl=0.00 - Classe 3
  Sollecitazioni: N=112.74 T_z=-736.26 M_y=-863.06 T_y=450.15 M_z=-390.21 M_x=56.35
  Tensioni: σ_N=1.83 $\sigma_{m,d}$=331.43 τ=9.55 σ_{max}=333.26 (sfrut=0.10)
  Tensioni: σ_N=1.83 $\sigma_{m,d}$=94.94 τ=36.50 τ_{max}=36.50 (sfrut=0.02)
  Tensioni: σ_N=1.83 $\sigma_{m,d}$=331.43 τ=9.55 $\sigma_{ID,max}$=333.67 (sfrut=0.10)

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 3
  Sollecitazioni: My,Ed=-863.06 Mz,Ed=-390.21 L=1.33
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_Y=16.94 Ncr,y=4437360.00 λ^*_y=0.22 Curva a: Φ_y=0.53 χ_y=1.00
  λ_Z=16.94 Ncr,z=4437360.00 λ^*_z=0.22 Curva a: Φ_z=0.53 χ_z=1.00
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.06+0.03=0.09
  Verifica ZZ: 0.00+0.05+0.03=0.08

Asta n. 203 (-15 203) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 3 SND Xl=1.33 - Classe 3
  Sollecitazioni: N=-235.65 T_z=-894.81 M_y=1856.70 T_y=-114.07 M_z=-212.66 M_x=-21.36
  Tensioni: σ_N=-3.84 $\sigma_{m,d}$=-547.24 τ=3.62 σ_{max}=-551.08 (sfrut=0.16)
  Tensioni: σ_N=-3.84 $\sigma_{m,d}$=-51.74 τ=36.35 τ_{max}=36.35 (sfrut=0.02)
  Tensioni: σ_N=-3.84 $\sigma_{m,d}$=-547.24 τ=3.62 $\sigma_{ID,max}$=551.11 (sfrut=0.16)

- Verifica a taglio Dir. Z [4.2.16] - CC 17 SLU Xl=1.33 - Classe 1
  Sollecitazioni: T_z=-1012.23
  V,Ed=-1012.23 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.02

- Verifica in termini tensionali [4.2.4] - CC 28 SLU Xl=1.33 - Classe 3
  Sollecitazioni: N=112.74 T_z=-1558.82 M_y=2187.09 T_y=891.90 M_z=1393.37 M_x=56.35
  Tensioni: σ_N=1.83 $\sigma_{m,d}$=946.86 τ=9.55 σ_{max}=948.69 (sfrut=0.28)
  Tensioni: σ_N=1.83 $\sigma_{m,d}$=-339.00 τ=66.60 τ_{max}=66.60 (sfrut=0.03)
  Tensioni: σ_N=1.83 $\sigma_{m,d}$=946.86 τ=9.55 $\sigma_{ID,max}$=948.84 (sfrut=0.28)

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 3
  Sollecitazioni: My,Ed=2187.09 Mz,Ed=1393.37 L=1.33
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_Y=16.94 Ncr,y=4437370.00 λ^*_y=0.22 Curva a: Φ_y=0.53 χ_y=1.00
  λ_Z=16.94 Ncr,z=4437370.00 λ^*_z=0.22 Curva a: Φ_z=0.53 χ_z=1.00
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.16+0.10=0.27
  Verifica ZZ: 0.00+0.13+0.10=0.23

Asta n. 204 (203 -26) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 13 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=75.56 T_z=524.01 M_y=1003.15 T_y=251.86 M_z=-519.60 M_x=54.42
  Tensioni: σ_N=1.23 $\sigma_{m,d}$=402.69 τ=9.23 σ_{max}=403.92 (sfrut=0.12)
  Tensioni: σ_N=1.23 $\sigma_{m,d}$=-126.42 τ=28.40 τ_{max}=28.40 (sfrut=0.01)
  Tensioni: σ_N=1.23 $\sigma_{m,d}$=402.69 τ=9.23 $\sigma_{ID,max}$=404.24 (sfrut=0.12)

- Verifica a taglio Dir. Z [4.2.16] - CC 17 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=857.02
  V,Ed=857.02 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.01

- Verifica in termini tensionali [4.2.4] - CC 28 SLU Xl=0.00 - Classe 3
  Sollecitazioni: T_z=1295.44 M_y=2468.75 T_y=-721.97 M_z=1393.88
  Tensioni: σ_N=0.00 $\sigma_{m,d}$=-1021.48 τ=0.00 σ_{max}=-1021.48 (sfrut=0.30)
  Tensioni: σ_N=0.00 $\sigma_{m,d}$=339.12 τ=47.41 τ_{max}=47.41 (sfrut=0.02)
  Tensioni: σ_N=0.00 $\sigma_{m,d}$=-1021.48 τ=0.00 $\sigma_{ID,max}$=1021.48 (sfrut=0.30)

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 3
  Sollecitazioni: My,Ed=2468.75 Mz,Ed=1393.88 L=1.45
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_Y=18.46 Ncr,y=3737990.00 λ^*_y=0.24 Curva a: Φ_y=0.53 χ_y=0.99
  λ_Z=18.46 Ncr,z=3737990.00 λ^*_z=0.24 Curva a: Φ_z=0.53 χ_z=0.99
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.18+0.10=0.29
  Verifica ZZ: 0.00+0.15+0.10=0.25

Asta n. 204 (-26 -18) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 13 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=29.73 T_z=227.34 M_y=285.11 T_y=99.09 M_z=-148.02 M_x=21.60
  Tensioni: σ_N=0.48 $\sigma_{m,d}$=114.54 τ=3.66 σ_{max}=115.02 (sfrut=0.03)
  Tensioni: σ_N=0.48 $\sigma_{m,d}$=-36.01 τ=11.98 τ_{max}=11.98 (sfrut=0.01)
  Tensioni: σ_N=0.48 $\sigma_{m,d}$=114.54 τ=3.66 $\sigma_{ID,max}$=115.20 (sfrut=0.03)

- Verifica a taglio Dir. Y [4.2.16] - CC 28 SLU Xl=1.45
  Sollecitazioni: T_y=-240.66
  V,Ed=-240.66 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.00

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=1.45
  Sollecitazioni: T_z=409.50
  V,Ed=409.50 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.01

- Verifica in termini tensionali [4.2.4] - CC 28 SLU Xl=0.00 - Classe 3
  Sollecitazioni: T_z=500.29 M_y=658.68 T_y=-240.66 M_z=348.47
  Tensioni: σ_N=0.00 $\sigma_{m,d}$=-266.34 τ=0.00 σ_{max}=-266.34 (sfrut=0.08)
  Tensioni: σ_N=0.00 $\sigma_{m,d}$=84.78 τ=18.31 τ_{max}=18.31 (sfrut=0.01)

Tensioni: σ_N=0.00 $\sigma_{m,d}$=-266.34 τ=0.00 $\sigma_{ID,max}$=266.34 (sfrut=0.08)

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 3
Sollecitazioni: My,Ed=658.68 Mz,Ed=348.47 L=1.45
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=18.46 Ncr,y=3737990.00 λ^*_y=0.24 Curva a: Φ_y=0.53 χ_y=0.99
λ_z=18.46 Ncr,z=3737990.00 λ^*_z=0.24 Curva a: Φ_z=0.53 χ_z=0.99
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.05+0.03=0.07
Verifica ZZ: 0.00+0.04+0.03=0.07

Asta n. 301 (-45 -79) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
Sollecitazioni: N=86.74 T_z=68.75 M_y=66.26 T_y=-21.86 M_z=32.79
Tensioni: σ_N=2.32 $\sigma_{m,d}$=71.92 τ=0.00 σ_{max}=74.24 (sfrut=0.02)
Tensioni: σ_N=2.32 $\sigma_{m,d}$=23.42 τ=3.53 τ_{max}=3.53 (sfrut=0.00)
Tensioni: σ_N=2.32 $\sigma_{m,d}$=71.92 τ=0.00 $\sigma_{ID,max}$=74.24 (sfrut=0.02)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=383.67
V,Ed=383.67 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=0.00 - Classe 1
Sollecitazioni: N=146.09 T_z=383.67 M_y=386.00
My,Ed=386.00 My,V,c,Rd=6269.10
N,Ed=146.09 Nc,Rd=126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

Asta n. 301 (-80 -45) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
Sollecitazioni: N=-82.28 T_z=-75.12 M_y=75.82 T_y=47.80 M_z=71.70
Tensioni: σ_N=-2.20 $\sigma_{m,d}$=-111.36 τ=0.00 σ_{max}=-113.56 (sfrut=0.03)
Tensioni: σ_N=-2.20 $\sigma_{m,d}$=51.20 τ=3.87 τ_{max}=3.87 (sfrut=0.00)
Tensioni: σ_N=-2.20 $\sigma_{m,d}$=-111.36 τ=0.00 $\sigma_{ID,max}$=113.56 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-383.67
V,Ed=-383.67 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=1.50 - Classe 1
Sollecitazioni: N=-146.09 T_z=-383.67 M_y=386.00
My,Ed=386.00 My,V,c,Rd=6269.10
N,Ed=-146.09 Nc,Rd=-126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
Sollecitazioni: N,Ed=-146.09 My,Ed=386.00 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
Verifica YY: 0.00+0.06=0.06
Verifica ZZ: 0.00=0.00

Asta n. 302 (-3 -69) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
Sollecitazioni: N=61.96 T_z=48.81 M_y=44.91 T_y=-14.82 M_z=22.23
Tensioni: σ_N=1.65 $\sigma_{m,d}$=48.75 τ=0.00 σ_{max}=50.40 (sfrut=0.01)
Tensioni: σ_N=1.65 $\sigma_{m,d}$=15.87 τ=2.51 τ_{max}=2.51 (sfrut=0.00)
Tensioni: σ_N=1.65 $\sigma_{m,d}$=48.75 τ=0.00 $\sigma_{ID,max}$=50.40 (sfrut=0.01)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=216.01
V,Ed=216.01 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.00

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=0.00 - Classe 1
Sollecitazioni: N=98.70 T_z=216.01 M_y=213.30
My,Ed=213.30 My,V,c,Rd=6269.10
N,Ed=98.70 Nc,Rd=126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.03

Asta n. 302 (-68 -3) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
Sollecitazioni: N=-58.93 T_z=-53.13 M_y=51.39 T_y=32.40 M_z=48.60
Tensioni: σ_N=-1.57 $\sigma_{m,d}$=-75.48 τ=0.00 σ_{max}=-77.05 (sfrut=0.02)
Tensioni: σ_N=-1.57 $\sigma_{m,d}$=34.71 τ=2.74 τ_{max}=2.74 (sfrut=0.00)
Tensioni: σ_N=-1.57 $\sigma_{m,d}$=-75.48 τ=0.00 $\sigma_{ID,max}$=77.05 (sfrut=0.02)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-216.01
V,Ed=-216.01 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.00

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=1.50 - Classe 1
Sollecitazioni: N=-98.70 T_z=-216.01 M_y=213.30
My,Ed=213.30 My,V,c,Rd=6269.10
N,Ed=-98.70 Nc,Rd=-126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.03

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
Sollecitazioni: N,Ed=-98.70 My,Ed=213.30 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
Verifica YY: 0.00+0.03=0.03
Verifica ZZ: 0.00=0.00

Asta n. 303 (-29 -76) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
Sollecitazioni: N=89.03 T_z=70.59 M_y=68.23 T_y=-22.51 M_z=33.77

Tensioni: σ_N=2.38 $\sigma_{m,d}$=74.06 τ=0.00 σ_{max}=76.44 (sfrut=0.02)
Tensioni: σ_N=2.38 $\sigma_{m,d}$=24.11 τ=3.63 τ_{max}=3.63 (sfrut=0.00)
Tensioni: σ_N=2.38 $\sigma_{m,d}$=74.06 τ=0.00 $\sigma_{ID,max}$=76.44 (sfrut=0.02)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=399.14
V,Ed=399.14 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=0.00 - Classe 1
Sollecitazioni: N=150.46 T_z=399.14 M_y=401.94
My,Ed=401.94 My,V,c,Rd=6269.10
N,Ed=150.46 Nc,Rd=126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

Asta n. 303 (-75 -29) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
Sollecitazioni: N=-84.43 T_z=-77.15 M_y=78.07 T_y=49.22 M_z=73.83
Tensioni: σ_N=-2.26 $\sigma_{m,d}$=-114.67 τ=0.00 σ_{max}=-116.92 (sfrut=0.03)
Tensioni: σ_N=-2.26 $\sigma_{m,d}$=52.73 τ=3.97 τ_{max}=3.97 (sfrut=0.00)
Tensioni: σ_N=-2.26 $\sigma_{m,d}$=-114.67 τ=0.00 $\sigma_{ID,max}$=116.92 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-399.14
V,Ed=-399.14 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=1.50 - Classe 1
Sollecitazioni: N=-150.46 T_z=-399.14 M_y=401.94
My,Ed=401.94 My,V,c,Rd=6269.10
N,Ed=-150.46 Nc,Rd=-126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
Sollecitazioni: N,Ed=-150.46 My,Ed=401.94 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
Verifica YY: 0.00+0.06=0.06
Verifica ZZ: 0.00=0.00

Asta n. 304 (201 -77) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
Sollecitazioni: N=84.46 T_z=66.91 M_y=64.29 T_y=-21.21 M_z=31.82
Tensioni: σ_N=2.26 $\sigma_{m,d}$=69.78 τ=0.00 σ_{max}=72.04 (sfrut=0.02)
Tensioni: σ_N=2.26 $\sigma_{m,d}$=22.72 τ=3.44 τ_{max}=3.44 (sfrut=0.00)
Tensioni: σ_N=2.26 $\sigma_{m,d}$=69.78 τ=0.00 $\sigma_{ID,max}$=72.04 (sfrut=0.02)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=368.19
V,Ed=368.19 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=0.00 - Classe 1
Sollecitazioni: N=141.71 T_z=368.19 M_y=370.06
My,Ed=370.06 My,V,c,Rd=6269.10
N,Ed=141.71 Nc,Rd=126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

Asta n. 304 (-78 201) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
Sollecitazioni: N=-80.13 T_z=-73.09 M_y=73.56 T_y=46.38 M_z=69.57
Tensioni: σ_N=-2.14 $\sigma_{m,d}$=-108.05 τ=0.00 σ_{max}=-110.19 (sfrut=0.03)
Tensioni: σ_N=-2.14 $\sigma_{m,d}$=49.68 τ=3.77 τ_{max}=3.77 (sfrut=0.00)
Tensioni: σ_N=-2.14 $\sigma_{m,d}$=-108.05 τ=0.00 $\sigma_{ID,max}$=110.19 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-368.19
V,Ed=-368.19 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=1.50 - Classe 1
Sollecitazioni: N=-141.71 T_z=-368.19 M_y=370.06
My,Ed=370.06 My,V,c,Rd=6269.10
N,Ed=-141.71 Nc,Rd=-126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
Sollecitazioni: N,Ed=-141.71 My,Ed=370.06 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
Verifica YY: 0.00+0.06=0.06
Verifica ZZ: 0.00=0.00

Asta n. 305 (-6 -48) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
Sollecitazioni: N=84.46 T_z=66.91 M_y=64.29 T_y=-21.21 M_z=31.82
Tensioni: σ_N=2.26 $\sigma_{m,d}$=69.78 τ=0.00 σ_{max}=72.04 (sfrut=0.02)
Tensioni: σ_N=2.26 $\sigma_{m,d}$=22.72 τ=3.44 τ_{max}=3.44 (sfrut=0.00)
Tensioni: σ_N=2.26 $\sigma_{m,d}$=69.78 τ=0.00 $\sigma_{ID,max}$=72.04 (sfrut=0.02)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=368.19
V,Ed=368.19 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=0.00 - Classe 1
Sollecitazioni: N=141.71 T_z=368.19 M_y=370.06
My,Ed=370.06 My,V,c,Rd=6269.10
N,Ed=141.71 Nc,Rd=126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

Asta n. 305 (-47 -6) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
  Sollecitazioni: N=-80.13 T_z=-73.09 M_y=73.56 T_y=46.38 M_z=69.57
  Tensioni: σ_N=-2.14 $\sigma_{m,d}$=-108.05 τ=0.00 σ_{max}=-110.19 (sfrut=0.03)
  Tensioni: σ_N=-2.14 $\sigma_{m,d}$=49.68 τ=3.77 τ_{max}=3.77 (sfrut=0.00)
  Tensioni: σ_N=-2.14 $\sigma_{m,d}$=-108.05 τ=0.00 $\sigma_{ID,max}$=110.19 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=1.50 - Classe 1
  Sollecitazioni: T_z=-368.19
  V,Ed=-368.19 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=1.50 - Classe 1
  Sollecitazioni: N=-141.71 T_z=-368.19 M_y=370.06
  My,Ed=370.06 My,V,c,Rd=6269.10
  N,Ed=-141.71 Nc,Rd=-126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
  Sollecitazioni: N,Ed=-141.71 My,Ed=370.06 L=1.50
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
  λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
  Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
  Verifica YY: 0.00+0.06=0.06
  Verifica ZZ: 0.00=0.00

Asta n. 306 (-7 -50) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=84.46 T_z=66.91 M_y=64.29 T_y=-21.21 M_z=31.82
  Tensioni: σ_N=2.26 $\sigma_{m,d}$=69.78 τ=0.00 σ_{max}=72.04 (sfrut=0.02)
  Tensioni: σ_N=2.26 $\sigma_{m,d}$=22.72 τ=3.44 τ_{max}=3.44 (sfrut=0.00)
  Tensioni: σ_N=2.26 $\sigma_{m,d}$=69.78 τ=0.00 $\sigma_{ID,max}$=72.04 (sfrut=0.02)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=368.19
  V,Ed=368.19 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=0.00 - Classe 1
  Sollecitazioni: N=141.71 T_z=368.19 M_y=370.06
  My,Ed=370.06 My,V,c,Rd=6269.10
  N,Ed=141.71 Nc,Rd=126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

Asta n. 306 (-49 -7) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
  Sollecitazioni: N=-80.13 T_z=-73.09 M_y=73.56 T_y=46.38 M_z=69.57
  Tensioni: σ_N=-2.14 $\sigma_{m,d}$=-108.05 τ=0.00 σ_{max}=-110.19 (sfrut=0.03)
  Tensioni: σ_N=-2.14 $\sigma_{m,d}$=49.68 τ=3.77 τ_{max}=3.77 (sfrut=0.00)
  Tensioni: σ_N=-2.14 $\sigma_{m,d}$=-108.05 τ=0.00 $\sigma_{ID,max}$=110.19 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=1.50 - Classe 1
  Sollecitazioni: T_z=-368.19
  V,Ed=-368.19 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=1.50 - Classe 1
  Sollecitazioni: N=-141.71 T_z=-368.19 M_y=370.06
  My,Ed=370.06 My,V,c,Rd=6269.10
  N,Ed=-141.71 Nc,Rd=-126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
  Sollecitazioni: N,Ed=-141.71 My,Ed=370.06 L=1.50
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
  λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
  Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
  Verifica YY: 0.00+0.06=0.06
  Verifica ZZ: 0.00=0.00

Asta n. 307 (-8 -52) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=84.46 T_z=66.91 M_y=64.29 T_y=-21.21 M_z=31.82
  Tensioni: σ_N=2.26 $\sigma_{m,d}$=69.78 τ=0.00 σ_{max}=72.04 (sfrut=0.02)
  Tensioni: σ_N=2.26 $\sigma_{m,d}$=22.72 τ=3.44 τ_{max}=3.44 (sfrut=0.00)
  Tensioni: σ_N=2.26 $\sigma_{m,d}$=69.78 τ=0.00 $\sigma_{ID,max}$=72.04 (sfrut=0.02)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=368.19
  V,Ed=368.19 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=0.00 - Classe 1
  Sollecitazioni: N=141.71 T_z=368.19 M_y=370.06
  My,Ed=370.06 My,V,c,Rd=6269.10
  N,Ed=141.71 Nc,Rd=126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

Asta n. 307 (-51 -8) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
  Sollecitazioni: N=-80.13 T_z=-73.09 M_y=73.56 T_y=46.38 M_z=69.57
  Tensioni: σ_N=-2.14 $\sigma_{m,d}$=-108.05 τ=0.00 σ_{max}=-110.19 (sfrut=0.03)
  Tensioni: σ_N=-2.14 $\sigma_{m,d}$=49.68 τ=3.77 τ_{max}=3.77 (sfrut=0.00)
  Tensioni: σ_N=-2.14 $\sigma_{m,d}$=-108.05 τ=0.00 $\sigma_{ID,max}$=110.19 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=1.50 - Classe 1
  Sollecitazioni: T_z=-368.19
  V,Ed=-368.19 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=1.50 - Classe 1
  Sollecitazioni: N=-141.71 T_z=-368.19 M_y=370.06
  My,Ed=370.06 My,V,c,Rd=6269.10
  N,Ed=-141.71 Nc,Rd=-126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
  Sollecitazioni: N,Ed=-141.71 My,Ed=370.06 L=1.50
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
  λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
  Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
  Verifica YY: 0.00+0.06=0.06
  Verifica ZZ: 0.00=0.00

Asta n. 308 (-9 -54) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=84.46 T_z=66.91 M_y=64.29 T_y=-21.21 M_z=31.82
  Tensioni: σ_N=2.26 $\sigma_{m,d}$=69.78 τ=0.00 σ_{max}=72.04 (sfrut=0.02)
  Tensioni: σ_N=2.26 $\sigma_{m,d}$=22.72 τ=3.44 τ_{max}=3.44 (sfrut=0.00)
  Tensioni: σ_N=2.26 $\sigma_{m,d}$=69.78 τ=0.00 $\sigma_{ID,max}$=72.04 (sfrut=0.02)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=368.19
  V,Ed=368.19 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=0.00 - Classe 1
  Sollecitazioni: N=141.71 T_z=368.19 M_y=370.06
  My,Ed=370.06 My,V,c,Rd=6269.10
  N,Ed=141.71 Nc,Rd=126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

Asta n. 308 (-53 -9) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
  Sollecitazioni: N=-80.13 T_z=-73.09 M_y=73.56 T_y=46.38 M_z=69.57
  Tensioni: σ_N=-2.14 $\sigma_{m,d}$=-108.05 τ=0.00 σ_{max}=-110.19 (sfrut=0.03)
  Tensioni: σ_N=-2.14 $\sigma_{m,d}$=49.68 τ=3.77 τ_{max}=3.77 (sfrut=0.00)
  Tensioni: σ_N=-2.14 $\sigma_{m,d}$=-108.05 τ=0.00 $\sigma_{ID,max}$=110.19 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=1.50 - Classe 1
  Sollecitazioni: T_z=-368.19
  V,Ed=-368.19 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=1.50 - Classe 1
  Sollecitazioni: N=-141.71 T_z=-368.19 M_y=370.06
  My,Ed=370.06 My,V,c,Rd=6269.10
  N,Ed=-141.71 Nc,Rd=-126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
  Sollecitazioni: N,Ed=-141.71 My,Ed=370.06 L=1.50
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
  λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
  Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
  Verifica YY: 0.00+0.06=0.06
  Verifica ZZ: 0.00=0.00

Asta n. 309 (-10 -56) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=59.67 T_z=46.97 M_y=42.94 T_y=-14.17 M_z=21.25
  Tensioni: σ_N=1.59 $\sigma_{m,d}$=46.61 τ=0.00 σ_{max}=48.21 (sfrut=0.01)
  Tensioni: σ_N=1.59 $\sigma_{m,d}$=15.18 τ=2.41 τ_{max}=2.41 (sfrut=0.00)
  Tensioni: σ_N=1.59 $\sigma_{m,d}$=46.61 τ=0.00 $\sigma_{ID,max}$=48.21 (sfrut=0.01)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=200.53
  V,Ed=200.53 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.00

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=0.00 - Classe 1
  Sollecitazioni: N=94.33 T_z=200.53 M_y=197.36
  My,Ed=197.36 My,V,c,Rd=6269.10
  N,Ed=94.33 Nc,Rd=126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.03

Asta n. 309 (-55 -10) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
  Sollecitazioni: N=-56.78 T_z=-51.10 M_y=49.14 T_y=30.98 M_z=46.47
  Tensioni: σ_N=-1.52 $\sigma_{m,d}$=-72.17 τ=0.00 σ_{max}=-73.68 (sfrut=0.02)
  Tensioni: σ_N=-1.52 $\sigma_{m,d}$=33.18 τ=2.63 τ_{max}=2.63 (sfrut=0.00)
  Tensioni: σ_N=-1.52 $\sigma_{m,d}$=-72.17 τ=0.00 $\sigma_{ID,max}$=73.68 (sfrut=0.02)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=1.50 - Classe 1
  Sollecitazioni: T_z=-200.53
  V,Ed=-200.53 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.00

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=1.50 - Classe 1
  Sollecitazioni: N=-94.33 T_z=-200.53 M_y=197.36
  My,Ed=197.36 My,V,c,Rd=6269.10
  N,Ed=-94.33 Nc,Rd=-126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.03

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
  Sollecitazioni: N,Ed=-94.33 My,Ed=197.36 L=1.50
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
  λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
  Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
  Verifica YY: 0.00+0.03=0.03
  Verifica ZZ: 0.00=0.00

Asta n. 310 (-11 -58) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=59.73 T_z=47.02 M_y=42.99 T_y=-14.19 M_z=21.28
  Tensioni: σ_N=1.60 $\sigma_{m,d}$=46.67 τ=0.00 σ_{max}=48.27 (sfrut=0.01)
  Tensioni: σ_N=1.60 $\sigma_{m,d}$=15.20 τ=2.42 τ_{max}=2.42 (sfrut=0.00)

Tensioni: σ_N=1.60 $\sigma_{m,d}$=46.67 τ=0.00 $\sigma_{ID,max}$=48.27 (sfrut=0.01)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=200.96
V,Ed=200.96 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.00

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=0.00 - Classe 1
Sollecitazioni: N=94.45 T_z=200.96 M_y=197.79
My,Ed=197.79 My,V,c,Rd=6269.10
N,Ed=94.45 Nc,Rd=126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.03

Asta n. 310 (-57 -11) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
Sollecitazioni: N=-56.84 T_z=-51.16 M_y=49.20 T_y=31.02 M_z=46.53
Tensioni: σ_N=-1.52 $\sigma_{m,d}$=-72.26 τ=0.00 σ_{max}=-73.78 (sfrut=0.02)
Tensioni: σ_N=-1.52 $\sigma_{m,d}$=33.22 τ=2.63 τ_{max}=2.63 (sfrut=0.00)
Tensioni: σ_N=-1.52 $\sigma_{m,d}$=-72.26 τ=0.00 $\sigma_{ID,max}$=73.78 (sfrut=0.02)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-200.96
V,Ed=-200.96 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.00

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=1.50 - Classe 1
Sollecitazioni: N=-94.45 T_z=-200.96 M_y=197.79
My,Ed=197.79 My,V,c,Rd=6269.10
N,Ed=-94.45 Nc,Rd=-126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.03

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
Sollecitazioni: N,Ed=-94.45 My,Ed=197.79 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
Verifica YY: 0.00+0.03=0.03
Verifica ZZ: 0.00=0.00

Asta n. 311 (-12 -60) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
Sollecitazioni: N=84.58 T_z=67.01 M_y=64.39 T_y=-21.25 M_z=31.87
Tensioni: σ_N=2.26 $\sigma_{m,d}$=69.90 τ=0.00 σ_{max}=72.16 (sfrut=0.02)
Tensioni: σ_N=2.26 $\sigma_{m,d}$=22.76 τ=3.44 τ_{max}=3.44 (sfrut=0.00)
Tensioni: σ_N=2.26 $\sigma_{m,d}$=69.90 τ=0.00 $\sigma_{ID,max}$=72.16 (sfrut=0.02)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=369.04
V,Ed=369.04 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=0.00 - Classe 1
Sollecitazioni: N=141.95 T_z=369.04 M_y=370.93
My,Ed=370.93 My,V,c,Rd=6269.10
N,Ed=141.95 Nc,Rd=126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

Asta n. 311 (-59 -12) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
Sollecitazioni: N=-80.24 T_z=-73.20 M_y=73.69 T_y=46.46 M_z=69.69
Tensioni: σ_N=-2.14 $\sigma_{m,d}$=-108.23 τ=0.00 σ_{max}=-110.37 (sfrut=0.03)
Tensioni: σ_N=-2.14 $\sigma_{m,d}$=49.76 τ=3.77 τ_{max}=3.77 (sfrut=0.00)
Tensioni: σ_N=-2.14 $\sigma_{m,d}$=-108.23 τ=0.00 $\sigma_{ID,max}$=110.37 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-369.04
V,Ed=-369.04 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=1.50 - Classe 1
Sollecitazioni: N=-141.95 T_z=-369.04 M_y=370.93
My,Ed=370.93 My,V,c,Rd=6269.10
N,Ed=-141.95 Nc,Rd=-126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
Sollecitazioni: N,Ed=-141.95 My,Ed=370.93 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
Verifica YY: 0.00+0.06=0.06
Verifica ZZ: 0.00=0.00

Asta n. 312 (-13 -62) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
Sollecitazioni: N=84.58 T_z=67.01 M_y=64.39 T_y=-21.25 M_z=31.87
Tensioni: σ_N=2.26 $\sigma_{m,d}$=69.90 τ=0.00 σ_{max}=72.16 (sfrut=0.02)
Tensioni: σ_N=2.26 $\sigma_{m,d}$=22.76 τ=3.44 τ_{max}=3.44 (sfrut=0.00)
Tensioni: σ_N=2.26 $\sigma_{m,d}$=69.90 τ=0.00 $\sigma_{ID,max}$=72.16 (sfrut=0.02)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=369.04
V,Ed=369.04 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=0.00 - Classe 1
Sollecitazioni: N=141.95 T_z=369.04 M_y=370.93
My,Ed=370.93 My,V,c,Rd=6269.10
N,Ed=141.95 Nc,Rd=126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

Asta n. 312 (-61 -13) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
Sollecitazioni: N=-80.24 T_z=-73.20 M_y=73.69 T_y=46.46 M_z=69.69
Tensioni: σ_N=-2.14 $\sigma_{m,d}$=-108.23 τ=0.00 σ_{max}=-110.37 (sfrut=0.03)

Tensioni: σ_N=-2.14 $\sigma_{m,d}$=49.76 τ=3.77 τ_{max}=3.77 (sfrut=0.00)
Tensioni: σ_N=-2.14 $\sigma_{m,d}$=-108.23 τ=0.00 $\sigma_{ID,max}$=110.37 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-369.04
V,Ed=-369.04 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=1.50 - Classe 1
Sollecitazioni: N=-141.95 T_z=-369.04 M_y=370.93
My,Ed=370.93 My,V,c,Rd=6269.10
N,Ed=-141.95 Nc,Rd=-126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
Sollecitazioni: N,Ed=-141.95 My,Ed=370.93 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
Verifica YY: 0.00+0.06=0.06
Verifica ZZ: 0.00=0.00

Asta n. 313 (-14 -64) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
Sollecitazioni: N=84.58 T_z=67.01 M_y=64.39 T_y=-21.25 M_z=31.87
Tensioni: σ_N=2.26 $\sigma_{m,d}$=69.90 τ=0.00 σ_{max}=72.16 (sfrut=0.02)
Tensioni: σ_N=2.26 $\sigma_{m,d}$=22.76 τ=3.44 τ_{max}=3.44 (sfrut=0.00)
Tensioni: σ_N=2.26 $\sigma_{m,d}$=69.90 τ=0.00 $\sigma_{ID,max}$=72.16 (sfrut=0.02)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=369.04
V,Ed=369.04 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=0.00 - Classe 1
Sollecitazioni: N=141.95 T_z=369.04 M_y=370.93
My,Ed=370.93 My,V,c,Rd=6269.10
N,Ed=141.95 Nc,Rd=126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

Asta n. 313 (-63 -14) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
Sollecitazioni: N=-80.24 T_z=-73.20 M_y=73.69 T_y=46.46 M_z=69.69
Tensioni: σ_N=-2.14 $\sigma_{m,d}$=-108.23 τ=0.00 σ_{max}=-110.37 (sfrut=0.03)
Tensioni: σ_N=-2.14 $\sigma_{m,d}$=49.76 τ=3.77 τ_{max}=3.77 (sfrut=0.00)
Tensioni: σ_N=-2.14 $\sigma_{m,d}$=-108.23 τ=0.00 $\sigma_{ID,max}$=110.37 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-369.04
V,Ed=-369.04 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=1.50 - Classe 1
Sollecitazioni: N=-141.95 T_z=-369.04 M_y=370.93
My,Ed=370.93 My,V,c,Rd=6269.10
N,Ed=-141.95 Nc,Rd=-126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
Sollecitazioni: N,Ed=-141.95 My,Ed=370.93 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
Verifica YY: 0.00+0.06=0.06
Verifica ZZ: 0.00=0.00

Asta n. 314 (-15 -66) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
Sollecitazioni: N=84.58 T_z=67.01 M_y=64.39 T_y=-21.25 M_z=31.87
Tensioni: σ_N=2.26 $\sigma_{m,d}$=69.90 τ=0.00 σ_{max}=72.16 (sfrut=0.02)
Tensioni: σ_N=2.26 $\sigma_{m,d}$=22.76 τ=3.44 τ_{max}=3.44 (sfrut=0.00)
Tensioni: σ_N=2.26 $\sigma_{m,d}$=69.90 τ=0.00 $\sigma_{ID,max}$=72.16 (sfrut=0.02)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=369.04
V,Ed=369.04 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=0.00 - Classe 1
Sollecitazioni: N=141.95 T_z=369.04 M_y=370.93
My,Ed=370.93 My,V,c,Rd=6269.10
N,Ed=141.95 Nc,Rd=126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

Asta n. 314 (-65 -15) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
Sollecitazioni: N=-80.24 T_z=-73.20 M_y=73.69 T_y=46.46 M_z=69.69
Tensioni: σ_N=-2.14 $\sigma_{m,d}$=-108.23 τ=0.00 σ_{max}=-110.37 (sfrut=0.03)
Tensioni: σ_N=-2.14 $\sigma_{m,d}$=49.76 τ=3.77 τ_{max}=3.77 (sfrut=0.00)
Tensioni: σ_N=-2.14 $\sigma_{m,d}$=-108.23 τ=0.00 $\sigma_{ID,max}$=110.37 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-369.04
V,Ed=-369.04 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=1.50 - Classe 1
Sollecitazioni: N=-141.95 T_z=-369.04 M_y=370.93
My,Ed=370.93 My,V,c,Rd=6269.10
N,Ed=-141.95 Nc,Rd=-126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
Sollecitazioni: N,Ed=-141.95 My,Ed=370.93 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95

λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
Verifica YY: 0.00+0.06=0.06
Verifica ZZ: 0.00=0.00

Asta n. 315 (203 -67) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
Sollecitazioni: N=86.81 T_z=68.80 M_y=66.31 T_y=-21.88 M_z=32.82
Tensioni: σ_N=2.32 $\sigma_{m,d}$=71.98 τ=0.00 σ_{max}=74.30 (sfrut=0.02)
Tensioni: σ_N=2.32 $\sigma_{m,d}$=23.44 τ=3.54 τ_{max}=3.54 (sfrut=0.00)
Tensioni: σ_N=2.32 $\sigma_{m,d}$=71.98 τ=0.00 $\sigma_{ID,max}$=74.30 (sfrut=0.02)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=384.09
V,Ed=384.09 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=0.00 - Classe 1
Sollecitazioni: N=146.21 T_z=384.09 M_y=386.43
My,Ed=386.43 My,V,c,Rd=6269.10
N,Ed=146.21 Nc,Rd=126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

Asta n. 315 (-72 203) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
Sollecitazioni: N=-82.34 T_z=-75.18 M_y=75.88 T_y=47.84 M_z=71.76
Tensioni: σ_N=-2.20 $\sigma_{m,d}$=-111.45 τ=0.00 σ_{max}=-113.65 (sfrut=0.03)
Tensioni: σ_N=-2.20 $\sigma_{m,d}$=51.24 τ=3.87 τ_{max}=3.87 (sfrut=0.00)
Tensioni: σ_N=-2.20 $\sigma_{m,d}$=-111.45 τ=0.00 $\sigma_{ID,max}$=113.65 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-384.09
V,Ed=-384.09 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=1.50 - Classe 1
Sollecitazioni: N=-146.20 T_z=-384.09 M_y=386.43
My,Ed=386.43 My,V,c,Rd=6269.10
N,Ed=-146.20 Nc,Rd=-126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
Sollecitazioni: N,Ed=-146.20 My,Ed=386.43 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
Verifica YY: 0.00+0.06=0.06
Verifica ZZ: 0.00=0.00

Asta n. 316 (-26 -74) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
Sollecitazioni: N=89.03 T_z=70.59 M_y=68.23 T_y=-22.51 M_z=33.77
Tensioni: σ_N=2.38 $\sigma_{m,d}$=74.06 τ=0.00 σ_{max}=76.44 (sfrut=0.02)
Tensioni: σ_N=2.38 $\sigma_{m,d}$=24.11 τ=3.63 τ_{max}=3.63 (sfrut=0.00)
Tensioni: σ_N=2.38 $\sigma_{m,d}$=74.06 τ=0.00 $\sigma_{ID,max}$=76.44 (sfrut=0.02)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=399.14
V,Ed=399.14 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=0.00 - Classe 1
Sollecitazioni: N=150.46 T_z=399.14 M_y=401.94
My,Ed=401.94 My,V,c,Rd=6269.10
N,Ed=150.46 Nc,Rd=126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

Asta n. 316 (-73 -26) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
Sollecitazioni: N=-84.43 T_z=-77.15 M_y=78.07 T_y=49.22 M_z=73.83
Tensioni: σ_N=-2.26 $\sigma_{m,d}$=-114.67 τ=0.00 σ_{max}=-116.92 (sfrut=0.03)
Tensioni: σ_N=-2.26 $\sigma_{m,d}$=52.73 τ=3.97 τ_{max}=3.97 (sfrut=0.00)
Tensioni: σ_N=-2.26 $\sigma_{m,d}$=-114.67 τ=0.00 $\sigma_{ID,max}$=116.92 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-399.14
V,Ed=-399.14 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=1.50 - Classe 1
Sollecitazioni: N=-150.46 T_z=-399.14 M_y=401.94
My,Ed=401.94 My,V,c,Rd=6269.10
N,Ed=-150.46 Nc,Rd=-126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
Sollecitazioni: N,Ed=-150.46 My,Ed=401.94 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
Verifica YY: 0.00+0.06=0.06
Verifica ZZ: 0.00=0.00

Asta n. 317 (-18 -71) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
Sollecitazioni: N=61.96 T_z=48.81 M_y=44.91 T_y=-14.82 M_z=22.23
Tensioni: σ_N=1.65 $\sigma_{m,d}$=48.75 τ=0.00 σ_{max}=50.40 (sfrut=0.01)
Tensioni: σ_N=1.65 $\sigma_{m,d}$=15.87 τ=2.51 τ_{max}=2.51 (sfrut=0.00)
Tensioni: σ_N=1.65 $\sigma_{m,d}$=48.75 τ=0.00 $\sigma_{ID,max}$=50.40 (sfrut=0.01)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=0.00 - Classe 1

Sollecitazioni: T_z=216.01
V,Ed=216.01 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.00

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=0.00 - Classe 1
Sollecitazioni: N=98.70 T_z=216.01 M_y=213.30
My,Ed=213.30 My,V,c,Rd=6269.10
N,Ed=98.70 Nc,Rd=126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.03

Asta n. 317 (-70 -18) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
Sollecitazioni: N=-58.93 T_z=-53.13 M_y=51.39 T_y=32.40 M_z=48.60
Tensioni: σ_N=-1.57 $\sigma_{m,d}$=-75.48 τ=0.00 σ_{max}=-77.05 (sfrut=0.02)
Tensioni: σ_N=-1.57 $\sigma_{m,d}$=34.71 τ=2.74 τ_{max}=2.74 (sfrut=0.00)
Tensioni: σ_N=-1.57 $\sigma_{m,d}$=-75.48 τ=0.00 $\sigma_{ID,max}$=77.05 (sfrut=0.02)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-216.01
V,Ed=-216.01 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.00

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=1.50 - Classe 1
Sollecitazioni: N=-98.70 T_z=-216.01 M_y=213.30
My,Ed=213.30 My,V,c,Rd=6269.10
N,Ed=-98.70 Nc,Rd=-126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.03

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
Sollecitazioni: N,Ed=-98.70 My,Ed=213.30 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
Verifica YY: 0.00+0.03=0.03
Verifica ZZ: 0.00=0.00

Membratura
Asta n. 201 (-3 -29 -45) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 3
Sollecitazioni: My,Ed=2468.76 Mz,Ed=1393.89 L=2.90
αmy, αmz, αLT=0.95, 0.95, 0.95
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.18+0.10=0.29
Verifica ZZ: 0.00+0.15+0.10=0.25

- Verifica freccia massima per soli carichi accidentali - CC 23
$f_{z,L}$=0.11 (L/2532) $f_{z,G}$=0.04 (L/7577)

- Verifica freccia massima carichi totali - CC 30
$f_{z,L}$=0.26 (L/1123) $f_{z,G}$=0.08 (L/3608)

Membratura
Asta n. 202 (-45 201 -6 -7 -8 -9 -10 202) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 3
Sollecitazioni: N,Ed=-165.10 My,Ed=2885.80 Mz,Ed=1558.10 L=8.15
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=103.94 Ncr,y=117878.00 λ^*_y=1.36 Curva a: Φ_y=1.55 χ_y=0.44
λ_z=103.94 Ncr,z=117878.00 λ^*_z=1.36 Curva a: Φ_z=1.55 χ_z=0.44
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.21+0.12=0.33
Verifica ZZ: 0.00+0.17+0.12=0.29

- Verifica freccia massima per soli carichi accidentali - CC 23
$f_{z,L}$=0.35 (L/2324)

- Verifica freccia massima carichi totali - CC 30
$f_{z,L}$=0.67 (L/1216)

Membratura
Asta n. 203 (202 -11 -12 -13 -14 -15 203) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 3
Sollecitazioni: N,Ed=112.74 My,Ed=2304.58 Mz,Ed=1556.83 L=6.84
αmy, αmz, αLT=0.95, 0.95, 0.95
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.17+0.12=0.29
Verifica ZZ: 0.00+0.14+0.12=0.25

- Verifica freccia massima per soli carichi accidentali - CC 23
$f_{z,G}$=0.11 (L/6071)

- Verifica freccia massima carichi totali - CC 30
$f_{z,G}$=0.21 (L/3246)

Membratura
Asta n. 204 (203 -26 -18) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 3
Sollecitazioni: My,Ed=2468.75 Mz,Ed=1393.88 L=2.90
αmy, αmz, αLT=0.95, 0.95, 0.95
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.18+0.10=0.29
Verifica ZZ: 0.00+0.15+0.10=0.25

- Verifica freccia massima per soli carichi accidentali - CC 23
$f_{z,L}$=0.14 (L/2011) $f_{z,G}$=0.04 (L/7479)

- Verifica freccia massima carichi totali - CC 30
$f_{z,L}$=0.31 (L/941) $f_{z,G}$=0.08 (L/3564)

Membratura
Asta n. 301 (-79 -45 -80) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
  Sollecitazioni: N,Ed=-146.09 My,Ed=386.00 L=3.00
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
  λ_z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
  Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
  Verifica YY: 0.00+0.06=0.06
  Verifica ZZ: 0.00=0.00

- Verifica freccia massima per soli carichi accidentali - CC 23
  $f_{z,L}$=1.17 (L/256) $f_{z,G}$=0.08 (L/3949)

- Verifica freccia massima carichi totali - CC 23
  $f_{z,L}$=1.15 (L/260) $f_{z,G}$=0.06 (L/4984)

Membratura
Asta n. 302 (-69 -3 -68) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
  Sollecitazioni: N,Ed=-98.70 My,Ed=213.30 L=3.00
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
  λ_z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
  Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
  Verifica YY: 0.00+0.03=0.03
  Verifica ZZ: 0.00=0.00

- Verifica freccia massima per soli carichi accidentali - CC 23
  $f_{z,L}$=1.13 (L/265) $f_{z,G}$=0.04 (L/7561)

- Verifica freccia massima carichi totali - CC 23
  $f_{z,L}$=1.12 (L/267) $f_{z,G}$=0.03 (L/10267)

Membratura
Asta n. 303 (-76 -29 -75) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
  Sollecitazioni: N,Ed=-150.46 My,Ed=401.94 L=3.00
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
  λ_z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
  Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
  Verifica YY: 0.00+0.06=0.06
  Verifica ZZ: 0.00=0.00

- Verifica freccia massima per soli carichi accidentali - CC 23
  $f_{z,L}$=1.17 (L/256) $f_{z,G}$=0.08 (L/3783)

- Verifica freccia massima carichi totali - CC 23
  $f_{z,L}$=1.16 (L/259) $f_{z,G}$=0.06 (L/4759)

Membratura
Asta n. 304 (-77 201 -78) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
  Sollecitazioni: N,Ed=-141.71 My,Ed=370.06 L=3.00
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
  λ_z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
  Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
  Verifica YY: 0.00+0.06=0.06
  Verifica ZZ: 0.00=0.00

- Verifica freccia massima per soli carichi accidentali - CC 23
  $f_{z,L}$=1.17 (L/256) $f_{z,G}$=0.07 (L/4132)

- Verifica freccia massima carichi totali - CC 23
  $f_{z,L}$=1.15 (L/260) $f_{z,G}$=0.06 (L/5234)

Membratura
Asta n. 305 (-48 -6 -47) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
  Sollecitazioni: N,Ed=-141.71 My,Ed=370.06 L=3.00
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
  λ_z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
  Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
  Verifica YY: 0.00+0.06=0.06
  Verifica ZZ: 0.00=0.00

- Verifica freccia massima per soli carichi accidentali - CC 23
  $f_{z,L}$=1.17 (L/255) $f_{z,G}$=0.07 (L/4131)

- Verifica freccia massima carichi totali - CC 23
  $f_{z,L}$=1.16 (L/258) $f_{z,G}$=0.06 (L/5235)

Membratura
Asta n. 306 (-50 -7 -49) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
  Sollecitazioni: N,Ed=-141.71 My,Ed=370.06 L=3.00
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
  λ_z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
  Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
  Verifica YY: 0.00+0.06=0.06
  Verifica ZZ: 0.00=0.00

- Verifica freccia massima per soli carichi accidentali - CC 23
  $f_{z,L}$=1.18 (L/254) $f_{z,G}$=0.07 (L/4131)

- Verifica freccia massima carichi totali - CC 23
  $f_{z,L}$=1.16 (L/257) $f_{z,G}$=0.06 (L/5233)

Membratura
 Asta n. 307 (-52 -8 -51) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
  Sollecitazioni: N,Ed=-141.71 My,Ed=370.06 L=3.00
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_Y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
  λ_Z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
  Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
  Verifica YY: 0.00+0.06=0.06
  Verifica ZZ: 0.00=0.00

- Verifica freccia massima per soli carichi accidentali - CC 23
  $f_{z,L}$=1.18 (L/253) $f_{z,G}$=0.07 (L/4130)

- Verifica freccia massima carichi totali - CC 23
  $f_{z,L}$=1.17 (L/256) $f_{z,G}$=0.06 (L/5233)

Membratura
 Asta n. 308 (-54 -9 -53) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
  Sollecitazioni: N,Ed=-141.71 My,Ed=370.06 L=3.00
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_Y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
  λ_Z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
  Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
  Verifica YY: 0.00+0.06=0.06
  Verifica ZZ: 0.00=0.00

- Verifica freccia massima per soli carichi accidentali - CC 23
  $f_{z,L}$=1.19 (L/252) $f_{z,G}$=0.07 (L/4130)

- Verifica freccia massima carichi totali - CC 23
  $f_{z,L}$=1.17 (L/255) $f_{z,G}$=0.06 (L/5235)

Membratura
 Asta n. 309 (-56 -10 -55) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
  Sollecitazioni: N,Ed=-94.33 My,Ed=197.36 L=3.00
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_Y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
  λ_Z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
  Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
  Verifica YY: 0.00+0.03=0.03
  Verifica ZZ: 0.00=0.00

- Verifica freccia massima per soli carichi accidentali - CC 23
  $f_{z,L}$=1.16 (L/259) $f_{z,G}$=0.04 (L/8261)

- Verifica freccia massima carichi totali - CC 23
  $f_{z,L}$=1.15 (L/261) $f_{z,G}$=0.03 (L/11382)

Membratura
 Asta n. 310 (-58 -11 -57) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
  Sollecitazioni: N,Ed=-94.45 My,Ed=197.79 L=3.00
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_Y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
  λ_Z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
  Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
  Verifica YY: 0.00+0.03=0.03
  Verifica ZZ: 0.00=0.00

- Verifica freccia massima per soli carichi accidentali - CC 23
  $f_{z,L}$=1.15 (L/260) $f_{z,G}$=0.04 (L/8242)

- Verifica freccia massima carichi totali - CC 23
  $f_{z,L}$=1.14 (L/262) $f_{z,G}$=0.03 (L/11341)

Membratura
 Asta n. 311 (-60 -12 -59) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
  Sollecitazioni: N,Ed=-141.95 My,Ed=370.93 L=3.00
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_Y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
  λ_Z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
  Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
  Verifica YY: 0.00+0.06=0.06
  Verifica ZZ: 0.00=0.00

- Verifica freccia massima per soli carichi accidentali - CC 23
  $f_{z,L}$=1.17 (L/257) $f_{z,G}$=0.07 (L/4120)

- Verifica freccia massima carichi totali - CC 23
  $f_{z,L}$=1.15 (L/260) $f_{z,G}$=0.06 (L/5222)

Membratura
 Asta n. 312 (-62 -13 -61) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
  Sollecitazioni: N,Ed=-141.95 My,Ed=370.93 L=3.00
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_Y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
  λ_Z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
  Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95

Verifica YY: 0.00+0.06=0.06
Verifica ZZ: 0.00=0.00

- Verifica freccia massima per soli carichi accidentali - CC 23
$f_{z,L}$=1.14 (L/262) $f_{z,G}$=0.07 (L/4122)

- Verifica freccia massima carichi totali - CC 23
$f_{z,L}$=1.13 (L/265) $f_{z,G}$=0.06 (L/5222)

Membratura
Asta n. 313 (-64 -14 -63) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
Sollecitazioni: N,Ed=-141.95 My,Ed=370.93 L=3.00
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
λ_z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
Verifica YY: 0.00+0.06=0.06
Verifica ZZ: 0.00=0.00

- Verifica freccia massima per soli carichi accidentali - CC 23
$f_{z,L}$=1.12 (L/267) $f_{z,G}$=0.07 (L/4120)

- Verifica freccia massima carichi totali - CC 23
$f_{z,L}$=1.10 (L/271) $f_{z,G}$=0.06 (L/5218)

Membratura
Asta n. 314 (-66 -15 -65) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
Sollecitazioni: N,Ed=-141.95 My,Ed=370.93 L=3.00
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
λ_z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
Verifica YY: 0.00+0.06=0.06
Verifica ZZ: 0.00=0.00

- Verifica freccia massima per soli carichi accidentali - CC 23
$f_{z,L}$=1.10 (L/273) $f_{z,G}$=0.07 (L/4120)

- Verifica freccia massima carichi totali - CC 23
$f_{z,L}$=1.08 (L/277) $f_{z,G}$=0.06 (L/5220)

Membratura
Asta n. 315 (-67 203 -72) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
Sollecitazioni: N,Ed=-146.20 My,Ed=386.43 L=3.00
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
λ_z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
Verifica YY: 0.00+0.06=0.06
Verifica ZZ: 0.00=0.00

- Verifica freccia massima per soli carichi accidentali - CC 23
$f_{z,L}$=1.08 (L/278) $f_{z,G}$=0.08 (L/3944)

- Verifica freccia massima carichi totali - CC 23
$f_{z,L}$=1.06 (L/282) $f_{z,G}$=0.06 (L/4980)

Membratura
Asta n. 316 (-74 -26 -73) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
Sollecitazioni: N,Ed=-150.46 My,Ed=401.94 L=3.00
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
λ_z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
Verifica YY: 0.00+0.06=0.06
Verifica ZZ: 0.00=0.00

- Verifica freccia massima per soli carichi accidentali - CC 23
$f_{z,L}$=1.08 (L/277) $f_{z,G}$=0.08 (L/3782)

- Verifica freccia massima carichi totali - CC 23
$f_{z,L}$=1.06 (L/282) $f_{z,G}$=0.06 (L/4762)

Membratura
Asta n. 317 (-71 -18 -70) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
Sollecitazioni: N,Ed=-98.70 My,Ed=213.30 L=3.00
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
λ_z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
Verifica YY: 0.00+0.03=0.03
Verifica ZZ: 0.00=0.00

- Verifica freccia massima per soli carichi accidentali - CC 23
$f_{z,L}$=1.04 (L/288) $f_{z,G}$=0.04 (L/7561)

- Verifica freccia massima carichi totali - CC 23
$f_{z,L}$=1.03 (L/291) $f_{z,G}$=0.03 (L/10263)

6.3 Tracker 2x30 – configurazione a riposo (α = 0°)

6.3.1 Diagrammi tassi di sfruttamento

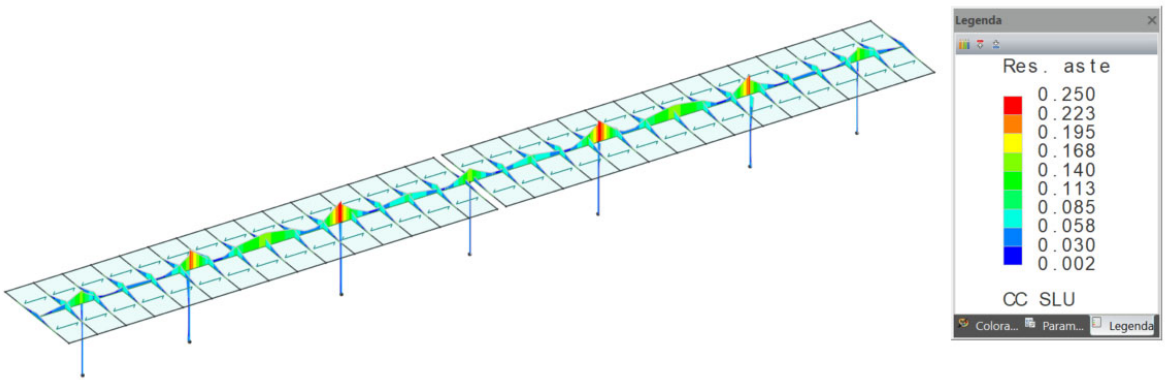


Diagramma tassi di sfruttamento resistenza aste combo SLU con valore massimo pari a 0,250

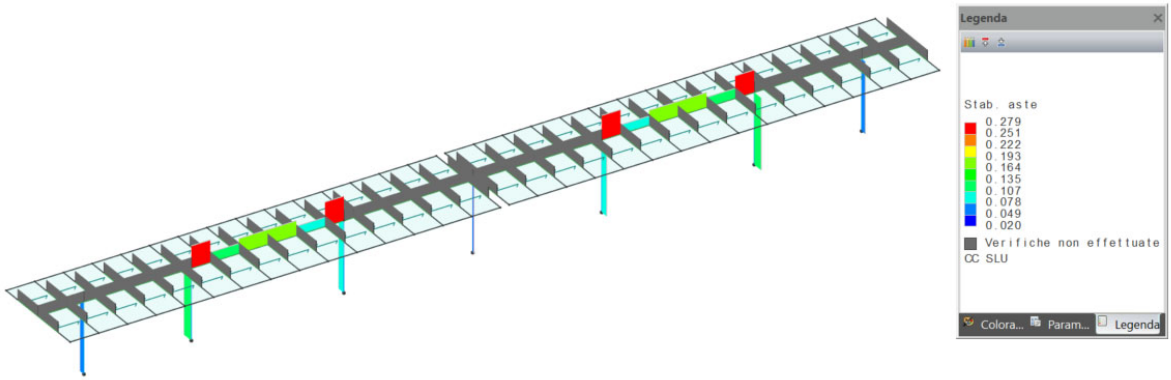


Diagramma tassi di sfruttamento stabilità aste combo SLU con valore massimo pari a 0,279

(nota: la dicitura verifiche non effettuate si riferisce ad elementi non sollecitatati per i quali non sono necessarie verifiche di stabilità)

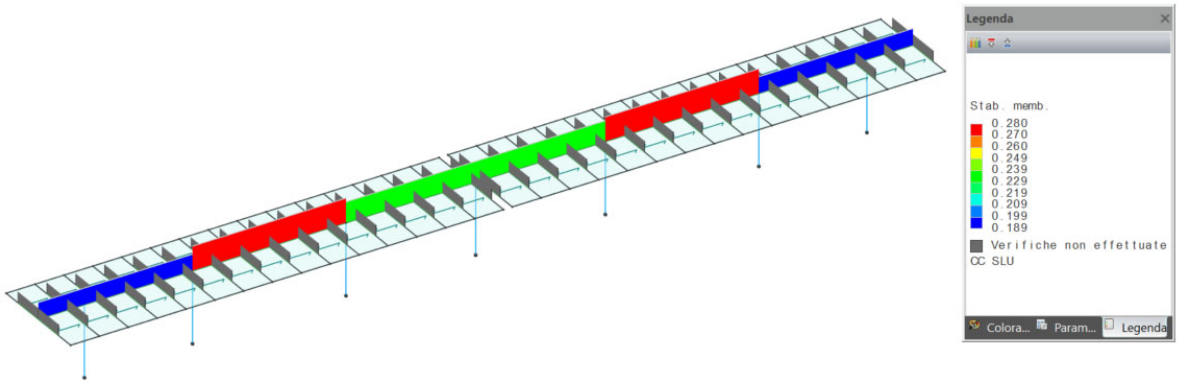


Diagramma tassi di sfruttamento stabilità membrature combo SLU con valore massimo pari a 0,280

(nota: la dicitura verifiche non effettuate si riferisce ad elementi non sollecitatati per i quali non sono necessarie verifiche di stabilità)

Figure 27: Tassi di sfruttamento SLU (Stato limite ultimo)

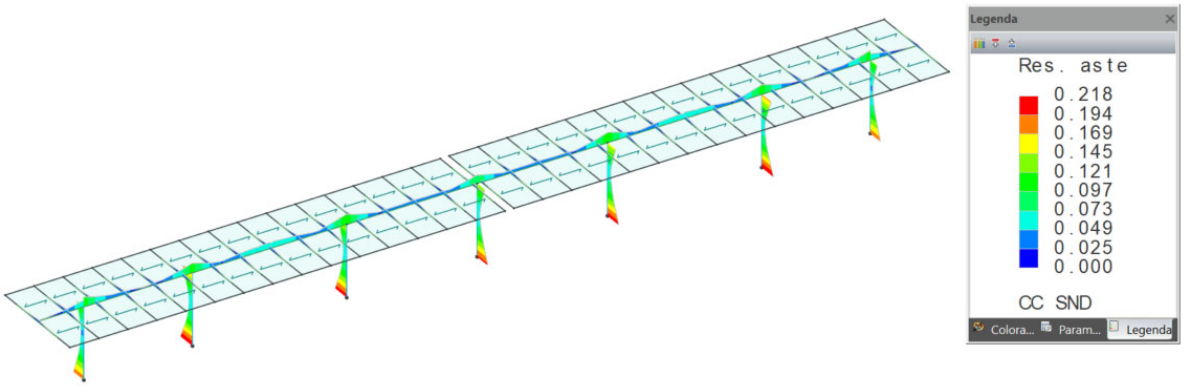


Diagramma tassi di sfruttamento resistenza aste combo SND con valore massimo pari a 0,218

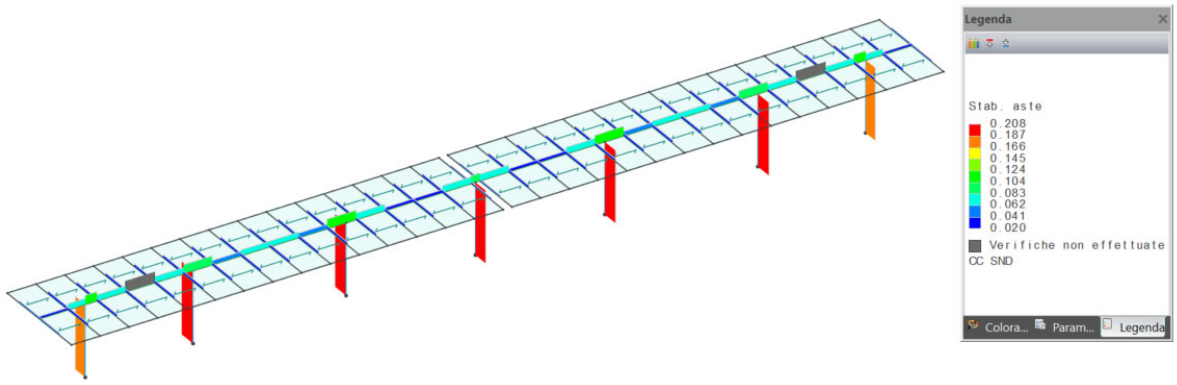


Diagramma tassi di sfruttamento stabilità aste combo SND con valore massimo pari a 0,208

(nota: la dicitura verifiche non effettuate si riferisce ad elementi non sollecitatati per i quali non sono necessarie verifiche di stabilità)

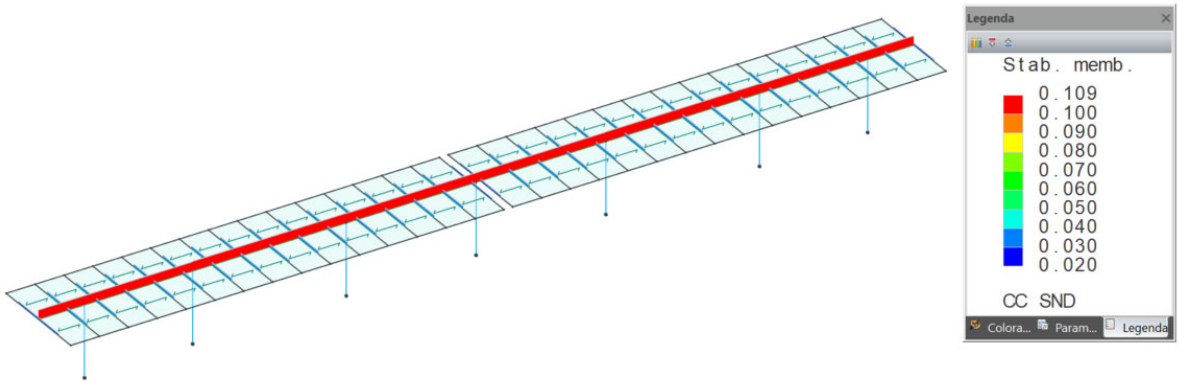
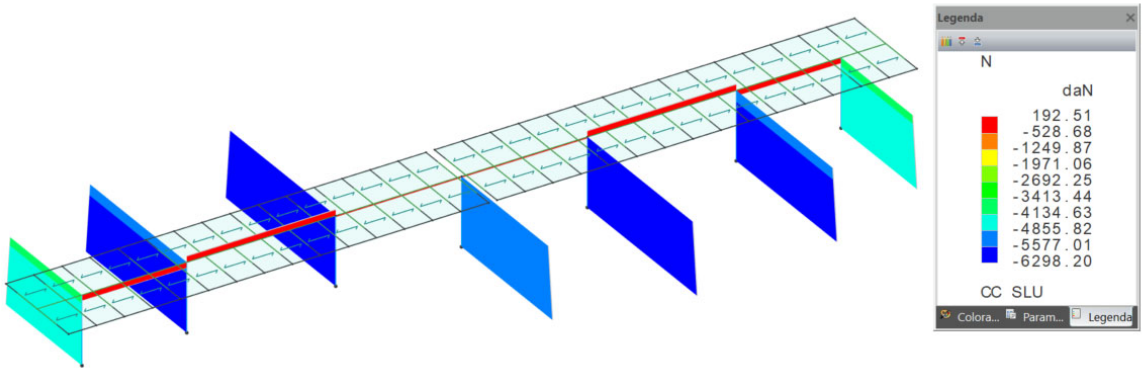


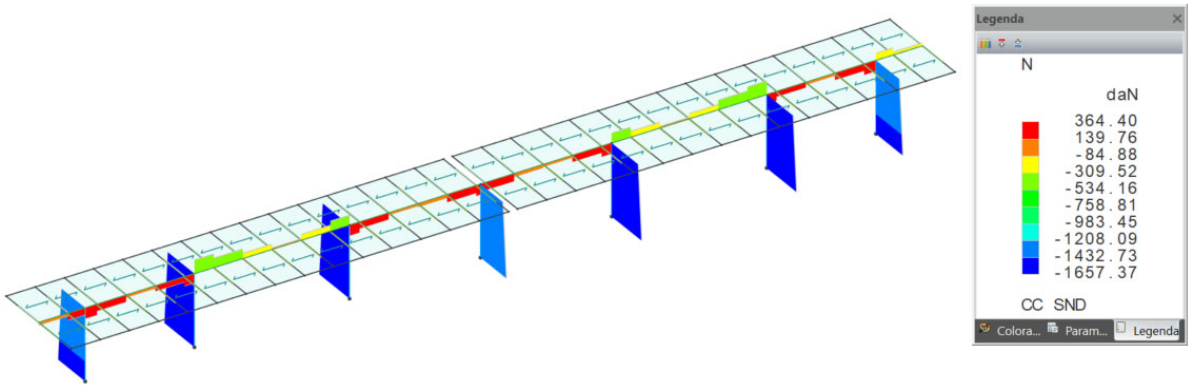
Diagramma tassi di sfruttamento stabilità membrature combo SND con valore massimo pari a 0,109

Figure 28: Tassi di sfruttamento SND (Stato limite di vita non dissipativo)

6.3.2 Sollecitazioni

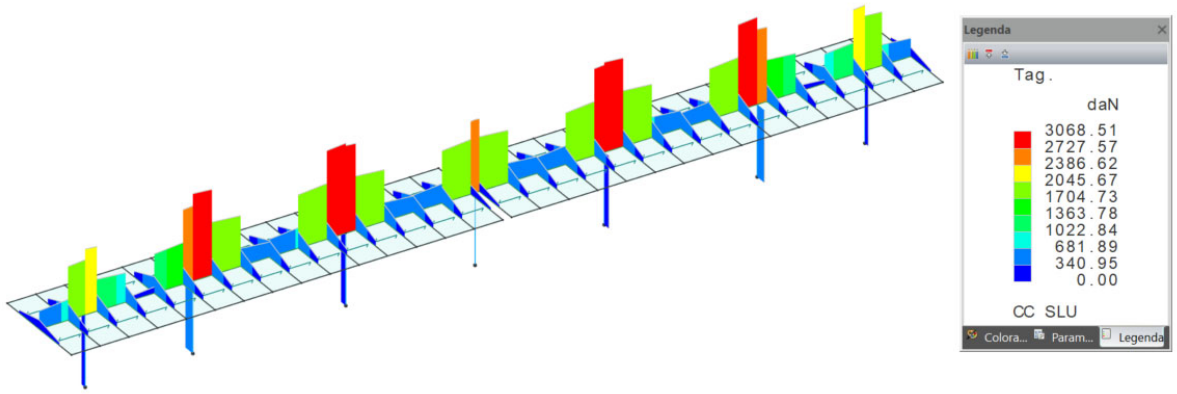


Inviluppo sforzo normale SLU Nmax = 6298,20 daN (compressione)

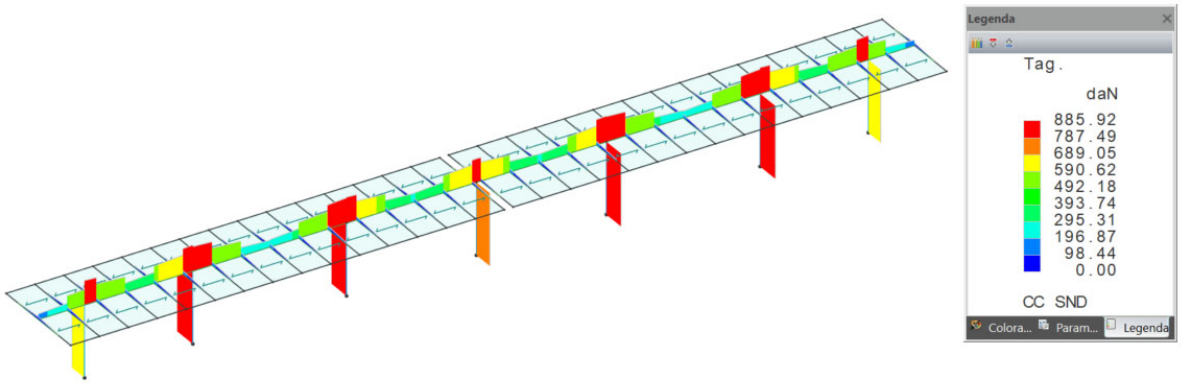


Inviluppo sforzo normale SND Nmax = - 1657,37 daN (compressione)

Figure 29: Sforzo Normale

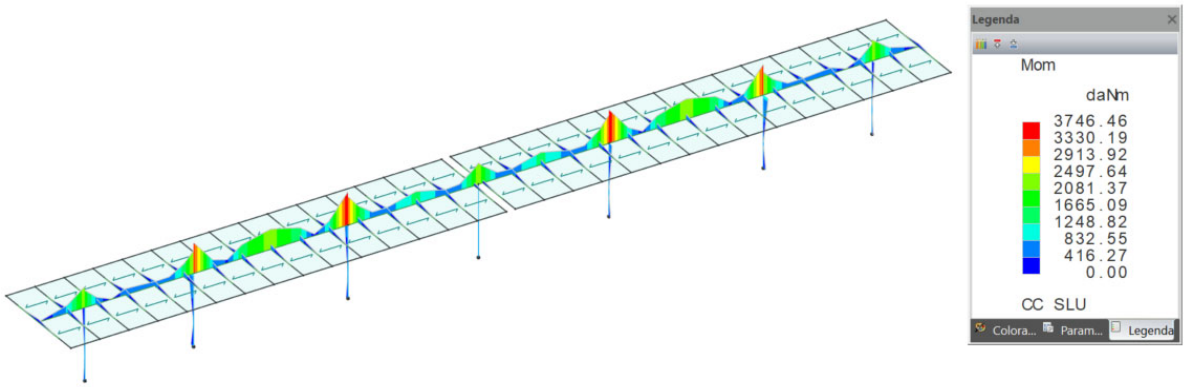


Inviluppo sforzo di taglio SLU Tmax = 3068,51 daN

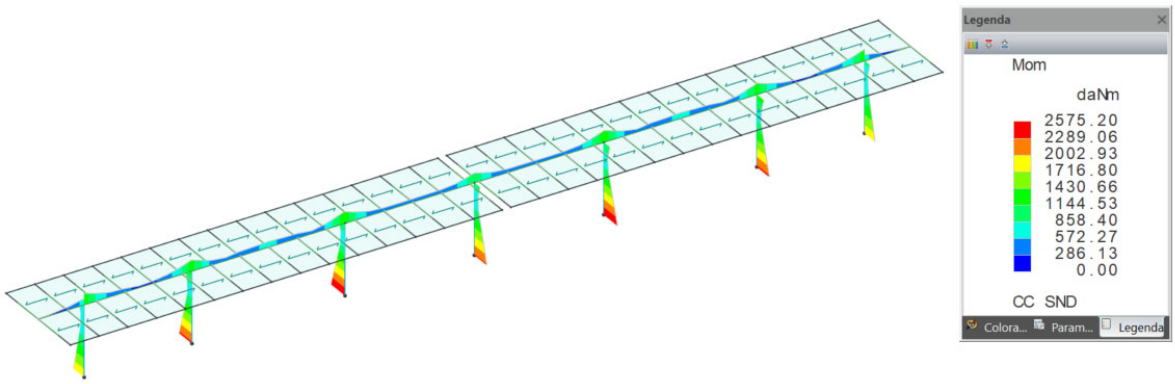


Inviluppo sforzo di taglio SND Tmax = 885,92 daN

Figure 30: Taglio



Inviluppo momento flettente SLU Mmax = 3746,46 daN×m



Inviluppo momento flettente SND Mmax = 2575,20 daN×m

Figure 31: Momento Flettente

6.3.3 Tabulati di calcolo

Si riportano i tabulati di calcolo elaborati come output dal programma di calcolo.

Risultati del calcolo

Parametri di calcolo
La modellazione della struttura e la rielaborazione dei risultati del calcolo sono stati effettuati con:
ModeSt ver. 8.28, licenza n. 7279, prodotto da Tecnisoft s.a.s. - Prato
La struttura è stata calcolata utilizzando come solutore agli elementi finiti:
Xfinest ver. 9.5.3, licenza n. 3451, prodotto da Ce.A.S. S.r.l. - Milano

Tipo di normativa: stati limite D.M. 18
Tipo di calcolo: sismica statica
Vincoli esterni: Considera sempre vincoli assegnati in modellazione
Schematizzazione piani rigidi: nessun impalcato rigido
Modalità di recupero masse secondarie: mantenere sul nodo masse e forze relative

Generazione combinazioni

- Lineari: Sì
- Valuta spostamenti e non sollecitazioni: No
- Buckling: No

Opzioni di calcolo

- Non sono state considerate infinitamente rigide le zone di connessione fra travi, pilastri ed elementi bidimensionali
- Calcolo con offset rigidi dai nodi: No
- Uniformare i carichi variabili: No
- Massimizzare i carichi variabili: No
- Recupero carichi zone rigide: taglio e momento flettente
- Modalità di combinazione momento torcente: disaccoppiare le azioni

Opzioni del solutore

- Tipo di elemento bidimensionale: QF46
- Calcolo sforzo nei nodi: No
- Trascura deformabilità a taglio delle aste: No
- Analisi dinamica con metodo di Lanczos: Sì
- Check sequenza di Sturm: Sì
- Analisi non lineare con Newton modificato: No
- Usa formulazione secante per buckling: No
- Trascura buckling torsionale: No
- Opzioni aggiuntive per analisi non lineari in presenza di elementi
  bidimensionali con comportamento Drucker-Prager:

```
OPTION PARAM CONV=E
OPTION PARAM RESENORM=1.E-8
OPTION PARAM AUTO_INCREMENT=YES
OPTION PARAM LINE_SEARCHES=YES
OPTION PARAM BGINCRS=1.0
OPTION PARAM AVINCRS=1.0
```

Dati struttura

- Sito di costruzione: CPHJ+42 Foggia FG, Italia LON. 15.73010 LAT. 41.42780
  Contenuto tra ID reticolo: 30559 30558 30337 30336

Simbologia
Ag = Accelerazione orizzontale massima al sito
C_C = Coefficiente funzione della categoria del suolo
Fo = Valore massimo del fattore di amplificazione dello spettro in accelerazione orizzontale
S_S = Coefficiente di amplificazione stratigrafica
T_R = Periodo di ritorno <anni>
TCC = Tipo di combinazione di carico
SLU = Stato limite ultimo
SLE R = Stato limite d'esercizio, combinazione rara
SLE F = Stato limite d'esercizio, combinazione frequente
SLE Q = Stato limite d'esercizio, combinazione quasi permanente
SLD = Stato limite di danno
SND = Stato limite di salvaguardia della vita (non dissipativo)
Tc* = Periodo di inizio del tratto a velocità costante dello spettro in accelerazione orizzontale <sec>

TCC	T_R	Ag <g>	Fo	Tc*	S_S	C_C
SLD	50	0.0554	2.54	0.33	1.50	1.52
SLV	475	0.1323	2.61	0.43	1.49	1.38

- Edificio esistente: No
- Spettri: Automatici da normativa
- Tipo di opera: Opera ordinaria
- Vita nominale V_N: 50.00
- Classe d'uso: Classe II
- SL Esercizio: SLOPvr No, SLDPvr 63.00
- SL Ultimi: SLVPvr 10.00, SLCPvr No
- Struttura dissipativa: No
- Quota di riferimento: 0.00 <m>
- Quota max della struttura: 3.30 <m>
- Altezza della struttura: 3.30 <m>
- Numero piani edificio: 0
- Coefficiente θ: 0.00
- Edificio regolare in altezza: Sì
- Edificio regolare in pianta: Sì
- Forze orizzontali convenzionali per stati limite non sismici: No
- Genera stati limite per verifiche di resistenza al fuoco: No

Dati di calcolo

- Categoria del suolo di fondazione: C
- Tipologia strutturale: acciaio a mensola o a pendolo inverso

Periodo T_1	0.20812
Coeff. λ SLD	1.00
Coeff. λ SLV	1.00
Rapporto di sovraresistenza (α_u/α_1)	1.00
Valore di riferimento del fattore di comportamento (q_0)	1.00
Fattore riduttivo (K_w)	1.00
Fattore riduttivo regolarità in altezza (KR)	1.00
Fattore di comportamento dissipativo (q)	1.00
Fattore di comportamento non dissipativo (qND)	1.00
Fattore di comportamento per SLD (qD)	1.00

- Categoria topografica: T1 - Superficie pianeggiante, pendii e rilievi isolati con inclinazione media i<=15°
- Coeff. amplificazione topografica S_T: 1.00
- Accelerazione di picco del terreno AgS: 0.1976 <g>
- Fattore di comportamento per sisma verticale (qv): 1.50
- Smorzamento spettro: 5.00%

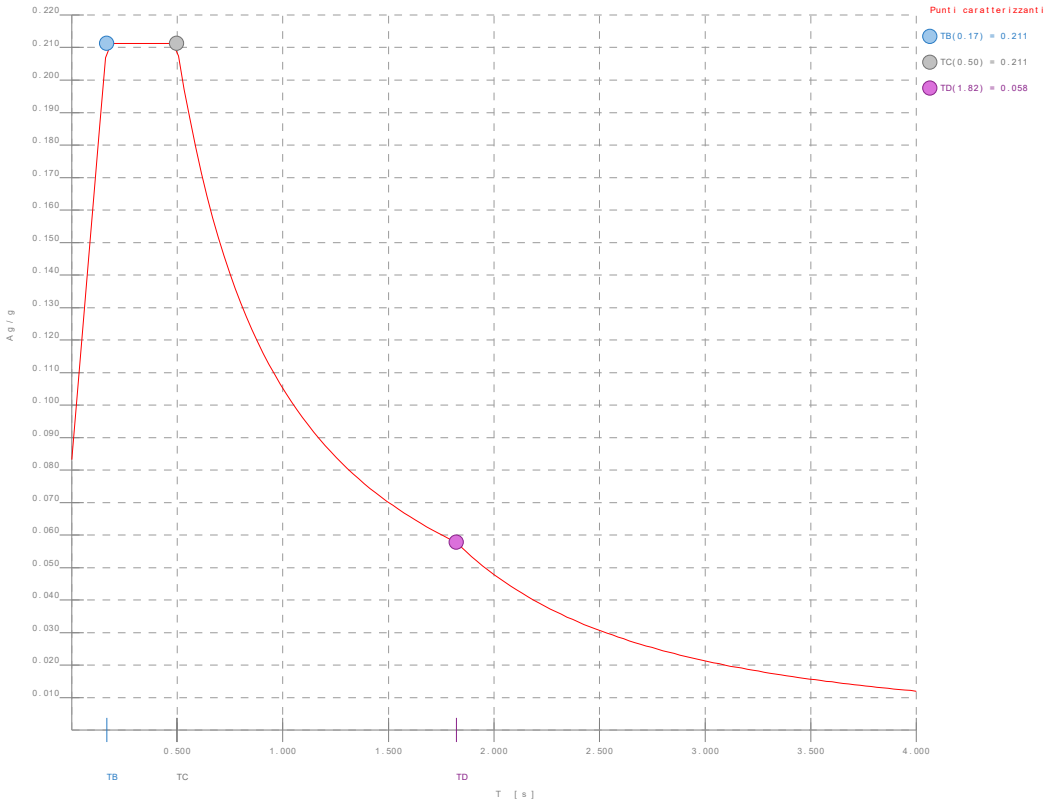


Figura numero 1: Spettro SLD

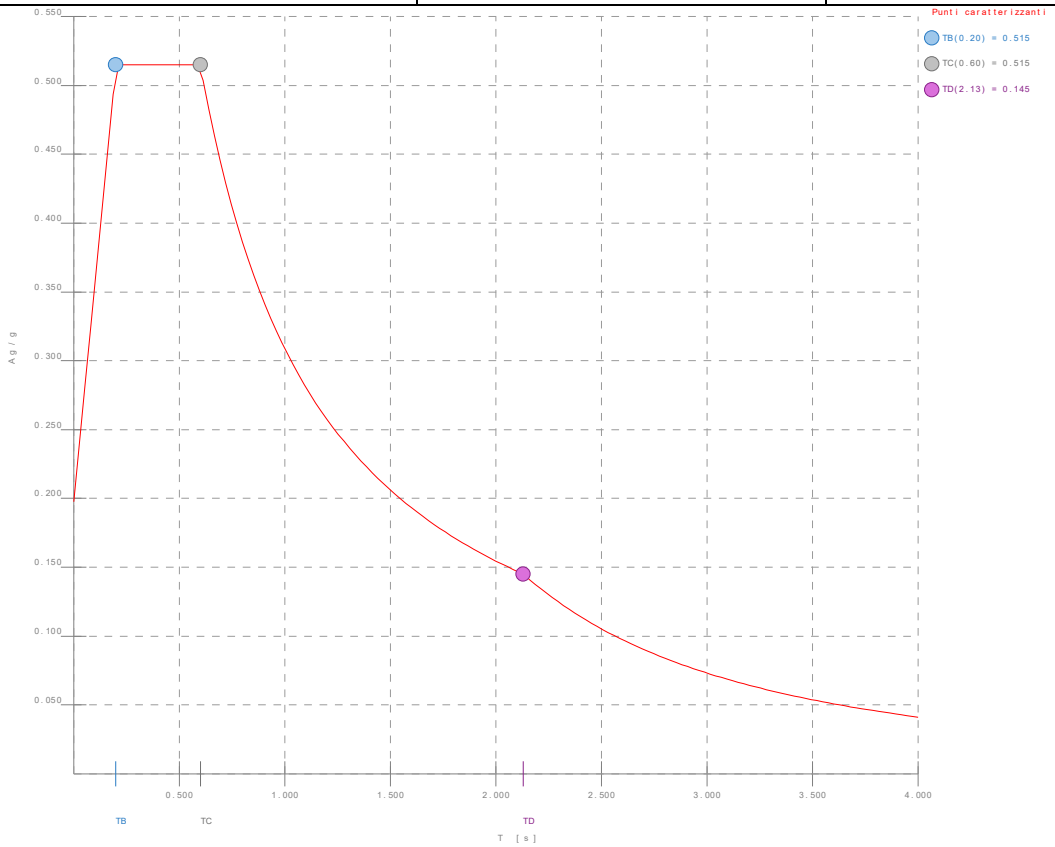


Figura numero 2: Spettro SND

- Angolo di ingresso del sisma: 0.00 <grad>
- Tipo di combinazione sismica: 30% esteso

Ambienti di carico
Simbologia
N = Numero
Comm. = Commento
1 = G1 - Peso Proprio
2 = G2 - Permanenti non strutturali
3 = Q - Variabili neve
4 = Q - Vento retro Cond.A
5 = Q - Vento retro Cond.B
6 = Q - Vento fronte Cond.C
7 = Q - Vento fronte Cond.D
F = azioni orizzontali convenzionali
SLU = Stato limite ultimo
SLR = Stato limite per combinazioni rare
SLF = Stato limite per combinazioni frequenti
SLQ/D = Stato limite per combinazioni quasi permanenti o di danno
S = Sì
N = No

N	Comm.	1	2	3	4	5	6	7	S	SLU	SLR	SLF	SLQ
1	Calcolo sismico	S	S	S	N	N	N	N	S	S	N	N	N
2	Calcolo statico	S	S	S	N	N	N	N	S	S	S	S	S
3	Vento cond A	S	S	S	S	N	N	N	S	S	S	S	S
4	Vento cond B	S	S	S	N	S	N	N	S	S	S	S	S
5	Vento cond C	S	S	S	N	N	S	N	S	S	S	S	S
6	Vento cond D	S	S	S	N	N	N	S	S	S	S	S	S

Elenco combinazioni di carico simboliche

Simbologia
CC = Numero della combinazione delle condizioni di carico elementari
Comm. = Commento
TCC = Tipo di combinazione di carico
SLU = Stato limite ultimo
SLE R = Stato limite d'esercizio, combinazione rara
SLE F = Stato limite d'esercizio, combinazione frequente
SLE Q = Stato limite d'esercizio, combinazione quasi permanente
SLD = Stato limite di danno
SND = Stato limite di salvaguardia della vita (non dissipativo)

CC	Comm.	TCC	1	2	3	4	5	6	7	S
1	Amb. 1 (Sisma)	SLU S	1	1	ψ_2	-----	-----	-----	-----	1
2	Amb. 2 (SLU)	SLU	γ max	γ max	γ max	-----	-----	-----	-----	-----
3	Amb. 2 (SLE R)	SLE R	1	1	1	-----	-----	-----	-----	-----
4	Amb. 2 (SLE F)	SLE F	1	1	ψ_1	-----	-----	-----	-----	-----
5	Amb. 2 (SLE Q)	SLE Q	1	1	ψ_2	-----	-----	-----	-----	-----
6	Amb. 3 (SLU)	SLU	γ max	γ max	ψ_0*γ max	γ max	-----	-----	-----	-----

7	Amb. 3 (SLU)	SLU	γ max	γ max	γ max	ψ_0*γ max	-----	-----	-----	-----
8	Amb. 3 (SLE R)	SLE R	1	1	ψ_0	1	-----	-----	-----	-----
9	Amb. 3 (SLE R)	SLE R	1	1	1	ψ_0	-----	-----	-----	-----
10	Amb. 3 (SLE F)	SLE F	1	1	ψ_2	ψ_1	-----	-----	-----	-----
11	Amb. 3 (SLE F)	SLE F	1	1	ψ_1	ψ_2	-----	-----	-----	-----
12	Amb. 3 (SLE Q)	SLE Q	1	1	ψ_2	ψ_2	-----	-----	-----	-----
13	Amb. 4 (SLU)	SLU	γ max	γ max	ψ_0*γ max	-----	γ max	-----	-----	-----
14	Amb. 4 (SLU)	SLU	γ max	γ max	γ max	-----	ψ_0*γ max	-----	-----	-----
15	Amb. 4 (SLE R)	SLE R	1	1	ψ_0	-----	1	-----	-----	-----
16	Amb. 4 (SLE R)	SLE R	1	1	1	-----	ψ_0	-----	-----	-----
17	Amb. 4 (SLE F)	SLE F	1	1	ψ_2	-----	ψ_1	-----	-----	-----
18	Amb. 4 (SLE F)	SLE F	1	1	ψ_1	-----	ψ_2	-----	-----	-----
19	Amb. 4 (SLE Q)	SLE Q	1	1	ψ_2	-----	ψ_2	-----	-----	-----
20	Amb. 5 (SLU)	SLU	γ max	γ max	ψ_0*γ max	-----	-----	γ max	-----	-----
21	Amb. 5 (SLU)	SLU	γ max	γ max	γ max	-----	-----	ψ_0*γ max	-----	-----
22	Amb. 5 (SLE R)	SLE R	1	1	ψ_0	-----	-----	1	-----	-----
23	Amb. 5 (SLE R)	SLE R	1	1	1	-----	-----	ψ_0	-----	-----
24	Amb. 5 (SLE F)	SLE F	1	1	ψ_2	-----	-----	ψ_1	-----	-----
25	Amb. 5 (SLE F)	SLE F	1	1	ψ_1	-----	-----	ψ_2	-----	-----
26	Amb. 5 (SLE Q)	SLE Q	1	1	ψ_2	-----	-----	ψ_2	-----	-----
27	Amb. 6 (SLU)	SLU	γ max	γ max	ψ_0*γ max	-----	-----	-----	γ max	-----
28	Amb. 6 (SLU)	SLU	γ max	γ max	γ max	-----	-----	-----	ψ_0*γ max	-----
29	Amb. 6 (SLE R)	SLE R	1	1	ψ_0	-----	-----	-----	1	-----
30	Amb. 6 (SLE R)	SLE R	1	1	1	-----	-----	-----	ψ_0	-----
31	Amb. 6 (SLE F)	SLE F	1	1	ψ_2	-----	-----	-----	ψ_1	-----
32	Amb. 6 (SLE F)	SLE F	1	1	ψ_1	-----	-----	-----	ψ_2	-----
33	Amb. 6 (SLE Q)	SLE Q	1	1	ψ_2	-----	-----	-----	ψ_2	-----

Genera le combinazioni con un solo carico di tipo variabile come di base: Sì

Considera sollecitazioni dinamiche con segno dei modi principali: No

Combinazioni delle CCE

Simbologia
An. =Tipo di analisi
L = Lineare
NL = Non lineare
Bk =Buckling
S = Sì
N = No
CC =Numero della combinazione delle condizioni di carico elementari
Comm. =Commento
TCC =Tipo di combinazione di carico
SLU = Stato limite ultimo
SLE R = Stato limite d'esercizio, combinazione rara
SLE F = Stato limite d'esercizio, combinazione frequente
SLE Q = Stato limite d'esercizio, combinazione quasi permanente
SLD = Stato limite di danno
SND = Stato limite di salvaguardia della vita (non dissipativo)

CC	Comm.	TCC	An.	Bk	1	2	3	4	5	6	7	S X	S Y
1	Amb. 1 (SLU S) S +X+0.3Y	SND	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	0.30
2	Amb. 1 (SLE) S +X+0.3Y	SLD	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	0.30
3	Amb. 1 (SLU S) S +X-0.3Y	SND	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	-0.30
4	Amb. 1 (SLE) S +X-0.3Y	SLD	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	-0.30
5	Amb. 1 (SLU S) S -X+0.3Y	SND	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	-1.00	0.30
6	Amb. 1 (SLE) S -X+0.3Y	SLD	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	-1.00	0.30
7	Amb. 1 (SLU S) S -X-0.3Y	SND	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	-1.00	-0.30
8	Amb. 1 (SLE) S -X-0.3Y	SLD	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	-1.00	-0.30
9	Amb. 1 (SLU S) S +0.3X+Y	SND	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.30	1.00
10	Amb. 1 (SLE) S +0.3X+Y	SLD	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.30	1.00
11	Amb. 1 (SLU S) S -0.3X+Y	SND	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	-0.30	1.00
12	Amb. 1 (SLE) S -0.3X+Y	SLD	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	-0.30	1.00
13	Amb. 1 (SLU S) S +0.3X-Y	SND	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.30	-1.00
14	Amb. 1 (SLE) S +0.3X-Y	SLD	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.30	-1.00
15	Amb. 1 (SLU S) S -0.3X-Y	SND	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	-0.30	-1.00
16	Amb. 1 (SLE) S -0.3X-Y	SLD	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	-0.30	-1.00
17	Amb. 2 (SLU)	SLU	L	N	1.30	1.50	1.50	0.00	0.00	0.00	0.00	0.00	0.00
18	Amb. 2 (SLE R)	SLE R	L	N	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00
19	Amb. 2 (SLE F)	SLE F	L	N	1.00	1.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00
20	Amb. 2 (SLE Q)	SLE Q	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	Amb. 3 (SLU)	SLU	L	N	1.30	1.50	0.75	1.50	0.00	0.00	0.00	0.00	0.00
22	Amb. 3 (SLU)	SLU	L	N	1.30	1.50	1.50	0.90	0.00	0.00	0.00	0.00	0.00
23	Amb. 3 (SLE R)	SLE R	L	N	1.00	1.00	0.50	1.00	0.00	0.00	0.00	0.00	0.00
24	Amb. 3 (SLE R)	SLE R	L	N	1.00	1.00	1.00	0.60	0.00	0.00	0.00	0.00	0.00
25	Amb. 3 (SLE F)	SLE F	L	N	1.00	1.00	0.00	0.20	0.00	0.00	0.00	0.00	0.00
26	Amb. 3 (SLE F)	SLE F	L	N	1.00	1.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00
27	Amb. 3 (SLE Q)	SLE Q	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	Amb. 4 (SLU)	SLU	L	N	1.30	1.50	0.75	0.00	1.50	0.00	0.00	0.00	0.00
29	Amb. 4 (SLU)	SLU	L	N	1.30	1.50	1.50	0.00	0.90	0.00	0.00	0.00	0.00
30	Amb. 4 (SLE R)	SLE R	L	N	1.00	1.00	0.50	0.00	1.00	0.00	0.00	0.00	0.00
31	Amb. 4 (SLE R)	SLE R	L	N	1.00	1.00	1.00	0.00	0.60	0.00	0.00	0.00	0.00
32	Amb. 4 (SLE F)	SLE F	L	N	1.00	1.00	0.00	0.00	0.20	0.00	0.00	0.00	0.00
33	Amb. 4 (SLE F)	SLE F	L	N	1.00	1.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00
34	Amb. 4 (SLE Q)	SLE Q	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	Amb. 5 (SLU)	SLU	L	N	1.30	1.50	0.75	0.00	0.00	1.50	0.00	0.00	0.00
36	Amb. 5 (SLU)	SLU	L	N	1.30	1.50	1.50	0.00	0.00	0.90	0.00	0.00	0.00
37	Amb. 5 (SLE R)	SLE R	L	N	1.00	1.00	0.50	0.00	0.00	1.00	0.00	0.00	0.00
38	Amb. 5 (SLE R)	SLE R	L	N	1.00	1.00	1.00	0.00	0.00	0.60	0.00	0.00	0.00
39	Amb. 5 (SLE F)	SLE F	L	N	1.00	1.00	0.00	0.00	0.00	0.20	0.00	0.00	0.00
40	Amb. 5 (SLE F)	SLE F	L	N	1.00	1.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00
41	Amb. 5 (SLE Q)	SLE Q	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
42	Amb. 6 (SLU)	SLU	L	N	1.30	1.50	0.75	0.00	0.00	0.00	1.50	0.00	0.00
43	Amb. 6 (SLU)	SLU	L	N	1.30	1.50	1.50	0.00	0.00	0.00	0.90	0.00	0.00
44	Amb. 6 (SLE R)	SLE R	L	N	1.00	1.00	0.50	0.00	0.00	0.00	1.00	0.00	0.00
45	Amb. 6 (SLE R)	SLE R	L	N	1.00	1.00	1.00	0.00	0.00	0.00	0.60	0.00	0.00
46	Amb. 6 (SLE F)	SLE F	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.20	0.00	0.00

47	Amb. 6 (SLE F)	SLE F	L	N	1.00	1.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00
48	Amb. 6 (SLE Q)	SLE Q	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Elenco masse nodi

Simbologia
Mo = Massa orizzontale
Nodo = Numero del nodo

Nodo	Mo <kg>	Nodo	Mo <kg>	Nodo	Mo <kg>	Nodo	Mo <kg>	Nodo	Mo <kg>	Nodo	Mo <kg>	Nodo	Mo <kg>	Nodo	Mo <kg>	Nodo	Mo <kg>	Nodo	Mo <kg>
-104	67.23	-103	67.23	-102	67.23	-101	67.23	-100	44.85	-99	44.85	-98	67.23	-97	67.23	-96	67.23	-95	67.23	-94	67.23
-93	67.23	-92	67.23	-91	67.23	-90	67.23	-89	67.23	-88	67.23	-87	67.23	-86	67.23	-85	67.23	-84	67.23	-83	67.23
-82	67.23	-81	67.23	-80	67.23	-79	67.23	-78	67.23	-77	67.23	-76	67.23	-75	67.23	-74	67.23	-73	67.23	-72	67.23
-71	67.23	-70	67.23	-69	67.23	-68	67.23	-67	67.23	-66	67.23	-65	44.85	-64	67.23	-63	44.85	-62	67.23	-61	67.23
-60	44.85	-59	44.85	-58	67.23	-57	67.23	-56	67.23	-55	67.23	-54	67.23	-53	67.23	-52	67.23	-51	44.85	-50	44.85
-49	67.23	-48	67.23	-47	67.23	-46	67.23	-45	67.23	-44	67.23	-43	67.23	-42	67.23	-41	67.23	-38	98.18	-37	138.14
-36	129.28	-35	131.89	-34	151.43	-33	151.43	-32	129.75	-31	129.28	-30	140.28	-29	151.43	-28	151.43	-27	151.43	-26	140.15
-25	129.88	-24	151.43	-23	151.43	-22	151.43	-21	103.10	-20	103.10	-19	151.43	-18	151.43	-17	151.43	-16	129.88	-15	140.15
-14	151.43	-13	151.43	-12	151.43	-11	140.28	-10	129.28	-9	129.75	-8	151.43	-7	151.43	-6	131.89	-5	129.28	-4	138.14
-3	98.18	203	129.28	204	106.28	205	129.28														

Totali masse nodi

Mo <kg>
9450.93

Elenco forze sismiche nodali allo SLD

Simbologia
Fx = Forza in dir. X
Fy = Forza in dir. Y
Nodo = Numero del nodo
cx = Coeff. c in dir. X
cy = Coeff. c in dir. Y

Nodo	cx	cy	Fx <daN>	Fy <daN>	Nodo	cx	cy	Fx <daN>	Fy <daN>	Nodo	cx	cy	Fx <daN>	Fy <daN>	Nodo	cx	cy	Fx <daN>	Fy <daN>	Nodo	cx	cy	Fx <daN>	Fy <daN>
-104	0.01	0.01	13.94	13.94	-103	0.01	0.01	13.94	13.94	-102	0.01	0.01	13.94	13.94	-101	0.01	0.01	13.94	13.94	-100	0.00	0.00	9.30	9.30
-99	0.00	0.00	9.30	9.30	-98	0.01	0.01	13.94	13.94	-97	0.01	0.01	13.94	13.94	-96	0.01	0.01	13.94	13.94	-95	0.01	0.01	13.94	13.94
-94	0.01	0.01	13.94	13.94	-93	0.01	0.01	13.94	13.94	-92	0.01	0.01	13.94	13.94	-91	0.01	0.01	13.94	13.94	-90	0.01	0.01	13.94	13.94
-89	0.01	0.01	13.94	13.94	-88	0.01	0.01	13.94	13.94	-87	0.01	0.01	13.94	13.94	-86	0.01	0.01	13.94	13.94	-85	0.01	0.01	13.94	13.94
-84	0.01	0.01	13.94	13.94	-83	0.01	0.01	13.94	13.94	-82	0.01	0.01	13.94	13.94	-81	0.01	0.01	13.94	13.94	-80	0.01	0.01	13.94	13.94
-79	0.01	0.01	13.94	13.94	-78	0.01	0.01	13.94	13.94	-77	0.01	0.01	13.94	13.94	-76	0.01	0.01	13.94	13.94	-75	0.01	0.01	13.94	13.94
-74	0.01	0.01	13.94	13.94	-73	0.01	0.01	13.94	13.94	-72	0.01	0.01	13.94	13.94	-71	0.01	0.01	13.94	13.94	-70	0.01	0.01	13.94	13.94
-69	0.01	0.01	13.94	13.94	-68	0.01	0.01	13.94	13.94	-67	0.01	0.01	13.94	13.94	-66	0.01	0.01	13.94	13.94	-65	0.00	0.00	9.30	9.30
-64	0.01	0.01	13.94	13.94	-63	0.00	0.00	9.30	9.30	-62	0.01	0.01	13.94	13.94	-61	0.01	0.01	13.94	13.94	-60	0.00	0.00	9.30	9.30
-59	0.00	0.00	9.30	9.30	-58	0.01	0.01	13.94	13.94	-57	0.01	0.01	13.94	13.94	-56	0.01	0.01	13.94	13.94	-55	0.01	0.01	13.94	13.94
-54	0.01	0.01	13.94	13.94	-53	0.01	0.01	13.94	13.94	-52	0.01	0.01	13.94	13.94	-51	0.00	0.00	9.30	9.30	-50	0.00	0.00	9.30	9.30
-49	0.01	0.01	13.94	13.94	-48	0.01	0.01	13.94	13.94	-47	0.01	0.01	13.94	13.94	-46	0.01	0.01	13.94	13.94	-45	0.01	0.01	13.94	13.94
-44	0.01	0.01	13.94	13.94	-43	0.01	0.01	13.94	13.94	-42	0.01	0.01	13.94	13.94	-41	0.01	0.01	13.94	13.94	-38	0.01	0.01	20.35	20.35
-37	0.01	0.01	28.64	28.64	-36	0.01	0.01	26.80	26.80	-35	0.01	0.01	27.34	27.34	-34	0.02	0.02	31.39	31.39	-33	0.02	0.02	31.39	31.39
-32	0.01	0.01	26.90	26.90	-31	0.01	0.01	26.80	26.80	-30	0.01	0.01	29.08	29.08	-29	0.02	0.02	31.39	31.39	-28	0.02	0.02	31.39	31.39
-27	0.02	0.02	31.39	31.39	-26	0.01	0.01	29.05	29.05	-25	0.01	0.01	26.92	26.92	-24	0.02	0.02	31.39	31.39	-23	0.02	0.02	31.39	31.39
-22	0.02	0.02	31.39	31.39	-21	0.01	0.01	21.37	21.37	-20	0.01	0.01	21.37	21.37	-19	0.02	0.02	31.39	31.39	-18	0.02	0.02	31.39	31.39
-17	0.02	0.02	31.39	31.39	-16	0.01	0.01	26.92	26.92	-15	0.01	0.01	29.05	29.05	-14	0.02	0.02	31.39	31.39	-13	0.02	0.02	31.39	31.39
-12	0.02	0.02	31.39	31.39	-11	0.01	0.01	29.08	29.08	-10	0.01	0.01	26.80	26.80	-9	0.01	0.01	26.90	26.90	-8	0.02	0.02	31.39	31.39
-7	0.02	0.02	31.39	31.39	-6	0.01	0.01	27.34	27.34	-5	0.01	0.01	26.80	26.80	-4	0.01	0.01	28.64	28.64	-3	0.01	0.01	20.35	20.35
203	0.01	0.01	26.80	26.80	204	0.01	0.01	22.03	22.03	205	0.01	0.01	26.80	26.80										

Totali forze sismiche

Fx <daN>	Fy <daN>
1959.23	1959.23

Elenco forze sismiche nodali allo SND

Nodo	cx	cy	Fx <daN>	Fy <daN>	Nodo	cx	cy	Fx <daN>	Fy <daN>	Nodo	cx	cy	Fx <daN>	Fy <daN>	Nodo	cx	cy	Fx <daN>	Fy <daN>	Nodo	cx	cy	Fx <daN>	Fy <daN>
-104	0.01	0.01	33.96	33.96	-103	0.01	0.01	33.96	33.96	-102	0.01	0.01	33.96	33.96	-101	0.01	0.01	33.96	33.96	-100	0.00	0.00	22.66	22.66
-99	0.00	0.00	22.66	22.66	-98	0.01	0.01	33.96	33.96	-97	0.01	0.01	33.96	33.96	-96	0.01	0.01	33.96	33.96	-95	0.01	0.01	33.96	33.96
-94	0.01	0.01	33.96	33.96	-93	0.01	0.01	33.96	33.96	-92	0.01	0.01	33.96	33.96	-91	0.01	0.01	33.96	33.96	-90	0.01	0.01	33.96	33.96
-89	0.01	0.01	33.96	33.96	-88	0.01	0.01	33.96	33.96	-87	0.01	0.01	33.96	33.96	-86	0.01	0.01	33.96	33.96	-85	0.01	0.01	33.96	33.96
-84	0.01	0.01	33.96	33.96	-83	0.01	0.01	33.96	33.96	-82	0.01	0.01	33.96	33.96	-81	0.01	0.01	33.96	33.96	-80	0.01	0.01	33.96	33.96
-79	0.01	0.01	33.96	33.96	-78	0.01	0.01	33.96	33.96	-77	0.01	0.01	33.96	33.96	-76	0.01	0.01	33.96	33.96	-75	0.01	0.01	33.96	33.96
-74	0.01	0.01	33.96	33.96	-73	0.01	0.01	33.96	33.96	-72	0.01	0.01	33.96	33.96	-71	0.01	0.01	33.96	33.96	-70	0.01	0.01	33.96	33.96
-69	0.01	0.01	33.96	33.96	-68	0.01	0.01	33.96	33.96	-67	0.01	0.01	33.96	33.96	-66	0.01	0.01	33.96	33.96	-65	0.00	0.00	22.66	22.66
-64	0.01	0.01	33.96	33.96	-63	0.00	0.00	22.66	22.66	-62	0.01	0.01	33.96	33.96	-61	0.01	0.01	33.96	33.96	-60	0.00	0.00	22.66	22.66
-59	0.00	0.00	22.66	22.66	-58	0.01	0.01	33.96	33.96	-57	0.01	0.01	33.96	33.96	-56	0.01	0.01	33.96	33.96	-55	0.01	0.01	33.96	33.96
-54	0.01	0.01	33.96	33.96	-53	0.01	0.01	33.96	33.96	-52	0.01	0.01	33.96	33.96	-51	0.00	0.00	22.66	22.66	-50	0.00	0.00	22.66	22.66
-49	0.01	0.01	33.96	33.96	-48	0.01	0.01	33.96	33.96	-47	0.01	0.01	33.96	33.96	-46	0.01	0.01	33.96	33.96	-45	0.01	0.01	33.96	33.96
-44	0.01	0.01	33.96	33.96	-43	0.01	0.01	33.96	33.96	-42	0.01	0.01	33.96	33.96	-41	0.01	0.01	33.96	33.96	-38	0.01	0.01	49.60	49.60
-37	0.01	0.01	69.78	69.78	-36	0.01	0.01	65.31	65.31	-35	0.01	0.01	66.63	66.63	-34	0.02	0.02	76.49	76.49	-33	0.02	0.02	76.49	76.49
-32	0.01	0.01	65.54	65.54	-31	0.01	0.01	65.31	65.31	-30	0.01	0.01	70.86	70.86	-29	0.02	0.02	76.49	76.49	-28	0.02	0.02	76.49	76.49
-27	0.02	0.02	76.49	76.49	-26	0.01	0.01	70.80	70.80	-25	0.01	0.01	65.61	65.61	-24	0.02	0.02	76.49	76.49	-23	0.02	0.02	76.49	76.49
-22	0.02	0.02	76.49	76.49	-21	0.01	0.01	52.08	52.08	-20	0.01	0.01	52.08	52.08	-19	0.02	0.02	76.49	76.49	-18	0.02	0.02	76.49	76.49
-17	0.02	0.02	76.49	76.49	-16	0.01	0.01	65.61	65.61	-15	0.01	0.01	70.80	70.80	-14	0.02	0.02	76.49	76.49	-13	0.02	0.02	76.49	76.49
-12	0.02	0.02	76.49	76.49	-11	0.01	0.01	70.86	70.86	-10	0.01	0.01	65.31	65.31	-9	0.01	0.01	65.54	65.54	-8	0.02	0.02	76.49	76.49
-7	0.02	0.02	76.49	76.49	-6	0.01	0.01	66.63	66.63	-5	0.01	0.01	65.31	65.31	-4	0.01	0.01	69.78	69.78	-3	0.01	0.01	49.60	49.60
203	0.01	0.01	65.31	65.31	204	0.01	0.01	53.69	53.69	205	0.01	0.01	65.31	65.31										

Totali forze sismiche

Fx <daN>	Fy <daN>
4774.23	4774.23

Domanda in duttilità di curvatura

Direzione X μ_{EdX}=1.20
Direzione Y μ_{EdY}=1.20

Reazioni vincolari

Simbologia
CC = Numero della combinazione delle condizioni di carico elementari
Fx = Reazione vincolare (forza) in dir. X
Fy = Reazione vincolare (forza) in dir. Y
Fz = Reazione vincolare (forza) in dir. Z
Mx = Reazione vincolare (momento) intorno all'asse X
My = Reazione vincolare (momento) intorno all'asse Y
Mz = Reazione vincolare (momento) intorno all'asse Z
Nodo = Numero del nodo
TCC = Tipo di combinazione di carico
SLU = Stato limite ultimo
SLE R = Stato limite d'esercizio, combinazione rara
SLE F = Stato limite d'esercizio, combinazione frequente
SLE Q = Stato limite d'esercizio, combinazione quasi permanente
SLD = Stato limite di danno
SND = Stato limite di salvaguardia della vita (non dissipativo)

Nodo		CC	TCC	Fx <daN>	CC	TCC	Fy <daN>	CC	TCC	Fz <daN>	CC	TCC	Mx <daNm>	CC	TCC	My <daNm>	CC	TCC	Mz <daNm>
1	Max	5	SND	542.86	13	SND	565.98	29	SLU	4350.84	11	SND	1899.64	5	SND	1107.10	11	SND	0.11
1	Min	1	SND	-662.32	9	SND	-565.98	1	SND	883.76	13	SND	-1899.64	13	SND	-1237.31	1	SND	-0.11
2	Max	5	SND	832.33	13	SND	701.25	29	SLU	5782.99	9	SND	2296.89	5	SND	1423.19	13	SND	0.45
2	Min	1	SND	-637.90	9	SND	-701.25	25	SLE F	1228.65	13	SND	-2296.89	9	SND	-1211.01	1	SND	-0.45
3	Max	5	SND	630.73	13	SND	777.34	29	SLU	6298.20	9	SND	2536.13	5	SND	1203.56	11	SND	0.24
3	Min	1	SND	-751.74	9	SND	-777.34	25	SLE F	1336.18	13	SND	-2536.13	13	SND	-1335.51	1	SND	-0.24
4	Max	5	SND	716.36	13	SND	685.09	29	SLU	5226.35	9	SND	2289.61	5	SND	1296.97	11	SND	0.00
4	Min	1	SND	-716.36	9	SND	-685.09	25	SLE F	1212.17	13	SND	-2289.61	13	SND	-1296.97	1	SND	0.00
5	Max	5	SND	751.74	13	SND	777.34	29	SLU	6298.20	9	SND	2536.13	5	SND	1335.51	13	SND	0.24
5	Min	1	SND	-630.73	9	SND	-777.34	25	SLE F	1336.18	13	SND	-2536.13	9	SND	-1203.56	1	SND	-0.24
6	Max	5	SND	637.90	13	SND	701.25	29	SLU	5782.99	9	SND	2296.89	5	SND	1211.01	9	SND	0.45
6	Min	1	SND	-832.33	9	SND	-701.25	25	SLE F	1228.65	13	SND	-2296.89	13	SND	-1423.19	1	SND	-0.45
7	Max	5	SND	662.32	13	SND	565.98	29	SLU	4350.85	9	SND	1899.65	5	SND	1237.31	15	SND	0.11
7	Min	1	SND	-542.86	9	SND	-565.98	5	SND	883.76	13	SND	-1899.65	9	SND	-1107.10	1	SND	-0.11

Sollecitazioni aste

Simbologia
Asta = Numero dell'asta
CC = Numero della combinazione delle condizioni di carico elementari
Mx = Momento torcente intorno all'asse X
My = Momento flettente intorno all'asse Y
Mz = Momento flettente intorno all'asse Z
N = Sforzo normale
N1 = Nodo1
N2 = Nodo2
Ty = Taglio in dir. Y
Tz = Taglio in dir. Z
X = Coordinata progressiva rispetto al nodo iniziale

Tipo di combinazione di carico: SND

Asta	N1	N2		X <cm>	N <daN>	CC	Ty <daN>	CC	Mz <daNm>	CC	Tz <daN>	CC	My <daNm>	CC	Mx <daNm>	CC
1	1	-5	Max	0.00	-883.76	1	542.86	5	1237.31	1	565.98	13	1899.64	9	0.11	13
1	1	-5	Max	330.00	-694.52	1	542.86	5	684.33	5	565.98	13	31.92	11	0.11	13
1	1	-5	Min.	0.00	-1483.62	5	-662.32	1	-1107.10	5	-565.98	9	-1899.64	13	-0.11	11
1	1	-5	Min.	330.00	-1294.38	5	-662.32	1	-948.33	1	-565.98	9	-31.92	13	-0.11	11
2	2	-10	Max	0.00	-1295.40	5	832.33	5	1211.01	1	701.25	13	2296.89	9	0.45	9
2	2	-10	Max	330.00	-1106.16	5	832.33	5	1323.50	5	701.25	13	17.23	15	0.45	9
2	2	-10	Min.	0.00	-1646.69	1	-637.90	1	-1423.19	5	-701.25	9	-2296.89	13	-0.45	13
2	2	-10	Min.	330.00	-1457.45	1	-637.90	1	-894.05	1	-701.25	9	-17.23	9	-0.45	13
3	3	203	Max	0.00	-1543.26	1	630.73	5	1335.51	1	777.34	13	2536.13	9	0.24	13
3	3	203	Max	330.00	-1354.02	1	630.73	5	877.85	5	777.34	13	29.09	15	0.24	13
3	3	203	Min.	0.00	-1657.37	5	-751.74	1	-1203.56	5	-777.34	9	-2536.13	13	-0.24	11
3	3	203	Min.	330.00	-1468.14	5	-751.74	1	-1145.22	1	-777.34	9	-29.09	9	-0.24	11
4	4	204	Max	0.00	-1423.57	1	716.36	1	1296.97	5	685.09	9	2289.61	13	0.00	13
4	4	204	Max	330.00	-1234.34	1	716.36	1	1067.00	1	685.09	9	28.82	15	0.00	13
4	4	204	Min.	0.00	-1423.57	1	-716.36	5	-1296.97	1	-685.09	13	-2289.61	9	0.00	11
4	4	204	Min.	330.00	-1234.34	1	-716.36	5	-1067.00	5	-685.09	13	-28.82	9	0.00	11
5	5	205	Max	0.00	-1543.26	5	630.73	1	1335.51	5	777.34	9	2536.13	13	0.24	9
5	5	205	Max	330.00	-1354.02	5	630.73	1	877.85	1	777.34	9	29.09	11	0.24	9
5	5	205	Min.	0.00	-1657.37	1	-751.74	5	-1203.56	1	-777.34	13	-2536.13	9	-0.24	13
5	5	205	Min.	330.00	-1468.14	1	-751.74	5	-1145.22	5	-777.34	13	-29.09	13	-0.24	13
6	6	-31	Max	0.00	-1295.40	1	832.33	1	1211.01	5	701.25	9	2296.89	13	0.45	13
6	6	-31	Max	330.00	-1106.16	1	832.33	1	1323.50	1	701.25	9	17.24	11	0.45	13
6	6	-31	Min.	0.00	-1646.69	5	-637.90	5	-1423.19	1	-701.25	13	-2296.89	9	-0.45	9
6	6	-31	Min.	330.00	-1457.45	5	-637.90	5	-894.05	5	-701.25	13	-17.23	13	-0.45	9
7	7	-36	Max	0.00	-883.76	5	542.86	1	1237.31	5	565.98	9	1899.65	13	0.11	9
7	7	-36	Max	330.00	-694.52	5	542.86	1	684.32	1	565.98	9	31.92	15	0.11	9
7	7	-36	Min.	0.00	-1483.62	1	-662.32	5	-1107.10	1	-565.98	13	-1899.65	9	-0.11	15
7	7	-36	Min.	330.00	-1294.39	1	-662.32	5	-948.33	5	-565.98	13	-31.92	9	-0.11	15
201	-4	-3	Max	0.00	94.91	5	94.91	9	126.73	13	216.51	1	-246.11	1	0.00	1
201	-4	-3	Max	133.53	94.91	5	94.91	9	0.00	9	152.11	1	0.00	1	0.00	1
201	-4	-3	Min.	0.00	-94.91	1	-94.91	13	-126.73	11	216.51	1	-246.11	1	0.00	1
201	-4	-3	Min.	133.53	-94.91	1	-94.91	13	0.00	15	152.11	1	0.00	1	0.00	1
201	-5	-4	Max	0.00	232.61	5	232.61	9	311.58	13	470.88	1	-605.07	1	0.00	1
201	-5	-4	Max	79.47	232.61	5	232.61	9	126.73	13	432.55	1	-246.11	1	0.00	1
201	-5	-4	Min.	0.00	-232.61	1	-232.61	13	-311.58	11	470.88	1	-605.07	1	0.00	1
201	-5	-4	Min.	79.47	-232.61	1	-232.61	13	-126.73	11	432.55	1	-246.11	1	0.00	1
201	-6	-5	Max	0.00	364.40	1	268.06	13	166.53	13	-197.57	1	457.12	1	31.92	15
201	-6	-5	Max	54.07	364.40	1	268.06	13	311.47	13	-223.65	1	343.26	1	31.92	15
201	-6	-5	Min.	0.00	-244.94	5	-268.06	9	-166.53	11	-797.43	5	-851.20	5	-31.92	9
201	-6	-5	Min.	54.07	-244.94	5	-268.06	9	-311.47	11	-823.50	5	-1289.40	5	-31.92	9
201	-7	-6	Max	0.00	229.85	1	133.52	13	11.76	9	82.88	1	389.45	1	31.92	15
201	-7	-6	Max	133.53	229.85	1	133.52	13	166.53	13	18.47	1	457.12	1	31.92	15
201	-7	-6	Min.	0.00	-110.40	7	-133.52	11	-11.76	15	-516.98	5	-117.86	5	-31.92	9
201	-7	-6	Min.	133.53	-110.40	7	-133.52	11	-166.53	11	-581.38	5	-851.20	5	-31.92	9
201	-8	-7	Max	0.00	85.44	1	10.90	9	2.79	13	363.32	1	241.00	5	31.92	15
201	-8	-7	Max	133.53	85.44	1	10.90	9	11.76	9	298.92	1	389.45	1	31.92	15
201	-8	-7	Min.	0.00	34.02	7	-10.90	15	-2.79	11	-236.54	5	-52.71	1	-31.92	9
201	-8	-7	Min.	133.53	34.02	7	-10.90	15	-11.76	15	-300.94	5	-117.86	5	-31.92	9
201	-9	-8	Max	0.00	178.43	5	155.31	9	210.18	13	643.77	1	225.36	5	31.92	15

201	-9	-8	Max	91.04					-20.64	5			245.35	5		
201	-9	-8	Max	133.53	178.43	5	155.31	9	2.79	13	579.37	1	241.00	5	31.92	15
201	-9	-8	Min.	0.00	-58.97	3	-155.31	15	-210.18	9	43.91	5	-869.35	1	-31.92	9
201	-9	-8	Min.	91.04					-20.64	5			245.35	5		
201	-9	-8	Min.	133.53	-58.97	3	-155.31	15	-2.79	11	-20.49	5	-52.70	1	-31.92	9
201	-10	-9	Max	0.00	311.89	5	288.77	9	341.10	13	881.68	1	102.56	5	31.92	15
201	-10	-9	Max	45.33	311.89	5	288.77	9	210.19	13	859.81	1	225.36	5	31.92	15
201	-10	-9	Min.	0.00	-192.43	1	-288.77	13	-341.10	9	281.82	5	-1264.10	1	-31.92	9
201	-10	-9	Min.	45.33	-192.43	1	-288.77	13	-210.19	11	259.95	5	-869.36	1	-31.92	9
202	-11	-10	Max	0.00	380.16	1	347.17	13	35.34	15	-533.24	1	119.03	1	14.68	13
202	-11	-10	Max	88.20	380.16	1	347.17	13	341.55	13	-575.78	1	-370.05	1	14.68	13
202	-11	-10	Min.	0.00	-455.13	7	-347.17	9	-35.34	9	-781.81	5	-512.63	5	-14.68	9
202	-11	-10	Min.	88.20	-455.13	7	-347.17	9	-341.55	9	-824.35	5	-1220.94	5	-14.68	9
202	-12	-11	Max	0.00	241.37	1	208.39	13	242.92	11	-252.79	1	499.58	1	14.68	13
202	-12	-11	Max	133.53	241.37	1	208.39	13	35.34	13	-317.19	1	119.03	1	14.68	13
202	-12	-11	Min.	0.00	-316.35	7	-208.39	11	-242.92	13	-501.36	5	199.85	5	-14.68	9
202	-12	-11	Min.	133.53	-316.35	7	-208.39	11	-35.34	11	-565.76	5	-512.63	5	-14.68	9
202	-13	-12	Max	0.00	96.96	1	63.97	13	328.35	9	27.66	1	537.85	5	14.68	13
202	-13	-12	Max	57.34					87.50	1			513.59	1		
202	-13	-12	Max	133.53	96.96	1	63.97	13	242.92	9	-36.75	1	499.59	1	14.68	13
202	-13	-12	Min.	0.00	-171.93	7	-63.97	11	-328.35	13	-220.91	5	505.66	1	-14.68	9
202	-13	-12	Min.	57.34					87.50	1			513.59	1		
202	-13	-12	Min.	133.53	-171.93	7	-63.97	11	-242.92	15	-285.32	5	199.86	5	-14.68	9
202	-14	-13	Max	0.00	-27.52	5	80.44	9	220.94	11	308.10	1	501.36	5	14.68	15
202	-14	-13	Max	123.43					96.07	5			538.10	5		
202	-14	-13	Max	133.53	-27.52	5	80.44	9	328.35	9	243.70	1	537.85	5	14.68	15
202	-14	-13	Min.	0.00	-47.45	3	-80.44	15	-220.94	13	59.53	5	137.24	1	-14.68	9
202	-14	-13	Min.	123.43					96.07	5			538.10	5		
202	-14	-13	Min.	133.53	-47.45	3	-80.44	15	-328.35	13	-4.87	5	505.66	1	-14.68	9
202	-15	-14	Max	0.00	116.90	5	224.85	9	79.32	15	588.55	1	90.37	5	14.68	13
202	-15	-14	Max	133.53	116.90	5	224.85	9	220.94	9	524.14	1	501.36	5	14.68	13
202	-15	-14	Min.	0.00	-191.87	3	-224.85	15	-79.32	9	339.98	5	-605.67	1	-14.68	9
202	-15	-14	Min.	133.53	-191.87	3	-224.85	15	-220.94	13	275.57	5	137.24	1	-14.68	9
202	203	-15	Max	0.00	255.61	5	363.57	9	398.05	13	846.87	1	-415.61	5	14.68	13
202	203	-15	Max	87.67	255.61	5	363.57	9	79.32	13	804.59	1	90.37	5	14.68	13
202	203	-15	Min.	0.00	-330.59	3	-363.57	13	-398.05	9	598.30	5	-1329.56	1	-14.68	9
202	203	-15	Min.	87.67	-330.59	3	-363.57	13	-79.32	11	556.02	5	-605.67	1	-14.68	9
203	-16	203	Max	0.00	355.84	1	348.46	13	237.97	15	-485.03	1	43.21	1	14.41	11
203	-16	203	Max	45.87	355.84	1	348.46	13	397.80	13	-507.15	1	-184.33	1	14.41	11
203	-16	203	Min.	0.00	-309.81	7	-348.46	9	-237.97	9	-847.71	5	-899.54	5	-14.41	13
203	-16	203	Min.	45.87	-309.81	7	-348.46	9	-397.80	9	-869.83	5	-1293.43	5	-14.41	13
203	-17	-16	Max	0.00	222.32	1	214.94	13	49.03	11	-204.58	1	359.38	1	14.41	11
203	-17	-16	Max	133.53	222.32	1	214.94	13	237.98	13	-268.99	1	43.20	1	14.41	11
203	-17	-16	Min.	0.00	-176.28	7	-214.94	11	-49.03	13	-567.27	5	-99.07	5	-14.41	13
203	-17	-16	Min.	133.53	-176.28	7	-214.94	11	-237.98	9	-631.67	5	-899.56	5	-14.41	13
203	-18	-17	Max	0.00	77.90	1	70.52	13	143.20	9	75.86	1	326.92	5	14.41	11
203	-18	-17	Max	133.53	77.90	1	70.52	13	49.03	9	11.46	1	359.38	1	14.41	11
203	-18	-17	Min.	0.00	-31.87	7	-70.52	11	-143.20	13	-286.82	5	301.08	1	-14.41	13
203	-18	-17	Min.	133.53	-31.87	7	-70.52	11	-49.03	15	-351.23	5	-99.08	5	-14.41	13
203	-19	-18	Max	0.00	112.54	5	73.89	9	44.52	11	356.31	1	378.44	5	14.41	11
203	-19	-18	Max	133.53	112.54	5	73.89	9	143.19	9	291.91	1	326.93	5	14.41	11
203	-19	-18	Min.	0.00	-66.51	3	-73.89	15	-44.52	13	-6.37	7	-131.74	1	-14.41	13
203	-19	-18	Min.	133.53	-66.51	3	-73.89	15	-143.19	13	-70.78	5	301.06	1	-14.41	13
203	-20	-19	Max	0.00	256.96	5	218.31	9	246.99	13	636.76	1	55.46	5	14.41	11
203	-20	-19	Max	133.53	256.96	5	218.31	9	44.53	9	572.35	1	378.44	5	14.41	11
203	-20	-19	Min.	0.00	-210.93	3	-218.31	15	-246.99	9	274.07	5	-939.00	1	-14.41	13
203	-20	-19	Min.	133.53	-210.93	3	-218.31	15	-44.53	15	209.67	5	-131.72	1	-14.41	13
203	204	-20	Max	0.00	354.35	5	315.70	9	310.12	13	798.51	1	-30.74	7	14.41	11
203	204	-20	Max	20.00	354.35	5	315.70	9	246.99	13	788.87	1	55.46	5	14.41	11
203	204	-20	Min.	0.00	-308.32	3	-315.70	13	-310.12	9	435.82	5	-1097.74	1	-14.41	13
203	204	-20	Min.	20.00	-308.32	3	-315.70	13	-246.99	9	426.18	5	-939.00	1	-14.41	13
204	204	-21	Max	0.00	354.35	1	315.70	13	310.12	9	798.51	5	-30.74	1	14.41	15
204	204	-21	Max	20.00	354.35	1	315.70	13	246.99	9	788.87	5	55.46	1	14.41	15
204	204	-21	Min.	0.00	-308.32	7	-315.70	9	-310.12	13	435.82	1	-1097.74	5	-14.41	9
204	204	-21	Min.	20.00	-308.32	7	-315.70	9	-246.99	13	426.18	1	-939.00	5	-14.41	9
204	-21	-22	Max	0.00	256.96	1	218.31	13	246.99	11	636.76	5	55.47	1	14.41	15
204	-21	-22	Max	133.53	256.96	1	218.31	13	44.53	13	572.35	5	378.44	1	14.41	15
204	-21	-22	Min.	0.00	-210.93	7	-218.31	11	-246.99	13	274.07	1	-939.00	5	-14.41	9
204	-21	-22	Min.	133.53	-210.93	7	-218.31	11	-44.53	11	209.67	1	-131.72	5	-14.41	9
204	-22	-23	Max	0.00	112.54	1	73.89	13	44.52	15	356.31	5	378.44	1	14.41	15
204	-22	-23	Max	133.53	112.54	1	73.89	13	143.19	13	291.91	5	326.92	1	14.41	15
204	-22	-23	Min.	0.00	-66.51	7	-73.89	11	-44.52	9	-6.37	1	-131.74	5	-14.41	9
204	-22	-23	Min.	133.53	-66.51	7	-73.89	11	-143.19	9	-70.78	1	301.06	5	-14.41	9
204	-23	-24	Max	0.00	77.90	5	70.52	9	143.19	13	75.86	5	326.92	1	14.41	15
204	-23	-24	Max	133.53	77.90	5	70.52	9	49.03	13	11.46	5	359.38	5	14.41	15
204	-23	-24	Min.	0.00	-31.87	3	-70.52	15	-143.19	9	-286.82	1	301.08	5	-14.41	9
204	-23	-24	Min.	133.53	-31.87	3	-70.52	15	-49.03	11	-351.23	1	-99.08	1	-14.41	9
204	-24	-25	Max	0.00	222.32	5	214.94	9	49.03	15	-204.58	5	359.38	5	14.41	15
204	-24	-25	Max	133.53	222.32	5	214.94	9	237.98	9	-268.99	5	43.20	5	14.41	15
204	-24	-25	Min.	0.00	-176.28	3	-214.94	15	-49.03	9	-567.27	1	-99.07	1	-14.41	9
204	-24	-25	Min.	133.53	-176.28	3	-214.94	15	-237.98	13	-631.67	1	-899.56	1	-14.41	9
204	-25	205	Max	0.00	355.85	5	348.46	9	237.98	11	-485.03	5	43.21	5	14.41	15
204	-25	205	Max	45.87	355.85	5	348.46	9	397.81	9	-507.15	5	-184.33	5	14.41	15
204	-25	205	Min.	0.00	-309.81	3	-348.46	13	-237.98	13	-847.71	1	-899.54	1	-14.41	9
204	-25	205	Min.	45.87	-309.81	3	-348.46	13	-397.81	13	-869.83	1	-1293.44	1	-14.41	9
205	205	-26	Max	0.00	255.61	1	363.57	13	398.05	9	846.87	5	-415.61	1	14.68	9
205	205	-26	Max	87.67	255.61	1	363.57	13	79.32	9	804.59	5	90.37	1	14.68	9
205	205	-26	Min.	0.00	-330.59	5	-363.57	9	-398.05	13	598.30	1	-1329.57	5	-14.68	15
205	205	-26	Min.	87.67	-330.59	5	-363.57	9	-79.32	13	556.02	1	-605.68	5	-14.68	15
205	-26	-27	Max	0.00	116.90	1	224.85	13	79.31	11	588.55	5	90.39	1	14.68	9
205	-26	-27	Max	133.53	116.90	1	224.85	13	220.95	15	524.14	5	501.37	1	14.68	9
205	-26	-27	Min.	0.00	-191.87	7	-224.85	9	-79.31	13	339.98	1	-605.65	5	-14.68	15
205	-26	-27	Min.	133.53	-191.87	7	-224.85	9	-220.95	9	275.57	1	137.26	5	-14.68	15
205	-27	-28	Max	0.00	-27.52	1	80.44	13	220.94	13	308.10	5	501.36	1	14.68	9
205	-27	-28	Max	123.43					-96.07	1			538.10	1		
205	-27	-28	Max	133.53	-27.52	1	80.44	13	328.35	13	243.70	5	537.85	1	14.68	9
205	-27	-28	Min.	0.00	-47.45	7	-80.44	9	-220.94	11	59.53	1	137.24	5	-14.68	15
205	-27	-28	Min.	123.43					-96.07	1			538.10	1		
205	-27	-28	Min.	133.53	-47.45	7	-80.44	9	-328.35	11	-4.87	1	505.66	5	-14.68	15
205	-28	-29	Max	0.00	96.96	5	63.97	9	328.35	13	27.66	5	537.85	1	14.68	9
205	-28	-29	Max	57.34					-87.50	5			513.58	5		

205	-28	-29	Max	133.53	96.96	5	63.97	9	242.92	13	-36.75	5	499.58	5	14.68	9
205	-28	-29	Min.	0.00	-171.93	3	-63.97	15	-328.35	9	-220.91	1	505.65	5	-14.68	15
205	-28	-29	Min.	57.34					-87.50	5			513.58	5		
205	-28	-29	Min.	133.53	-171.93	3	-63.97	15	-242.92	11	-285.32	1	199.86	1	-14.68	15
205	-29	-30	Max	0.00	241.37	5	208.39	9	242.92	15	-252.79	5	499.58	5	14.68	9
205	-29	-30	Max	133.53	241.37	5	208.39	9	35.35	9	-317.20	5	119.02	5	14.68	9
205	-29	-30	Min.	0.00	-316.35	1	-208.39	13	-242.92	9	-501.36	1	199.84	1	-14.68	15
205	-29	-30	Min.	133.53	-316.35	1	-208.39	13	-35.35	13	-565.77	1	-512.64	1	-14.68	15
205	-30	-31	Max	0.00	380.16	5	347.17	9	35.34	11	-533.24	5	119.03	5	14.68	9
205	-30	-31	Max	88.20	380.16	5	347.17	9	341.55	9	-575.78	5	-370.05	5	14.68	9
205	-30	-31	Min.	0.00	-455.13	1	-347.17	13	-35.34	13	-781.81	1	-512.62	1	-14.68	15
205	-30	-31	Min.	88.20	-455.13	1	-347.17	13	-341.55	13	-824.35	1	-1220.94	1	-14.68	15
206	-31	-32	Max	0.00	311.89	1	288.77	13	341.10	9	881.68	5	102.56	1	31.92	11
206	-31	-32	Max	45.33	311.89	1	288.77	13	210.19	11	859.81	5	225.36	1	31.92	11
206	-31	-32	Min.	0.00	-192.43	5	-288.77	9	-341.10	13	281.82	1	-1264.09	5	-31.92	13
206	-31	-32	Min.	45.33	-192.43	5	-288.77	9	-210.19	13	259.95	1	-869.35	5	-31.92	13
206	-32	-33	Max	0.00	178.43	1	155.31	13	210.19	9	643.77	5	225.35	1	31.92	11
206	-32	-33	Max	91.04					20.64	1			245.34	1		
206	-32	-33	Max	133.53	178.43	1	155.31	13	2.80	9	579.37	5	240.99	1	31.92	11
206	-32	-33	Min.	0.00	-58.97	7	-155.31	9	-210.19	15	43.91	1	-869.38	5	-31.92	13
206	-32	-33	Min.	91.04					20.64	1			245.34	1		
206	-32	-33	Min.	133.53	-58.97	7	-155.31	9	-2.80	15	-20.49	1	-52.73	5	-31.92	13
206	-33	-34	Max	0.00	85.44	5	10.90	13	2.79	9	363.32	5	240.99	1	31.92	11
206	-33	-34	Max	133.53	85.44	5	10.90	13	11.75	13	298.92	5	389.46	5	31.92	11
206	-33	-34	Min.	0.00	34.02	3	-10.90	11	-2.79	15	-236.54	1	-52.69	5	-31.92	13
206	-33	-34	Min.	133.53	34.02	3	-10.90	11	-11.75	11	-300.94	1	-117.87	1	-31.92	13
206	-34	-35	Max	0.00	229.86	5	133.52	9	11.75	15	82.88	5	389.45	5	31.92	11
206	-34	-35	Max	133.53	229.86	5	133.52	9	166.54	9	18.47	5	457.12	5	31.92	11
206	-34	-35	Min.	0.00	-110.39	3	-133.52	13	-11.75	9	-516.98	1	-117.86	1	-31.92	13
206	-34	-35	Min.	133.53	-110.39	3	-133.52	13	-166.54	13	-581.39	1	-851.21	1	-31.92	13
206	-35	-36	Max	0.00	364.40	5	268.06	9	166.53	9	-197.57	5	457.12	5	31.92	11
206	-35	-36	Max	54.07	364.40	5	268.06	9	311.47	9	-223.64	5	343.26	5	31.92	11
206	-35	-36	Min.	0.00	-244.94	1	-268.06	13	-166.53	15	-797.43	1	-851.19	1	-31.92	13
206	-35	-36	Min.	54.07	-244.94	1	-268.06	13	-311.47	15	-823.50	1	-1289.38	1	-31.92	13
206	-36	-37	Max	0.00	232.61	1	232.61	13	311.59	9	470.88	1	-605.09	1	0.00	1
206	-36	-37	Max	79.47	232.61	1	232.61	13	126.74	9	432.55	1	-246.12	1	0.00	1
206	-36	-37	Min.	0.00	-232.61	5	-232.61	9	-311.59	15	470.88	1	-605.09	1	0.00	1
206	-36	-37	Min.	79.47	-232.61	5	-232.61	9	-126.74	15	432.55	1	-246.12	1	0.00	1
206	-37	-38	Max	0.00	94.91	1	94.91	13	126.73	9	216.51	1	-246.11	1	0.00	1
206	-37	-38	Max	133.53	94.91	1	94.91	13	0.00	13	152.10	1	0.00	1	0.00	1
206	-37	-38	Min.	0.00	-94.91	5	-94.91	9	-126.73	15	216.51	1	-246.11	1	0.00	1
206	-37	-38	Min.	133.53	-94.91	5	-94.91	9	-0.00	11	152.10	1	0.00	1	0.00	1
301	-3	-60	Max	0.00	22.66	13	22.66	5	33.98	1	76.05	1	-65.99	1	0.00	1
301	-3	-60	Max	150.00	22.66	13	22.66	5	0.00	1	11.94	1	0.00	1	0.00	1
301	-3	-60	Min.	0.00	-22.66	9	-22.66	1	-33.98	5	76.05	1	-65.99	1	0.00	1
301	-3	-60	Min.	150.00	-22.66	9	-22.66	1	0.00	5	11.94	1	0.00	1	0.00	1
301	-59	-3	Max	0.00	22.66	9	22.66	1	0.00	7	-11.94	1	0.00	7	0.00	1
301	-59	-3	Max	150.00	22.66	9	22.66	1	33.98	1	-76.05	1	-65.99	1	0.00	1
301	-59	-3	Min.	0.00	-22.66	13	-22.66	5	0.00	1	-11.94	1	0.00	1	0.00	1
301	-59	-3	Min.	150.00	-22.66	13	-22.66	5	-33.98	5	-76.05	1	-65.99	1	0.00	1
302	-4	-47	Max	0.00	33.96	13	33.96	5	50.94	1	108.02	1	-98.92	1	0.00	1
302	-4	-47	Max	150.00	33.96	13	33.96	5	0.00	5	23.88	1	0.00	1	0.00	1
302	-4	-47	Min.	0.00	-33.96	9	-33.96	1	-50.94	5	108.02	1	-98.92	1	0.00	1
302	-4	-47	Min.	150.00	-33.96	9	-33.96	1	0.00	1	23.88	1	0.00	1	0.00	1
302	-46	-4	Max	0.00	33.96	9	33.96	1	0.00	3	-23.88	1	0.00	15	0.00	1
302	-46	-4	Max	150.00	33.96	9	33.96	1	50.94	1	-108.02	1	-98.92	1	0.00	1
302	-46	-4	Min.	0.00	-33.96	13	-33.96	5	0.00	5	-23.88	1	0.00	9	0.00	1
302	-46	-4	Min.	150.00	-33.96	13	-33.96	5	-50.94	5	-108.02	1	-98.92	1	0.00	1
303	-6	-48	Max	0.00	33.96	13	33.96	5	50.94	1	108.02	1	-98.92	1	0.00	1
303	-6	-48	Max	150.00	33.96	13	33.96	5	0.00	5	23.88	1	0.00	1	0.00	1
303	-6	-48	Min.	0.00	-33.96	9	-33.96	1	-50.94	5	108.02	1	-98.92	1	0.00	1
303	-6	-48	Min.	150.00	-33.96	9	-33.96	1	0.00	1	23.88	1	0.00	1	0.00	1
303	-49	-6	Max	0.00	33.96	9	33.96	1	0.00	1	-23.88	1	0.00	9	0.00	1
303	-49	-6	Max	150.00	33.96	9	33.96	1	50.94	1	-108.02	1	-98.92	1	0.00	1
303	-49	-6	Min.	0.00	-33.96	13	-33.96	5	0.00	5	-23.88	1	0.00	15	0.00	1
303	-49	-6	Min.	150.00	-33.96	13	-33.96	5	-50.94	5	-108.02	1	-98.92	1	0.00	1
304	-7	-96	Max	0.00	33.96	13	33.96	5	50.94	1	108.02	1	-98.92	1	0.00	1
304	-7	-96	Max	150.00	33.96	13	33.96	5	0.00	5	23.88	1	0.00	1	0.00	1
304	-7	-96	Min.	0.00	-33.96	9	-33.96	1	-50.94	5	108.02	1	-98.92	1	0.00	1
304	-7	-96	Min.	150.00	-33.96	9	-33.96	1	0.00	1	23.88	1	0.00	1	0.00	1
304	-95	-7	Max	0.00	33.96	9	33.96	1	0.00	1	-23.88	1	0.00	13	0.00	1
304	-95	-7	Max	150.00	33.96	9	33.96	1	50.94	1	-108.02	1	-98.92	1	0.00	1
304	-95	-7	Min.	0.00	-33.96	13	-33.96	5	0.00	5	-23.88	1	0.00	11	0.00	1
304	-95	-7	Min.	150.00	-33.96	13	-33.96	5	-50.94	5	-108.02	1	-98.92	1	0.00	1
305	-8	-66	Max	0.00	33.96	13	33.96	5	50.94	1	108.02	1	-98.92	1	0.00	1
305	-8	-66	Max	150.00	33.96	13	33.96	5	0.00	5	23.88	1	0.00	1	0.00	1
305	-8	-66	Min.	0.00	-33.96	9	-33.96	1	-50.94	5	108.02	1	-98.92	1	0.00	1
305	-8	-66	Min.	150.00	-33.96	9	-33.96	1	0.00	1	23.88	1	0.00	1	0.00	1
305	-67	-8	Max	0.00	33.96	9	33.96	1	0.00	3	-23.88	1	0.00	9	0.00	1
305	-67	-8	Max	150.00	33.96	9	33.96	1	50.94	1	-108.02	1	-98.92	1	0.00	1
305	-67	-8	Min.	0.00	-33.96	13	-33.96	5	0.00	5	-23.88	1	0.00	13	0.00	1
305	-67	-8	Min.	150.00	-33.96	13	-33.96	5	-50.94	5	-108.02	1	-98.92	1	0.00	1
306	-9	-69	Max	0.00	33.96	13	33.96	5	50.94	1	108.02	1	-98.92	1	0.00	1
306	-9	-69	Max	150.00	33.96	13	33.96	5	0.00	5	23.88	1	0.00	1	0.00	1
306	-9	-69	Min.	0.00	-33.96	9	-33.96	1	-50.94	5	108.02	1	-98.92	1	0.00	1
306	-9	-69	Min.	150.00	-33.96	9	-33.96	1	0.00	1	23.88	1	0.00	1	0.00	1
306	-68	-9	Max	0.00	33.96	9	33.96	1	0.00	5	-23.88	1	0.00	9	0.00	1
306	-68	-9	Max	150.00	33.96	9	33.96	1	50.94	1	-108.02	1	-98.92	1	0.00	1
306	-68	-9	Min.	0.00	-33.96	13	-33.96	5	0.00	1	-23.88	1	0.00	15	0.00	1
306	-68	-9	Min.	150.00	-33.96	13	-33.96	5	-50.94	5	-108.02	1	-98.92	1	0.00	1
307	-11	-70	Max	0.00	33.96	13	33.96	5	50.94	1	108.02	1	-98.92	1	0.00	1
307	-11	-70	Max	150.00	33.96	13	33.96	5	0.00	5	23.88	1	0.00	1	0.00	1
307	-11	-70	Min.	0.00	-33.96	9	-33.96	1	-50.94	5	108.02	1	-98.92	1	0.00	1
307	-11	-70	Min.	150.00	-33.96	9	-33.96	1	0.00	1	23.88	1	0.00	1	0.00	1
307	-71	-11	Max	0.00	33.96	9	33.96	1	0.00	7	-23.88	1	0.00	15	0.00	1
307	-71	-11	Max	150.00	33.96	9	33.96	1	50.94	1	-108.02	1	-98.92	1	0.00	1
307	-71	-11	Min.	0.00	-33.96	13	-33.96	5	0.00	1	-23.88	1	0.00	9	0.00	1
307	-71	-11	Min.	150.00	-33.96	13	-33.96	5	-50.94	5	-108.02	1	-98.92	1	0.00	1
308	-12	-72	Max	0.00	33.96	13	33.96	5	50.94	1	108.02	1	-98.92	1	0.00	1
308	-12	-72	Max	150.00	33.96	13	33.96	5	0.00	5	23.88	1	0.00	1	0.00	1
308	-12	-72	Min.	0.00	-33.96	9	-33.96	1	-50.94	5	108.02	1	-98.92	1	0.00	1

308	-12	-72	Min.	150.00	-33.96	9	-33.96	1	0.00	1	23.88	1	0.00	1	0.00	1
308	-73	-12	Max	0.00	33.96	9	33.96	1	0.00	3	-23.88	1	0.00	13	0.00	1
308	-73	-12	Max	150.00	33.96	9	33.96	1	50.94	1	-108.02	1	-98.92	1	0.00	1
308	-73	-12	Min.	0.00	-33.96	13	-33.96	5	0.00	5	-23.88	1	0.00	9	0.00	1
308	-73	-12	Min.	150.00	-33.96	13	-33.96	5	-50.94	5	-108.02	1	-98.92	1	0.00	1
309	-13	-74	Max	0.00	33.96	13	33.96	5	50.94	1	108.02	1	-98.92	1	0.00	1
309	-13	-74	Max	150.00	33.96	13	33.96	5	0.00	5	23.88	1	0.00	1	0.00	1
309	-13	-74	Min.	0.00	-33.96	9	-33.96	1	-50.94	5	108.02	1	-98.92	1	0.00	1
309	-13	-74	Min.	150.00	-33.96	9	-33.96	1	0.00	1	23.88	1	0.00	1	0.00	1
309	-75	-13	Max	0.00	33.96	9	33.96	1	0.00	5	-23.88	1	0.00	9	0.00	1
309	-75	-13	Max	150.00	33.96	9	33.96	1	50.94	1	-108.02	1	-98.92	1	0.00	1
309	-75	-13	Min.	0.00	-33.96	13	-33.96	5	0.00	3	-23.88	1	0.00	13	0.00	1
309	-75	-13	Min.	150.00	-33.96	13	-33.96	5	-50.94	5	-108.02	1	-98.92	1	0.00	1
310	-14	-90	Max	0.00	33.96	13	33.96	5	50.94	1	108.02	1	-98.92	1	0.00	1
310	-14	-90	Max	150.00	33.96	13	33.96	5	0.00	5	23.88	1	0.00	1	0.00	1
310	-14	-90	Min.	0.00	-33.96	9	-33.96	1	-50.94	5	108.02	1	-98.92	1	0.00	1
310	-14	-90	Min.	150.00	-33.96	9	-33.96	1	0.00	1	23.88	1	0.00	1	0.00	1
310	-91	-14	Max	0.00	33.96	9	33.96	1	0.00	1	-23.88	1	0.00	1	0.00	1
310	-91	-14	Max	150.00	33.96	9	33.96	1	50.94	1	-108.02	1	-98.92	1	0.00	1
310	-91	-14	Min.	0.00	-33.96	13	-33.96	5	0.00	1	-23.88	1	0.00	1	0.00	1
310	-91	-14	Min.	150.00	-33.96	13	-33.96	5	-50.94	5	-108.02	1	-98.92	1	0.00	1
311	-15	-92	Max	0.00	33.96	13	33.96	5	50.94	1	108.02	1	-98.92	1	0.00	1
311	-15	-92	Max	150.00	33.96	13	33.96	5	0.00	5	23.88	1	0.00	1	0.00	1
311	-15	-92	Min.	0.00	-33.96	9	-33.96	1	-50.94	5	108.02	1	-98.92	1	0.00	1
311	-15	-92	Min.	150.00	-33.96	9	-33.96	1	0.00	1	23.88	1	0.00	1	0.00	1
311	-93	-15	Max	0.00	33.96	9	33.96	1	0.00	1	-23.88	1	0.00	1	0.00	1
311	-93	-15	Max	150.00	33.96	9	33.96	1	50.94	1	-108.02	1	-98.92	1	0.00	1
311	-93	-15	Min.	0.00	-33.96	13	-33.96	5	0.00	5	-23.88	1	0.00	5	0.00	1
311	-93	-15	Min.	150.00	-33.96	13	-33.96	5	-50.94	5	-108.02	1	-98.92	1	0.00	1
312	-16	-98	Max	0.00	33.96	13	33.96	5	50.94	1	108.02	1	-98.92	1	0.00	1
312	-16	-98	Max	150.00	33.96	13	33.96	5	0.00	5	23.88	1	0.00	1	0.00	1
312	-16	-98	Min.	0.00	-33.96	9	-33.96	1	-50.94	5	108.02	1	-98.92	1	0.00	1
312	-16	-98	Min.	150.00	-33.96	9	-33.96	1	0.00	1	23.88	1	0.00	1	0.00	1
312	-94	-16	Max	0.00	33.96	9	33.96	1	0.00	7	-23.88	1	0.00	13	0.00	1
312	-94	-16	Max	150.00	33.96	9	33.96	1	50.94	1	-108.02	1	-98.92	1	0.00	1
312	-94	-16	Min.	0.00	-33.96	13	-33.96	5	0.00	1	-23.88	1	0.00	9	0.00	1
312	-94	-16	Min.	150.00	-33.96	13	-33.96	5	-50.94	5	-108.02	1	-98.92	1	0.00	1
313	-17	-97	Max	0.00	33.96	13	33.96	5	50.94	1	108.02	1	-98.92	1	0.00	1
313	-17	-97	Max	150.00	33.96	13	33.96	5	0.00	5	23.88	1	0.00	1	0.00	1
313	-17	-97	Min.	0.00	-33.96	9	-33.96	1	-50.94	5	108.02	1	-98.92	1	0.00	1
313	-17	-97	Min.	150.00	-33.96	9	-33.96	1	0.00	1	23.88	1	0.00	1	0.00	1
313	-42	-17	Max	0.00	33.96	9	33.96	1	0.00	9	-23.88	1	0.00	9	0.00	1
313	-42	-17	Max	150.00	33.96	9	33.96	1	50.94	1	-108.02	1	-98.92	1	0.00	1
313	-42	-17	Min.	0.00	-33.96	13	-33.96	5	0.00	13	-23.88	1	0.00	13	0.00	1
313	-42	-17	Min.	150.00	-33.96	13	-33.96	5	-50.94	5	-108.02	1	-98.92	1	0.00	1
314	-18	-43	Max	0.00	33.96	13	33.96	5	50.94	1	108.02	1	-98.92	1	0.00	1
314	-18	-43	Max	150.00	33.96	13	33.96	5	0.00	5	23.88	1	0.00	1	0.00	1
314	-18	-43	Min.	0.00	-33.96	9	-33.96	1	-50.94	5	108.02	1	-98.92	1	0.00	1
314	-18	-43	Min.	150.00	-33.96	9	-33.96	1	0.00	1	23.88	1	0.00	1	0.00	1
314	-44	-18	Max	0.00	33.96	9	33.96	1	0.00	5	-23.88	1	0.00	5	0.00	1
314	-44	-18	Max	150.00	33.96	9	33.96	1	50.94	1	-108.02	1	-98.92	1	0.00	1
314	-44	-18	Min.	0.00	-33.96	13	-33.96	5	0.00	1	-23.88	1	0.00	1	0.00	1
314	-44	-18	Min.	150.00	-33.96	13	-33.96	5	-50.94	5	-108.02	1	-98.92	1	0.00	1
315	-19	-45	Max	0.00	33.96	13	33.96	5	50.94	1	108.02	1	-98.92	1	0.00	1
315	-19	-45	Max	150.00	33.96	13	33.96	5	0.00	5	23.88	1	0.00	1	0.00	1
315	-19	-45	Min.	0.00	-33.96	9	-33.96	1	-50.94	5	108.02	1	-98.92	1	0.00	1
315	-19	-45	Min.	150.00	-33.96	9	-33.96	1	0.00	1	23.88	1	0.00	1	0.00	1
315	-58	-19	Max	0.00	33.96	9	33.96	1	0.00	3	-23.88	1	0.00	13	0.00	1
315	-58	-19	Max	150.00	33.96	9	33.96	1	50.94	1	-108.02	1	-98.92	1	0.00	1
315	-58	-19	Min.	0.00	-33.96	13	-33.96	5	0.00	5	-23.88	1	0.00	11	0.00	1
315	-58	-19	Min.	150.00	-33.96	13	-33.96	5	-50.94	5	-108.02	1	-98.92	1	0.00	1
316	-20	-63	Max	0.00	22.66	13	22.66	5	33.98	1	76.05	1	-65.99	1	0.00	1
316	-20	-63	Max	150.00	22.66	13	22.66	5	0.00	1	11.94	1	0.00	1	0.00	1
316	-20	-63	Min.	0.00	-22.66	9	-22.66	1	-33.98	5	76.05	1	-65.99	1	0.00	1
316	-20	-63	Min.	150.00	-22.66	9	-22.66	1	0.00	5	11.94	1	0.00	1	0.00	1
316	-65	-20	Max	0.00	22.66	9	22.66	1	0.00	1	-11.94	1	0.00	1	0.00	1
316	-65	-20	Max	150.00	22.66	9	22.66	1	33.98	1	-76.05	1	-65.99	1	0.00	1
316	-65	-20	Min.	0.00	-22.66	13	-22.66	5	0.00	1	-11.94	1	0.00	1	0.00	1
316	-65	-20	Min.	150.00	-22.66	13	-22.66	5	-33.98	5	-76.05	1	-65.99	1	0.00	1
317	-21	-51	Max	0.00	22.66	13	22.66	5	33.98	1	76.05	1	-65.99	1	0.00	1
317	-21	-51	Max	150.00	22.66	13	22.66	5	0.00	1	11.94	1	0.00	1	0.00	1
317	-21	-51	Min.	0.00	-22.66	9	-22.66	1	-33.98	5	76.05	1	-65.99	1	0.00	1
317	-21	-51	Min.	150.00	-22.66	9	-22.66	1	0.00	5	11.94	1	0.00	1	0.00	1
317	-50	-21	Max	0.00	22.66	9	22.66	1	0.00	1	-11.94	1	0.00	13	0.00	1
317	-50	-21	Max	150.00	22.66	9	22.66	1	33.98	1	-76.05	1	-65.99	1	0.00	1
317	-50	-21	Min.	0.00	-22.66	13	-22.66	5	0.00	7	-11.94	1	0.00	9	0.00	1
317	-50	-21	Min.	150.00	-22.66	13	-22.66	5	-33.98	5	-76.05	1	-65.99	1	0.00	1
318	-22	-53	Max	0.00	33.96	13	33.96	5	50.94	1	108.02	1	-98.92	1	0.00	1
318	-22	-53	Max	150.00	33.96	13	33.96	5	0.00	5	23.88	1	0.00	1	0.00	1
318	-22	-53	Min.	0.00	-33.96	9	-33.96	1	-50.94	5	108.02	1	-98.92	1	0.00	1
318	-22	-53	Min.	150.00	-33.96	9	-33.96	1	0.00	1	23.88	1	0.00	1	0.00	1
318	-52	-22	Max	0.00	33.96	9	33.96	1	0.00	3	-23.88	1	0.00	11	0.00	1
318	-52	-22	Max	150.00	33.96	9	33.96	1	50.94	1	-108.02	1	-98.92	1	0.00	1
318	-52	-22	Min.	0.00	-33.96	13	-33.96	5	0.00	5	-23.88	1	0.00	13	0.00	1
318	-52	-22	Min.	150.00	-33.96	13	-33.96	5	-50.94	5	-108.02	1	-98.92	1	0.00	1
319	-23	-55	Max	0.00	33.96	13	33.96	5	50.94	1	108.02	1	-98.92	1	0.00	1
319	-23	-55	Max	150.00	33.96	13	33.96	5	0.00	5	23.88	1	0.00	1	0.00	1
319	-23	-55	Min.	0.00	-33.96	9	-33.96	1	-50.94	5	108.02	1	-98.92	1	0.00	1
319	-23	-55	Min.	150.00	-33.96	9	-33.96	1	0.00	1	23.88	1	0.00	1	0.00	1
319	-54	-23	Max	0.00	33.96	9	33.96	1	0.00	7	-23.88	1	0.00	9	0.00	1
319	-54	-23	Max	150.00	33.96	9	33.96	1	50.94	1	-108.02	1	-98.92	1	0.00	1
319	-54	-23	Min.	0.00	-33.96	13	-33.96	5	0.00	1	-23.88	1	0.00	13	0.00	1
319	-54	-23	Min.	150.00	-33.96	13	-33.96	5	-50.94	5	-108.02	1	-98.92	1	0.00	1
320	-24	-57	Max	0.00	33.96	13	33.96	5	50.94	1	108.02	1	-98.92	1	0.00	1
320	-24	-57	Max	150.00	33.96	13	33.96	5	0.00	5	23.88	1	0.00	1	0.00	1
320	-24	-57	Min.	0.00	-33.96	9	-33.96	1	-50.94	5	108.02	1	-98.92	1	0.00	1
320	-24	-57	Min.	150.00	-33.96	9	-33.96	1	0.00	1	23.88	1	0.00	1	0.00	1
320	-56	-24	Max	0.00	33.96	9	33.96	1	0.00	5	-23.88	1	0.00	1	0.00	1
320	-56	-24	Max	150.00	33.96	9	33.96	1	50.94	1	-108.02	1	-98.92	1	0.00	1
320	-56	-24	Min.	0.00	-33.96	13	-33.96	5	0.00	1	-23.88	1	0.00	1	0.00	1
320	-56	-24	Min.	150.00	-33.96	13	-33.96	5	-50.94	5	-108.02	1	-98.92	1	0.00	1

322	-25	-41	Max	0.00	33.96	13	33.96	5	50.94	1	108.02	1	-98.92	1	0.00	1
322	-25	-41	Max	150.00	33.96	13	33.96	5	0.00	5	23.88	1	0.00	1	0.00	1
322	-25	-41	Min.	0.00	-33.96	9	-33.96	1	-50.94	5	108.02	1	-98.92	1	0.00	1
322	-25	-41	Min.	150.00	-33.96	9	-33.96	1	0.00	1	23.88	1	0.00	1	0.00	1
322	-64	-25	Max	0.00	33.96	9	33.96	1	0.00	7	-23.88	1	0.00	9	0.00	1
322	-64	-25	Max	150.00	33.96	9	33.96	1	50.94	1	-108.02	1	-98.92	1	0.00	1
322	-64	-25	Min.	0.00	-33.96	13	-33.96	5	0.00	1	-23.88	1	0.00	15	0.00	1
322	-64	-25	Min.	150.00	-33.96	13	-33.96	5	-50.94	5	-108.02	1	-98.92	1	0.00	1
323	-26	-77	Max	0.00	33.96	13	33.96	5	50.94	1	108.02	1	-98.92	1	0.00	1
323	-26	-77	Max	150.00	33.96	13	33.96	5	0.00	5	23.88	1	0.00	1	0.00	1
323	-26	-77	Min.	0.00	-33.96	9	-33.96	1	-50.94	5	108.02	1	-98.92	1	0.00	1
323	-26	-77	Min.	150.00	-33.96	9	-33.96	1	0.00	1	23.88	1	0.00	1	0.00	1
323	-76	-26	Max	0.00	33.96	9	33.96	1	0.00	3	-23.88	1	0.00	9	0.00	1
323	-76	-26	Max	150.00	33.96	9	33.96	1	50.94	1	-108.02	1	-98.92	1	0.00	1
323	-76	-26	Min.	0.00	-33.96	13	-33.96	5	0.00	5	-23.88	1	0.00	13	0.00	1
323	-76	-26	Min.	150.00	-33.96	13	-33.96	5	-50.94	5	-108.02	1	-98.92	1	0.00	1
324	-27	-79	Max	0.00	33.96	13	33.96	5	50.94	1	108.02	1	-98.92	1	0.00	1
324	-27	-79	Max	150.00	33.96	13	33.96	5	0.00	5	23.88	1	0.00	1	0.00	1
324	-27	-79	Min.	0.00	-33.96	9	-33.96	1	-50.94	5	108.02	1	-98.92	1	0.00	1
324	-27	-79	Min.	150.00	-33.96	9	-33.96	1	0.00	1	23.88	1	0.00	1	0.00	1
324	-78	-27	Max	0.00	33.96	9	33.96	1	0.00	3	-23.88	1	0.00	9	0.00	1
324	-78	-27	Max	150.00	33.96	9	33.96	1	50.94	1	-108.02	1	-98.92	1	0.00	1
324	-78	-27	Min.	0.00	-33.96	13	-33.96	5	0.00	5	-23.88	1	0.00	13	0.00	1
324	-78	-27	Min.	150.00	-33.96	13	-33.96	5	-50.94	5	-108.02	1	-98.92	1	0.00	1
325	-28	-81	Max	0.00	33.96	13	33.96	5	50.94	1	108.02	1	-98.92	1	0.00	1
325	-28	-81	Max	150.00	33.96	13	33.96	5	0.00	5	23.88	1	0.00	1	0.00	1
325	-28	-81	Min.	0.00	-33.96	9	-33.96	1	-50.94	5	108.02	1	-98.92	1	0.00	1
325	-28	-81	Min.	150.00	-33.96	9	-33.96	1	0.00	1	23.88	1	0.00	1	0.00	1
325	-80	-28	Max	0.00	33.96	9	33.96	1	0.00	5	-23.88	1	0.00	9	0.00	1
325	-80	-28	Max	150.00	33.96	9	33.96	1	50.94	1	-108.02	1	-98.92	1	0.00	1
325	-80	-28	Min.	0.00	-33.96	13	-33.96	5	0.00	3	-23.88	1	0.00	13	0.00	1
325	-80	-28	Min.	150.00	-33.96	13	-33.96	5	-50.94	5	-108.02	1	-98.92	1	0.00	1
326	-29	-83	Max	0.00	33.96	13	33.96	5	50.94	1	108.02	1	-98.92	1	0.00	1
326	-29	-83	Max	150.00	33.96	13	33.96	5	0.00	5	23.88	1	0.00	1	0.00	1
326	-29	-83	Min.	0.00	-33.96	9	-33.96	1	-50.94	5	108.02	1	-98.92	1	0.00	1
326	-29	-83	Min.	150.00	-33.96	9	-33.96	1	0.00	1	23.88	1	0.00	1	0.00	1
326	-82	-29	Max	0.00	33.96	9	33.96	1	0.00	9	-23.88	1	0.00	13	0.00	1
326	-82	-29	Max	150.00	33.96	9	33.96	1	50.94	1	-108.02	1	-98.92	1	0.00	1
326	-82	-29	Min.	0.00	-33.96	13	-33.96	5	0.00	13	-23.88	1	0.00	9	0.00	1
326	-82	-29	Min.	150.00	-33.96	13	-33.96	5	-50.94	5	-108.02	1	-98.92	1	0.00	1
327	-30	-85	Max	0.00	33.96	13	33.96	5	50.94	1	108.02	1	-98.92	1	0.00	1
327	-30	-85	Max	150.00	33.96	13	33.96	5	0.00	5	23.88	1	0.00	1	0.00	1
327	-30	-85	Min.	0.00	-33.96	9	-33.96	1	-50.94	5	108.02	1	-98.92	1	0.00	1
327	-30	-85	Min.	150.00	-33.96	9	-33.96	1	0.00	1	23.88	1	0.00	1	0.00	1
327	-84	-30	Max	0.00	33.96	9	33.96	1	0.00	5	-23.88	1	0.00	9	0.00	1
327	-84	-30	Max	150.00	33.96	9	33.96	1	50.94	1	-108.02	1	-98.92	1	0.00	1
327	-84	-30	Min.	0.00	-33.96	13	-33.96	5	0.00	3	-23.88	1	0.00	15	0.00	1
327	-84	-30	Min.	150.00	-33.96	13	-33.96	5	-50.94	5	-108.02	1	-98.92	1	0.00	1
329	-32	-86	Max	0.00	33.96	13	33.96	5	50.94	1	108.02	1	-98.92	1	0.00	1
329	-32	-86	Max	150.00	33.96	13	33.96	5	0.00	5	23.88	1	0.00	1	0.00	1
329	-32	-86	Min.	0.00	-33.96	9	-33.96	1	-50.94	5	108.02	1	-98.92	1	0.00	1
329	-32	-86	Min.	150.00	-33.96	9	-33.96	1	0.00	1	23.88	1	0.00	1	0.00	1
329	-87	-32	Max	0.00	33.96	9	33.96	1	0.00	5	-23.88	1	0.00	11	0.00	1
329	-87	-32	Max	150.00	33.96	9	33.96	1	50.94	1	-108.02	1	-98.92	1	0.00	1
329	-87	-32	Min.	0.00	-33.96	13	-33.96	5	0.00	1	-23.88	1	0.00	13	0.00	1
329	-87	-32	Min.	150.00	-33.96	13	-33.96	5	-50.94	5	-108.02	1	-98.92	1	0.00	1
330	-33	-89	Max	0.00	33.96	13	33.96	5	50.94	1	108.02	1	-98.92	1	0.00	1
330	-33	-89	Max	150.00	33.96	13	33.96	5	0.00	5	23.88	1	0.00	1	0.00	1
330	-33	-89	Min.	0.00	-33.96	9	-33.96	1	-50.94	5	108.02	1	-98.92	1	0.00	1
330	-33	-89	Min.	150.00	-33.96	9	-33.96	1	0.00	1	23.88	1	0.00	1	0.00	1
330	-88	-33	Max	0.00	33.96	9	33.96	1	0.00	7	-23.88	1	0.00	13	0.00	1
330	-88	-33	Max	150.00	33.96	9	33.96	1	50.94	1	-108.02	1	-98.92	1	0.00	1
330	-88	-33	Min.	0.00	-33.96	13	-33.96	5	0.00	1	-23.88	1	0.00	11	0.00	1
330	-88	-33	Min.	150.00	-33.96	13	-33.96	5	-50.94	5	-108.02	1	-98.92	1	0.00	1
331	-34	-61	Max	0.00	33.96	13	33.96	5	50.94	1	108.02	1	-98.92	1	0.00	1
331	-34	-61	Max	150.00	33.96	13	33.96	5	0.00	5	23.88	1	0.00	1	0.00	1
331	-34	-61	Min.	0.00	-33.96	9	-33.96	1	-50.94	5	108.02	1	-98.92	1	0.00	1
331	-34	-61	Min.	150.00	-33.96	9	-33.96	1	0.00	1	23.88	1	0.00	1	0.00	1
331	-62	-34	Max	0.00	33.96	9	33.96	1	0.00	1	-23.88	1	0.00	9	0.00	1
331	-62	-34	Max	150.00	33.96	9	33.96	1	50.94	1	-108.02	1	-98.92	1	0.00	1
331	-62	-34	Min.	0.00	-33.96	13	-33.96	5	0.00	7	-23.88	1	0.00	13	0.00	1
331	-62	-34	Min.	150.00	-33.96	13	-33.96	5	-50.94	5	-108.02	1	-98.92	1	0.00	1
332	-35	-102	Max	0.00	33.96	13	33.96	5	50.94	1	108.02	1	-98.92	1	0.00	1
332	-35	-102	Max	150.00	33.96	13	33.96	5	0.00	5	23.88	1	0.00	1	0.00	1
332	-35	-102	Min.	0.00	-33.96	9	-33.96	1	-50.94	5	108.02	1	-98.92	1	0.00	1
332	-35	-102	Min.	150.00	-33.96	9	-33.96	1	0.00	1	23.88	1	0.00	1	0.00	1
332	-101	-35	Max	0.00	33.96	9	33.96	1	0.00	3	-23.88	1	0.00	13	0.00	1
332	-101	-35	Max	150.00	33.96	9	33.96	1	50.94	1	-108.02	1	-98.92	1	0.00	1
332	-101	-35	Min.	0.00	-33.96	13	-33.96	5	0.00	5	-23.88	1	0.00	9	0.00	1
332	-101	-35	Min.	150.00	-33.96	13	-33.96	5	-50.94	5	-108.02	1	-98.92	1	0.00	1
333	-37	-103	Max	0.00	33.96	13	33.96	5	50.94	1	108.02	1	-98.92	1	0.00	1
333	-37	-103	Max	150.00	33.96	13	33.96	5	0.00	5	23.88	1	0.00	1	0.00	1
333	-37	-103	Min.	0.00	-33.96	9	-33.96	1	-50.94	5	108.02	1	-98.92	1	0.00	1
333	-37	-103	Min.	150.00	-33.96	9	-33.96	1	0.00	1	23.88	1	0.00	1	0.00	1
333	-104	-37	Max	0.00	33.96	9	33.96	1	0.00	1	-23.88	1	0.00	5	0.00	1
333	-104	-37	Max	150.00	33.96	9	33.96	1	50.94	1	-108.02	1	-98.92	1	0.00	1
333	-104	-37	Min.	0.00	-33.96	13	-33.96	5	0.00	7	-23.88	1	0.00	3	0.00	1
333	-104	-37	Min.	150.00	-33.96	13	-33.96	5	-50.94	5	-108.02	1	-98.92	1	0.00	1
334	-38	-99	Max	0.00	22.66	13	22.66	5	33.98	1	76.05	1	-65.99	1	0.00	1
334	-38	-99	Max	150.00	22.66	13	22.66	5	0.00	1	11.94	1	0.00	1	0.00	1
334	-38	-99	Min.	0.00	-22.66	9	-22.66	1	-33.98	5	76.05	1	-65.99	1	0.00	1
334	-38	-99	Min.	150.00	-22.66	9	-22.66	1	0.00	5	11.94	1	0.00	1	0.00	1
334	-100	-38	Max	0.00	22.66	9	22.66	1	0.00	5	-11.94	1	0.00	1	0.00	1
334	-100	-38	Max	150.00	22.66	9	22.66	1	33.98	1	-76.05	1	-65.99	1	0.00	1
334	-100	-38	Min.	0.00	-22.66	13	-22.66	5	0.00	3	-11.94	1	0.00	7	0.00	1
334	-100	-38	Min.	150.00	-22.66	13	-22.66	5	-33.98	5	-76.05	1	-65.99	1	0.00	1

Tipo di combinazione di carico: SLD

Asta	N1	N2		X <cm>	N <daN>	CC	Ty <daN>	CC	Mz <daNm>	CC	Tz <daN>	CC	My <daNm>	CC	Mx <daNm>	CC

1	1	-5	Max	0.00	-1060.61	2	187.56	6	546.15	2	232.26	14	779.57	10	0.05	14
1	1	-5	Max	330.00	-871.37	2	187.56	6	203.00	6	232.26	14	13.10	12	0.05	14
1	1	-5	Min.	0.00	-1306.77	6	-307.02	2	-415.94	6	-232.26	10	-779.57	14	-0.05	12
1	1	-5	Min.	330.00	-1117.54	6	-307.02	2	-467.00	2	-232.26	10	-13.10	14	-0.05	12
2	2	-10	Max	0.00	-1398.96	6	398.89	6	434.42	2	287.78	14	942.59	10	0.19	10
2	2	-10	Max	330.00	-1209.73	6	398.89	6	669.74	6	287.78	14	7.07	16	0.19	10
2	2	-10	Min.	0.00	-1543.13	2	-204.46	2	-646.60	6	-287.78	10	-942.59	14	-0.19	14
2	2	-10	Min.	330.00	-1353.89	2	-204.46	2	-240.29	2	-287.78	10	-7.07	10	-0.19	14
3	3	203	Max	0.00	-1576.90	2	223.16	6	586.96	2	319.00	14	1040.77	10	0.10	14
3	3	203	Max	330.00	-1387.66	2	223.16	6	281.43	6	319.00	14	11.94	16	0.10	14
3	3	203	Min.	0.00	-1623.73	6	-344.17	2	-455.01	6	-319.00	10	-1040.77	14	-0.10	12
3	3	203	Min.	330.00	-1434.50	6	-344.17	2	-548.79	2	-319.00	10	-11.94	10	-0.10	12
4	4	204	Max	0.00	-1423.57	2	293.98	2	532.25	6	281.14	10	939.60	14	0.00	14
4	4	204	Max	330.00	-1234.34	2	293.98	2	437.87	2	281.14	10	11.83	16	0.00	14
4	4	204	Min.	0.00	-1423.57	2	-293.98	6	-532.25	2	-281.14	14	-939.60	12	0.00	12
4	4	204	Min.	330.00	-1234.34	2	-293.98	6	-437.87	6	-281.14	14	-11.83	10	0.00	12
5	5	205	Max	0.00	-1576.90	6	223.16	2	586.96	6	319.00	10	1040.77	14	0.10	10
5	5	205	Max	330.00	-1387.66	6	223.16	2	281.43	2	319.00	10	11.94	12	0.10	10
5	5	205	Min.	0.00	-1623.73	2	-344.17	6	-455.01	2	-319.00	14	-1040.77	10	-0.10	14
5	5	205	Min.	330.00	-1434.50	2	-344.17	6	-548.79	6	-319.00	14	-11.94	14	-0.10	14
6	6	-31	Max	0.00	-1398.96	2	398.89	2	434.42	6	287.78	10	942.59	14	0.19	14
6	6	-31	Max	330.00	-1209.73	2	398.89	2	669.74	2	287.78	10	7.07	12	0.19	14
6	6	-31	Min.	0.00	-1543.13	6	-204.46	6	-646.60	2	-287.78	14	-942.59	10	-0.19	10
6	6	-31	Min.	330.00	-1353.89	6	-204.46	6	-240.29	6	-287.78	14	-7.07	14	-0.19	10
7	7	-36	Max	0.00	-1060.61	6	187.56	2	546.15	6	232.26	10	779.57	14	0.05	10
7	7	-36	Max	330.00	-871.37	6	187.56	2	203.00	2	232.26	10	13.10	16	0.05	10
7	7	-36	Min.	0.00	-1306.78	2	-307.02	6	-415.94	2	-232.26	14	-779.57	10	-0.05	16
7	7	-36	Min.	330.00	-1117.54	2	-307.02	6	-467.01	6	-232.26	14	-13.10	10	-0.05	16
201	-4	-3	Max	0.00	38.95	6	38.95	10	52.01	14	216.51	2	-246.11	2	0.00	2
201	-4	-3	Max	133.53	38.95	6	38.95	10	0.00	10	152.11	2	0.00	2	0.00	2
201	-4	-3	Min.	0.00	-38.95	2	-38.95	14	-52.01	12	216.51	2	-246.11	2	0.00	2
201	-4	-3	Min.	133.53	-38.95	2	-38.95	14	0.00	16	152.11	2	0.00	2	0.00	2
201	-5	-4	Max	0.00	95.46	6	95.46	10	127.86	14	470.88	2	-605.07	2	0.00	2
201	-5	-4	Max	79.47	95.46	6	95.46	10	52.01	14	432.55	2	-246.11	2	0.00	2
201	-5	-4	Min.	0.00	-95.46	2	-95.46	14	-127.86	12	470.88	2	-605.07	2	0.00	2
201	-5	-4	Min.	79.47	-95.46	2	-95.46	14	-52.01	12	432.55	2	-246.11	2	0.00	2
201	-6	-5	Max	0.00	184.76	2	110.01	14	68.34	14	-374.41	2	71.41	2	13.10	16
201	-6	-5	Max	54.07	184.76	2	110.01	14	127.82	14	-400.49	2	-138.07	2	13.10	16
201	-6	-5	Min.	0.00	-65.30	6	-110.01	12	-68.34	12	-620.58	6	-465.49	6	-13.10	10
201	-6	-5	Min.	54.07	-65.30	6	-110.01	12	-127.82	12	-646.66	6	-808.07	6	-13.10	10
201	-7	-6	Max	0.00	129.54	2	54.79	14	4.82	10	-93.97	2	239.89	2	13.10	16
201	-7	-6	Max	133.53	129.54	2	54.79	14	68.34	14	-158.37	2	71.41	2	13.10	16
201	-7	-6	Min.	0.00	-10.09	8	-54.79	12	-4.82	16	-340.14	6	31.70	6	-13.10	10
201	-7	-6	Min.	133.53	-10.09	8	-54.79	12	-68.34	12	-404.54	6	-465.49	6	-13.10	10
201	-8	-7	Max	0.00	70.28	2	4.47	10	1.15	14	186.48	2	154.41	6	13.10	16
201	-8	-7	Max	54.88					1.31	12			119.49	12		
201	-8	-7	Max	133.53	70.28	2	4.47	10	4.82	10	122.08	2	239.89	2	13.10	16
201	-8	-7	Min.	0.00	49.18	8	-4.47	16	-1.15	12	-59.69	6	33.88	2	-13.10	10
201	-8	-7	Min.	54.88					1.31	12			119.49	12		
201	-8	-7	Min.	133.53	49.18	8	-4.47	16	-4.82	16	-124.09	6	31.70	6	-13.10	10
201	-9	-8	Max	0.00	108.44	6	63.74	10	86.25	16	466.93	2	-97.37	6	13.10	16
201	-9	-8	Max	133.53	108.44	6	63.74	10	1.15	14	402.52	2	154.41	6	13.10	16
201	-9	-8	Min.	0.00	11.02	4	-63.74	16	-86.25	10	220.76	6	-546.62	2	-13.10	10
201	-9	-8	Min.	133.53	11.02	4	-63.74	16	-1.15	12	156.35	6	33.88	2	-13.10	10
201	-10	-9	Max	0.00	163.21	6	118.50	10	139.98	14	704.83	2	-300.35	6	13.10	16
201	-10	-9	Max	45.33	163.21	6	118.50	10	86.26	14	682.97	2	-97.38	6	13.10	16
201	-10	-9	Min.	0.00	-43.75	4	-118.50	16	-139.98	10	458.66	6	-861.19	2	-13.10	10
201	-10	-9	Min.	45.33	-43.75	4	-118.50	16	-86.26	12	436.80	6	-546.62	2	-13.10	10
202	-11	-10	Max	0.00	133.91	2	142.47	14	14.50	16	-606.52	2	-67.19	2	6.03	16
202	-11	-10	Max	88.20	133.91	2	142.47	14	140.16	14	-649.06	2	-620.90	2	6.03	16
202	-11	-10	Min.	0.00	-208.88	6	-142.47	10	-14.50	10	-708.52	6	-326.41	6	-6.03	10
202	-11	-10	Min.	88.20	-208.88	6	-142.47	10	-140.16	10	-751.06	6	-970.09	6	-6.03	10
202	-12	-11	Max	0.00	76.95	2	85.52	14	99.69	12	-326.07	2	411.22	2	6.03	14
202	-12	-11	Max	133.53	76.95	2	85.52	14	14.50	14	-390.48	2	-67.19	2	6.03	14
202	-12	-11	Min.	0.00	-151.92	6	-85.52	10	-99.69	14	-428.08	6	288.22	6	-6.03	10
202	-12	-11	Min.	133.53	-151.92	6	-85.52	10	-14.50	12	-492.48	6	-326.41	6	-6.03	10
202	-13	-12	Max	0.00	17.69	2	26.25	14	134.75	10	-45.63	2	528.36	6	6.03	16
202	-13	-12	Max	133.53	17.69	2	26.25	14	99.69	10	-110.03	2	411.22	2	6.03	16
202	-13	-12	Min.	0.00	-92.66	8	-26.25	12	-134.75	14	-147.63	6	515.15	2	-6.03	10
202	-13	-12	Min.	133.53	-92.66	8	-26.25	12	-99.69	16	-212.04	6	288.22	6	-6.03	10
202	-14	-13	Max	0.00	-33.40	6	33.01	10	90.67	12	234.82	2	394.01	6	6.03	14
202	-14	-13	Max	133.53	-33.40	6	33.01	10	134.75	10	170.42	2	528.36	6	6.03	14
202	-14	-13	Min.	0.00	-41.58	4	-33.01	16	-90.67	14	132.81	6	244.58	2	-6.03	10
202	-14	-13	Min.	133.53	-41.58	4	-33.01	16	-134.75	14	68.41	6	515.15	2	-6.03	10
202	-15	-14	Max	0.00	25.87	6	92.28	10	32.55	16	515.27	2	-114.83	6	6.03	14
202	-15	-14	Max	133.53	25.87	6	92.28	10	90.67	10	450.86	2	394.01	6	6.03	14
202	-15	-14	Min.	0.00	-100.84	4	-92.28	14	-32.55	10	413.26	6	-400.47	2	-6.03	10
202	-15	-14	Min.	133.53	-100.84	4	-92.28	14	-90.67	16	348.86	6	244.59	2	-6.03	10
202	203	-15	Max	0.00	82.80	6	149.20	10	163.35	14	773.59	2	-685.05	6	6.03	14
202	203	-15	Max	87.67	82.80	6	149.20	10	32.55	14	731.31	2	-114.83	6	6.03	14
202	203	-15	Min.	0.00	-157.77	2	-149.20	14	-163.35	10	671.59	6	-1060.12	2	-6.03	10
202	203	-15	Min.	87.67	-157.77	2	-149.20	14	-32.55	10	629.30	6	-400.47	2	-6.03	10
203	-16	203	Max	0.00	159.60	2	143.00	14	97.66	16	-591.95	2	-234.73	2	5.91	12
203	-16	203	Max	45.87	159.60	2	143.00	14	163.25	14	-614.07	2	-511.31	2	5.91	12
203	-16	203	Min.	0.00	-113.57	8	-143.00	10	-97.66	10	-740.79	6	-621.61	6	-5.91	14
203	-16	203	Min.	45.87	-113.57	8	-143.00	10	-163.25	10	-762.91	6	-966.46	6	-5.91	14
203	-17	-16	Max	0.00	104.80	2	88.20	14	20.12	12	-311.50	2	224.22	2	5.91	12
203	-17	-16	Max	133.53	104.80	2	88.20	14	97.66	14	-375.91	2	-234.74	2	5.91	12
203	-17	-16	Min.	0.00	-58.77	8	-88.20	12	-20.12	14	-460.34	6	36.09	6	-5.91	14
203	-17	-16	Min.	133.53	-58.77	8	-88.20	12	-97.66	12	-524.75	6	-621.63	6	-5.91	14
203	-18	-17	Max	0.00	45.54	2	28.94	14	58.76	12	-31.06	2	319.30	6	5.91	12
203	-18	-17	Max	133.53	45.54	2	28.94	14	20.12	10	-95.46	2	224.22	2	5.91	12
203	-18	-17	Min.	0.00	0.49	8	-28.94	12	-58.76	14	-179.90	6	308.70	2	-5.91	14
203	-18	-17	Min.	133.53	0.49	8	-28.94	12	-20.12	16	-244.30	6	36.08	6	-5.91	14
203	-19	-18	Max	0.00	59.76	6	30.32	10	18.27	12	249.39	2	228.03	6	5.91	12
203	-19	-18	Max	133.53	59.76	6	30.32	10	58.76	10	184.99	2	319.30	6	5.91	12
203	-19	-18	Min.	0.00	-13.72	4	-30.32	16	-18.27	14	100.55	6	18.67	2	-5.91	14
203	-19	-18	Min.	133.53	-13.72	4	-30.32	16	-58.76	16	36.15	6	308.69	2	-5.91	14
203	-20	-19	Max	0.00	119.02	6	89.59	10	101.36	16	529.83	2	-237.72	6	5.91	12
203	-20	-19	Max	133.53	119.02	6	89.59	10	18.27	10	465.43	2	228.04	6	5.91	12
203	-20	-19	Min.	0.00	-72.99	4	-89.59	16	-101.36	10	381.00	6	-645.82	2	-5.91	14

203	-20	-19	Min.	133.53	-72.99	4	-89.59	16	-18.27	16	316.59	6	18.68	2	-5.91	14
203	204	-20	Max	0.00	158.99	6	129.56	10	127.27	14	691.59	2	-345.30	6	5.91	12
203	204	-20	Max	20.00	158.99	6	129.56	10	101.36	14	681.94	2	-237.72	6	5.91	12
203	204	-20	Min.	0.00	-112.95	4	-129.56	14	-127.27	12	542.75	6	-783.17	2	-5.91	14
203	204	-20	Min.	20.00	-112.95	4	-129.56	14	-101.36	12	533.10	6	-645.82	2	-5.91	14
204	204	-21	Max	0.00	158.99	2	129.56	14	127.27	12	691.59	6	-345.30	2	5.91	16
204	204	-21	Max	20.00	158.99	2	129.56	14	101.36	12	681.94	6	-237.72	2	5.91	16
204	204	-21	Min.	0.00	-112.95	8	-129.56	10	-127.27	14	542.75	2	-783.17	6	-5.91	10
204	204	-21	Min.	20.00	-112.95	8	-129.56	10	-101.36	14	533.10	2	-645.82	6	-5.91	10
204	-21	-22	Max	0.00	119.02	2	89.59	14	101.36	12	529.83	6	-237.72	2	5.91	16
204	-21	-22	Max	133.53	119.02	2	89.59	14	18.27	14	465.43	6	228.04	2	5.91	16
204	-21	-22	Min.	0.00	-72.99	8	-89.59	12	-101.36	14	381.00	2	-645.82	6	-5.91	10
204	-21	-22	Min.	133.53	-72.99	8	-89.59	12	-18.27	12	316.59	2	18.68	6	-5.91	10
204	-22	-23	Max	0.00	59.76	2	30.32	14	18.27	16	249.39	6	228.03	2	5.91	16
204	-22	-23	Max	133.53	59.76	2	30.32	14	58.76	14	184.99	6	319.30	2	5.91	16
204	-22	-23	Min.	0.00	-13.72	8	-30.32	12	-18.27	10	100.55	2	18.67	6	-5.91	10
204	-22	-23	Min.	133.53	-13.72	8	-30.32	12	-58.76	10	36.15	2	308.69	6	-5.91	10
204	-23	-24	Max	0.00	45.54	6	28.94	10	58.76	16	-31.06	6	319.30	2	5.91	16
204	-23	-24	Max	133.53	45.54	6	28.94	10	20.12	14	-95.46	6	224.22	6	5.91	16
204	-23	-24	Min.	0.00	0.49	4	-28.94	16	-58.76	10	-179.90	2	308.70	6	-5.91	10
204	-23	-24	Min.	133.53	0.49	4	-28.94	16	-20.12	12	-244.30	2	36.08	2	-5.91	10
204	-24	-25	Max	0.00	104.81	6	88.20	10	20.12	16	-311.50	6	224.22	6	5.91	16
204	-24	-25	Max	133.53	104.81	6	88.20	10	97.66	10	-375.91	6	-234.74	6	5.91	16
204	-24	-25	Min.	0.00	-58.77	4	-88.20	16	-20.12	10	-460.34	2	36.08	2	-5.91	10
204	-24	-25	Min.	133.53	-58.77	4	-88.20	16	-97.66	16	-524.75	2	-621.63	2	-5.91	10
204	-25	205	Max	0.00	159.60	6	143.00	10	97.66	12	-591.95	6	-234.73	6	5.91	16
204	-25	205	Max	45.87	159.60	6	143.00	10	163.25	10	-614.07	6	-511.31	6	5.91	16
204	-25	205	Min.	0.00	-113.57	4	-143.00	14	-97.66	14	-740.79	2	-621.61	2	-5.91	10
204	-25	205	Min.	45.87	-113.57	4	-143.00	14	-163.25	14	-762.91	2	-966.46	2	-5.91	10
205	205	-26	Max	0.00	82.80	2	149.20	14	163.35	10	773.59	6	-685.06	2	6.03	10
205	205	-26	Max	87.67	82.80	2	149.20	14	32.55	10	731.31	6	-114.83	2	6.03	10
205	205	-26	Min.	0.00	-157.77	6	-149.20	10	-163.35	14	671.58	2	-1060.12	6	-6.03	16
205	205	-26	Min.	87.67	-157.77	6	-149.20	10	-32.55	14	629.30	2	-400.48	6	-6.03	16
205	-26	-27	Max	0.00	25.87	2	92.28	14	32.55	12	515.26	6	-114.81	2	6.03	10
205	-26	-27	Max	133.53	25.87	2	92.28	14	90.67	16	450.86	6	394.02	2	6.03	10
205	-26	-27	Min.	0.00	-100.84	8	-92.28	10	-32.55	14	413.26	2	-400.45	6	-6.03	16
205	-26	-27	Min.	133.53	-100.84	8	-92.28	10	-90.67	10	348.85	2	244.60	6	-6.03	16
205	-27	-28	Max	0.00	-33.40	2	33.01	14	90.67	14	234.82	6	394.01	2	6.03	10
205	-27	-28	Max	133.53	-33.40	2	33.01	14	134.75	14	170.42	6	528.36	2	6.03	10
205	-27	-28	Min.	0.00	-41.58	8	-33.01	10	-90.67	12	132.81	2	244.59	6	-6.03	16
205	-27	-28	Min.	133.53	-41.58	8	-33.01	10	-134.75	12	68.41	2	515.15	6	-6.03	16
205	-28	-29	Max	0.00	17.69	6	26.25	10	134.75	14	-45.62	6	528.36	2	6.03	10
205	-28	-29	Max	133.53	17.69	6	26.25	10	99.69	14	-110.03	6	411.22	6	6.03	10
205	-28	-29	Min.	0.00	-92.66	4	-26.25	16	-134.75	10	-147.63	2	515.14	6	-6.03	16
205	-28	-29	Min.	133.53	-92.66	4	-26.25	16	-99.69	12	-212.03	2	288.22	2	-6.03	16
205	-29	-30	Max	0.00	76.95	6	85.52	10	99.69	16	-326.07	6	411.21	6	6.03	10
205	-29	-30	Max	133.53	76.95	6	85.52	10	14.51	10	-390.48	6	-67.20	6	6.03	10
205	-29	-30	Min.	0.00	-151.92	2	-85.52	14	-99.69	10	-428.08	2	288.21	2	-6.03	16
205	-29	-30	Min.	133.53	-151.92	2	-85.52	14	-14.51	14	-492.48	2	-326.42	2	-6.03	16
205	-30	-31	Max	0.00	133.91	6	142.47	10	14.50	12	-606.52	6	-67.19	6	6.03	10
205	-30	-31	Max	88.20	133.91	6	142.47	10	140.16	10	-649.06	6	-620.90	6	6.03	10
205	-30	-31	Min.	0.00	-208.88	2	-142.47	14	-14.50	14	-708.53	2	-326.41	2	-6.03	16
205	-30	-31	Min.	88.20	-208.88	2	-142.47	14	-140.16	14	-751.07	2	-970.09	2	-6.03	16
206	-31	-32	Max	0.00	163.21	2	118.50	14	139.98	10	704.83	6	-300.34	2	13.10	12
206	-31	-32	Max	45.33	163.21	2	118.50	14	86.25	12	682.97	6	-97.37	2	13.10	12
206	-31	-32	Min.	0.00	-43.75	8	-118.50	10	-139.98	14	458.66	2	-861.19	6	-13.10	14
206	-31	-32	Min.	45.33	-43.75	8	-118.50	10	-86.25	14	436.80	2	-546.62	6	-13.10	14
206	-32	-33	Max	0.00	108.44	2	63.74	14	86.26	10	466.93	6	-97.39	2	13.10	12
206	-32	-33	Max	133.53	108.44	2	63.74	14	1.15	10	402.52	6	154.40	2	13.10	12
206	-32	-33	Min.	0.00	11.02	8	-63.74	12	-86.26	16	220.76	2	-546.64	6	-13.10	14
206	-32	-33	Min.	133.53	11.02	8	-63.74	12	-1.15	16	156.35	2	33.86	6	-13.10	14
206	-33	-34	Max	0.00	70.28	6	4.47	14	1.15	10	186.48	6	154.41	2	13.10	12
206	-33	-34	Max	54.88					-1.31	10			119.49	10		
206	-33	-34	Max	133.53	70.28	6	4.47	14	4.82	14	122.07	6	239.90	6	13.10	12
206	-33	-34	Min.	0.00	49.18	4	-4.47	12	-1.15	16	-59.69	2	33.89	6	-13.10	14
206	-33	-34	Min.	54.88					-1.31	10			119.49	10		
206	-33	-34	Min.	133.53	49.18	4	-4.47	12	-4.82	12	-124.10	2	31.70	2	-13.10	14
206	-34	-35	Max	0.00	129.55	6	54.79	10	4.82	16	-93.97	6	239.89	6	13.10	12
206	-34	-35	Max	133.53	129.55	6	54.79	10	68.34	10	-158.37	6	71.41	6	13.10	12
206	-34	-35	Min.	0.00	-10.08	4	-54.79	16	-4.82	10	-340.14	2	31.70	2	-13.10	14
206	-34	-35	Min.	133.53	-10.08	4	-54.79	16	-68.34	14	-404.54	2	-465.50	2	-13.10	14
206	-35	-36	Max	0.00	184.76	6	110.01	10	68.34	10	-374.41	6	71.42	6	13.10	12
206	-35	-36	Max	54.07	184.76	6	110.01	10	127.82	10	-400.49	6	-138.06	6	13.10	12
206	-35	-36	Min.	0.00	-65.30	2	-110.01	14	-68.34	16	-620.58	2	-465.48	2	-13.10	14
206	-35	-36	Min.	54.07	-65.30	2	-110.01	14	-127.82	16	-646.66	2	-808.06	2	-13.10	14
206	-36	-37	Max	0.00	95.46	2	95.46	14	127.87	10	470.88	2	-605.09	2	0.00	2
206	-36	-37	Max	79.47	95.46	2	95.46	14	52.01	10	432.55	2	-246.12	2	0.00	2
206	-36	-37	Min.	0.00	-95.46	6	-95.46	10	-127.87	16	470.88	2	-605.09	2	0.00	2
206	-36	-37	Min.	79.47	-95.46	6	-95.46	10	-52.01	16	432.55	2	-246.12	2	0.00	2
206	-37	-38	Max	0.00	38.95	2	38.95	14	52.01	10	216.51	2	-246.11	2	0.00	2
206	-37	-38	Max	133.53	38.95	2	38.95	14	0.00	14	152.10	2	0.00	2	0.00	2
206	-37	-38	Min.	0.00	-38.95	6	-38.95	10	-52.01	16	216.51	2	-246.11	2	0.00	2
206	-37	-38	Min.	133.53	-38.95	6	-38.95	10	-0.00	12	152.10	2	0.00	2	0.00	2
301	-3	-60	Max	0.00	9.30	14	9.30	6	13.95	2	76.05	2	-65.99	2	0.00	2
301	-3	-60	Max	150.00	9.30	14	9.30	6	0.00	2	11.94	2	0.00	2	0.00	2
301	-3	-60	Min.	0.00	-9.30	10	-9.30	2	-13.95	6	76.05	2	-65.99	2	0.00	2
301	-3	-60	Min.	150.00	-9.30	10	-9.30	2	0.00	6	11.94	2	0.00	2	0.00	2
301	-59	-3	Max	0.00	9.30	10	9.30	2	0.00	8	-11.94	2	0.00	8	0.00	2
301	-59	-3	Max	150.00	9.30	10	9.30	2	13.95	2	-76.05	2	-65.99	2	0.00	2
301	-59	-3	Min.	0.00	-9.30	14	-9.30	6	0.00	2	-11.94	2	0.00	2	0.00	2
301	-59	-3	Min.	150.00	-9.30	14	-9.30	6	-13.95	6	-76.05	2	-65.99	2	0.00	2
302	-4	-47	Max	0.00	13.94	14	13.94	6	20.90	2	108.02	2	-98.92	2	0.00	2
302	-4	-47	Max	150.00	13.94	14	13.94	6	0.00	6	23.88	2	0.00	2	0.00	2
302	-4	-47	Min.	0.00	-13.94	10	-13.94	2	-20.90	6	108.02	2	-98.92	2	0.00	2
302	-4	-47	Min.	150.00	-13.94	10	-13.94	2	0.00	2	23.88	2	0.00	2	0.00	2
302	-46	-4	Max	0.00	13.94	10	13.94	2	0.00	4	-23.88	2	0.00	16	0.00	2
302	-46	-4	Max	150.00	13.94	10	13.94	2	20.90	2	-108.02	2	-98.92	2	0.00	2
302	-46	-4	Min.	0.00	-13.94	14	-13.94	6	0.00	6	-23.88	2	0.00	10	0.00	2
302	-46	-4	Min.	150.00	-13.94	14	-13.94	6	-20.90	6	-108.02	2	-98.92	2	0.00	2
303	-6	-48	Max	0.00	13.94	14	13.94	6	20.90	2	108.02	2	-98.92	2	0.00	2
303	-6	-48	Max	150.00	13.94	14	13.94	6	0.00	6	23.88	2	0.00	2	0.00	2

303	-6	-48	Min.	0.00	-13.94	10	-13.94	2	-20.90	6	108.02	2	-98.92	2	0.00	2
303	-6	-48	Min.	150.00	-13.94	10	-13.94	2	0.00	2	23.88	2	0.00	2	0.00	2
303	-49	-6	Max	0.00	13.94	10	13.94	2	0.00	2	-23.88	2	0.00	10	0.00	2
303	-49	-6	Max	150.00	13.94	10	13.94	2	20.90	2	-108.02	2	-98.92	2	0.00	2
303	-49	-6	Min.	0.00	-13.94	14	-13.94	6	0.00	6	-23.88	2	0.00	16	0.00	2
303	-49	-6	Min.	150.00	-13.94	14	-13.94	6	-20.90	6	-108.02	2	-98.92	2	0.00	2
304	-7	-96	Max	0.00	13.94	14	13.94	6	20.90	2	108.02	2	-98.92	2	0.00	2
304	-7	-96	Max	150.00	13.94	14	13.94	6	0.00	6	23.88	2	0.00	2	0.00	2
304	-7	-96	Min.	0.00	-13.94	10	-13.94	2	-20.90	6	108.02	2	-98.92	2	0.00	2
304	-7	-96	Min.	150.00	-13.94	10	-13.94	2	0.00	2	23.88	2	0.00	2	0.00	2
304	-95	-7	Max	0.00	13.94	10	13.94	2	0.00	2	-23.88	2	0.00	14	0.00	2
304	-95	-7	Max	150.00	13.94	10	13.94	2	20.90	2	-108.02	2	-98.92	2	0.00	2
304	-95	-7	Min.	0.00	-13.94	14	-13.94	6	0.00	6	-23.88	2	0.00	12	0.00	2
304	-95	-7	Min.	150.00	-13.94	14	-13.94	6	-20.90	6	-108.02	2	-98.92	2	0.00	2
305	-8	-66	Max	0.00	13.94	14	13.94	6	20.90	2	108.02	2	-98.92	2	0.00	2
305	-8	-66	Max	150.00	13.94	14	13.94	6	0.00	6	23.88	2	0.00	2	0.00	2
305	-8	-66	Min.	0.00	-13.94	10	-13.94	2	-20.90	6	108.02	2	-98.92	2	0.00	2
305	-8	-66	Min.	150.00	-13.94	10	-13.94	2	0.00	2	23.88	2	0.00	2	0.00	2
305	-67	-8	Max	0.00	13.94	10	13.94	2	0.00	4	-23.88	2	0.00	10	0.00	2
305	-67	-8	Max	150.00	13.94	10	13.94	2	20.90	2	-108.02	2	-98.92	2	0.00	2
305	-67	-8	Min.	0.00	-13.94	14	-13.94	6	0.00	6	-23.88	2	0.00	14	0.00	2
305	-67	-8	Min.	150.00	-13.94	14	-13.94	6	-20.90	6	-108.02	2	-98.92	2	0.00	2
306	-9	-69	Max	0.00	13.94	14	13.94	6	20.90	2	108.02	2	-98.92	2	0.00	2
306	-9	-69	Max	150.00	13.94	14	13.94	6	0.00	6	23.88	2	0.00	2	0.00	2
306	-9	-69	Min.	0.00	-13.94	10	-13.94	2	-20.90	6	108.02	2	-98.92	2	0.00	2
306	-9	-69	Min.	150.00	-13.94	10	-13.94	2	0.00	2	23.88	2	0.00	2	0.00	2
306	-68	-9	Max	0.00	13.94	10	13.94	2	0.00	6	-23.88	2	0.00	10	0.00	2
306	-68	-9	Max	150.00	13.94	10	13.94	2	20.90	2	-108.02	2	-98.92	2	0.00	2
306	-68	-9	Min.	0.00	-13.94	14	-13.94	6	0.00	2	-23.88	2	0.00	16	0.00	2
306	-68	-9	Min.	150.00	-13.94	14	-13.94	6	-20.90	6	-108.02	2	-98.92	2	0.00	2
307	-11	-70	Max	0.00	13.94	14	13.94	6	20.90	2	108.02	2	-98.92	2	0.00	2
307	-11	-70	Max	150.00	13.94	14	13.94	6	0.00	6	23.88	2	0.00	2	0.00	2
307	-11	-70	Min.	0.00	-13.94	10	-13.94	2	-20.90	6	108.02	2	-98.92	2	0.00	2
307	-11	-70	Min.	150.00	-13.94	10	-13.94	2	0.00	2	23.88	2	0.00	2	0.00	2
307	-71	-11	Max	0.00	13.94	10	13.94	2	0.00	8	-23.88	2	0.00	16	0.00	2
307	-71	-11	Max	150.00	13.94	10	13.94	2	20.90	2	-108.02	2	-98.92	2	0.00	2
307	-71	-11	Min.	0.00	-13.94	14	-13.94	6	0.00	2	-23.88	2	0.00	10	0.00	2
307	-71	-11	Min.	150.00	-13.94	14	-13.94	6	-20.90	6	-108.02	2	-98.92	2	0.00	2
308	-12	-72	Max	0.00	13.94	14	13.94	6	20.90	2	108.02	2	-98.92	2	0.00	2
308	-12	-72	Max	150.00	13.94	14	13.94	6	0.00	6	23.88	2	0.00	2	0.00	2
308	-12	-72	Min.	0.00	-13.94	10	-13.94	2	-20.90	6	108.02	2	-98.92	2	0.00	2
308	-12	-72	Min.	150.00	-13.94	10	-13.94	2	0.00	2	23.88	2	0.00	2	0.00	2
308	-73	-12	Max	0.00	13.94	10	13.94	2	0.00	4	-23.88	2	0.00	14	0.00	2
308	-73	-12	Max	150.00	13.94	10	13.94	2	20.90	2	-108.02	2	-98.92	2	0.00	2
308	-73	-12	Min.	0.00	-13.94	14	-13.94	6	0.00	6	-23.88	2	0.00	10	0.00	2
308	-73	-12	Min.	150.00	-13.94	14	-13.94	6	-20.90	6	-108.02	2	-98.92	2	0.00	2
309	-13	-74	Max	0.00	13.94	14	13.94	6	20.90	2	108.02	2	-98.92	2	0.00	2
309	-13	-74	Max	150.00	13.94	14	13.94	6	0.00	6	23.88	2	0.00	2	0.00	2
309	-13	-74	Min.	0.00	-13.94	10	-13.94	2	-20.90	6	108.02	2	-98.92	2	0.00	2
309	-13	-74	Min.	150.00	-13.94	10	-13.94	2	0.00	2	23.88	2	0.00	2	0.00	2
309	-75	-13	Max	0.00	13.94	10	13.94	2	0.00	6	-23.88	2	0.00	10	0.00	2
309	-75	-13	Max	150.00	13.94	10	13.94	2	20.90	2	-108.02	2	-98.92	2	0.00	2
309	-75	-13	Min.	0.00	-13.94	14	-13.94	6	0.00	4	-23.88	2	0.00	14	0.00	2
309	-75	-13	Min.	150.00	-13.94	14	-13.94	6	-20.90	6	-108.02	2	-98.92	2	0.00	2
310	-14	-90	Max	0.00	13.94	14	13.94	6	20.90	2	108.02	2	-98.92	2	0.00	2
310	-14	-90	Max	150.00	13.94	14	13.94	6	0.00	6	23.88	2	0.00	2	0.00	2
310	-14	-90	Min.	0.00	-13.94	10	-13.94	2	-20.90	6	108.02	2	-98.92	2	0.00	2
310	-14	-90	Min.	150.00	-13.94	10	-13.94	2	0.00	2	23.88	2	0.00	2	0.00	2
310	-91	-14	Max	0.00	13.94	10	13.94	2	0.00	2	-23.88	2	0.00	2	0.00	2
310	-91	-14	Max	150.00	13.94	10	13.94	2	20.90	2	-108.02	2	-98.92	2	0.00	2
310	-91	-14	Min.	0.00	-13.94	14	-13.94	6	0.00	2	-23.88	2	0.00	2	0.00	2
310	-91	-14	Min.	150.00	-13.94	14	-13.94	6	-20.90	6	-108.02	2	-98.92	2	0.00	2
311	-15	-92	Max	0.00	13.94	14	13.94	6	20.90	2	108.02	2	-98.92	2	0.00	2
311	-15	-92	Max	150.00	13.94	14	13.94	6	0.00	6	23.88	2	0.00	2	0.00	2
311	-15	-92	Min.	0.00	-13.94	10	-13.94	2	-20.90	6	108.02	2	-98.92	2	0.00	2
311	-15	-92	Min.	150.00	-13.94	10	-13.94	2	0.00	2	23.88	2	0.00	2	0.00	2
311	-93	-15	Max	0.00	13.94	10	13.94	2	0.00	2	-23.88	2	0.00	2	0.00	2
311	-93	-15	Max	150.00	13.94	10	13.94	2	20.90	2	-108.02	2	-98.92	2	0.00	2
311	-93	-15	Min.	0.00	-13.94	14	-13.94	6	0.00	6	-23.88	2	0.00	6	0.00	2
311	-93	-15	Min.	150.00	-13.94	14	-13.94	6	-20.90	6	-108.02	2	-98.92	2	0.00	2
312	-16	-98	Max	0.00	13.94	14	13.94	6	20.90	2	108.02	2	-98.92	2	0.00	2
312	-16	-98	Max	150.00	13.94	14	13.94	6	0.00	6	23.88	2	0.00	2	0.00	2
312	-16	-98	Min.	0.00	-13.94	10	-13.94	2	-20.90	6	108.02	2	-98.92	2	0.00	2
312	-16	-98	Min.	150.00	-13.94	10	-13.94	2	0.00	2	23.88	2	0.00	2	0.00	2
312	-94	-16	Max	0.00	13.94	10	13.94	2	0.00	8	-23.88	2	0.00	14	0.00	2
312	-94	-16	Max	150.00	13.94	10	13.94	2	20.90	2	-108.02	2	-98.92	2	0.00	2
312	-94	-16	Min.	0.00	-13.94	14	-13.94	6	0.00	2	-23.88	2	0.00	10	0.00	2
312	-94	-16	Min.	150.00	-13.94	14	-13.94	6	-20.90	6	-108.02	2	-98.92	2	0.00	2
313	-17	-97	Max	0.00	13.94	14	13.94	6	20.90	2	108.02	2	-98.92	2	0.00	2
313	-17	-97	Max	150.00	13.94	14	13.94	6	0.00	6	23.88	2	0.00	2	0.00	2
313	-17	-97	Min.	0.00	-13.94	10	-13.94	2	-20.90	6	108.02	2	-98.92	2	0.00	2
313	-17	-97	Min.	150.00	-13.94	10	-13.94	2	0.00	2	23.88	2	0.00	2	0.00	2
313	-42	-17	Max	0.00	13.94	10	13.94	2	0.00	10	-23.88	2	0.00	10	0.00	2
313	-42	-17	Max	150.00	13.94	10	13.94	2	20.90	2	-108.02	2	-98.92	2	0.00	2
313	-42	-17	Min.	0.00	-13.94	14	-13.94	6	0.00	14	-23.88	2	0.00	14	0.00	2
313	-42	-17	Min.	150.00	-13.94	14	-13.94	6	-20.90	6	-108.02	2	-98.92	2	0.00	2
314	-18	-43	Max	0.00	13.94	14	13.94	6	20.90	2	108.02	2	-98.92	2	0.00	2
314	-18	-43	Max	150.00	13.94	14	13.94	6	0.00	6	23.88	2	0.00	2	0.00	2
314	-18	-43	Min.	0.00	-13.94	10	-13.94	2	-20.90	6	108.02	2	-98.92	2	0.00	2
314	-18	-43	Min.	150.00	-13.94	10	-13.94	2	0.00	2	23.88	2	0.00	2	0.00	2
314	-44	-18	Max	0.00	13.94	10	13.94	2	0.00	6	-23.88	2	0.00	6	0.00	2
314	-44	-18	Max	150.00	13.94	10	13.94	2	20.90	2	-108.02	2	-98.92	2	0.00	2
314	-44	-18	Min.	0.00	-13.94	14	-13.94	6	0.00	2	-23.88	2	0.00	2	0.00	2
314	-44	-18	Min.	150.00	-13.94	14	-13.94	6	-20.90	6	-108.02	2	-98.92	2	0.00	2
315	-19	-45	Max	0.00	13.94	14	13.94	6	20.90	2	108.02	2	-98.92	2	0.00	2
315	-19	-45	Max	150.00	13.94	14	13.94	6	0.00	6	23.88	2	0.00	2	0.00	2
315	-19	-45	Min.	0.00	-13.94	10	-13.94	2	-20.90	6	108.02	2	-98.92	2	0.00	2
315	-19	-45	Min.	150.00	-13.94	10	-13.94	2	0.00	2	23.88	2	0.00	2	0.00	2
315	-58	-19	Max	0.00	13.94	10	13.94	2	0.00	4	-23.88	2	0.00	14	0.00	2
315	-58	-19	Max	150.00	13.94	10	13.94	2	20.90	2	-108.02	2	-98.92	2	0.00	2
315	-58	-19	Min.	0.00	-13.94	14	-13.94	6	0.00	6	-23.88	2	0.00	12	0.00	2

315	-58	-19	Min.	150.00	-13.94	14	-13.94	6	-20.90	6	-108.02	2	-98.92	2	0.00	2
316	-20	-63	Max	0.00	9.30	14	9.30	6	13.95	2	76.05	2	-65.99	2	0.00	2
316	-20	-63	Max	150.00	9.30	14	9.30	6	0.00	2	11.94	2	0.00	2	0.00	2
316	-20	-63	Min.	0.00	-9.30	10	-9.30	2	-13.95	6	76.05	2	-65.99	2	0.00	2
316	-20	-63	Min.	150.00	-9.30	10	-9.30	2	0.00	6	11.94	2	0.00	2	0.00	2
316	-65	-20	Max	0.00	9.30	10	9.30	2	0.00	2	-11.94	2	0.00	2	0.00	2
316	-65	-20	Max	150.00	9.30	10	9.30	2	13.95	2	-76.05	2	-65.99	2	0.00	2
316	-65	-20	Min.	0.00	-9.30	14	-9.30	6	0.00	2	-11.94	2	0.00	2	0.00	2
316	-65	-20	Min.	150.00	-9.30	14	-9.30	6	-13.95	6	-76.05	2	-65.99	2	0.00	2
317	-21	-51	Max	0.00	9.30	14	9.30	6	13.95	2	76.05	2	-65.99	2	0.00	2
317	-21	-51	Max	150.00	9.30	14	9.30	6	0.00	2	11.94	2	0.00	2	0.00	2
317	-21	-51	Min.	0.00	-9.30	10	-9.30	2	-13.95	6	76.05	2	-65.99	2	0.00	2
317	-21	-51	Min.	150.00	-9.30	10	-9.30	2	0.00	6	11.94	2	0.00	2	0.00	2
317	-50	-21	Max	0.00	9.30	10	9.30	2	0.00	2	-11.94	2	0.00	14	0.00	2
317	-50	-21	Max	150.00	9.30	10	9.30	2	13.95	2	-76.05	2	-65.99	2	0.00	2
317	-50	-21	Min.	0.00	-9.30	14	-9.30	6	0.00	8	-11.94	2	0.00	10	0.00	2
317	-50	-21	Min.	150.00	-9.30	14	-9.30	6	-13.95	6	-76.05	2	-65.99	2	0.00	2
318	-22	-53	Max	0.00	13.94	14	13.94	6	20.90	2	108.02	2	-98.92	2	0.00	2
318	-22	-53	Max	150.00	13.94	14	13.94	6	0.00	6	23.88	2	0.00	2	0.00	2
318	-22	-53	Min.	0.00	-13.94	10	-13.94	2	-20.90	6	108.02	2	-98.92	2	0.00	2
318	-22	-53	Min.	150.00	-13.94	10	-13.94	2	0.00	2	23.88	2	0.00	2	0.00	2
318	-52	-22	Max	0.00	13.94	10	13.94	2	0.00	4	-23.88	2	0.00	12	0.00	2
318	-52	-22	Max	150.00	13.94	10	13.94	2	20.90	2	-108.02	2	-98.92	2	0.00	2
318	-52	-22	Min.	0.00	-13.94	14	-13.94	6	0.00	6	-23.88	2	0.00	14	0.00	2
318	-52	-22	Min.	150.00	-13.94	14	-13.94	6	-20.90	6	-108.02	2	-98.92	2	0.00	2
319	-23	-55	Max	0.00	13.94	14	13.94	6	20.90	2	108.02	2	-98.92	2	0.00	2
319	-23	-55	Max	150.00	13.94	14	13.94	6	0.00	6	23.88	2	0.00	2	0.00	2
319	-23	-55	Min.	0.00	-13.94	10	-13.94	2	-20.90	6	108.02	2	-98.92	2	0.00	2
319	-23	-55	Min.	150.00	-13.94	10	-13.94	2	0.00	2	23.88	2	0.00	2	0.00	2
319	-54	-23	Max	0.00	13.94	10	13.94	2	0.00	8	-23.88	2	0.00	10	0.00	2
319	-54	-23	Max	150.00	13.94	10	13.94	2	20.90	2	-108.02	2	-98.92	2	0.00	2
319	-54	-23	Min.	0.00	-13.94	14	-13.94	6	0.00	2	-23.88	2	0.00	14	0.00	2
319	-54	-23	Min.	150.00	-13.94	14	-13.94	6	-20.90	6	-108.02	2	-98.92	2	0.00	2
320	-24	-57	Max	0.00	13.94	14	13.94	6	20.90	2	108.02	2	-98.92	2	0.00	2
320	-24	-57	Max	150.00	13.94	14	13.94	6	0.00	6	23.88	2	0.00	2	0.00	2
320	-24	-57	Min.	0.00	-13.94	10	-13.94	2	-20.90	6	108.02	2	-98.92	2	0.00	2
320	-24	-57	Min.	150.00	-13.94	10	-13.94	2	0.00	2	23.88	2	0.00	2	0.00	2
320	-56	-24	Max	0.00	13.94	10	13.94	2	0.00	6	-23.88	2	0.00	2	0.00	2
320	-56	-24	Max	150.00	13.94	10	13.94	2	20.90	2	-108.02	2	-98.92	2	0.00	2
320	-56	-24	Min.	0.00	-13.94	14	-13.94	6	0.00	2	-23.88	2	0.00	2	0.00	2
320	-56	-24	Min.	150.00	-13.94	14	-13.94	6	-20.90	6	-108.02	2	-98.92	2	0.00	2
322	-25	-41	Max	0.00	13.94	14	13.94	6	20.90	2	108.02	2	-98.92	2	0.00	2
322	-25	-41	Max	150.00	13.94	14	13.94	6	0.00	6	23.88	2	0.00	2	0.00	2
322	-25	-41	Min.	0.00	-13.94	10	-13.94	2	-20.90	6	108.02	2	-98.92	2	0.00	2
322	-25	-41	Min.	150.00	-13.94	10	-13.94	2	0.00	2	23.88	2	0.00	2	0.00	2
322	-64	-25	Max	0.00	13.94	10	13.94	2	0.00	8	-23.88	2	0.00	10	0.00	2
322	-64	-25	Max	150.00	13.94	10	13.94	2	20.90	2	-108.02	2	-98.92	2	0.00	2
322	-64	-25	Min.	0.00	-13.94	14	-13.94	6	0.00	2	-23.88	2	0.00	16	0.00	2
322	-64	-25	Min.	150.00	-13.94	14	-13.94	6	-20.90	6	-108.02	2	-98.92	2	0.00	2
323	-26	-77	Max	0.00	13.94	14	13.94	6	20.90	2	108.02	2	-98.92	2	0.00	2
323	-26	-77	Max	150.00	13.94	14	13.94	6	0.00	6	23.88	2	0.00	2	0.00	2
323	-26	-77	Min.	0.00	-13.94	10	-13.94	2	-20.90	6	108.02	2	-98.92	2	0.00	2
323	-26	-77	Min.	150.00	-13.94	10	-13.94	2	0.00	2	23.88	2	0.00	2	0.00	2
323	-76	-26	Max	0.00	13.94	10	13.94	2	0.00	4	-23.88	2	0.00	10	0.00	2
323	-76	-26	Max	150.00	13.94	10	13.94	2	20.90	2	-108.02	2	-98.92	2	0.00	2
323	-76	-26	Min.	0.00	-13.94	14	-13.94	6	0.00	6	-23.88	2	0.00	14	0.00	2
323	-76	-26	Min.	150.00	-13.94	14	-13.94	6	-20.90	6	-108.02	2	-98.92	2	0.00	2
324	-27	-79	Max	0.00	13.94	14	13.94	6	20.90	2	108.02	2	-98.92	2	0.00	2
324	-27	-79	Max	150.00	13.94	14	13.94	6	0.00	6	23.88	2	0.00	2	0.00	2
324	-27	-79	Min.	0.00	-13.94	10	-13.94	2	-20.90	6	108.02	2	-98.92	2	0.00	2
324	-27	-79	Min.	150.00	-13.94	10	-13.94	2	0.00	2	23.88	2	0.00	2	0.00	2
324	-78	-27	Max	0.00	13.94	10	13.94	2	0.00	4	-23.88	2	0.00	10	0.00	2
324	-78	-27	Max	150.00	13.94	10	13.94	2	20.90	2	-108.02	2	-98.92	2	0.00	2
324	-78	-27	Min.	0.00	-13.94	14	-13.94	6	0.00	6	-23.88	2	0.00	14	0.00	2
324	-78	-27	Min.	150.00	-13.94	14	-13.94	6	-20.90	6	-108.02	2	-98.92	2	0.00	2
325	-28	-81	Max	0.00	13.94	14	13.94	6	20.90	2	108.02	2	-98.92	2	0.00	2
325	-28	-81	Max	150.00	13.94	14	13.94	6	0.00	6	23.88	2	0.00	2	0.00	2
325	-28	-81	Min.	0.00	-13.94	10	-13.94	2	-20.90	6	108.02	2	-98.92	2	0.00	2
325	-28	-81	Min.	150.00	-13.94	10	-13.94	2	0.00	2	23.88	2	0.00	2	0.00	2
325	-80	-28	Max	0.00	13.94	10	13.94	2	0.00	6	-23.88	2	0.00	10	0.00	2
325	-80	-28	Max	150.00	13.94	10	13.94	2	20.90	2	-108.02	2	-98.92	2	0.00	2
325	-80	-28	Min.	0.00	-13.94	14	-13.94	6	0.00	4	-23.88	2	0.00	14	0.00	2
325	-80	-28	Min.	150.00	-13.94	14	-13.94	6	-20.90	6	-108.02	2	-98.92	2	0.00	2
326	-29	-83	Max	0.00	13.94	14	13.94	6	20.90	2	108.02	2	-98.92	2	0.00	2
326	-29	-83	Max	150.00	13.94	14	13.94	6	0.00	6	23.88	2	0.00	2	0.00	2
326	-29	-83	Min.	0.00	-13.94	10	-13.94	2	-20.90	6	108.02	2	-98.92	2	0.00	2
326	-29	-83	Min.	150.00	-13.94	10	-13.94	2	0.00	2	23.88	2	0.00	2	0.00	2
326	-82	-29	Max	0.00	13.94	10	13.94	2	0.00	10	-23.88	2	0.00	14	0.00	2
326	-82	-29	Max	150.00	13.94	10	13.94	2	20.90	2	-108.02	2	-98.92	2	0.00	2
326	-82	-29	Min.	0.00	-13.94	14	-13.94	6	0.00	14	-23.88	2	0.00	10	0.00	2
326	-82	-29	Min.	150.00	-13.94	14	-13.94	6	-20.90	6	-108.02	2	-98.92	2	0.00	2
327	-30	-85	Max	0.00	13.94	14	13.94	6	20.90	2	108.02	2	-98.92	2	0.00	2
327	-30	-85	Max	150.00	13.94	14	13.94	6	0.00	6	23.88	2	0.00	2	0.00	2
327	-30	-85	Min.	0.00	-13.94	10	-13.94	2	-20.90	6	108.02	2	-98.92	2	0.00	2
327	-30	-85	Min.	150.00	-13.94	10	-13.94	2	0.00	2	23.88	2	0.00	2	0.00	2
327	-84	-30	Max	0.00	13.94	10	13.94	2	0.00	6	-23.88	2	0.00	10	0.00	2
327	-84	-30	Max	150.00	13.94	10	13.94	2	20.90	2	-108.02	2	-98.92	2	0.00	2
327	-84	-30	Min.	0.00	-13.94	14	-13.94	6	0.00	4	-23.88	2	0.00	16	0.00	2
327	-84	-30	Min.	150.00	-13.94	14	-13.94	6	-20.90	6	-108.02	2	-98.92	2	0.00	2
329	-32	-86	Max	0.00	13.94	14	13.94	6	20.90	2	108.02	2	-98.92	2	0.00	2
329	-32	-86	Max	150.00	13.94	14	13.94	6	0.00	6	23.88	2	0.00	2	0.00	2
329	-32	-86	Min.	0.00	-13.94	10	-13.94	2	-20.90	6	108.02	2	-98.92	2	0.00	2
329	-32	-86	Min.	150.00	-13.94	10	-13.94	2	0.00	2	23.88	2	0.00	2	0.00	2
329	-87	-32	Max	0.00	13.94	10	13.94	2	0.00	6	-23.88	2	0.00	12	0.00	2
329	-87	-32	Max	150.00	13.94	10	13.94	2	20.90	2	-108.02	2	-98.92	2	0.00	2
329	-87	-32	Min.	0.00	-13.94	14	-13.94	6	0.00	2	-23.88	2	0.00	14	0.00	2
329	-87	-32	Min.	150.00	-13.94	14	-13.94	6	-20.90	6	-108.02	2	-98.92	2	0.00	2
330	-33	-89	Max	0.00	13.94	14	13.94	6	20.90	2	108.02	2	-98.92	2	0.00	2
330	-33	-89	Max	150.00	13.94	14	13.94	6	0.00	6	23.88	2	0.00	2	0.00	2
330	-33	-89	Min.	0.00	-13.94	10	-13.94	2	-20.90	6	108.02	2	-98.92	2	0.00	2
330	-33	-89	Min.	150.00	-13.94	10	-13.94	2	0.00	2	23.88	2	0.00	2	0.00	2

330	-88	-33	Max	0.00	13.94	10	13.94	2	0.00	8	-23.88	2	0.00	14	0.00	2
330	-88	-33	Max	150.00	13.94	10	13.94	2	20.90	2	-108.02	2	-98.92	2	0.00	2
330	-88	-33	Min.	0.00	-13.94	14	-13.94	6	0.00	2	-23.88	2	0.00	12	0.00	2
330	-88	-33	Min.	150.00	-13.94	14	-13.94	6	-20.90	6	-108.02	2	-98.92	2	0.00	2
331	-34	-61	Max	0.00	13.94	14	13.94	6	20.90	2	108.02	2	-98.92	2	0.00	2
331	-34	-61	Max	150.00	13.94	14	13.94	6	0.00	6	23.88	2	0.00	2	0.00	2
331	-34	-61	Min.	0.00	-13.94	10	-13.94	2	-20.90	6	108.02	2	-98.92	2	0.00	2
331	-34	-61	Min.	150.00	-13.94	10	-13.94	2	0.00	2	23.88	2	0.00	2	0.00	2
331	-62	-34	Max	0.00	13.94	10	13.94	2	0.00	2	-23.88	2	0.00	10	0.00	2
331	-62	-34	Max	150.00	13.94	10	13.94	2	20.90	2	-108.02	2	-98.92	2	0.00	2
331	-62	-34	Min.	0.00	-13.94	14	-13.94	6	0.00	8	-23.88	2	0.00	14	0.00	2
331	-62	-34	Min.	150.00	-13.94	14	-13.94	6	-20.90	6	-108.02	2	-98.92	2	0.00	2
332	-35	-102	Max	0.00	13.94	14	13.94	6	20.90	2	108.02	2	-98.92	2	0.00	2
332	-35	-102	Max	150.00	13.94	14	13.94	6	0.00	6	23.88	2	0.00	2	0.00	2
332	-35	-102	Min.	0.00	-13.94	10	-13.94	2	-20.90	6	108.02	2	-98.92	2	0.00	2
332	-35	-102	Min.	150.00	-13.94	10	-13.94	2	0.00	2	23.88	2	0.00	2	0.00	2
332	-101	-35	Max	0.00	13.94	10	13.94	2	0.00	4	-23.88	2	0.00	14	0.00	2
332	-101	-35	Max	150.00	13.94	10	13.94	2	20.90	2	-108.02	2	-98.92	2	0.00	2
332	-101	-35	Min.	0.00	-13.94	14	-13.94	6	0.00	6	-23.88	2	0.00	10	0.00	2
332	-101	-35	Min.	150.00	-13.94	14	-13.94	6	-20.90	6	-108.02	2	-98.92	2	0.00	2
333	-37	-103	Max	0.00	13.94	14	13.94	6	20.90	2	108.02	2	-98.92	2	0.00	2
333	-37	-103	Max	150.00	13.94	14	13.94	6	0.00	6	23.88	2	0.00	2	0.00	2
333	-37	-103	Min.	0.00	-13.94	10	-13.94	2	-20.90	6	108.02	2	-98.92	2	0.00	2
333	-37	-103	Min.	150.00	-13.94	10	-13.94	2	0.00	2	23.88	2	0.00	2	0.00	2
333	-104	-37	Max	0.00	13.94	10	13.94	2	0.00	2	-23.88	2	0.00	6	0.00	2
333	-104	-37	Max	150.00	13.94	10	13.94	2	20.90	2	-108.02	2	-98.92	2	0.00	2
333	-104	-37	Min.	0.00	-13.94	14	-13.94	6	0.00	8	-23.88	2	0.00	14	0.00	2
333	-104	-37	Min.	150.00	-13.94	14	-13.94	6	-20.90	6	-108.02	2	-98.92	2	0.00	2
334	-38	-99	Max	0.00	9.30	14	9.30	6	13.95	2	76.05	2	-65.99	2	0.00	2
334	-38	-99	Max	150.00	9.30	14	9.30	6	0.00	2	11.94	2	0.00	2	0.00	2
334	-38	-99	Min.	0.00	-9.30	10	-9.30	2	-13.95	6	76.05	2	-65.99	2	0.00	2
334	-38	-99	Min.	150.00	-9.30	10	-9.30	2	0.00	6	11.94	2	0.00	2	0.00	2
334	-100	-38	Max	0.00	9.30	10	9.30	2	0.00	6	-11.94	2	0.00	2	0.00	2
334	-100	-38	Max	150.00	9.30	10	9.30	2	13.95	2	-76.05	2	-65.99	2	0.00	2
334	-100	-38	Min.	0.00	-9.30	14	-9.30	6	0.00	4	-11.94	2	0.00	8	0.00	2
334	-100	-38	Min.	150.00	-9.30	14	-9.30	6	-13.95	6	-76.05	2	-65.99	2	0.00	2

Tipo di combinazione di carico: SLU

Asta	N1	N2		X <cm>	N <daN>	CC	Ty <daN>	CC	Mz <daNm>	CC	Tz <daN>	CC	My <daNm>	CC	Mx <daNm>	CC
1	1	-5	Max	0.00	-1508.80	21	-76.42	21	210.50	29	0.00	21	0.00	21	0.00	21
1	1	-5	Max	330.00	-1262.80	21	-76.42	21	-168.90	21	0.00	21	0.00	21	0.00	21
1	1	-5	Min.	0.00	-4350.84	29	-192.50	29	83.29	21	0.00	29	-0.00	29	0.00	29
1	1	-5	Min.	330.00	-4104.84	29	-192.50	29	-424.76	29	0.00	29	-0.00	29	0.00	29
2	2	-10	Max	0.00	-1871.07	21	404.76	29	-134.68	21	0.00	29	0.00	21	0.00	21
2	2	-10	Max	330.00	-1625.07	21	404.76	29	894.58	29	0.00	29	0.00	21	0.00	21
2	2	-10	Min.	0.00	-5782.99	29	123.41	21	-441.12	29	0.00	21	-0.00	29	0.00	29
2	2	-10	Min.	330.00	-5536.98	29	123.41	21	272.58	21	0.00	21	-0.00	29	0.00	29
3	3	203	Max	0.00	-2035.42	21	-76.73	21	282.49	29	0.00	21	0.00	21	0.00	29
3	3	203	Max	330.00	-1789.42	21	-76.73	21	-169.54	21	0.00	21	0.00	21	0.00	29
3	3	203	Min.	0.00	-6298.20	29	-258.82	29	83.67	21	-0.00	29	-0.00	29	0.00	21
3	3	203	Min.	330.00	-6052.19	29	-258.82	29	-571.61	29	-0.00	29	-0.00	29	0.00	21
4	4	204	Max	0.00	-1814.64	21	0.00	29	0.00	21	0.00	21	0.00	29	0.00	29
4	4	204	Max	330.00	-1568.63	21	0.00	29	0.00	29	0.00	21	0.00	29	0.00	29
4	4	204	Min.	0.00	-5226.35	29	0.00	21	-0.00	29	-0.00	29	0.00	21	0.00	21
4	4	204	Min.	330.00	-4980.34	29	0.00	21	0.00	21	-0.00	29	0.00	21	0.00	21
5	5	205	Max	0.00	-2035.43	21	-76.73	21	282.49	29	0.00	29	0.00	29	0.00	21
5	5	205	Max	330.00	-1789.42	21	-76.73	21	-169.54	21	0.00	29	0.00	29	0.00	21
5	5	205	Min.	0.00	-6298.20	29	-258.82	29	83.67	21	0.00	21	0.00	21	0.00	29
5	5	205	Min.	330.00	-6052.19	29	-258.82	29	-571.61	29	0.00	21	0.00	21	0.00	29
6	6	-31	Max	0.00	-1871.07	21	404.76	29	-134.68	21	0.00	21	0.00	29	0.00	29
6	6	-31	Max	330.00	-1625.07	21	404.76	29	894.59	29	0.00	21	0.00	29	0.00	29
6	6	-31	Min.	0.00	-5782.99	29	123.41	21	-441.13	29	-0.00	29	0.00	21	0.00	21
6	6	-31	Min.	330.00	-5536.98	29	123.41	21	272.58	21	-0.00	29	0.00	21	0.00	21
7	7	-36	Max	0.00	-1508.81	21	-76.43	21	210.51	29	0.00	29	0.00	29	0.00	29
7	7	-36	Max	330.00	-1262.80	21	-76.43	21	-168.91	21	0.00	29	0.00	29	0.00	29
7	7	-36	Min.	0.00	-4350.85	29	-192.51	29	83.30	21	0.00	21	0.00	21	0.00	21
7	7	-36	Min.	330.00	-4104.84	29	-192.51	29	-424.77	29	0.00	21	0.00	21	0.00	21
201	-4	-3	Max	0.00	0.00	17	0.00	17	0.00	17	701.07	29	-313.97	21	0.00	21
201	-4	-3	Max	133.53	0.00	17	0.00	17	0.00	17	617.35	29	0.00	29	0.00	21
201	-4	-3	Min.	0.00	0.00	17	0.00	17	0.00	17	276.99	21	-880.26	29	0.00	29
201	-4	-3	Min.	133.53	0.00	17	0.00	17	0.00	17	193.26	21	0.00	21	0.00	29
201	-5	-4	Max	0.00	0.00	17	0.00	17	0.00	17	1870.98	29	-769.95	21	0.00	21
201	-5	-4	Max	79.47	0.00	17	0.00	17	0.00	17	1821.15	29	-313.97	21	0.00	21
201	-5	-4	Min.	0.00	0.00	17	0.00	17	0.00	17	598.72	21	-2347.26	29	0.00	29
201	-5	-4	Min.	79.47	0.00	17	0.00	17	0.00	17	548.89	21	-880.26	29	0.00	29
201	-6	-5	Max	0.00	192.50	29	0.00	29	0.00	21	-630.18	21	-251.16	21	0.00	29
201	-6	-5	Max	54.07	192.50	29	0.00	29	0.00	29	-664.08	21	-601.05	21	0.00	29
201	-6	-5	Min.	0.00	76.42	21	0.00	21	0.00	29	-2199.96	29	-723.88	29	0.00	21
201	-6	-5	Min.	54.07	76.42	21	0.00	21	0.00	21	-2233.86	29	-1922.50	29	0.00	21
201	-7	-6	Max	0.00	192.50	29	0.00	29	0.00	21	-274.55	21	662.22	29	0.00	29
201	-7	-6	Max	133.53	192.50	29	0.00	29	0.00	21	-358.28	21	-251.16	21	0.00	29
201	-7	-6	Min.	0.00	76.42	21	0.00	21	0.00	29	-996.16	29	171.36	21	0.00	21
201	-7	-6	Min.	133.53	76.42	21	0.00	21	0.00	29	-1079.88	29	-723.88	29	0.00	21
201	-8	-7	Max	0.00	192.50	29	0.00	29	0.00	21	207.64	29	440.85	29	0.00	29
201	-8	-7	Max	129.31									171.41	21		
201	-8	-7	Max	133.53	192.50	29	0.00	29	0.00	21	123.92	29	662.22	29	0.00	29
201	-8	-7	Min.	0.00	76.42	21	0.00	21	0.00	29	81.08	21	118.99	21	0.00	21
201	-8	-7	Min.	129.31									171.41	21		
201	-8	-7	Min.	133.53	76.42	21	0.00	21	0.00	29	-2.65	21	171.36	21	0.00	21
201	-9	-8	Max	0.00	192.50	29	0.00	29	0.00	21	1411.44	29	-408.25	21	0.00	21
201	-9	-8	Max	133.53	192.50	29	0.00	29	0.00	21	1327.72	29	440.86	29	0.00	21
201	-9	-8	Min.	0.00	76.42	21	0.00	21	0.00	29	436.71	21	-1387.99	29	0.00	29
201	-9	-8	Min.	133.53	76.42	21	0.00	21	0.00	29	352.98	21	118.99	21	0.00	29
201	-10	-9	Max	0.00	192.50	29	0.00	29	0.00	21	2559.94	29	-735.94	21	0.00	21
201	-10	-9	Max	45.33	192.50	29	0.00	29	0.00	21	2531.52	29	-408.26	21	0.00	21
201	-10	-9	Min.	0.00	76.42	21	0.00	21	0.00	29	737.03	21	-2542.07	29	-0.00	29
201	-10	-9	Min.	45.33	76.42	21	0.00	21	0.00	29	708.61	21	-1388.00	29	-0.00	29
202	-11	-10	Max	0.00	-46.99	21	0.00	29	0.00	21	-832.73	21	-249.66	21	0.00	29
202	-11	-10	Max	88.20	-46.99	21	0.00	29	0.00	21	-888.03	21	-1008.52	21	0.00	29

202	-11	-10	Min.	0.00	-212.25	29	0.00	21	0.00	29	-2921.74	29	-835.29	29	0.00	21	
202	-11	-10	Min.	88.20	-212.25	29	0.00	21	0.00	29	-2977.04	29	-3436.65	29	0.00	21	
202	-12	-11	Max	0.00	-46.99	21	0.00	29	0.00	21	-477.10	21	1514.62	29	0.00	29	
202	-12	-11	Max	133.53	-46.99	21	0.00	29	0.00	21	-560.83	21	-249.66	21	0.00	29	
202	-12	-11	Min.	0.00	-212.25	29	0.00	21	0.00	29	-1717.94	29	443.33	21	0.00	21	
202	-12	-11	Min.	133.53	-212.25	29	0.00	21	0.00	29	-1801.66	29	-835.29	29	0.00	21	
202	-13	-12	Max	0.00	-46.99	21	0.00	29	0.00	21	-121.47	21	2257.07	29	0.00	29	
202	-13	-12	Max	133.53	-46.99	21	0.00	29	0.00	21	-205.20	21	1514.63	29	0.00	29	
202	-13	-12	Min.	0.00	-212.25	29	0.00	21	0.00	29	-514.13	29	661.44	21	0.00	21	
202	-13	-12	Min.	133.53	-212.25	29	0.00	21	0.00	29	-597.86	29	443.33	21	0.00	21	
202	-14	-13	Max	0.00	-46.99	21	0.00	29	0.00	21	689.67	29	1392.03	29	0.00	21	
202	-14	-13	Max	133.53	-46.99	21	0.00	29	0.00	21	605.94	29	2257.07	29	0.00	21	
202	-14	-13	Min.	0.00	-212.25	29	0.00	21	0.00	29	234.16	21	404.67	21	0.00	29	
202	-14	-13	Min.	133.53	-212.25	29	0.00	21	0.00	29	150.43	21	661.44	21	0.00	29	
202	-15	-14	Max	0.00	-46.99	21	0.00	29	0.00	21	1893.47	29	-326.99	21	0.00	21	
202	-15	-14	Max	133.53	-46.99	21	0.00	29	0.00	21	1809.74	29	1392.04	29	0.00	21	
202	-15	-14	Min.	0.00	-212.25	29	0.00	21	0.00	29	589.78	21	-1080.47	29	0.00	29	
202	-15	-14	Min.	133.53	-212.25	29	0.00	21	0.00	29	506.06	21	404.67	21	0.00	29	
202	203	-15	Max	0.00	-46.99	21	0.00	29	0.00	21	3068.51	29	-1106.50	21	0.00	21	
202	203	-15	Max	87.67	-46.99	21	0.00	29	0.00	21	3013.55	29	-327.00	21	0.00	21	
202	203	-15	Min.	0.00	-212.25	29	0.00	21	0.00	29	916.65	21	-3746.45	29	-0.00	29	
202	203	-15	Min.	87.67	-212.25	29	0.00	21	0.00	29	861.69	21	-1080.48	29	-0.00	29	
203	-16	203	Max	0.00	46.56	29	0.00	21	0.00	21	-844.00	21	-543.22	21	0.00	29	
203	-16	203	Max	45.87	46.56	29	0.00	21	0.00	21	-872.76	21	-936.93	21	0.00	29	
203	-16	203	Min.	0.00	29.74	21	-0.00	29	0.00	29	-2954.92	29	-1812.82	29	0.00	21	
203	-16	203	Min.	45.87	29.74	21	-0.00	29	0.00	29	-2983.68	29	-3174.75	29	0.00	21	
203	-17	-16	Max	0.00	46.56	29	0.00	21	0.00	21	-488.38	21	581.35	29	0.00	29	
203	-17	-16	Max	133.53	46.56	29	0.00	21	0.00	21	-572.10	21	-543.24	21	0.00	29	
203	-17	-16	Min.	0.00	29.74	21	-0.00	29	0.00	29	-1751.12	29	164.81	21	0.00	21	
203	-17	-16	Min.	133.53	29.74	21	-0.00	29	0.00	29	-1834.85	29	-1812.88	29	0.00	21	
203	-18	-17	Max	0.00	46.56	29	0.00	21	0.00	29	-132.75	21	1368.08	29	0.00	29	
203	-18	-17	Max	133.53	46.56	29	0.00	21	0.00	21	-216.47	21	581.32	29	0.00	29	
203	-18	-17	Min.	0.00	29.74	21	-0.00	29	0.00	21	-547.32	29	397.96	21	0.00	21	
203	-18	-17	Min.	133.53	29.74	21	-0.00	29	0.00	29	-631.05	29	164.80	21	0.00	21	
203	-19	-18	Max	0.00	46.56	29	0.00	21	0.00	29	656.48	29	547.32	29	0.00	21	
203	-19	-18	Max	133.53	46.56	29	0.00	21	0.00	29	572.76	29	1368.04	29	0.00	21	
203	-19	-18	Min.	0.00	29.74	21	-0.00	29	0.00	21	222.88	21	156.23	21	0.00	29	
203	-19	-18	Min.	133.53	29.74	21	-0.00	29	0.00	21	139.16	21	397.95	21	0.00	29	
203	-20	-19	Max	0.00	46.56	29	0.00	21	0.00	29	1860.28	29	-560.36	21	0.00	21	
203	-20	-19	Max	133.53	46.56	29	0.00	21	0.00	29	1776.56	29	547.38	29	0.00	21	
203	-20	-19	Min.	0.00	29.74	21	-0.00	29	0.00	21	578.51	21	-1880.82	29	0.00	29	
203	-20	-19	Min.	133.53	29.74	21	-0.00	29	0.00	21	494.79	21	156.24	21	0.00	29	
203	204	-20	Max	0.00	46.56	29	0.00	21	0.00	29	2490.17	29	-715.97	21	0.00	21	
203	204	-20	Max	20.00	46.56	29	0.00	21	0.00	29	2477.63	29	-560.36	21	0.00	21	
203	204	-20	Min.	0.00	29.74	21	-0.00	29	0.00	21	784.32	21	-2377.60	29	-0.00	29	
203	204	-20	Min.	20.00	29.74	21	-0.00	29	0.00	21	771.78	21	-1880.82	29	-0.00	29	
204	204	-21	Max	0.00	46.56	29	0.00	29	0.00	21	2490.17	29	-715.97	21	0.00	29	
204	204	-21	Max	20.00	46.56	29	0.00	29	0.00	21	2477.63	29	-560.36	21	0.00	29	
204	204	-21	Min.	0.00	29.74	21	0.00	21	0.00	29	784.32	21	-2377.60	29	0.00	21	
204	204	-21	Min.	20.00	29.74	21	0.00	21	0.00	29	771.77	21	-1880.82	29	0.00	21	
204	-21	-22	Max	0.00	46.56	29	0.00	29	0.00	21	1860.28	29	-560.36	21	0.00	29	
204	-21	-22	Max	133.53	46.56	29	0.00	29	0.00	21	1776.56	29	547.38	29	0.00	29	
204	-21	-22	Min.	0.00	29.74	21	0.00	21	0.00	29	578.51	21	-1880.82	29	0.00	21	
204	-21	-22	Min.	133.53	29.74	21	0.00	21	0.00	29	494.79	21	156.24	21	0.00	21	
204	-22	-23	Max	0.00	46.56	29	0.00	29	0.00	21	656.48	29	547.32	29	0.00	29	
204	-22	-23	Max	133.53	46.56	29	0.00	29	0.00	21	572.76	29	1368.04	29	0.00	29	
204	-22	-23	Min.	0.00	29.74	21	0.00	21	0.00	29	222.88	21	156.23	21	0.00	21	
204	-22	-23	Min.	133.53	29.74	21	0.00	21	0.00	29	139.16	21	397.95	21	0.00	21	
204	-23	-24	Max	0.00	46.56	29	0.00	29	0.00	21	-132.75	21	1368.08	29	0.00	21	
204	-23	-24	Max	133.53	46.56	29	0.00	29	0.00	29	-216.47	21	581.32	29	0.00	21	
204	-23	-24	Min.	0.00	29.74	21	0.00	21	0.00	29	-547.32	29	397.96	21	0.00	29	
204	-23	-24	Min.	133.53	29.74	21	0.00	21	0.00	21	-631.05	29	164.80	21	0.00	29	
204	-24	-25	Max	0.00	46.56	29	0.00	29	0.00	29	-488.38	21	581.34	29	0.00	21	
204	-24	-25	Max	133.53	46.56	29	0.00	29	0.00	29	-572.10	21	-543.24	21	0.00	21	
204	-24	-25	Min.	0.00	29.74	21	0.00	21	0.00	21	-1751.12	29	164.81	21	0.00	29	
204	-24	-25	Min.	133.53	29.74	21	0.00	21	0.00	21	-1834.85	29	-1812.89	29	0.00	29	
204	-25	205	Max	0.00	46.56	29	0.00	29	0.00	29	-844.00	21	-543.22	21	0.00	21	
204	-25	205	Max	45.87	46.56	29	0.00	29	0.00	29	-872.76	21	-936.93	21	0.00	21	
204	-25	205	Min.	0.00	29.74	21	0.00	21	0.00	21	-2954.92	29	-1812.83	29	-0.00	29	
204	-25	205	Min.	45.87	29.74	21	0.00	21	0.00	21	-2983.68	29	-3174.75	29	-0.00	29	
205	205	-26	Max	0.00	-46.99	21	0.00	21	0.00	29	3068.51	29	-1106.51	21	0.00	29	
205	205	-26	Max	87.67	-46.99	21	0.00	21	0.00	29	3013.54	29	-327.00	21	0.00	29	
205	205	-26	Min.	0.00	-212.25	29	0.00	29	0.00	21	916.65	21	-3746.46	29	0.00	21	
205	205	-26	Min.	87.67	-212.25	29	0.00	29	0.00	21	861.69	21	-1080.50	29	0.00	21	
205	-26	-27	Max	0.00	-46.99	21	0.00	21	0.00	29	1893.47	29	-326.97	21	0.00	29	
205	-26	-27	Max	133.53	-46.99	21	0.00	21	0.00	29	1809.74	29	1392.11	29	0.00	29	
205	-26	-27	Min.	0.00	-212.25	29	0.00	29	0.00	21	589.78	21	-1080.40	29	0.00	21	
205	-26	-27	Min.	133.53	-212.25	29	0.00	29	0.00	21	506.06	21	404.69	21	0.00	21	
205	-27	-28	Max	0.00	-46.99	21	0.00	21	0.00	29	689.67	29	1392.05	29	0.00	29	
205	-27	-28	Max	133.53	-46.99	21	0.00	21	0.00	29	605.94	29	2257.09	29	0.00	29	
205	-27	-28	Min.	0.00	-212.25	29	0.00	29	0.00	21	234.16	21	404.67	21	0.00	21	
205	-27	-28	Min.	133.53	-212.25	29	0.00	29	0.00	21	150.43	21	661.44	21	0.00	21	
205	-28	-29	Max	0.00	-46.99	21	0.00	21	0.00	29	-121.47	21	2257.06	29	0.00	21	
205	-28	-29	Max	133.53	-46.99	21	0.00	21	0.00	29	-205.20	21	1514.62	29	0.00	21	
205	-28	-29	Min.	0.00	-212.25	29	0.00	29	0.00	21	-514.13	29	661.44	21	0.00	29	
205	-28	-29	Min.	133.53	-212.25	29	0.00	29	0.00	21	-597.86	29	443.33	21	0.00	29	
205	-29	-30	Max	0.00	-46.99	21	0.00	21	0.00	29	-477.11	21	1514.58	29	0.00	21	
205	-29	-30	Max	133.53	-46.99	21	0.00	21	0.00	29	-560.83	21	-249.68	21	0.00	21	
205	-29	-30	Min.	0.00	-212.25	29	0.00	29	0.00	21	-1717.94	29	443.32	21	0.00	29	
205	-29	-30	Min.	133.53	-212.25	29	0.00	29	0.00	21	-1801.66	29	-835.34	29	0.00	29	
205	-30	-31	Max	0.00	-46.99	21	0.00	21	0.00	29	-832.73	21	-249.66	21	0.00	21	
205	-30	-31	Max	88.20	-46.99	21	0.00	21	0.00	29	-888.03	21	-1008.51	21	0.00	21	
205	-30	-31	Min.	0.00	-212.25	29	0.00	29	0.00	21	-2921.74	29	-835.28	29	-0.00	29	
205	-30	-31	Min.	88.20	-212.25	29	0.00	29	0.00	21	-2977.04	29	-3436.64	29	-0.00	29	
206	-31	-32	Max	0.00	192.51	29	0.00	21	0.00	29	2559.94	29	-735.93	21	0.00	29	
206	-31	-32	Max	45.33	192.51	29	0.00	21	0.00	29	2531.52	29	-408.25	21	0.00	29	
206	-31	-32	Min.	0.00	76.43	21	0.00	29	0.00	21	737.03	21	-2542.05	29	0.00	21	
206	-31	-32	Min.	45.33	76.43	21	0.00	29	0.00	21	708.61	21	-1387.98	29	0.00	21	
206	-32	-33	Max	0.00	192.51	29	0.00	21	0.00	29	1411.44	29	-408.28	21	0.00	29	
206	-32	-33	Max	133.53	192.51	29	0.00	21	0.00	29	1327.72	29	440.78	29	0.00	29	
206	-32	-33	Min.	0.00	76.43	21	0.00	29	0.00	21	436.71	21	-1388.07	29	0.00	21	

206	-32	-33	Min.	133.53	76.43	21	0.00	29	0.00	21	352.98	21	118.97	21	0.00	21
206	-33	-34	Max	0.00	192.51	29	0.00	21	0.00	29	207.64	29	440.86	29	0.00	21
206	-33	-34	Max	129.31									171.41	21		
206	-33	-34	Max	133.53	192.51	29	0.00	21	0.00	29	123.91	29	662.23	29	0.00	21
206	-33	-34	Min.	0.00	76.43	21	0.00	29	0.00	21	81.07	21	119.00	21	0.00	29
206	-33	-34	Min.	129.31									171.41	21		
206	-33	-34	Min.	133.53	76.43	21	0.00	29	0.00	21	-2.65	21	171.36	21	0.00	29
206	-34	-35	Max	0.00	192.51	29	0.00	21	0.00	29	-274.55	21	662.22	29	0.00	21
206	-34	-35	Max	133.53	192.51	29	0.00	21	0.00	29	-358.28	21	-251.16	21	0.00	21
206	-34	-35	Min.	0.00	76.43	21	0.00	29	0.00	21	-996.16	29	171.36	21	0.00	29
206	-34	-35	Min.	133.53	76.43	21	0.00	29	0.00	21	-1079.89	29	-723.89	29	0.00	29
206	-35	-36	Max	0.00	192.51	29	0.00	21	0.00	29	-630.18	21	-251.15	21	0.00	21
206	-35	-36	Max	54.07	192.51	29	0.00	21	0.00	21	-664.08	21	-601.04	21	0.00	21
206	-35	-36	Min.	0.00	76.43	21	0.00	29	0.00	21	-2199.96	29	-723.85	29	-0.00	29
206	-35	-36	Min.	54.07	76.43	21	0.00	29	0.00	29	-2233.86	29	-1922.46	29	-0.00	29
206	-36	-37	Max	0.00	0.00	17	0.00	17	0.00	17	1870.97	29	-769.97	21	0.00	29
206	-36	-37	Max	79.47	0.00	17	0.00	17	0.00	17	1821.15	29	-313.98	21	0.00	29
206	-36	-37	Min.	0.00	0.00	17	0.00	17	0.00	17	598.72	21	-2347.31	29	0.00	21
206	-36	-37	Min.	79.47	0.00	17	0.00	17	0.00	17	548.89	21	-880.30	29	0.00	21
206	-37	-38	Max	0.00	0.00	17	0.00	17	0.00	17	701.07	29	-313.96	21	0.00	29
206	-37	-38	Max	133.53	0.00	17	0.00	17	0.00	17	617.35	29	0.02	29	0.00	29
206	-37	-38	Min.	0.00	0.00	17	0.00	17	0.00	17	276.99	21	-880.24	29	0.00	21
206	-37	-38	Min.	133.53	0.00	17	0.00	17	0.00	17	193.26	21	0.01	21	0.00	21
301	-3	-60	Max	0.00	0.00	17	0.00	17	0.00	17	308.68	29	-83.49	21	0.00	17
301	-3	-60	Max	150.00	0.00	17	0.00	17	0.00	17	93.87	29	0.00	21	0.00	17
301	-3	-60	Min.	0.00	0.00	17	0.00	17	0.00	17	96.63	21	-301.91	29	0.00	17
301	-3	-60	Min.	150.00	0.00	17	0.00	17	0.00	17	14.68	21	0.00	28	0.00	17
301	-59	-3	Max	0.00	0.00	17	0.00	17	0.00	17	-14.68	21	0.00	21	0.00	17
301	-59	-3	Max	150.00	0.00	17	0.00	17	0.00	17	-96.63	21	-83.49	21	0.00	17
301	-59	-3	Min.	0.00	0.00	17	0.00	17	0.00	17	-93.87	29	0.00	29	0.00	17
301	-59	-3	Min.	150.00	0.00	17	0.00	17	0.00	17	-308.68	29	-301.91	29	0.00	17
302	-4	-47	Max	0.00	0.00	17	0.00	17	0.00	17	560.04	29	-123.99	21	0.00	17
302	-4	-47	Max	150.00	0.00	17	0.00	17	0.00	17	187.74	29	0.00	17	0.00	17
302	-4	-47	Min.	0.00	0.00	17	0.00	17	0.00	17	135.95	21	-560.83	29	0.00	17
302	-4	-47	Min.	150.00	0.00	17	0.00	17	0.00	17	29.37	21	0.00	21	0.00	17
302	-46	-4	Max	0.00	0.00	17	0.00	17	0.00	17	-29.37	21	0.00	29	0.00	17
302	-46	-4	Max	150.00	0.00	17	0.00	17	0.00	17	-135.95	21	-123.99	21	0.00	17
302	-46	-4	Min.	0.00	0.00	17	0.00	17	0.00	17	-187.74	29	0.00	21	0.00	17
302	-46	-4	Min.	150.00	0.00	17	0.00	17	0.00	17	-560.04	29	-560.83	29	0.00	17
303	-6	-48	Max	0.00	0.00	17	0.00	17	0.00	17	560.04	29	-123.99	21	0.00	17
303	-6	-48	Max	150.00	0.00	17	0.00	17	0.00	17	187.74	29	0.00	17	0.00	17
303	-6	-48	Min.	0.00	0.00	17	0.00	17	0.00	17	135.95	21	-560.83	29	0.00	17
303	-6	-48	Min.	150.00	0.00	17	0.00	17	0.00	17	29.37	21	0.00	21	0.00	17
303	-49	-6	Max	0.00	0.00	17	0.00	17	0.00	17	-29.37	21	0.00	28	0.00	17
303	-49	-6	Max	150.00	0.00	17	0.00	17	0.00	17	-135.95	21	-123.99	21	0.00	17
303	-49	-6	Min.	0.00	0.00	17	0.00	17	0.00	17	-187.74	29	0.00	17	0.00	17
303	-49	-6	Min.	150.00	0.00	17	0.00	17	0.00	17	-560.04	29	-560.83	29	0.00	17
304	-7	-96	Max	0.00	0.00	17	0.00	17	0.00	17	560.04	29	-123.99	21	0.00	17
304	-7	-96	Max	150.00	0.00	17	0.00	17	0.00	17	187.74	29	0.00	17	0.00	17
304	-7	-96	Min.	0.00	0.00	17	0.00	17	0.00	17	135.95	21	-560.83	29	0.00	17
304	-7	-96	Min.	150.00	0.00	17	0.00	17	0.00	17	29.37	21	0.00	28	0.00	17
304	-95	-7	Max	0.00	0.00	17	0.00	17	0.00	17	-29.37	21	0.00	22	0.00	17
304	-95	-7	Max	150.00	0.00	17	0.00	17	0.00	17	-135.95	21	-123.99	21	0.00	17
304	-95	-7	Min.	0.00	0.00	17	0.00	17	0.00	17	-187.74	29	0.00	28	0.00	17
304	-95	-7	Min.	150.00	0.00	17	0.00	17	0.00	17	-560.04	29	-560.83	29	0.00	17
305	-8	-66	Max	0.00	0.00	17	0.00	17	0.00	17	560.04	29	-123.99	21	0.00	17
305	-8	-66	Max	150.00	0.00	17	0.00	17	0.00	17	187.74	29	0.00	17	0.00	17
305	-8	-66	Min.	0.00	0.00	17	0.00	17	0.00	17	135.95	21	-560.83	29	0.00	17
305	-8	-66	Min.	150.00	0.00	17	0.00	17	0.00	17	29.37	21	0.00	29	0.00	17
305	-67	-8	Max	0.00	0.00	17	0.00	17	0.00	17	-29.37	21	0.00	29	0.00	17
305	-67	-8	Max	150.00	0.00	17	0.00	17	0.00	17	-135.95	21	-123.99	21	0.00	17
305	-67	-8	Min.	0.00	0.00	17	0.00	17	0.00	17	-187.74	29	0.00	21	0.00	17
305	-67	-8	Min.	150.00	0.00	17	0.00	17	0.00	17	-560.04	29	-560.83	29	0.00	17
306	-9	-69	Max	0.00	0.00	17	0.00	17	0.00	17	560.04	29	-123.99	21	0.00	17
306	-9	-69	Max	150.00	0.00	17	0.00	17	0.00	17	187.74	29	0.00	17	0.00	17
306	-9	-69	Min.	0.00	0.00	17	0.00	17	0.00	17	135.95	21	-560.83	29	0.00	17
306	-9	-69	Min.	150.00	0.00	17	0.00	17	0.00	17	29.37	21	0.00	29	0.00	17
306	-68	-9	Max	0.00	0.00	17	0.00	17	0.00	17	-29.37	21	0.00	21	0.00	17
306	-68	-9	Max	150.00	0.00	17	0.00	17	0.00	17	-135.95	21	-123.99	21	0.00	17
306	-68	-9	Min.	0.00	0.00	17	0.00	17	0.00	17	-187.74	29	0.00	29	0.00	17
306	-68	-9	Min.	150.00	0.00	17	0.00	17	0.00	17	-560.04	29	-560.83	29	0.00	17
307	-11	-70	Max	0.00	0.00	17	0.00	17	0.00	17	560.04	29	-123.99	21	0.00	17
307	-11	-70	Max	150.00	0.00	17	0.00	17	0.00	17	187.74	29	0.00	17	0.00	17
307	-11	-70	Min.	0.00	0.00	17	0.00	17	0.00	17	135.95	21	-560.83	29	0.00	17
307	-11	-70	Min.	150.00	0.00	17	0.00	17	0.00	17	29.37	21	0.00	29	0.00	17
307	-71	-11	Max	0.00	0.00	17	0.00	17	0.00	17	-29.37	21	0.00	21	0.00	17
307	-71	-11	Max	150.00	0.00	17	0.00	17	0.00	17	-135.95	21	-123.99	21	0.00	17
307	-71	-11	Min.	0.00	0.00	17	0.00	17	0.00	17	-187.74	29	0.00	28	0.00	17
307	-71	-11	Min.	150.00	0.00	17	0.00	17	0.00	17	-560.04	29	-560.83	29	0.00	17
308	-12	-72	Max	0.00	0.00	17	0.00	17	0.00	17	560.04	29	-123.99	21	0.00	17
308	-12	-72	Max	150.00	0.00	17	0.00	17	0.00	17	187.74	29	0.00	17	0.00	17
308	-12	-72	Min.	0.00	0.00	17	0.00	17	0.00	17	135.95	21	-560.83	29	0.00	17
308	-12	-72	Min.	150.00	0.00	17	0.00	17	0.00	17	29.37	21	0.00	29	0.00	17
308	-73	-12	Max	0.00	0.00	17	0.00	17	0.00	17	-29.37	21	0.00	28	0.00	17
308	-73	-12	Max	150.00	0.00	17	0.00	17	0.00	17	-135.95	21	-123.99	21	0.00	17
308	-73	-12	Min.	0.00	0.00	17	0.00	17	0.00	17	-187.74	29	0.00	22	0.00	17
308	-73	-12	Min.	150.00	0.00	17	0.00	17	0.00	17	-560.04	29	-560.83	29	0.00	17
309	-13	-74	Max	0.00	0.00	17	0.00	17	0.00	17	560.04	29	-123.99	21	0.00	17
309	-13	-74	Max	150.00	0.00	17	0.00	17	0.00	17	187.74	29	0.00	17	0.00	17
309	-13	-74	Min.	0.00	0.00	17	0.00	17	0.00	17	135.95	21	-560.83	29	0.00	17
309	-13	-74	Min.	150.00	0.00	17	0.00	17	0.00	17	29.37	21	0.00	29	0.00	17
309	-75	-13	Max	0.00	0.00	17	0.00	17	0.00	17	-29.37	21	0.00	29	0.00	17
309	-75	-13	Max	150.00	0.00	17	0.00	17	0.00	17	-135.95	21	-123.99	21	0.00	17
309	-75	-13	Min.	0.00	0.00	17	0.00	17	0.00	17	-187.74	29	0.00	21	0.00	17
309	-75	-13	Min.	150.00	0.00	17	0.00	17	0.00	17	-560.04	29	-560.83	29	0.00	17
310	-14	-90	Max	0.00	0.00	17	0.00	17	0.00	17	560.04	29	-123.99	21	0.00	17
310	-14	-90	Max	150.00	0.00	17	0.00	17	0.00	17	187.74	29	0.00	17	0.00	17
310	-14	-90	Min.	0.00	0.00	17	0.00	17	0.00	17	135.95	21	-560.83	29	0.00	17
310	-14	-90	Min.	150.00	0.00	17	0.00	17	0.00	17	29.37	21	0.00	29	0.00	17
310	-91	-14	Max	0.00	0.00	17	0.00	17	0.00	17	-29.37	21	0.00	28	0.00	17
310	-91	-14	Max	150.00	0.00	17	0.00	17	0.00	17	-135.95	21	-123.99	21	0.00	17

310	-91	-14	Min.	0.00	0.00	17	0.00	17	0.00	17	-187.74	29	0.00	22	0.00	17
310	-91	-14	Min.	150.00	0.00	17	0.00	17	0.00	17	-560.04	29	-560.83	29	0.00	17
311	-15	-92	Max	0.00	0.00	17	0.00	17	0.00	17	560.04	29	-123.99	21	0.00	17
311	-15	-92	Max	150.00	0.00	17	0.00	17	0.00	17	187.74	29	0.00	17	0.00	17
311	-15	-92	Min.	0.00	0.00	17	0.00	17	0.00	17	135.95	21	-560.83	29	0.00	17
311	-15	-92	Min.	150.00	0.00	17	0.00	17	0.00	17	29.37	21	0.00	29	0.00	17
311	-93	-15	Max	0.00	0.00	17	0.00	17	0.00	17	-29.37	21	0.00	29	0.00	17
311	-93	-15	Max	150.00	0.00	17	0.00	17	0.00	17	-135.95	21	-123.99	21	0.00	17
311	-93	-15	Min.	0.00	0.00	17	0.00	17	0.00	17	-187.74	29	0.00	21	0.00	17
311	-93	-15	Min.	150.00	0.00	17	0.00	17	0.00	17	-560.04	29	-560.83	29	0.00	17
312	-16	-98	Max	0.00	0.00	17	0.00	17	0.00	17	560.04	29	-123.99	21	0.00	17
312	-16	-98	Max	150.00	0.00	17	0.00	17	0.00	17	187.74	29	0.00	17	0.00	17
312	-16	-98	Min.	0.00	0.00	17	0.00	17	0.00	17	135.95	21	-560.83	29	0.00	17
312	-16	-98	Min.	150.00	0.00	17	0.00	17	0.00	17	29.37	21	0.00	28	0.00	17
312	-94	-16	Max	0.00	0.00	17	0.00	17	0.00	17	-29.37	21	0.00	21	0.00	17
312	-94	-16	Max	150.00	0.00	17	0.00	17	0.00	17	-135.95	21	-123.99	21	0.00	17
312	-94	-16	Min.	0.00	0.00	17	0.00	17	0.00	17	-187.74	29	0.00	29	0.00	17
312	-94	-16	Min.	150.00	0.00	17	0.00	17	0.00	17	-560.04	29	-560.83	29	0.00	17
313	-17	-97	Max	0.00	0.00	17	0.00	17	0.00	17	560.04	29	-123.99	21	0.00	17
313	-17	-97	Max	150.00	0.00	17	0.00	17	0.00	17	187.74	29	0.00	17	0.00	17
313	-17	-97	Min.	0.00	0.00	17	0.00	17	0.00	17	135.95	21	-560.83	29	0.00	17
313	-17	-97	Min.	150.00	0.00	17	0.00	17	0.00	17	29.37	21	0.00	28	0.00	17
313	-42	-17	Max	0.00	0.00	17	0.00	17	0.00	17	-29.37	21	0.00	21	0.00	17
313	-42	-17	Max	150.00	0.00	17	0.00	17	0.00	17	-135.95	21	-123.99	21	0.00	17
313	-42	-17	Min.	0.00	0.00	17	0.00	17	0.00	17	-187.74	29	0.00	29	0.00	17
313	-42	-17	Min.	150.00	0.00	17	0.00	17	0.00	17	-560.04	29	-560.83	29	0.00	17
314	-18	-43	Max	0.00	0.00	17	0.00	17	0.00	17	560.04	29	-123.99	21	0.00	17
314	-18	-43	Max	150.00	0.00	17	0.00	17	0.00	17	187.74	29	0.00	17	0.00	17
314	-18	-43	Min.	0.00	0.00	17	0.00	17	0.00	17	135.95	21	-560.83	29	0.00	17
314	-18	-43	Min.	150.00	0.00	17	0.00	17	0.00	17	29.37	21	0.00	28	0.00	17
314	-44	-18	Max	0.00	0.00	17	0.00	17	0.00	17	-29.37	21	0.00	28	0.00	17
314	-44	-18	Max	150.00	0.00	17	0.00	17	0.00	17	-135.95	21	-123.99	21	0.00	17
314	-44	-18	Min.	0.00	0.00	17	0.00	17	0.00	17	-187.74	29	0.00	21	0.00	17
314	-44	-18	Min.	150.00	0.00	17	0.00	17	0.00	17	-560.04	29	-560.83	29	0.00	17
315	-19	-45	Max	0.00	0.00	17	0.00	17	0.00	17	560.04	29	-123.99	21	0.00	17
315	-19	-45	Max	150.00	0.00	17	0.00	17	0.00	17	187.74	29	0.00	17	0.00	17
315	-19	-45	Min.	0.00	0.00	17	0.00	17	0.00	17	135.95	21	-560.83	29	0.00	17
315	-19	-45	Min.	150.00	0.00	17	0.00	17	0.00	17	29.37	21	0.00	28	0.00	17
315	-58	-19	Max	0.00	0.00	17	0.00	17	0.00	17	-29.37	21	0.00	29	0.00	17
315	-58	-19	Max	150.00	0.00	17	0.00	17	0.00	17	-135.95	21	-123.99	21	0.00	17
315	-58	-19	Min.	0.00	0.00	17	0.00	17	0.00	17	-187.74	29	0.00	21	0.00	17
315	-58	-19	Min.	150.00	0.00	17	0.00	17	0.00	17	-560.04	29	-560.83	29	0.00	17
316	-20	-63	Max	0.00	0.00	17	0.00	17	0.00	17	308.68	29	-83.49	21	0.00	17
316	-20	-63	Max	150.00	0.00	17	0.00	17	0.00	17	93.87	29	0.00	21	0.00	17
316	-20	-63	Min.	0.00	0.00	17	0.00	17	0.00	17	96.63	21	-301.91	29	0.00	17
316	-20	-63	Min.	150.00	0.00	17	0.00	17	0.00	17	14.68	21	0.00	29	0.00	17
316	-65	-20	Max	0.00	0.00	17	0.00	17	0.00	17	-14.68	21	0.00	28	0.00	17
316	-65	-20	Max	150.00	0.00	17	0.00	17	0.00	17	-96.63	21	-83.49	21	0.00	17
316	-65	-20	Min.	0.00	0.00	17	0.00	17	0.00	17	-93.87	29	0.00	21	0.00	17
316	-65	-20	Min.	150.00	0.00	17	0.00	17	0.00	17	-308.68	29	-301.91	29	0.00	17
317	-21	-51	Max	0.00	0.00	17	0.00	17	0.00	17	308.68	29	-83.49	21	0.00	17
317	-21	-51	Max	150.00	0.00	17	0.00	17	0.00	17	93.87	29	0.00	21	0.00	17
317	-21	-51	Min.	0.00	0.00	17	0.00	17	0.00	17	96.63	21	-301.91	29	0.00	17
317	-21	-51	Min.	150.00	0.00	17	0.00	17	0.00	17	14.68	21	0.00	28	0.00	17
317	-50	-21	Max	0.00	0.00	17	0.00	17	0.00	17	-14.68	21	0.00	17	0.00	17
317	-50	-21	Max	150.00	0.00	17	0.00	17	0.00	17	-96.63	21	-83.49	21	0.00	17
317	-50	-21	Min.	0.00	0.00	17	0.00	17	0.00	17	-93.87	29	0.00	21	0.00	17
317	-50	-21	Min.	150.00	0.00	17	0.00	17	0.00	17	-308.68	29	-301.91	29	0.00	17
318	-22	-53	Max	0.00	0.00	17	0.00	17	0.00	17	560.04	29	-123.99	21	0.00	17
318	-22	-53	Max	150.00	0.00	17	0.00	17	0.00	17	187.74	29	0.00	17	0.00	17
318	-22	-53	Min.	0.00	0.00	17	0.00	17	0.00	17	135.95	21	-560.83	29	0.00	17
318	-22	-53	Min.	150.00	0.00	17	0.00	17	0.00	17	29.37	21	0.00	28	0.00	17
318	-52	-22	Max	0.00	0.00	17	0.00	17	0.00	17	-29.37	21	0.00	17	0.00	17
318	-52	-22	Max	150.00	0.00	17	0.00	17	0.00	17	-135.95	21	-123.99	21	0.00	17
318	-52	-22	Min.	0.00	0.00	17	0.00	17	0.00	17	-187.74	29	0.00	21	0.00	17
318	-52	-22	Min.	150.00	0.00	17	0.00	17	0.00	17	-560.04	29	-560.83	29	0.00	17
319	-23	-55	Max	0.00	0.00	17	0.00	17	0.00	17	560.04	29	-123.99	21	0.00	17
319	-23	-55	Max	150.00	0.00	17	0.00	17	0.00	17	187.74	29	0.00	17	0.00	17
319	-23	-55	Min.	0.00	0.00	17	0.00	17	0.00	17	135.95	21	-560.83	29	0.00	17
319	-23	-55	Min.	150.00	0.00	17	0.00	17	0.00	17	29.37	21	0.00	28	0.00	17
319	-54	-23	Max	0.00	0.00	17	0.00	17	0.00	17	-29.37	21	0.00	29	0.00	17
319	-54	-23	Max	150.00	0.00	17	0.00	17	0.00	17	-135.95	21	-123.99	21	0.00	17
319	-54	-23	Min.	0.00	0.00	17	0.00	17	0.00	17	-187.74	29	0.00	21	0.00	17
319	-54	-23	Min.	150.00	0.00	17	0.00	17	0.00	17	-560.04	29	-560.83	29	0.00	17
320	-24	-57	Max	0.00	0.00	17	0.00	17	0.00	17	560.04	29	-123.99	21	0.00	17
320	-24	-57	Max	150.00	0.00	17	0.00	17	0.00	17	187.74	29	0.00	17	0.00	17
320	-24	-57	Min.	0.00	0.00	17	0.00	17	0.00	17	135.95	21	-560.83	29	0.00	17
320	-24	-57	Min.	150.00	0.00	17	0.00	17	0.00	17	29.37	21	0.00	21	0.00	17
320	-56	-24	Max	0.00	0.00	17	0.00	17	0.00	17	-29.37	21	0.00	28	0.00	17
320	-56	-24	Max	150.00	0.00	17	0.00	17	0.00	17	-135.95	21	-123.99	21	0.00	17
320	-56	-24	Min.	0.00	0.00	17	0.00	17	0.00	17	-187.74	29	0.00	22	0.00	17
320	-56	-24	Min.	150.00	0.00	17	0.00	17	0.00	17	-560.04	29	-560.83	29	0.00	17
322	-25	-41	Max	0.00	0.00	17	0.00	17	0.00	17	560.04	29	-123.99	21	0.00	17
322	-25	-41	Max	150.00	0.00	17	0.00	17	0.00	17	187.74	29	0.00	17	0.00	17
322	-25	-41	Min.	0.00	0.00	17	0.00	17	0.00	17	135.95	21	-560.83	29	0.00	17
322	-25	-41	Min.	150.00	0.00	17	0.00	17	0.00	17	29.37	21	0.00	21	0.00	17
322	-64	-25	Max	0.00	0.00	17	0.00	17	0.00	17	-29.37	21	0.00	28	0.00	17
322	-64	-25	Max	150.00	0.00	17	0.00	17	0.00	17	-135.95	21	-123.99	21	0.00	17
322	-64	-25	Min.	0.00	0.00	17	0.00	17	0.00	17	-187.74	29	0.00	17	0.00	17
322	-64	-25	Min.	150.00	0.00	17	0.00	17	0.00	17	-560.04	29	-560.83	29	0.00	17
323	-26	-77	Max	0.00	0.00	17	0.00	17	0.00	17	560.04	29	-123.99	21	0.00	17
323	-26	-77	Max	150.00	0.00	17	0.00	17	0.00	17	187.74	29	0.00	17	0.00	17
323	-26	-77	Min.	0.00	0.00	17	0.00	17	0.00	17	135.95	21	-560.83	29	0.00	17
323	-26	-77	Min.	150.00	0.00	17	0.00	17	0.00	17	29.37	21	0.00	28	0.00	17
323	-76	-26	Max	0.00	0.00	17	0.00	17	0.00	17	-29.37	21	0.00	21	0.00	17
323	-76	-26	Max	150.00	0.00	17	0.00	17	0.00	17	-135.95	21	-123.99	21	0.00	17
323	-76	-26	Min.	0.00	0.00	17	0.00	17	0.00	17	-187.74	29	0.00	28	0.00	17
323	-76	-26	Min.	150.00	0.00	17	0.00	17	0.00	17	-560.04	29	-560.83	29	0.00	17
324	-27	-79	Max	0.00	0.00	17	0.00	17	0.00	17	560.04	29	-123.99	21	0.00	17
324	-27	-79	Max	150.00	0.00	17	0.00	17	0.00	17	187.74	29	0.00	17	0.00	17
324	-27	-79	Min.	0.00	0.00	17	0.00	17	0.00	17	135.95	21	-560.83	29	0.00	17

324	-27	-79	Min.	150.00	0.00	17	0.00	17	0.00	17	29.37	21	0.00	28	0.00	17
324	-78	-27	Max	0.00	0.00	17	0.00	17	0.00	17	-29.37	21	0.00	21	0.00	17
324	-78	-27	Max	150.00	0.00	17	0.00	17	0.00	17	-135.95	21	-123.99	21	0.00	17
324	-78	-27	Min.	0.00	0.00	17	0.00	17	0.00	17	-187.74	29	0.00	17	0.00	17
324	-78	-27	Min.	150.00	0.00	17	0.00	17	0.00	17	-560.04	29	-560.83	29	0.00	17
325	-28	-81	Max	0.00	0.00	17	0.00	17	0.00	17	560.04	29	-123.99	21	0.00	17
325	-28	-81	Max	150.00	0.00	17	0.00	17	0.00	17	187.74	29	0.00	17	0.00	17
325	-28	-81	Min.	0.00	0.00	17	0.00	17	0.00	17	135.95	21	-560.83	29	0.00	17
325	-28	-81	Min.	150.00	0.00	17	0.00	17	0.00	17	29.37	21	0.00	28	0.00	17
325	-80	-28	Max	0.00	0.00	17	0.00	17	0.00	17	-29.37	21	0.00	28	0.00	17
325	-80	-28	Max	150.00	0.00	17	0.00	17	0.00	17	-135.95	21	-123.99	21	0.00	17
325	-80	-28	Min.	0.00	0.00	17	0.00	17	0.00	17	-187.74	29	0.00	22	0.00	17
325	-80	-28	Min.	150.00	0.00	17	0.00	17	0.00	17	-560.04	29	-560.83	29	0.00	17
326	-29	-83	Max	0.00	0.00	17	0.00	17	0.00	17	560.04	29	-123.99	21	0.00	17
326	-29	-83	Max	150.00	0.00	17	0.00	17	0.00	17	187.74	29	0.00	17	0.00	17
326	-29	-83	Min.	0.00	0.00	17	0.00	17	0.00	17	135.95	21	-560.83	29	0.00	17
326	-29	-83	Min.	150.00	0.00	17	0.00	17	0.00	17	29.37	21	0.00	21	0.00	17
326	-82	-29	Max	0.00	0.00	17	0.00	17	0.00	17	-29.37	21	0.00	28	0.00	17
326	-82	-29	Max	150.00	0.00	17	0.00	17	0.00	17	-135.95	21	-123.99	21	0.00	17
326	-82	-29	Min.	0.00	0.00	17	0.00	17	0.00	17	-187.74	29	0.00	22	0.00	17
326	-82	-29	Min.	150.00	0.00	17	0.00	17	0.00	17	-560.04	29	-560.83	29	0.00	17
327	-30	-85	Max	0.00	0.00	17	0.00	17	0.00	17	560.04	29	-123.99	21	0.00	17
327	-30	-85	Max	150.00	0.00	17	0.00	17	0.00	17	187.74	29	0.00	17	0.00	17
327	-30	-85	Min.	0.00	0.00	17	0.00	17	0.00	17	135.95	21	-560.83	29	0.00	17
327	-30	-85	Min.	150.00	0.00	17	0.00	17	0.00	17	29.37	21	0.00	28	0.00	17
327	-84	-30	Max	0.00	0.00	17	0.00	17	0.00	17	-29.37	21	0.00	17	0.00	17
327	-84	-30	Max	150.00	0.00	17	0.00	17	0.00	17	-135.95	21	-123.99	21	0.00	17
327	-84	-30	Min.	0.00	0.00	17	0.00	17	0.00	17	-187.74	29	0.00	28	0.00	17
327	-84	-30	Min.	150.00	0.00	17	0.00	17	0.00	17	-560.04	29	-560.83	29	0.00	17
329	-32	-86	Max	0.00	0.00	17	0.00	17	0.00	17	560.04	29	-123.99	21	0.00	17
329	-32	-86	Max	150.00	0.00	17	0.00	17	0.00	17	187.74	29	0.00	17	0.00	17
329	-32	-86	Min.	0.00	0.00	17	0.00	17	0.00	17	135.95	21	-560.83	29	0.00	17
329	-32	-86	Min.	150.00	0.00	17	0.00	17	0.00	17	29.37	21	0.00	28	0.00	17
329	-87	-32	Max	0.00	0.00	17	0.00	17	0.00	17	-29.37	21	0.00	22	0.00	17
329	-87	-32	Max	150.00	0.00	17	0.00	17	0.00	17	-135.95	21	-123.99	21	0.00	17
329	-87	-32	Min.	0.00	0.00	17	0.00	17	0.00	17	-187.74	29	0.00	28	0.00	17
329	-87	-32	Min.	150.00	0.00	17	0.00	17	0.00	17	-560.04	29	-560.83	29	0.00	17
330	-33	-89	Max	0.00	0.00	17	0.00	17	0.00	17	560.04	29	-123.99	21	0.00	17
330	-33	-89	Max	150.00	0.00	17	0.00	17	0.00	17	187.74	29	0.00	22	0.00	17
330	-33	-89	Min.	0.00	0.00	17	0.00	17	0.00	17	135.95	21	-560.83	29	0.00	17
330	-33	-89	Min.	150.00	0.00	17	0.00	17	0.00	17	29.37	21	0.00	28	0.00	17
330	-88	-33	Max	0.00	0.00	17	0.00	17	0.00	17	-29.37	21	0.00	21	0.00	17
330	-88	-33	Max	150.00	0.00	17	0.00	17	0.00	17	-135.95	21	-123.99	21	0.00	17
330	-88	-33	Min.	0.00	0.00	17	0.00	17	0.00	17	-187.74	29	0.00	29	0.00	17
330	-88	-33	Min.	150.00	0.00	17	0.00	17	0.00	17	-560.04	29	-560.83	29	0.00	17
331	-34	-61	Max	0.00	0.00	17	0.00	17	0.00	17	560.04	29	-123.99	21	0.00	17
331	-34	-61	Max	150.00	0.00	17	0.00	17	0.00	17	187.74	29	0.00	22	0.00	17
331	-34	-61	Min.	0.00	0.00	17	0.00	17	0.00	17	135.95	21	-560.83	29	0.00	17
331	-34	-61	Min.	150.00	0.00	17	0.00	17	0.00	17	29.37	21	0.00	28	0.00	17
331	-62	-34	Max	0.00	0.00	17	0.00	17	0.00	17	-29.37	21	0.00	21	0.00	17
331	-62	-34	Max	150.00	0.00	17	0.00	17	0.00	17	-135.95	21	-123.99	21	0.00	17
331	-62	-34	Min.	0.00	0.00	17	0.00	17	0.00	17	-187.74	29	0.00	17	0.00	17
331	-62	-34	Min.	150.00	0.00	17	0.00	17	0.00	17	-560.04	29	-560.83	29	0.00	17
332	-35	-102	Max	0.00	0.00	17	0.00	17	0.00	17	560.04	29	-123.99	21	0.00	17
332	-35	-102	Max	150.00	0.00	17	0.00	17	0.00	17	187.74	29	0.00	17	0.00	17
332	-35	-102	Min.	0.00	0.00	17	0.00	17	0.00	17	135.95	21	-560.83	29	0.00	17
332	-35	-102	Min.	150.00	0.00	17	0.00	17	0.00	17	29.37	21	0.00	28	0.00	17
332	-101	-35	Max	0.00	0.00	17	0.00	17	0.00	17	-29.37	21	0.00	28	0.00	17
332	-101	-35	Max	150.00	0.00	17	0.00	17	0.00	17	-135.95	21	-123.99	21	0.00	17
332	-101	-35	Min.	0.00	0.00	17	0.00	17	0.00	17	-187.74	29	0.00	17	0.00	17
332	-101	-35	Min.	150.00	0.00	17	0.00	17	0.00	17	-560.04	29	-560.83	29	0.00	17
333	-37	-103	Max	0.00	0.00	17	0.00	17	0.00	17	560.04	29	-123.99	21	0.00	17
333	-37	-103	Max	150.00	0.00	17	0.00	17	0.00	17	187.74	29	0.00	22	0.00	17
333	-37	-103	Min.	0.00	0.00	17	0.00	17	0.00	17	135.95	21	-560.83	29	0.00	17
333	-37	-103	Min.	150.00	0.00	17	0.00	17	0.00	17	29.37	21	0.00	28	0.00	17
333	-104	-37	Max	0.00	0.00	17	0.00	17	0.00	17	-29.37	21	0.00	22	0.00	17
333	-104	-37	Max	150.00	0.00	17	0.00	17	0.00	17	-135.95	21	-123.99	21	0.00	17
333	-104	-37	Min.	0.00	0.00	17	0.00	17	0.00	17	-187.74	29	0.00	28	0.00	17
333	-104	-37	Min.	150.00	0.00	17	0.00	17	0.00	17	-560.04	29	-560.83	29	0.00	17
334	-38	-99	Max	0.00	0.00	17	0.00	17	0.00	17	308.67	29	-83.49	21	0.00	17
334	-38	-99	Max	150.00	0.00	17	0.00	17	0.00	17	93.87	29	0.00	21	0.00	17
334	-38	-99	Min.	0.00	0.00	17	0.00	17	0.00	17	96.63	21	-301.91	29	0.00	17
334	-38	-99	Min.	150.00	0.00	17	0.00	17	0.00	17	14.68	21	0.00	29	0.00	17
334	-100	-38	Max	0.00	0.00	17	0.00	17	0.00	17	-14.68	21	0.00	29	0.00	17
334	-100	-38	Max	150.00	0.00	17	0.00	17	0.00	17	-96.63	21	-83.49	21	0.00	17
334	-100	-38	Min.	0.00	0.00	17	0.00	17	0.00	17	-93.87	29	0.00	21	0.00	17
334	-100	-38	Min.	150.00	0.00	17	0.00	17	0.00	17	-308.68	29	-301.91	29	0.00	17

Tipo di combinazione di carico: SLE R

Asta	N1	N2		X <cm>	N <daN>	CC	Ty <daN>	CC	Mz <daNm>	CC	Tz <daN>	CC	My <daNm>	CC	Mx <daNm>	CC
1	1	-5	Max	0.00	-1106.57	23	-56.58	23	146.46	31	0.00	23	0.00	23	0.00	23
1	1	-5	Max	330.00	-917.33	23	-56.58	23	-125.06	23	0.00	23	0.00	23	0.00	23
1	1	-5	Min.	0.00	-3001.26	31	-133.97	31	61.65	23	0.00	31	-0.00	31	0.00	31
1	1	-5	Min.	330.00	-2812.02	31	-133.97	31	-295.63	31	0.00	31	-0.00	31	0.00	31
2	2	-10	Max	0.00	-1364.89	23	277.14	31	-97.77	23	0.00	31	0.00	23	0.00	23
2	2	-10	Max	330.00	-1175.65	23	277.14	31	612.51	31	0.00	31	0.00	23	0.00	23
2	2	-10	Min.	0.00	-3972.83	31	89.58	23	-302.06	31	0.00	23	-0.00	31	0.00	31
2	2	-10	Min.	330.00	-3783.59	31	89.58	23	197.84	23	0.00	23	-0.00	31	0.00	31
3	3	203	Max	0.00	-1484.64	23	-55.56	23	193.13	31	0.00	23	0.00	23	0.00	31
3	3	203	Max	330.00	-1295.40	23	-55.56	23	-122.77	23	0.00	23	0.00	23	0.00	31
3	3	203	Min.	0.00	-4326.49	31	-176.95	31	60.58	23	-0.00	31	-0.00	31	0.00	23
3	3	203	Min.	330.00	-4137.25	31	-176.95	31	-390.81	31	-0.00	31	-0.00	31	0.00	23
4	4	204	Max	0.00	-1330.99	23	0.00	31	0.00	23	0.00	23	0.00	31	0.00	31
4	4	204	Max	330.00	-1141.75	23	0.00	31	0.00	31	0.00	23	0.00	31	0.00	31
4	4	204	Min.	0.00	-3605.46	31	0.00	23	-0.00	31	-0.00	31	0.00	23	0.00	23
4	4	204	Min.	330.00	-3416.23	31	0.00	23	0.00	23	-0.00	31	0.00	23	0.00	23
5	5	205	Max	0.00	-1484.64	23	-55.56	23	193.13	31	0.00	31	0.00	31	0.00	23
5	5	205	Max	330.00	-1295.40	23	-55.56	23	-122.77	23	0.00	31	0.00	31	0.00	23
5	5	205	Min.	0.00	-4326.49	31	-176.95	31	60.58	23	0.00	23	0.00	23	0.00	31

5	5	205	Min.	330.00	-4137.25	31	-176.95	31	-390.82	31	0.00	23	0.00	23	0.00	31	
6	6	-31	Max	0.00	-1364.89	23	277.15	31	-97.77	23	0.00	23	0.00	31	0.00	31	
6	6	-31	Max	330.00	-1175.65	23	277.15	31	612.52	31	0.00	23	0.00	31	0.00	31	
6	6	-31	Min.	0.00	-3972.83	31	89.58	23	-302.07	31	-0.00	31	0.00	23	0.00	23	
6	6	-31	Min.	330.00	-3783.59	31	89.58	23	197.85	23	-0.00	31	0.00	23	0.00	23	
7	7	-36	Max	0.00	-1106.57	23	-56.58	23	146.46	31	0.00	31	0.00	31	0.00	31	
7	7	-36	Max	330.00	-917.33	23	-56.58	23	-125.06	23	0.00	31	0.00	31	0.00	31	
7	7	-36	Min.	0.00	-3001.26	31	-133.97	31	61.65	23	0.00	23	0.00	23	0.00	23	
7	7	-36	Min.	330.00	-2812.02	31	-133.97	31	-295.64	31	0.00	23	0.00	23	0.00	23	
201	-4	-3	Max	0.00	0.00	18	0.00	18	0.00	18	487.73	31	-230.75	23	0.00	23	
201	-4	-3	Max	133.53	0.00	18	0.00	18	0.00	18	423.32	31	0.00	31	0.00	23	
201	-4	-3	Min.	0.00	0.00	18	0.00	18	0.00	18	205.00	23	-608.27	31	0.00	31	
201	-4	-3	Min.	133.53	0.00	18	0.00	18	0.00	18	140.60	23	0.00	23	0.00	31	
201	-5	-4	Max	0.00	0.00	18	0.00	18	0.00	18	1284.53	31	-562.27	23	0.00	23	
201	-5	-4	Max	79.47	0.00	18	0.00	18	0.00	18	1246.20	31	-230.74	23	0.00	23	
201	-5	-4	Min.	0.00	0.00	18	0.00	18	0.00	18	436.35	23	-1613.81	31	0.00	31	
201	-5	-4	Min.	79.47	0.00	18	0.00	18	0.00	18	398.03	23	-608.27	31	0.00	31	
201	-6	-5	Max	0.00	133.97	31	0.00	31	0.00	23	-454.90	23	-184.21	23	0.00	31	
201	-6	-5	Max	54.07	133.97	31	0.00	31	0.00	31	-480.98	23	-437.21	23	0.00	31	
201	-6	-5	Min.	0.00	56.58	23	0.00	23	0.00	31	-1501.42	31	-499.36	31	0.00	23	
201	-6	-5	Min.	54.07	56.58	23	0.00	23	0.00	23	-1527.50	31	-1318.18	31	0.00	23	
201	-7	-6	Max	0.00	133.97	31	0.00	31	0.00	23	-197.47	23	449.72	31	0.00	31	
201	-7	-6	Max	133.53	133.97	31	0.00	31	0.00	23	-261.87	23	-184.21	23	0.00	31	
201	-7	-6	Min.	0.00	56.58	23	0.00	23	0.00	31	-678.54	31	122.48	23	0.00	23	
201	-7	-6	Min.	133.53	56.58	23	0.00	23	0.00	31	-742.94	31	-499.36	31	0.00	23	
201	-8	-7	Max	0.00	133.97	31	0.00	31	0.00	23	144.34	31	299.98	31	0.00	31	
201	-8	-7	Max	124.32									122.68	23			
201	-8	-7	Max	133.53	133.97	31	0.00	31	0.00	23	79.93	31	449.72	31	0.00	31	
201	-8	-7	Min.	0.00	56.58	23	0.00	23	0.00	31	59.96	23	85.41	23	0.00	23	
201	-8	-7	Min.	124.32									122.68	23			
201	-8	-7	Min.	133.53	56.58	23	0.00	23	0.00	31	-4.44	23	122.48	23	0.00	23	
201	-9	-8	Max	0.00	133.97	31	0.00	31	0.00	23	967.21	31	-295.41	23	0.00	23	
201	-9	-8	Max	133.53	133.97	31	0.00	31	0.00	23	902.81	31	299.99	31	0.00	23	
201	-9	-8	Min.	0.00	56.58	23	0.00	23	0.00	31	317.39	23	-948.57	31	0.00	31	
201	-9	-8	Min.	133.53	56.58	23	0.00	23	0.00	31	252.99	23	85.41	23	0.00	31	
201	-10	-9	Max	0.00	133.97	31	0.00	31	0.00	23	1747.55	31	-531.76	23	0.00	23	
201	-10	-9	Max	45.33	133.97	31	0.00	31	0.00	23	1725.69	31	-295.41	23	0.00	23	
201	-10	-9	Min.	0.00	56.58	23	0.00	23	0.00	31	532.28	23	-1735.85	31	0.00	31	
201	-10	-9	Min.	45.33	56.58	23	0.00	23	0.00	31	510.42	23	-948.58	31	0.00	31	
202	-11	-10	Max	0.00	-33.00	23	0.00	31	0.00	23	-600.83	23	-180.91	23	0.00	31	
202	-11	-10	Max	88.20	-33.00	23	0.00	31	0.00	23	-643.37	23	-729.60	23	0.00	31	
202	-11	-10	Min.	0.00	-143.18	31	0.00	23	0.00	31	-1993.50	31	-571.33	31	0.00	23	
202	-11	-10	Min.	88.20	-143.18	31	0.00	23	0.00	31	-2036.04	31	-2348.35	31	0.00	23	
202	-12	-11	Max	0.00	-33.00	23	0.00	31	0.00	23	-343.40	23	1034.84	31	0.00	31	
202	-12	-11	Max	133.53	-33.00	23	0.00	31	0.00	23	-407.81	23	-180.91	23	0.00	31	
202	-12	-11	Min.	0.00	-143.18	31	0.00	23	0.00	31	-1170.62	31	320.65	23	0.00	23	
202	-12	-11	Min.	133.53	-143.18	31	0.00	23	0.00	31	-1235.03	31	-571.33	31	0.00	23	
202	-13	-12	Max	0.00	-33.00	23	0.00	31	0.00	23	-85.97	23	1542.20	31	0.00	31	
202	-13	-12	Max	133.53	-33.00	23	0.00	31	0.00	23	-150.38	23	1034.85	31	0.00	31	
202	-13	-12	Min.	0.00	-143.18	31	0.00	23	0.00	31	-347.75	31	478.45	23	0.00	23	
202	-13	-12	Min.	133.53	-143.18	31	0.00	23	0.00	31	-412.15	31	320.65	23	0.00	23	
202	-14	-13	Max	0.00	-33.00	23	0.00	31	0.00	23	475.13	31	950.75	31	0.00	23	
202	-14	-13	Max	133.53	-33.00	23	0.00	31	0.00	23	410.73	31	1542.21	31	0.00	23	
202	-14	-13	Min.	0.00	-143.18	31	0.00	23	0.00	31	171.46	23	292.50	23	0.00	31	
202	-14	-13	Min.	133.53	-143.18	31	0.00	23	0.00	31	107.05	23	478.45	23	0.00	31	
202	-15	-14	Max	0.00	-33.00	23	0.00	31	0.00	23	1298.01	31	-237.20	23	0.00	23	
202	-15	-14	Max	133.53	-33.00	23	0.00	31	0.00	23	1233.60	31	950.75	31	0.00	23	
202	-15	-14	Min.	0.00	-143.18	31	0.00	23	0.00	31	428.88	23	-739.52	31	0.00	31	
202	-15	-14	Min.	133.53	-143.18	31	0.00	23	0.00	31	364.48	23	292.50	23	0.00	31	
202	203	-15	Max	0.00	-33.00	23	0.00	31	0.00	23	2098.76	31	-800.95	23	0.00	23	
202	203	-15	Max	87.67	-33.00	23	0.00	31	0.00	23	2056.48	31	-237.20	23	0.00	23	
202	203	-15	Min.	0.00	-143.18	31	0.00	23	0.00	31	664.19	23	-2560.91	31	0.00	31	
202	203	-15	Min.	87.67	-143.18	31	0.00	23	0.00	31	621.91	23	-739.53	31	0.00	31	
203	-16	203	Max	0.00	33.77	31	0.00	23	0.00	23	-609.09	23	-393.71	23	0.00	31	
203	-16	203	Max	45.87	33.77	31	0.00	23	0.00	23	-631.21	23	-678.15	23	0.00	31	
203	-16	203	Min.	0.00	22.56	23	0.00	31	0.00	31	-2016.36	31	-1240.12	31	0.00	23	
203	-16	203	Min.	45.87	22.56	23	0.00	31	0.00	31	-2038.49	31	-2170.03	31	0.00	23	
203	-17	-16	Max	0.00	33.77	31	0.00	23	0.00	23	-351.66	23	396.55	31	0.00	31	
203	-17	-16	Max	133.53	33.77	31	0.00	23	0.00	23	-416.06	23	-393.73	23	0.00	31	
203	-17	-16	Min.	0.00	22.56	23	0.00	31	0.00	31	-1193.49	31	118.85	23	0.00	23	
203	-17	-16	Min.	133.53	22.56	23	0.00	31	0.00	31	-1257.89	31	-1240.16	31	0.00	23	
203	-18	-17	Max	0.00	33.77	31	0.00	23	0.00	31	-94.23	23	934.42	31	0.00	31	
203	-18	-17	Max	133.53	33.77	31	0.00	23	0.00	23	-158.63	23	396.53	31	0.00	31	
203	-18	-17	Min.	0.00	22.56	23	0.00	31	0.00	23	-370.61	31	287.67	23	0.00	23	
203	-18	-17	Min.	133.53	22.56	23	0.00	31	0.00	31	-435.01	31	118.85	23	0.00	23	
203	-19	-18	Max	0.00	33.77	31	0.00	23	0.00	31	452.27	31	373.46	31	0.00	23	
203	-19	-18	Max	133.53	33.77	31	0.00	23	0.00	31	387.87	31	934.39	31	0.00	23	
203	-19	-18	Min.	0.00	22.56	23	0.00	31	0.00	23	163.20	23	112.74	23	0.00	31	
203	-19	-18	Min.	133.53	22.56	23	0.00	31	0.00	23	98.80	23	287.67	23	0.00	31	
203	-20	-19	Max	0.00	33.77	31	0.00	23	0.00	31	1275.15	31	-405.94	23	0.00	23	
203	-20	-19	Max	133.53	33.77	31	0.00	23	0.00	31	1210.74	31	373.51	31	0.00	23	
203	-20	-19	Min.	0.00	22.56	23	0.00	31	0.00	23	420.63	23	-1286.24	31	0.00	31	
203	-20	-19	Min.	133.53	22.56	23	0.00	31	0.00	23	356.23	23	112.75	23	0.00	31	
203	204	-20	Max	0.00	33.77	31	0.00	23	0.00	31	1708.11	31	-519.15	23	0.00	23	
203	204	-20	Max	20.00	33.77	31	0.00	23	0.00	31	1698.47	31	-405.94	23	0.00	23	
203	204	-20	Min.	0.00	22.56	23	0.00	31	0.00	23	570.88	23	-1626.90	31	0.00	31	
203	204	-20	Min.	20.00	22.56	23	0.00	31	0.00	23	561.23	23	-1286.24	31	0.00	31	
204	204	-21	Max	0.00	33.77	31	0.00	31	0.00	23	1708.11	31	-519.14	23	0.00	31	
204	204	-21	Max	20.00	33.77	31	0.00	31	0.00	23	1698.47	31	-405.94	23	0.00	31	
204	204	-21	Min.	0.00	22.56	23	0.00	23	0.00	31	570.88	23	-1626.89	31	0.00	23	
204	204	-21	Min.	20.00	22.56	23	0.00	23	0.00	31	561.23	23	-1286.24	31	0.00	23	
204	-21	-22	Max	0.00	33.77	31	0.00	31	0.00	23	1275.14	31	-405.94	23	0.00	31	
204	-21	-22	Max	133.53	33.77	31	0.00	31	0.00	23	1210.74	31	373.50	31	0.00	31	
204	-21	-22	Min.	0.00	22.56	23	0.00	23	0.00	31	420.63	23	-1286.24	31	0.00	23	
204	-21	-22	Min.	133.53	22.56	23	0.00	23	0.00	31	356.23	23	112.75	23	0.00	23	
204	-22	-23	Max	0.00	33.77	31	0.00	31	0.00	23	452.27	31	373.46	31	0.00	31	
204	-22	-23	Max	133.53	33.77	31	0.00	31	0.00	23	387.86	31	934.39	31	0.00	31	
204	-22	-23	Min.	0.00	22.56	23	0.00	23	0.00	31	163.20	23	112.74	23	0.00	23	
204	-22	-23	Min.	133.53	22.56	23	0.00	23	0.00	31	98.80	23	287.67	23	0.00	23	
204	-23	-24	Max	0.00	33.77	31	0.00	31	0.00	23	-94.23	23	934.42	31	0.00	23	
204	-23	-24	Max	133.53	33.77	31	0.00	31	0.00	31	-158.63	23	396.53	31	0.00	23	

204	-23	-24	Min.	0.00	22.56	23	0.00	23	0.00	31	-370.61	31	287.67	23	0.00	31
204	-23	-24	Min.	133.53	22.56	23	0.00	23	0.00	23	-435.02	31	118.84	23	0.00	31
204	-24	-25	Max	0.00	33.77	31	0.00	31	0.00	31	-351.66	23	396.54	31	0.00	23
204	-24	-25	Max	133.53	33.77	31	0.00	31	0.00	31	-416.06	23	-393.73	23	0.00	23
204	-24	-25	Min.	0.00	22.56	23	0.00	23	0.00	23	-1193.49	31	118.85	23	0.00	31
204	-24	-25	Min.	133.53	22.56	23	0.00	23	0.00	23	-1257.89	31	-1240.16	31	0.00	31
204	-25	205	Max	0.00	33.77	31	0.00	31	0.00	31	-609.09	23	-393.71	23	0.00	23
204	-25	205	Max	45.87	33.77	31	0.00	31	0.00	31	-631.21	23	-678.16	23	0.00	23
204	-25	205	Min.	0.00	22.56	23	0.00	23	0.00	23	-2016.37	31	-1240.12	31	0.00	31
204	-25	205	Min.	45.87	22.56	23	0.00	23	0.00	23	-2038.49	31	-2170.04	31	0.00	31
205	205	-26	Max	0.00	-33.00	23	0.00	23	0.00	31	2098.76	31	-800.95	23	0.00	31
205	205	-26	Max	87.67	-33.00	23	0.00	23	0.00	31	2056.48	31	-237.21	23	0.00	31
205	205	-26	Min.	0.00	-143.18	31	0.00	31	0.00	23	664.19	23	-2560.92	31	0.00	23
205	205	-26	Min.	87.67	-143.18	31	0.00	31	0.00	23	621.91	23	-739.54	31	0.00	23
205	-26	-27	Max	0.00	-33.00	23	0.00	23	0.00	31	1298.01	31	-237.19	23	0.00	31
205	-26	-27	Max	133.53	-33.00	23	0.00	23	0.00	31	1233.60	31	950.80	31	0.00	31
205	-26	-27	Min.	0.00	-143.18	31	0.00	31	0.00	23	428.88	23	-739.47	31	0.00	23
205	-26	-27	Min.	133.53	-143.18	31	0.00	31	0.00	23	364.48	23	292.52	23	0.00	23
205	-27	-28	Max	0.00	-33.00	23	0.00	23	0.00	31	475.13	31	950.76	31	0.00	31
205	-27	-28	Max	133.53	-33.00	23	0.00	23	0.00	31	410.73	31	1542.22	31	0.00	31
205	-27	-28	Min.	0.00	-143.18	31	0.00	31	0.00	23	171.46	23	292.50	23	0.00	23
205	-27	-28	Min.	133.53	-143.18	31	0.00	31	0.00	23	107.05	23	478.46	23	0.00	23
205	-28	-29	Max	0.00	-33.00	23	0.00	23	0.00	31	-85.97	23	1542.20	31	0.00	23
205	-28	-29	Max	133.53	-33.00	23	0.00	23	0.00	31	-150.38	23	1034.84	31	0.00	23
205	-28	-29	Min.	0.00	-143.18	31	0.00	31	0.00	23	-347.75	31	478.45	23	0.00	31
205	-28	-29	Min.	133.53	-143.18	31	0.00	31	0.00	23	-412.15	31	320.65	23	0.00	31
205	-29	-30	Max	0.00	-33.00	23	0.00	23	0.00	31	-343.40	23	1034.82	31	0.00	23
205	-29	-30	Max	133.53	-33.00	23	0.00	23	0.00	31	-407.81	23	-180.92	23	0.00	23
205	-29	-30	Min.	0.00	-143.18	31	0.00	31	0.00	23	-1170.63	31	320.64	23	0.00	31
205	-29	-30	Min.	133.53	-143.18	31	0.00	31	0.00	23	-1235.03	31	-571.36	31	0.00	31
205	-30	-31	Max	0.00	-33.00	23	0.00	23	0.00	31	-600.83	23	-180.91	23	0.00	23
205	-30	-31	Max	88.20	-33.00	23	0.00	23	0.00	31	-643.37	23	-729.60	23	0.00	23
205	-30	-31	Min.	0.00	-143.18	31	0.00	31	0.00	23	-1993.50	31	-571.32	31	0.00	31
205	-30	-31	Min.	88.20	-143.18	31	0.00	31	0.00	23	-2036.04	31	-2348.35	31	0.00	31
206	-31	-32	Max	0.00	133.97	31	0.00	23	0.00	31	1747.55	31	-531.75	23	0.00	31
206	-31	-32	Max	45.33	133.97	31	0.00	23	0.00	31	1725.69	31	-295.41	23	0.00	31
206	-31	-32	Min.	0.00	56.58	23	0.00	31	0.00	23	532.28	23	-1735.83	31	0.00	23
206	-31	-32	Min.	45.33	56.58	23	0.00	31	0.00	23	510.41	23	-948.56	31	0.00	23
206	-32	-33	Max	0.00	133.97	31	0.00	23	0.00	31	967.21	31	-295.43	23	0.00	31
206	-32	-33	Max	133.53	133.97	31	0.00	23	0.00	31	902.81	31	299.93	31	0.00	31
206	-32	-33	Min.	0.00	56.58	23	0.00	31	0.00	23	317.39	23	-948.62	31	0.00	23
206	-32	-33	Min.	133.53	56.58	23	0.00	31	0.00	23	252.99	23	85.40	23	0.00	23
206	-33	-34	Max	0.00	133.97	31	0.00	23	0.00	31	144.33	31	299.99	31	0.00	23
206	-33	-34	Max	124.31									122.68	23		
206	-33	-34	Max	133.53	133.97	31	0.00	23	0.00	31	79.93	31	449.72	31	0.00	23
206	-33	-34	Min.	0.00	56.58	23	0.00	31	0.00	23	59.96	23	85.41	23	0.00	31
206	-33	-34	Min.	124.31									122.68	23		
206	-33	-34	Min.	133.53	56.58	23	0.00	31	0.00	23	-4.45	23	122.48	23	0.00	31
206	-34	-35	Max	0.00	133.97	31	0.00	23	0.00	31	-197.47	23	449.72	31	0.00	23
206	-34	-35	Max	133.53	133.97	31	0.00	23	0.00	31	-261.87	23	-184.21	23	0.00	23
206	-34	-35	Min.	0.00	56.58	23	0.00	31	0.00	23	-678.54	31	122.48	23	0.00	31
206	-34	-35	Min.	133.53	56.58	23	0.00	31	0.00	23	-742.95	31	-499.36	31	0.00	31
206	-35	-36	Max	0.00	133.97	31	0.00	23	0.00	31	-454.90	23	-184.20	23	0.00	23
206	-35	-36	Max	54.07	133.97	31	0.00	23	0.00	23	-480.98	23	-437.20	23	0.00	23
206	-35	-36	Min.	0.00	56.58	23	0.00	31	0.00	23	-1501.42	31	-499.33	31	0.00	31
206	-35	-36	Min.	54.07	56.58	23	0.00	31	0.00	31	-1527.50	31	-1318.15	31	0.00	31
206	-36	-37	Max	0.00	0.00	18	0.00	18	0.00	18	1284.53	31	-562.28	23	0.00	31
206	-36	-37	Max	79.47	0.00	18	0.00	18	0.00	18	1246.20	31	-230.75	23	0.00	31
206	-36	-37	Min.	0.00	0.00	18	0.00	18	0.00	18	436.36	23	-1613.84	31	0.00	23
206	-36	-37	Min.	79.47	0.00	18	0.00	18	0.00	18	398.03	23	-608.30	31	0.00	23
206	-37	-38	Max	0.00	0.00	18	0.00	18	0.00	18	487.72	31	-230.74	23	0.00	31
206	-37	-38	Max	133.53	0.00	18	0.00	18	0.00	18	423.32	31	0.01	31	0.00	31
206	-37	-38	Min.	0.00	0.00	18	0.00	18	0.00	18	205.00	23	-608.26	31	0.00	23
206	-37	-38	Min.	133.53	0.00	18	0.00	18	0.00	18	140.60	23	0.00	23	0.00	23
301	-3	-60	Max	0.00	0.00	18	0.00	18	0.00	18	211.66	31	-60.07	23	0.00	18
301	-3	-60	Max	150.00	0.00	18	0.00	18	0.00	18	62.58	31	0.00	23	0.00	18
301	-3	-60	Min.	0.00	0.00	18	0.00	18	0.00	18	70.30	23	-205.68	31	0.00	18
301	-3	-60	Min.	150.00	0.00	18	0.00	18	0.00	18	9.79	23	0.00	30	0.00	18
301	-59	-3	Max	0.00	0.00	18	0.00	18	0.00	18	-9.79	23	0.00	23	0.00	18
301	-59	-3	Max	150.00	0.00	18	0.00	18	0.00	18	-70.30	23	-60.07	23	0.00	18
301	-59	-3	Min.	0.00	0.00	18	0.00	18	0.00	18	-62.58	31	0.00	31	0.00	18
301	-59	-3	Min.	150.00	0.00	18	0.00	18	0.00	18	-211.66	31	-205.68	31	0.00	18
302	-4	-47	Max	0.00	0.00	18	0.00	18	0.00	18	379.24	31	-87.07	23	0.00	18
302	-4	-47	Max	150.00	0.00	18	0.00	18	0.00	18	125.16	31	0.00	18	0.00	18
302	-4	-47	Min.	0.00	0.00	18	0.00	18	0.00	18	96.51	23	-378.30	31	0.00	18
302	-4	-47	Min.	150.00	0.00	18	0.00	18	0.00	18	19.58	23	0.00	23	0.00	18
302	-46	-4	Max	0.00	0.00	18	0.00	18	0.00	18	-19.58	23	0.00	31	0.00	18
302	-46	-4	Max	150.00	0.00	18	0.00	18	0.00	18	-96.51	23	-87.07	23	0.00	18
302	-46	-4	Min.	0.00	0.00	18	0.00	18	0.00	18	-125.16	31	0.00	23	0.00	18
302	-46	-4	Min.	150.00	0.00	18	0.00	18	0.00	18	-379.24	31	-378.30	31	0.00	18
303	-6	-48	Max	0.00	0.00	18	0.00	18	0.00	18	379.24	31	-87.07	23	0.00	18
303	-6	-48	Max	150.00	0.00	18	0.00	18	0.00	18	125.16	31	0.00	18	0.00	18
303	-6	-48	Min.	0.00	0.00	18	0.00	18	0.00	18	96.51	23	-378.30	31	0.00	18
303	-6	-48	Min.	150.00	0.00	18	0.00	18	0.00	18	19.58	23	0.00	23	0.00	18
303	-49	-6	Max	0.00	0.00	18	0.00	18	0.00	18	-19.58	23	0.00	30	0.00	18
303	-49	-6	Max	150.00	0.00	18	0.00	18	0.00	18	-96.51	23	-87.07	23	0.00	18
303	-49	-6	Min.	0.00	0.00	18	0.00	18	0.00	18	-125.16	31	0.00	18	0.00	18
303	-49	-6	Min.	150.00	0.00	18	0.00	18	0.00	18	-379.24	31	-378.30	31	0.00	18
304	-7	-96	Max	0.00	0.00	18	0.00	18	0.00	18	379.24	31	-87.07	23	0.00	18
304	-7	-96	Max	150.00	0.00	18	0.00	18	0.00	18	125.16	31	0.00	18	0.00	18
304	-7	-96	Min.	0.00	0.00	18	0.00	18	0.00	18	96.51	23	-378.30	31	0.00	18
304	-7	-96	Min.	150.00	0.00	18	0.00	18	0.00	18	19.58	23	0.00	30	0.00	18
304	-95	-7	Max	0.00	0.00	18	0.00	18	0.00	18	-19.58	23	0.00	24	0.00	18
304	-95	-7	Max	150.00	0.00	18	0.00	18	0.00	18	-96.51	23	-87.07	23	0.00	18
304	-95	-7	Min.	0.00	0.00	18	0.00	18	0.00	18	-125.16	31	0.00	30	0.00	18
304	-95	-7	Min.	150.00	0.00	18	0.00	18	0.00	18	-379.24	31	-378.30	31	0.00	18
305	-8	-66	Max	0.00	0.00	18	0.00	18	0.00	18	379.24	31	-87.07	23	0.00	18
305	-8	-66	Max	150.00	0.00	18	0.00	18	0.00	18	125.16	31	0.00	18	0.00	18
305	-8	-66	Min.	0.00	0.00	18	0.00	18	0.00	18	96.51	23	-378.30	31	0.00	18
305	-8	-66	Min.	150.00	0.00	18	0.00	18	0.00	18	19.58	23	0.00	31	0.00	18
305	-67	-8	Max	0.00	0.00	18	0.00	18	0.00	18	-19.58	23	0.00	31	0.00	18

305	-67	-8	Max	150.00	0.00	18	0.00	18	0.00	18	-96.51	23	-87.07	23	0.00	18
305	-67	-8	Min.	0.00	0.00	18	0.00	18	0.00	18	-125.16	31	0.00	23	0.00	18
305	-67	-8	Min.	150.00	0.00	18	0.00	18	0.00	18	-379.24	31	-378.30	31	0.00	18
306	-9	-69	Max	0.00	0.00	18	0.00	18	0.00	18	379.24	31	-87.07	23	0.00	18
306	-9	-69	Max	150.00	0.00	18	0.00	18	0.00	18	125.16	31	0.00	18	0.00	18
306	-9	-69	Min.	0.00	0.00	18	0.00	18	0.00	18	96.51	23	-378.30	31	0.00	18
306	-9	-69	Min.	150.00	0.00	18	0.00	18	0.00	18	19.58	23	0.00	31	0.00	18
306	-68	-9	Max	0.00	0.00	18	0.00	18	0.00	18	-19.58	23	0.00	23	0.00	18
306	-68	-9	Max	150.00	0.00	18	0.00	18	0.00	18	-96.51	23	-87.07	23	0.00	18
306	-68	-9	Min.	0.00	0.00	18	0.00	18	0.00	18	-125.16	31	0.00	31	0.00	18
306	-68	-9	Min.	150.00	0.00	18	0.00	18	0.00	18	-379.24	31	-378.30	31	0.00	18
307	-11	-70	Max	0.00	0.00	18	0.00	18	0.00	18	379.24	31	-87.07	23	0.00	18
307	-11	-70	Max	150.00	0.00	18	0.00	18	0.00	18	125.16	31	0.00	18	0.00	18
307	-11	-70	Min.	0.00	0.00	18	0.00	18	0.00	18	96.51	23	-378.30	31	0.00	18
307	-11	-70	Min.	150.00	0.00	18	0.00	18	0.00	18	19.58	23	0.00	31	0.00	18
307	-71	-11	Max	0.00	0.00	18	0.00	18	0.00	18	-19.58	23	0.00	23	0.00	18
307	-71	-11	Max	150.00	0.00	18	0.00	18	0.00	18	-96.51	23	-87.07	23	0.00	18
307	-71	-11	Min.	0.00	0.00	18	0.00	18	0.00	18	-125.16	31	0.00	30	0.00	18
307	-71	-11	Min.	150.00	0.00	18	0.00	18	0.00	18	-379.24	31	-378.30	31	0.00	18
308	-12	-72	Max	0.00	0.00	18	0.00	18	0.00	18	379.24	31	-87.07	23	0.00	18
308	-12	-72	Max	150.00	0.00	18	0.00	18	0.00	18	125.16	31	0.00	18	0.00	18
308	-12	-72	Min.	0.00	0.00	18	0.00	18	0.00	18	96.51	23	-378.30	31	0.00	18
308	-12	-72	Min.	150.00	0.00	18	0.00	18	0.00	18	19.58	23	0.00	31	0.00	18
308	-73	-12	Max	0.00	0.00	18	0.00	18	0.00	18	-19.58	23	0.00	30	0.00	18
308	-73	-12	Max	150.00	0.00	18	0.00	18	0.00	18	-96.51	23	-87.07	23	0.00	18
308	-73	-12	Min.	0.00	0.00	18	0.00	18	0.00	18	-125.16	31	0.00	24	0.00	18
308	-73	-12	Min.	150.00	0.00	18	0.00	18	0.00	18	-379.24	31	-378.30	31	0.00	18
309	-13	-74	Max	0.00	0.00	18	0.00	18	0.00	18	379.24	31	-87.07	23	0.00	18
309	-13	-74	Max	150.00	0.00	18	0.00	18	0.00	18	125.16	31	0.00	18	0.00	18
309	-13	-74	Min.	0.00	0.00	18	0.00	18	0.00	18	96.51	23	-378.30	31	0.00	18
309	-13	-74	Min.	150.00	0.00	18	0.00	18	0.00	18	19.58	23	0.00	31	0.00	18
309	-75	-13	Max	0.00	0.00	18	0.00	18	0.00	18	-19.58	23	0.00	31	0.00	18
309	-75	-13	Max	150.00	0.00	18	0.00	18	0.00	18	-96.51	23	-87.07	23	0.00	18
309	-75	-13	Min.	0.00	0.00	18	0.00	18	0.00	18	-125.16	31	0.00	23	0.00	18
309	-75	-13	Min.	150.00	0.00	18	0.00	18	0.00	18	-379.24	31	-378.30	31	0.00	18
310	-14	-90	Max	0.00	0.00	18	0.00	18	0.00	18	379.24	31	-87.07	23	0.00	18
310	-14	-90	Max	150.00	0.00	18	0.00	18	0.00	18	125.16	31	0.00	18	0.00	18
310	-14	-90	Min.	0.00	0.00	18	0.00	18	0.00	18	96.51	23	-378.30	31	0.00	18
310	-14	-90	Min.	150.00	0.00	18	0.00	18	0.00	18	19.58	23	0.00	31	0.00	18
310	-91	-14	Max	0.00	0.00	18	0.00	18	0.00	18	-19.58	23	0.00	30	0.00	18
310	-91	-14	Max	150.00	0.00	18	0.00	18	0.00	18	-96.51	23	-87.07	23	0.00	18
310	-91	-14	Min.	0.00	0.00	18	0.00	18	0.00	18	-125.16	31	0.00	24	0.00	18
310	-91	-14	Min.	150.00	0.00	18	0.00	18	0.00	18	-379.24	31	-378.30	31	0.00	18
311	-15	-92	Max	0.00	0.00	18	0.00	18	0.00	18	379.24	31	-87.07	23	0.00	18
311	-15	-92	Max	150.00	0.00	18	0.00	18	0.00	18	125.16	31	0.00	18	0.00	18
311	-15	-92	Min.	0.00	0.00	18	0.00	18	0.00	18	96.51	23	-378.30	31	0.00	18
311	-15	-92	Min.	150.00	0.00	18	0.00	18	0.00	18	19.58	23	0.00	31	0.00	18
311	-93	-15	Max	0.00	0.00	18	0.00	18	0.00	18	-19.58	23	0.00	31	0.00	18
311	-93	-15	Max	150.00	0.00	18	0.00	18	0.00	18	-96.51	23	-87.07	23	0.00	18
311	-93	-15	Min.	0.00	0.00	18	0.00	18	0.00	18	-125.16	31	0.00	23	0.00	18
311	-93	-15	Min.	150.00	0.00	18	0.00	18	0.00	18	-379.24	31	-378.30	31	0.00	18
312	-16	-98	Max	0.00	0.00	18	0.00	18	0.00	18	379.24	31	-87.07	23	0.00	18
312	-16	-98	Max	150.00	0.00	18	0.00	18	0.00	18	125.16	31	0.00	18	0.00	18
312	-16	-98	Min.	0.00	0.00	18	0.00	18	0.00	18	96.51	23	-378.30	31	0.00	18
312	-16	-98	Min.	150.00	0.00	18	0.00	18	0.00	18	19.58	23	0.00	30	0.00	18
312	-94	-16	Max	0.00	0.00	18	0.00	18	0.00	18	-19.58	23	0.00	23	0.00	18
312	-94	-16	Max	150.00	0.00	18	0.00	18	0.00	18	-96.51	23	-87.07	23	0.00	18
312	-94	-16	Min.	0.00	0.00	18	0.00	18	0.00	18	-125.16	31	0.00	31	0.00	18
312	-94	-16	Min.	150.00	0.00	18	0.00	18	0.00	18	-379.24	31	-378.30	31	0.00	18
313	-17	-97	Max	0.00	0.00	18	0.00	18	0.00	18	379.24	31	-87.07	23	0.00	18
313	-17	-97	Max	150.00	0.00	18	0.00	18	0.00	18	125.16	31	0.00	18	0.00	18
313	-17	-97	Min.	0.00	0.00	18	0.00	18	0.00	18	96.51	23	-378.30	31	0.00	18
313	-17	-97	Min.	150.00	0.00	18	0.00	18	0.00	18	19.58	23	0.00	30	0.00	18
313	-42	-17	Max	0.00	0.00	18	0.00	18	0.00	18	-19.58	23	0.00	23	0.00	18
313	-42	-17	Max	150.00	0.00	18	0.00	18	0.00	18	-96.51	23	-87.07	23	0.00	18
313	-42	-17	Min.	0.00	0.00	18	0.00	18	0.00	18	-125.16	31	0.00	31	0.00	18
313	-42	-17	Min.	150.00	0.00	18	0.00	18	0.00	18	-379.24	31	-378.30	31	0.00	18
314	-18	-43	Max	0.00	0.00	18	0.00	18	0.00	18	379.24	31	-87.07	23	0.00	18
314	-18	-43	Max	150.00	0.00	18	0.00	18	0.00	18	125.16	31	0.00	18	0.00	18
314	-18	-43	Min.	0.00	0.00	18	0.00	18	0.00	18	96.51	23	-378.30	31	0.00	18
314	-18	-43	Min.	150.00	0.00	18	0.00	18	0.00	18	19.58	23	0.00	30	0.00	18
314	-44	-18	Max	0.00	0.00	18	0.00	18	0.00	18	-19.58	23	0.00	30	0.00	18
314	-44	-18	Max	150.00	0.00	18	0.00	18	0.00	18	-96.51	23	-87.07	23	0.00	18
314	-44	-18	Min.	0.00	0.00	18	0.00	18	0.00	18	-125.16	31	0.00	23	0.00	18
314	-44	-18	Min.	150.00	0.00	18	0.00	18	0.00	18	-379.24	31	-378.30	31	0.00	18
315	-19	-45	Max	0.00	0.00	18	0.00	18	0.00	18	379.24	31	-87.07	23	0.00	18
315	-19	-45	Max	150.00	0.00	18	0.00	18	0.00	18	125.16	31	0.00	18	0.00	18
315	-19	-45	Min.	0.00	0.00	18	0.00	18	0.00	18	96.51	23	-378.30	31	0.00	18
315	-19	-45	Min.	150.00	0.00	18	0.00	18	0.00	18	19.58	23	0.00	30	0.00	18
315	-58	-19	Max	0.00	0.00	18	0.00	18	0.00	18	-19.58	23	0.00	31	0.00	18
315	-58	-19	Max	150.00	0.00	18	0.00	18	0.00	18	-96.51	23	-87.07	23	0.00	18
315	-58	-19	Min.	0.00	0.00	18	0.00	18	0.00	18	-125.16	31	0.00	23	0.00	18
315	-58	-19	Min.	150.00	0.00	18	0.00	18	0.00	18	-379.24	31	-378.30	31	0.00	18
316	-20	-63	Max	0.00	0.00	18	0.00	18	0.00	18	211.66	31	-60.07	23	0.00	18
316	-20	-63	Max	150.00	0.00	18	0.00	18	0.00	18	62.58	31	0.00	23	0.00	18
316	-20	-63	Min.	0.00	0.00	18	0.00	18	0.00	18	70.30	23	-205.68	31	0.00	18
316	-20	-63	Min.	150.00	0.00	18	0.00	18	0.00	18	9.79	23	0.00	31	0.00	18
316	-65	-20	Max	0.00	0.00	18	0.00	18	0.00	18	-9.79	23	0.00	30	0.00	18
316	-65	-20	Max	150.00	0.00	18	0.00	18	0.00	18	-70.30	23	-60.07	23	0.00	18
316	-65	-20	Min.	0.00	0.00	18	0.00	18	0.00	18	-62.58	31	0.00	23	0.00	18
316	-65	-20	Min.	150.00	0.00	18	0.00	18	0.00	18	-211.66	31	-205.68	31	0.00	18
317	-21	-51	Max	0.00	0.00	18	0.00	18	0.00	18	211.66	31	-60.07	23	0.00	18
317	-21	-51	Max	150.00	0.00	18	0.00	18	0.00	18	62.58	31	0.00	23	0.00	18
317	-21	-51	Min.	0.00	0.00	18	0.00	18	0.00	18	70.30	23	-205.68	31	0.00	18
317	-21	-51	Min.	150.00	0.00	18	0.00	18	0.00	18	9.79	23	0.00	30	0.00	18
317	-50	-21	Max	0.00	0.00	18	0.00	18	0.00	18	-9.79	23	0.00	18	0.00	18
317	-50	-21	Max	150.00	0.00	18	0.00	18	0.00	18	-70.30	23	-60.07	23	0.00	18
317	-50	-21	Min.	0.00	0.00	18	0.00	18	0.00	18	-62.58	31	0.00	23	0.00	18
317	-50	-21	Min.	150.00	0.00	18	0.00	18	0.00	18	-211.66	31	-205.68	31	0.00	18
318	-22	-53	Max	0.00	0.00	18	0.00	18	0.00	18	379.24	31	-87.07	23	0.00	18
318	-22	-53	Max	150.00	0.00	18	0.00	18	0.00	18	125.16	31	0.00	18	0.00	18

318	-22	-53	Min.	0.00	0.00	18	0.00	18	0.00	18	96.51	23	-378.30	31	0.00	18
318	-22	-53	Min.	150.00	0.00	18	0.00	18	0.00	18	19.58	23	0.00	30	0.00	18
318	-52	-22	Max	0.00	0.00	18	0.00	18	0.00	18	-19.58	23	0.00	18	0.00	18
318	-52	-22	Max	150.00	0.00	18	0.00	18	0.00	18	-96.51	23	-87.07	23	0.00	18
318	-52	-22	Min.	0.00	0.00	18	0.00	18	0.00	18	-125.16	31	0.00	23	0.00	18
318	-52	-22	Min.	150.00	0.00	18	0.00	18	0.00	18	-379.24	31	-378.30	31	0.00	18
319	-23	-55	Max	0.00	0.00	18	0.00	18	0.00	18	379.24	31	-87.07	23	0.00	18
319	-23	-55	Max	150.00	0.00	18	0.00	18	0.00	18	125.16	31	0.00	18	0.00	18
319	-23	-55	Min.	0.00	0.00	18	0.00	18	0.00	18	96.51	23	-378.30	31	0.00	18
319	-23	-55	Min.	150.00	0.00	18	0.00	18	0.00	18	19.58	23	0.00	30	0.00	18
319	-54	-23	Max	0.00	0.00	18	0.00	18	0.00	18	-19.58	23	0.00	31	0.00	18
319	-54	-23	Max	150.00	0.00	18	0.00	18	0.00	18	-96.51	23	-87.07	23	0.00	18
319	-54	-23	Min.	0.00	0.00	18	0.00	18	0.00	18	-125.16	31	0.00	23	0.00	18
319	-54	-23	Min.	150.00	0.00	18	0.00	18	0.00	18	-379.24	31	-378.30	31	0.00	18
320	-24	-57	Max	0.00	0.00	18	0.00	18	0.00	18	379.24	31	-87.07	23	0.00	18
320	-24	-57	Max	150.00	0.00	18	0.00	18	0.00	18	125.16	31	0.00	18	0.00	18
320	-24	-57	Min.	0.00	0.00	18	0.00	18	0.00	18	96.51	23	-378.30	31	0.00	18
320	-24	-57	Min.	150.00	0.00	18	0.00	18	0.00	18	19.58	23	0.00	23	0.00	18
320	-56	-24	Max	0.00	0.00	18	0.00	18	0.00	18	-19.58	23	0.00	30	0.00	18
320	-56	-24	Max	150.00	0.00	18	0.00	18	0.00	18	-96.51	23	-87.07	23	0.00	18
320	-56	-24	Min.	0.00	0.00	18	0.00	18	0.00	18	-125.16	31	0.00	24	0.00	18
320	-56	-24	Min.	150.00	0.00	18	0.00	18	0.00	18	-379.24	31	-378.30	31	0.00	18
322	-25	-41	Max	0.00	0.00	18	0.00	18	0.00	18	379.24	31	-87.07	23	0.00	18
322	-25	-41	Max	150.00	0.00	18	0.00	18	0.00	18	125.16	31	0.00	18	0.00	18
322	-25	-41	Min.	0.00	0.00	18	0.00	18	0.00	18	96.51	23	-378.30	31	0.00	18
322	-25	-41	Min.	150.00	0.00	18	0.00	18	0.00	18	19.58	23	0.00	23	0.00	18
322	-64	-25	Max	0.00	0.00	18	0.00	18	0.00	18	-19.58	23	0.00	30	0.00	18
322	-64	-25	Max	150.00	0.00	18	0.00	18	0.00	18	-96.51	23	-87.07	23	0.00	18
322	-64	-25	Min.	0.00	0.00	18	0.00	18	0.00	18	-125.16	31	0.00	18	0.00	18
322	-64	-25	Min.	150.00	0.00	18	0.00	18	0.00	18	-379.24	31	-378.30	31	0.00	18
323	-26	-77	Max	0.00	0.00	18	0.00	18	0.00	18	379.24	31	-87.07	23	0.00	18
323	-26	-77	Max	150.00	0.00	18	0.00	18	0.00	18	125.16	31	0.00	18	0.00	18
323	-26	-77	Min.	0.00	0.00	18	0.00	18	0.00	18	96.51	23	-378.30	31	0.00	18
323	-26	-77	Min.	150.00	0.00	18	0.00	18	0.00	18	19.58	23	0.00	30	0.00	18
323	-76	-26	Max	0.00	0.00	18	0.00	18	0.00	18	-19.58	23	0.00	23	0.00	18
323	-76	-26	Max	150.00	0.00	18	0.00	18	0.00	18	-96.51	23	-87.07	23	0.00	18
323	-76	-26	Min.	0.00	0.00	18	0.00	18	0.00	18	-125.16	31	0.00	30	0.00	18
323	-76	-26	Min.	150.00	0.00	18	0.00	18	0.00	18	-379.24	31	-378.30	31	0.00	18
324	-27	-79	Max	0.00	0.00	18	0.00	18	0.00	18	379.24	31	-87.07	23	0.00	18
324	-27	-79	Max	150.00	0.00	18	0.00	18	0.00	18	125.16	31	0.00	18	0.00	18
324	-27	-79	Min.	0.00	0.00	18	0.00	18	0.00	18	96.51	23	-378.30	31	0.00	18
324	-27	-79	Min.	150.00	0.00	18	0.00	18	0.00	18	19.58	23	0.00	30	0.00	18
324	-78	-27	Max	0.00	0.00	18	0.00	18	0.00	18	-19.58	23	0.00	23	0.00	18
324	-78	-27	Max	150.00	0.00	18	0.00	18	0.00	18	-96.51	23	-87.07	23	0.00	18
324	-78	-27	Min.	0.00	0.00	18	0.00	18	0.00	18	-125.16	31	0.00	18	0.00	18
324	-78	-27	Min.	150.00	0.00	18	0.00	18	0.00	18	-379.24	31	-378.30	31	0.00	18
325	-28	-81	Max	0.00	0.00	18	0.00	18	0.00	18	379.24	31	-87.07	23	0.00	18
325	-28	-81	Max	150.00	0.00	18	0.00	18	0.00	18	125.16	31	0.00	18	0.00	18
325	-28	-81	Min.	0.00	0.00	18	0.00	18	0.00	18	96.51	23	-378.30	31	0.00	18
325	-28	-81	Min.	150.00	0.00	18	0.00	18	0.00	18	19.58	23	0.00	30	0.00	18
325	-80	-28	Max	0.00	0.00	18	0.00	18	0.00	18	-19.58	23	0.00	30	0.00	18
325	-80	-28	Max	150.00	0.00	18	0.00	18	0.00	18	-96.51	23	-87.07	23	0.00	18
325	-80	-28	Min.	0.00	0.00	18	0.00	18	0.00	18	-125.16	31	0.00	24	0.00	18
325	-80	-28	Min.	150.00	0.00	18	0.00	18	0.00	18	-379.24	31	-378.30	31	0.00	18
326	-29	-83	Max	0.00	0.00	18	0.00	18	0.00	18	379.24	31	-87.07	23	0.00	18
326	-29	-83	Max	150.00	0.00	18	0.00	18	0.00	18	125.16	31	0.00	18	0.00	18
326	-29	-83	Min.	0.00	0.00	18	0.00	18	0.00	18	96.51	23	-378.30	31	0.00	18
326	-29	-83	Min.	150.00	0.00	18	0.00	18	0.00	18	19.58	23	0.00	23	0.00	18
326	-82	-29	Max	0.00	0.00	18	0.00	18	0.00	18	-19.58	23	0.00	30	0.00	18
326	-82	-29	Max	150.00	0.00	18	0.00	18	0.00	18	-96.51	23	-87.07	23	0.00	18
326	-82	-29	Min.	0.00	0.00	18	0.00	18	0.00	18	-125.16	31	0.00	24	0.00	18
326	-82	-29	Min.	150.00	0.00	18	0.00	18	0.00	18	-379.24	31	-378.30	31	0.00	18
327	-30	-85	Max	0.00	0.00	18	0.00	18	0.00	18	379.24	31	-87.07	23	0.00	18
327	-30	-85	Max	150.00	0.00	18	0.00	18	0.00	18	125.16	31	0.00	18	0.00	18
327	-30	-85	Min.	0.00	0.00	18	0.00	18	0.00	18	96.51	23	-378.30	31	0.00	18
327	-30	-85	Min.	150.00	0.00	18	0.00	18	0.00	18	19.58	23	0.00	30	0.00	18
327	-84	-30	Max	0.00	0.00	18	0.00	18	0.00	18	-19.58	23	0.00	18	0.00	18
327	-84	-30	Max	150.00	0.00	18	0.00	18	0.00	18	-96.51	23	-87.07	23	0.00	18
327	-84	-30	Min.	0.00	0.00	18	0.00	18	0.00	18	-125.16	31	0.00	30	0.00	18
327	-84	-30	Min.	150.00	0.00	18	0.00	18	0.00	18	-379.24	31	-378.30	31	0.00	18
329	-32	-86	Max	0.00	0.00	18	0.00	18	0.00	18	379.24	31	-87.07	23	0.00	18
329	-32	-86	Max	150.00	0.00	18	0.00	18	0.00	18	125.16	31	0.00	18	0.00	18
329	-32	-86	Min.	0.00	0.00	18	0.00	18	0.00	18	96.51	23	-378.30	31	0.00	18
329	-32	-86	Min.	150.00	0.00	18	0.00	18	0.00	18	19.58	23	0.00	30	0.00	18
329	-87	-32	Max	0.00	0.00	18	0.00	18	0.00	18	-19.58	23	0.00	24	0.00	18
329	-87	-32	Max	150.00	0.00	18	0.00	18	0.00	18	-96.51	23	-87.07	23	0.00	18
329	-87	-32	Min.	0.00	0.00	18	0.00	18	0.00	18	-125.16	31	0.00	30	0.00	18
329	-87	-32	Min.	150.00	0.00	18	0.00	18	0.00	18	-379.24	31	-378.30	31	0.00	18
330	-33	-89	Max	0.00	0.00	18	0.00	18	0.00	18	379.24	31	-87.07	23	0.00	18
330	-33	-89	Max	150.00	0.00	18	0.00	18	0.00	18	125.16	31	0.00	24	0.00	18
330	-33	-89	Min.	0.00	0.00	18	0.00	18	0.00	18	96.51	23	-378.30	31	0.00	18
330	-33	-89	Min.	150.00	0.00	18	0.00	18	0.00	18	19.58	23	0.00	30	0.00	18
330	-88	-33	Max	0.00	0.00	18	0.00	18	0.00	18	-19.58	23	0.00	23	0.00	18
330	-88	-33	Max	150.00	0.00	18	0.00	18	0.00	18	-96.51	23	-87.07	23	0.00	18
330	-88	-33	Min.	0.00	0.00	18	0.00	18	0.00	18	-125.16	31	0.00	31	0.00	18
330	-88	-33	Min.	150.00	0.00	18	0.00	18	0.00	18	-379.24	31	-378.30	31	0.00	18
331	-34	-61	Max	0.00	0.00	18	0.00	18	0.00	18	379.24	31	-87.07	23	0.00	18
331	-34	-61	Max	150.00	0.00	18	0.00	18	0.00	18	125.16	31	0.00	24	0.00	18
331	-34	-61	Min.	0.00	0.00	18	0.00	18	0.00	18	96.51	23	-378.30	31	0.00	18
331	-34	-61	Min.	150.00	0.00	18	0.00	18	0.00	18	19.58	23	0.00	30	0.00	18
331	-62	-34	Max	0.00	0.00	18	0.00	18	0.00	18	-19.58	23	0.00	23	0.00	18
331	-62	-34	Max	150.00	0.00	18	0.00	18	0.00	18	-96.51	23	-87.07	23	0.00	18
331	-62	-34	Min.	0.00	0.00	18	0.00	18	0.00	18	-125.16	31	0.00	18	0.00	18
331	-62	-34	Min.	150.00	0.00	18	0.00	18	0.00	18	-379.24	31	-378.30	31	0.00	18
332	-35	-102	Max	0.00	0.00	18	0.00	18	0.00	18	379.24	31	-87.07	23	0.00	18
332	-35	-102	Max	150.00	0.00	18	0.00	18	0.00	18	125.16	31	0.00	18	0.00	18
332	-35	-102	Min.	0.00	0.00	18	0.00	18	0.00	18	96.51	23	-378.30	31	0.00	18
332	-35	-102	Min.	150.00	0.00	18	0.00	18	0.00	18	19.58	23	0.00	30	0.00	18
332	-101	-35	Max	0.00	0.00	18	0.00	18	0.00	18	-19.58	23	0.00	30	0.00	18
332	-101	-35	Max	150.00	0.00	18	0.00	18	0.00	18	-96.51	23	-87.07	23	0.00	18
332	-101	-35	Min.	0.00	0.00	18	0.00	18	0.00	18	-125.16	31	0.00	18	0.00	18

332	-101	-35	Min.	150.00	0.00	18	0.00	18	0.00	18	-379.24	31	-378.30	31	0.00	18
333	-37	-103	Max	0.00	0.00	18	0.00	18	0.00	18	379.24	31	-87.07	23	0.00	18
333	-37	-103	Max	150.00	0.00	18	0.00	18	0.00	18	125.16	31	0.00	24	0.00	18
333	-37	-103	Min.	0.00	0.00	18	0.00	18	0.00	18	96.51	23	-378.30	31	0.00	18
333	-37	-103	Min.	150.00	0.00	18	0.00	18	0.00	18	19.58	23	0.00	30	0.00	18
333	-104	-37	Max	0.00	0.00	18	0.00	18	0.00	18	-19.58	23	0.00	24	0.00	18
333	-104	-37	Max	150.00	0.00	18	0.00	18	0.00	18	-96.51	23	-87.07	23	0.00	18
333	-104	-37	Min.	0.00	0.00	18	0.00	18	0.00	18	-125.16	31	0.00	30	0.00	18
333	-104	-37	Min.	150.00	0.00	18	0.00	18	0.00	18	-379.24	31	-378.30	31	0.00	18
334	-38	-99	Max	0.00	0.00	18	0.00	18	0.00	18	211.66	31	-60.07	23	0.00	18
334	-38	-99	Max	150.00	0.00	18	0.00	18	0.00	18	62.58	31	0.00	23	0.00	18
334	-38	-99	Min.	0.00	0.00	18	0.00	18	0.00	18	70.30	23	-205.68	31	0.00	18
334	-38	-99	Min.	150.00	0.00	18	0.00	18	0.00	18	9.79	23	0.00	31	0.00	18
334	-100	-38	Max	0.00	0.00	18	0.00	18	0.00	18	-9.79	23	0.00	31	0.00	18
334	-100	-38	Max	150.00	0.00	18	0.00	18	0.00	18	-70.30	23	-60.07	23	0.00	18
334	-100	-38	Min.	0.00	0.00	18	0.00	18	0.00	18	-62.58	31	0.00	23	0.00	18
334	-100	-38	Min.	150.00	0.00	18	0.00	18	0.00	18	-211.66	31	-205.68	31	0.00	18

Tipo di combinazione di carico: SLE F

Asta	N1	N2		X <cm>	N <daN>	CC	Ty <daN>	CC	Mz <daNm>	CC	Tz <daN>	CC	My <daNm>	CC	Mx <daNm>	CC
1	1	-5	Max	0.00	-1007.59	25	-52.54	25	79.49	19	0.00	25	0.00	25	0.00	25
1	1	-5	Max	330.00	-818.35	25	-52.54	25	-116.15	25	0.00	25	0.00	25	0.00	25
1	1	-5	Min.	0.00	-1505.04	19	-72.85	19	57.22	25	0.00	19	0.00	19	0.00	19
1	1	-5	Min.	330.00	-1315.81	19	-72.85	19	-160.93	19	0.00	19	0.00	19	0.00	19
2	2	-10	Max	0.00	-1228.65	25	129.03	19	-87.10	25	0.00	19	0.00	25	0.00	25
2	2	-10	Max	330.00	-1039.42	25	129.03	19	285.05	19	0.00	19	0.00	25	0.00	25
2	2	-10	Min.	0.00	-1913.37	19	79.78	25	-140.74	19	0.00	25	0.00	19	0.00	19
2	2	-10	Min.	330.00	-1724.13	19	79.78	25	176.18	25	0.00	25	0.00	19	0.00	19
3	3	203	Max	0.00	-1336.18	25	-49.22	25	88.46	19	0.00	25	0.00	25	0.00	19
3	3	203	Max	330.00	-1146.95	25	-49.22	25	-108.77	25	0.00	25	0.00	25	0.00	19
3	3	203	Min.	0.00	-2082.31	19	-81.09	19	53.66	25	0.00	19	0.00	19	0.00	25
3	3	203	Min.	330.00	-1893.08	19	-81.09	19	-179.14	19	0.00	19	0.00	19	0.00	25
4	4	204	Max	0.00	-1212.17	25	0.00	19	0.00	25	0.00	25	0.00	19	0.00	19
4	4	204	Max	330.00	-1022.94	25	0.00	19	0.00	19	0.00	25	0.00	19	0.00	19
4	4	204	Min.	0.00	-1809.34	19	0.00	25	0.00	19	0.00	19	0.00	25	0.00	25
4	4	204	Min.	330.00	-1620.10	19	0.00	25	0.00	25	0.00	19	0.00	25	0.00	25
5	5	205	Max	0.00	-1336.18	25	-49.22	25	88.46	19	0.00	19	0.00	19	0.00	25
5	5	205	Max	330.00	-1146.95	25	-49.22	25	-108.77	25	0.00	19	0.00	19	0.00	25
5	5	205	Min.	0.00	-2082.31	19	-81.09	19	53.66	25	0.00	25	0.00	25	0.00	19
5	5	205	Min.	330.00	-1893.08	19	-81.09	19	-179.15	19	0.00	25	0.00	25	0.00	19
6	6	-31	Max	0.00	-1228.65	25	129.03	19	-87.10	25	0.00	25	0.00	19	0.00	19
6	6	-31	Max	330.00	-1039.41	25	129.03	19	285.06	19	0.00	25	0.00	19	0.00	19
6	6	-31	Min.	0.00	-1913.37	19	79.78	25	-140.74	19	0.00	19	0.00	25	0.00	25
6	6	-31	Min.	330.00	-1724.13	19	79.78	25	176.19	25	0.00	19	0.00	25	0.00	25
7	7	-36	Max	0.00	-1007.59	25	-52.54	25	79.49	19	0.00	19	0.00	19	0.00	19
7	7	-36	Max	330.00	-818.36	25	-52.54	25	-116.15	25	0.00	19	0.00	19	0.00	19
7	7	-36	Min.	0.00	-1505.04	19	-72.86	19	57.22	25	0.00	25	0.00	25	0.00	25
7	7	-36	Min.	330.00	-1315.81	19	-72.86	19	-160.94	19	0.00	25	0.00	25	0.00	25
201	-4	-3	Max	0.00	0.00	19	0.00	19	0.00	19	264.46	19	-211.02	25	0.00	25
201	-4	-3	Max	133.53	0.00	19	0.00	19	0.00	19	200.06	19	0.00	19	0.00	25
201	-4	-3	Min.	0.00	0.00	19	0.00	19	0.00	19	190.23	25	-310.14	19	0.00	19
201	-4	-3	Min.	133.53	0.00	19	0.00	19	0.00	19	125.83	25	0.00	25	0.00	19
201	-5	-4	Max	0.00	0.00	19	0.00	19	0.00	19	614.74	19	-507.34	25	0.00	25
201	-5	-4	Max	79.47	0.00	19	0.00	19	0.00	19	576.41	19	-211.02	25	0.00	25
201	-5	-4	Min.	0.00	0.00	19	0.00	19	0.00	19	392.05	25	-783.42	19	0.00	19
201	-5	-4	Min.	79.47	0.00	19	0.00	19	0.00	19	353.72	25	-310.14	19	0.00	19
201	-6	-5	Max	0.00	72.85	19	0.00	19	0.00	25	-400.23	25	-167.75	25	0.00	19
201	-6	-5	Max	54.07	72.85	19	0.00	19	0.00	19	-426.31	25	-391.19	25	0.00	19
201	-6	-5	Min.	0.00	52.54	25	0.00	25	0.00	19	-675.00	19	-250.49	19	0.00	25
201	-6	-5	Min.	54.07	52.54	25	0.00	25	0.00	25	-701.07	19	-622.49	19	0.00	25
201	-7	-6	Max	0.00	72.85	19	0.00	19	0.00	25	-172.34	25	191.30	19	0.00	19
201	-7	-6	Max	133.53	72.85	19	0.00	19	0.00	25	-236.74	25	-167.75	25	0.00	19
201	-7	-6	Min.	0.00	52.54	25	0.00	25	0.00	19	-298.64	19	105.38	25	0.00	25
201	-7	-6	Min.	133.53	52.54	25	0.00	25	0.00	19	-363.05	19	-250.49	19	0.00	25
201	-8	-7	Max	0.00	72.85	19	0.00	19	0.00	25	77.71	19	130.54	19	0.00	19
201	-8	-7	Max	115.18									106.19	25		
201	-8	-7	Max	133.53	72.85	19	0.00	19	0.00	25	13.30	19	191.30	19	0.00	19
201	-8	-7	Min.	0.00	52.54	25	0.00	25	0.00	19	55.55	25	74.20	25	0.00	25
201	-8	-7	Min.	115.18									106.19	25		
201	-8	-7	Min.	133.53	52.54	25	0.00	25	0.00	19	-8.85	25	105.38	25	0.00	25
201	-9	-8	Max	0.00	72.85	19	0.00	19	0.00	25	454.06	19	-261.29	25	0.00	25
201	-9	-8	Max	133.53	72.85	19	0.00	19	0.00	25	389.65	19	130.54	19	0.00	25
201	-9	-8	Min.	0.00	52.54	25	0.00	25	0.00	19	283.44	25	-432.78	19	0.00	19
201	-9	-8	Min.	133.53	52.54	25	0.00	25	0.00	19	219.04	25	74.20	25	0.00	19
201	-10	-9	Max	0.00	72.85	19	0.00	19	0.00	25	787.87	19	-468.86	25	0.00	25
201	-10	-9	Max	45.33	72.85	19	0.00	19	0.00	25	766.00	19	-261.29	25	0.00	25
201	-10	-9	Min.	0.00	52.54	25	0.00	25	0.00	19	468.80	25	-784.99	19	0.00	19
201	-10	-9	Min.	45.33	52.54	25	0.00	25	0.00	19	446.93	25	-432.78	19	0.00	19
202	-11	-10	Max	0.00	-27.25	25	0.00	19	0.00	25	-528.08	25	-160.51	25	0.00	19
202	-11	-10	Max	88.20	-27.25	25	0.00	19	0.00	25	-570.62	25	-645.04	25	0.00	19
202	-11	-10	Min.	0.00	-56.17	19	0.00	25	0.00	19	-893.73	19	-263.02	19	0.00	25
202	-11	-10	Min.	88.20	-56.17	19	0.00	25	0.00	19	-936.27	19	-1070.04	19	0.00	25
202	-12	-11	Max	0.00	-27.25	25	0.00	19	0.00	25	-300.19	25	470.85	19	0.00	19
202	-12	-11	Max	133.53	-27.25	25	0.00	19	0.00	25	-364.59	25	-160.51	25	0.00	19
202	-12	-11	Min.	0.00	-56.17	19	0.00	25	0.00	19	-517.38	19	283.34	25	0.00	25
202	-12	-11	Min.	133.53	-56.17	19	0.00	25	0.00	19	-581.78	19	-263.02	19	0.00	25
202	-13	-12	Max	0.00	-27.25	25	0.00	19	0.00	25	-72.30	25	702.17	19	0.00	19
202	-13	-12	Max	133.53	-27.25	25	0.00	19	0.00	25	-136.70	25	470.85	19	0.00	19
202	-13	-12	Min.	0.00	-56.17	19	0.00	25	0.00	19	-141.03	19	422.88	25	0.00	25
202	-13	-12	Min.	133.53	-56.17	19	0.00	25	0.00	19	-205.43	19	283.34	25	0.00	25
202	-14	-13	Max	0.00	-27.25	25	0.00	19	0.00	25	235.32	19	430.94	19	0.00	25
202	-14	-13	Max	133.53	-27.25	25	0.00	19	0.00	25	170.92	19	702.17	19	0.00	25
202	-14	-13	Min.	0.00	-56.17	19	0.00	25	0.00	19	155.59	25	258.12	25	0.00	19
202	-14	-13	Min.	133.53	-56.17	19	0.00	25	0.00	19	91.19	25	422.88	25	0.00	19
202	-15	-14	Max	0.00	-27.25	25	0.00	19	0.00	25	611.67	19	-210.96	25	0.00	25
202	-15	-14	Max	133.53	-27.25	25	0.00	19	0.00	25	547.27	19	430.94	19	0.00	25
202	-15	-14	Min.	0.00	-56.17	19	0.00	25	0.00	19	383.48	25	-342.85	19	0.00	19
202	-15	-14	Min.	133.53	-56.17	19	0.00	25	0.00	19	319.08	25	258.12	25	0.00	19
202	203	-15	Max	0.00	-27.25	25	0.00	19	0.00	25	965.90	19	-709.01	25	0.00	25

202	203	-15	Max	87.67	-27.25	25	0.00	19	0.00	25	923.62	19	-210.96	25	0.00	25
202	203	-15	Min.	0.00	-56.17	19	0.00	25	0.00	19	589.25	25	-1171.09	19	0.00	19
202	203	-15	Min.	87.67	-56.17	19	0.00	25	0.00	19	546.97	25	-342.85	19	0.00	19
203	-16	203	Max	0.00	24.92	19	0.00	25	0.00	25	-535.57	25	-349.50	25	0.00	19
203	-16	203	Max	45.87	24.92	19	0.00	25	0.00	25	-557.69	25	-600.22	25	0.00	19
203	-16	203	Min.	0.00	21.97	25	0.00	19	0.00	19	-905.05	19	-571.72	19	0.00	25
203	-16	203	Min.	45.87	21.97	25	0.00	19	0.00	19	-927.17	19	-991.91	19	0.00	25
203	-17	-16	Max	0.00	24.92	19	0.00	25	0.00	25	-307.68	25	177.25	19	0.00	19
203	-17	-16	Max	133.53	24.92	19	0.00	25	0.00	25	-372.08	25	-349.51	25	0.00	19
203	-17	-16	Min.	0.00	21.97	25	0.00	19	0.00	19	-528.70	19	104.34	25	0.00	25
203	-17	-16	Min.	133.53	21.97	25	0.00	19	0.00	19	-593.11	19	-571.74	19	0.00	25
203	-18	-17	Max	0.00	24.92	19	0.00	25	0.00	19	-79.79	25	423.69	19	0.00	19
203	-18	-17	Max	133.53	24.92	19	0.00	25	0.00	25	-144.19	25	177.25	19	0.00	19
203	-18	-17	Min.	0.00	21.97	25	0.00	19	0.00	25	-152.36	19	253.89	25	0.00	25
203	-18	-17	Min.	133.53	21.97	25	0.00	19	0.00	19	-216.76	19	104.34	25	0.00	25
203	-19	-18	Max	0.00	24.92	19	0.00	25	0.00	19	224.00	19	167.57	19	0.00	25
203	-19	-18	Max	133.53	24.92	19	0.00	25	0.00	19	159.59	19	423.68	19	0.00	25
203	-19	-18	Min.	0.00	21.97	25	0.00	19	0.00	25	148.10	25	99.12	25	0.00	19
203	-19	-18	Min.	133.53	21.97	25	0.00	19	0.00	25	83.70	25	253.88	25	0.00	19
203	-20	-19	Max	0.00	24.92	19	0.00	25	0.00	19	600.35	19	-359.95	25	0.00	25
203	-20	-19	Max	133.53	24.92	19	0.00	25	0.00	19	535.94	19	167.59	19	0.00	25
203	-20	-19	Min.	0.00	21.97	25	0.00	19	0.00	25	375.99	25	-591.07	19	0.00	19
203	-20	-19	Min.	133.53	21.97	25	0.00	19	0.00	25	311.59	25	99.13	25	0.00	19
203	204	-20	Max	0.00	24.92	19	0.00	25	0.00	19	810.05	19	-461.28	25	0.00	25
203	204	-20	Max	20.00	24.92	19	0.00	25	0.00	19	800.40	19	-359.95	25	0.00	25
203	204	-20	Min.	0.00	21.97	25	0.00	19	0.00	25	511.47	25	-752.12	19	0.00	19
203	204	-20	Min.	20.00	21.97	25	0.00	19	0.00	25	501.82	25	-591.07	19	0.00	19
204	204	-21	Max	0.00	24.92	19	0.00	19	0.00	25	810.05	19	-461.28	25	0.00	19
204	204	-21	Max	20.00	24.92	19	0.00	19	0.00	25	800.40	19	-359.95	25	0.00	19
204	204	-21	Min.	0.00	21.97	25	0.00	25	0.00	19	511.47	25	-752.12	19	0.00	25
204	204	-21	Min.	20.00	21.97	25	0.00	25	0.00	19	501.82	25	-591.07	19	0.00	25
204	-21	-22	Max	0.00	24.92	19	0.00	19	0.00	25	600.35	19	-359.95	25	0.00	19
204	-21	-22	Max	133.53	24.92	19	0.00	19	0.00	25	535.94	19	167.59	19	0.00	19
204	-21	-22	Min.	0.00	21.97	25	0.00	25	0.00	19	375.99	25	-591.07	19	0.00	25
204	-21	-22	Min.	133.53	21.97	25	0.00	25	0.00	19	311.59	25	99.13	25	0.00	25
204	-22	-23	Max	0.00	24.92	19	0.00	19	0.00	25	224.00	19	167.57	19	0.00	19
204	-22	-23	Max	133.53	24.92	19	0.00	19	0.00	25	159.59	19	423.68	19	0.00	19
204	-22	-23	Min.	0.00	21.97	25	0.00	25	0.00	19	148.10	25	99.12	25	0.00	25
204	-22	-23	Min.	133.53	21.97	25	0.00	25	0.00	19	83.70	25	253.88	25	0.00	25
204	-23	-24	Max	0.00	24.92	19	0.00	19	0.00	25	-79.79	25	423.69	19	0.00	25
204	-23	-24	Max	133.53	24.92	19	0.00	19	0.00	19	-144.19	25	177.25	19	0.00	25
204	-23	-24	Min.	0.00	21.97	25	0.00	25	0.00	19	-152.36	19	253.89	25	0.00	19
204	-23	-24	Min.	133.53	21.97	25	0.00	25	0.00	25	-216.76	19	104.34	25	0.00	19
204	-24	-25	Max	0.00	24.92	19	0.00	19	0.00	19	-307.68	25	177.25	19	0.00	25
204	-24	-25	Max	133.53	24.92	19	0.00	19	0.00	19	-372.08	25	-349.51	25	0.00	25
204	-24	-25	Min.	0.00	21.97	25	0.00	25	0.00	25	-528.71	19	104.34	25	0.00	19
204	-24	-25	Min.	133.53	21.97	25	0.00	25	0.00	25	-593.11	19	-571.74	19	0.00	19
204	-25	205	Max	0.00	24.92	19	0.00	19	0.00	19	-535.57	25	-349.50	25	0.00	25
204	-25	205	Max	45.87	24.92	19	0.00	19	0.00	19	-557.69	25	-600.22	25	0.00	25
204	-25	205	Min.	0.00	21.97	25	0.00	25	0.00	25	-905.05	19	-571.73	19	0.00	19
204	-25	205	Min.	45.87	21.97	25	0.00	25	0.00	25	-927.17	19	-991.92	19	0.00	19
205	205	-26	Max	0.00	-27.25	25	0.00	25	0.00	19	965.90	19	-709.01	25	0.00	19
205	205	-26	Max	87.67	-27.25	25	0.00	25	0.00	19	923.62	19	-210.97	25	0.00	19
205	205	-26	Min.	0.00	-56.17	19	0.00	19	0.00	25	589.25	25	-1171.09	19	0.00	25
205	205	-26	Min.	87.67	-56.17	19	0.00	19	0.00	25	546.97	25	-342.85	19	0.00	25
205	-26	-27	Max	0.00	-27.25	25	0.00	25	0.00	19	611.67	19	-210.95	25	0.00	19
205	-26	-27	Max	133.53	-27.25	25	0.00	25	0.00	19	547.27	19	430.96	19	0.00	19
205	-26	-27	Min.	0.00	-56.17	19	0.00	19	0.00	25	383.48	25	-342.82	19	0.00	25
205	-26	-27	Min.	133.53	-56.17	19	0.00	19	0.00	25	319.08	25	258.13	25	0.00	25
205	-27	-28	Max	0.00	-27.25	25	0.00	25	0.00	19	235.32	19	430.94	19	0.00	19
205	-27	-28	Max	133.53	-27.25	25	0.00	25	0.00	19	170.92	19	702.18	19	0.00	19
205	-27	-28	Min.	0.00	-56.17	19	0.00	19	0.00	25	155.59	25	258.12	25	0.00	25
205	-27	-28	Min.	133.53	-56.17	19	0.00	19	0.00	25	91.19	25	422.89	25	0.00	25
205	-28	-29	Max	0.00	-27.25	25	0.00	25	0.00	19	-72.30	25	702.17	19	0.00	25
205	-28	-29	Max	133.53	-27.25	25	0.00	25	0.00	19	-136.70	25	470.85	19	0.00	25
205	-28	-29	Min.	0.00	-56.17	19	0.00	19	0.00	25	-141.03	19	422.88	25	0.00	19
205	-28	-29	Min.	133.53	-56.17	19	0.00	19	0.00	25	-205.43	19	283.34	25	0.00	19
205	-29	-30	Max	0.00	-27.25	25	0.00	25	0.00	19	-300.19	25	470.84	19	0.00	25
205	-29	-30	Max	133.53	-27.25	25	0.00	25	0.00	19	-364.60	25	-160.52	25	0.00	25
205	-29	-30	Min.	0.00	-56.17	19	0.00	19	0.00	25	-517.38	19	283.33	25	0.00	19
205	-29	-30	Min.	133.53	-56.17	19	0.00	19	0.00	25	-581.78	19	-263.03	19	0.00	19
205	-30	-31	Max	0.00	-27.25	25	0.00	25	0.00	19	-528.08	25	-160.51	25	0.00	25
205	-30	-31	Max	88.20	-27.25	25	0.00	25	0.00	19	-570.62	25	-645.04	25	0.00	25
205	-30	-31	Min.	0.00	-56.17	19	0.00	19	0.00	25	-893.73	19	-263.01	19	0.00	19
205	-30	-31	Min.	88.20	-56.17	19	0.00	19	0.00	25	-936.27	19	-1070.04	19	0.00	19
206	-31	-32	Max	0.00	72.86	19	0.00	25	0.00	19	787.87	19	-468.85	25	0.00	19
206	-31	-32	Max	45.33	72.86	19	0.00	25	0.00	19	766.00	19	-261.29	25	0.00	19
206	-31	-32	Min.	0.00	52.54	25	0.00	19	0.00	25	468.79	25	-784.98	19	0.00	25
206	-31	-32	Min.	45.33	52.54	25	0.00	19	0.00	25	446.93	25	-432.77	19	0.00	25
206	-32	-33	Max	0.00	72.86	19	0.00	25	0.00	19	454.06	19	-261.30	25	0.00	19
206	-32	-33	Max	133.53	72.86	19	0.00	25	0.00	19	389.65	19	130.52	19	0.00	19
206	-32	-33	Min.	0.00	52.54	25	0.00	19	0.00	25	283.44	25	-432.80	19	0.00	25
206	-32	-33	Min.	133.53	52.54	25	0.00	19	0.00	25	219.04	25	74.19	25	0.00	25
206	-33	-34	Max	0.00	72.86	19	0.00	25	0.00	19	77.70	19	130.54	19	0.00	25
206	-33	-34	Max	115.18									106.19	25		
206	-33	-34	Max	133.53	72.86	19	0.00	25	0.00	19	13.30	19	191.30	19	0.00	25
206	-33	-34	Min.	0.00	52.54	25	0.00	19	0.00	25	55.55	25	74.20	25	0.00	19
206	-33	-34	Min.	115.18									106.19	25		
206	-33	-34	Min.	133.53	52.54	25	0.00	19	0.00	25	-8.85	25	105.38	25	0.00	19
206	-34	-35	Max	0.00	72.86	19	0.00	25	0.00	19	-172.34	25	191.30	19	0.00	25
206	-34	-35	Max	133.53	72.86	19	0.00	25	0.00	19	-236.74	25	-167.75	25	0.00	25
206	-34	-35	Min.	0.00	52.54	25	0.00	19	0.00	25	-298.65	19	105.38	25	0.00	19
206	-34	-35	Min.	133.53	52.54	25	0.00	19	0.00	25	-363.05	19	-250.49	19	0.00	19
206	-35	-36	Max	0.00	72.86	19	0.00	25	0.00	19	-400.23	25	-167.74	25	0.00	25
206	-35	-36	Max	54.07	72.86	19	0.00	25	0.00	25	-426.31	25	-391.18	25	0.00	25
206	-35	-36	Min.	0.00	52.54	25	0.00	19	0.00	25	-674.99	19	-250.48	19	0.00	19
206	-35	-36	Min.	54.07	52.54	25	0.00	19	0.00	19	-701.07	19	-622.48	19	0.00	19
206	-36	-37	Max	0.00	0.00	19	0.00	19	0.00	19	614.74	19	-507.35	25	0.00	19
206	-36	-37	Max	79.47	0.00	19	0.00	19	0.00	19	576.41	19	-211.03	25	0.00	19
206	-36	-37	Min.	0.00	0.00	19	0.00	19	0.00	19	392.05	25	-783.44	19	0.00	25
206	-36	-37	Min.	79.47	0.00	19	0.00	19	0.00	19	353.72	25	-310.16	19	0.00	25

206	-37	-38	Max	0.00	0.00	19	0.00	19	0.00	19	264.46	19	-211.02	25	0.00	19
206	-37	-38	Max	133.53	0.00	19	0.00	19	0.00	19	200.06	19	0.01	19	0.00	19
206	-37	-38	Min.	0.00	0.00	19	0.00	19	0.00	19	190.23	25	-310.14	19	0.00	25
206	-37	-38	Min.	133.53	0.00	19	0.00	19	0.00	19	125.83	25	0.00	25	0.00	25
301	-3	-60	Max	0.00	0.00	19	0.00	19	0.00	19	100.03	19	-52.46	25	0.00	19
301	-3	-60	Max	150.00	0.00	19	0.00	19	0.00	19	20.89	19	0.00	25	0.00	19
301	-3	-60	Min.	0.00	0.00	19	0.00	19	0.00	19	62.91	25	-90.69	19	0.00	19
301	-3	-60	Min.	150.00	0.00	19	0.00	19	0.00	19	7.03	25	0.00	32	0.00	19
301	-59	-3	Max	0.00	0.00	19	0.00	19	0.00	19	-7.03	25	0.00	25	0.00	19
301	-59	-3	Max	150.00	0.00	19	0.00	19	0.00	19	-62.91	25	-52.46	25	0.00	19
301	-59	-3	Min.	0.00	0.00	19	0.00	19	0.00	19	-20.89	19	0.00	19	0.00	19
301	-59	-3	Min.	150.00	0.00	19	0.00	19	0.00	19	-100.03	19	-90.69	19	0.00	19
302	-4	-47	Max	0.00	0.00	19	0.00	19	0.00	19	155.97	19	-71.86	25	0.00	19
302	-4	-47	Max	150.00	0.00	19	0.00	19	0.00	19	41.78	19	0.00	19	0.00	19
302	-4	-47	Min.	0.00	0.00	19	0.00	19	0.00	19	81.74	25	-148.32	19	0.00	19
302	-4	-47	Min.	150.00	0.00	19	0.00	19	0.00	19	14.06	25	0.00	25	0.00	19
302	-46	-4	Max	0.00	0.00	19	0.00	19	0.00	19	-14.06	25	0.00	19	0.00	19
302	-46	-4	Max	150.00	0.00	19	0.00	19	0.00	19	-81.74	25	-71.86	25	0.00	19
302	-46	-4	Min.	0.00	0.00	19	0.00	19	0.00	19	-41.78	19	0.00	25	0.00	19
302	-46	-4	Min.	150.00	0.00	19	0.00	19	0.00	19	-155.97	19	-148.32	19	0.00	19
303	-6	-48	Max	0.00	0.00	19	0.00	19	0.00	19	155.97	19	-71.86	25	0.00	19
303	-6	-48	Max	150.00	0.00	19	0.00	19	0.00	19	41.78	19	0.00	19	0.00	19
303	-6	-48	Min.	0.00	0.00	19	0.00	19	0.00	19	81.74	25	-148.32	19	0.00	19
303	-6	-48	Min.	150.00	0.00	19	0.00	19	0.00	19	14.06	25	0.00	25	0.00	19
303	-49	-6	Max	0.00	0.00	19	0.00	19	0.00	19	-14.06	25	0.00	32	0.00	19
303	-49	-6	Max	150.00	0.00	19	0.00	19	0.00	19	-81.74	25	-71.86	25	0.00	19
303	-49	-6	Min.	0.00	0.00	19	0.00	19	0.00	19	-41.78	19	0.00	19	0.00	19
303	-49	-6	Min.	150.00	0.00	19	0.00	19	0.00	19	-155.97	19	-148.32	19	0.00	19
304	-7	-96	Max	0.00	0.00	19	0.00	19	0.00	19	155.97	19	-71.86	25	0.00	19
304	-7	-96	Max	150.00	0.00	19	0.00	19	0.00	19	41.78	19	0.00	19	0.00	19
304	-7	-96	Min.	0.00	0.00	19	0.00	19	0.00	19	81.74	25	-148.32	19	0.00	19
304	-7	-96	Min.	150.00	0.00	19	0.00	19	0.00	19	14.06	25	0.00	32	0.00	19
304	-95	-7	Max	0.00	0.00	19	0.00	19	0.00	19	-14.06	25	0.00	19	0.00	19
304	-95	-7	Max	150.00	0.00	19	0.00	19	0.00	19	-81.74	25	-71.86	25	0.00	19
304	-95	-7	Min.	0.00	0.00	19	0.00	19	0.00	19	-41.78	19	0.00	32	0.00	19
304	-95	-7	Min.	150.00	0.00	19	0.00	19	0.00	19	-155.97	19	-148.32	19	0.00	19
305	-8	-66	Max	0.00	0.00	19	0.00	19	0.00	19	155.97	19	-71.86	25	0.00	19
305	-8	-66	Max	150.00	0.00	19	0.00	19	0.00	19	41.78	19	0.00	25	0.00	19
305	-8	-66	Min.	0.00	0.00	19	0.00	19	0.00	19	81.74	25	-148.32	19	0.00	19
305	-8	-66	Min.	150.00	0.00	19	0.00	19	0.00	19	14.06	25	0.00	19	0.00	19
305	-67	-8	Max	0.00	0.00	19	0.00	19	0.00	19	-14.06	25	0.00	19	0.00	19
305	-67	-8	Max	150.00	0.00	19	0.00	19	0.00	19	-81.74	25	-71.86	25	0.00	19
305	-67	-8	Min.	0.00	0.00	19	0.00	19	0.00	19	-41.78	19	0.00	25	0.00	19
305	-67	-8	Min.	150.00	0.00	19	0.00	19	0.00	19	-155.97	19	-148.32	19	0.00	19
306	-9	-69	Max	0.00	0.00	19	0.00	19	0.00	19	155.97	19	-71.86	25	0.00	19
306	-9	-69	Max	150.00	0.00	19	0.00	19	0.00	19	41.78	19	0.00	25	0.00	19
306	-9	-69	Min.	0.00	0.00	19	0.00	19	0.00	19	81.74	25	-148.32	19	0.00	19
306	-9	-69	Min.	150.00	0.00	19	0.00	19	0.00	19	14.06	25	0.00	19	0.00	19
306	-68	-9	Max	0.00	0.00	19	0.00	19	0.00	19	-14.06	25	0.00	25	0.00	19
306	-68	-9	Max	150.00	0.00	19	0.00	19	0.00	19	-81.74	25	-71.86	25	0.00	19
306	-68	-9	Min.	0.00	0.00	19	0.00	19	0.00	19	-41.78	19	0.00	19	0.00	19
306	-68	-9	Min.	150.00	0.00	19	0.00	19	0.00	19	-155.97	19	-148.32	19	0.00	19
307	-11	-70	Max	0.00	0.00	19	0.00	19	0.00	19	155.97	19	-71.86	25	0.00	19
307	-11	-70	Max	150.00	0.00	19	0.00	19	0.00	19	41.78	19	0.00	25	0.00	19
307	-11	-70	Min.	0.00	0.00	19	0.00	19	0.00	19	81.74	25	-148.32	19	0.00	19
307	-11	-70	Min.	150.00	0.00	19	0.00	19	0.00	19	14.06	25	0.00	19	0.00	19
307	-71	-11	Max	0.00	0.00	19	0.00	19	0.00	19	-14.06	25	0.00	25	0.00	19
307	-71	-11	Max	150.00	0.00	19	0.00	19	0.00	19	-81.74	25	-71.86	25	0.00	19
307	-71	-11	Min.	0.00	0.00	19	0.00	19	0.00	19	-41.78	19	0.00	32	0.00	19
307	-71	-11	Min.	150.00	0.00	19	0.00	19	0.00	19	-155.97	19	-148.32	19	0.00	19
308	-12	-72	Max	0.00	0.00	19	0.00	19	0.00	19	155.97	19	-71.86	25	0.00	19
308	-12	-72	Max	150.00	0.00	19	0.00	19	0.00	19	41.78	19	0.00	25	0.00	19
308	-12	-72	Min.	0.00	0.00	19	0.00	19	0.00	19	81.74	25	-148.32	19	0.00	19
308	-12	-72	Min.	150.00	0.00	19	0.00	19	0.00	19	14.06	25	0.00	19	0.00	19
308	-73	-12	Max	0.00	0.00	19	0.00	19	0.00	19	-14.06	25	0.00	32	0.00	19
308	-73	-12	Max	150.00	0.00	19	0.00	19	0.00	19	-81.74	25	-71.86	25	0.00	19
308	-73	-12	Min.	0.00	0.00	19	0.00	19	0.00	19	-41.78	19	0.00	19	0.00	19
308	-73	-12	Min.	150.00	0.00	19	0.00	19	0.00	19	-155.97	19	-148.32	19	0.00	19
309	-13	-74	Max	0.00	0.00	19	0.00	19	0.00	19	155.97	19	-71.86	25	0.00	19
309	-13	-74	Max	150.00	0.00	19	0.00	19	0.00	19	41.78	19	0.00	25	0.00	19
309	-13	-74	Min.	0.00	0.00	19	0.00	19	0.00	19	81.74	25	-148.32	19	0.00	19
309	-13	-74	Min.	150.00	0.00	19	0.00	19	0.00	19	14.06	25	0.00	19	0.00	19
309	-75	-13	Max	0.00	0.00	19	0.00	19	0.00	19	-14.06	25	0.00	19	0.00	19
309	-75	-13	Max	150.00	0.00	19	0.00	19	0.00	19	-81.74	25	-71.86	25	0.00	19
309	-75	-13	Min.	0.00	0.00	19	0.00	19	0.00	19	-41.78	19	0.00	25	0.00	19
309	-75	-13	Min.	150.00	0.00	19	0.00	19	0.00	19	-155.97	19	-148.32	19	0.00	19
310	-14	-90	Max	0.00	0.00	19	0.00	19	0.00	19	155.97	19	-71.86	25	0.00	19
310	-14	-90	Max	150.00	0.00	19	0.00	19	0.00	19	41.78	19	0.00	25	0.00	19
310	-14	-90	Min.	0.00	0.00	19	0.00	19	0.00	19	81.74	25	-148.32	19	0.00	19
310	-14	-90	Min.	150.00	0.00	19	0.00	19	0.00	19	14.06	25	0.00	19	0.00	19
310	-91	-14	Max	0.00	0.00	19	0.00	19	0.00	19	-14.06	25	0.00	32	0.00	19
310	-91	-14	Max	150.00	0.00	19	0.00	19	0.00	19	-81.74	25	-71.86	25	0.00	19
310	-91	-14	Min.	0.00	0.00	19	0.00	19	0.00	19	-41.78	19	0.00	19	0.00	19
310	-91	-14	Min.	150.00	0.00	19	0.00	19	0.00	19	-155.97	19	-148.32	19	0.00	19
311	-15	-92	Max	0.00	0.00	19	0.00	19	0.00	19	155.97	19	-71.86	25	0.00	19
311	-15	-92	Max	150.00	0.00	19	0.00	19	0.00	19	41.78	19	0.00	25	0.00	19
311	-15	-92	Min.	0.00	0.00	19	0.00	19	0.00	19	81.74	25	-148.32	19	0.00	19
311	-15	-92	Min.	150.00	0.00	19	0.00	19	0.00	19	14.06	25	0.00	19	0.00	19
311	-93	-15	Max	0.00	0.00	19	0.00	19	0.00	19	-14.06	25	0.00	19	0.00	19
311	-93	-15	Max	150.00	0.00	19	0.00	19	0.00	19	-81.74	25	-71.86	25	0.00	19
311	-93	-15	Min.	0.00	0.00	19	0.00	19	0.00	19	-41.78	19	0.00	25	0.00	19
311	-93	-15	Min.	150.00	0.00	19	0.00	19	0.00	19	-155.97	19	-148.32	19	0.00	19
312	-16	-98	Max	0.00	0.00	19	0.00	19	0.00	19	155.97	19	-71.86	25	0.00	19
312	-16	-98	Max	150.00	0.00	19	0.00	19	0.00	19	41.78	19	0.00	19	0.00	19
312	-16	-98	Min.	0.00	0.00	19	0.00	19	0.00	19	81.74	25	-148.32	19	0.00	19
312	-16	-98	Min.	150.00	0.00	19	0.00	19	0.00	19	14.06	25	0.00	32	0.00	19
312	-94	-16	Max	0.00	0.00	19	0.00	19	0.00	19	-14.06	25	0.00	25	0.00	19
312	-94	-16	Max	150.00	0.00	19	0.00	19	0.00	19	-81.74	25	-71.86	25	0.00	19
312	-94	-16	Min.	0.00	0.00	19	0.00	19	0.00	19	-41.78	19	0.00	19	0.00	19
312	-94	-16	Min.	150.00	0.00	19	0.00	19	0.00	19	-155.97	19	-148.32	19	0.00	19
313	-17	-97	Max	0.00	0.00	19	0.00	19	0.00	19	155.97	19	-71.86	25	0.00	19

313	-17	-97	Max	150.00	0.00	19	0.00	19	0.00	19	41.78	19	0.00	19	0.00	19
313	-17	-97	Min.	0.00	0.00	19	0.00	19	0.00	19	81.74	25	-148.32	19	0.00	19
313	-17	-97	Min.	150.00	0.00	19	0.00	19	0.00	19	14.06	25	0.00	32	0.00	19
313	-42	-17	Max	0.00	0.00	19	0.00	19	0.00	19	-14.06	25	0.00	25	0.00	19
313	-42	-17	Max	150.00	0.00	19	0.00	19	0.00	19	-81.74	25	-71.86	25	0.00	19
313	-42	-17	Min.	0.00	0.00	19	0.00	19	0.00	19	-41.78	19	0.00	19	0.00	19
313	-42	-17	Min.	150.00	0.00	19	0.00	19	0.00	19	-155.97	19	-148.32	19	0.00	19
314	-18	-43	Max	0.00	0.00	19	0.00	19	0.00	19	155.97	19	-71.86	25	0.00	19
314	-18	-43	Max	150.00	0.00	19	0.00	19	0.00	19	41.78	19	0.00	19	0.00	19
314	-18	-43	Min.	0.00	0.00	19	0.00	19	0.00	19	81.74	25	-148.32	19	0.00	19
314	-18	-43	Min.	150.00	0.00	19	0.00	19	0.00	19	14.06	25	0.00	32	0.00	19
314	-44	-18	Max	0.00	0.00	19	0.00	19	0.00	19	-14.06	25	0.00	32	0.00	19
314	-44	-18	Max	150.00	0.00	19	0.00	19	0.00	19	-81.74	25	-71.86	25	0.00	19
314	-44	-18	Min.	0.00	0.00	19	0.00	19	0.00	19	-41.78	19	0.00	25	0.00	19
314	-44	-18	Min.	150.00	0.00	19	0.00	19	0.00	19	-155.97	19	-148.32	19	0.00	19
315	-19	-45	Max	0.00	0.00	19	0.00	19	0.00	19	155.97	19	-71.86	25	0.00	19
315	-19	-45	Max	150.00	0.00	19	0.00	19	0.00	19	41.78	19	0.00	19	0.00	19
315	-19	-45	Min.	0.00	0.00	19	0.00	19	0.00	19	81.74	25	-148.32	19	0.00	19
315	-19	-45	Min.	150.00	0.00	19	0.00	19	0.00	19	14.06	25	0.00	32	0.00	19
315	-58	-19	Max	0.00	0.00	19	0.00	19	0.00	19	-14.06	25	0.00	19	0.00	19
315	-58	-19	Max	150.00	0.00	19	0.00	19	0.00	19	-81.74	25	-71.86	25	0.00	19
315	-58	-19	Min.	0.00	0.00	19	0.00	19	0.00	19	-41.78	19	0.00	25	0.00	19
315	-58	-19	Min.	150.00	0.00	19	0.00	19	0.00	19	-155.97	19	-148.32	19	0.00	19
316	-20	-63	Max	0.00	0.00	19	0.00	19	0.00	19	100.03	19	-52.46	25	0.00	19
316	-20	-63	Max	150.00	0.00	19	0.00	19	0.00	19	20.89	19	0.00	25	0.00	19
316	-20	-63	Min.	0.00	0.00	19	0.00	19	0.00	19	62.91	25	-90.69	19	0.00	19
316	-20	-63	Min.	150.00	0.00	19	0.00	19	0.00	19	7.03	25	0.00	19	0.00	19
316	-65	-20	Max	0.00	0.00	19	0.00	19	0.00	19	-7.03	25	0.00	32	0.00	19
316	-65	-20	Max	150.00	0.00	19	0.00	19	0.00	19	-62.91	25	-52.46	25	0.00	19
316	-65	-20	Min.	0.00	0.00	19	0.00	19	0.00	19	-20.89	19	0.00	25	0.00	19
316	-65	-20	Min.	150.00	0.00	19	0.00	19	0.00	19	-100.03	19	-90.69	19	0.00	19
317	-21	-51	Max	0.00	0.00	19	0.00	19	0.00	19	100.03	19	-52.46	25	0.00	19
317	-21	-51	Max	150.00	0.00	19	0.00	19	0.00	19	20.89	19	0.00	25	0.00	19
317	-21	-51	Min.	0.00	0.00	19	0.00	19	0.00	19	62.91	25	-90.69	19	0.00	19
317	-21	-51	Min.	150.00	0.00	19	0.00	19	0.00	19	7.03	25	0.00	32	0.00	19
317	-50	-21	Max	0.00	0.00	19	0.00	19	0.00	19	-7.03	25	0.00	19	0.00	19
317	-50	-21	Max	150.00	0.00	19	0.00	19	0.00	19	-62.91	25	-52.46	25	0.00	19
317	-50	-21	Min.	0.00	0.00	19	0.00	19	0.00	19	-20.89	19	0.00	25	0.00	19
317	-50	-21	Min.	150.00	0.00	19	0.00	19	0.00	19	-100.03	19	-90.69	19	0.00	19
318	-22	-53	Max	0.00	0.00	19	0.00	19	0.00	19	155.97	19	-71.86	25	0.00	19
318	-22	-53	Max	150.00	0.00	19	0.00	19	0.00	19	41.78	19	0.00	19	0.00	19
318	-22	-53	Min.	0.00	0.00	19	0.00	19	0.00	19	81.74	25	-148.32	19	0.00	19
318	-22	-53	Min.	150.00	0.00	19	0.00	19	0.00	19	14.06	25	0.00	32	0.00	19
318	-52	-22	Max	0.00	0.00	19	0.00	19	0.00	19	-14.06	25	0.00	19	0.00	19
318	-52	-22	Max	150.00	0.00	19	0.00	19	0.00	19	-81.74	25	-71.86	25	0.00	19
318	-52	-22	Min.	0.00	0.00	19	0.00	19	0.00	19	-41.78	19	0.00	25	0.00	19
318	-52	-22	Min.	150.00	0.00	19	0.00	19	0.00	19	-155.97	19	-148.32	19	0.00	19
319	-23	-55	Max	0.00	0.00	19	0.00	19	0.00	19	155.97	19	-71.86	25	0.00	19
319	-23	-55	Max	150.00	0.00	19	0.00	19	0.00	19	41.78	19	0.00	19	0.00	19
319	-23	-55	Min.	0.00	0.00	19	0.00	19	0.00	19	81.74	25	-148.32	19	0.00	19
319	-23	-55	Min.	150.00	0.00	19	0.00	19	0.00	19	14.06	25	0.00	32	0.00	19
319	-54	-23	Max	0.00	0.00	19	0.00	19	0.00	19	-14.06	25	0.00	19	0.00	19
319	-54	-23	Max	150.00	0.00	19	0.00	19	0.00	19	-81.74	25	-71.86	25	0.00	19
319	-54	-23	Min.	0.00	0.00	19	0.00	19	0.00	19	-41.78	19	0.00	25	0.00	19
319	-54	-23	Min.	150.00	0.00	19	0.00	19	0.00	19	-155.97	19	-148.32	19	0.00	19
320	-24	-57	Max	0.00	0.00	19	0.00	19	0.00	19	155.97	19	-71.86	25	0.00	19
320	-24	-57	Max	150.00	0.00	19	0.00	19	0.00	19	41.78	19	0.00	19	0.00	19
320	-24	-57	Min.	0.00	0.00	19	0.00	19	0.00	19	81.74	25	-148.32	19	0.00	19
320	-24	-57	Min.	150.00	0.00	19	0.00	19	0.00	19	14.06	25	0.00	25	0.00	19
320	-56	-24	Max	0.00	0.00	19	0.00	19	0.00	19	-14.06	25	0.00	32	0.00	19
320	-56	-24	Max	150.00	0.00	19	0.00	19	0.00	19	-81.74	25	-71.86	25	0.00	19
320	-56	-24	Min.	0.00	0.00	19	0.00	19	0.00	19	-41.78	19	0.00	19	0.00	19
320	-56	-24	Min.	150.00	0.00	19	0.00	19	0.00	19	-155.97	19	-148.32	19	0.00	19
322	-25	-41	Max	0.00	0.00	19	0.00	19	0.00	19	155.97	19	-71.86	25	0.00	19
322	-25	-41	Max	150.00	0.00	19	0.00	19	0.00	19	41.78	19	0.00	19	0.00	19
322	-25	-41	Min.	0.00	0.00	19	0.00	19	0.00	19	81.74	25	-148.32	19	0.00	19
322	-25	-41	Min.	150.00	0.00	19	0.00	19	0.00	19	14.06	25	0.00	25	0.00	19
322	-64	-25	Max	0.00	0.00	19	0.00	19	0.00	19	-14.06	25	0.00	32	0.00	19
322	-64	-25	Max	150.00	0.00	19	0.00	19	0.00	19	-81.74	25	-71.86	25	0.00	19
322	-64	-25	Min.	0.00	0.00	19	0.00	19	0.00	19	-41.78	19	0.00	19	0.00	19
322	-64	-25	Min.	150.00	0.00	19	0.00	19	0.00	19	-155.97	19	-148.32	19	0.00	19
323	-26	-77	Max	0.00	0.00	19	0.00	19	0.00	19	155.97	19	-71.86	25	0.00	19
323	-26	-77	Max	150.00	0.00	19	0.00	19	0.00	19	41.78	19	0.00	19	0.00	19
323	-26	-77	Min.	0.00	0.00	19	0.00	19	0.00	19	81.74	25	-148.32	19	0.00	19
323	-26	-77	Min.	150.00	0.00	19	0.00	19	0.00	19	14.06	25	0.00	32	0.00	19
323	-76	-26	Max	0.00	0.00	19	0.00	19	0.00	19	-14.06	25	0.00	25	0.00	19
323	-76	-26	Max	150.00	0.00	19	0.00	19	0.00	19	-81.74	25	-71.86	25	0.00	19
323	-76	-26	Min.	0.00	0.00	19	0.00	19	0.00	19	-41.78	19	0.00	32	0.00	19
323	-76	-26	Min.	150.00	0.00	19	0.00	19	0.00	19	-155.97	19	-148.32	19	0.00	19
324	-27	-79	Max	0.00	0.00	19	0.00	19	0.00	19	155.97	19	-71.86	25	0.00	19
324	-27	-79	Max	150.00	0.00	19	0.00	19	0.00	19	41.78	19	0.00	19	0.00	19
324	-27	-79	Min.	0.00	0.00	19	0.00	19	0.00	19	81.74	25	-148.32	19	0.00	19
324	-27	-79	Min.	150.00	0.00	19	0.00	19	0.00	19	14.06	25	0.00	32	0.00	19
324	-78	-27	Max	0.00	0.00	19	0.00	19	0.00	19	-14.06	25	0.00	25	0.00	19
324	-78	-27	Max	150.00	0.00	19	0.00	19	0.00	19	-81.74	25	-71.86	25	0.00	19
324	-78	-27	Min.	0.00	0.00	19	0.00	19	0.00	19	-41.78	19	0.00	19	0.00	19
324	-78	-27	Min.	150.00	0.00	19	0.00	19	0.00	19	-155.97	19	-148.32	19	0.00	19
325	-28	-81	Max	0.00	0.00	19	0.00	19	0.00	19	155.97	19	-71.86	25	0.00	19
325	-28	-81	Max	150.00	0.00	19	0.00	19	0.00	19	41.78	19	0.00	19	0.00	19
325	-28	-81	Min.	0.00	0.00	19	0.00	19	0.00	19	81.74	25	-148.32	19	0.00	19
325	-28	-81	Min.	150.00	0.00	19	0.00	19	0.00	19	14.06	25	0.00	32	0.00	19
325	-80	-28	Max	0.00	0.00	19	0.00	19	0.00	19	-14.06	25	0.00	32	0.00	19
325	-80	-28	Max	150.00	0.00	19	0.00	19	0.00	19	-81.74	25	-71.86	25	0.00	19
325	-80	-28	Min.	0.00	0.00	19	0.00	19	0.00	19	-41.78	19	0.00	19	0.00	19
325	-80	-28	Min.	150.00	0.00	19	0.00	19	0.00	19	-155.97	19	-148.32	19	0.00	19
326	-29	-83	Max	0.00	0.00	19	0.00	19	0.00	19	155.97	19	-71.86	25	0.00	19
326	-29	-83	Max	150.00	0.00	19	0.00	19	0.00	19	41.78	19	0.00	19	0.00	19
326	-29	-83	Min.	0.00	0.00	19	0.00	19	0.00	19	81.74	25	-148.32	19	0.00	19
326	-29	-83	Min.	150.00	0.00	19	0.00	19	0.00	19	14.06	25	0.00	25	0.00	19
326	-82	-29	Max	0.00	0.00	19	0.00	19	0.00	19	-14.06	25	0.00	32	0.00	19
326	-82	-29	Max	150.00	0.00	19	0.00	19	0.00	19	-81.74	25	-71.86	25	0.00	19

326	-82	-29	Min.	0.00	0.00	19	0.00	19	0.00	19	-41.78	19	0.00	19	0.00	19
326	-82	-29	Min.	150.00	0.00	19	0.00	19	0.00	19	-155.97	19	-148.32	19	0.00	19
327	-30	-85	Max	0.00	0.00	19	0.00	19	0.00	19	155.97	19	-71.86	25	0.00	19
327	-30	-85	Max	150.00	0.00	19	0.00	19	0.00	19	41.78	19	0.00	19	0.00	19
327	-30	-85	Min.	0.00	0.00	19	0.00	19	0.00	19	81.74	25	-148.32	19	0.00	19
327	-30	-85	Min.	150.00	0.00	19	0.00	19	0.00	19	14.06	25	0.00	32	0.00	19
327	-84	-30	Max	0.00	0.00	19	0.00	19	0.00	19	-14.06	25	0.00	19	0.00	19
327	-84	-30	Max	150.00	0.00	19	0.00	19	0.00	19	-81.74	25	-71.86	25	0.00	19
327	-84	-30	Min.	0.00	0.00	19	0.00	19	0.00	19	-41.78	19	0.00	32	0.00	19
327	-84	-30	Min.	150.00	0.00	19	0.00	19	0.00	19	-155.97	19	-148.32	19	0.00	19
329	-32	-86	Max	0.00	0.00	19	0.00	19	0.00	19	155.97	19	-71.86	25	0.00	19
329	-32	-86	Max	150.00	0.00	19	0.00	19	0.00	19	41.78	19	0.00	19	0.00	19
329	-32	-86	Min.	0.00	0.00	19	0.00	19	0.00	19	81.74	25	-148.32	19	0.00	19
329	-32	-86	Min.	150.00	0.00	19	0.00	19	0.00	19	14.06	25	0.00	32	0.00	19
329	-87	-32	Max	0.00	0.00	19	0.00	19	0.00	19	-14.06	25	0.00	19	0.00	19
329	-87	-32	Max	150.00	0.00	19	0.00	19	0.00	19	-81.74	25	-71.86	25	0.00	19
329	-87	-32	Min.	0.00	0.00	19	0.00	19	0.00	19	-41.78	19	0.00	32	0.00	19
329	-87	-32	Min.	150.00	0.00	19	0.00	19	0.00	19	-155.97	19	-148.32	19	0.00	19
330	-33	-89	Max	0.00	0.00	19	0.00	19	0.00	19	155.97	19	-71.86	25	0.00	19
330	-33	-89	Max	150.00	0.00	19	0.00	19	0.00	19	41.78	19	0.00	19	0.00	19
330	-33	-89	Min.	0.00	0.00	19	0.00	19	0.00	19	81.74	25	-148.32	19	0.00	19
330	-33	-89	Min.	150.00	0.00	19	0.00	19	0.00	19	14.06	25	0.00	32	0.00	19
330	-88	-33	Max	0.00	0.00	19	0.00	19	0.00	19	-14.06	25	0.00	25	0.00	19
330	-88	-33	Max	150.00	0.00	19	0.00	19	0.00	19	-81.74	25	-71.86	25	0.00	19
330	-88	-33	Min.	0.00	0.00	19	0.00	19	0.00	19	-41.78	19	0.00	19	0.00	19
330	-88	-33	Min.	150.00	0.00	19	0.00	19	0.00	19	-155.97	19	-148.32	19	0.00	19
331	-34	-61	Max	0.00	0.00	19	0.00	19	0.00	19	155.97	19	-71.86	25	0.00	19
331	-34	-61	Max	150.00	0.00	19	0.00	19	0.00	19	41.78	19	0.00	19	0.00	19
331	-34	-61	Min.	0.00	0.00	19	0.00	19	0.00	19	81.74	25	-148.32	19	0.00	19
331	-34	-61	Min.	150.00	0.00	19	0.00	19	0.00	19	14.06	25	0.00	32	0.00	19
331	-62	-34	Max	0.00	0.00	19	0.00	19	0.00	19	-14.06	25	0.00	25	0.00	19
331	-62	-34	Max	150.00	0.00	19	0.00	19	0.00	19	-81.74	25	-71.86	25	0.00	19
331	-62	-34	Min.	0.00	0.00	19	0.00	19	0.00	19	-41.78	19	0.00	19	0.00	19
331	-62	-34	Min.	150.00	0.00	19	0.00	19	0.00	19	-155.97	19	-148.32	19	0.00	19
332	-35	-102	Max	0.00	0.00	19	0.00	19	0.00	19	155.97	19	-71.86	25	0.00	19
332	-35	-102	Max	150.00	0.00	19	0.00	19	0.00	19	41.78	19	0.00	19	0.00	19
332	-35	-102	Min.	0.00	0.00	19	0.00	19	0.00	19	81.74	25	-148.32	19	0.00	19
332	-35	-102	Min.	150.00	0.00	19	0.00	19	0.00	19	14.06	25	0.00	32	0.00	19
332	-101	-35	Max	0.00	0.00	19	0.00	19	0.00	19	-14.06	25	0.00	32	0.00	19
332	-101	-35	Max	150.00	0.00	19	0.00	19	0.00	19	-81.74	25	-71.86	25	0.00	19
332	-101	-35	Min.	0.00	0.00	19	0.00	19	0.00	19	-41.78	19	0.00	19	0.00	19
332	-101	-35	Min.	150.00	0.00	19	0.00	19	0.00	19	-155.97	19	-148.32	19	0.00	19
333	-37	-103	Max	0.00	0.00	19	0.00	19	0.00	19	155.97	19	-71.86	25	0.00	19
333	-37	-103	Max	150.00	0.00	19	0.00	19	0.00	19	41.78	19	0.00	19	0.00	19
333	-37	-103	Min.	0.00	0.00	19	0.00	19	0.00	19	81.74	25	-148.32	19	0.00	19
333	-37	-103	Min.	150.00	0.00	19	0.00	19	0.00	19	14.06	25	0.00	32	0.00	19
333	-104	-37	Max	0.00	0.00	19	0.00	19	0.00	19	-14.06	25	0.00	19	0.00	19
333	-104	-37	Max	150.00	0.00	19	0.00	19	0.00	19	-81.74	25	-71.86	25	0.00	19
333	-104	-37	Min.	0.00	0.00	19	0.00	19	0.00	19	-41.78	19	0.00	32	0.00	19
333	-104	-37	Min.	150.00	0.00	19	0.00	19	0.00	19	-155.97	19	-148.32	19	0.00	19
334	-38	-99	Max	0.00	0.00	19	0.00	19	0.00	19	100.03	19	-52.46	25	0.00	19
334	-38	-99	Max	150.00	0.00	19	0.00	19	0.00	19	20.89	19	0.00	25	0.00	19
334	-38	-99	Min.	0.00	0.00	19	0.00	19	0.00	19	62.91	25	-90.69	19	0.00	19
334	-38	-99	Min.	150.00	0.00	19	0.00	19	0.00	19	7.03	25	0.00	19	0.00	19
334	-100	-38	Max	0.00	0.00	19	0.00	19	0.00	19	-7.03	25	0.00	19	0.00	19
334	-100	-38	Max	150.00	0.00	19	0.00	19	0.00	19	-62.91	25	-52.46	25	0.00	19
334	-100	-38	Min.	0.00	0.00	19	0.00	19	0.00	19	-20.89	19	0.00	25	0.00	19
334	-100	-38	Min.	150.00	0.00	19	0.00	19	0.00	19	-100.03	19	-90.69	19	0.00	19

Tipo di combinazione di carico: SLE Q

Asta	N1	N2		X <cm>	N <daN>	CC	Ty <daN>	CC	Mz <daNm>	CC	Tz <daN>	CC	My <daNm>	CC	Mx <daNm>	CC
1	1	-5	Max	0.00	-1183.69	20	-59.73	20	65.10	20	0.00	20	0.00	20	0.00	20
1	1	-5	Max	330.00	-994.46	20	-59.73	20	-132.00	20	0.00	20	0.00	20	0.00	20
1	1	-5	Min.	0.00	-1183.69	20	-59.73	20	65.10	20	0.00	20	0.00	20	0.00	20
1	1	-5	Min.	330.00	-994.46	20	-59.73	20	-132.00	20	0.00	20	0.00	20	0.00	20
2	2	-10	Max	0.00	-1471.04	20	97.22	20	-106.09	20	0.00	20	0.00	20	0.00	20
2	2	-10	Max	330.00	-1281.81	20	97.22	20	214.72	20	0.00	20	0.00	20	0.00	20
2	2	-10	Min.	0.00	-1471.04	20	97.22	20	-106.09	20	0.00	20	0.00	20	0.00	20
2	2	-10	Min.	330.00	-1281.81	20	97.22	20	214.72	20	0.00	20	0.00	20	0.00	20
3	3	203	Max	0.00	-1600.32	20	-60.50	20	65.98	20	0.00	20	0.00	20	0.00	20
3	3	203	Max	330.00	-1411.08	20	-60.50	20	-133.68	20	0.00	20	0.00	20	0.00	20
3	3	203	Min.	0.00	-1600.32	20	-60.50	20	65.98	20	0.00	20	0.00	20	0.00	20
3	3	203	Min.	330.00	-1411.08	20	-60.50	20	-133.68	20	0.00	20	0.00	20	0.00	20
4	4	204	Max	0.00	-1423.57	20	0.00	20	0.00	20	0.00	20	0.00	20	0.00	20
4	4	204	Max	330.00	-1234.34	20	0.00	20	0.00	20	0.00	20	0.00	20	0.00	20
4	4	204	Min.	0.00	-1423.57	20	0.00	20	0.00	20	0.00	20	0.00	20	0.00	20
4	4	204	Min.	330.00	-1234.34	20	0.00	20	0.00	20	0.00	20	0.00	20	0.00	20
5	5	205	Max	0.00	-1600.32	20	-60.50	20	65.98	20	0.00	20	0.00	20	0.00	20
5	5	205	Max	330.00	-1411.08	20	-60.50	20	-133.68	20	0.00	20	0.00	20	0.00	20
5	5	205	Min.	0.00	-1600.32	20	-60.50	20	65.98	20	0.00	20	0.00	20	0.00	20
5	5	205	Min.	330.00	-1411.08	20	-60.50	20	-133.68	20	0.00	20	0.00	20	0.00	20
6	6	-31	Max	0.00	-1471.04	20	97.22	20	-106.09	20	0.00	20	0.00	20	0.00	20
6	6	-31	Max	330.00	-1281.81	20	97.22	20	214.73	20	0.00	20	0.00	20	0.00	20
6	6	-31	Min.	0.00	-1471.04	20	97.22	20	-106.09	20	0.00	20	0.00	20	0.00	20
6	6	-31	Min.	330.00	-1281.81	20	97.22	20	214.73	20	0.00	20	0.00	20	0.00	20
7	7	-36	Max	0.00	-1183.69	20	-59.73	20	65.11	20	0.00	20	0.00	20	0.00	20
7	7	-36	Max	330.00	-994.46	20	-59.73	20	-132.01	20	0.00	20	0.00	20	0.00	20
7	7	-36	Min.	0.00	-1183.69	20	-59.73	20	65.11	20	0.00	20	0.00	20	0.00	20
7	7	-36	Min.	330.00	-994.46	20	-59.73	20	-132.01	20	0.00	20	0.00	20	0.00	20
201	-4	-3	Max	0.00	0.00	20	0.00	20	0.00	20	216.51	20	-246.11	20	0.00	20
201	-4	-3	Max	133.53	0.00	20	0.00	20	0.00	20	152.11	20	0.00	20	0.00	20
201	-4	-3	Min.	0.00	0.00	20	0.00	20	0.00	20	216.51	20	-246.11	20	0.00	20
201	-4	-3	Min.	133.53	0.00	20	0.00	20	0.00	20	152.11	20	0.00	20	0.00	20
201	-5	-4	Max	0.00	0.00	20	0.00	20	0.00	20	470.88	20	-605.07	20	0.00	20
201	-5	-4	Max	79.47	0.00	20	0.00	20	0.00	20	432.55	20	-246.11	20	0.00	20
201	-5	-4	Min.	0.00	0.00	20	0.00	20	0.00	20	470.88	20	-605.07	20	0.00	20
201	-5	-4	Min.	79.47	0.00	20	0.00	20	0.00	20	432.55	20	-246.11	20	0.00	20
201	-6	-5	Max	0.00	59.73	20	0.00	20	0.00	20	-497.50	20	-197.04	20	0.00	20
201	-6	-5	Max	54.07	59.73	20	0.00	20	0.00	20	-523.58	20	-473.07	20	0.00	20

201	-6	-5	Min.	0.00	59.73	20	0.00	20	0.00	20	-497.50	20	-197.04	20	0.00	20
201	-6	-5	Min.	54.07	59.73	20	0.00	20	0.00	20	-523.58	20	-473.07	20	0.00	20
201	-7	-6	Max	0.00	59.73	20	0.00	20	0.00	20	-217.05	20	135.80	20	0.00	20
201	-7	-6	Max	133.53	59.73	20	0.00	20	0.00	20	-281.45	20	-197.04	20	0.00	20
201	-7	-6	Min.	0.00	59.73	20	0.00	20	0.00	20	-217.05	20	135.80	20	0.00	20
201	-7	-6	Min.	133.53	59.73	20	0.00	20	0.00	20	-281.45	20	-197.04	20	0.00	20
201	-8	-7	Max	0.00	59.73	20	0.00	20	0.00	20	63.39	20	94.14	20	0.00	20
201	-8	-7	Max	131.44									135.81	20		
201	-8	-7	Max	133.53	59.73	20	0.00	20	0.00	20	-1.01	20	135.80	20	0.00	20
201	-8	-7	Min.	0.00	59.73	20	0.00	20	0.00	20	63.39	20	94.14	20	0.00	20
201	-8	-7	Min.	131.44									135.81	20		
201	-8	-7	Min.	133.53	59.73	20	0.00	20	0.00	20	-1.01	20	135.80	20	0.00	20
201	-9	-8	Max	0.00	59.73	20	0.00	20	0.00	20	343.84	20	-322.00	20	0.00	20
201	-9	-8	Max	133.53	59.73	20	0.00	20	0.00	20	279.44	20	94.15	20	0.00	20
201	-9	-8	Min.	0.00	59.73	20	0.00	20	0.00	20	343.84	20	-322.00	20	0.00	20
201	-9	-8	Min.	133.53	59.73	20	0.00	20	0.00	20	279.44	20	94.15	20	0.00	20
201	-10	-9	Max	0.00	59.73	20	0.00	20	0.00	20	581.75	20	-580.77	20	0.00	20
201	-10	-9	Max	45.33	59.73	20	0.00	20	0.00	20	559.88	20	-322.00	20	0.00	20
201	-10	-9	Min.	0.00	59.73	20	0.00	20	0.00	20	581.75	20	-580.77	20	0.00	20
201	-10	-9	Min.	45.33	59.73	20	0.00	20	0.00	20	559.88	20	-322.00	20	0.00	20
202	-11	-10	Max	0.00	-37.49	20	0.00	20	0.00	20	-657.52	20	-196.80	20	0.00	20
202	-11	-10	Max	88.20	-37.49	20	0.00	20	0.00	20	-700.06	20	-795.49	20	0.00	20
202	-11	-10	Min.	0.00	-37.49	20	0.00	20	0.00	20	-657.52	20	-196.80	20	0.00	20
202	-11	-10	Min.	88.20	-37.49	20	0.00	20	0.00	20	-700.06	20	-795.49	20	0.00	20
202	-12	-11	Max	0.00	-37.49	20	0.00	20	0.00	20	-377.07	20	349.72	20	0.00	20
202	-12	-11	Max	133.53	-37.49	20	0.00	20	0.00	20	-441.48	20	-196.80	20	0.00	20
202	-12	-11	Min.	0.00	-37.49	20	0.00	20	0.00	20	-377.07	20	349.72	20	0.00	20
202	-12	-11	Min.	133.53	-37.49	20	0.00	20	0.00	20	-441.48	20	-196.80	20	0.00	20
202	-13	-12	Max	0.00	-37.49	20	0.00	20	0.00	20	-96.63	20	521.75	20	0.00	20
202	-13	-12	Max	133.53	-37.49	20	0.00	20	0.00	20	-161.03	20	349.72	20	0.00	20
202	-13	-12	Min.	0.00	-37.49	20	0.00	20	0.00	20	-96.63	20	521.75	20	0.00	20
202	-13	-12	Min.	133.53	-37.49	20	0.00	20	0.00	20	-161.03	20	349.72	20	0.00	20
202	-14	-13	Max	0.00	-37.49	20	0.00	20	0.00	20	183.82	20	319.30	20	0.00	20
202	-14	-13	Max	133.53	-37.49	20	0.00	20	0.00	20	119.41	20	521.75	20	0.00	20
202	-14	-13	Min.	0.00	-37.49	20	0.00	20	0.00	20	183.82	20	319.30	20	0.00	20
202	-14	-13	Min.	133.53	-37.49	20	0.00	20	0.00	20	119.41	20	521.75	20	0.00	20
202	-15	-14	Max	0.00	-37.49	20	0.00	20	0.00	20	464.26	20	-257.65	20	0.00	20
202	-15	-14	Max	133.53	-37.49	20	0.00	20	0.00	20	399.86	20	319.30	20	0.00	20
202	-15	-14	Min.	0.00	-37.49	20	0.00	20	0.00	20	464.26	20	-257.65	20	0.00	20
202	-15	-14	Min.	133.53	-37.49	20	0.00	20	0.00	20	399.86	20	319.30	20	0.00	20
202	203	-15	Max	0.00	-37.49	20	0.00	20	0.00	20	722.59	20	-872.59	20	0.00	20
202	203	-15	Max	87.67	-37.49	20	0.00	20	0.00	20	680.31	20	-257.65	20	0.00	20
202	203	-15	Min.	0.00	-37.49	20	0.00	20	0.00	20	722.59	20	-872.59	20	0.00	20
202	203	-15	Min.	87.67	-37.49	20	0.00	20	0.00	20	680.31	20	-257.65	20	0.00	20
203	-16	203	Max	0.00	23.02	20	0.00	20	0.00	20	-666.37	20	-428.17	20	0.00	20
203	-16	203	Max	45.87	23.02	20	0.00	20	0.00	20	-688.49	20	-738.88	20	0.00	20
203	-16	203	Min.	0.00	23.02	20	0.00	20	0.00	20	-666.37	20	-428.17	20	0.00	20
203	-16	203	Min.	45.87	23.02	20	0.00	20	0.00	20	-688.49	20	-738.88	20	0.00	20
203	-17	-16	Max	0.00	23.02	20	0.00	20	0.00	20	-385.92	20	130.16	20	0.00	20
203	-17	-16	Max	133.53	23.02	20	0.00	20	0.00	20	-450.33	20	-428.18	20	0.00	20
203	-17	-16	Min.	0.00	23.02	20	0.00	20	0.00	20	-385.92	20	130.16	20	0.00	20
203	-17	-16	Min.	133.53	23.02	20	0.00	20	0.00	20	-450.33	20	-428.18	20	0.00	20
203	-18	-17	Max	0.00	23.02	20	0.00	20	0.00	20	-105.48	20	314.00	20	0.00	20
203	-18	-17	Max	133.53	23.02	20	0.00	20	0.00	20	-169.88	20	130.15	20	0.00	20
203	-18	-17	Min.	0.00	23.02	20	0.00	20	0.00	20	-105.48	20	314.00	20	0.00	20
203	-18	-17	Min.	133.53	23.02	20	0.00	20	0.00	20	-169.88	20	130.15	20	0.00	20
203	-19	-18	Max	0.00	23.02	20	0.00	20	0.00	20	174.97	20	123.35	20	0.00	20
203	-19	-18	Max	133.53	23.02	20	0.00	20	0.00	20	110.57	20	313.99	20	0.00	20
203	-19	-18	Min.	0.00	23.02	20	0.00	20	0.00	20	174.97	20	123.35	20	0.00	20
203	-19	-18	Min.	133.53	23.02	20	0.00	20	0.00	20	110.57	20	313.99	20	0.00	20
203	-20	-19	Max	0.00	23.02	20	0.00	20	0.00	20	455.42	20	-441.77	20	0.00	20
203	-20	-19	Max	133.53	23.02	20	0.00	20	0.00	20	391.01	20	123.36	20	0.00	20
203	-20	-19	Min.	0.00	23.02	20	0.00	20	0.00	20	455.42	20	-441.77	20	0.00	20
203	-20	-19	Min.	133.53	23.02	20	0.00	20	0.00	20	391.01	20	123.36	20	0.00	20
203	204	-20	Max	0.00	23.02	20	0.00	20	0.00	20	617.17	20	-564.24	20	0.00	20
203	204	-20	Max	20.00	23.02	20	0.00	20	0.00	20	607.52	20	-441.77	20	0.00	20
203	204	-20	Min.	0.00	23.02	20	0.00	20	0.00	20	617.17	20	-564.24	20	0.00	20
203	204	-20	Min.	20.00	23.02	20	0.00	20	0.00	20	607.52	20	-441.77	20	0.00	20
204	204	-21	Max	0.00	23.02	20	0.00	20	0.00	20	617.17	20	-564.24	20	0.00	20
204	204	-21	Max	20.00	23.02	20	0.00	20	0.00	20	607.52	20	-441.77	20	0.00	20
204	204	-21	Min.	0.00	23.02	20	0.00	20	0.00	20	617.17	20	-564.24	20	0.00	20
204	204	-21	Min.	20.00	23.02	20	0.00	20	0.00	20	607.52	20	-441.77	20	0.00	20
204	-21	-22	Max	0.00	23.02	20	0.00	20	0.00	20	455.41	20	-441.77	20	0.00	20
204	-21	-22	Max	133.53	23.02	20	0.00	20	0.00	20	391.01	20	123.36	20	0.00	20
204	-21	-22	Min.	0.00	23.02	20	0.00	20	0.00	20	455.41	20	-441.77	20	0.00	20
204	-21	-22	Min.	133.53	23.02	20	0.00	20	0.00	20	391.01	20	123.36	20	0.00	20
204	-22	-23	Max	0.00	23.02	20	0.00	20	0.00	20	174.97	20	123.35	20	0.00	20
204	-22	-23	Max	133.53	23.02	20	0.00	20	0.00	20	110.57	20	313.99	20	0.00	20
204	-22	-23	Min.	0.00	23.02	20	0.00	20	0.00	20	174.97	20	123.35	20	0.00	20
204	-22	-23	Min.	133.53	23.02	20	0.00	20	0.00	20	110.57	20	313.99	20	0.00	20
204	-23	-24	Max	0.00	23.02	20	0.00	20	0.00	20	-105.48	20	314.00	20	0.00	20
204	-23	-24	Max	133.53	23.02	20	0.00	20	0.00	20	-169.88	20	130.15	20	0.00	20
204	-23	-24	Min.	0.00	23.02	20	0.00	20	0.00	20	-105.48	20	314.00	20	0.00	20
204	-23	-24	Min.	133.53	23.02	20	0.00	20	0.00	20	-169.88	20	130.15	20	0.00	20
204	-24	-25	Max	0.00	23.02	20	0.00	20	0.00	20	-385.92	20	130.15	20	0.00	20
204	-24	-25	Max	133.53	23.02	20	0.00	20	0.00	20	-450.33	20	-428.18	20	0.00	20
204	-24	-25	Min.	0.00	23.02	20	0.00	20	0.00	20	-385.92	20	130.15	20	0.00	20
204	-24	-25	Min.	133.53	23.02	20	0.00	20	0.00	20	-450.33	20	-428.18	20	0.00	20
204	-25	205	Max	0.00	23.02	20	0.00	20	0.00	20	-666.37	20	-428.17	20	0.00	20
204	-25	205	Max	45.87	23.02	20	0.00	20	0.00	20	-688.49	20	-738.88	20	0.00	20
204	-25	205	Min.	0.00	23.02	20	0.00	20	0.00	20	-666.37	20	-428.17	20	0.00	20
204	-25	205	Min.	45.87	23.02	20	0.00	20	0.00	20	-688.49	20	-738.88	20	0.00	20
205	205	-26	Max	0.00	-37.49	20	0.00	20	0.00	20	722.59	20	-872.59	20	0.00	20
205	205	-26	Max	87.67	-37.49	20	0.00	20	0.00	20	680.31	20	-257.65	20	0.00	20
205	205	-26	Min.	0.00	-37.49	20	0.00	20	0.00	20	722.59	20	-872.59	20	0.00	20
205	205	-26	Min.	87.67	-37.49	20	0.00	20	0.00	20	680.31	20	-257.65	20	0.00	20
205	-26	-27	Max	0.00	-37.49	20	0.00	20	0.00	20	464.26	20	-257.63	20	0.00	20
205	-26	-27	Max	133.53	-37.49	20	0.00	20	0.00	20	399.86	20	319.31	20	0.00	20
205	-26	-27	Min.	0.00	-37.49	20	0.00	20	0.00	20	464.26	20	-257.63	20	0.00	20
205	-26	-27	Min.	133.53	-37.49	20	0.00	20	0.00	20	399.86	20	319.31	20	0.00	20
205	-27	-28	Max	0.00	-37.49	20	0.00	20	0.00	20	183.82	20	319.30	20	0.00	20

205	-27	-28	Max	133.53	-37.49	20	0.00	20	0.00	20	119.41	20	521.76	20	0.00	20
205	-27	-28	Min.	0.00	-37.49	20	0.00	20	0.00	20	183.82	20	319.30	20	0.00	20
205	-27	-28	Min.	133.53	-37.49	20	0.00	20	0.00	20	119.41	20	521.76	20	0.00	20
205	-28	-29	Max	0.00	-37.49	20	0.00	20	0.00	20	-96.63	20	521.75	20	0.00	20
205	-28	-29	Max	133.53	-37.49	20	0.00	20	0.00	20	-161.03	20	349.72	20	0.00	20
205	-28	-29	Min.	0.00	-37.49	20	0.00	20	0.00	20	-96.63	20	521.75	20	0.00	20
205	-28	-29	Min.	133.53	-37.49	20	0.00	20	0.00	20	-161.03	20	349.72	20	0.00	20
205	-29	-30	Max	0.00	-37.49	20	0.00	20	0.00	20	-377.08	20	349.71	20	0.00	20
205	-29	-30	Max	133.53	-37.49	20	0.00	20	0.00	20	-441.48	20	-196.81	20	0.00	20
205	-29	-30	Min.	0.00	-37.49	20	0.00	20	0.00	20	-377.08	20	349.71	20	0.00	20
205	-29	-30	Min.	133.53	-37.49	20	0.00	20	0.00	20	-441.48	20	-196.81	20	0.00	20
205	-30	-31	Max	0.00	-37.49	20	0.00	20	0.00	20	-657.52	20	-196.80	20	0.00	20
205	-30	-31	Max	88.20	-37.49	20	0.00	20	0.00	20	-700.06	20	-795.49	20	0.00	20
205	-30	-31	Min.	0.00	-37.49	20	0.00	20	0.00	20	-657.52	20	-196.80	20	0.00	20
205	-30	-31	Min.	88.20	-37.49	20	0.00	20	0.00	20	-700.06	20	-795.49	20	0.00	20
206	-31	-32	Max	0.00	59.73	20	0.00	20	0.00	20	581.75	20	-580.76	20	0.00	20
206	-31	-32	Max	45.33	59.73	20	0.00	20	0.00	20	559.88	20	-321.99	20	0.00	20
206	-31	-32	Min.	0.00	59.73	20	0.00	20	0.00	20	581.75	20	-580.76	20	0.00	20
206	-31	-32	Min.	45.33	59.73	20	0.00	20	0.00	20	559.88	20	-321.99	20	0.00	20
206	-32	-33	Max	0.00	59.73	20	0.00	20	0.00	20	343.84	20	-322.01	20	0.00	20
206	-32	-33	Max	133.53	59.73	20	0.00	20	0.00	20	279.44	20	94.13	20	0.00	20
206	-32	-33	Min.	0.00	59.73	20	0.00	20	0.00	20	343.84	20	-322.01	20	0.00	20
206	-32	-33	Min.	133.53	59.73	20	0.00	20	0.00	20	279.44	20	94.13	20	0.00	20
206	-33	-34	Max	0.00	59.73	20	0.00	20	0.00	20	63.39	20	94.15	20	0.00	20
206	-33	-34	Max	131.44									135.81	20		
206	-33	-34	Max	133.53	59.73	20	0.00	20	0.00	20	-1.01	20	135.80	20	0.00	20
206	-33	-34	Min.	0.00	59.73	20	0.00	20	0.00	20	63.39	20	94.15	20	0.00	20
206	-33	-34	Min.	131.44									135.81	20		
206	-33	-34	Min.	133.53	59.73	20	0.00	20	0.00	20	-1.01	20	135.80	20	0.00	20
206	-34	-35	Max	0.00	59.73	20	0.00	20	0.00	20	-217.05	20	135.80	20	0.00	20
206	-34	-35	Max	133.53	59.73	20	0.00	20	0.00	20	-281.46	20	-197.04	20	0.00	20
206	-34	-35	Min.	0.00	59.73	20	0.00	20	0.00	20	-217.05	20	135.80	20	0.00	20
206	-34	-35	Min.	133.53	59.73	20	0.00	20	0.00	20	-281.46	20	-197.04	20	0.00	20
206	-35	-36	Max	0.00	59.73	20	0.00	20	0.00	20	-497.50	20	-197.03	20	0.00	20
206	-35	-36	Max	54.07	59.73	20	0.00	20	0.00	20	-523.57	20	-473.06	20	0.00	20
206	-35	-36	Min.	0.00	59.73	20	0.00	20	0.00	20	-497.50	20	-197.03	20	0.00	20
206	-35	-36	Min.	54.07	59.73	20	0.00	20	0.00	20	-523.57	20	-473.06	20	0.00	20
206	-36	-37	Max	0.00	0.00	20	0.00	20	0.00	20	470.88	20	-605.09	20	0.00	20
206	-36	-37	Max	79.47	0.00	20	0.00	20	0.00	20	432.55	20	-246.12	20	0.00	20
206	-36	-37	Min.	0.00	0.00	20	0.00	20	0.00	20	470.88	20	-605.09	20	0.00	20
206	-36	-37	Min.	79.47	0.00	20	0.00	20	0.00	20	432.55	20	-246.12	20	0.00	20
206	-37	-38	Max	0.00	0.00	20	0.00	20	0.00	20	216.51	20	-246.11	20	0.00	20
206	-37	-38	Max	133.53	0.00	20	0.00	20	0.00	20	152.10	20	0.00	20	0.00	20
206	-37	-38	Min.	0.00	0.00	20	0.00	20	0.00	20	216.51	20	-246.11	20	0.00	20
206	-37	-38	Min.	133.53	0.00	20	0.00	20	0.00	20	152.10	20	0.00	20	0.00	20
301	-3	-60	Max	0.00	0.00	20	0.00	20	0.00	20	76.05	20	-65.99	20	0.00	20
301	-3	-60	Max	150.00	0.00	20	0.00	20	0.00	20	11.94	20	0.00	20	0.00	20
301	-3	-60	Min.	0.00	0.00	20	0.00	20	0.00	20	76.05	20	-65.99	20	0.00	20
301	-3	-60	Min.	150.00	0.00	20	0.00	20	0.00	20	11.94	20	0.00	20	0.00	20
301	-59	-3	Max	0.00	0.00	20	0.00	20	0.00	20	-11.94	20	0.00	20	0.00	20
301	-59	-3	Max	150.00	0.00	20	0.00	20	0.00	20	-76.05	20	-65.99	20	0.00	20
301	-59	-3	Min.	0.00	0.00	20	0.00	20	0.00	20	-11.94	20	0.00	20	0.00	20
301	-59	-3	Min.	150.00	0.00	20	0.00	20	0.00	20	-76.05	20	-65.99	20	0.00	20
302	-4	-47	Max	0.00	0.00	20	0.00	20	0.00	20	108.02	20	-98.92	20	0.00	20
302	-4	-47	Max	150.00	0.00	20	0.00	20	0.00	20	23.88	20	0.00	20	0.00	20
302	-4	-47	Min.	0.00	0.00	20	0.00	20	0.00	20	108.02	20	-98.92	20	0.00	20
302	-4	-47	Min.	150.00	0.00	20	0.00	20	0.00	20	23.88	20	0.00	20	0.00	20
302	-46	-4	Max	0.00	0.00	20	0.00	20	0.00	20	-23.88	20	0.00	20	0.00	20
302	-46	-4	Max	150.00	0.00	20	0.00	20	0.00	20	-108.02	20	-98.92	20	0.00	20
302	-46	-4	Min.	0.00	0.00	20	0.00	20	0.00	20	-23.88	20	0.00	20	0.00	20
302	-46	-4	Min.	150.00	0.00	20	0.00	20	0.00	20	-108.02	20	-98.92	20	0.00	20
303	-6	-48	Max	0.00	0.00	20	0.00	20	0.00	20	108.02	20	-98.92	20	0.00	20
303	-6	-48	Max	150.00	0.00	20	0.00	20	0.00	20	23.88	20	0.00	20	0.00	20
303	-6	-48	Min.	0.00	0.00	20	0.00	20	0.00	20	108.02	20	-98.92	20	0.00	20
303	-6	-48	Min.	150.00	0.00	20	0.00	20	0.00	20	23.88	20	0.00	20	0.00	20
303	-49	-6	Max	0.00	0.00	20	0.00	20	0.00	20	-23.88	20	0.00	20	0.00	20
303	-49	-6	Max	150.00	0.00	20	0.00	20	0.00	20	-108.02	20	-98.92	20	0.00	20
303	-49	-6	Min.	0.00	0.00	20	0.00	20	0.00	20	-23.88	20	0.00	20	0.00	20
303	-49	-6	Min.	150.00	0.00	20	0.00	20	0.00	20	-108.02	20	-98.92	20	0.00	20
304	-7	-96	Max	0.00	0.00	20	0.00	20	0.00	20	108.02	20	-98.92	20	0.00	20
304	-7	-96	Max	150.00	0.00	20	0.00	20	0.00	20	23.88	20	0.00	20	0.00	20
304	-7	-96	Min.	0.00	0.00	20	0.00	20	0.00	20	108.02	20	-98.92	20	0.00	20
304	-7	-96	Min.	150.00	0.00	20	0.00	20	0.00	20	23.88	20	0.00	20	0.00	20
304	-95	-7	Max	0.00	0.00	20	0.00	20	0.00	20	-23.88	20	0.00	20	0.00	20
304	-95	-7	Max	150.00	0.00	20	0.00	20	0.00	20	-108.02	20	-98.92	20	0.00	20
304	-95	-7	Min.	0.00	0.00	20	0.00	20	0.00	20	-23.88	20	0.00	20	0.00	20
304	-95	-7	Min.	150.00	0.00	20	0.00	20	0.00	20	-108.02	20	-98.92	20	0.00	20
305	-8	-66	Max	0.00	0.00	20	0.00	20	0.00	20	108.02	20	-98.92	20	0.00	20
305	-8	-66	Max	150.00	0.00	20	0.00	20	0.00	20	23.88	20	0.00	20	0.00	20
305	-8	-66	Min.	0.00	0.00	20	0.00	20	0.00	20	108.02	20	-98.92	20	0.00	20
305	-8	-66	Min.	150.00	0.00	20	0.00	20	0.00	20	23.88	20	0.00	20	0.00	20
305	-67	-8	Max	0.00	0.00	20	0.00	20	0.00	20	-23.88	20	0.00	20	0.00	20
305	-67	-8	Max	150.00	0.00	20	0.00	20	0.00	20	-108.02	20	-98.92	20	0.00	20
305	-67	-8	Min.	0.00	0.00	20	0.00	20	0.00	20	-23.88	20	0.00	20	0.00	20
305	-67	-8	Min.	150.00	0.00	20	0.00	20	0.00	20	-108.02	20	-98.92	20	0.00	20
306	-9	-69	Max	0.00	0.00	20	0.00	20	0.00	20	108.02	20	-98.92	20	0.00	20
306	-9	-69	Max	150.00	0.00	20	0.00	20	0.00	20	23.88	20	0.00	20	0.00	20
306	-9	-69	Min.	0.00	0.00	20	0.00	20	0.00	20	108.02	20	-98.92	20	0.00	20
306	-9	-69	Min.	150.00	0.00	20	0.00	20	0.00	20	23.88	20	0.00	20	0.00	20
306	-68	-9	Max	0.00	0.00	20	0.00	20	0.00	20	-23.88	20	0.00	20	0.00	20
306	-68	-9	Max	150.00	0.00	20	0.00	20	0.00	20	-108.02	20	-98.92	20	0.00	20
306	-68	-9	Min.	0.00	0.00	20	0.00	20	0.00	20	-23.88	20	0.00	20	0.00	20
306	-68	-9	Min.	150.00	0.00	20	0.00	20	0.00	20	-108.02	20	-98.92	20	0.00	20
307	-11	-70	Max	0.00	0.00	20	0.00	20	0.00	20	108.02	20	-98.92	20	0.00	20
307	-11	-70	Max	150.00	0.00	20	0.00	20	0.00	20	23.88	20	0.00	20	0.00	20
307	-11	-70	Min.	0.00	0.00	20	0.00	20	0.00	20	108.02	20	-98.92	20	0.00	20
307	-11	-70	Min.	150.00	0.00	20	0.00	20	0.00	20	23.88	20	0.00	20	0.00	20
307	-71	-11	Max	0.00	0.00	20	0.00	20	0.00	20	-23.88	20	0.00	20	0.00	20
307	-71	-11	Max	150.00	0.00	20	0.00	20	0.00	20	-108.02	20	-98.92	20	0.00	20
307	-71	-11	Min.	0.00	0.00	20	0.00	20	0.00	20	-23.88	20	0.00	20	0.00	20
307	-71	-11	Min.	150.00	0.00	20	0.00	20	0.00	20	-108.02	20	-98.92	20	0.00	20

308	-12	-72	Max	0.00	0.00	20	0.00	20	0.00	20	108.02	20	-98.92	20	0.00	20
308	-12	-72	Max	150.00	0.00	20	0.00	20	0.00	20	23.88	20	0.00	20	0.00	20
308	-12	-72	Min.	0.00	0.00	20	0.00	20	0.00	20	108.02	20	-98.92	20	0.00	20
308	-12	-72	Min.	150.00	0.00	20	0.00	20	0.00	20	23.88	20	0.00	20	0.00	20
308	-73	-12	Max	0.00	0.00	20	0.00	20	0.00	20	-23.88	20	0.00	20	0.00	20
308	-73	-12	Max	150.00	0.00	20	0.00	20	0.00	20	-108.02	20	-98.92	20	0.00	20
308	-73	-12	Min.	0.00	0.00	20	0.00	20	0.00	20	-23.88	20	0.00	20	0.00	20
308	-73	-12	Min.	150.00	0.00	20	0.00	20	0.00	20	-108.02	20	-98.92	20	0.00	20
309	-13	-74	Max	0.00	0.00	20	0.00	20	0.00	20	108.02	20	-98.92	20	0.00	20
309	-13	-74	Max	150.00	0.00	20	0.00	20	0.00	20	23.88	20	0.00	20	0.00	20
309	-13	-74	Min.	0.00	0.00	20	0.00	20	0.00	20	108.02	20	-98.92	20	0.00	20
309	-13	-74	Min.	150.00	0.00	20	0.00	20	0.00	20	23.88	20	0.00	20	0.00	20
309	-75	-13	Max	0.00	0.00	20	0.00	20	0.00	20	-23.88	20	0.00	20	0.00	20
309	-75	-13	Max	150.00	0.00	20	0.00	20	0.00	20	-108.02	20	-98.92	20	0.00	20
309	-75	-13	Min.	0.00	0.00	20	0.00	20	0.00	20	-23.88	20	0.00	20	0.00	20
309	-75	-13	Min.	150.00	0.00	20	0.00	20	0.00	20	-108.02	20	-98.92	20	0.00	20
310	-14	-90	Max	0.00	0.00	20	0.00	20	0.00	20	108.02	20	-98.92	20	0.00	20
310	-14	-90	Max	150.00	0.00	20	0.00	20	0.00	20	23.88	20	0.00	20	0.00	20
310	-14	-90	Min.	0.00	0.00	20	0.00	20	0.00	20	108.02	20	-98.92	20	0.00	20
310	-14	-90	Min.	150.00	0.00	20	0.00	20	0.00	20	23.88	20	0.00	20	0.00	20
310	-91	-14	Max	0.00	0.00	20	0.00	20	0.00	20	-23.88	20	0.00	20	0.00	20
310	-91	-14	Max	150.00	0.00	20	0.00	20	0.00	20	-108.02	20	-98.92	20	0.00	20
310	-91	-14	Min.	0.00	0.00	20	0.00	20	0.00	20	-23.88	20	0.00	20	0.00	20
310	-91	-14	Min.	150.00	0.00	20	0.00	20	0.00	20	-108.02	20	-98.92	20	0.00	20
311	-15	-92	Max	0.00	0.00	20	0.00	20	0.00	20	108.02	20	-98.92	20	0.00	20
311	-15	-92	Max	150.00	0.00	20	0.00	20	0.00	20	23.88	20	0.00	20	0.00	20
311	-15	-92	Min.	0.00	0.00	20	0.00	20	0.00	20	108.02	20	-98.92	20	0.00	20
311	-15	-92	Min.	150.00	0.00	20	0.00	20	0.00	20	23.88	20	0.00	20	0.00	20
311	-93	-15	Max	0.00	0.00	20	0.00	20	0.00	20	-23.88	20	0.00	20	0.00	20
311	-93	-15	Max	150.00	0.00	20	0.00	20	0.00	20	-108.02	20	-98.92	20	0.00	20
311	-93	-15	Min.	0.00	0.00	20	0.00	20	0.00	20	-23.88	20	0.00	20	0.00	20
311	-93	-15	Min.	150.00	0.00	20	0.00	20	0.00	20	-108.02	20	-98.92	20	0.00	20
312	-16	-98	Max	0.00	0.00	20	0.00	20	0.00	20	108.02	20	-98.92	20	0.00	20
312	-16	-98	Max	150.00	0.00	20	0.00	20	0.00	20	23.88	20	0.00	20	0.00	20
312	-16	-98	Min.	0.00	0.00	20	0.00	20	0.00	20	108.02	20	-98.92	20	0.00	20
312	-16	-98	Min.	150.00	0.00	20	0.00	20	0.00	20	23.88	20	0.00	20	0.00	20
312	-94	-16	Max	0.00	0.00	20	0.00	20	0.00	20	-23.88	20	0.00	20	0.00	20
312	-94	-16	Max	150.00	0.00	20	0.00	20	0.00	20	-108.02	20	-98.92	20	0.00	20
312	-94	-16	Min.	0.00	0.00	20	0.00	20	0.00	20	-23.88	20	0.00	20	0.00	20
312	-94	-16	Min.	150.00	0.00	20	0.00	20	0.00	20	-108.02	20	-98.92	20	0.00	20
313	-17	-97	Max	0.00	0.00	20	0.00	20	0.00	20	108.02	20	-98.92	20	0.00	20
313	-17	-97	Max	150.00	0.00	20	0.00	20	0.00	20	23.88	20	0.00	20	0.00	20
313	-17	-97	Min.	0.00	0.00	20	0.00	20	0.00	20	108.02	20	-98.92	20	0.00	20
313	-17	-97	Min.	150.00	0.00	20	0.00	20	0.00	20	23.88	20	0.00	20	0.00	20
313	-42	-17	Max	0.00	0.00	20	0.00	20	0.00	20	-23.88	20	0.00	20	0.00	20
313	-42	-17	Max	150.00	0.00	20	0.00	20	0.00	20	-108.02	20	-98.92	20	0.00	20
313	-42	-17	Min.	0.00	0.00	20	0.00	20	0.00	20	-23.88	20	0.00	20	0.00	20
313	-42	-17	Min.	150.00	0.00	20	0.00	20	0.00	20	-108.02	20	-98.92	20	0.00	20
314	-18	-43	Max	0.00	0.00	20	0.00	20	0.00	20	108.02	20	-98.92	20	0.00	20
314	-18	-43	Max	150.00	0.00	20	0.00	20	0.00	20	23.88	20	0.00	20	0.00	20
314	-18	-43	Min.	0.00	0.00	20	0.00	20	0.00	20	108.02	20	-98.92	20	0.00	20
314	-18	-43	Min.	150.00	0.00	20	0.00	20	0.00	20	23.88	20	0.00	20	0.00	20
314	-44	-18	Max	0.00	0.00	20	0.00	20	0.00	20	-23.88	20	0.00	20	0.00	20
314	-44	-18	Max	150.00	0.00	20	0.00	20	0.00	20	-108.02	20	-98.92	20	0.00	20
314	-44	-18	Min.	0.00	0.00	20	0.00	20	0.00	20	-23.88	20	0.00	20	0.00	20
314	-44	-18	Min.	150.00	0.00	20	0.00	20	0.00	20	-108.02	20	-98.92	20	0.00	20
315	-19	-45	Max	0.00	0.00	20	0.00	20	0.00	20	108.02	20	-98.92	20	0.00	20
315	-19	-45	Max	150.00	0.00	20	0.00	20	0.00	20	23.88	20	0.00	20	0.00	20
315	-19	-45	Min.	0.00	0.00	20	0.00	20	0.00	20	108.02	20	-98.92	20	0.00	20
315	-19	-45	Min.	150.00	0.00	20	0.00	20	0.00	20	23.88	20	0.00	20	0.00	20
315	-58	-19	Max	0.00	0.00	20	0.00	20	0.00	20	-23.88	20	0.00	20	0.00	20
315	-58	-19	Max	150.00	0.00	20	0.00	20	0.00	20	-108.02	20	-98.92	20	0.00	20
315	-58	-19	Min.	0.00	0.00	20	0.00	20	0.00	20	-23.88	20	0.00	20	0.00	20
315	-58	-19	Min.	150.00	0.00	20	0.00	20	0.00	20	-108.02	20	-98.92	20	0.00	20
316	-20	-63	Max	0.00	0.00	20	0.00	20	0.00	20	76.05	20	-65.99	20	0.00	20
316	-20	-63	Max	150.00	0.00	20	0.00	20	0.00	20	11.94	20	0.00	20	0.00	20
316	-20	-63	Min.	0.00	0.00	20	0.00	20	0.00	20	76.05	20	-65.99	20	0.00	20
316	-20	-63	Min.	150.00	0.00	20	0.00	20	0.00	20	11.94	20	0.00	20	0.00	20
316	-65	-20	Max	0.00	0.00	20	0.00	20	0.00	20	-11.94	20	0.00	20	0.00	20
316	-65	-20	Max	150.00	0.00	20	0.00	20	0.00	20	-76.05	20	-65.99	20	0.00	20
316	-65	-20	Min.	0.00	0.00	20	0.00	20	0.00	20	-11.94	20	0.00	20	0.00	20
316	-65	-20	Min.	150.00	0.00	20	0.00	20	0.00	20	-76.05	20	-65.99	20	0.00	20
317	-21	-51	Max	0.00	0.00	20	0.00	20	0.00	20	76.05	20	-65.99	20	0.00	20
317	-21	-51	Max	150.00	0.00	20	0.00	20	0.00	20	11.94	20	0.00	20	0.00	20
317	-21	-51	Min.	0.00	0.00	20	0.00	20	0.00	20	76.05	20	-65.99	20	0.00	20
317	-21	-51	Min.	150.00	0.00	20	0.00	20	0.00	20	11.94	20	0.00	20	0.00	20
317	-50	-21	Max	0.00	0.00	20	0.00	20	0.00	20	-11.94	20	0.00	20	0.00	20
317	-50	-21	Max	150.00	0.00	20	0.00	20	0.00	20	-76.05	20	-65.99	20	0.00	20
317	-50	-21	Min.	0.00	0.00	20	0.00	20	0.00	20	-11.94	20	0.00	20	0.00	20
317	-50	-21	Min.	150.00	0.00	20	0.00	20	0.00	20	-76.05	20	-65.99	20	0.00	20
318	-22	-53	Max	0.00	0.00	20	0.00	20	0.00	20	108.02	20	-98.92	20	0.00	20
318	-22	-53	Max	150.00	0.00	20	0.00	20	0.00	20	23.88	20	0.00	20	0.00	20
318	-22	-53	Min.	0.00	0.00	20	0.00	20	0.00	20	108.02	20	-98.92	20	0.00	20
318	-22	-53	Min.	150.00	0.00	20	0.00	20	0.00	20	23.88	20	0.00	20	0.00	20
318	-52	-22	Max	0.00	0.00	20	0.00	20	0.00	20	-23.88	20	0.00	20	0.00	20
318	-52	-22	Max	150.00	0.00	20	0.00	20	0.00	20	-108.02	20	-98.92	20	0.00	20
318	-52	-22	Min.	0.00	0.00	20	0.00	20	0.00	20	-23.88	20	0.00	20	0.00	20
318	-52	-22	Min.	150.00	0.00	20	0.00	20	0.00	20	-108.02	20	-98.92	20	0.00	20
319	-23	-55	Max	0.00	0.00	20	0.00	20	0.00	20	108.02	20	-98.92	20	0.00	20
319	-23	-55	Max	150.00	0.00	20	0.00	20	0.00	20	23.88	20	0.00	20	0.00	20
319	-23	-55	Min.	0.00	0.00	20	0.00	20	0.00	20	108.02	20	-98.92	20	0.00	20
319	-23	-55	Min.	150.00	0.00	20	0.00	20	0.00	20	23.88	20	0.00	20	0.00	20
319	-54	-23	Max	0.00	0.00	20	0.00	20	0.00	20	-23.88	20	0.00	20	0.00	20
319	-54	-23	Max	150.00	0.00	20	0.00	20	0.00	20	-108.02	20	-98.92	20	0.00	20
319	-54	-23	Min.	0.00	0.00	20	0.00	20	0.00	20	-23.88	20	0.00	20	0.00	20
319	-54	-23	Min.	150.00	0.00	20	0.00	20	0.00	20	-108.02	20	-98.92	20	0.00	20
320	-24	-57	Max	0.00	0.00	20	0.00	20	0.00	20	108.02	20	-98.92	20	0.00	20
320	-24	-57	Max	150.00	0.00	20	0.00	20	0.00	20	23.88	20	0.00	20	0.00	20
320	-24	-57	Min.	0.00	0.00	20	0.00	20	0.00	20	108.02	20	-98.92	20	0.00	20
320	-24	-57	Min.	150.00	0.00	20	0.00	20	0.00	20	23.88	20	0.00	20	0.00	20
320	-56	-24	Max	0.00	0.00	20	0.00	20	0.00	20	-23.88	20	0.00	20	0.00	20

320	-56	-24	Max	150.00	0.00	20	0.00	20	0.00	20	-108.02	20	-98.92	20	0.00	20
320	-56	-24	Min.	0.00	0.00	20	0.00	20	0.00	20	-23.88	20	0.00	20	0.00	20
320	-56	-24	Min.	150.00	0.00	20	0.00	20	0.00	20	-108.02	20	-98.92	20	0.00	20
322	-25	-41	Max	0.00	0.00	20	0.00	20	0.00	20	108.02	20	-98.92	20	0.00	20
322	-25	-41	Max	150.00	0.00	20	0.00	20	0.00	20	23.88	20	0.00	20	0.00	20
322	-25	-41	Min.	0.00	0.00	20	0.00	20	0.00	20	108.02	20	-98.92	20	0.00	20
322	-25	-41	Min.	150.00	0.00	20	0.00	20	0.00	20	23.88	20	0.00	20	0.00	20
322	-64	-25	Max	0.00	0.00	20	0.00	20	0.00	20	-23.88	20	0.00	20	0.00	20
322	-64	-25	Max	150.00	0.00	20	0.00	20	0.00	20	-108.02	20	-98.92	20	0.00	20
322	-64	-25	Min.	0.00	0.00	20	0.00	20	0.00	20	-23.88	20	0.00	20	0.00	20
322	-64	-25	Min.	150.00	0.00	20	0.00	20	0.00	20	-108.02	20	-98.92	20	0.00	20
323	-26	-77	Max	0.00	0.00	20	0.00	20	0.00	20	108.02	20	-98.92	20	0.00	20
323	-26	-77	Max	150.00	0.00	20	0.00	20	0.00	20	23.88	20	0.00	20	0.00	20
323	-26	-77	Min.	0.00	0.00	20	0.00	20	0.00	20	108.02	20	-98.92	20	0.00	20
323	-26	-77	Min.	150.00	0.00	20	0.00	20	0.00	20	23.88	20	0.00	20	0.00	20
323	-76	-26	Max	0.00	0.00	20	0.00	20	0.00	20	-23.88	20	0.00	20	0.00	20
323	-76	-26	Max	150.00	0.00	20	0.00	20	0.00	20	-108.02	20	-98.92	20	0.00	20
323	-76	-26	Min.	0.00	0.00	20	0.00	20	0.00	20	-23.88	20	0.00	20	0.00	20
323	-76	-26	Min.	150.00	0.00	20	0.00	20	0.00	20	-108.02	20	-98.92	20	0.00	20
324	-27	-79	Max	0.00	0.00	20	0.00	20	0.00	20	108.02	20	-98.92	20	0.00	20
324	-27	-79	Max	150.00	0.00	20	0.00	20	0.00	20	23.88	20	0.00	20	0.00	20
324	-27	-79	Min.	0.00	0.00	20	0.00	20	0.00	20	108.02	20	-98.92	20	0.00	20
324	-27	-79	Min.	150.00	0.00	20	0.00	20	0.00	20	23.88	20	0.00	20	0.00	20
324	-78	-27	Max	0.00	0.00	20	0.00	20	0.00	20	-23.88	20	0.00	20	0.00	20
324	-78	-27	Max	150.00	0.00	20	0.00	20	0.00	20	-108.02	20	-98.92	20	0.00	20
324	-78	-27	Min.	0.00	0.00	20	0.00	20	0.00	20	-23.88	20	0.00	20	0.00	20
324	-78	-27	Min.	150.00	0.00	20	0.00	20	0.00	20	-108.02	20	-98.92	20	0.00	20
325	-28	-81	Max	0.00	0.00	20	0.00	20	0.00	20	108.02	20	-98.92	20	0.00	20
325	-28	-81	Max	150.00	0.00	20	0.00	20	0.00	20	23.88	20	0.00	20	0.00	20
325	-28	-81	Min.	0.00	0.00	20	0.00	20	0.00	20	108.02	20	-98.92	20	0.00	20
325	-28	-81	Min.	150.00	0.00	20	0.00	20	0.00	20	23.88	20	0.00	20	0.00	20
325	-80	-28	Max	0.00	0.00	20	0.00	20	0.00	20	-23.88	20	0.00	20	0.00	20
325	-80	-28	Max	150.00	0.00	20	0.00	20	0.00	20	-108.02	20	-98.92	20	0.00	20
325	-80	-28	Min.	0.00	0.00	20	0.00	20	0.00	20	-23.88	20	0.00	20	0.00	20
325	-80	-28	Min.	150.00	0.00	20	0.00	20	0.00	20	-108.02	20	-98.92	20	0.00	20
326	-29	-83	Max	0.00	0.00	20	0.00	20	0.00	20	108.02	20	-98.92	20	0.00	20
326	-29	-83	Max	150.00	0.00	20	0.00	20	0.00	20	23.88	20	0.00	20	0.00	20
326	-29	-83	Min.	0.00	0.00	20	0.00	20	0.00	20	108.02	20	-98.92	20	0.00	20
326	-29	-83	Min.	150.00	0.00	20	0.00	20	0.00	20	23.88	20	0.00	20	0.00	20
326	-82	-29	Max	0.00	0.00	20	0.00	20	0.00	20	-23.88	20	0.00	20	0.00	20
326	-82	-29	Max	150.00	0.00	20	0.00	20	0.00	20	-108.02	20	-98.92	20	0.00	20
326	-82	-29	Min.	0.00	0.00	20	0.00	20	0.00	20	-23.88	20	0.00	20	0.00	20
326	-82	-29	Min.	150.00	0.00	20	0.00	20	0.00	20	-108.02	20	-98.92	20	0.00	20
327	-30	-85	Max	0.00	0.00	20	0.00	20	0.00	20	108.02	20	-98.92	20	0.00	20
327	-30	-85	Max	150.00	0.00	20	0.00	20	0.00	20	23.88	20	0.00	20	0.00	20
327	-30	-85	Min.	0.00	0.00	20	0.00	20	0.00	20	108.02	20	-98.92	20	0.00	20
327	-30	-85	Min.	150.00	0.00	20	0.00	20	0.00	20	23.88	20	0.00	20	0.00	20
327	-84	-30	Max	0.00	0.00	20	0.00	20	0.00	20	-23.88	20	0.00	20	0.00	20
327	-84	-30	Max	150.00	0.00	20	0.00	20	0.00	20	-108.02	20	-98.92	20	0.00	20
327	-84	-30	Min.	0.00	0.00	20	0.00	20	0.00	20	-23.88	20	0.00	20	0.00	20
327	-84	-30	Min.	150.00	0.00	20	0.00	20	0.00	20	-108.02	20	-98.92	20	0.00	20
329	-32	-86	Max	0.00	0.00	20	0.00	20	0.00	20	108.02	20	-98.92	20	0.00	20
329	-32	-86	Max	150.00	0.00	20	0.00	20	0.00	20	23.88	20	0.00	20	0.00	20
329	-32	-86	Min.	0.00	0.00	20	0.00	20	0.00	20	108.02	20	-98.92	20	0.00	20
329	-32	-86	Min.	150.00	0.00	20	0.00	20	0.00	20	23.88	20	0.00	20	0.00	20
329	-87	-32	Max	0.00	0.00	20	0.00	20	0.00	20	-23.88	20	0.00	20	0.00	20
329	-87	-32	Max	150.00	0.00	20	0.00	20	0.00	20	-108.02	20	-98.92	20	0.00	20
329	-87	-32	Min.	0.00	0.00	20	0.00	20	0.00	20	-23.88	20	0.00	20	0.00	20
329	-87	-32	Min.	150.00	0.00	20	0.00	20	0.00	20	-108.02	20	-98.92	20	0.00	20
330	-33	-89	Max	0.00	0.00	20	0.00	20	0.00	20	108.02	20	-98.92	20	0.00	20
330	-33	-89	Max	150.00	0.00	20	0.00	20	0.00	20	23.88	20	0.00	20	0.00	20
330	-33	-89	Min.	0.00	0.00	20	0.00	20	0.00	20	108.02	20	-98.92	20	0.00	20
330	-33	-89	Min.	150.00	0.00	20	0.00	20	0.00	20	23.88	20	0.00	20	0.00	20
330	-88	-33	Max	0.00	0.00	20	0.00	20	0.00	20	-23.88	20	0.00	20	0.00	20
330	-88	-33	Max	150.00	0.00	20	0.00	20	0.00	20	-108.02	20	-98.92	20	0.00	20
330	-88	-33	Min.	0.00	0.00	20	0.00	20	0.00	20	-23.88	20	0.00	20	0.00	20
330	-88	-33	Min.	150.00	0.00	20	0.00	20	0.00	20	-108.02	20	-98.92	20	0.00	20
331	-34	-61	Max	0.00	0.00	20	0.00	20	0.00	20	108.02	20	-98.92	20	0.00	20
331	-34	-61	Max	150.00	0.00	20	0.00	20	0.00	20	23.88	20	0.00	20	0.00	20
331	-34	-61	Min.	0.00	0.00	20	0.00	20	0.00	20	108.02	20	-98.92	20	0.00	20
331	-34	-61	Min.	150.00	0.00	20	0.00	20	0.00	20	23.88	20	0.00	20	0.00	20
331	-62	-34	Max	0.00	0.00	20	0.00	20	0.00	20	-23.88	20	0.00	20	0.00	20
331	-62	-34	Max	150.00	0.00	20	0.00	20	0.00	20	-108.02	20	-98.92	20	0.00	20
331	-62	-34	Min.	0.00	0.00	20	0.00	20	0.00	20	-23.88	20	0.00	20	0.00	20
331	-62	-34	Min.	150.00	0.00	20	0.00	20	0.00	20	-108.02	20	-98.92	20	0.00	20
332	-35	-102	Max	0.00	0.00	20	0.00	20	0.00	20	108.02	20	-98.92	20	0.00	20
332	-35	-102	Max	150.00	0.00	20	0.00	20	0.00	20	23.88	20	0.00	20	0.00	20
332	-35	-102	Min.	0.00	0.00	20	0.00	20	0.00	20	108.02	20	-98.92	20	0.00	20
332	-35	-102	Min.	150.00	0.00	20	0.00	20	0.00	20	23.88	20	0.00	20	0.00	20
332	-101	-35	Max	0.00	0.00	20	0.00	20	0.00	20	-23.88	20	0.00	20	0.00	20
332	-101	-35	Max	150.00	0.00	20	0.00	20	0.00	20	-108.02	20	-98.92	20	0.00	20
332	-101	-35	Min.	0.00	0.00	20	0.00	20	0.00	20	-23.88	20	0.00	20	0.00	20
332	-101	-35	Min.	150.00	0.00	20	0.00	20	0.00	20	-108.02	20	-98.92	20	0.00	20
333	-37	-103	Max	0.00	0.00	20	0.00	20	0.00	20	108.02	20	-98.92	20	0.00	20
333	-37	-103	Max	150.00	0.00	20	0.00	20	0.00	20	23.88	20	0.00	20	0.00	20
333	-37	-103	Min.	0.00	0.00	20	0.00	20	0.00	20	108.02	20	-98.92	20	0.00	20
333	-37	-103	Min.	150.00	0.00	20	0.00	20	0.00	20	23.88	20	0.00	20	0.00	20
333	-104	-37	Max	0.00	0.00	20	0.00	20	0.00	20	-23.88	20	0.00	20	0.00	20
333	-104	-37	Max	150.00	0.00	20	0.00	20	0.00	20	-108.02	20	-98.92	20	0.00	20
333	-104	-37	Min.	0.00	0.00	20	0.00	20	0.00	20	-23.88	20	0.00	20	0.00	20
333	-104	-37	Min.	150.00	0.00	20	0.00	20	0.00	20	-108.02	20	-98.92	20	0.00	20
334	-38	-99	Max	0.00	0.00	20	0.00	20	0.00	20	76.05	20	-65.99	20	0.00	20
334	-38	-99	Max	150.00	0.00	20	0.00	20	0.00	20	11.94	20	0.00	20	0.00	20
334	-38	-99	Min.	0.00	0.00	20	0.00	20	0.00	20	76.05	20	-65.99	20	0.00	20
334	-38	-99	Min.	150.00	0.00	20	0.00	20	0.00	20	11.94	20	0.00	20	0.00	20
334	-100	-38	Max	0.00	0.00	20	0.00	20	0.00	20	-11.94	20	0.00	20	0.00	20
334	-100	-38	Max	150.00	0.00	20	0.00	20	0.00	20	-76.05	20	-65.99	20	0.00	20
334	-100	-38	Min.	0.00	0.00	20	0.00	20	0.00	20	-11.94	20	0.00	20	0.00	20
334	-100	-38	Min.	150.00	0.00	20	0.00	20	0.00	20	-76.05	20	-65.99	20	0.00	20

Simbologia

Φ_{LT}		= Coefficiente Φ per stabilità laterale membrature inflesse
Φ_y		= Coefficiente Φ per inflessione intorno all'asse y(c)
Φ_z		= Coefficiente Φ per inflessione intorno all'asse z(e)
α_{imp}		= Coefficiente di imperfezione
αmy, αmz, αLT		= Coefficienti correttivi per il momento flettente
β_{LT}		= Coefficiente per calcolo Φ_{LT}
χ_{LT}		= Coefficiente di riduzione per stabilità laterale membrature inflesse
χ_y		= Coefficiente χ di riduzione per instabilità intorno all'asse y(c)
χ_z		= Coefficiente χ di riduzione per instabilità intorno all'asse z(e)
δ	<cm>	= Spostamento relativo asta
λ^*_y		= Snellezza adimensionale per inflessione intorno all'asse y(c)
λ^*_z		= Snellezza adimensionale per inflessione intorno all'asse z(e)
λ_{LT}		= Coefficiente di imperfezione per stabilità laterale membrature inflesse
$\lambda_{LT,0}$		= Coefficiente di imperfezione di confronto per stabilità laterale membrature inflesse
λ_y		= Snellezza per inflessione intorno all'asse y(c)
λ_z		= Snellezza per inflessione intorno all'asse z(e)
$\sigma_{ID,max}$	<daN/cmq>	= Tensione ideale massima
σ_M	<daN/cmq>	= Tensione normale per momento flettente
σ_N	<daN/cmq>	= Tensione normale per sforzo normale
τ	<daN/cmq>	= Tensione tangenziale per taglio e/o torsione
ψ		= Coeff. di correzione momento critico per stabilità laterale membrature inflesse
Aeff	<cmq>	= Area effettiva per trazione
Anet	<cmq>	= Area netta per compressione
Area	<cmq>	= Area
Atag,y	<cmq>	= Area resistente a taglio in dir. Y
Atag,z	<cmq>	= Area resistente a taglio in dir. Z
CC		= Numero della combinazione delle condizioni di carico elementari
Cod.		= Codice
Curva		= Curva di instabilità adottata
D	<cm>	= Distanza
Fyk	<daN/cmq>	= Tensione caratteristica di snervamento dell'acciaio
Fyt	<daN/cmq>	= Tensione caratteristica di rottura
Iy	<cm>	= Raggio giratorio d'inerzia rispetto all'asse Y
Iz	<cm>	= Raggio giratorio d'inerzia rispetto all'asse Z
Jω	<cm6>	= Costante di ingobbamento
Jy	<cm4>	= Momento d'inerzia rispetto all'asse Y
Jz	<cm4>	= Momento d'inerzia rispetto all'asse Z
Kyy, Kyz, Kzy, Kzz		= Coefficienti di interazione
L	<m>	= Lunghezza dell'asta
L_{cr}	<m>	= Lunghezza di libera inflessione laterale fra ritegni torsionali
M,cr	<daNm>	= Momento critico per instabilità flesso torsionale
MNy,c,Rd	<daNm>	= Resistenza di calcolo a pressoflessione intorno all'asse Y
MNz,c,Rd	<daNm>	= Resistenza di calcolo a pressoflessione intorno all'asse Z
Mx	<daNm>	= Momento torcente intorno all'asse X
My	<daNm>	= Momento flettente intorno all'asse Y
My,Ed	<daNm>	= Momento flettente di calcolo intorno all'asse Y
My,V,c,Rd	<daNm>	= Resistenza di calcolo a flessione ridotta per taglio intorno all'asse Y
Mz	<daNm>	= Momento flettente intorno all'asse Z
Mz,Ed	<daNm>	= Momento flettente di calcolo intorno all'asse Z
Mz,V,c,Rd	<daNm>	= Resistenza di calcolo a flessione ridotta per taglio intorno all'asse Z
N	<daN>	= Sforzo normale
N,Ed	<daN>	= Forza assiale di calcolo
Nc,Rd	<daN>	= Resistenza a compressione
Ncr,y	<daN>	= Sforzo normale critico euleriano per inflessione intorno all'asse y(c)
Ncr,z	<daN>	= Sforzo normale critico euleriano per inflessione intorno all'asse z(e)
Sez.		= Numero della sezione
Tipo		= Tipologia Rc = Rettangolare cava Is = I stondata
Tp		= Tipo di acciaio
Ty	<daN>	= Taglio in dir. Y
Tz	<daN>	= Taglio in dir. Z
V,Ed	<daN>	= Forza di taglio di calcolo
Vc,Rd	<daN>	= Resistenza a taglio
Vc,Rd,Red	<daN>	= Resistenza a taglio ridotta
Wy,plas	<cmc>	= Modulo di resistenza plastico intorno all'asse Y
Wymin	<cmc>	= Modulo di resistenza minimo rispetto all'asse Y
Wz,plas	<cmc>	= Modulo di resistenza plastico intorno all'asse Z
Wzmin	<cmc>	= Modulo di resistenza minimo rispetto all'asse Z
Xl	<m>	= Coordinata progressiva (dal nodo iniziale dell'asta) in cui viene effettuato il progetto/verifica
f		= Fattore di modifica per il coefficiente di riduzione
$f_{z,G}$	<cm>	= Freccia in direzione Z globale
$f_{z,L}$	<cm>	= Freccia in direzione Z locale
k_c		= Coeff. di correzione momento flettente per stabilità laterale membrature inflesse

Caratteristiche profilati utilizzati

Sez.	Cod.	Tipo	D <cm>	Area <cmq>	Anet <cmq>	Aeff <cmq>	Jy <cm4>	Jz <cm4>	Iy <cm>	Iz <cm>	Wymin <cmc>	Wzmin <cmc>	Tp	Fyk <daN/cmq>	Fyt <daN/cmq>
1	COL HEA240	Is	--	76.84	76.84	76.84	7763.40	2768.81	10.05	6.00	675.08	230.73	S355 UNI EN 10025-2	3550.00	5100.00
2	TRV PRINC SHS200x200x8	Rc	--	61.44	61.44	61.44	3781.43	3781.43	7.85	7.85	378.14	378.14	S355H UNI EN 10210-1	3550.00	5100.00
3	TRV SEC RHS150x100x8	Rc	--	37.44	37.44	37.44	1128.23	588.15	5.49	3.96	150.43	117.63	S355H UNI EN 10210-1	3550.00	5100.00

Caratteristiche profilati utilizzati

Sez.	Cod.	Wy,plas <cmc>	Wz,plas <cmc>	Atag,y <cmq>	Atag,z <cmq>	Jω <cm6>
1	COL HEA240	747.99	352.10	64.54	25.18	328486.00
2	TRV PRINC SHS200x200x8	442.62	442.62	30.72	30.72	
3	TRV SEC RHS150x100x8	185.42	138.62	14.98	22.46	

Asta n. 1 (1 -5) - Sez. 1 (COL HEA240) - Crit. 1

- Verifica in termini tensionali [4.2.4] - CC 3 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=-883.76 T_z=169.79 M_y=569.89 T_y=-662.32 M_z=1237.31
  Tensioni: σ_N=-11.50 $\sigma_{m,d}$=-620.67 τ=0.00 σ_{max}=-632.17 (sfrut=0.19)
  Tensioni: σ_N=-11.50 $\sigma_{m,d}$=34.99 τ=16.55 τ_{max}=16.55 (sfrut=0.01)
  Tensioni: σ_N=-11.50 $\sigma_{m,d}$=-620.67 τ=0.00 $\sigma_{ID,max}$=632.17 (sfrut=0.19)

- Verifica a taglio Dir. Y [4.2.16] - CC 29 SLU Xl=0.00 - Classe 2

Sollecitazioni: T_y=-192.50
V,Ed=-192.50 Vc,Rd=125981.00 V,Ed/Vc,Rd=0.00

- Verifica a presso o tenso-flessione retta ZZ (4.2.4.1.2.7) - CC 29 SLU Xl=3.30 - Classe 2
Sollecitazioni: N=-4104.84 T_y=-192.50 M_z=-424.76
Mz,Ed=-424.76 Mz,V,c,Rd=11904.20
N,Ed=-4104.84 Nc,Rd=-259785.00 ZZ n=N,Ed/Nc,Rd=0.02 MNz,c,Rd=11904.20 Mz,Ed/MNz,c,Rd=0.04

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 3 SND - Classe 3
Sollecitazioni: N,Ed=-883.76 My,Ed=569.89 Mz,Ed=1237.31 L=3.30
αmy, αmz, αLT=0.95, 0.95, 0.95
L_{cr}=3.30 Curva b: α_{imp}=0.34 k_c=0.94 ψ=1.73 M,cr=121063.00 λ_{LT}=0.44
$\lambda_{LT,0}$=0.40 Φ_{LT}=0.58 β_{LT}=0.75 f=0.98 χ_{LT}=1.00
λ_y=32.83 Ncr,y=1477550.00 λ^*_y=0.43 Curva b: Φ_y=0.63 χ_y=0.91
λ_z=54.97 Ncr,z=526968.00 λ^*_z=0.72 Curva c: Φ_z=0.89 χ_z=0.71
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.15=0.18
Verifica ZZ: 0.00+0.02+0.15=0.17

- Verifica Spostamento relativo massimo per singola asta - CC 31
δ=0.02 (L/16009)

Asta n. 2 (2 -10) - Sez. 1 (COL HEA240) - Crit. 1

- Verifica in termini tensionali [4.2.4] - CC 7 SND Xl=0.00 - Classe 3
Sollecitazioni: N=-1295.40 T_z=210.38 M_y=689.07 T_y=832.33 M_z=-1423.19
Tensioni: σ_N=-16.86 $\sigma_{m,d}$=-718.88 τ=0.00 σ_{max}=-735.74 (sfrut=0.22)
Tensioni: σ_N=-16.86 $\sigma_{m,d}$=-218.64 τ=20.79 τ_{max}=20.79 (sfrut=0.01)
Tensioni: σ_N=-16.86 $\sigma_{m,d}$=-718.88 τ=0.00 $\sigma_{ID,max}$=735.74 (sfrut=0.22)

- Verifica a taglio Dir. Y [4.2.16] - CC 29 SLU Xl=0.00 - Classe 2
Sollecitazioni: T_y=404.76
V,Ed=404.76 Vc,Rd=125981.00 V,Ed/Vc,Rd=0.00

- Verifica a presso o tenso-flessione retta ZZ (4.2.4.1.2.7) - CC 29 SLU Xl=3.30 - Classe 2
Sollecitazioni: N=-5536.98 T_y=404.76 M_z=894.58
Mz,Ed=894.58 Mz,V,c,Rd=11904.20
N,Ed=-5536.98 Nc,Rd=-259785.00 ZZ n=N,Ed/Nc,Rd=0.02 MNz,c,Rd=11904.20 Mz,Ed/MNz,c,Rd=0.08

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 7 SND - Classe 3
Sollecitazioni: N,Ed=-1295.40 My,Ed=689.07 Mz,Ed=-1423.19 L=3.30
αmy, αmz, αLT=0.95, 0.95, 0.95
L_{cr}=3.30 Curva b: α_{imp}=0.34 k_c=0.94 ψ=1.76 M,cr=122841.00 λ_{LT}=0.44
$\lambda_{LT,0}$=0.40 Φ_{LT}=0.58 β_{LT}=0.75 f=0.98 χ_{LT}=1.00
λ_y=32.83 Ncr,y=1477550.00 λ^*_y=0.43 Curva b: Φ_y=0.63 χ_y=0.91
λ_z=54.97 Ncr,z=526968.00 λ^*_z=0.72 Curva c: Φ_z=0.89 χ_z=0.71
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.03+0.17=0.21
Verifica ZZ: 0.00+0.02+0.17=0.20

- Verifica Spostamento relativo massimo per singola asta - CC 31
δ=0.04 (L/7697)

Asta n. 3 (3 203) - Sez. 1 (COL HEA240) - Crit. 1

- Verifica in termini tensionali [4.2.4] - CC 3 SND Xl=0.00 - Classe 3
Sollecitazioni: N=-1543.26 T_z=233.20 M_y=760.84 T_y=-751.74 M_z=1335.51
Tensioni: σ_N=-20.08 $\sigma_{m,d}$=-691.51 τ=0.00 σ_{max}=-711.60 (sfrut=0.21)
Tensioni: σ_N=-20.08 $\sigma_{m,d}$=18.44 τ=18.81 τ_{max}=18.81 (sfrut=0.01)
Tensioni: σ_N=-20.08 $\sigma_{m,d}$=-691.51 τ=0.00 $\sigma_{ID,max}$=711.60 (sfrut=0.21)

- Verifica a taglio Dir. Y [4.2.16] - CC 29 SLU Xl=0.00 - Classe 2
Sollecitazioni: T_y=-258.82
V,Ed=-258.82 Vc,Rd=125981.00 V,Ed/Vc,Rd=0.00

- Verifica a presso o tenso-flessione retta ZZ (4.2.4.1.2.7) - CC 29 SLU Xl=3.30 - Classe 2
Sollecitazioni: N=-6052.19 T_y=-258.82 M_z=-571.61
Mz,Ed=-571.61 Mz,V,c,Rd=11904.20
N,Ed=-6052.19 Nc,Rd=-259785.00 ZZ n=N,Ed/Nc,Rd=0.02 MNz,c,Rd=11904.20 Mz,Ed/MNz,c,Rd=0.05

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 3 SND - Classe 3
Sollecitazioni: N,Ed=-1543.26 My,Ed=760.84 Mz,Ed=1335.51 L=3.30
αmy, αmz, αLT=0.95, 0.95, 0.95
L_{cr}=3.30 Curva b: α_{imp}=0.34 k_c=0.94 ψ=1.76 M,cr=123134.00 λ_{LT}=0.44
$\lambda_{LT,0}$=0.40 Φ_{LT}=0.58 β_{LT}=0.75 f=0.98 χ_{LT}=1.00
λ_y=32.83 Ncr,y=1477550.00 λ^*_y=0.43 Curva b: Φ_y=0.63 χ_y=0.91
λ_z=54.97 Ncr,z=526968.00 λ^*_z=0.72 Curva c: Φ_z=0.89 χ_z=0.71
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.01+0.03+0.16=0.20
Verifica ZZ: 0.01+0.03+0.16=0.19

- Verifica Spostamento relativo massimo per singola asta - CC 31
δ=0.03 (L/12123)

Asta n. 4 (4 204) - Sez. 1 (COL HEA240) - Crit. 1

- Verifica in termini tensionali [4.2.4] - CC 3 SND Xl=0.00 - Classe 3
Sollecitazioni: N=-1423.57 T_z=-205.53 M_y=-686.88 T_y=716.36 M_z=-1296.97
Tensioni: σ_N=-18.53 $\sigma_{m,d}$=-663.86 τ=0.00 σ_{max}=-682.38 (sfrut=0.20)
Tensioni: σ_N=-18.53 $\sigma_{m,d}$=-24.80 τ=17.91 τ_{max}=17.91 (sfrut=0.01)
Tensioni: σ_N=-18.53 $\sigma_{m,d}$=-663.86 τ=0.00 $\sigma_{ID,max}$=682.38 (sfrut=0.20)

- Verifica a compressione (4.2.4.1.2.2) - CC 29 SLU Xl=0.00 - Classe 2
Sollecitazioni: N=-5226.35
Verifica a compressione [4.2.9]
N,Ed=-5226.35 Nc,Rd=-259785.00 N,Ed/Nc,Rd=0.02

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 3 SND - Classe 3
Sollecitazioni: N,Ed=-1423.57 My,Ed=-686.88 Mz,Ed=-1296.97 L=3.30
αmy, αmz, αLT=0.95, 0.95, 0.95

L_{cr}=3.30 Curva b: α_{imp}=0.34 k_c=0.94 ψ=1.74 M,cr=121369.00 λ_{LT}=0.44
$\lambda_{LT,0}$=0.40 Φ_{LT}=0.58 β_{LT}=0.75 f=0.98 χ_{LT}=1.00
λ_y=32.83 Ncr,y=1477550.00 λ^*_y=0.43 Curva b: Φ_y=0.63 χ_y=0.91
λ_z=54.97 Ncr,z=526968.00 λ^*_z=0.72 Curva c: Φ_z=0.89 χ_z=0.71
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.01+0.03+0.16=0.19
Verifica ZZ: 0.01+0.02+0.16=0.19

Asta n. 5 (5 205) - Sez. 1 (COL HEA240) - Crit. 1

- Verifica in termini tensionali [4.2.4] - CC 7 SND Xl=0.00 - Classe 3
Sollecitazioni: N=-1543.26 T_z=-233.20 M_y=-760.84 T_y=-751.74 M_z=1335.51
Tensioni: σ_N=-20.08 $\sigma_{m,d}$=-691.51 τ=0.00 σ_{max}=-711.60 (sfrut=0.21)
Tensioni: σ_N=-20.08 $\sigma_{m,d}$=220.32 τ=18.81 τ_{max}=18.81 (sfrut=0.01)
Tensioni: σ_N=-20.08 $\sigma_{m,d}$=-691.51 τ=0.00 $\sigma_{ID,max}$=711.60 (sfrut=0.21)

- Verifica a taglio Dir. Y [4.2.16] - CC 29 SLU Xl=0.00 - Classe 2
Sollecitazioni: T_y=-258.82
V,Ed=-258.82 Vc,Rd=125981.00 V,Ed/Vc,Rd=0.00

- Verifica a presso o tenso-flessione retta ZZ (4.2.4.1.2.7) - CC 29 SLU Xl=3.30 - Classe 2
Sollecitazioni: N=-6052.19 T_y=-258.82 M_z=-571.61
Mz,Ed=-571.61 Mz,V,c,Rd=11904.20
N,Ed=-6052.19 Nc,Rd=-259785.00 ZZ n=N,Ed/Nc,Rd=0.02 MNz,c,Rd=11904.20 Mz,Ed/MNz,c,Rd=0.05

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 7 SND - Classe 3
Sollecitazioni: N,Ed=-1543.26 My,Ed=-760.84 Mz,Ed=1335.51 L=3.30
αmy, αmz, αLT=0.95, 0.95, 0.95
L_{cr}=3.30 Curva b: α_{imp}=0.34 k_c=0.94 ψ=1.76 M,cr=123134.00 λ_{LT}=0.44
$\lambda_{LT,0}$=0.40 Φ_{LT}=0.58 β_{LT}=0.75 f=0.98 χ_{LT}=1.00
λ_y=32.83 Ncr,y=1477550.00 λ^*_y=0.43 Curva b: Φ_y=0.63 χ_y=0.91
λ_z=54.97 Ncr,z=526968.00 λ^*_z=0.72 Curva c: Φ_z=0.89 χ_z=0.71
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.01+0.03+0.16=0.20
Verifica ZZ: 0.01+0.03+0.16=0.19

- Verifica Spostamento relativo massimo per singola asta - CC 31
δ=0.03 (L/12142)

Asta n. 6 (6 -31) - Sez. 1 (COL HEA240) - Crit. 1

- Verifica in termini tensionali [4.2.4] - CC 3 SND Xl=0.00 - Classe 3
Sollecitazioni: N=-1295.40 T_z=-210.38 M_y=-689.07 T_y=832.33 M_z=-1423.19
Tensioni: σ_N=-16.86 $\sigma_{m,d}$=-718.88 τ=0.00 σ_{max}=-735.74 (sfrut=0.22)
Tensioni: σ_N=-16.86 $\sigma_{m,d}$=-35.80 τ=20.79 τ_{max}=20.79 (sfrut=0.01)
Tensioni: σ_N=-16.86 $\sigma_{m,d}$=-718.88 τ=0.00 $\sigma_{ID,max}$=735.74 (sfrut=0.22)

- Verifica a taglio Dir. Y [4.2.16] - CC 29 SLU Xl=0.00 - Classe 2
Sollecitazioni: T_y=404.76
V,Ed=404.76 Vc,Rd=125981.00 V,Ed/Vc,Rd=0.00

- Verifica a presso o tenso-flessione retta ZZ (4.2.4.1.2.7) - CC 29 SLU Xl=3.30 - Classe 2
Sollecitazioni: N=-5536.98 T_y=404.76 M_z=894.59
Mz,Ed=894.59 Mz,V,c,Rd=11904.20
N,Ed=-5536.98 Nc,Rd=-259785.00 ZZ n=N,Ed/Nc,Rd=0.02 MNz,c,Rd=11904.20 Mz,Ed/MNz,c,Rd=0.08

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 3 SND - Classe 3
Sollecitazioni: N,Ed=-1295.40 My,Ed=-689.07 Mz,Ed=-1423.19 L=3.30
αmy, αmz, αLT=0.95, 0.95, 0.95
L_{cr}=3.30 Curva b: α_{imp}=0.34 k_c=0.94 ψ=1.76 M,cr=122841.00 λ_{LT}=0.44
$\lambda_{LT,0}$=0.40 Φ_{LT}=0.58 β_{LT}=0.75 f=0.98 χ_{LT}=1.00
λ_y=32.83 Ncr,y=1477550.00 λ^*_y=0.43 Curva b: Φ_y=0.63 χ_y=0.91
λ_z=54.97 Ncr,z=526968.00 λ^*_z=0.72 Curva c: Φ_z=0.89 χ_z=0.71
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.03+0.17=0.21
Verifica ZZ: 0.00+0.02+0.17=0.20

- Verifica Spostamento relativo massimo per singola asta - CC 31
δ=0.04 (L/7693)

Asta n. 7 (7 -36) - Sez. 1 (COL HEA240) - Crit. 1

- Verifica in termini tensionali [4.2.4] - CC 7 SND Xl=0.00 - Classe 3
Sollecitazioni: N=-883.76 T_z=-169.79 M_y=-569.89 T_y=-662.32 M_z=1237.31
Tensioni: σ_N=-11.50 $\sigma_{m,d}$=-620.67 τ=0.00 σ_{max}=-632.17 (sfrut=0.19)
Tensioni: σ_N=-11.50 $\sigma_{m,d}$=186.21 τ=16.55 τ_{max}=16.55 (sfrut=0.01)
Tensioni: σ_N=-11.50 $\sigma_{m,d}$=-620.67 τ=0.00 $\sigma_{ID,max}$=632.17 (sfrut=0.19)

- Verifica a taglio Dir. Y [4.2.16] - CC 29 SLU Xl=0.00 - Classe 2
Sollecitazioni: T_y=-192.51
V,Ed=-192.51 Vc,Rd=125981.00 V,Ed/Vc,Rd=0.00

- Verifica a presso o tenso-flessione retta ZZ (4.2.4.1.2.7) - CC 29 SLU Xl=3.30 - Classe 2
Sollecitazioni: N=-4104.84 T_y=-192.51 M_z=-424.77
Mz,Ed=-424.77 Mz,V,c,Rd=11904.20
N,Ed=-4104.84 Nc,Rd=-259785.00 ZZ n=N,Ed/Nc,Rd=0.02 MNz,c,Rd=11904.20 Mz,Ed/MNz,c,Rd=0.04

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 7 SND - Classe 3
Sollecitazioni: N,Ed=-883.76 My,Ed=-569.89 Mz,Ed=1237.31 L=3.30
αmy, αmz, αLT=0.95, 0.95, 0.95
L_{cr}=3.30 Curva b: α_{imp}=0.34 k_c=0.94 ψ=1.73 M,cr=121063.00 λ_{LT}=0.44
$\lambda_{LT,0}$=0.40 Φ_{LT}=0.58 β_{LT}=0.75 f=0.98 χ_{LT}=1.00
λ_y=32.83 Ncr,y=1477550.00 λ^*_y=0.43 Curva b: Φ_y=0.63 χ_y=0.91
λ_z=54.97 Ncr,z=526968.00 λ^*_z=0.72 Curva c: Φ_z=0.89 χ_z=0.71
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.15=0.18
Verifica ZZ: 0.00+0.02+0.15=0.17

- Verifica Spostamento relativo massimo per singola asta - CC 31
δ=0.02 (L/15879)

Asta n. 201 (-4 -3) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 11 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=28.47 T_z=216.51 M_y=246.11 T_y=94.91 M_z=-126.73
  Tensioni: σ_N=0.46 $\sigma_{m,d}$=98.60 τ=0.00 σ_{max}=99.06 (sfrut=0.03)
  Tensioni: σ_N=0.46 $\sigma_{m,d}$=-30.83 τ=7.92 τ_{max}=7.92 (sfrut=0.00)
  Tensioni: σ_N=0.46 $\sigma_{m,d}$=98.60 τ=0.00 $\sigma_{ID,max}$=99.06 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=701.07
  V,Ed=701.07 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=701.07 M_y=880.26
  My,Ed=880.26 My,V,c,Rd=14964.90 My,Ed/My,V,c,Rd=0.06

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 9 SND - Classe 3
  Sollecitazioni: N,Ed=-28.47 My,Ed=246.11 Mz,Ed=-126.73 L=1.34
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=17.02 Ncr,y=4395380.00 λ^*_y=0.22 Curva a: Φ_y=0.53 χ_y=0.99
  λ_z=17.02 Ncr,z=4395380.00 λ^*_z=0.22 Curva a: Φ_z=0.53 χ_z=0.99
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.02+0.01=0.03
  Verifica ZZ: 0.00+0.01+0.01=0.02

Asta n. 201 (-5 -4) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 9 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=-69.78 T_z=470.88 M_y=605.07 T_y=232.61 M_z=-311.58
  Tensioni: σ_N=-1.14 $\sigma_{m,d}$=-242.41 τ=0.00 σ_{max}=-243.54 (sfrut=0.07)
  Tensioni: σ_N=-1.14 $\sigma_{m,d}$=-75.81 τ=17.23 τ_{max}=17.23 (sfrut=0.01)
  Tensioni: σ_N=-1.14 $\sigma_{m,d}$=-242.41 τ=0.00 $\sigma_{ID,max}$=243.54 (sfrut=0.07)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=1870.98
  V,Ed=1870.98 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.03

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=1870.98 M_y=2347.26
  My,Ed=2347.26 My,V,c,Rd=14964.90 My,Ed/My,V,c,Rd=0.16

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 13 SND - Classe 3
  Sollecitazioni: N,Ed=-69.78 My,Ed=605.07 Mz,Ed=311.58 L=0.79
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=10.13 Ncr,y=12411000.00 λ^*_y=0.13 Curva a: Φ_y=0.00 χ_y=1.00
  λ_z=10.13 Ncr,z=12411000.00 λ^*_z=0.13 Curva a: Φ_z=0.00 χ_z=1.00
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.04+0.02=0.07
  Verifica ZZ: 0.00+0.04+0.02=0.06

Asta n. 201 (-6 -5) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 5 SND Xl=0.54 - Classe 3
  Sollecitazioni: N=-244.94 T_z=-823.50 M_y=1289.40 T_y=-80.42 M_z=-93.44 M_x=-9.57
  Tensioni: σ_N=-3.99 $\sigma_{m,d}$=-365.69 τ=1.62 σ_{max}=-369.68 (sfrut=0.11)
  Tensioni: σ_N=-3.99 $\sigma_{m,d}$=-22.73 τ=31.75 τ_{max}=31.75 (sfrut=0.02)
  Tensioni: σ_N=-3.99 $\sigma_{m,d}$=-365.69 τ=1.62 $\sigma_{ID,max}$=369.69 (sfrut=0.11)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.54 - Classe 1
  Sollecitazioni: T_z=-2233.86
  V,Ed=-2233.86 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.04

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 29 SLU Xl=0.54 - Classe 1
  Sollecitazioni: N=192.50 T_z=-2233.86 M_y=1922.50
  My,Ed=1922.50 My,V,c,Rd=14964.90
  N,Ed=192.50 Nc,Rd=207726.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=14964.90 My,Ed/MNy,c,Rd=0.13

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 5 SND - Classe 3
  Sollecitazioni: N,Ed=-244.94 My,Ed=1289.40 Mz,Ed=-93.44 L=0.54
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=6.89 Ncr,y=26811000.00 λ^*_y=0.09 Curva a: Φ_y=0.00 χ_y=1.00
  λ_z=6.89 Ncr,z=26811000.00 λ^*_z=0.09 Curva a: Φ_z=0.00 χ_z=1.00
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.10+0.01=0.10
  Verifica ZZ: 0.00+0.08+0.01=0.08

Asta n. 201 (-7 -6) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 5 SND Xl=1.34 - Classe 3
  Sollecitazioni: N=-110.40 T_z=-581.38 M_y=851.20 T_y=-40.06 M_z=-49.96 M_x=-9.57
  Tensioni: σ_N=-1.80 $\sigma_{m,d}$=-238.31 τ=1.62 σ_{max}=-240.11 (sfrut=0.07)
  Tensioni: σ_N=-1.80 $\sigma_{m,d}$=-12.16 τ=22.89 τ_{max}=22.89 (sfrut=0.01)
  Tensioni: σ_N=-1.80 $\sigma_{m,d}$=-238.31 τ=1.62 $\sigma_{ID,max}$=240.13 (sfrut=0.07)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=1.34 - Classe 1
  Sollecitazioni: T_z=-1079.88
  V,Ed=-1079.88 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.02

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 29 SLU Xl=1.34 - Classe 1
  Sollecitazioni: N=192.50 T_z=-1079.88 M_y=723.88
  My,Ed=723.88 My,V,c,Rd=14964.90
  N,Ed=192.50 Nc,Rd=207726.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=14964.90 My,Ed/MNy,c,Rd=0.05

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 5 SND - Classe 3
  Sollecitazioni: N,Ed=-110.40 My,Ed=851.20 Mz,Ed=-49.96 L=1.34
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=17.02 Ncr,y=4395380.00 λ^*_y=0.22 Curva a: Φ_y=0.53 χ_y=0.99
  λ_z=17.02 Ncr,z=4395380.00 λ^*_z=0.22 Curva a: Φ_z=0.53 χ_z=0.99
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.06+0.00=0.07

Verifica ZZ: 0.00+0.05+0.00=0.05

Asta n. 201 (-8 -7) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.34 - Classe 3
Sollecitazioni: N=85.44 T_z=298.92 M_y=-389.45 T_y=3.27 M_z=3.53 M_x=-9.58
Tensioni: σ_N=1.39 $\sigma_{m,d}$=103.92 τ=1.62 σ_{max}=105.31 (sfrut=0.03)
Tensioni: σ_N=1.39 $\sigma_{m,d}$=-0.86 τ=12.56 τ_{max}=12.56 (sfrut=0.01)
Tensioni: σ_N=1.39 $\sigma_{m,d}$=103.92 τ=1.62 $\sigma_{ID,max}$=105.35 (sfrut=0.03)

- Verifica a taglio e torsione Dir. Y [4.2.25] - CC 1 SND Xl=0.00 - Classe 1
Sollecitazioni: T_y=3.27 M_x=-9.58
V,Ed=3.27 Vc,Rd,Red=59917.10 V,Ed/Vc,Rd,Red=0.00

- Verifica a taglio e torsione Dir. Z [4.2.25] - CC 1 SND Xl=0.00 - Classe 1
Sollecitazioni: T_z=363.32 M_x=-9.58
V,Ed=363.32 Vc,Rd,Red=59917.10 V,Ed/Vc,Rd,Red=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 29 SLU Xl=1.34 - Classe 1
Sollecitazioni: N=192.50 T_z=123.92 M_y=-662.22
My,Ed=-662.22 My,V,c,Rd=14964.90
N,Ed=192.50 Nc,Rd=207726.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=14964.90 My,Ed/MNy,c,Rd=0.04

Asta n. 201 (-9 -8) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
Sollecitazioni: N=-58.97 T_z=643.77 M_y=869.35 T_y=46.59 M_z=-63.06 M_x=-9.58
Tensioni: σ_N=-0.96 $\sigma_{m,d}$=-246.58 τ=1.62 σ_{max}=-247.53 (sfrut=0.07)
Tensioni: σ_N=-0.96 $\sigma_{m,d}$=15.34 τ=25.17 τ_{max}=25.17 (sfrut=0.01)
Tensioni: σ_N=-0.96 $\sigma_{m,d}$=-246.58 τ=1.62 $\sigma_{ID,max}$=247.55 (sfrut=0.07)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=1411.44
V,Ed=1411.44 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.02

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: N=192.50 T_z=1411.44 M_y=1387.99
My,Ed=1387.99 My,V,c,Rd=14964.90
N,Ed=192.50 Nc,Rd=207726.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=14964.90 My,Ed/MNy,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 29 SLU - Classe 3
Sollecitazioni: My,Ed=1387.99 Mz,Ed=-0.00 L=1.34
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=17.02 Ncr,y=4395370.00 λ^*_y=0.22 Curva a: Φ_y=0.53 χ_y=0.99
λ_z=17.02 Ncr,z=4395370.00 λ^*_z=0.22 Curva a: Φ_z=0.53 χ_z=0.99
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.10=0.10
Verifica ZZ: 0.00+0.08=0.08

Asta n. 201 (-10 -9) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
Sollecitazioni: N=-192.43 T_z=881.68 M_y=1264.10 T_y=86.63 M_z=-102.33 M_x=-9.58
Tensioni: σ_N=-3.13 $\sigma_{m,d}$=-361.35 τ=1.62 σ_{max}=-364.48 (sfrut=0.11)
Tensioni: σ_N=-3.13 $\sigma_{m,d}$=24.90 τ=33.87 τ_{max}=33.87 (sfrut=0.02)
Tensioni: σ_N=-3.13 $\sigma_{m,d}$=-361.35 τ=1.62 $\sigma_{ID,max}$=364.50 (sfrut=0.11)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=2559.94
V,Ed=2559.94 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.04

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: N=192.50 T_z=2559.94 M_y=2542.07
My,Ed=2542.07 My,V,c,Rd=14964.90
N,Ed=192.50 Nc,Rd=207726.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=14964.90 My,Ed/MNy,c,Rd=0.17

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 29 SLU - Classe 3
Sollecitazioni: My,Ed=2542.07 Mz,Ed=-0.00 L=0.45
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=5.78 Ncr,y=38136200.00 λ^*_y=0.08 Curva a: Φ_y=0.00 χ_y=1.00
λ_z=5.78 Ncr,z=38136200.00 λ^*_z=0.08 Curva a: Φ_z=0.00 χ_z=1.00
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.19=0.19
Verifica ZZ: 0.00+0.15=0.15

Asta n. 202 (-11 -10) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 5 SND Xl=0.88 - Classe 3
Sollecitazioni: N=-455.13 T_z=-824.35 M_y=1220.94 T_y=-104.15 M_z=-102.46 M_x=-4.40
Tensioni: σ_N=-7.41 $\sigma_{m,d}$=-349.97 τ=0.75 σ_{max}=-357.38 (sfrut=0.11)
Tensioni: σ_N=-7.41 $\sigma_{m,d}$=-24.93 τ=30.90 τ_{max}=30.90 (sfrut=0.02)
Tensioni: σ_N=-7.41 $\sigma_{m,d}$=-349.97 τ=0.75 $\sigma_{ID,max}$=357.38 (sfrut=0.11)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.88 - Classe 1
Sollecitazioni: T_z=-2977.04
V,Ed=-2977.04 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.05

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 29 SLU Xl=0.88 - Classe 1
Sollecitazioni: N=-212.25 T_z=-2977.04 M_y=3436.65
My,Ed=3436.65 My,V,c,Rd=14964.90
N,Ed=-212.25 Nc,Rd=-207726.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=14964.90 My,Ed/MNy,c,Rd=0.23

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 29 SLU - Classe 3
Sollecitazioni: N,Ed=-212.25 My,Ed=3436.65 Mz,Ed=-0.00 L=0.88
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=11.24 Ncr,y=10074900.00 λ^*_y=0.15 Curva a: Φ_y=0.00 χ_y=1.00
λ_z=11.24 Ncr,z=10074900.00 λ^*_z=0.15 Curva a: Φ_z=0.00 χ_z=1.00
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.26=0.26
Verifica ZZ: 0.00+0.20=0.21

Asta n. 202 (-12 -11) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 13 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=46.17 T_z=-339.79 M_y=-394.68 T_y=208.39 M_z=-242.92 M_x=14.68
  Tensioni: σ_N=0.75 $\sigma_{m,d}$=168.61 τ=2.49 σ_{max}=169.37 (sfrut=0.05)
  Tensioni: σ_N=0.75 $\sigma_{m,d}$=59.10 τ=14.92 τ_{max}=14.92 (sfrut=0.01)
  Tensioni: σ_N=0.75 $\sigma_{m,d}$=168.61 τ=2.49 $\sigma_{ID,max}$=169.42 (sfrut=0.05)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=1.34 - Classe 1
  Sollecitazioni: T_z=-1801.66
  V,Ed=-1801.66 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.03

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 29 SLU Xl=0.00 - Classe 1
  Sollecitazioni: N=-212.25 T_z=-1717.94 M_y=-1514.62
  My,Ed=-1514.62 My,V,c,Rd=14964.90
  N,Ed=-212.25 Nc,Rd=-207726.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=14964.90 My,Ed/MNy,c,Rd=0.10

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 29 SLU - Classe 3
  Sollecitazioni: N,Ed=-212.25 My,Ed=-1514.62 Mz,Ed=-0.00 L=1.34
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=17.02 Ncr,y=4395370.00 λ^*_y=0.22 Curva a: Φ_y=0.53 χ_y=0.99
  λ_z=17.02 Ncr,z=4395370.00 λ^*_z=0.22 Curva a: Φ_z=0.53 χ_z=0.99
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.11=0.11
  Verifica ZZ: 0.00+0.09=0.09

Asta n. 202 (-13 -12) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 11 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=-77.82 T_z=-133.91 M_y=-526.58 T_y=-63.97 M_z=328.35 M_x=-14.68
  Tensioni: σ_N=-1.27 $\sigma_{m,d}$=-226.09 τ=2.49 σ_{max}=-227.35 (sfrut=0.07)
  Tensioni: σ_N=-1.27 $\sigma_{m,d}$=79.89 τ=7.39 τ_{max}=7.39 (sfrut=0.00)
  Tensioni: σ_N=-1.27 $\sigma_{m,d}$=-226.09 τ=2.49 $\sigma_{ID,max}$=227.40 (sfrut=0.07)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=1.34 - Classe 1
  Sollecitazioni: T_z=-597.86
  V,Ed=-597.86 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 29 SLU Xl=0.00 - Classe 1
  Sollecitazioni: N=-212.25 T_z=-514.13 M_y=-2257.07
  My,Ed=-2257.07 My,V,c,Rd=14964.90
  N,Ed=-212.25 Nc,Rd=-207726.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=14964.90 My,Ed/MNy,c,Rd=0.15

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 29 SLU - Classe 3
  Sollecitazioni: N,Ed=-212.25 My,Ed=-2257.07 Mz,Ed=-0.00 L=1.34
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=17.02 Ncr,y=4395370.00 λ^*_y=0.22 Curva a: Φ_y=0.53 χ_y=0.99
  λ_z=17.02 Ncr,z=4395370.00 λ^*_z=0.22 Curva a: Φ_z=0.53 χ_z=0.99
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.17=0.17
  Verifica ZZ: 0.00+0.13=0.14

Asta n. 202 (-14 -13) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 11 SND Xl=1.34 - Classe 3
  Sollecitazioni: N=-34.50 T_z=82.13 M_y=-526.58 T_y=80.44 M_z=328.35 M_x=-14.68
  Tensioni: σ_N=-0.56 $\sigma_{m,d}$=-226.09 τ=2.49 σ_{max}=-226.65 (sfrut=0.07)
  Tensioni: σ_N=-0.56 $\sigma_{m,d}$=-79.89 τ=5.50 τ_{max}=5.50 (sfrut=0.00)
  Tensioni: σ_N=-0.56 $\sigma_{m,d}$=-226.09 τ=2.49 $\sigma_{ID,max}$=226.69 (sfrut=0.07)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=689.67
  V,Ed=689.67 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 29 SLU Xl=1.34 - Classe 1
  Sollecitazioni: N=-212.25 T_z=605.94 M_y=-2257.07
  My,Ed=-2257.07 My,V,c,Rd=14964.90
  N,Ed=-212.25 Nc,Rd=-207726.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=14964.90 My,Ed/MNy,c,Rd=0.15

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 29 SLU - Classe 3
  Sollecitazioni: N,Ed=-212.25 My,Ed=-2257.07 Mz,Ed=-0.00 L=1.34
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=17.02 Ncr,y=4395370.00 λ^*_y=0.22 Curva a: Φ_y=0.53 χ_y=0.99
  λ_z=17.02 Ncr,z=4395370.00 λ^*_z=0.22 Curva a: Φ_z=0.53 χ_z=0.99
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.17=0.17
  Verifica ZZ: 0.00+0.13=0.14

Asta n. 202 (-15 -14) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=-191.87 T_z=588.55 M_y=605.67 T_y=67.46 M_z=-23.80 M_x=-4.40
  Tensioni: σ_N=-3.12 $\sigma_{m,d}$=-166.46 τ=0.75 σ_{max}=-169.59 (sfrut=0.05)
  Tensioni: σ_N=-3.12 $\sigma_{m,d}$=5.79 τ=22.28 τ_{max}=22.28 (sfrut=0.01)
  Tensioni: σ_N=-3.12 $\sigma_{m,d}$=-166.46 τ=0.75 $\sigma_{ID,max}$=169.59 (sfrut=0.05)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=1893.47
  V,Ed=1893.47 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.03

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 29 SLU Xl=1.34 - Classe 1
  Sollecitazioni: N=-212.25 T_z=1809.74 M_y=-1392.04
  My,Ed=-1392.04 My,V,c,Rd=14964.90
  N,Ed=-212.25 Nc,Rd=-207726.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=14964.90 My,Ed/MNy,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 29 SLU - Classe 3
  Sollecitazioni: N,Ed=-212.25 My,Ed=-1392.04 Mz,Ed=-0.00 L=1.34
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=17.02 Ncr,y=4395370.00 λ^*_y=0.22 Curva a: Φ_y=0.53 χ_y=0.99
  λ_z=17.02 Ncr,z=4395370.00 λ^*_z=0.22 Curva a: Φ_z=0.53 χ_z=0.99
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95

Verifica YY: 0.00+0.10=0.10
Verifica ZZ: 0.00+0.08=0.08

Asta n. 202 (203 -15) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
Sollecitazioni: N=-330.59 T_z=846.87 M_y=1329.56 T_y=109.07 M_z=-119.42 M_x=-4.41
Tensioni: σ_N=-5.38 $\sigma_{m,d}$=-383.18 τ=0.75 σ_{max}=-388.56 (sfrut=0.11)
Tensioni: σ_N=-5.38 $\sigma_{m,d}$=29.05 τ=31.73 τ_{max}=31.73 (sfrut=0.02)
Tensioni: σ_N=-5.38 $\sigma_{m,d}$=-383.18 τ=0.75 $\sigma_{ID,max}$=388.57 (sfrut=0.11)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=3068.51
V,Ed=3068.51 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.05

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: N=-212.25 T_z=3068.51 M_y=3746.45
My,Ed=3746.45 My,V,c,Rd=14964.90
N,Ed=-212.25 Nc,Rd=-207726.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=14964.90 My,Ed/MNy,c,Rd=0.25

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 29 SLU - Classe 3
Sollecitazioni: N,Ed=-212.25 My,Ed=3746.45 Mz,Ed=-0.00 L=0.88
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=11.17 Ncr,y=10197800.00 λ^*_y=0.15 Curva a: Φ_y=0.00 χ_y=1.00
λ_z=11.17 Ncr,z=10197800.00 λ^*_z=0.15 Curva a: Φ_z=0.00 χ_z=1.00
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.28=0.28
Verifica ZZ: 0.00+0.22=0.22

Asta n. 203 (-16 203) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 5 SND Xl=0.46 - Classe 3
Sollecitazioni: N=-309.81 T_z=-869.83 M_y=1293.43 T_y=-104.54 M_z=-119.34 M_x=4.32
Tensioni: σ_N=-5.04 $\sigma_{m,d}$=-373.61 τ=0.73 σ_{max}=-378.65 (sfrut=0.11)
Tensioni: σ_N=-5.04 $\sigma_{m,d}$=29.04 τ=32.55 τ_{max}=32.55 (sfrut=0.02)
Tensioni: σ_N=-5.04 $\sigma_{m,d}$=-373.61 τ=0.73 $\sigma_{ID,max}$=378.65 (sfrut=0.11)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.46 - Classe 1
Sollecitazioni: T_z=-2983.68
V,Ed=-2983.68 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.05

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 29 SLU Xl=0.46 - Classe 1
Sollecitazioni: N=46.56 T_z=-2983.68 M_y=3174.75
My,Ed=3174.75 My,V,c,Rd=14964.90
N,Ed=46.56 Nc,Rd=207726.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=14964.90 My,Ed/MNy,c,Rd=0.21

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 29 SLU - Classe 3
Sollecitazioni: My,Ed=3174.75 Mz,Ed=-0.00 L=0.46
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=5.85 Ncr,y=37254500.00 λ^*_y=0.08 Curva a: Φ_y=0.00 χ_y=1.00
λ_z=5.85 Ncr,z=37254500.00 λ^*_z=0.08 Curva a: Φ_z=0.00 χ_z=1.00
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.24=0.24
Verifica ZZ: 0.00+0.19=0.19

Asta n. 203 (-17 -16) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 5 SND Xl=1.34 - Classe 3
Sollecitazioni: N=-176.28 T_z=-631.67 M_y=899.56 T_y=-64.48 M_z=-71.39 M_x=4.32
Tensioni: σ_N=-2.87 $\sigma_{m,d}$=-256.77 τ=0.73 σ_{max}=-259.64 (sfrut=0.08)
Tensioni: σ_N=-2.87 $\sigma_{m,d}$=17.37 τ=23.84 τ_{max}=23.84 (sfrut=0.01)
Tensioni: σ_N=-2.87 $\sigma_{m,d}$=-256.77 τ=0.73 $\sigma_{ID,max}$=259.64 (sfrut=0.08)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=1.34 - Classe 1
Sollecitazioni: T_z=-1834.85
V,Ed=-1834.85 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.03

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 29 SLU Xl=1.34 - Classe 1
Sollecitazioni: N=46.56 T_z=-1834.85 M_y=1812.88
My,Ed=1812.88 My,V,c,Rd=14964.90
N,Ed=46.56 Nc,Rd=207726.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=14964.90 My,Ed/MNy,c,Rd=0.12

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 29 SLU - Classe 3
Sollecitazioni: My,Ed=1812.88 Mz,Ed=-0.00 L=1.34
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=17.02 Ncr,y=4395380.00 λ^*_y=0.22 Curva a: Φ_y=0.53 χ_y=0.99
λ_z=17.02 Ncr,z=4395380.00 λ^*_z=0.22 Curva a: Φ_z=0.53 χ_z=0.99
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.13=0.13
Verifica ZZ: 0.00+0.11=0.11

Asta n. 203 (-18 -17) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 11 SND Xl=0.00 - Classe 3
Sollecitazioni: N=6.55 T_z=-159.88 M_y=-317.88 T_y=-70.52 M_z=143.20 M_x=14.41
Tensioni: σ_N=0.11 $\sigma_{m,d}$=121.93 τ=2.44 σ_{max}=122.04 (sfrut=0.04)
Tensioni: σ_N=0.11 $\sigma_{m,d}$=-34.84 τ=8.29 τ_{max}=8.29 (sfrut=0.00)
Tensioni: σ_N=0.11 $\sigma_{m,d}$=121.93 τ=2.44 $\sigma_{ID,max}$=122.11 (sfrut=0.04)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=1.34 - Classe 1
Sollecitazioni: T_z=-631.05
V,Ed=-631.05 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: N=46.56 T_z=-547.32 M_y=-1368.08
My,Ed=-1368.08 My,V,c,Rd=14964.90
N,Ed=46.56 Nc,Rd=207726.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=14964.90 My,Ed/MNy,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 11 SND - Classe 3
Sollecitazioni: My,Ed=-317.88 Mz,Ed=143.20 L=1.34
αmy, αmz, αLT=0.95, 0.95, 0.95

λ_Y=17.02 Ncr,y=4395370.00 λ^*_y=0.22 Curva a: Φ_y=0.53 χ_y=0.99
λ_Z=17.02 Ncr,z=4395370.00 λ^*_z=0.22 Curva a: Φ_z=0.53 χ_z=0.99
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.02+0.01=0.03

Asta n. 203 (-19 -18) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 11 SND Xl=1.34 - Classe 3
Sollecitazioni: N=49.87 T_z=56.16 M_y=-317.87 T_y=73.89 M_z=143.19 M_x=14.41
Tensioni: σ_N=0.81 $\sigma_{m,d}$=121.93 τ=2.44 σ_{max}=122.74 (sfrut=0.04)
Tensioni: σ_N=0.81 $\sigma_{m,d}$=77.34 τ=5.15 τ_{max}=5.15 (sfrut=0.00)
Tensioni: σ_N=0.81 $\sigma_{m,d}$=121.93 τ=2.44 $\sigma_{ID,max}$=122.81 (sfrut=0.04)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=656.48
V,Ed=656.48 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 29 SLU Xl=1.34 - Classe 1
Sollecitazioni: N=46.56 T_z=572.76 M_y=-1368.04
My,Ed=-1368.04 My,V,c,Rd=14964.90
N,Ed=46.56 Nc,Rd=207726.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=14964.90 My,Ed/MNy,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 29 SLU - Classe 3
Sollecitazioni: My,Ed=-1368.04 Mz,Ed=0.00 L=1.34
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_Y=17.02 Ncr,y=4395380.00 λ^*_y=0.22 Curva a: Φ_y=0.53 χ_y=0.99
λ_Z=17.02 Ncr,z=4395380.00 λ^*_z=0.22 Curva a: Φ_z=0.53 χ_z=0.99
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.10=0.10
Verifica ZZ: 0.00+0.08=0.08

Asta n. 203 (-20 -19) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
Sollecitazioni: N=-210.93 T_z=636.76 M_y=939.00 T_y=65.49 M_z=-74.10 M_x=4.32
Tensioni: σ_N=-3.43 $\sigma_{m,d}$=-267.91 τ=0.73 σ_{max}=-271.35 (sfrut=0.08)
Tensioni: σ_N=-3.43 $\sigma_{m,d}$=-18.03 τ=24.03 τ_{max}=24.03 (sfrut=0.01)
Tensioni: σ_N=-3.43 $\sigma_{m,d}$=-267.91 τ=0.73 $\sigma_{ID,max}$=271.35 (sfrut=0.08)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=1860.28
V,Ed=1860.28 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.03

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: N=46.56 T_z=1860.28 M_y=1880.82
My,Ed=1880.82 My,V,c,Rd=14964.90
N,Ed=46.56 Nc,Rd=207726.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=14964.90 My,Ed/MNy,c,Rd=0.13

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 29 SLU - Classe 3
Sollecitazioni: My,Ed=1880.82 Mz,Ed=0.00 L=1.34
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_Y=17.02 Ncr,y=4395370.00 λ^*_y=0.22 Curva a: Φ_y=0.53 χ_y=0.99
λ_Z=17.02 Ncr,z=4395370.00 λ^*_z=0.22 Curva a: Φ_z=0.53 χ_z=0.99
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.14=0.14
Verifica ZZ: 0.00+0.11=0.11

Asta n. 203 (204 -20) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
Sollecitazioni: N=-308.32 T_z=798.51 M_y=1097.74 T_y=94.71 M_z=-93.04 M_x=4.32
Tensioni: σ_N=-5.02 $\sigma_{m,d}$=-314.90 τ=0.73 σ_{max}=-319.92 (sfrut=0.09)
Tensioni: σ_N=-5.02 $\sigma_{m,d}$=-22.64 τ=29.94 τ_{max}=29.94 (sfrut=0.02)
Tensioni: σ_N=-5.02 $\sigma_{m,d}$=-314.90 τ=0.73 $\sigma_{ID,max}$=319.92 (sfrut=0.09)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=2490.17
V,Ed=2490.17 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.04

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: N=46.56 T_z=2490.17 M_y=2377.60
My,Ed=2377.60 My,V,c,Rd=14964.90
N,Ed=46.56 Nc,Rd=207726.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=14964.90 My,Ed/MNy,c,Rd=0.16

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 29 SLU - Classe 3
Sollecitazioni: My,Ed=2377.60 Mz,Ed=0.00 L=0.20
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_Y=2.55 Ncr,y=195939000.00 λ^*_y=0.03 Curva a: Φ_y=0.00 χ_y=1.00
λ_Z=2.55 Ncr,z=195939000.00 λ^*_z=0.03 Curva a: Φ_z=0.00 χ_z=1.00
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.18=0.18
Verifica ZZ: 0.00+0.14=0.14

Asta n. 204 (204 -21) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 5 SND Xl=0.00 - Classe 3
Sollecitazioni: N=-308.32 T_z=798.51 M_y=1097.74 T_y=-94.71 M_z=93.04 M_x=-4.32
Tensioni: σ_N=-5.02 $\sigma_{m,d}$=-314.90 τ=0.73 σ_{max}=-319.92 (sfrut=0.09)
Tensioni: σ_N=-5.02 $\sigma_{m,d}$=-22.64 τ=29.94 τ_{max}=29.94 (sfrut=0.02)
Tensioni: σ_N=-5.02 $\sigma_{m,d}$=-314.90 τ=0.73 $\sigma_{ID,max}$=319.92 (sfrut=0.09)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=2490.17
V,Ed=2490.17 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.04

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: N=46.56 T_z=2490.17 M_y=2377.60
My,Ed=2377.60 My,V,c,Rd=14964.90
N,Ed=46.56 Nc,Rd=207726.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=14964.90 My,Ed/MNy,c,Rd=0.16

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 29 SLU - Classe 3
  Sollecitazioni: My,Ed=2377.60 Mz,Ed=-0.00 L=0.20
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=2.55 Ncr,y=195939000.00 λ^*_y=0.03 Curva a: Φ_y=0.00 χ_y=1.00
  λ_z=2.55 Ncr,z=195939000.00 λ^*_z=0.03 Curva a: Φ_z=0.00 χ_z=1.00
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.18=0.18
  Verifica ZZ: 0.00+0.14=0.14

Asta n. 204 (-21 -22) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 5 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=-210.93 T_z=636.76 M_y=939.00 T_y=-65.49 M_z=74.10 M_x=-4.32
  Tensioni: σ_N=-3.43 $\sigma_{m,d}$=-267.91 τ=0.73 σ_{max}=-271.35 (sfrut=0.08)
  Tensioni: σ_N=-3.43 $\sigma_{m,d}$=-18.03 τ=24.03 τ_{max}=24.03 (sfrut=0.01)
  Tensioni: σ_N=-3.43 $\sigma_{m,d}$=-267.91 τ=0.73 $\sigma_{ID,max}$=271.35 (sfrut=0.08)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=1860.28
  V,Ed=1860.28 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.03

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 29 SLU Xl=0.00 - Classe 1
  Sollecitazioni: N=46.56 T_z=1860.28 M_y=1880.82
  My,Ed=1880.82 My,V,c,Rd=14964.90
  N,Ed=46.56 Nc,Rd=207726.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=14964.90 My,Ed/MNy,c,Rd=0.13

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 29 SLU - Classe 3
  Sollecitazioni: My,Ed=1880.82 Mz,Ed=-0.00 L=1.34
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=17.02 Ncr,y=4395380.00 λ^*_y=0.22 Curva a: Φ_y=0.53 χ_y=0.99
  λ_z=17.02 Ncr,z=4395380.00 λ^*_z=0.22 Curva a: Φ_z=0.53 χ_z=0.99
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.14=0.14
  Verifica ZZ: 0.00+0.11=0.11

Asta n. 204 (-22 -23) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 13 SND Xl=1.34 - Classe 3
  Sollecitazioni: N=49.87 T_z=56.16 M_y=-317.87 T_y=73.89 M_z=143.19 M_x=14.41
  Tensioni: σ_N=0.81 $\sigma_{m,d}$=121.93 τ=2.44 σ_{max}=122.74 (sfrut=0.04)
  Tensioni: σ_N=0.81 $\sigma_{m,d}$=77.34 τ=5.15 τ_{max}=5.15 (sfrut=0.00)
  Tensioni: σ_N=0.81 $\sigma_{m,d}$=121.93 τ=2.44 $\sigma_{ID,max}$=122.81 (sfrut=0.04)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=656.48
  V,Ed=656.48 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 29 SLU Xl=1.34 - Classe 1
  Sollecitazioni: N=46.56 T_z=572.76 M_y=-1368.04
  My,Ed=-1368.04 My,V,c,Rd=14964.90
  N,Ed=46.56 Nc,Rd=207726.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=14964.90 My,Ed/MNy,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 29 SLU - Classe 3
  Sollecitazioni: My,Ed=-1368.04 Mz,Ed=-0.00 L=1.34
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=17.02 Ncr,y=4395360.00 λ^*_y=0.22 Curva a: Φ_y=0.53 χ_y=0.99
  λ_z=17.02 Ncr,z=4395360.00 λ^*_z=0.22 Curva a: Φ_z=0.53 χ_z=0.99
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.10=0.10
  Verifica ZZ: 0.00+0.08=0.08

Asta n. 204 (-23 -24) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 9 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=6.55 T_z=-159.88 M_y=-317.88 T_y=70.52 M_z=-143.19 M_x=-14.41
  Tensioni: σ_N=0.11 $\sigma_{m,d}$=121.93 τ=2.44 σ_{max}=122.04 (sfrut=0.04)
  Tensioni: σ_N=0.11 $\sigma_{m,d}$=-34.84 τ=8.29 τ_{max}=8.29 (sfrut=0.00)
  Tensioni: σ_N=0.11 $\sigma_{m,d}$=121.93 τ=2.44 $\sigma_{ID,max}$=122.11 (sfrut=0.04)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=1.34 - Classe 1
  Sollecitazioni: T_z=-631.05
  V,Ed=-631.05 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 29 SLU Xl=0.00 - Classe 1
  Sollecitazioni: N=46.56 T_z=-547.32 M_y=-1368.08
  My,Ed=-1368.08 My,V,c,Rd=14964.90
  N,Ed=46.56 Nc,Rd=207726.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=14964.90 My,Ed/MNy,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 9 SND - Classe 3
  Sollecitazioni: My,Ed=-317.88 Mz,Ed=-143.19 L=1.34
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=17.02 Ncr,y=4395380.00 λ^*_y=0.22 Curva a: Φ_y=0.53 χ_y=0.99
  λ_z=17.02 Ncr,z=4395380.00 λ^*_z=0.22 Curva a: Φ_z=0.53 χ_z=0.99
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.02+0.01=0.03
  Verifica ZZ: 0.00+0.02+0.01=0.03

Asta n. 204 (-24 -25) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.34 - Classe 3
  Sollecitazioni: N=-176.28 T_z=-631.67 M_y=899.56 T_y=64.48 M_z=71.39 M_x=-4.32
  Tensioni: σ_N=-2.87 $\sigma_{m,d}$=-256.77 τ=0.73 σ_{max}=-259.64 (sfrut=0.08)
  Tensioni: σ_N=-2.87 $\sigma_{m,d}$=17.37 τ=23.84 τ_{max}=23.84 (sfrut=0.01)
  Tensioni: σ_N=-2.87 $\sigma_{m,d}$=-256.77 τ=0.73 $\sigma_{ID,max}$=259.64 (sfrut=0.08)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=1.34 - Classe 1
  Sollecitazioni: T_z=-1834.85
  V,Ed=-1834.85 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.03

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 29 SLU Xl=1.34 - Classe 1
  Sollecitazioni: N=46.56 T_z=-1834.85 M_y=1812.89

My,Ed=1812.89 My,V,c,Rd=14964.90
N,Ed=46.56 Nc,Rd=207726.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=14964.90 My,Ed/MNy,c,Rd=0.12

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 29 SLU - Classe 3
Sollecitazioni: My,Ed=1812.89 Mz,Ed=0.00 L=1.34
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=17.02 Ncr,y=4395380.00 λ^*_y=0.22 Curva a: Φ_y=0.53 χ_y=0.99
λ_z=17.02 Ncr,z=4395380.00 λ^*_z=0.22 Curva a: Φ_z=0.53 χ_z=0.99
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.13=0.13
Verifica ZZ: 0.00+0.11=0.11

Asta n. 204 (-25 205) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 3 SND Xl=0.46 - Classe 3
Sollecitazioni: N=-309.81 T_z=-869.83 M_y=1293.44 T_y=-104.54 M_z=-119.34 M_x=4.32
Tensioni: σ_N=-5.04 $\sigma_{m,d}$=-373.61 τ=0.73 σ_{max}=-378.65 (sfrut=0.11)
Tensioni: σ_N=-5.04 $\sigma_{m,d}$=29.04 τ=32.55 τ_{max}=32.55 (sfrut=0.02)
Tensioni: σ_N=-5.04 $\sigma_{m,d}$=-373.61 τ=0.73 $\sigma_{ID,max}$=378.65 (sfrut=0.11)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.46 - Classe 1
Sollecitazioni: T_z=-2983.68
V,Ed=-2983.68 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.05

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 29 SLU Xl=0.46 - Classe 1
Sollecitazioni: N=46.56 T_z=-2983.68 M_y=3174.75
My,Ed=3174.75 My,V,c,Rd=14964.90
N,Ed=46.56 Nc,Rd=207726.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=14964.90 My,Ed/MNy,c,Rd=0.21

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 29 SLU - Classe 3
Sollecitazioni: My,Ed=3174.75 Mz,Ed=0.00 L=0.46
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=5.85 Ncr,y=37254500.00 λ^*_y=0.08 Curva a: Φ_y=0.00 χ_y=1.00
λ_z=5.85 Ncr,z=37254500.00 λ^*_z=0.08 Curva a: Φ_z=0.00 χ_z=1.00
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.24=0.24
Verifica ZZ: 0.00+0.19=0.19

Asta n. 205 (205 -26) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 5 SND Xl=0.00 - Classe 3
Sollecitazioni: N=-330.59 T_z=846.87 M_y=1329.57 T_y=-109.07 M_z=119.42 M_x=4.41
Tensioni: σ_N=-5.38 $\sigma_{m,d}$=-383.18 τ=0.75 σ_{max}=-388.56 (sfrut=0.11)
Tensioni: σ_N=-5.38 $\sigma_{m,d}$=29.05 τ=31.73 τ_{max}=31.73 (sfrut=0.02)
Tensioni: σ_N=-5.38 $\sigma_{m,d}$=-383.18 τ=0.75 $\sigma_{ID,max}$=388.57 (sfrut=0.11)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=3068.51
V,Ed=3068.51 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.05

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: N=-212.25 T_z=3068.51 M_y=3746.46
My,Ed=3746.46 My,V,c,Rd=14964.90
N,Ed=-212.25 Nc,Rd=-207726.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=14964.90 My,Ed/MNy,c,Rd=0.25

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 29 SLU - Classe 3
Sollecitazioni: N,Ed=-212.25 My,Ed=3746.46 Mz,Ed=0.00 L=0.88
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=11.17 Ncr,y=10197800.00 λ^*_y=0.15 Curva a: Φ_y=0.00 χ_y=1.00
λ_z=11.17 Ncr,z=10197800.00 λ^*_z=0.15 Curva a: Φ_z=0.00 χ_z=1.00
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.28=0.28
Verifica ZZ: 0.00+0.22=0.22

Asta n. 205 (-26 -27) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 5 SND Xl=0.00 - Classe 3
Sollecitazioni: N=-191.87 T_z=588.55 M_y=605.65 T_y=-67.46 M_z=23.79 M_x=4.40
Tensioni: σ_N=-3.12 $\sigma_{m,d}$=-166.46 τ=0.75 σ_{max}=-169.58 (sfrut=0.05)
Tensioni: σ_N=-3.12 $\sigma_{m,d}$=5.79 τ=22.28 τ_{max}=22.28 (sfrut=0.01)
Tensioni: σ_N=-3.12 $\sigma_{m,d}$=-166.46 τ=0.75 $\sigma_{ID,max}$=169.58 (sfrut=0.05)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=1893.47
V,Ed=1893.47 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.03

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 29 SLU Xl=1.34 - Classe 1
Sollecitazioni: N=-212.25 T_z=1809.74 M_y=-1392.11
My,Ed=-1392.11 My,V,c,Rd=14964.90
N,Ed=-212.25 Nc,Rd=-207726.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=14964.90 My,Ed/MNy,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 29 SLU - Classe 3
Sollecitazioni: N,Ed=-212.25 My,Ed=-1392.11 Mz,Ed=0.00 L=1.34
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=17.02 Ncr,y=4395360.00 λ^*_y=0.22 Curva a: Φ_y=0.53 χ_y=0.99
λ_z=17.02 Ncr,z=4395360.00 λ^*_z=0.22 Curva a: Φ_z=0.53 χ_z=0.99
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.10=0.10
Verifica ZZ: 0.00+0.08=0.08

Asta n. 205 (-27 -28) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 13 SND Xl=1.34 - Classe 3
Sollecitazioni: N=-34.50 T_z=82.13 M_y=-526.59 T_y=80.44 M_z=328.35 M_x=-14.68
Tensioni: σ_N=-0.56 $\sigma_{m,d}$=-226.09 τ=2.49 σ_{max}=-226.65 (sfrut=0.07)
Tensioni: σ_N=-0.56 $\sigma_{m,d}$=-79.89 τ=5.50 τ_{max}=5.50 (sfrut=0.00)
Tensioni: σ_N=-0.56 $\sigma_{m,d}$=-226.09 τ=2.49 $\sigma_{ID,max}$=226.69 (sfrut=0.07)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=689.67
V,Ed=689.67 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 29 SLU Xl=1.34 - Classe 1
  Sollecitazioni: N=-212.25 T_z=605.94 M_y=-2257.09
  My,Ed=-2257.09 My,V,c,Rd=14964.90
  N,Ed=-212.25 Nc,Rd=-207726.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=14964.90 My,Ed/MNy,c,Rd=0.15

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 29 SLU - Classe 3
  Sollecitazioni: N,Ed=-212.25 My,Ed=-2257.09 Mz,Ed=0.00 L=1.34
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=17.02 Ncr,y=4395360.00 λ^*_y=0.22 Curva a: Φ_y=0.53 χ_y=0.99
  λ_z=17.02 Ncr,z=4395360.00 λ^*_z=0.22 Curva a: Φ_z=0.53 χ_z=0.99
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.17=0.17
  Verifica ZZ: 0.00+0.13=0.14

Asta n. 205 (-28 -29) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 9 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=-77.82 T_z=-133.91 M_y=-526.58 T_y=63.97 M_z=-328.35 M_x=14.68
  Tensioni: σ_N=-1.27 $\sigma_{m,d}$=-226.09 τ=2.49 σ_{max}=-227.35 (sfrut=0.07)
  Tensioni: σ_N=-1.27 $\sigma_{m,d}$=79.89 τ=7.39 τ_{max}=7.39 (sfrut=0.00)
  Tensioni: σ_N=-1.27 $\sigma_{m,d}$=-226.09 τ=2.49 $\sigma_{ID,max}$=227.40 (sfrut=0.07)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=1.34 - Classe 1
  Sollecitazioni: T_z=-597.86
  V,Ed=-597.86 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 29 SLU Xl=0.00 - Classe 1
  Sollecitazioni: N=-212.25 T_z=-514.13 M_y=-2257.06
  My,Ed=-2257.06 My,V,c,Rd=14964.90
  N,Ed=-212.25 Nc,Rd=-207726.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=14964.90 My,Ed/MNy,c,Rd=0.15

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 29 SLU - Classe 3
  Sollecitazioni: N,Ed=-212.25 My,Ed=-2257.06 Mz,Ed=0.00 L=1.34
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=17.02 Ncr,y=4395380.00 λ^*_y=0.22 Curva a: Φ_y=0.53 χ_y=0.99
  λ_z=17.02 Ncr,z=4395380.00 λ^*_z=0.22 Curva a: Φ_z=0.53 χ_z=0.99
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.17=0.17
  Verifica ZZ: 0.00+0.13=0.14

Asta n. 205 (-29 -30) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 15 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=46.17 T_z=-339.79 M_y=-394.67 T_y=-208.39 M_z=242.92 M_x=-14.68
  Tensioni: σ_N=0.75 $\sigma_{m,d}$=168.61 τ=2.49 σ_{max}=169.36 (sfrut=0.05)
  Tensioni: σ_N=0.75 $\sigma_{m,d}$=59.10 τ=14.92 τ_{max}=14.92 (sfrut=0.01)
  Tensioni: σ_N=0.75 $\sigma_{m,d}$=168.61 τ=2.49 $\sigma_{ID,max}$=169.42 (sfrut=0.05)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=1.34 - Classe 1
  Sollecitazioni: T_z=-1801.66
  V,Ed=-1801.66 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.03

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 29 SLU Xl=0.00 - Classe 1
  Sollecitazioni: N=-212.25 T_z=-1717.94 M_y=-1514.58
  My,Ed=-1514.58 My,V,c,Rd=14964.90
  N,Ed=-212.25 Nc,Rd=-207726.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=14964.90 My,Ed/MNy,c,Rd=0.10

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 29 SLU - Classe 3
  Sollecitazioni: N,Ed=-212.25 My,Ed=-1514.58 Mz,Ed=0.00 L=1.34
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=17.02 Ncr,y=4395380.00 λ^*_y=0.22 Curva a: Φ_y=0.53 χ_y=0.99
  λ_z=17.02 Ncr,z=4395380.00 λ^*_z=0.22 Curva a: Φ_z=0.53 χ_z=0.99
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.11=0.11
  Verifica ZZ: 0.00+0.09=0.09

Asta n. 205 (-30 -31) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.88 - Classe 3
  Sollecitazioni: N=-455.13 T_z=-824.35 M_y=1220.94 T_y=104.15 M_z=102.46 M_x=4.40
  Tensioni: σ_N=-7.41 $\sigma_{m,d}$=-349.97 τ=0.75 σ_{max}=-357.38 (sfrut=0.11)
  Tensioni: σ_N=-7.41 $\sigma_{m,d}$=-24.93 τ=30.90 τ_{max}=30.90 (sfrut=0.02)
  Tensioni: σ_N=-7.41 $\sigma_{m,d}$=-349.97 τ=0.75 $\sigma_{ID,max}$=357.38 (sfrut=0.11)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.88 - Classe 1
  Sollecitazioni: T_z=-2977.04
  V,Ed=-2977.04 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.05

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 29 SLU Xl=0.88 - Classe 1
  Sollecitazioni: N=-212.25 T_z=-2977.04 M_y=3436.64
  My,Ed=3436.64 My,V,c,Rd=14964.90
  N,Ed=-212.25 Nc,Rd=-207726.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=14964.90 My,Ed/MNy,c,Rd=0.23

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 29 SLU - Classe 3
  Sollecitazioni: N,Ed=-212.25 My,Ed=3436.64 Mz,Ed=0.00 L=0.88
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=11.24 Ncr,y=10074800.00 λ^*_y=0.15 Curva a: Φ_y=0.00 χ_y=1.00
  λ_z=11.24 Ncr,z=10074800.00 λ^*_z=0.15 Curva a: Φ_z=0.00 χ_z=1.00
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.26=0.26
  Verifica ZZ: 0.00+0.20=0.21

Asta n. 206 (-31 -32) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 5 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=-192.43 T_z=881.68 M_y=1264.09 T_y=-86.63 M_z=102.33 M_x=9.58
  Tensioni: σ_N=-3.13 $\sigma_{m,d}$=-361.35 τ=1.62 σ_{max}=-364.48 (sfrut=0.11)
  Tensioni: σ_N=-3.13 $\sigma_{m,d}$=24.90 τ=33.87 τ_{max}=33.87 (sfrut=0.02)
  Tensioni: σ_N=-3.13 $\sigma_{m,d}$=-361.35 τ=1.62 $\sigma_{ID,max}$=364.49 (sfrut=0.11)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=2559.94
  V,Ed=2559.94 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.04

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 29 SLU Xl=0.00 - Classe 1
  Sollecitazioni: N=192.51 T_z=2559.94 M_y=2542.05
  My,Ed=2542.05 My,V,c,Rd=14964.90
  N,Ed=192.51 Nc,Rd=207726.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=14964.90 My,Ed/MNy,c,Rd=0.17

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 29 SLU - Classe 3
  Sollecitazioni: My,Ed=2542.05 Mz,Ed=0.00 L=0.45
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=5.78 Ncr,y=38136200.00 λ^*_y=0.08 Curva a: Φ_y=0.00 χ_y=1.00
  λ_z=5.78 Ncr,z=38136200.00 λ^*_z=0.08 Curva a: Φ_z=0.00 χ_z=1.00
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.19=0.19
  Verifica ZZ: 0.00+0.15=0.15

Asta n. 206 (-32 -33) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 7 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=-58.97 T_z=643.77 M_y=869.38 T_y=46.59 M_z=-63.06 M_x=-9.57
  Tensioni: σ_N=-0.96 $\sigma_{m,d}$=-246.58 τ=1.62 σ_{max}=-247.54 (sfrut=0.07)
  Tensioni: σ_N=-0.96 $\sigma_{m,d}$=15.34 τ=25.17 τ_{max}=25.17 (sfrut=0.01)
  Tensioni: σ_N=-0.96 $\sigma_{m,d}$=-246.58 τ=1.62 $\sigma_{ID,max}$=247.56 (sfrut=0.07)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=1411.44
  V,Ed=1411.44 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.02

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 29 SLU Xl=0.00 - Classe 1
  Sollecitazioni: N=192.51 T_z=1411.44 M_y=1388.07
  My,Ed=1388.07 My,V,c,Rd=14964.90
  N,Ed=192.51 Nc,Rd=207726.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=14964.90 My,Ed/MNy,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 29 SLU - Classe 3
  Sollecitazioni: My,Ed=1388.07 Mz,Ed=0.00 L=1.34
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=17.02 Ncr,y=4395360.00 λ^*_y=0.22 Curva a: Φ_y=0.53 χ_y=0.99
  λ_z=17.02 Ncr,z=4395360.00 λ^*_z=0.22 Curva a: Φ_z=0.53 χ_z=0.99
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.10=0.10
  Verifica ZZ: 0.00+0.08=0.08

Asta n. 206 (-33 -34) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 5 SND Xl=1.34 - Classe 3
  Sollecitazioni: N=85.44 T_z=298.92 M_y=-389.46 T_y=-3.27 M_z=-3.53 M_x=9.57
  Tensioni: σ_N=1.39 $\sigma_{m,d}$=103.93 τ=1.62 σ_{max}=105.32 (sfrut=0.03)
  Tensioni: σ_N=1.39 $\sigma_{m,d}$=-0.86 τ=12.56 τ_{max}=12.56 (sfrut=0.01)
  Tensioni: σ_N=1.39 $\sigma_{m,d}$=103.93 τ=1.62 $\sigma_{ID,max}$=105.36 (sfrut=0.03)

- Verifica a taglio e torsione Dir. Y [4.2.25] - CC 5 SND Xl=0.00 - Classe 1
  Sollecitazioni: T_y=-3.27 M_x=9.57
  V,Ed=-3.27 Vc,Rd,Red=59917.10 V,Ed/Vc,Rd,Red=0.00

- Verifica a taglio e torsione Dir. Z [4.2.25] - CC 5 SND Xl=0.00 - Classe 1
  Sollecitazioni: T_z=363.32 M_x=9.57
  V,Ed=363.32 Vc,Rd,Red=59917.10 V,Ed/Vc,Rd,Red=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 29 SLU Xl=1.34 - Classe 1
  Sollecitazioni: N=192.51 T_z=123.91 M_y=-662.23
  My,Ed=-662.23 My,V,c,Rd=14964.90
  N,Ed=192.51 Nc,Rd=207726.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=14964.90 My,Ed/MNy,c,Rd=0.04

Asta n. 206 (-34 -35) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.34 - Classe 3
  Sollecitazioni: N=-110.39 T_z=-581.39 M_y=851.21 T_y=40.06 M_z=49.96 M_x=9.57
  Tensioni: σ_N=-1.80 $\sigma_{m,d}$=-238.31 τ=1.62 σ_{max}=-240.11 (sfrut=0.07)
  Tensioni: σ_N=-1.80 $\sigma_{m,d}$=-12.16 τ=22.89 τ_{max}=22.89 (sfrut=0.01)
  Tensioni: σ_N=-1.80 $\sigma_{m,d}$=-238.31 τ=1.62 $\sigma_{ID,max}$=240.13 (sfrut=0.07)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=1.34 - Classe 1
  Sollecitazioni: T_z=-1079.89
  V,Ed=-1079.89 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.02

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 29 SLU Xl=1.34 - Classe 1
  Sollecitazioni: N=192.51 T_z=-1079.89 M_y=723.89
  My,Ed=723.89 My,V,c,Rd=14964.90
  N,Ed=192.51 Nc,Rd=207726.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=14964.90 My,Ed/MNy,c,Rd=0.05

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
  Sollecitazioni: N,Ed=-110.39 My,Ed=851.21 Mz,Ed=49.96 L=1.34
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=17.02 Ncr,y=4395360.00 λ^*_y=0.22 Curva a: Φ_y=0.53 χ_y=0.99
  λ_z=17.02 Ncr,z=4395360.00 λ^*_z=0.22 Curva a: Φ_z=0.53 χ_z=0.99
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.06+0.00=0.07
  Verifica ZZ: 0.00+0.05+0.00=0.05

Asta n. 206 (-35 -36) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.54 - Classe 3
  Sollecitazioni: N=-244.94 T_z=-823.50 M_y=1289.38 T_y=80.42 M_z=93.44 M_x=9.57
  Tensioni: σ_N=-3.99 $\sigma_{m,d}$=-365.69 τ=1.62 σ_{max}=-369.67 (sfrut=0.11)
  Tensioni: σ_N=-3.99 $\sigma_{m,d}$=-22.73 τ=31.75 τ_{max}=31.75 (sfrut=0.02)
  Tensioni: σ_N=-3.99 $\sigma_{m,d}$=-365.69 τ=1.62 $\sigma_{ID,max}$=369.69 (sfrut=0.11)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.54 - Classe 1
  Sollecitazioni: T_z=-2233.86

V,Ed=-2233.86 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.04

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 29 SLU Xl=0.54 - Classe 1
  Sollecitazioni: N=192.51 T_z=-2233.86 M_y=1922.46
  My,Ed=1922.46 My,V,c,Rd=14964.90
  N,Ed=192.51 Nc,Rd=207726.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=14964.90 My,Ed/MNy,c,Rd=0.13

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
  Sollecitazioni: N,Ed=-244.94 My,Ed=1289.38 Mz,Ed=93.44 L=0.54
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=6.89 Ncr,y=26811000.00 λ^*_y=0.09 Curva a: Φ_y=0.00 χ_y=1.00
  λ_z=6.89 Ncr,z=26811000.00 λ^*_z=0.09 Curva a: Φ_z=0.00 χ_z=1.00
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.10+0.01=0.10
  Verifica ZZ: 0.00+0.08+0.01=0.08

Asta n. 206 (-36 -37) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 9 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=69.78 T_z=470.88 M_y=605.09 T_y=-232.61 M_z=311.59
  Tensioni: σ_N=1.14 $\sigma_{m,d}$=242.41 τ=0.00 σ_{max}=243.55 (sfrut=0.07)
  Tensioni: σ_N=1.14 $\sigma_{m,d}$=75.81 τ=17.23 τ_{max}=17.23 (sfrut=0.01)
  Tensioni: σ_N=1.14 $\sigma_{m,d}$=242.41 τ=0.00 $\sigma_{ID,max}$=243.55 (sfrut=0.07)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=1870.97
  V,Ed=1870.97 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.03

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=1870.97 M_y=2347.31
  My,Ed=2347.31 My,V,c,Rd=14964.90 My,Ed/My,V,c,Rd=0.16

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 15 SND - Classe 3
  Sollecitazioni: N,Ed=-69.78 My,Ed=605.09 Mz,Ed=-311.59 L=0.79
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=10.13 Ncr,y=12411000.00 λ^*_y=0.13 Curva a: Φ_y=0.00 χ_y=1.00
  λ_z=10.13 Ncr,z=12411000.00 λ^*_z=0.13 Curva a: Φ_z=0.00 χ_z=1.00
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.04+0.02=0.07
  Verifica ZZ: 0.00+0.04+0.02=0.06

Asta n. 206 (-37 -38) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 9 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=28.47 T_z=216.51 M_y=246.11 T_y=-94.91 M_z=126.73
  Tensioni: σ_N=0.46 $\sigma_{m,d}$=98.60 τ=0.00 σ_{max}=99.06 (sfrut=0.03)
  Tensioni: σ_N=0.46 $\sigma_{m,d}$=30.83 τ=7.92 τ_{max}=7.92 (sfrut=0.00)
  Tensioni: σ_N=0.46 $\sigma_{m,d}$=98.60 τ=0.00 $\sigma_{ID,max}$=99.06 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=701.07
  V,Ed=701.07 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=701.07 M_y=880.24
  My,Ed=880.24 My,V,c,Rd=14964.90 My,Ed/My,V,c,Rd=0.06

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 11 SND - Classe 3
  Sollecitazioni: N,Ed=-28.47 My,Ed=246.11 Mz,Ed=126.73 L=1.34
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=17.02 Ncr,y=4395390.00 λ^*_y=0.22 Curva a: Φ_y=0.53 χ_y=0.99
  λ_z=17.02 Ncr,z=4395390.00 λ^*_z=0.22 Curva a: Φ_z=0.53 χ_z=0.99
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.02+0.01=0.03
  Verifica ZZ: 0.00+0.01+0.01=0.02

Asta n. 301 (-3 -60) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=-6.80 T_z=76.05 M_y=65.99 T_y=-22.66 M_z=33.98
  Tensioni: σ_N=-0.18 $\sigma_{m,d}$=-72.76 τ=0.00 σ_{max}=-72.94 (sfrut=0.02)
  Tensioni: σ_N=-0.18 $\sigma_{m,d}$=24.27 τ=3.91 τ_{max}=3.91 (sfrut=0.00)
  Tensioni: σ_N=-0.18 $\sigma_{m,d}$=-72.76 τ=0.00 $\sigma_{ID,max}$=72.94 (sfrut=0.02)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=308.68
  V,Ed=308.68 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=308.68 M_y=301.91
  My,Ed=301.91 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.05

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
  Sollecitazioni: N,Ed=-6.80 My,Ed=65.99 Mz,Ed=33.98 L=1.50
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
  λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.01+0.01=0.02
  Verifica ZZ: 0.00+0.01+0.01=0.02

Asta n. 301 (-59 -3) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
  Sollecitazioni: N=6.80 T_z=-76.05 M_y=65.99 T_y=22.66 M_z=33.98
  Tensioni: σ_N=0.18 $\sigma_{m,d}$=72.76 τ=0.00 σ_{max}=72.94 (sfrut=0.02)
  Tensioni: σ_N=0.18 $\sigma_{m,d}$=24.27 τ=3.91 τ_{max}=3.91 (sfrut=0.00)
  Tensioni: σ_N=0.18 $\sigma_{m,d}$=72.76 τ=0.00 $\sigma_{ID,max}$=72.94 (sfrut=0.02)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=1.50 - Classe 1
  Sollecitazioni: T_z=-308.68

V,Ed=-308.68 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=1.50 - Classe 1
  Sollecitazioni: T_z=-308.68 M_y=301.91
  My,Ed=301.91 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.05

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 3 SND - Classe 3
  Sollecitazioni: N,Ed=-6.80 My,Ed=65.99 Mz,Ed=33.98 L=1.50
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
  λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.01+0.01=0.02
  Verifica ZZ: 0.00+0.01+0.01=0.02

Asta n. 302 (-4 -47) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=-10.19 T_z=108.02 M_y=98.92 T_y=-33.96 M_z=50.94
  Tensioni: σ_N=-0.27 $\sigma_{m,d}$=-109.06 τ=0.00 σ_{max}=-109.34 (sfrut=0.03)
  Tensioni: σ_N=-0.27 $\sigma_{m,d}$=36.38 τ=5.55 τ_{max}=5.55 (sfrut=0.00)
  Tensioni: σ_N=-0.27 $\sigma_{m,d}$=-109.06 τ=0.00 $\sigma_{ID,max}$=109.34 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=560.04
  V,Ed=560.04 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=560.04 M_y=560.83
  My,Ed=560.83 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
  Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=1.50
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
  λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.02+0.01=0.03
  Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 302 (-46 -4) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
  Sollecitazioni: N=10.19 T_z=-108.02 M_y=98.92 T_y=33.96 M_z=50.94
  Tensioni: σ_N=0.27 $\sigma_{m,d}$=109.06 τ=0.00 σ_{max}=109.34 (sfrut=0.03)
  Tensioni: σ_N=0.27 $\sigma_{m,d}$=36.38 τ=5.55 τ_{max}=5.55 (sfrut=0.00)
  Tensioni: σ_N=0.27 $\sigma_{m,d}$=109.06 τ=0.00 $\sigma_{ID,max}$=109.34 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=1.50 - Classe 1
  Sollecitazioni: T_z=-560.04
  V,Ed=-560.04 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=1.50 - Classe 1
  Sollecitazioni: T_z=-560.04 M_y=560.83
  My,Ed=560.83 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 3 SND - Classe 3
  Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=1.50
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
  λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.02+0.01=0.03
  Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 303 (-6 -48) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=-10.19 T_z=108.02 M_y=98.92 T_y=-33.96 M_z=50.94
  Tensioni: σ_N=-0.27 $\sigma_{m,d}$=-109.06 τ=0.00 σ_{max}=-109.34 (sfrut=0.03)
  Tensioni: σ_N=-0.27 $\sigma_{m,d}$=36.38 τ=5.55 τ_{max}=5.55 (sfrut=0.00)
  Tensioni: σ_N=-0.27 $\sigma_{m,d}$=-109.06 τ=0.00 $\sigma_{ID,max}$=109.34 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=560.04
  V,Ed=560.04 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=560.04 M_y=560.83
  My,Ed=560.83 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
  Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=1.50
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
  λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.02+0.01=0.03
  Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 303 (-49 -6) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
  Sollecitazioni: N=10.19 T_z=-108.02 M_y=98.92 T_y=33.96 M_z=50.94
  Tensioni: σ_N=0.27 $\sigma_{m,d}$=109.06 τ=0.00 σ_{max}=109.34 (sfrut=0.03)
  Tensioni: σ_N=0.27 $\sigma_{m,d}$=36.38 τ=5.55 τ_{max}=5.55 (sfrut=0.00)
  Tensioni: σ_N=0.27 $\sigma_{m,d}$=109.06 τ=0.00 $\sigma_{ID,max}$=109.34 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=1.50 - Classe 1
  Sollecitazioni: T_z=-560.04
  V,Ed=-560.04 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=1.50 - Classe 1
  Sollecitazioni: T_z=-560.04 M_y=560.83
  My,Ed=560.83 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 3 SND - Classe 3
  Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=1.50
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
  λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.02+0.01=0.03
  Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 304 (-7 -96) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=-10.19 T_z=108.02 M_y=98.92 T_y=-33.96 M_z=50.94
  Tensioni: σ_N=-0.27 $\sigma_{m,d}$=-109.06 τ=0.00 σ_{max}=-109.34 (sfrut=0.03)
  Tensioni: σ_N=-0.27 $\sigma_{m,d}$=36.38 τ=5.55 τ_{max}=5.55 (sfrut=0.00)
  Tensioni: σ_N=-0.27 $\sigma_{m,d}$=-109.06 τ=0.00 $\sigma_{ID,max}$=109.34 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=560.04
  V,Ed=560.04 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=560.04 M_y=560.83
  My,Ed=560.83 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
  Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=1.50
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
  λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.02+0.01=0.03
  Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 304 (-95 -7) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
  Sollecitazioni: N=10.19 T_z=-108.02 M_y=98.92 T_y=33.96 M_z=50.94
  Tensioni: σ_N=0.27 $\sigma_{m,d}$=109.06 τ=0.00 σ_{max}=109.34 (sfrut=0.03)
  Tensioni: σ_N=0.27 $\sigma_{m,d}$=36.38 τ=5.55 τ_{max}=5.55 (sfrut=0.00)
  Tensioni: σ_N=0.27 $\sigma_{m,d}$=109.06 τ=0.00 $\sigma_{ID,max}$=109.34 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=1.50 - Classe 1
  Sollecitazioni: T_z=-560.04
  V,Ed=-560.04 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=1.50 - Classe 1
  Sollecitazioni: T_z=-560.04 M_y=560.83
  My,Ed=560.83 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 3 SND - Classe 3
  Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=1.50
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
  λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.02+0.01=0.03
  Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 305 (-8 -66) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=-10.19 T_z=108.02 M_y=98.92 T_y=-33.96 M_z=50.94
  Tensioni: σ_N=-0.27 $\sigma_{m,d}$=-109.06 τ=0.00 σ_{max}=-109.34 (sfrut=0.03)
  Tensioni: σ_N=-0.27 $\sigma_{m,d}$=36.38 τ=5.55 τ_{max}=5.55 (sfrut=0.00)
  Tensioni: σ_N=-0.27 $\sigma_{m,d}$=-109.06 τ=0.00 $\sigma_{ID,max}$=109.34 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=560.04
  V,Ed=560.04 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=560.04 M_y=560.83
  My,Ed=560.83 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
  Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=1.50
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
  λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.02+0.01=0.03
  Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 305 (-67 -8) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
  Sollecitazioni: N=10.19 T_z=-108.02 M_y=98.92 T_y=33.96 M_z=50.94
  Tensioni: σ_N=0.27 $\sigma_{m,d}$=109.06 τ=0.00 σ_{max}=109.34 (sfrut=0.03)
  Tensioni: σ_N=0.27 $\sigma_{m,d}$=36.38 τ=5.55 τ_{max}=5.55 (sfrut=0.00)
  Tensioni: σ_N=0.27 $\sigma_{m,d}$=109.06 τ=0.00 $\sigma_{ID,max}$=109.34 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=1.50 - Classe 1
  Sollecitazioni: T_z=-560.04
  V,Ed=-560.04 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=1.50 - Classe 1
  Sollecitazioni: T_z=-560.04 M_y=560.83
  My,Ed=560.83 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 3 SND - Classe 3
  Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=1.50
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
  λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.02+0.01=0.03
  Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 306 (-9 -69) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=-10.19 T_z=108.02 M_y=98.92 T_y=-33.96 M_z=50.94
  Tensioni: σ_N=-0.27 $\sigma_{m,d}$=-109.06 τ=0.00 σ_{max}=-109.34 (sfrut=0.03)
  Tensioni: σ_N=-0.27 $\sigma_{m,d}$=36.38 τ=5.55 τ_{max}=5.55 (sfrut=0.00)
  Tensioni: σ_N=-0.27 $\sigma_{m,d}$=-109.06 τ=0.00 $\sigma_{ID,max}$=109.34 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=560.04
  V,Ed=560.04 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=560.04 M_y=560.83
  My,Ed=560.83 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
  Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=1.50
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
  λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.02+0.01=0.03
  Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 306 (-68 -9) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
  Sollecitazioni: N=10.19 T_z=-108.02 M_y=98.92 T_y=33.96 M_z=50.94
  Tensioni: σ_N=0.27 $\sigma_{m,d}$=109.06 τ=0.00 σ_{max}=109.34 (sfrut=0.03)
  Tensioni: σ_N=0.27 $\sigma_{m,d}$=36.38 τ=5.55 τ_{max}=5.55 (sfrut=0.00)
  Tensioni: σ_N=0.27 $\sigma_{m,d}$=109.06 τ=0.00 $\sigma_{ID,max}$=109.34 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=1.50 - Classe 1
  Sollecitazioni: T_z=-560.04
  V,Ed=-560.04 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=1.50 - Classe 1
  Sollecitazioni: T_z=-560.04 M_y=560.83
  My,Ed=560.83 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 3 SND - Classe 3
  Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=1.50
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
  λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.02+0.01=0.03
  Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 307 (-11 -70) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=-10.19 T_z=108.02 M_y=98.92 T_y=-33.96 M_z=50.94
  Tensioni: σ_N=-0.27 $\sigma_{m,d}$=-109.06 τ=0.00 σ_{max}=-109.34 (sfrut=0.03)
  Tensioni: σ_N=-0.27 $\sigma_{m,d}$=36.38 τ=5.55 τ_{max}=5.55 (sfrut=0.00)
  Tensioni: σ_N=-0.27 $\sigma_{m,d}$=-109.06 τ=0.00 $\sigma_{ID,max}$=109.34 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=560.04
  V,Ed=560.04 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=560.04 M_y=560.83
  My,Ed=560.83 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
  Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=1.50
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
  λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.02+0.01=0.03
  Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 307 (-71 -11) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
  Sollecitazioni: N=10.19 T_z=-108.02 M_y=98.92 T_y=33.96 M_z=50.94
  Tensioni: σ_N=0.27 $\sigma_{m,d}$=109.06 τ=0.00 σ_{max}=109.34 (sfrut=0.03)
  Tensioni: σ_N=0.27 $\sigma_{m,d}$=36.38 τ=5.55 τ_{max}=5.55 (sfrut=0.00)
  Tensioni: σ_N=0.27 $\sigma_{m,d}$=109.06 τ=0.00 $\sigma_{ID,max}$=109.34 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=1.50 - Classe 1
  Sollecitazioni: T_z=-560.04
  V,Ed=-560.04 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=1.50 - Classe 1

Sollecitazioni: T_z=-560.04 M_y=560.83
My,Ed=560.83 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 3 SND - Classe 3
Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 308 (-12 -72) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
Sollecitazioni: N=-10.19 T_z=108.02 M_y=98.92 T_y=-33.96 M_z=50.94
Tensioni: σ_N=-0.27 $\sigma_{m,d}$=-109.06 τ=0.00 σ_{max}=-109.34 (sfrut=0.03)
Tensioni: σ_N=-0.27 $\sigma_{m,d}$=36.38 τ=5.55 τ_{max}=5.55 (sfrut=0.00)
Tensioni: σ_N=-0.27 $\sigma_{m,d}$=-109.06 τ=0.00 $\sigma_{ID,max}$=109.34 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=560.04
V,Ed=560.04 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=560.04 M_y=560.83
My,Ed=560.83 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 308 (-73 -12) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
Sollecitazioni: N=10.19 T_z=-108.02 M_y=98.92 T_y=33.96 M_z=50.94
Tensioni: σ_N=0.27 $\sigma_{m,d}$=109.06 τ=0.00 σ_{max}=109.34 (sfrut=0.03)
Tensioni: σ_N=0.27 $\sigma_{m,d}$=36.38 τ=5.55 τ_{max}=5.55 (sfrut=0.00)
Tensioni: σ_N=0.27 $\sigma_{m,d}$=109.06 τ=0.00 $\sigma_{ID,max}$=109.34 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-560.04
V,Ed=-560.04 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-560.04 M_y=560.83
My,Ed=560.83 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 3 SND - Classe 3
Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 309 (-13 -74) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
Sollecitazioni: N=-10.19 T_z=108.02 M_y=98.92 T_y=-33.96 M_z=50.94
Tensioni: σ_N=-0.27 $\sigma_{m,d}$=-109.06 τ=0.00 σ_{max}=-109.34 (sfrut=0.03)
Tensioni: σ_N=-0.27 $\sigma_{m,d}$=36.38 τ=5.55 τ_{max}=5.55 (sfrut=0.00)
Tensioni: σ_N=-0.27 $\sigma_{m,d}$=-109.06 τ=0.00 $\sigma_{ID,max}$=109.34 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=560.04
V,Ed=560.04 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=560.04 M_y=560.83
My,Ed=560.83 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 309 (-75 -13) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
Sollecitazioni: N=10.19 T_z=-108.02 M_y=98.92 T_y=33.96 M_z=50.94
Tensioni: σ_N=0.27 $\sigma_{m,d}$=109.06 τ=0.00 σ_{max}=109.34 (sfrut=0.03)
Tensioni: σ_N=0.27 $\sigma_{m,d}$=36.38 τ=5.55 τ_{max}=5.55 (sfrut=0.00)
Tensioni: σ_N=0.27 $\sigma_{m,d}$=109.06 τ=0.00 $\sigma_{ID,max}$=109.34 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-560.04
V,Ed=-560.04 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-560.04 M_y=560.83

My,Ed=560.83 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 3 SND - Classe 3
  Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=1.50
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
  λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.02+0.01=0.03
  Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 310 (-14 -90) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=-10.19 T_z=108.02 M_y=98.92 T_y=-33.96 M_z=50.94
  Tensioni: σ_N=-0.27 $\sigma_{m,d}$=-109.06 τ=0.00 σ_{max}=-109.34 (sfrut=0.03)
  Tensioni: σ_N=-0.27 $\sigma_{m,d}$=36.38 τ=5.55 τ_{max}=5.55 (sfrut=0.00)
  Tensioni: σ_N=-0.27 $\sigma_{m,d}$=-109.06 τ=0.00 $\sigma_{ID,max}$=109.34 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=560.04
  V,Ed=560.04 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=560.04 M_y=560.83
  My,Ed=560.83 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
  Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=1.50
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
  λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.02+0.01=0.03
  Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 310 (-91 -14) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
  Sollecitazioni: N=10.19 T_z=-108.02 M_y=98.92 T_y=33.96 M_z=50.94
  Tensioni: σ_N=0.27 $\sigma_{m,d}$=109.06 τ=0.00 σ_{max}=109.34 (sfrut=0.03)
  Tensioni: σ_N=0.27 $\sigma_{m,d}$=36.38 τ=5.55 τ_{max}=5.55 (sfrut=0.00)
  Tensioni: σ_N=0.27 $\sigma_{m,d}$=109.06 τ=0.00 $\sigma_{ID,max}$=109.34 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=1.50 - Classe 1
  Sollecitazioni: T_z=-560.04
  V,Ed=-560.04 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=1.50 - Classe 1
  Sollecitazioni: T_z=-560.04 M_y=560.83
  My,Ed=560.83 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 3 SND - Classe 3
  Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=1.50
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
  λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.02+0.01=0.03
  Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 311 (-15 -92) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=-10.19 T_z=108.02 M_y=98.92 T_y=-33.96 M_z=50.94
  Tensioni: σ_N=-0.27 $\sigma_{m,d}$=-109.06 τ=0.00 σ_{max}=-109.34 (sfrut=0.03)
  Tensioni: σ_N=-0.27 $\sigma_{m,d}$=36.38 τ=5.55 τ_{max}=5.55 (sfrut=0.00)
  Tensioni: σ_N=-0.27 $\sigma_{m,d}$=-109.06 τ=0.00 $\sigma_{ID,max}$=109.34 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=560.04
  V,Ed=560.04 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=560.04 M_y=560.83
  My,Ed=560.83 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
  Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=1.50
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
  λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.02+0.01=0.03
  Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 311 (-93 -15) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
  Sollecitazioni: N=10.19 T_z=-108.02 M_y=98.92 T_y=33.96 M_z=50.94
  Tensioni: σ_N=0.27 $\sigma_{m,d}$=109.06 τ=0.00 σ_{max}=109.34 (sfrut=0.03)
  Tensioni: σ_N=0.27 $\sigma_{m,d}$=36.38 τ=5.55 τ_{max}=5.55 (sfrut=0.00)
  Tensioni: σ_N=0.27 $\sigma_{m,d}$=109.06 τ=0.00 $\sigma_{ID,max}$=109.34 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=1.50 - Classe 1
  Sollecitazioni: T_z=-560.04
  V,Ed=-560.04 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=1.50 - Classe 1
  Sollecitazioni: T_z=-560.04 M_y=560.83
  My,Ed=560.83 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 3 SND - Classe 3
  Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=1.50
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
  λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.02+0.01=0.03
  Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 312 (-16 -98) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=-10.19 T_z=108.02 M_y=98.92 T_y=-33.96 M_z=50.94
  Tensioni: σ_N=-0.27 $\sigma_{m,d}$=-109.06 τ=0.00 σ_{max}=-109.34 (sfrut=0.03)
  Tensioni: σ_N=-0.27 $\sigma_{m,d}$=36.38 τ=5.55 τ_{max}=5.55 (sfrut=0.00)
  Tensioni: σ_N=-0.27 $\sigma_{m,d}$=-109.06 τ=0.00 $\sigma_{ID,max}$=109.34 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=560.04
  V,Ed=560.04 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=560.04 M_y=560.83
  My,Ed=560.83 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
  Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=1.50
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
  λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.02+0.01=0.03
  Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 312 (-94 -16) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
  Sollecitazioni: N=10.19 T_z=-108.02 M_y=98.92 T_y=33.96 M_z=50.94
  Tensioni: σ_N=0.27 $\sigma_{m,d}$=109.06 τ=0.00 σ_{max}=109.34 (sfrut=0.03)
  Tensioni: σ_N=0.27 $\sigma_{m,d}$=36.38 τ=5.55 τ_{max}=5.55 (sfrut=0.00)
  Tensioni: σ_N=0.27 $\sigma_{m,d}$=109.06 τ=0.00 $\sigma_{ID,max}$=109.34 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=1.50 - Classe 1
  Sollecitazioni: T_z=-560.04
  V,Ed=-560.04 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=1.50 - Classe 1
  Sollecitazioni: T_z=-560.04 M_y=560.83
  My,Ed=560.83 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 3 SND - Classe 3
  Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=1.50
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
  λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.02+0.01=0.03
  Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 313 (-17 -97) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=-10.19 T_z=108.02 M_y=98.92 T_y=-33.96 M_z=50.94
  Tensioni: σ_N=-0.27 $\sigma_{m,d}$=-109.06 τ=0.00 σ_{max}=-109.34 (sfrut=0.03)
  Tensioni: σ_N=-0.27 $\sigma_{m,d}$=36.38 τ=5.55 τ_{max}=5.55 (sfrut=0.00)
  Tensioni: σ_N=-0.27 $\sigma_{m,d}$=-109.06 τ=0.00 $\sigma_{ID,max}$=109.34 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=560.04
  V,Ed=560.04 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=560.04 M_y=560.83
  My,Ed=560.83 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
  Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=1.50
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
  λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.02+0.01=0.03
  Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 313 (-42 -17) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
  Sollecitazioni: N=10.19 T_z=-108.02 M_y=98.92 T_y=33.96 M_z=50.94
  Tensioni: σ_N=0.27 $\sigma_{m,d}$=109.06 τ=0.00 σ_{max}=109.34 (sfrut=0.03)
  Tensioni: σ_N=0.27 $\sigma_{m,d}$=36.38 τ=5.55 τ_{max}=5.55 (sfrut=0.00)
  Tensioni: σ_N=0.27 $\sigma_{m,d}$=109.06 τ=0.00 $\sigma_{ID,max}$=109.34 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=1.50 - Classe 1
  Sollecitazioni: T_z=-560.04
  V,Ed=-560.04 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=1.50 - Classe 1
  Sollecitazioni: T_z=-560.04 M_y=560.83
  My,Ed=560.83 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 3 SND - Classe 3
  Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=1.50
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
  λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.02+0.01=0.03
  Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 314 (-18 -43) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=-10.19 T_z=108.02 M_y=98.92 T_y=-33.96 M_z=50.94
  Tensioni: σ_N=-0.27 $\sigma_{m,d}$=-109.06 τ=0.00 σ_{max}=-109.34 (sfrut=0.03)
  Tensioni: σ_N=-0.27 $\sigma_{m,d}$=36.38 τ=5.55 τ_{max}=5.55 (sfrut=0.00)
  Tensioni: σ_N=-0.27 $\sigma_{m,d}$=-109.06 τ=0.00 $\sigma_{ID,max}$=109.34 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=560.04
  V,Ed=560.04 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=560.04 M_y=560.83
  My,Ed=560.83 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
  Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=1.50
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
  λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.02+0.01=0.03
  Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 314 (-44 -18) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
  Sollecitazioni: N=10.19 T_z=-108.02 M_y=98.92 T_y=33.96 M_z=50.94
  Tensioni: σ_N=0.27 $\sigma_{m,d}$=109.06 τ=0.00 σ_{max}=109.34 (sfrut=0.03)
  Tensioni: σ_N=0.27 $\sigma_{m,d}$=36.38 τ=5.55 τ_{max}=5.55 (sfrut=0.00)
  Tensioni: σ_N=0.27 $\sigma_{m,d}$=109.06 τ=0.00 $\sigma_{ID,max}$=109.34 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=1.50 - Classe 1
  Sollecitazioni: T_z=-560.04
  V,Ed=-560.04 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=1.50 - Classe 1
  Sollecitazioni: T_z=-560.04 M_y=560.83
  My,Ed=560.83 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 3 SND - Classe 3
  Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=1.50
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
  λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.02+0.01=0.03
  Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 315 (-19 -45) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=-10.19 T_z=108.02 M_y=98.92 T_y=-33.96 M_z=50.94
  Tensioni: σ_N=-0.27 $\sigma_{m,d}$=-109.06 τ=0.00 σ_{max}=-109.34 (sfrut=0.03)
  Tensioni: σ_N=-0.27 $\sigma_{m,d}$=36.38 τ=5.55 τ_{max}=5.55 (sfrut=0.00)
  Tensioni: σ_N=-0.27 $\sigma_{m,d}$=-109.06 τ=0.00 $\sigma_{ID,max}$=109.34 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=560.04
  V,Ed=560.04 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=560.04 M_y=560.83
  My,Ed=560.83 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
  Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=1.50
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
  λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.02+0.01=0.03
  Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 315 (-58 -19) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
  Sollecitazioni: N=10.19 T_z=-108.02 M_y=98.92 T_y=33.96 M_z=50.94
  Tensioni: σ_N=0.27 $\sigma_{m,d}$=109.06 τ=0.00 σ_{max}=109.34 (sfrut=0.03)
  Tensioni: σ_N=0.27 $\sigma_{m,d}$=36.38 τ=5.55 τ_{max}=5.55 (sfrut=0.00)
  Tensioni: σ_N=0.27 $\sigma_{m,d}$=109.06 τ=0.00 $\sigma_{ID,max}$=109.34 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=1.50 - Classe 1
  Sollecitazioni: T_z=-560.04
  V,Ed=-560.04 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=1.50 - Classe 1
  Sollecitazioni: T_z=-560.04 M_y=560.83
  My,Ed=560.83 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 3 SND - Classe 3

Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 316 (-20 -63) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
Sollecitazioni: N=-6.80 T_z=76.05 M_y=65.99 T_y=-22.66 M_z=33.98
Tensioni: σ_N=-0.18 $\sigma_{m,d}$=-72.76 τ=0.00 σ_{max}=-72.94 (sfrut=0.02)
Tensioni: σ_N=-0.18 $\sigma_{m,d}$=24.27 τ=3.91 τ_{max}=3.91 (sfrut=0.00)
Tensioni: σ_N=-0.18 $\sigma_{m,d}$=-72.76 τ=0.00 $\sigma_{ID,max}$=72.94 (sfrut=0.02)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=308.68
V,Ed=308.68 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=308.68 M_y=301.91
My,Ed=301.91 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.05

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
Sollecitazioni: N,Ed=-6.80 My,Ed=65.99 Mz,Ed=33.98 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.01+0.01=0.02
Verifica ZZ: 0.00+0.01+0.01=0.02

Asta n. 316 (-65 -20) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
Sollecitazioni: N=6.80 T_z=-76.05 M_y=65.99 T_y=22.66 M_z=33.98
Tensioni: σ_N=0.18 $\sigma_{m,d}$=72.76 τ=0.00 σ_{max}=72.94 (sfrut=0.02)
Tensioni: σ_N=0.18 $\sigma_{m,d}$=24.27 τ=3.91 τ_{max}=3.91 (sfrut=0.00)
Tensioni: σ_N=0.18 $\sigma_{m,d}$=72.76 τ=0.00 $\sigma_{ID,max}$=72.94 (sfrut=0.02)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-308.68
V,Ed=-308.68 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-308.68 M_y=301.91
My,Ed=301.91 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.05

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 3 SND - Classe 3
Sollecitazioni: N,Ed=-6.80 My,Ed=65.99 Mz,Ed=33.98 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.01+0.01=0.02
Verifica ZZ: 0.00+0.01+0.01=0.02

Asta n. 317 (-21 -51) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
Sollecitazioni: N=-6.80 T_z=76.05 M_y=65.99 T_y=-22.66 M_z=33.98
Tensioni: σ_N=-0.18 $\sigma_{m,d}$=-72.76 τ=0.00 σ_{max}=-72.94 (sfrut=0.02)
Tensioni: σ_N=-0.18 $\sigma_{m,d}$=24.27 τ=3.91 τ_{max}=3.91 (sfrut=0.00)
Tensioni: σ_N=-0.18 $\sigma_{m,d}$=-72.76 τ=0.00 $\sigma_{ID,max}$=72.94 (sfrut=0.02)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=308.68
V,Ed=308.68 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=308.68 M_y=301.91
My,Ed=301.91 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.05

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
Sollecitazioni: N,Ed=-6.80 My,Ed=65.99 Mz,Ed=33.98 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.01+0.01=0.02
Verifica ZZ: 0.00+0.01+0.01=0.02

Asta n. 317 (-50 -21) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
Sollecitazioni: N=6.80 T_z=-76.05 M_y=65.99 T_y=22.66 M_z=33.98
Tensioni: σ_N=0.18 $\sigma_{m,d}$=72.76 τ=0.00 σ_{max}=72.94 (sfrut=0.02)
Tensioni: σ_N=0.18 $\sigma_{m,d}$=24.27 τ=3.91 τ_{max}=3.91 (sfrut=0.00)
Tensioni: σ_N=0.18 $\sigma_{m,d}$=72.76 τ=0.00 $\sigma_{ID,max}$=72.94 (sfrut=0.02)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-308.68
V,Ed=-308.68 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-308.68 M_y=301.91
My,Ed=301.91 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.05

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 3 SND - Classe 3
Sollecitazioni: N,Ed=-6.80 My,Ed=65.99 Mz,Ed=33.98 L=1.50

αmy, αmz, αLT=0.95, 0.95, 0.95
λy=27.33 Ncr,y=1039280.00 λ*y=0.36 Curva a: Φy=0.58 χy=0.96
λz=37.85 Ncr,z=541779.00 λ*z=0.50 Curva a: Φz=0.65 χz=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.01+0.01=0.02
Verifica ZZ: 0.00+0.01+0.01=0.02

Asta n. 318 (-22 -53) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
Sollecitazioni: N=-10.19 Tz=108.02 My=98.92 Ty=-33.96 Mz=50.94
Tensioni: σN=-0.27 σm,d=-109.06 τ=0.00 σmax=-109.34 (sfrut=0.03)
Tensioni: σN=-0.27 σm,d=36.38 τ=5.55 τmax=5.55 (sfrut=0.00)
Tensioni: σN=-0.27 σm,d=-109.06 τ=0.00 σID,max=109.34 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: Tz=560.04
V,Ed=560.04 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: Tz=560.04 My=560.83
My,Ed=560.83 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λy=27.33 Ncr,y=1039280.00 λ*y=0.36 Curva a: Φy=0.58 χy=0.96
λz=37.85 Ncr,z=541779.00 λ*z=0.50 Curva a: Φz=0.65 χz=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 318 (-52 -22) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
Sollecitazioni: N=10.19 Tz=-108.02 My=98.92 Ty=33.96 Mz=50.94
Tensioni: σN=0.27 σm,d=109.06 τ=0.00 σmax=109.34 (sfrut=0.03)
Tensioni: σN=0.27 σm,d=36.38 τ=5.55 τmax=5.55 (sfrut=0.00)
Tensioni: σN=0.27 σm,d=109.06 τ=0.00 σID,max=109.34 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=1.50 - Classe 1
Sollecitazioni: Tz=-560.04
V,Ed=-560.04 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=1.50 - Classe 1
Sollecitazioni: Tz=-560.04 My=560.83
My,Ed=560.83 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 3 SND - Classe 3
Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λy=27.33 Ncr,y=1039280.00 λ*y=0.36 Curva a: Φy=0.58 χy=0.96
λz=37.85 Ncr,z=541779.00 λ*z=0.50 Curva a: Φz=0.65 χz=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 319 (-23 -55) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
Sollecitazioni: N=-10.19 Tz=108.02 My=98.92 Ty=-33.96 Mz=50.94
Tensioni: σN=-0.27 σm,d=-109.06 τ=0.00 σmax=-109.34 (sfrut=0.03)
Tensioni: σN=-0.27 σm,d=36.38 τ=5.55 τmax=5.55 (sfrut=0.00)
Tensioni: σN=-0.27 σm,d=-109.06 τ=0.00 σID,max=109.34 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: Tz=560.04
V,Ed=560.04 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: Tz=560.04 My=560.83
My,Ed=560.83 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λy=27.33 Ncr,y=1039280.00 λ*y=0.36 Curva a: Φy=0.58 χy=0.96
λz=37.85 Ncr,z=541779.00 λ*z=0.50 Curva a: Φz=0.65 χz=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 319 (-54 -23) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
Sollecitazioni: N=10.19 Tz=-108.02 My=98.92 Ty=33.96 Mz=50.94
Tensioni: σN=0.27 σm,d=109.06 τ=0.00 σmax=109.34 (sfrut=0.03)
Tensioni: σN=0.27 σm,d=36.38 τ=5.55 τmax=5.55 (sfrut=0.00)
Tensioni: σN=0.27 σm,d=109.06 τ=0.00 σID,max=109.34 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=1.50 - Classe 1
Sollecitazioni: Tz=-560.04
V,Ed=-560.04 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=1.50 - Classe 1
Sollecitazioni: Tz=-560.04 My=560.83
My,Ed=560.83 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 3 SND - Classe 3
Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95

λ_Y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_Z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 320 (-24 -57) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
Sollecitazioni: N=-10.19 T_z=108.02 M_y=98.92 T_y=-33.96 M_z=50.94
Tensioni: σ_N=-0.27 $\sigma_{m,d}$=-109.06 τ=0.00 σ_{max}=-109.34 (sfrut=0.03)
Tensioni: σ_N=-0.27 $\sigma_{m,d}$=36.38 τ=5.55 τ_{max}=5.55 (sfrut=0.00)
Tensioni: σ_N=-0.27 $\sigma_{m,d}$=-109.06 τ=0.00 $\sigma_{ID,max}$=109.34 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=560.04
V,Ed=560.04 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=560.04 M_y=560.83
My,Ed=560.83 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_Y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_Z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 320 (-56 -24) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
Sollecitazioni: N=10.19 T_z=-108.02 M_y=98.92 T_y=33.96 M_z=50.94
Tensioni: σ_N=0.27 $\sigma_{m,d}$=109.06 τ=0.00 σ_{max}=109.34 (sfrut=0.03)
Tensioni: σ_N=0.27 $\sigma_{m,d}$=36.38 τ=5.55 τ_{max}=5.55 (sfrut=0.00)
Tensioni: σ_N=0.27 $\sigma_{m,d}$=109.06 τ=0.00 $\sigma_{ID,max}$=109.34 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-560.04
V,Ed=-560.04 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-560.04 M_y=560.83
My,Ed=560.83 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 3 SND - Classe 3
Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_Y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_Z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 322 (-25 -41) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
Sollecitazioni: N=-10.19 T_z=108.02 M_y=98.92 T_y=-33.96 M_z=50.94
Tensioni: σ_N=-0.27 $\sigma_{m,d}$=-109.06 τ=0.00 σ_{max}=-109.34 (sfrut=0.03)
Tensioni: σ_N=-0.27 $\sigma_{m,d}$=36.38 τ=5.55 τ_{max}=5.55 (sfrut=0.00)
Tensioni: σ_N=-0.27 $\sigma_{m,d}$=-109.06 τ=0.00 $\sigma_{ID,max}$=109.34 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=560.04
V,Ed=560.04 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=560.04 M_y=560.83
My,Ed=560.83 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_Y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_Z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 322 (-64 -25) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
Sollecitazioni: N=10.19 T_z=-108.02 M_y=98.92 T_y=33.96 M_z=50.94
Tensioni: σ_N=0.27 $\sigma_{m,d}$=109.06 τ=0.00 σ_{max}=109.34 (sfrut=0.03)
Tensioni: σ_N=0.27 $\sigma_{m,d}$=36.38 τ=5.55 τ_{max}=5.55 (sfrut=0.00)
Tensioni: σ_N=0.27 $\sigma_{m,d}$=109.06 τ=0.00 $\sigma_{ID,max}$=109.34 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-560.04
V,Ed=-560.04 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-560.04 M_y=560.83
My,Ed=560.83 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 3 SND - Classe 3
Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_Y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96

λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 323 (-26 -77) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
Sollecitazioni: N=-10.19 T_z=108.02 M_y=98.92 T_y=-33.96 M_z=50.94
Tensioni: σ_N=-0.27 $\sigma_{m,d}$=-109.06 τ=0.00 σ_{max}=-109.34 (sfrut=0.03)
Tensioni: σ_N=-0.27 $\sigma_{m,d}$=36.38 τ=5.55 τ_{max}=5.55 (sfrut=0.00)
Tensioni: σ_N=-0.27 $\sigma_{m,d}$=-109.06 τ=0.00 $\sigma_{ID,max}$=109.34 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=560.04
V,Ed=560.04 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=560.04 M_y=560.83
My,Ed=560.83 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 323 (-76 -26) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
Sollecitazioni: N=10.19 T_z=-108.02 M_y=98.92 T_y=33.96 M_z=50.94
Tensioni: σ_N=0.27 $\sigma_{m,d}$=109.06 τ=0.00 σ_{max}=109.34 (sfrut=0.03)
Tensioni: σ_N=0.27 $\sigma_{m,d}$=36.38 τ=5.55 τ_{max}=5.55 (sfrut=0.00)
Tensioni: σ_N=0.27 $\sigma_{m,d}$=109.06 τ=0.00 $\sigma_{ID,max}$=109.34 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-560.04
V,Ed=-560.04 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-560.04 M_y=560.83
My,Ed=560.83 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 3 SND - Classe 3
Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 324 (-27 -79) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
Sollecitazioni: N=-10.19 T_z=108.02 M_y=98.92 T_y=-33.96 M_z=50.94
Tensioni: σ_N=-0.27 $\sigma_{m,d}$=-109.06 τ=0.00 σ_{max}=-109.34 (sfrut=0.03)
Tensioni: σ_N=-0.27 $\sigma_{m,d}$=36.38 τ=5.55 τ_{max}=5.55 (sfrut=0.00)
Tensioni: σ_N=-0.27 $\sigma_{m,d}$=-109.06 τ=0.00 $\sigma_{ID,max}$=109.34 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=560.04
V,Ed=560.04 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=560.04 M_y=560.83
My,Ed=560.83 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 324 (-78 -27) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
Sollecitazioni: N=10.19 T_z=-108.02 M_y=98.92 T_y=33.96 M_z=50.94
Tensioni: σ_N=0.27 $\sigma_{m,d}$=109.06 τ=0.00 σ_{max}=109.34 (sfrut=0.03)
Tensioni: σ_N=0.27 $\sigma_{m,d}$=36.38 τ=5.55 τ_{max}=5.55 (sfrut=0.00)
Tensioni: σ_N=0.27 $\sigma_{m,d}$=109.06 τ=0.00 $\sigma_{ID,max}$=109.34 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-560.04
V,Ed=-560.04 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-560.04 M_y=560.83
My,Ed=560.83 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 3 SND - Classe 3
Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93

Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 325 (-28 -81) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
Sollecitazioni: N=-10.19 T_z=108.02 M_y=98.92 T_y=-33.96 M_z=50.94
Tensioni: σ_N=-0.27 $\sigma_{m,d}$=-109.06 τ=0.00 σ_{max}=-109.34 (sfrut=0.03)
Tensioni: σ_N=-0.27 $\sigma_{m,d}$=36.38 τ=5.55 τ_{max}=5.55 (sfrut=0.00)
Tensioni: σ_N=-0.27 $\sigma_{m,d}$=-109.06 τ=0.00 $\sigma_{ID,max}$=109.34 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=560.04
V,Ed=560.04 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=560.04 M_y=560.83
My,Ed=560.83 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 325 (-80 -28) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
Sollecitazioni: N=10.19 T_z=-108.02 M_y=98.92 T_y=33.96 M_z=50.94
Tensioni: σ_N=0.27 $\sigma_{m,d}$=109.06 τ=0.00 σ_{max}=109.34 (sfrut=0.03)
Tensioni: σ_N=0.27 $\sigma_{m,d}$=36.38 τ=5.55 τ_{max}=5.55 (sfrut=0.00)
Tensioni: σ_N=0.27 $\sigma_{m,d}$=109.06 τ=0.00 $\sigma_{ID,max}$=109.34 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-560.04
V,Ed=-560.04 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-560.04 M_y=560.83
My,Ed=560.83 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 3 SND - Classe 3
Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 326 (-29 -83) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
Sollecitazioni: N=-10.19 T_z=108.02 M_y=98.92 T_y=-33.96 M_z=50.94
Tensioni: σ_N=-0.27 $\sigma_{m,d}$=-109.06 τ=0.00 σ_{max}=-109.34 (sfrut=0.03)
Tensioni: σ_N=-0.27 $\sigma_{m,d}$=36.38 τ=5.55 τ_{max}=5.55 (sfrut=0.00)
Tensioni: σ_N=-0.27 $\sigma_{m,d}$=-109.06 τ=0.00 $\sigma_{ID,max}$=109.34 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=560.04
V,Ed=560.04 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=560.04 M_y=560.83
My,Ed=560.83 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 326 (-82 -29) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
Sollecitazioni: N=10.19 T_z=-108.02 M_y=98.92 T_y=33.96 M_z=50.94
Tensioni: σ_N=0.27 $\sigma_{m,d}$=109.06 τ=0.00 σ_{max}=109.34 (sfrut=0.03)
Tensioni: σ_N=0.27 $\sigma_{m,d}$=36.38 τ=5.55 τ_{max}=5.55 (sfrut=0.00)
Tensioni: σ_N=0.27 $\sigma_{m,d}$=109.06 τ=0.00 $\sigma_{ID,max}$=109.34 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-560.04
V,Ed=-560.04 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-560.04 M_y=560.83
My,Ed=560.83 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 3 SND - Classe 3
Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95

Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 327 (-30 -85) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
Sollecitazioni: N=-10.19 T_z=108.02 M_y=98.92 T_y=-33.96 M_z=50.94
Tensioni: σ_N=-0.27 $\sigma_{m,d}$=-109.06 τ=0.00 σ_{max}=-109.34 (sfrut=0.03)
Tensioni: σ_N=-0.27 $\sigma_{m,d}$=36.38 τ=5.55 τ_{max}=5.55 (sfrut=0.00)
Tensioni: σ_N=-0.27 $\sigma_{m,d}$=-109.06 τ=0.00 $\sigma_{ID,max}$=109.34 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=560.04
V,Ed=560.04 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=560.04 M_y=560.83
My,Ed=560.83 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_Y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_Z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 327 (-84 -30) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
Sollecitazioni: N=10.19 T_z=-108.02 M_y=98.92 T_y=33.96 M_z=50.94
Tensioni: σ_N=0.27 $\sigma_{m,d}$=109.06 τ=0.00 σ_{max}=109.34 (sfrut=0.03)
Tensioni: σ_N=0.27 $\sigma_{m,d}$=36.38 τ=5.55 τ_{max}=5.55 (sfrut=0.00)
Tensioni: σ_N=0.27 $\sigma_{m,d}$=109.06 τ=0.00 $\sigma_{ID,max}$=109.34 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-560.04
V,Ed=-560.04 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-560.04 M_y=560.83
My,Ed=560.83 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 3 SND - Classe 3
Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_Y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_Z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 329 (-32 -86) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
Sollecitazioni: N=-10.19 T_z=108.02 M_y=98.92 T_y=-33.96 M_z=50.94
Tensioni: σ_N=-0.27 $\sigma_{m,d}$=-109.06 τ=0.00 σ_{max}=-109.34 (sfrut=0.03)
Tensioni: σ_N=-0.27 $\sigma_{m,d}$=36.38 τ=5.55 τ_{max}=5.55 (sfrut=0.00)
Tensioni: σ_N=-0.27 $\sigma_{m,d}$=-109.06 τ=0.00 $\sigma_{ID,max}$=109.34 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=560.04
V,Ed=560.04 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=560.04 M_y=560.83
My,Ed=560.83 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_Y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_Z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 329 (-87 -32) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
Sollecitazioni: N=10.19 T_z=-108.02 M_y=98.92 T_y=33.96 M_z=50.94
Tensioni: σ_N=0.27 $\sigma_{m,d}$=109.06 τ=0.00 σ_{max}=109.34 (sfrut=0.03)
Tensioni: σ_N=0.27 $\sigma_{m,d}$=36.38 τ=5.55 τ_{max}=5.55 (sfrut=0.00)
Tensioni: σ_N=0.27 $\sigma_{m,d}$=109.06 τ=0.00 $\sigma_{ID,max}$=109.34 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-560.04
V,Ed=-560.04 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-560.04 M_y=560.83
My,Ed=560.83 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 3 SND - Classe 3
Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_Y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_Z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03

Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 330 (-33 -89) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
Sollecitazioni: N=-10.19 T_z=108.02 M_y=98.92 T_y=-33.96 M_z=50.94
Tensioni: σ_N=-0.27 $\sigma_{m,d}$=-109.06 τ=0.00 σ_{max}=-109.34 (sfrut=0.03)
Tensioni: σ_N=-0.27 $\sigma_{m,d}$=36.38 τ=5.55 τ_{max}=5.55 (sfrut=0.00)
Tensioni: σ_N=-0.27 $\sigma_{m,d}$=-109.06 τ=0.00 $\sigma_{ID,max}$=109.34 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=560.04
V,Ed=560.04 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=560.04 M_y=560.83
My,Ed=560.83 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 330 (-88 -33) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
Sollecitazioni: N=10.19 T_z=-108.02 M_y=98.92 T_y=33.96 M_z=50.94
Tensioni: σ_N=0.27 $\sigma_{m,d}$=109.06 τ=0.00 σ_{max}=109.34 (sfrut=0.03)
Tensioni: σ_N=0.27 $\sigma_{m,d}$=36.38 τ=5.55 τ_{max}=5.55 (sfrut=0.00)
Tensioni: σ_N=0.27 $\sigma_{m,d}$=109.06 τ=0.00 $\sigma_{ID,max}$=109.34 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-560.04
V,Ed=-560.04 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-560.04 M_y=560.83
My,Ed=560.83 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 3 SND - Classe 3
Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 331 (-34 -61) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
Sollecitazioni: N=-10.19 T_z=108.02 M_y=98.92 T_y=-33.96 M_z=50.94
Tensioni: σ_N=-0.27 $\sigma_{m,d}$=-109.06 τ=0.00 σ_{max}=-109.34 (sfrut=0.03)
Tensioni: σ_N=-0.27 $\sigma_{m,d}$=36.38 τ=5.55 τ_{max}=5.55 (sfrut=0.00)
Tensioni: σ_N=-0.27 $\sigma_{m,d}$=-109.06 τ=0.00 $\sigma_{ID,max}$=109.34 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=560.04
V,Ed=560.04 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=560.04 M_y=560.83
My,Ed=560.83 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 331 (-62 -34) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
Sollecitazioni: N=10.19 T_z=-108.02 M_y=98.92 T_y=33.96 M_z=50.94
Tensioni: σ_N=0.27 $\sigma_{m,d}$=109.06 τ=0.00 σ_{max}=109.34 (sfrut=0.03)
Tensioni: σ_N=0.27 $\sigma_{m,d}$=36.38 τ=5.55 τ_{max}=5.55 (sfrut=0.00)
Tensioni: σ_N=0.27 $\sigma_{m,d}$=109.06 τ=0.00 $\sigma_{ID,max}$=109.34 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-560.04
V,Ed=-560.04 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-560.04 M_y=560.83
My,Ed=560.83 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 3 SND - Classe 3
Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 332 (-35 -102) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=-10.19 T_z=108.02 M_y=98.92 T_y=-33.96 M_z=50.94
  Tensioni: σ_N=-0.27 $\sigma_{m,d}$=-109.06 τ=0.00 σ_{max}=-109.34 (sfrut=0.03)
  Tensioni: σ_N=-0.27 $\sigma_{m,d}$=36.38 τ=5.55 τ_{max}=5.55 (sfrut=0.00)
  Tensioni: σ_N=-0.27 $\sigma_{m,d}$=-109.06 τ=0.00 $\sigma_{ID,max}$=109.34 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=560.04
  V,Ed=560.04 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=560.04 M_y=560.83
  My,Ed=560.83 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
  Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=1.50
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_Y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
  λ_Z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.02+0.01=0.03
  Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 332 (-101 -35) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
  Sollecitazioni: N=10.19 T_z=-108.02 M_y=98.92 T_y=33.96 M_z=50.94
  Tensioni: σ_N=0.27 $\sigma_{m,d}$=109.06 τ=0.00 σ_{max}=109.34 (sfrut=0.03)
  Tensioni: σ_N=0.27 $\sigma_{m,d}$=36.38 τ=5.55 τ_{max}=5.55 (sfrut=0.00)
  Tensioni: σ_N=0.27 $\sigma_{m,d}$=109.06 τ=0.00 $\sigma_{ID,max}$=109.34 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=1.50 - Classe 1
  Sollecitazioni: T_z=-560.04
  V,Ed=-560.04 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=1.50 - Classe 1
  Sollecitazioni: T_z=-560.04 M_y=560.83
  My,Ed=560.83 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 3 SND - Classe 3
  Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=1.50
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_Y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
  λ_Z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.02+0.01=0.03
  Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 333 (-37 -103) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=-10.19 T_z=108.02 M_y=98.92 T_y=-33.96 M_z=50.94
  Tensioni: σ_N=-0.27 $\sigma_{m,d}$=-109.06 τ=0.00 σ_{max}=-109.34 (sfrut=0.03)
  Tensioni: σ_N=-0.27 $\sigma_{m,d}$=36.38 τ=5.55 τ_{max}=5.55 (sfrut=0.00)
  Tensioni: σ_N=-0.27 $\sigma_{m,d}$=-109.06 τ=0.00 $\sigma_{ID,max}$=109.34 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=560.04
  V,Ed=560.04 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=560.04 M_y=560.83
  My,Ed=560.83 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
  Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=1.50
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_Y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
  λ_Z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.02+0.01=0.03
  Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 333 (-104 -37) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
  Sollecitazioni: N=10.19 T_z=-108.02 M_y=98.92 T_y=33.96 M_z=50.94
  Tensioni: σ_N=0.27 $\sigma_{m,d}$=109.06 τ=0.00 σ_{max}=109.34 (sfrut=0.03)
  Tensioni: σ_N=0.27 $\sigma_{m,d}$=36.38 τ=5.55 τ_{max}=5.55 (sfrut=0.00)
  Tensioni: σ_N=0.27 $\sigma_{m,d}$=109.06 τ=0.00 $\sigma_{ID,max}$=109.34 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=1.50 - Classe 1
  Sollecitazioni: T_z=-560.04
  V,Ed=-560.04 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=1.50 - Classe 1
  Sollecitazioni: T_z=-560.04 M_y=560.83
  My,Ed=560.83 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.09

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 3 SND - Classe 3
  Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=1.50
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_Y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
  λ_Z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.02+0.01=0.03
  Verifica ZZ: 0.00+0.01+0.01=0.03

Asta n. 334 (-38 -99) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=-6.80 T_z=76.05 M_y=65.99 T_y=-22.66 M_z=33.98
  Tensioni: σ_N=-0.18 $\sigma_{m,d}$=-72.76 τ=0.00 σ_{max}=-72.94 (sfrut=0.02)
  Tensioni: σ_N=-0.18 $\sigma_{m,d}$=24.27 τ=3.91 τ_{max}=3.91 (sfrut=0.00)
  Tensioni: σ_N=-0.18 $\sigma_{m,d}$=-72.76 τ=0.00 $\sigma_{ID,max}$=72.94 (sfrut=0.02)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=308.67
  V,Ed=308.67 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=308.67 M_y=301.91
  My,Ed=301.91 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.05

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
  Sollecitazioni: N,Ed=-6.80 My,Ed=65.99 Mz,Ed=33.98 L=1.50
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
  λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.01+0.01=0.02
  Verifica ZZ: 0.00+0.01+0.01=0.02

Asta n. 334 (-100 -38) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
  Sollecitazioni: N=6.80 T_z=-76.05 M_y=65.99 T_y=22.66 M_z=33.98
  Tensioni: σ_N=0.18 $\sigma_{m,d}$=72.76 τ=0.00 σ_{max}=72.94 (sfrut=0.02)
  Tensioni: σ_N=0.18 $\sigma_{m,d}$=24.27 τ=3.91 τ_{max}=3.91 (sfrut=0.00)
  Tensioni: σ_N=0.18 $\sigma_{m,d}$=72.76 τ=0.00 $\sigma_{ID,max}$=72.94 (sfrut=0.02)

- Verifica a taglio Dir. Z [4.2.16] - CC 29 SLU Xl=1.50 - Classe 1
  Sollecitazioni: T_z=-308.68
  V,Ed=-308.68 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a flessione e taglio YY[4.2.32] - CC 29 SLU Xl=1.50 - Classe 1
  Sollecitazioni: T_z=-308.68 M_y=301.91
  My,Ed=301.91 My,V,c,Rd=6269.10 My,Ed/My,V,c,Rd=0.05

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 3 SND - Classe 3
  Sollecitazioni: N,Ed=-6.80 My,Ed=65.99 Mz,Ed=33.98 L=1.50
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
  λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.01+0.01=0.02
  Verifica ZZ: 0.00+0.01+0.01=0.02

Membratura
 Asta n. 201 (-3 -4 -5 -6 -7 -8 -9 -10) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 29 SLU - Classe 3
  Sollecitazioni: My,Ed=2542.07 Mz,Ed=0.00 L=7.13
  αmy, αmz, αLT=0.95, 0.95, 0.95
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.19=0.19
  Verifica ZZ: 0.00+0.15=0.15

- Verifica freccia massima per soli carichi accidentali - CC 31
  $f_{z,G}$=0.14 (L/4969)

- Verifica freccia massima carichi totali - CC 31
  $f_{z,L}$=0.24 (L/2982)

Membratura
 Asta n. 202 (-10 -11 -12 -13 -14 -15 203) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 29 SLU - Classe 3
  Sollecitazioni: N,Ed=-212.25 My,Ed=3746.45 Mz,Ed=0.00 L=7.10
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=90.50 Ncr,y=155474.00 λ^*_y=1.18 Curva a: Φ_y=1.30 χ_y=0.54
  λ_z=90.50 Ncr,z=155474.00 λ^*_z=1.18 Curva a: Φ_z=1.30 χ_z=0.54
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.28=0.28
  Verifica ZZ: 0.00+0.22=0.22

- Verifica freccia massima per soli carichi accidentali - CC 31
  $f_{z,L}$=0.43 (L/1635)

- Verifica freccia massima carichi totali - CC 31
  $f_{z,G}$=0.66 (L/1076)

Membratura
 Asta n. 203 (203 -16 -17 -18 -19 -20 204) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 29 SLU - Classe 3
  Sollecitazioni: N,Ed=46.56 My,Ed=3174.75 Mz,Ed=0.00 L=6.00
  αmy, αmz, αLT=0.95, 0.95, 0.95
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.24=0.24
  Verifica ZZ: 0.00+0.19=0.19

- Verifica freccia massima per soli carichi accidentali - CC 31
  $f_{z,L}$=0.15 (L/3959)

- Verifica freccia massima carichi totali - CC 31
  $f_{z,L}$=0.23 (L/2608)

Membratura
 Asta n. 204 (204 -21 -22 -23 -24 -25 205) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 29 SLU - Classe 3
  Sollecitazioni: N,Ed=46.56 My,Ed=3174.75 Mz,Ed=0.00 L=6.00
  αmy, αmz, αLT=0.95, 0.95, 0.95
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.24=0.24
  Verifica ZZ: 0.00+0.19=0.19

- Verifica freccia massima per soli carichi accidentali - CC 31
  $f_{z,L}$=0.15 (L/3959)

- Verifica freccia massima carichi totali - CC 31
  $f_{z,L}$=0.23 (L/2608)

Membratura
 Asta n. 205 (205 -26 -27 -28 -29 -30 -31) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 29 SLU - Classe 3
  Sollecitazioni: N,Ed=-212.25 My,Ed=3746.46 Mz,Ed=0.00 L=7.10
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=90.50 Ncr,y=155474.00 λ^*_y=1.18 Curva a: Φ_y=1.30 χ_y=0.54
  λ_z=90.50 Ncr,z=155474.00 λ^*_z=1.18 Curva a: Φ_z=1.30 χ_z=0.54
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.28=0.28
  Verifica ZZ: 0.00+0.22=0.22

- Verifica freccia massima per soli carichi accidentali - CC 31
  $f_{z,L}$=0.43 (L/1635)

- Verifica freccia massima carichi totali - CC 31
  $f_{z,G}$=0.66 (L/1076)

Membratura
 Asta n. 206 (-31 -32 -33 -34 -35 -36 -37 -38) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 29 SLU - Classe 3
  Sollecitazioni: My,Ed=2542.05 Mz,Ed=0.00 L=7.13
  αmy, αmz, αLT=0.95, 0.95, 0.95
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.19=0.19
  Verifica ZZ: 0.00+0.15=0.15

- Verifica freccia massima per soli carichi accidentali - CC 31
  $f_{z,G}$=0.14 (L/4967)

- Verifica freccia massima carichi totali - CC 31
  $f_{z,L}$=0.24 (L/2982)

Membratura
 Asta n. 301 (-60 -3 -59) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
  Sollecitazioni: N,Ed=-6.80 My,Ed=65.99 Mz,Ed=33.98 L=3.00
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
  λ_z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.01+0.01=0.02
  Verifica ZZ: 0.00+0.01+0.01=0.02

- Verifica freccia massima per soli carichi accidentali - CC 31
  $f_{z,L}$=0.04 (L/7516)

- Verifica freccia massima carichi totali - CC 31
  $f_{z,L}$=0.06 (L/5231)

Membratura
 Asta n. 302 (-47 -4 -46) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
  Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=3.00
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
  λ_z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.02+0.01=0.03
  Verifica ZZ: 0.00+0.01+0.01=0.03

- Verifica freccia massima per soli carichi accidentali - CC 31
  $f_{z,L}$=0.08 (L/3759)

- Verifica freccia massima carichi totali - CC 31
  $f_{z,L}$=0.11 (L/2813)

Membratura
 Asta n. 303 (-48 -6 -49) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
  Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=3.00
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
  λ_z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.02+0.01=0.03
  Verifica ZZ: 0.00+0.01+0.01=0.03

- Verifica freccia massima per soli carichi accidentali - CC 31
  $f_{z,L}$=0.08 (L/3759)

- Verifica freccia massima carichi totali - CC 31
  $f_{z,L}$=0.11 (L/2813)

Membratura
Asta n. 304 (-96 -7 -95) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=3.00
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
λ_z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.01+0.01=0.03

- Verifica freccia massima per soli carichi accidentali - CC 31
$f_{z,L}$=0.08 (L/3758)

- Verifica freccia massima carichi totali - CC 31
$f_{z,L}$=0.11 (L/2813)

Membratura
Asta n. 305 (-66 -8 -67) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=3.00
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
λ_z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.01+0.01=0.03

- Verifica freccia massima per soli carichi accidentali - CC 31
$f_{z,L}$=0.08 (L/3759)

- Verifica freccia massima carichi totali - CC 31
$f_{z,L}$=0.11 (L/2813)

Membratura
Asta n. 306 (-69 -9 -68) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=3.00
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
λ_z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.01+0.01=0.03

- Verifica freccia massima per soli carichi accidentali - CC 31
$f_{z,L}$=0.08 (L/3758)

- Verifica freccia massima carichi totali - CC 31
$f_{z,L}$=0.11 (L/2813)

Membratura
Asta n. 307 (-70 -11 -71) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=3.00
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
λ_z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.01+0.01=0.03

- Verifica freccia massima per soli carichi accidentali - CC 31
$f_{z,L}$=0.08 (L/3758)

- Verifica freccia massima carichi totali - CC 31
$f_{z,L}$=0.11 (L/2812)

Membratura
Asta n. 308 (-72 -12 -73) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=3.00
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
λ_z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.01+0.01=0.03

- Verifica freccia massima per soli carichi accidentali - CC 31
$f_{z,L}$=0.08 (L/3759)

- Verifica freccia massima carichi totali - CC 31
$f_{z,L}$=0.11 (L/2813)

Membratura
Asta n. 309 (-74 -13 -75) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=3.00
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
λ_z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.01+0.01=0.03

- Verifica freccia massima per soli carichi accidentali - CC 31
  $f_{z,L}$=0.08 (L/3759)

- Verifica freccia massima carichi totali - CC 31
  $f_{z,L}$=0.11 (L/2813)

Membratura
 Asta n. 310 (-90 -14 -91) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
  Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=3.00
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_Y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
  λ_Z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.02+0.01=0.03
  Verifica ZZ: 0.00+0.01+0.01=0.03

- Verifica freccia massima per soli carichi accidentali - CC 31
  $f_{z,L}$=0.08 (L/3759)

- Verifica freccia massima carichi totali - CC 31
  $f_{z,L}$=0.11 (L/2813)

Membratura
 Asta n. 311 (-92 -15 -93) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
  Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=3.00
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_Y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
  λ_Z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.02+0.01=0.03
  Verifica ZZ: 0.00+0.01+0.01=0.03

- Verifica freccia massima per soli carichi accidentali - CC 31
  $f_{z,L}$=0.08 (L/3758)

- Verifica freccia massima carichi totali - CC 31
  $f_{z,L}$=0.11 (L/2813)

Membratura
 Asta n. 312 (-98 -16 -94) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
  Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=3.00
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_Y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
  λ_Z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.02+0.01=0.03
  Verifica ZZ: 0.00+0.01+0.01=0.03

- Verifica freccia massima per soli carichi accidentali - CC 31
  $f_{z,L}$=0.08 (L/3758)

- Verifica freccia massima carichi totali - CC 31
  $f_{z,L}$=0.11 (L/2813)

Membratura
 Asta n. 313 (-97 -17 -42) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
  Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=3.00
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_Y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
  λ_Z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.02+0.01=0.03
  Verifica ZZ: 0.00+0.01+0.01=0.03

- Verifica freccia massima per soli carichi accidentali - CC 31
  $f_{z,L}$=0.08 (L/3758)

- Verifica freccia massima carichi totali - CC 31
  $f_{z,L}$=0.11 (L/2813)

Membratura
 Asta n. 314 (-43 -18 -44) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
  Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=3.00
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_Y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
  λ_Z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.02+0.01=0.03
  Verifica ZZ: 0.00+0.01+0.01=0.03

- Verifica freccia massima per soli carichi accidentali - CC 31
  $f_{z,L}$=0.08 (L/3758)

- Verifica freccia massima carichi totali - CC 31
  $f_{z,L}$=0.11 (L/2812)

Membratura
 Asta n. 315 (-45 -19 -58) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
  Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=3.00
  αmy, αmz, αLT=0.95, 0.95, 0.95

λ_Y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
λ_Z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.01+0.01=0.03

- Verifica freccia massima per soli carichi accidentali - CC 31
$f_{z,L}$=0.08 (L/3759)

- Verifica freccia massima carichi totali - CC 31
$f_{z,L}$=0.11 (L/2813)

Membratura
Asta n. 316 (-63 -20 -65) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
Sollecitazioni: N,Ed=-6.80 My,Ed=65.99 Mz,Ed=33.98 L=3.00
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_Y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
λ_Z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.01+0.01=0.02
Verifica ZZ: 0.00+0.01+0.01=0.02

- Verifica freccia massima per soli carichi accidentali - CC 31
$f_{z,L}$=0.04 (L/7516)

- Verifica freccia massima carichi totali - CC 31
$f_{z,L}$=0.06 (L/5231)

Membratura
Asta n. 317 (-51 -21 -50) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
Sollecitazioni: N,Ed=-6.80 My,Ed=65.99 Mz,Ed=33.98 L=3.00
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_Y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
λ_Z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.01+0.01=0.02
Verifica ZZ: 0.00+0.01+0.01=0.02

- Verifica freccia massima per soli carichi accidentali - CC 31
$f_{z,L}$=0.04 (L/7516)

- Verifica freccia massima carichi totali - CC 31
$f_{z,L}$=0.06 (L/5231)

Membratura
Asta n. 318 (-53 -22 -52) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=3.00
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_Y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
λ_Z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.01+0.01=0.03

- Verifica freccia massima per soli carichi accidentali - CC 31
$f_{z,L}$=0.08 (L/3759)

- Verifica freccia massima carichi totali - CC 31
$f_{z,L}$=0.11 (L/2813)

Membratura
Asta n. 319 (-55 -23 -54) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=3.00
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_Y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
λ_Z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.01+0.01=0.03

- Verifica freccia massima per soli carichi accidentali - CC 31
$f_{z,L}$=0.08 (L/3758)

- Verifica freccia massima carichi totali - CC 31
$f_{z,L}$=0.11 (L/2812)

Membratura
Asta n. 320 (-57 -24 -56) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=3.00
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_Y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
λ_Z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.01+0.01=0.03

- Verifica freccia massima per soli carichi accidentali - CC 31
$f_{z,L}$=0.08 (L/3758)

- Verifica freccia massima carichi totali - CC 31
$f_{z,L}$=0.11 (L/2812)

Membratura
Asta n. 322 (-41 -25 -64) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=3.00
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_Y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
λ_Z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.01+0.01=0.03

- Verifica freccia massima per soli carichi accidentali - CC 31
$f_{z,L}$=0.08 (L/3759)

- Verifica freccia massima carichi totali - CC 31
$f_{z,L}$=0.11 (L/2813)

Membratura
Asta n. 323 (-77 -26 -76) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=3.00
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_Y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
λ_Z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.01+0.01=0.03

- Verifica freccia massima per soli carichi accidentali - CC 31
$f_{z,L}$=0.08 (L/3758)

- Verifica freccia massima carichi totali - CC 31
$f_{z,L}$=0.11 (L/2812)

Membratura
Asta n. 324 (-79 -27 -78) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=3.00
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_Y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
λ_Z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.01+0.01=0.03

- Verifica freccia massima per soli carichi accidentali - CC 31
$f_{z,L}$=0.08 (L/3759)

- Verifica freccia massima carichi totali - CC 31
$f_{z,L}$=0.11 (L/2813)

Membratura
Asta n. 325 (-81 -28 -80) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=3.00
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_Y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
λ_Z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.01+0.01=0.03

- Verifica freccia massima per soli carichi accidentali - CC 31
$f_{z,L}$=0.08 (L/3759)

- Verifica freccia massima carichi totali - CC 31
$f_{z,L}$=0.11 (L/2813)

Membratura
Asta n. 326 (-83 -29 -82) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=3.00
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_Y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
λ_Z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.01+0.01=0.03

- Verifica freccia massima per soli carichi accidentali - CC 31
$f_{z,L}$=0.08 (L/3759)

- Verifica freccia massima carichi totali - CC 31
$f_{z,L}$=0.11 (L/2813)

Membratura
Asta n. 327 (-85 -30 -84) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=3.00
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_Y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
λ_Z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.02+0.01=0.03
Verifica ZZ: 0.00+0.01+0.01=0.03

- Verifica freccia massima per soli carichi accidentali - CC 31
  $f_{z,L}$=0.08 (L/3758)

- Verifica freccia massima carichi totali - CC 31
  $f_{z,L}$=0.11 (L/2812)

Membratura
 Asta n. 329 (-86 -32 -87) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
  Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=3.00
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
  λ_z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.02+0.01=0.03
  Verifica ZZ: 0.00+0.01+0.01=0.03

- Verifica freccia massima per soli carichi accidentali - CC 31
  $f_{z,L}$=0.08 (L/3758)

- Verifica freccia massima carichi totali - CC 31
  $f_{z,L}$=0.11 (L/2813)

Membratura
 Asta n. 330 (-89 -33 -88) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
  Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=3.00
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
  λ_z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.02+0.01=0.03
  Verifica ZZ: 0.00+0.01+0.01=0.03

- Verifica freccia massima per soli carichi accidentali - CC 31
  $f_{z,L}$=0.08 (L/3759)

- Verifica freccia massima carichi totali - CC 31
  $f_{z,L}$=0.11 (L/2813)

Membratura
 Asta n. 331 (-61 -34 -62) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
  Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=3.00
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
  λ_z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.02+0.01=0.03
  Verifica ZZ: 0.00+0.01+0.01=0.03

- Verifica freccia massima per soli carichi accidentali - CC 31
  $f_{z,L}$=0.08 (L/3758)

- Verifica freccia massima carichi totali - CC 31
  $f_{z,L}$=0.11 (L/2813)

Membratura
 Asta n. 332 (-102 -35 -101) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
  Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=3.00
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
  λ_z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.02+0.01=0.03
  Verifica ZZ: 0.00+0.01+0.01=0.03

- Verifica freccia massima per soli carichi accidentali - CC 31
  $f_{z,L}$=0.08 (L/3759)

- Verifica freccia massima carichi totali - CC 31
  $f_{z,L}$=0.11 (L/2813)

Membratura
 Asta n. 333 (-103 -37 -104) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
  Sollecitazioni: N,Ed=-10.19 My,Ed=98.92 Mz,Ed=50.94 L=3.00
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
  λ_z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.02+0.01=0.03
  Verifica ZZ: 0.00+0.01+0.01=0.03

- Verifica freccia massima per soli carichi accidentali - CC 31
  $f_{z,L}$=0.08 (L/3759)

- Verifica freccia massima carichi totali - CC 31
  $f_{z,L}$=0.11 (L/2813)

Membratura
 Asta n. 334 (-99 -38 -100) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 SND - Classe 3
  Sollecitazioni: N,Ed=-6.80 My,Ed=65.99 Mz,Ed=33.98 L=3.00
  αmy, αmz, αLT=0.95, 0.95, 0.95

λ_Y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
λ_Z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.01+0.01=0.02
Verifica ZZ: 0.00+0.01+0.01=0.02

- Verifica freccia massima per soli carichi accidentali - CC 31
  $f_{z,L}$=0.04 (L/7516)

- Verifica freccia massima carichi totali - CC 31
  $f_{z,L}$=0.06 (L/5231)

6.4 Tracker 2x30 - configurazione in esercizio (α = 55°)

6.4.1 Diagrammi tassi di sfruttamento

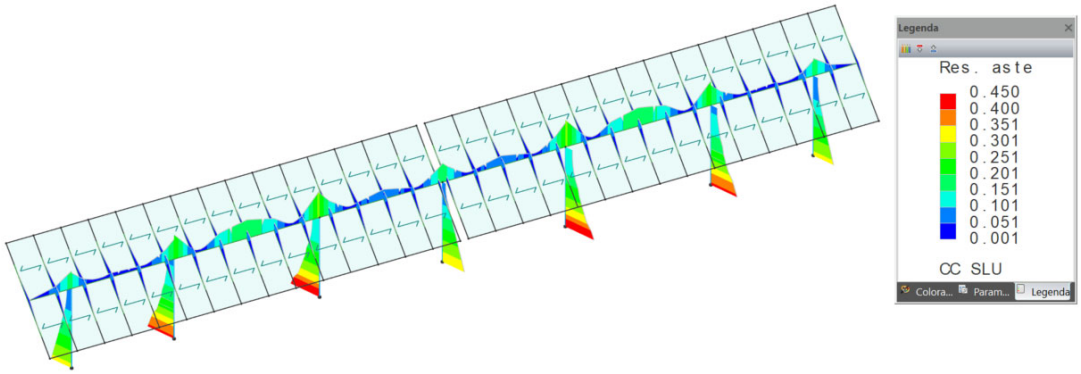


Diagramma tassi di sfruttamento resistenza aste combo SLU con valore massimo pari a 0,450

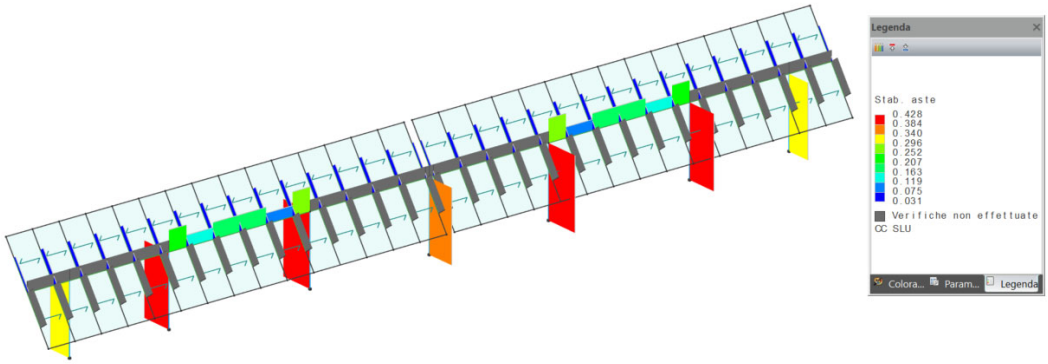


Diagramma tassi di sfruttamento stabilità aste combo SLU con valore massimo pari a 0,428

(nota: la dicitura verifiche non effettuate si riferisce ad elementi non sollecitatati per i quali non sono necessarie verifiche di stabilità)

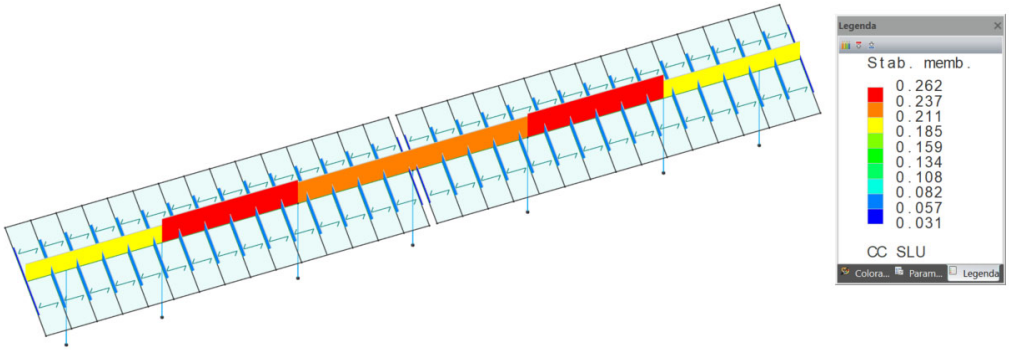


Diagramma tassi di sfruttamento stabilità membrature combo SLU con valore massimo pari a 0,262

Figure 32: Tassi di sfruttamento SLU (Stato limite ultimo)

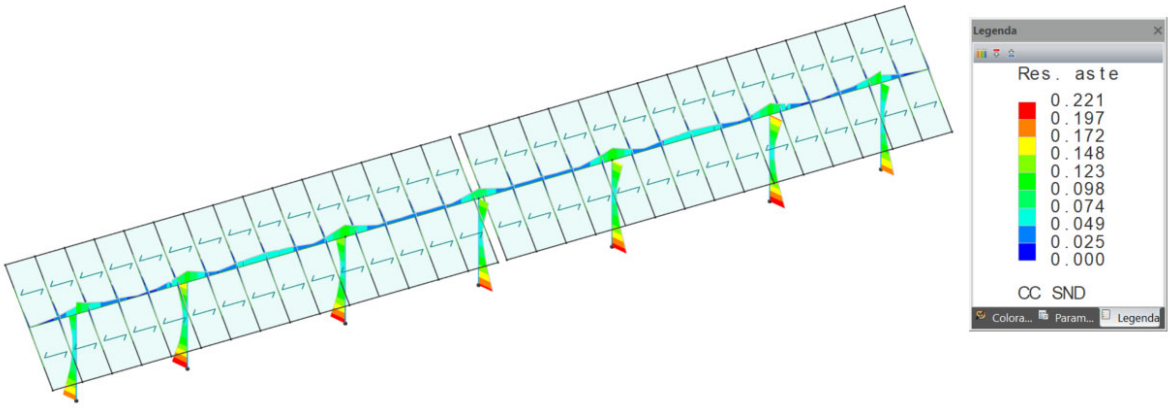


Diagramma tassi di sfruttamento resistenza aste combo SND con valore massimo pari a 0,221

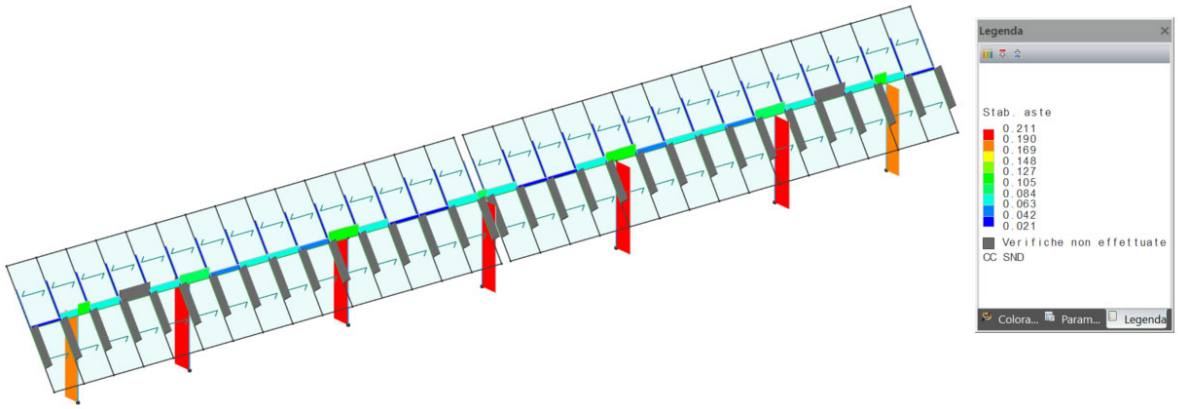


Diagramma tassi di sfruttamento stabilità aste combo SND con valore massimo pari a 0,211

(nota: la dicitura verifiche non effettuate si riferisce ad elementi non sollecitatati per i quali non sono necessarie verifiche di stabilità)

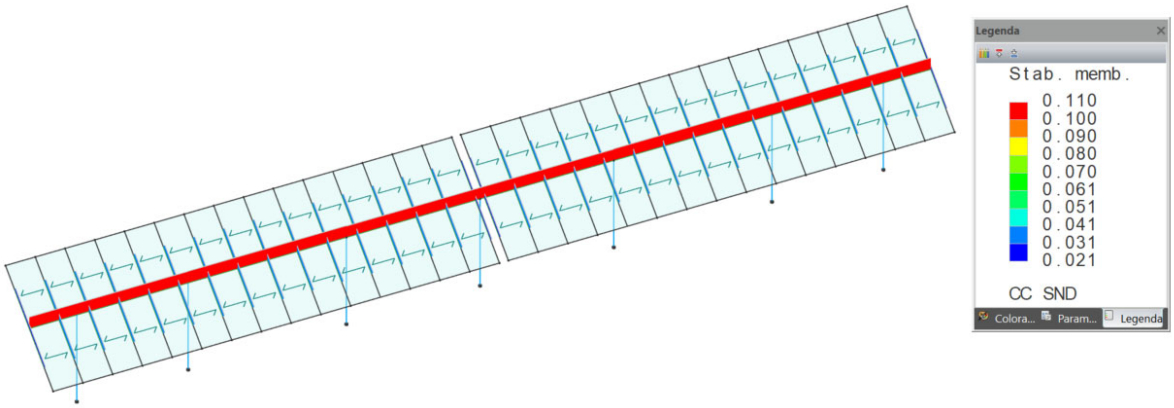
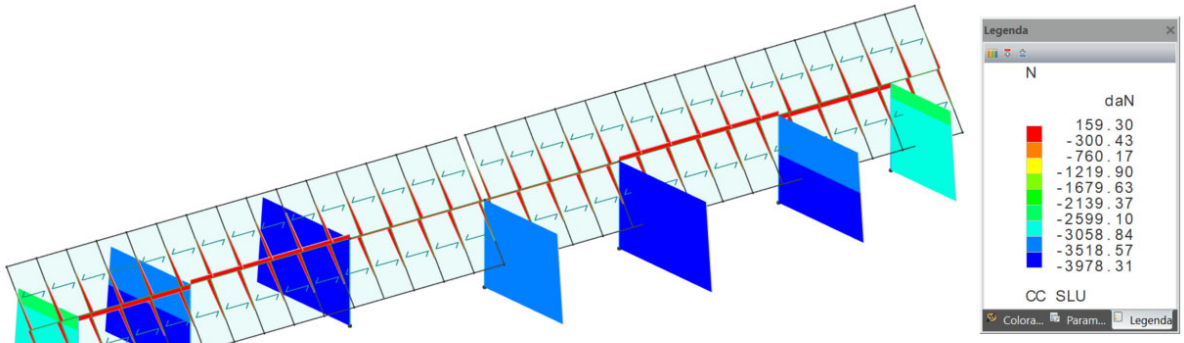


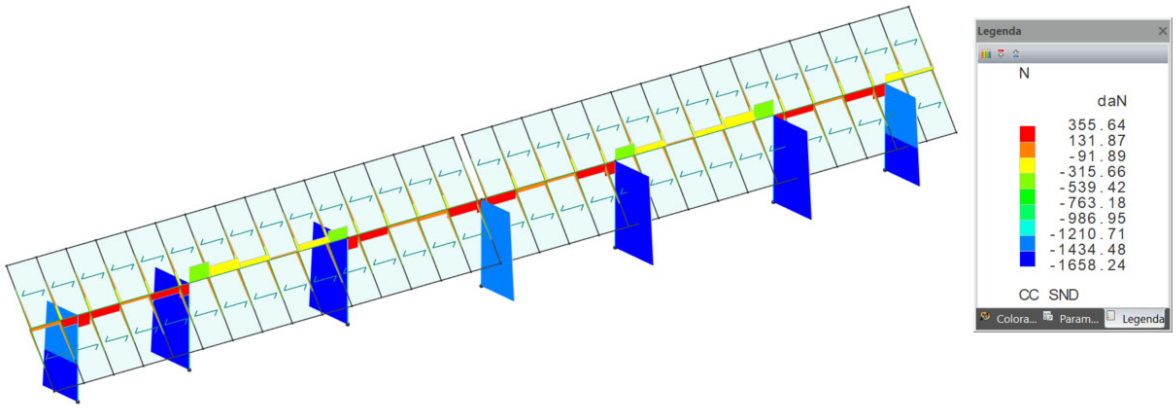
Diagramma tassi di sfruttamento stabilità membrature combo SND con valore massimo pari a 0,110

Figure 33: Tassi di sfruttamento SND (Stato limite di vita non dissipativo)

6.4.2 Sollecitazioni

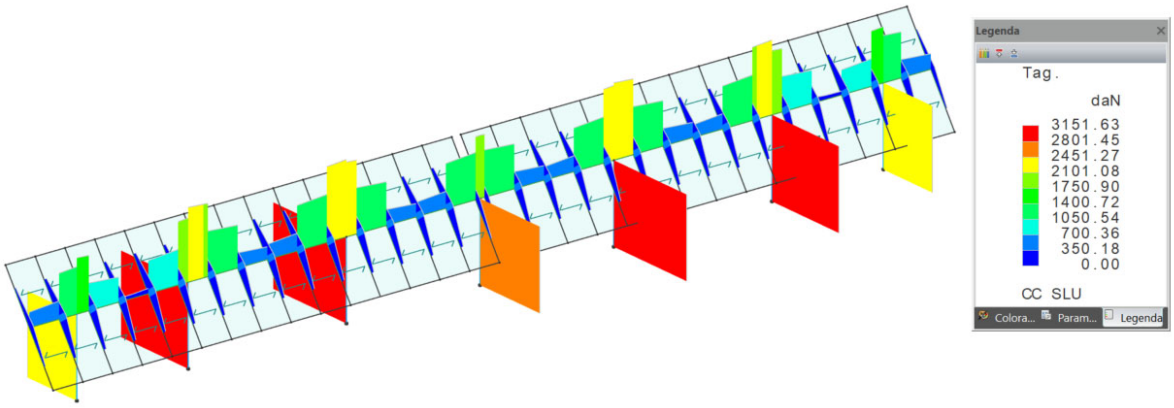


Inviluppo sforzo normale SLU Nmax = 3978,31 daN (compressione)

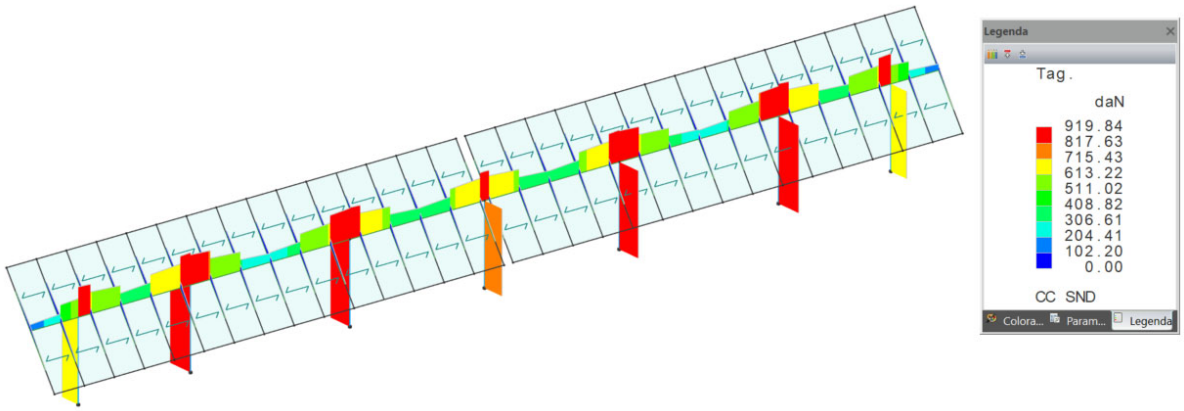


Inviluppo sforzo normale SND Nmax = 1658,24 daN (compressione)

Figure 34: Sforzo Normale

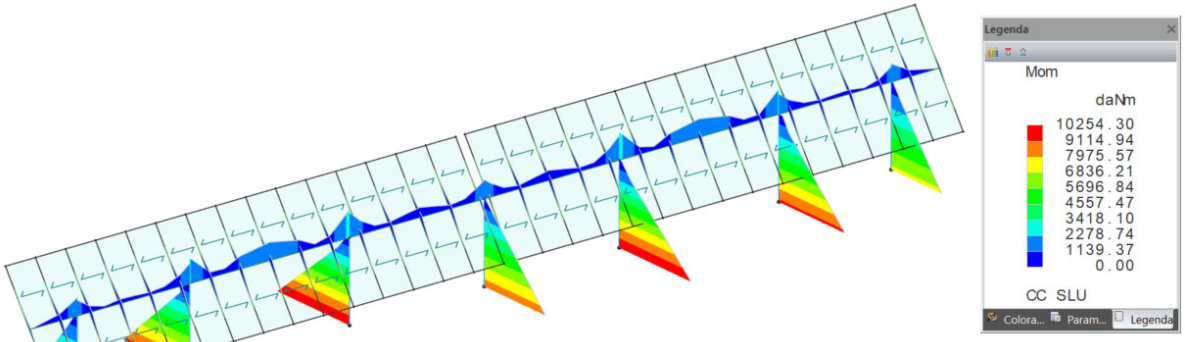


Inviluppo sforzo di taglio SLU Tmax = 3151,63 daN

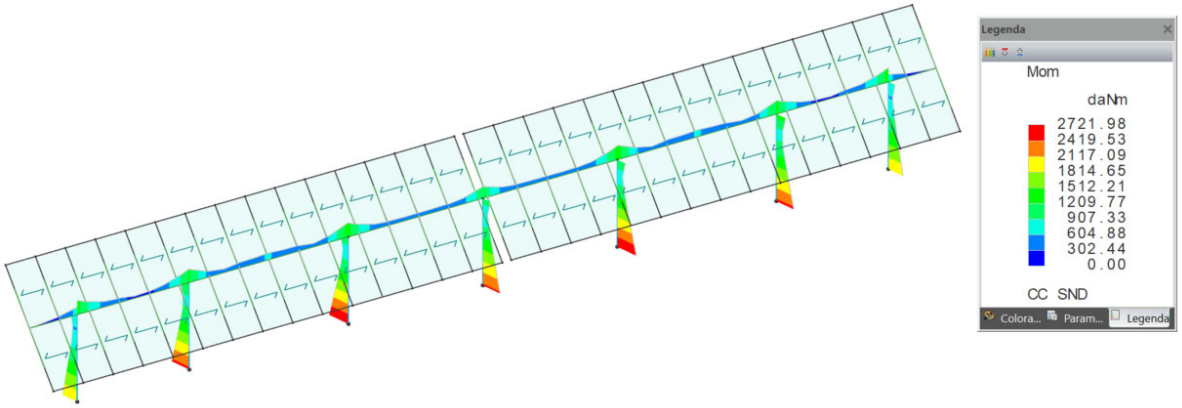


Inviluppo sforzo di taglio SND Tmax = 919,84 daN

Figure 35: Taglio



Inviluppo momento flettente SLU Mmax = 10254,30 daN×m



Inviluppo momento flettente SND Mmax = 2721,98 daN×m

Figure 36: Momento Flettente

6.4.3 Tabulati di calcolo

Si riportano i tabulati di calcolo elaborati come output dal programma di calcolo.

Risultati del calcolo

Parametri di calcolo
La modellazione della struttura e la rielaborazione dei risultati del calcolo sono stati effettuati con:
ModeSt ver. 8.28, licenza n. 7279, prodotto da Tecnisoft s.a.s. - Prato
La struttura è stata calcolata utilizzando come solutore agli elementi finiti:
Xfinest ver. 9.5.3, licenza n. 3451, prodotto da Ce.A.S. S.r.l. - Milano

Tipo di normativa: stati limite D.M. 18
Tipo di calcolo: sismica statica
Vincoli esterni: Considera sempre vincoli assegnati in modellazione
Schematizzazione piani rigidi: nessun impalcato rigido
Modalità di recupero masse secondarie: mantenere sul nodo masse e forze relative

Generazione combinazioni

- Lineari: Sì
- Valuta spostamenti e non sollecitazioni: No
- Buckling: No

Opzioni di calcolo

- Non sono state considerate infinitamente rigide le zone di connessione fra travi, pilastri ed elementi bidimensionali
- Calcolo con offset rigidi dai nodi: No
- Uniformare i carichi variabili: No
- Massimizzare i carichi variabili: No
- Recupero carichi zone rigide: taglio e momento flettente
- Modalità di combinazione momento torcente: disaccoppiare le azioni

Opzioni del solutore

- Tipo di elemento bidimensionale: QF46
- Calcolo sforzo nei nodi: No
- Trascura deformabilità a taglio delle aste: No
- Analisi dinamica con metodo di Lanczos: Sì
- Check sequenza di Sturm: Sì
- Analisi non lineare con Newton modificato: No
- Usa formulazione secante per buckling: No
- Trascura buckling torsionale: No
- Opzioni aggiuntive per analisi non lineari in presenza di elementi
  bidimensionali con comportamento Drucker-Prager:

```
OPTION PARAM CONV=E
OPTION PARAM RESENORM=1.E-8
OPTION PARAM AUTO_INCREMENT=YES
OPTION PARAM LINE_SEARCHES=YES
OPTION PARAM BGINCRS=1.0
OPTION PARAM AVINCRS=1.0
```

Dati struttura

- Sito di costruzione: CPHJ+42 Foggia FG, Italia LON. 15.73010 LAT. 41.42780
  Contenuto tra ID reticolo: 30559 30558 30337 30336

Simbologia
Ag = Accelerazione orizzontale massima al sito
C_C = Coefficiente funzione della categoria del suolo
Fo = Valore massimo del fattore di amplificazione dello spettro in accelerazione orizzontale
S_S = Coefficiente di amplificazione stratigrafica
T_R = Periodo di ritorno <anni>
TCC = Tipo di combinazione di carico
SLU = Stato limite ultimo
SLE R = Stato limite d'esercizio, combinazione rara
SLE F = Stato limite d'esercizio, combinazione frequente
SLE Q = Stato limite d'esercizio, combinazione quasi permanente
SLD = Stato limite di danno
SND = Stato limite di salvaguardia della vita (non dissipativo)
Tc* = Periodo di inizio del tratto a velocità costante dello spettro in accelerazione orizzontale <sec>

TCC	T_R	Ag <g>	Fo	Tc*	S_S	C_C
SLD	50	0.0554	2.54	0.33	1.50	1.52
SLV	475	0.1323	2.61	0.43	1.49	1.38

- Edificio esistente: No
- Spettri: Automatici da normativa
- Tipo di opera: Opera ordinaria
- Vita nominale V_N: 50.00
- Classe d'uso: Classe II
- SL Esercizio: SLOPvr No, SLDPvr 63.00
- SL Ultimi: SLVPvr 10.00, SLCPvr No
- Struttura dissipativa: No
- Quota di riferimento: 0.00 <m>
- Quota max della struttura: 5.26 <m>
- Altezza della struttura: 5.26 <m>
- Numero piani edificio: 0
- Coefficiente θ: 0.00
- Edificio regolare in altezza: Sì
- Edificio regolare in pianta: Sì
- Forze orizzontali convenzionali per stati limite non sismici: No
- Genera stati limite per verifiche di resistenza al fuoco: No

Dati di calcolo

- Categoria del suolo di fondazione: C

- Tipologia strutturale: acciaio a mensola o a pendolo inverso

Periodo T_1	0.29527
Coeff. λ SLD	1.00
Coeff. λ SLV	1.00
Rapporto di sovraresistenza (α_u/α_1)	1.00
Valore di riferimento del fattore di comportamento (q_0)	1.00
Fattore riduttivo (K_w)	1.00
Fattore riduttivo regolarità in altezza (KR)	1.00
Fattore di comportamento dissipativo (q)	1.00
Fattore di comportamento non dissipativo (qND)	1.00
Fattore di comportamento per SLD (qD)	1.00

- Categoria topografica: T1 - Superficie pianeggiante, pendii e rilievi isolati con inclinazione media i<=15°
- Coeff. amplificazione topografica S_T: 1.00
- Accelerazione di picco del terreno AgS: 0.1976 <g>
- Fattore di comportamento per sisma verticale (qv): 1.50
- Smorzamento spettro: 5.00%

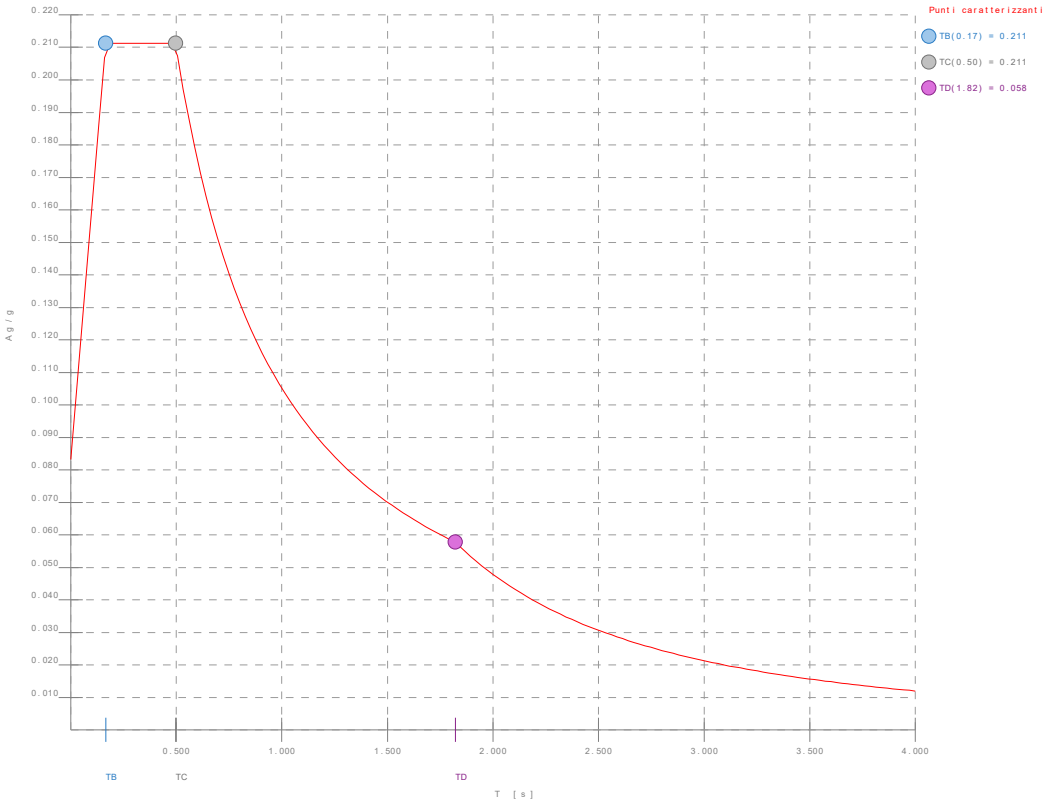


Figura numero 1: Spettro SLD

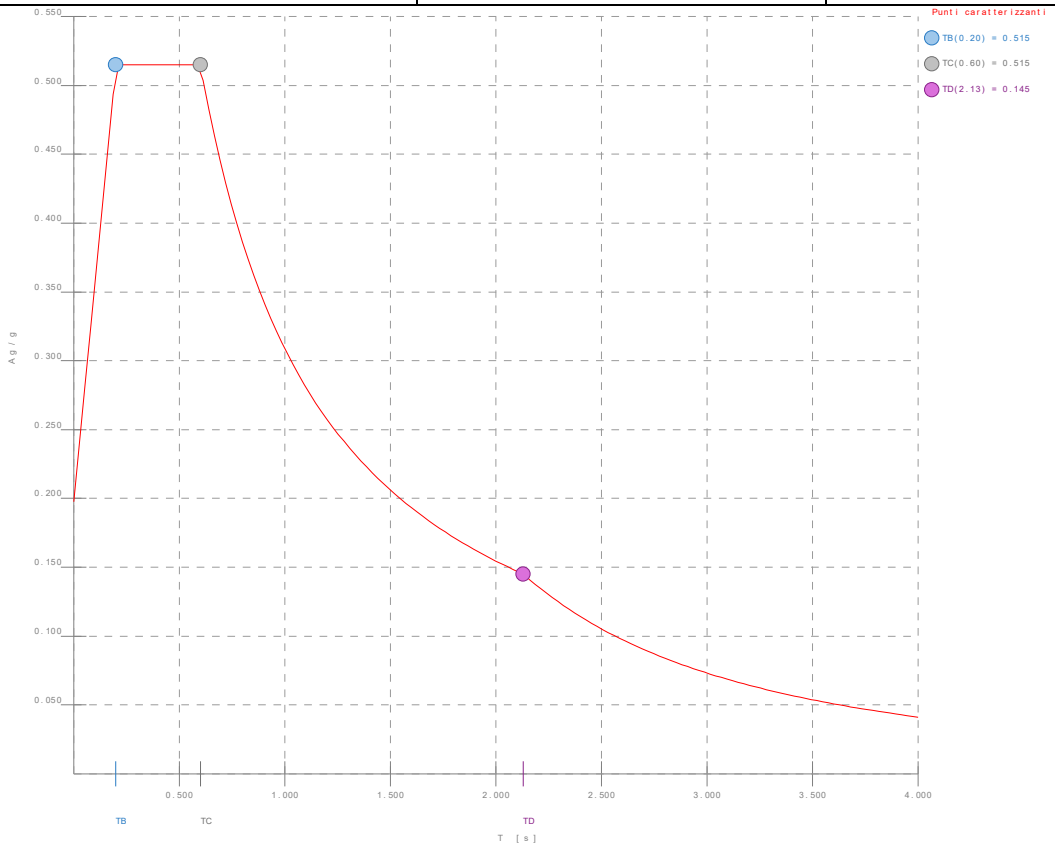


Figura numero 2: Spettro SND

- Angolo di ingresso del sisma: 0.00 <grad>
- Tipo di combinazione sismica: 30% esteso

Ambienti di carico
Simbologia
N = Numero
Comm. = Commento
1 = G1 - Peso Proprio
2 = G2 - Permanenti non strutturali
3 = Q - Variabili neve
4 = Q - Vento retro Cond.A
5 = Q - Vento retro Cond.B
6 = Q - Vento fronte Cond.C
7 = Q - Vento fronte Cond.D
F = azioni orizzontali convenzionali
SLU = Stato limite ultimo
SLR = Stato limite per combinazioni rare
SLF = Stato limite per combinazioni frequenti
SLQ/D = Stato limite per combinazioni quasi permanenti o di danno
S = Sì
N = No

N	Comm.	1	2	3	4	5	6	7	S	SLU	SLR	SLF	SLQ
1	Calcolo sismico	S	S	S	N	N	N	N	S	S	N	N	N
2	Calcolo statico	S	S	S	N	N	N	N	S	S	S	S	S
3	Vento cond A	S	S	S	S	N	N	N	S	S	S	S	S
4	Vento cond B	S	S	S	N	S	N	N	S	S	S	S	S
5	Vento cond C	S	S	S	N	N	S	N	S	S	S	S	S
6	Vento cond D	S	S	S	N	N	N	S	S	S	S	S	S

Elenco combinazioni di carico simboliche

Simbologia
CC = Numero della combinazione delle condizioni di carico elementari
Comm. = Commento
TCC = Tipo di combinazione di carico
SLU = Stato limite ultimo
SLE R = Stato limite d'esercizio, combinazione rara
SLE F = Stato limite d'esercizio, combinazione frequente
SLE Q = Stato limite d'esercizio, combinazione quasi permanente
SLD = Stato limite di danno
SND = Stato limite di salvaguardia della vita (non dissipativo)

CC	Comm.	TCC	1	2	3	4	5	6	7	S
1	Amb. 1 (Sisma)	SLU S	1	1	ψ_2	-----	-----	-----	-----	1
2	Amb. 2 (SLU)	SLU	γ max	γ max	γ max	-----	-----	-----	-----	-----
3	Amb. 2 (SLE R)	SLE R	1	1	1	-----	-----	-----	-----	-----
4	Amb. 2 (SLE F)	SLE F	1	1	ψ_1	-----	-----	-----	-----	-----
5	Amb. 2 (SLE Q)	SLE Q	1	1	ψ_2	-----	-----	-----	-----	-----
6	Amb. 3 (SLU)	SLU	γ max	γ max	ψ_0*γ max	γ max	-----	-----	-----	-----

7	Amb. 3 (SLU)	SLU	γ max	γ max	γ max	ψ_0*γ max	-----	-----	-----	-----
8	Amb. 3 (SLE R)	SLE R	1	1	ψ_0	1	-----	-----	-----	-----
9	Amb. 3 (SLE R)	SLE R	1	1	1	ψ_0	-----	-----	-----	-----
10	Amb. 3 (SLE F)	SLE F	1	1	ψ_2	ψ_1	-----	-----	-----	-----
11	Amb. 3 (SLE F)	SLE F	1	1	ψ_1	ψ_2	-----	-----	-----	-----
12	Amb. 3 (SLE Q)	SLE Q	1	1	ψ_2	ψ_2	-----	-----	-----	-----
13	Amb. 4 (SLU)	SLU	γ max	γ max	ψ_0*γ max	-----	γ max	-----	-----	-----
14	Amb. 4 (SLU)	SLU	γ max	γ max	γ max	-----	ψ_0*γ max	-----	-----	-----
15	Amb. 4 (SLE R)	SLE R	1	1	ψ_0	-----	1	-----	-----	-----
16	Amb. 4 (SLE R)	SLE R	1	1	1	-----	ψ_0	-----	-----	-----
17	Amb. 4 (SLE F)	SLE F	1	1	ψ_2	-----	ψ_1	-----	-----	-----
18	Amb. 4 (SLE F)	SLE F	1	1	ψ_1	-----	ψ_2	-----	-----	-----
19	Amb. 4 (SLE Q)	SLE Q	1	1	ψ_2	-----	ψ_2	-----	-----	-----
20	Amb. 5 (SLU)	SLU	γ max	γ max	ψ_0*γ max	-----	-----	γ max	-----	-----
21	Amb. 5 (SLU)	SLU	γ max	γ max	γ max	-----	-----	ψ_0*γ max	-----	-----
22	Amb. 5 (SLE R)	SLE R	1	1	ψ_0	-----	-----	1	-----	-----
23	Amb. 5 (SLE R)	SLE R	1	1	1	-----	-----	ψ_0	-----	-----
24	Amb. 5 (SLE F)	SLE F	1	1	ψ_2	-----	-----	ψ_1	-----	-----
25	Amb. 5 (SLE F)	SLE F	1	1	ψ_1	-----	-----	ψ_2	-----	-----
26	Amb. 5 (SLE Q)	SLE Q	1	1	ψ_2	-----	-----	ψ_2	-----	-----
27	Amb. 6 (SLU)	SLU	γ max	γ max	ψ_0*γ max	-----	-----	-----	γ max	-----
28	Amb. 6 (SLU)	SLU	γ max	γ max	γ max	-----	-----	-----	ψ_0*γ max	-----
29	Amb. 6 (SLE R)	SLE R	1	1	ψ_0	-----	-----	-----	1	-----
30	Amb. 6 (SLE R)	SLE R	1	1	1	-----	-----	-----	ψ_0	-----
31	Amb. 6 (SLE F)	SLE F	1	1	ψ_2	-----	-----	-----	ψ_1	-----
32	Amb. 6 (SLE F)	SLE F	1	1	ψ_1	-----	-----	-----	ψ_2	-----
33	Amb. 6 (SLE Q)	SLE Q	1	1	ψ_2	-----	-----	-----	ψ_2	-----

Genera le combinazioni con un solo carico di tipo variabile come di base: Sì

Considera sollecitazioni dinamiche con segno dei modi principali: No

Combinazioni delle CCE

Simbologia
An. =Tipo di analisi
L = Lineare
NL = Non lineare
Bk =Buckling
S = Sì
N = No
CC =Numero della combinazione delle condizioni di carico elementari
Comm. =Commento
TCC =Tipo di combinazione di carico
SLU = Stato limite ultimo
SLE R = Stato limite d'esercizio, combinazione rara
SLE F = Stato limite d'esercizio, combinazione frequente
SLE Q = Stato limite d'esercizio, combinazione quasi permanente
SLD = Stato limite di danno
SND = Stato limite di salvaguardia della vita (non dissipativo)

CC	Comm.	TCC	An.	Bk	1	2	3	4	5	6	7	S X	S Y
1	Amb. 1 (SLU S) S +X+0.3Y	SND	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	0.30
2	Amb. 1 (SLE) S +X+0.3Y	SLD	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	0.30
3	Amb. 1 (SLU S) S +X-0.3Y	SND	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	-0.30
4	Amb. 1 (SLE) S +X-0.3Y	SLD	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	-0.30
5	Amb. 1 (SLU S) S -X+0.3Y	SND	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	-1.00	0.30
6	Amb. 1 (SLE) S -X+0.3Y	SLD	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	-1.00	0.30
7	Amb. 1 (SLU S) S -X-0.3Y	SND	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	-1.00	-0.30
8	Amb. 1 (SLE) S -X-0.3Y	SLD	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	-1.00	-0.30
9	Amb. 1 (SLU S) S +0.3X+Y	SND	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.30	1.00
10	Amb. 1 (SLE) S +0.3X+Y	SLD	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.30	1.00
11	Amb. 1 (SLU S) S -0.3X+Y	SND	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	-0.30	1.00
12	Amb. 1 (SLE) S -0.3X+Y	SLD	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	-0.30	1.00
13	Amb. 1 (SLU S) S +0.3X-Y	SND	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.30	-1.00
14	Amb. 1 (SLE) S +0.3X-Y	SLD	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.30	-1.00
15	Amb. 1 (SLU S) S -0.3X-Y	SND	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	-0.30	-1.00
16	Amb. 1 (SLE) S -0.3X-Y	SLD	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	-0.30	-1.00
17	Amb. 2 (SLU)	SLU	L	N	1.30	1.50	1.50	0.00	0.00	0.00	0.00	0.00	0.00
18	Amb. 2 (SLE R)	SLE R	L	N	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00
19	Amb. 2 (SLE F)	SLE F	L	N	1.00	1.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00
20	Amb. 2 (SLE Q)	SLE Q	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	Amb. 3 (SLU)	SLU	L	N	1.30	1.50	0.75	1.50	0.00	0.00	0.00	0.00	0.00
22	Amb. 3 (SLU)	SLU	L	N	1.30	1.50	1.50	0.90	0.00	0.00	0.00	0.00	0.00
23	Amb. 3 (SLE R)	SLE R	L	N	1.00	1.00	0.50	1.00	0.00	0.00	0.00	0.00	0.00
24	Amb. 3 (SLE R)	SLE R	L	N	1.00	1.00	1.00	0.60	0.00	0.00	0.00	0.00	0.00
25	Amb. 3 (SLE F)	SLE F	L	N	1.00	1.00	0.00	0.20	0.00	0.00	0.00	0.00	0.00
26	Amb. 3 (SLE F)	SLE F	L	N	1.00	1.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00
27	Amb. 3 (SLE Q)	SLE Q	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	Amb. 4 (SLU)	SLU	L	N	1.30	1.50	0.75	0.00	1.50	0.00	0.00	0.00	0.00
29	Amb. 4 (SLU)	SLU	L	N	1.30	1.50	1.50	0.00	0.90	0.00	0.00	0.00	0.00
30	Amb. 4 (SLE R)	SLE R	L	N	1.00	1.00	0.50	0.00	1.00	0.00	0.00	0.00	0.00
31	Amb. 4 (SLE R)	SLE R	L	N	1.00	1.00	1.00	0.00	0.60	0.00	0.00	0.00	0.00
32	Amb. 4 (SLE F)	SLE F	L	N	1.00	1.00	0.00	0.00	0.20	0.00	0.00	0.00	0.00
33	Amb. 4 (SLE F)	SLE F	L	N	1.00	1.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00
34	Amb. 4 (SLE Q)	SLE Q	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	Amb. 5 (SLU)	SLU	L	N	1.30	1.50	0.75	0.00	0.00	1.50	0.00	0.00	0.00
36	Amb. 5 (SLU)	SLU	L	N	1.30	1.50	1.50	0.00	0.00	0.90	0.00	0.00	0.00
37	Amb. 5 (SLE R)	SLE R	L	N	1.00	1.00	0.50	0.00	0.00	1.00	0.00	0.00	0.00
38	Amb. 5 (SLE R)	SLE R	L	N	1.00	1.00	1.00	0.00	0.00	0.60	0.00	0.00	0.00
39	Amb. 5 (SLE F)	SLE F	L	N	1.00	1.00	0.00	0.00	0.00	0.20	0.00	0.00	0.00
40	Amb. 5 (SLE F)	SLE F	L	N	1.00	1.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00
41	Amb. 5 (SLE Q)	SLE Q	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
42	Amb. 6 (SLU)	SLU	L	N	1.30	1.50	0.75	0.00	0.00	0.00	1.50	0.00	0.00
43	Amb. 6 (SLU)	SLU	L	N	1.30	1.50	1.50	0.00	0.00	0.00	0.90	0.00	0.00
44	Amb. 6 (SLE R)	SLE R	L	N	1.00	1.00	0.50	0.00	0.00	0.00	1.00	0.00	0.00
45	Amb. 6 (SLE R)	SLE R	L	N	1.00	1.00	1.00	0.00	0.00	0.00	0.60	0.00	0.00
46	Amb. 6 (SLE F)	SLE F	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.20	0.00	0.00

47	Amb. 6 (SLE F)	SLE F	L	N	1.00	1.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00
48	Amb. 6 (SLE Q)	SLE Q	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Elenco masse nodi

Simbologia
Mo = Massa orizzontale
Nodo = Numero del nodo

Nodo	Mo <kg>	Nodo	Mo <kg>	Nodo	Mo <kg>	Nodo	Mo <kg>	Nodo	Mo <kg>	Nodo	Mo <kg>	Nodo	Mo <kg>	Nodo	Mo <kg>	Nodo	Mo <kg>	Nodo	Mo <kg>
-104	67.23	-103	67.23	-102	67.23	-101	67.23	-100	44.85	-99	44.85	-98	67.23	-97	67.23	-96	67.23	-95	67.23	-94	67.23
-93	67.23	-92	67.23	-91	67.23	-90	67.23	-89	67.23	-88	67.23	-87	67.23	-86	67.23	-85	67.23	-84	67.23	-83	67.23
-82	67.23	-81	67.23	-80	67.23	-79	67.23	-78	67.23	-77	67.23	-76	67.23	-75	67.23	-74	67.23	-73	67.23	-72	67.23
-71	67.23	-70	67.23	-69	67.23	-68	67.23	-67	67.23	-66	67.23	-65	44.85	-64	67.23	-63	44.85	-62	67.23	-61	67.23
-60	44.85	-59	44.85	-58	67.23	-57	67.23	-56	67.23	-55	67.23	-54	67.23	-53	67.23	-52	67.23	-51	44.85	-50	44.85
-49	67.23	-48	67.23	-47	67.23	-46	67.23	-45	67.23	-44	67.23	-43	67.23	-42	67.23	-41	67.23	-38	98.18	-37	138.14
-36	129.28	-35	131.89	-34	151.43	-33	151.43	-32	129.75	-31	129.28	-30	140.28	-29	151.43	-28	151.43	-27	151.43	-26	140.15
-25	129.88	-24	151.43	-23	151.43	-22	151.43	-21	103.10	-20	103.10	-19	151.43	-18	151.43	-17	151.43	-16	129.88	-15	140.15
-14	151.43	-13	151.43	-12	151.43	-11	140.28	-10	129.28	-9	129.75	-8	151.43	-7	151.43	-6	131.89	-5	129.28	-4	138.14
-3	98.18	203	129.28	204	106.28	205	129.28														

Totali masse nodi

Mo <kg>
9450.93

Elenco forze sismiche nodali allo SLD

Simbologia
Fx = Forza in dir. X
Fy = Forza in dir. Y
Nodo = Numero del nodo
cx = Coeff. c in dir. X
cy = Coeff. c in dir. Y

Nodo	cx	cy	Fx <daN>	Fy <daN>	Nodo	cx	cy	Fx <daN>	Fy <daN>	Nodo	cx	cy	Fx <daN>	Fy <daN>	Nodo	cx	cy	Fx <daN>	Fy <daN>	Nodo	cx	cy	Fx <daN>	Fy <daN>
-104	0.01	0.01	19.13	19.13	-103	0.00	0.00	8.75	8.75	-102	0.00	0.00	8.75	8.75	-101	0.01	0.01	19.13	19.13	-100	0.01	0.01	12.76	12.76
-99	0.00	0.00	5.84	5.84	-98	0.00	0.00	8.75	8.75	-97	0.00	0.00	8.75	8.75	-96	0.00	0.00	8.75	8.75	-95	0.01	0.01	19.13	19.13
-94	0.01	0.01	19.13	19.13	-93	0.01	0.01	19.13	19.13	-92	0.00	0.00	8.75	8.75	-91	0.01	0.01	19.13	19.13	-90	0.00	0.00	8.75	8.75
-89	0.00	0.00	8.75	8.75	-88	0.01	0.01	19.13	19.13	-87	0.01	0.01	19.13	19.13	-86	0.00	0.00	8.75	8.75	-85	0.00	0.00	8.75	8.75
-84	0.01	0.01	19.13	19.13	-83	0.00	0.00	8.75	8.75	-82	0.01	0.01	19.13	19.13	-81	0.00	0.00	8.75	8.75	-80	0.01	0.01	19.13	19.13
-79	0.00	0.00	8.75	8.75	-78	0.01	0.01	19.13	19.13	-77	0.00	0.00	8.75	8.75	-76	0.01	0.01	19.13	19.13	-75	0.01	0.01	19.13	19.13
-74	0.00	0.00	8.75	8.75	-73	0.01	0.01	19.13	19.13	-72	0.00	0.00	8.75	8.75	-71	0.01	0.01	19.13	19.13	-70	0.00	0.00	8.75	8.75
-69	0.00	0.00	8.75	8.75	-68	0.01	0.01	19.13	19.13	-67	0.01	0.01	19.13	19.13	-66	0.00	0.00	8.75	8.75	-65	0.01	0.01	12.76	12.76
-64	0.01	0.01	19.13	19.13	-63	0.00	0.00	5.84	5.84	-62	0.01	0.01	19.13	19.13	-61	0.00	0.00	8.75	8.75	-60	0.00	0.00	5.84	5.84
-59	0.01	0.01	12.76	12.76	-58	0.01	0.01	19.13	19.13	-57	0.00	0.00	8.75	8.75	-56	0.01	0.01	19.13	19.13	-55	0.00	0.00	8.75	8.75
-54	0.01	0.01	19.13	19.13	-53	0.00	0.00	8.75	8.75	-52	0.01	0.01	19.13	19.13	-51	0.00	0.00	5.84	5.84	-50	0.01	0.01	12.76	12.76
-49	0.01	0.01	19.13	19.13	-48	0.00	0.00	8.75	8.75	-47	0.00	0.00	8.75	8.75	-46	0.01	0.01	19.13	19.13	-45	0.00	0.00	8.75	8.75
-44	0.01	0.01	19.13	19.13	-43	0.00	0.00	8.75	8.75	-42	0.01	0.01	19.13	19.13	-41	0.00	0.00	8.75	8.75	-38	0.01	0.01	20.35	20.35
-37	0.01	0.01	28.64	28.64	-36	0.01	0.01	26.80	26.80	-35	0.01	0.01	27.34	27.34	-34	0.02	0.02	31.39	31.39	-33	0.02	0.02	31.39	31.39
-32	0.01	0.01	26.90	26.90	-31	0.01	0.01	26.80	26.80	-30	0.01	0.01	29.08	29.08	-29	0.02	0.02	31.39	31.39	-28	0.02	0.02	31.39	31.39
-27	0.02	0.02	31.39	31.39	-26	0.01	0.01	29.05	29.05	-25	0.01	0.01	26.92	26.92	-24	0.02	0.02	31.39	31.39	-23	0.02	0.02	31.39	31.39
-22	0.02	0.02	31.39	31.39	-21	0.01	0.01	21.37	21.37	-20	0.01	0.01	21.37	21.37	-19	0.02	0.02	31.39	31.39	-18	0.02	0.02	31.39	31.39
-17	0.02	0.02	31.39	31.39	-16	0.01	0.01	26.92	26.92	-15	0.01	0.01	29.05	29.05	-14	0.02	0.02	31.39	31.39	-13	0.02	0.02	31.39	31.39
-12	0.02	0.02	31.39	31.39	-11	0.01	0.01	29.08	29.08	-10	0.01	0.01	26.80	26.80	-9	0.01	0.01	26.90	26.90	-8	0.02	0.02	31.39	31.39
-7	0.02	0.02	31.39	31.39	-6	0.01	0.01	27.34	27.34	-5	0.01	0.01	26.80	26.80	-4	0.01	0.01	28.64	28.64	-3	0.01	0.01	20.35	20.35
203	0.01	0.01	26.80	26.80	204	0.01	0.01	22.03	22.03	205	0.01	0.01	26.80	26.80										

Totali forze sismiche

Fx <daN>	Fy <daN>
1959.23	1959.23

Elenco forze sismiche nodali allo SND

Nodo	cx	cy	Fx <daN>	Fy <daN>	Nodo	cx	cy	Fx <daN>	Fy <daN>	Nodo	cx	cy	Fx <daN>	Fy <daN>	Nodo	cx	cy	Fx <daN>	Fy <daN>	Nodo	cx	cy	Fx <daN>	Fy <daN>
-104	0.01	0.01	46.60	46.60	-103	0.00	0.00	21.32	21.32	-102	0.00	0.00	21.32	21.32	-101	0.01	0.01	46.60	46.60	-100	0.01	0.01	31.09	31.09
-99	0.00	0.00	14.22	14.22	-98	0.00	0.00	21.32	21.32	-97	0.00	0.00	21.32	21.32	-96	0.00	0.00	21.32	21.32	-95	0.01	0.01	46.60	46.60
-94	0.01	0.01	46.60	46.60	-93	0.01	0.01	46.60	46.60	-92	0.00	0.00	21.32	21.32	-91	0.01	0.01	46.60	46.60	-90	0.00	0.00	21.32	21.32
-89	0.00	0.00	21.32	21.32	-88	0.01	0.01	46.60	46.60	-87	0.01	0.01	46.60	46.60	-86	0.00	0.00	21.32	21.32	-85	0.00	0.00	21.32	21.32
-84	0.01	0.01	46.60	46.60	-83	0.00	0.00	21.32	21.32	-82	0.01	0.01	46.60	46.60	-81	0.00	0.00	21.32	21.32	-80	0.01	0.01	46.60	46.60
-79	0.00	0.00	21.32	21.32	-78	0.01	0.01	46.60	46.60	-77	0.00	0.00	21.32	21.32	-76	0.01	0.01	46.60	46.60	-75	0.01	0.01	46.60	46.60
-74	0.00	0.00	21.32	21.32	-73	0.01	0.01	46.60	46.60	-72	0.00	0.00	21.32	21.32	-71	0.01	0.01	46.60	46.60	-70	0.00	0.00	21.32	21.32
-69	0.00	0.00	21.32	21.32	-68	0.01	0.01	46.60	46.60	-67	0.01	0.01	46.60	46.60	-66	0.00	0.00	21.32	21.32	-65	0.01	0.01	31.09	31.09
-64	0.01	0.01	46.60	46.60	-63	0.00	0.00	14.22	14.22	-62	0.01	0.01	46.60	46.60	-61	0.00	0.00	21.32	21.32	-60	0.00	0.00	14.22	14.22
-59	0.01	0.01	31.09	31.09	-58	0.01	0.01	46.60	46.60	-57	0.00	0.00	21.32	21.32	-56	0.01	0.01	46.60	46.60	-55	0.00	0.00	21.32	21.32
-54	0.01	0.01	46.60	46.60	-53	0.00	0.00	21.32	21.32	-52	0.01	0.01	46.60	46.60	-51	0.00	0.00	14.22	14.22	-50	0.01	0.01	31.09	31.09
-49	0.01	0.01	46.60	46.60	-48	0.00	0.00	21.32	21.32	-47	0.00	0.00	21.32	21.32	-46	0.01	0.01	46.60	46.60	-45	0.00	0.00	21.32	21.32
-44	0.01	0.01	46.60	46.60	-43	0.00	0.00	21.32	21.32	-42	0.01	0.01	46.60	46.60	-41	0.00	0.00	21.32	21.32	-38	0.01	0.01	49.60	49.60
-37	0.01	0.01	69.78	69.78	-36	0.01	0.01	65.31	65.31	-35	0.01	0.01	66.63	66.63	-34	0.02	0.02	76.49	76.49	-33	0.02	0.02	76.49	76.49
-32	0.01	0.01	65.54	65.54	-31	0.01	0.01	65.31	65.31	-30	0.01	0.01	70.87	70.87	-29	0.02	0.02	76.49	76.49	-28	0.02	0.02	76.49	76.49
-27	0.02	0.02	76.49	76.49	-26	0.01	0.01	70.80	70.80	-25	0.01	0.01	65.61	65.61	-24	0.02	0.02	76.49	76.49	-23	0.02	0.02	76.49	76.49
-22	0.02	0.02	76.49	76.49	-21	0.01	0.01	52.08	52.08	-20	0.01	0.01	52.08	52.08	-19	0.02	0.02	76.49	76.49	-18	0.02	0.02	76.49	76.49
-17	0.02	0.02	76.49	76.49	-16	0.01	0.01	65.61	65.61	-15	0.01	0.01	70.80	70.80	-14	0.02	0.02	76.49	76.49	-13	0.02	0.02	76.49	76.49
-12	0.02	0.02	76.49	76.49	-11	0.01	0.01	70.87	70.87	-10	0.01	0.01	65.31	65.31	-9	0.01	0.01	65.54	65.54	-8	0.02	0.02	76.49	76.49
-7	0.02	0.02	76.49	76.49	-6	0.01	0.01	66.63	66.63	-5	0.01	0.01	65.31	65.31	-4	0.01	0.01	69.78	69.78	-3	0.01	0.01	49.60	49.60
203	0.01	0.01	65.31	65.31	204	0.01	0.01	53.69	53.69	205	0.01	0.01	65.31	65.31										

Totali forze sismiche

Fx <daN>	Fy <daN>
4774.23	4774.23

Domanda in duttilità di curvatura

Direzione X μ_{EdX}=1.20
Direzione Y μ_{EdY}=1.20

Reazioni vincolari

Simbologia
CC = Numero della combinazione delle condizioni di carico elementari
Fx = Reazione vincolare (forza) in dir. X
Fy = Reazione vincolare (forza) in dir. Y
Fz = Reazione vincolare (forza) in dir. Z
Mx = Reazione vincolare (momento) intorno all'asse X
My = Reazione vincolare (momento) intorno all'asse Y
Mz = Reazione vincolare (momento) intorno all'asse Z
Nodo = Numero del nodo
TCC = Tipo di combinazione di carico
SLU = Stato limite ultimo
SLE R = Stato limite d'esercizio, combinazione rara
SLE F = Stato limite d'esercizio, combinazione frequente
SLE Q = Stato limite d'esercizio, combinazione quasi permanente
SLD = Stato limite di danno
SND = Stato limite di salvaguardia della vita (non dissipativo)

Nodo		CC	TCC	Fx <daN>	CC	TCC	Fy <daN>	CC	TCC	Fz <daN>	CC	TCC	Mx <daNm>	CC	TCC	My <daNm>	CC	TCC	Mz <daNm>
1	Max	5	SND	532.37	21	SLU	2116.46	28	SLU	2804.14	28	SLU	5046.51	5	SND	1098.19	1	SND	0.14
1	Min	1	SND	-651.83	28	SLU	-1491.03	21	SLU	284.49	21	SLU	-7163.35	7	SND	-1228.40	1	SND	-0.14
2	Max	5	SND	838.48	21	SLU	2893.27	28	SLU	3654.04	28	SLU	6637.20	5	SND	1432.41	21	SLU	1.97
2	Min	1	SND	-644.05	28	SLU	-2038.28	21	SLU	185.86	21	SLU	-9421.30	28	SLU	-1220.23	1	SND	-1.39
3	Max	5	SND	633.78	21	SLU	3151.63	28	SLU	3978.31	28	SLU	7224.05	5	SND	1209.36	28	SLU	0.85
3	Min	1	SND	-754.78	28	SLU	-2220.28	21	SLU	199.06	21	SLU	-10254.30	21	SLU	-1341.31	1	SND	-1.21
4	Max	5	SND	718.93	21	SLU	2578.76	28	SLU	3369.62	28	SLU	6126.94	5	SND	1302.25	1	SND	0.00
4	Min	1	SND	-718.93	28	SLU	-1816.71	21	SLU	344.91	21	SLU	-8696.99	7	SND	-1302.25	1	SND	-0.00
5	Max	5	SND	754.78	21	SLU	3151.63	28	SLU	3978.30	28	SLU	7224.05	5	SND	1341.31	21	SLU	1.21
5	Min	1	SND	-633.78	28	SLU	-2220.29	21	SLU	199.06	21	SLU	-10254.30	28	SLU	-1209.36	1	SND	-0.85
6	Max	5	SND	644.05	21	SLU	2893.27	28	SLU	3654.04	28	SLU	6637.20	5	SND	1220.23	28	SLU	1.39
6	Min	1	SND	-838.48	28	SLU	-2038.27	21	SLU	185.86	21	SLU	-9421.29	21	SLU	-1432.41	1	SND	-1.97
7	Max	5	SND	651.83	21	SLU	2116.47	28	SLU	2804.15	28	SLU	5046.51	5	SND	1228.40	3	SND	0.14
7	Min	1	SND	-532.37	28	SLU	-1491.03	21	SLU	284.48	21	SLU	-7163.36	5	SND	-1098.19	1	SND	-0.14

Sollecitazioni aste

Simbologia
Asta = Numero dell'asta
CC = Numero della combinazione delle condizioni di carico elementari
Mx = Momento torcente intorno all'asse X
My = Momento flettente intorno all'asse Y
Mz = Momento flettente intorno all'asse Z
N = Sforzo normale
N1 = Nodo1
N2 = Nodo2
Ty = Taglio in dir. Y
Tz = Taglio in dir. Z
X = Coordinata progressiva rispetto al nodo iniziale

Tipo di combinazione di carico: SND

Asta	N1	N2		X <cm>	N <daN>	CC	Ty <daN>	CC	Mz <daNm>	CC	Tz <daN>	CC	My <daNm>	CC	Mx <daNm>	CC
1	1	-5	Max	0.00	-852.25	1	532.37	5	1228.40	1	573.40	15	2038.77	9	0.14	7
1	1	-5	Max	330.00	-663.01	1	532.37	5	658.64	5	573.40	15	150.66	11	0.14	7
1	1	-5	Min.	0.00	-1515.13	5	-651.83	1	-1098.19	5	-573.40	9	-2038.76	15	-0.14	1
1	1	-5	Min.	330.00	-1325.90	5	-651.83	1	-922.64	1	-573.40	9	-150.66	13	-0.14	1
2	2	-10	Max	0.00	-1287.17	5	838.48	5	1220.23	1	703.18	13	2439.50	11	0.46	9
2	2	-10	Max	330.00	-1097.94	5	838.48	5	1334.58	5	703.18	13	123.43	9	0.46	9
2	2	-10	Min.	0.00	-1654.92	1	-644.05	1	-1432.41	5	-703.18	11	-2439.49	13	-0.46	15
2	2	-10	Min.	330.00	-1465.68	1	-644.05	1	-905.13	1	-703.18	11	-123.42	15	-0.46	15
3	3	203	Max	0.00	-1542.39	1	633.78	5	1341.31	1	776.99	13	2684.76	11	0.24	13
3	3	203	Max	330.00	-1353.16	1	633.78	5	882.11	5	776.99	13	120.70	11	0.24	13
3	3	203	Min.	0.00	-1658.24	5	-754.78	1	-1209.36	5	-776.99	11	-2684.76	13	-0.24	11
3	3	203	Min.	330.00	-1469.01	5	-754.78	1	-1149.47	1	-776.99	11	-120.70	13	-0.24	11
4	4	204	Max	0.00	-1423.57	1	718.93	1	1302.25	5	685.95	9	2435.81	13	0.00	7
4	4	204	Max	330.00	-1234.34	1	718.93	1	1070.22	1	685.95	9	172.18	15	0.00	7
4	4	204	Min.	0.00	-1423.57	1	-718.93	5	-1302.25	1	-685.95	13	-2435.81	9	-0.00	1
4	4	204	Min.	330.00	-1234.34	1	-718.93	5	-1070.22	5	-685.95	13	-172.18	9	-0.00	1
5	5	205	Max	0.00	-1542.39	5	633.78	1	1341.31	5	776.99	9	2684.76	15	0.24	9
5	5	205	Max	330.00	-1353.16	5	633.78	1	882.11	1	776.99	9	120.70	15	0.24	9
5	5	205	Min.	0.00	-1658.24	1	-754.78	5	-1209.36	1	-776.99	15	-2684.76	9	-0.24	15
5	5	205	Min.	330.00	-1469.01	1	-754.78	5	-1149.47	5	-776.99	15	-120.70	9	-0.24	15
6	6	-31	Max	0.00	-1287.17	1	838.48	1	1220.23	5	703.18	9	2439.49	15	0.46	13
6	6	-31	Max	330.00	-1097.94	1	838.48	1	1334.59	1	703.18	9	123.43	13	0.46	13
6	6	-31	Min.	0.00	-1654.92	5	-644.05	5	-1432.41	1	-703.18	15	-2439.49	9	-0.46	11
6	6	-31	Min.	330.00	-1465.68	5	-644.05	5	-905.13	5	-703.18	15	-123.43	11	-0.46	11
7	7	-36	Max	0.00	-852.25	5	532.37	1	1228.40	5	573.40	11	2038.77	13	0.14	5
7	7	-36	Max	330.00	-663.01	5	532.37	1	658.63	1	573.40	11	150.66	15	0.14	5
7	7	-36	Min.	0.00	-1515.13	1	-651.83	5	-1098.19	1	-573.40	13	-2038.77	11	-0.14	3
7	7	-36	Min.	330.00	-1325.90	1	-651.83	5	-922.65	5	-573.40	13	-150.66	9	-0.14	3
201	-4	-3	Max	0.00	94.91	5	94.91	9	131.09	15	216.51	1	-225.38	1	20.73	9
201	-4	-3	Max	133.53	94.91	5	94.91	9	14.52	5	152.11	1	20.73	1	20.73	9
201	-4	-3	Min.	0.00	-94.91	1	-94.91	13	-131.09	9	216.51	1	-266.84	5	-20.73	13
201	-4	-3	Min.	133.53	-94.91	1	-94.91	13	-14.52	3	152.11	1	-20.73	5	-20.73	13
201	-5	-4	Max	0.00	232.61	5	232.61	9	322.46	15	470.88	1	-553.27	1	51.80	9
201	-5	-4	Max	79.47	232.61	5	232.61	9	137.62	15	432.55	1	-194.31	1	51.80	9
201	-5	-4	Min.	0.00	-232.61	1	-232.61	13	-322.46	9	470.88	1	-656.88	5	-51.80	13
201	-5	-4	Min.	79.47	-232.61	1	-232.61	13	-137.62	9	432.55	1	-297.92	5	-51.80	13
201	-6	-5	Max	0.00	353.92	1	275.48	15	173.39	15	-166.06	1	466.20	1	98.85	13
201	-6	-5	Max	54.07	353.92	1	275.48	15	322.33	15	-192.13	1	369.37	1	98.85	13
201	-6	-5	Min.	0.00	-234.46	5	-275.48	9	-173.39	9	-828.94	5	-860.28	5	-98.85	11
201	-6	-5	Min.	54.07	-234.46	5	-275.48	9	-322.33	9	-855.02	5	-1315.51	5	-98.85	11
201	-7	-6	Max	0.00	219.37	1	140.94	15	16.89	5	114.39	1	387.53	1	67.78	13
201	-7	-6	Max	133.53	219.37	1	140.94	15	179.91	15	49.98	1	497.28	1	67.78	13
201	-7	-6	Min.	0.00	-99.91	7	-140.94	9	-16.89	3	-548.49	5	-115.93	5	-67.78	11
201	-7	-6	Min.	133.53	-99.91	7	-140.94	9	-179.91	9	-612.90	5	-891.36	5	-67.78	11
201	-8	-7	Max	0.00	74.96	1	27.02	5	3.74	7	394.83	1	253.92	5	36.71	13
201	-8	-7	Max	133.53	74.96	1	27.02	5	38.65	5	330.43	1	418.60	1	36.71	13
201	-8	-7	Min.	0.00	44.50	7	-27.02	3	-3.74	1	-268.05	5	-65.63	1	-36.71	11
201	-8	-7	Min.	133.53	44.50	7	-27.02	3	-38.65	3	-332.45	5	-147.01	5	-36.71	11
201	-9	-8	Max	0.00	188.92	5	162.19	11	211.05	13	675.28	1	249.29	5	7.91	3

201	-9	-8	Max	25.71					-51.52	5			250.88	5		
201	-9	-8	Max	133.53	188.92	5	162.19	11	25.49	7	610.88	1	222.85	5	7.91	3
201	-9	-8	Min.	0.00	-69.46	3	-162.19	13	-211.05	11	12.40	5	-893.28	1	-7.91	5
201	-9	-8	Min.	25.71					-51.52	5			250.88	5		
201	-9	-8	Min.	133.53	-69.46	3	-162.19	13	-25.49	1	-52.00	5	-34.56	1	-7.91	5
201	-10	-9	Max	0.00	322.38	5	295.65	11	340.98	15	913.19	1	109.70	5	29.54	9
201	-10	-9	Max	45.33	322.38	5	295.65	11	213.43	15	891.33	1	218.22	5	29.54	9
201	-10	-9	Min.	0.00	-202.92	1	-295.65	13	-340.98	9	250.31	5	-1271.24	1	-29.54	15
201	-10	-9	Min.	45.33	-202.92	1	-295.65	13	-213.43	9	228.44	5	-862.21	1	-29.54	15
202	-11	-10	Max	0.00	375.82	1	352.10	15	37.17	13	-509.95	1	102.44	1	93.88	15
202	-11	-10	Max	88.20	375.82	1	352.10	15	341.44	15	-552.49	1	-366.11	1	93.88	15
202	-11	-10	Min.	0.00	-450.80	7	-352.10	9	-37.17	11	-805.09	5	-496.03	5	-93.89	9
202	-11	-10	Min.	88.20	-450.80	7	-352.10	9	-341.44	9	-847.63	5	-1224.88	5	-93.89	9
202	-12	-11	Max	0.00	237.04	1	213.31	15	247.43	9	-229.51	1	482.98	1	62.81	15
202	-12	-11	Max	133.53	237.04	1	213.31	15	37.42	15	-293.91	1	133.51	1	62.81	15
202	-12	-11	Min.	0.00	-312.01	7	-213.31	9	-247.43	15	-524.64	5	216.46	5	-62.81	9
202	-12	-11	Min.	133.53	-312.01	7	-213.31	9	-37.42	9	-589.05	5	-527.11	5	-62.81	9
202	-13	-12	Max	0.00	92.63	1	68.90	15	332.90	9	50.94	1	554.48	5	31.74	15
202	-13	-12	Max	105.61					72.16	1			515.93	1		
202	-13	-12	Max	133.53	92.63	1	68.90	15	247.53	11	-13.47	1	514.05	1	31.74	15
202	-13	-12	Min.	0.00	-167.60	7	-68.90	9	-332.90	15	-244.20	5	489.03	1	-31.74	9
202	-13	-12	Min.	105.61					72.16	1			515.93	1		
202	-13	-12	Min.	133.53	-167.60	7	-68.90	9	-247.53	13	-308.60	5	185.39	5	-31.74	9
202	-14	-13	Max	0.00	-23.18	5	85.39	11	225.54	9	331.38	1	518.00	5	0.67	7
202	-14	-13	Max	75.16					86.01	5			531.62	5		
202	-14	-13	Max	133.53	-23.18	5	85.39	11	332.87	11	266.98	1	523.40	5	0.67	7
202	-14	-13	Min.	0.00	-51.79	3	-85.39	13	-225.54	15	36.25	5	120.60	1	-0.67	1
202	-14	-13	Min.	75.16					86.01	5			531.62	5		
202	-14	-13	Min.	133.53	-51.79	3	-85.39	13	-332.87	13	-28.15	5	520.11	1	-0.67	1
202	-15	-14	Max	0.00	121.23	5	229.81	11	81.50	13	611.83	1	107.03	5	30.72	11
202	-15	-14	Max	133.53	121.23	5	229.81	11	225.37	11	547.43	1	486.92	5	30.72	11
202	-15	-14	Min.	0.00	-196.20	3	-229.81	13	-81.50	11	316.70	5	-622.32	1	-30.72	13
202	-15	-14	Min.	133.53	-196.20	3	-229.81	13	-225.37	13	252.29	5	151.67	1	-30.72	13
202	203	-15	Max	0.00	259.95	5	368.53	11	398.04	13	870.16	1	-409.62	5	61.80	11
202	203	-15	Max	87.67	259.95	5	368.53	11	81.19	15	827.87	1	75.95	5	61.80	11
202	203	-15	Min.	0.00	-334.92	3	-368.53	13	-398.04	11	575.02	5	-1335.56	1	-61.80	13
202	203	-15	Min.	87.67	-334.92	3	-368.53	13	-81.19	9	532.74	5	-591.25	1	-61.80	13
203	-16	203	Max	0.00	354.56	1	352.91	15	240.40	13	-460.88	1	30.39	1	58.97	15
203	-16	203	Max	45.87	354.56	1	352.91	15	397.79	13	-483.00	1	-186.07	1	58.97	15
203	-16	203	Min.	0.00	-308.53	7	-352.91	9	-240.40	11	-871.86	5	-886.73	5	-58.97	9
203	-16	203	Min.	45.87	-308.53	7	-352.91	9	-397.79	11	-893.98	5	-1291.70	5	-58.97	9
203	-17	-16	Max	0.00	221.03	1	219.38	15	52.92	9	-180.43	1	345.40	1	27.90	15
203	-17	-16	Max	133.53	221.03	1	219.38	15	240.03	15	-244.84	1	61.46	1	27.90	15
203	-17	-16	Min.	0.00	-175.00	7	-219.38	9	-52.92	15	-591.42	5	-85.09	5	-27.90	9
203	-17	-16	Min.	133.53	-175.00	7	-219.38	9	-240.03	9	-655.82	5	-917.82	5	-27.90	9
203	-18	-17	Max	0.00	76.62	1	74.96	15	146.49	9	100.01	1	342.08	5	3.25	11
203	-18	-17	Max	133.53	76.62	1	74.96	15	52.57	11	35.61	1	376.47	1	3.25	11
203	-18	-17	Min.	0.00	-30.58	7	-74.96	9	-146.49	15	-310.97	5	285.92	1	-3.25	13
203	-18	-17	Min.	133.53	-30.58	7	-74.96	9	-52.57	13	-375.38	5	-116.17	5	-3.25	13
203	-19	-18	Max	0.00	113.83	5	79.20	11	47.22	9	380.46	1	394.77	5	34.32	11
203	-19	-18	Max	133.53	113.83	5	79.20	11	146.18	11	316.06	1	316.97	1	34.32	11
203	-19	-18	Min.	0.00	-67.80	3	-79.20	13	-47.22	15	-30.52	5	-148.07	1	-34.32	13
203	-19	-18	Min.	133.53	-67.80	3	-79.20	13	-146.18	13	-94.93	5	311.01	5	-34.32	13
203	-20	-19	Max	0.00	258.24	5	223.61	11	251.64	13	660.91	1	72.97	5	65.39	11
203	-20	-19	Max	133.53	258.24	5	223.61	11	46.96	11	596.50	1	363.70	5	65.39	11
203	-20	-19	Min.	0.00	-212.21	3	-223.61	13	-251.64	11	249.92	5	-956.51	1	-65.39	13
203	-20	-19	Min.	133.53	-212.21	3	-223.61	13	-46.96	13	185.52	5	-116.98	1	-65.39	13
203	204	-20	Max	0.00	355.64	5	321.00	11	311.49	15	822.66	1	-29.13	7	86.12	11
203	204	-20	Max	20.00	355.64	5	321.00	11	249.24	15	813.01	1	52.24	5	86.12	11
203	204	-20	Min.	0.00	-309.60	3	-321.00	13	-311.49	9	411.68	5	-1099.35	1	-86.12	13
203	204	-20	Min.	20.00	-309.60	3	-321.00	13	-249.24	9	402.03	5	-935.78	1	-86.12	13
204	204	-21	Max	0.00	355.64	1	321.00	15	311.49	11	822.66	5	-29.13	1	86.12	15
204	204	-21	Max	20.00	355.64	1	321.00	15	249.24	11	813.01	5	52.24	1	86.12	15
204	204	-21	Min.	0.00	-309.60	7	-321.00	9	-311.49	13	411.68	1	-1099.35	5	-86.12	9
204	204	-21	Min.	20.00	-309.60	7	-321.00	9	-249.24	13	402.03	1	-935.78	5	-86.12	9
204	-21	-22	Max	0.00	258.24	1	223.61	15	251.64	9	660.91	5	72.97	1	65.39	15
204	-21	-22	Max	133.53	258.24	1	223.61	15	46.96	15	596.50	5	363.70	1	65.39	15
204	-21	-22	Min.	0.00	-212.21	7	-223.61	9	-251.64	15	249.92	1	-956.51	5	-65.39	9
204	-21	-22	Min.	133.53	-212.21	7	-223.61	9	-46.96	9	185.52	1	-116.98	5	-65.39	9
204	-22	-23	Max	0.00	113.83	1	79.20	15	47.22	13	380.46	5	394.77	1	34.32	15
204	-22	-23	Max	133.53	113.83	1	79.20	15	146.18	15	316.06	5	316.97	5	34.32	15
204	-22	-23	Min.	0.00	-67.80	7	-79.20	9	-47.22	11	-30.52	1	-148.07	5	-34.32	9
204	-22	-23	Min.	133.53	-67.80	7	-79.20	9	-146.18	9	-94.93	1	311.01	1	-34.32	9
204	-23	-24	Max	0.00	76.62	5	74.96	11	146.49	13	100.01	5	342.08	1	3.25	15
204	-23	-24	Max	133.53	76.62	5	74.96	11	52.57	15	35.61	5	376.47	5	3.25	15
204	-23	-24	Min.	0.00	-30.58	3	-74.96	13	-146.49	11	-310.97	1	285.92	5	-3.25	9
204	-23	-24	Min.	133.53	-30.58	3	-74.96	13	-52.57	9	-375.38	1	-116.17	1	-3.25	9
204	-24	-25	Max	0.00	221.03	5	219.38	11	52.92	13	-180.43	5	345.39	5	27.90	11
204	-24	-25	Max	133.53	221.03	5	219.38	11	240.03	11	-244.84	5	61.46	5	27.90	11
204	-24	-25	Min.	0.00	-175.00	3	-219.38	13	-52.92	11	-591.42	1	-85.09	1	-27.90	13
204	-24	-25	Min.	133.53	-175.00	3	-219.38	13	-240.03	13	-655.82	1	-917.83	1	-27.90	13
204	-25	205	Max	0.00	354.56	5	352.91	11	240.40	9	-460.88	5	30.39	7	58.97	11
204	-25	205	Max	45.87	354.56	5	352.91	11	397.80	9	-483.00	5	-186.07	5	58.97	11
204	-25	205	Min.	0.00	-308.52	3	-352.91	13	-240.40	15	-871.86	1	-886.73	1	-58.97	13
204	-25	205	Min.	45.87	-308.52	3	-352.91	13	-397.80	15	-893.98	1	-1291.70	1	-58.97	13
205	205	-26	Max	0.00	259.95	1	368.53	15	398.05	9	870.16	5	-409.62	1	61.80	15
205	205	-26	Max	87.67	259.95	1	368.53	15	81.19	11	827.87	5	75.95	1	61.80	15
205	205	-26	Min.	0.00	-334.92	5	-368.53	9	-398.05	15	575.02	1	-1335.56	5	-61.80	9
205	205	-26	Min.	87.67	-334.92	5	-368.53	9	-81.19	13	532.74	1	-591.26	5	-61.80	9
205	-26	-27	Max	0.00	121.23	1	229.81	15	81.49	9	611.83	5	107.04	1	30.72	15
205	-26	-27	Max	133.53	121.23	1	229.81	15	225.38	15	547.43	5	486.93	1	30.72	15
205	-26	-27	Min.	0.00	-196.20	7	-229.81	9	-81.49	15	316.69	1	-622.30	5	-30.72	9
205	-26	-27	Min.	133.53	-196.20	7	-229.81	9	-225.38	9	252.29	1	151.69	5	-30.72	9
205	-27	-28	Max	0.00	-23.19	1	85.39	15	225.54	13	331.38	5	518.00	1	0.67	5
205	-27	-28	Max	75.16					-86.02	1			531.62	1		
205	-27	-28	Max	133.53	-23.19	1	85.39	15	332.88	15	266.98	5	523.40	1	0.67	5
205	-27	-28	Min.	0.00	-51.79	7	-85.39	9	-225.54	11	36.25	1	120.60	5	-0.67	3
205	-27	-28	Min.	75.16					-86.02	1			531.62	1		
205	-27	-28	Min.	133.53	-51.79	7	-85.39	9	-332.88	9	-28.15	1	520.11	5	-0.67	3
205	-28	-29	Max	0.00	92.63	5	68.90	11	332.90	13	50.94	5	554.48	1	31.74	11
205	-28	-29	Max	105.62					-72.16	5			515.93	5		

205	-28	-29	Max	133.53	92.63	5	68.90	11	247.53	15	-13.46	5	514.05	5	31.74	11
205	-28	-29	Min.	0.00	-167.60	3	-68.90	13	-332.91	11	-244.19	1	489.03	5	-31.74	13
205	-28	-29	Min.	105.62					-72.16	5			515.93	5		
205	-28	-29	Min.	133.53	-167.60	3	-68.90	13	-247.53	9	-308.60	1	185.40	1	-31.74	13
205	-29	-30	Max	0.00	237.04	5	213.31	11	247.42	13	-229.51	5	482.97	5	62.81	11
205	-29	-30	Max	133.53	237.04	5	213.31	11	37.42	11	-293.91	5	133.50	5	62.81	11
205	-29	-30	Min.	0.00	-312.01	1	-213.31	13	-247.42	11	-524.64	1	216.45	1	-62.81	13
205	-29	-30	Min.	133.53	-312.01	1	-213.31	13	-37.42	13	-589.05	1	-527.12	1	-62.81	13
205	-30	-31	Max	0.00	375.83	5	352.10	11	37.17	9	-509.95	5	102.44	5	93.89	11
205	-30	-31	Max	88.20	375.83	5	352.10	11	341.44	11	-552.50	5	-366.10	5	93.89	11
205	-30	-31	Min.	0.00	-450.80	1	-352.10	13	-37.17	15	-805.09	1	-496.03	1	-93.88	13
205	-30	-31	Min.	88.20	-450.80	1	-352.10	13	-341.44	13	-847.63	1	-1224.88	1	-93.88	13
206	-31	-32	Max	0.00	322.38	1	295.65	15	340.97	11	913.19	5	109.70	1	29.54	13
206	-31	-32	Max	45.33	322.38	1	295.65	15	213.43	11	891.33	5	218.22	1	29.54	13
206	-31	-32	Min.	0.00	-202.92	5	-295.65	9	-340.97	13	250.31	1	-1271.23	5	-29.54	11
206	-31	-32	Min.	45.33	-202.92	5	-295.65	9	-213.43	13	228.44	1	-862.21	5	-29.54	11
206	-32	-33	Max	0.00	188.92	1	162.19	15	211.06	9	675.28	5	249.29	1	7.91	1
206	-32	-33	Max	25.71					51.52	1			250.88	1		
206	-32	-33	Max	133.53	188.92	1	162.19	15	25.50	5	610.88	5	222.84	1	7.91	1
206	-32	-33	Min.	0.00	-69.46	7	-162.19	9	-211.06	15	12.40	1	-893.31	5	-7.91	7
206	-32	-33	Min.	25.71					51.52	1			250.88	1		
206	-32	-33	Min.	133.53	-69.46	7	-162.19	9	-25.50	3	-52.00	1	-34.59	5	-7.91	7
206	-33	-34	Max	0.00	74.96	5	27.02	7	3.74	5	394.83	5	253.91	1	36.71	9
206	-33	-34	Max	133.53	74.96	5	27.02	7	38.65	7	330.43	5	418.62	5	36.71	9
206	-33	-34	Min.	0.00	44.50	3	-27.02	1	-3.74	3	-268.05	1	-65.62	5	-36.71	15
206	-33	-34	Min.	133.53	44.50	3	-27.02	1	-38.65	1	-332.45	1	-147.02	1	-36.71	15
206	-34	-35	Max	0.00	219.37	5	140.94	11	16.89	7	114.39	5	387.53	5	67.78	9
206	-34	-35	Max	133.53	219.37	5	140.94	11	179.92	11	49.98	5	497.28	5	67.78	9
206	-34	-35	Min.	0.00	-99.91	3	-140.94	13	-16.89	1	-548.50	1	-115.94	1	-67.78	15
206	-34	-35	Min.	133.53	-99.91	3	-140.94	13	-179.92	13	-612.90	1	-891.36	1	-67.78	15
206	-35	-36	Max	0.00	353.92	5	275.48	11	173.38	11	-166.06	5	466.20	5	98.85	9
206	-35	-36	Max	54.07	353.92	5	275.48	11	322.33	11	-192.13	5	369.37	5	98.85	9
206	-35	-36	Min.	0.00	-234.46	1	-275.48	13	-173.38	13	-828.94	1	-860.26	1	-98.85	15
206	-35	-36	Min.	54.07	-234.46	1	-275.48	13	-322.33	13	-855.02	1	-1315.50	1	-98.85	15
206	-36	-37	Max	0.00	232.61	1	232.61	13	322.47	11	470.88	1	-553.28	5	51.80	13
206	-36	-37	Max	79.47	232.61	1	232.61	13	137.62	11	432.55	1	-194.32	5	51.80	13
206	-36	-37	Min.	0.00	-232.61	5	-232.61	9	-322.47	13	470.88	1	-656.89	1	-51.80	9
206	-36	-37	Min.	79.47	-232.61	5	-232.61	9	-137.62	13	432.55	1	-297.93	1	-51.80	9
206	-37	-38	Max	0.00	94.91	1	94.91	13	131.09	11	216.51	1	-225.38	5	20.73	13
206	-37	-38	Max	133.53	94.91	1	94.91	13	14.52	7	152.11	1	20.73	5	20.73	13
206	-37	-38	Min.	0.00	-94.91	5	-94.91	9	-131.09	13	216.51	1	-266.84	1	-20.73	9
206	-37	-38	Min.	133.53	-94.91	5	-94.91	9	-14.52	1	152.11	1	-20.73	1	-20.73	9
301	-3	-60	Max	0.00	70.46	13	14.22	5	21.33	1	55.27	9	-20.38	13	0.00	1
301	-3	-60	Max	130.42					0.84	13			0.47	13		
301	-3	-60	Max	150.00	17.94	13	14.22	5	0.00	1	18.50	9	0.00	13	0.00	1
301	-3	-60	Min.	0.00	54.14	9	-14.22	1	-21.33	5	31.97	13	-55.32	9	0.00	1
301	-3	-60	Min.	130.42					0.84	13			0.47	13		
301	-3	-60	Min.	150.00	1.62	9	-14.22	1	0.00	5	-4.80	13	0.00	9	0.00	1
301	-59	-3	Max	0.00	8.05	9	31.09	1	0.00	1	18.62	13	0.00	1	0.00	1
301	-59	-3	Max	75.95					7.08	13			7.07	13		
301	-59	-3	Max	150.00	-44.47	9	31.09	1	46.64	1	-18.15	13	0.35	13	0.00	1
301	-59	-3	Min.	0.00	-27.61	13	-31.09	5	0.00	5	-32.32	9	0.00	1	0.00	5
301	-59	-3	Min.	3.38					1.05	3			0.01	3		
301	-59	-3	Min.	150.00	-80.13	13	-31.09	5	-46.64	5	-69.09	9	-76.05	9	0.00	5
302	-4	-47	Max	0.00	100.71	13	21.32	5	31.97	1	79.42	9	-30.55	13	0.00	1
302	-4	-47	Max	138.30					0.75	13			0.22	13		
302	-4	-47	Max	150.00	31.78	13	21.32	5	0.00	1	31.15	9	0.00	13	0.00	1
302	-4	-47	Min.	0.00	76.26	9	-21.32	1	-31.97	5	44.50	13	-82.93	9	0.00	1
302	-4	-47	Min.	138.30					0.75	13			0.22	13		
302	-4	-47	Min.	150.00	7.33	9	-21.32	1	0.00	5	-3.77	13	0.00	9	0.00	1
302	-46	-4	Max	0.00	7.17	9	46.60	1	0.00	5	24.48	13	0.00	5	0.00	5
302	-46	-4	Max	76.09					10.64	13			9.31	13		
302	-46	-4	Max	150.00	-61.75	9	46.60	1	69.91	1	-23.78	13	0.52	13	0.00	5
302	-46	-4	Min.	0.00	-46.29	13	-46.60	5	0.00	1	-51.87	9	0.00	1	0.00	1
302	-46	-4	Min.	76.09					10.64	13			9.31	13		
302	-46	-4	Min.	150.00	-115.22	13	-46.60	5	-69.91	5	-100.14	9	-114.00	9	0.00	1
303	-6	-48	Max	0.00	100.71	13	21.32	5	31.97	1	79.42	9	-30.55	13	0.00	1
303	-6	-48	Max	138.30					0.75	13			0.22	13		
303	-6	-48	Max	150.00	31.78	13	21.32	5	0.00	1	31.15	9	0.00	13	0.00	1
303	-6	-48	Min.	0.00	76.26	9	-21.32	1	-31.97	5	44.50	13	-82.93	9	0.00	1
303	-6	-48	Min.	138.30					0.75	13			0.22	13		
303	-6	-48	Min.	150.00	7.33	9	-21.32	1	0.00	5	-3.77	13	0.00	9	0.00	1
303	-49	-6	Max	0.00	7.17	9	46.60	1	0.00	7	24.48	13	0.00	9	0.00	3
303	-49	-6	Max	76.09					10.64	13			9.31	13		
303	-49	-6	Max	150.00	-61.75	9	46.60	1	69.91	1	-23.78	13	0.52	13	0.00	3
303	-49	-6	Min.	0.00	-46.29	13	-46.60	5	0.00	1	-51.87	9	0.00	13	0.00	5
303	-49	-6	Min.	76.09					10.64	13			9.31	13		
303	-49	-6	Min.	150.00	-115.22	13	-46.60	5	-69.91	5	-100.14	9	-114.00	9	0.00	5
304	-7	-96	Max	0.00	100.71	13	21.32	5	31.97	1	79.42	9	-30.55	13	0.00	1
304	-7	-96	Max	138.30					0.75	13			0.22	13		
304	-7	-96	Max	150.00	31.78	13	21.32	5	0.00	1	31.15	9	0.00	13	0.00	1
304	-7	-96	Min.	0.00	76.26	9	-21.32	1	-31.97	5	44.50	13	-82.93	9	0.00	1
304	-7	-96	Min.	138.30					0.75	13			0.22	13		
304	-7	-96	Min.	150.00	7.33	9	-21.32	1	0.00	5	-3.77	13	0.00	9	0.00	1
304	-95	-7	Max	0.00	7.17	9	46.60	1	0.00	5	24.48	13	0.00	1	0.00	1
304	-95	-7	Max	76.09					10.64	13			9.31	13		
304	-95	-7	Max	150.00	-61.75	9	46.60	1	69.91	1	-23.78	13	0.52	13	0.00	1
304	-95	-7	Min.	0.00	-46.29	13	-46.60	5	0.00	1	-51.87	9	0.00	1	0.00	5
304	-95	-7	Min.	76.09					10.64	13			9.31	13		
304	-95	-7	Min.	150.00	-115.22	13	-46.60	5	-69.91	5	-100.14	9	-114.00	9	0.00	5
305	-8	-66	Max	0.00	100.71	13	21.32	5	31.97	1	79.42	9	-30.55	13	0.00	1
305	-8	-66	Max	138.30					0.75	13			0.22	13		
305	-8	-66	Max	150.00	31.78	13	21.32	5	0.00	1	31.15	9	0.00	13	0.00	1
305	-8	-66	Min.	0.00	76.26	9	-21.32	1	-31.97	5	44.50	13	-82.93	9	0.00	1
305	-8	-66	Min.	138.30					0.75	13			0.22	13		
305	-8	-66	Min.	150.00	7.33	9	-21.32	1	0.00	5	-3.77	13	0.00	9	0.00	1
305	-67	-8	Max	0.00	7.17	9	46.60	1	0.00	5	24.48	13	0.00	13	0.00	3
305	-67	-8	Max	76.09					10.64	13			9.31	13		
305	-67	-8	Max	150.00	-61.75	9	46.60	1	69.91	1	-23.78	13	0.52	13	0.00	3
305	-67	-8	Min.	0.00	-46.29	13	-46.60	5	0.00	3	-51.87	9	0.00	11	0.00	5
305	-67	-8	Min.	76.09					10.64	13			9.31	13		

305	-67	-8	Min.	150.00	-115.22	13	-46.60	5	-69.91	5	-100.14	9	-114.00	9	0.00	5
306	-9	-69	Max	0.00	100.71	13	21.32	5	31.97	1	79.42	9	-30.55	13	0.00	1
306	-9	-69	Max	138.30					0.75	13			0.22	13		
306	-9	-69	Max	150.00	31.78	13	21.32	5	0.00	1	31.15	9	0.00	13	0.00	1
306	-9	-69	Min.	0.00	76.26	9	-21.32	1	-31.97	5	44.50	13	-82.93	9	0.00	1
306	-9	-69	Min.	138.30					0.75	13			0.22	13		
306	-9	-69	Min.	150.00	7.33	9	-21.32	1	0.00	5	-3.77	13	0.00	9	0.00	1
306	-68	-9	Max	0.00	7.17	9	46.60	1	0.00	13	24.48	13	0.00	13	0.00	9
306	-68	-9	Max	76.09					10.64	13			9.31	13		
306	-68	-9	Max	150.00	-61.75	9	46.60	1	69.91	1	-23.78	13	0.52	13	0.00	9
306	-68	-9	Min.	0.00	-46.29	13	-46.60	5	0.00	9	-51.87	9	0.00	9	0.00	13
306	-68	-9	Min.	76.09					10.64	13			9.31	13		
306	-68	-9	Min.	150.00	-115.22	13	-46.60	5	-69.91	5	-100.14	9	-114.00	9	0.00	13
307	-11	-70	Max	0.00	100.71	13	21.32	5	31.97	1	79.42	9	-30.55	13	0.00	1
307	-11	-70	Max	138.30					0.75	13			0.22	13		
307	-11	-70	Max	150.00	31.78	13	21.32	5	0.00	1	31.15	9	0.00	13	0.00	1
307	-11	-70	Min.	0.00	76.26	9	-21.32	1	-31.97	5	44.50	13	-82.93	9	0.00	1
307	-11	-70	Min.	138.30					0.75	13			0.22	13		
307	-11	-70	Min.	150.00	7.33	9	-21.32	1	0.00	5	-3.77	13	0.00	9	0.00	1
307	-71	-11	Max	0.00	7.17	9	46.60	1	0.00	7	24.48	13	0.00	13	0.00	5
307	-71	-11	Max	76.09					10.64	13			9.31	13		
307	-71	-11	Max	150.00	-61.75	9	46.60	1	69.91	1	-23.78	13	0.52	13	0.00	5
307	-71	-11	Min.	0.00	-46.29	13	-46.60	5	0.00	1	-51.87	9	0.00	11	0.00	3
307	-71	-11	Min.	76.09					10.64	13			9.31	13		
307	-71	-11	Min.	150.00	-115.22	13	-46.60	5	-69.91	5	-100.14	9	-114.00	9	0.00	3
308	-12	-72	Max	0.00	100.71	13	21.32	5	31.97	1	79.42	9	-30.55	13	0.00	1
308	-12	-72	Max	138.30					0.75	13			0.22	13		
308	-12	-72	Max	150.00	31.78	13	21.32	5	0.00	1	31.15	9	0.00	13	0.00	1
308	-12	-72	Min.	0.00	76.26	9	-21.32	1	-31.97	5	44.50	13	-82.93	9	0.00	1
308	-12	-72	Min.	138.30					0.75	13			0.22	13		
308	-12	-72	Min.	150.00	7.33	9	-21.32	1	0.00	5	-3.77	13	0.00	9	0.00	1
308	-73	-12	Max	0.00	7.17	9	46.60	1	0.00	13	24.48	13	0.00	13	0.00	1
308	-73	-12	Max	76.09					10.64	13			9.31	13		
308	-73	-12	Max	150.00	-61.75	9	46.60	1	69.91	1	-23.78	13	0.52	13	0.00	1
308	-73	-12	Min.	0.00	-46.29	13	-46.60	5	0.00	9	-51.87	9	0.00	9	0.00	1
308	-73	-12	Min.	76.09					10.64	13			9.31	13		
308	-73	-12	Min.	150.00	-115.22	13	-46.60	5	-69.91	5	-100.14	9	-114.00	9	0.00	1
309	-13	-74	Max	0.00	100.71	13	21.32	5	31.97	1	79.42	9	-30.55	13	0.00	1
309	-13	-74	Max	138.30					0.75	13			0.22	13		
309	-13	-74	Max	150.00	31.78	13	21.32	5	0.00	1	31.15	9	0.00	13	0.00	1
309	-13	-74	Min.	0.00	76.26	9	-21.32	1	-31.97	5	44.50	13	-82.93	9	0.00	1
309	-13	-74	Min.	138.30					0.75	13			0.22	13		
309	-13	-74	Min.	150.00	7.33	9	-21.32	1	0.00	5	-3.77	13	0.00	9	0.00	1
309	-75	-13	Max	0.00	7.17	9	46.60	1	0.00	3	24.48	13	0.00	15	0.00	5
309	-75	-13	Max	76.09					10.64	13			9.31	13		
309	-75	-13	Max	150.00	-61.75	9	46.60	1	69.91	1	-23.78	13	0.52	13	0.00	5
309	-75	-13	Min.	0.00	-46.29	13	-46.60	5	0.00	5	-51.87	9	0.00	9	0.00	1
309	-75	-13	Min.	76.09					10.64	13			9.31	13		
309	-75	-13	Min.	150.00	-115.22	13	-46.60	5	-69.91	5	-100.14	9	-114.00	9	0.00	1
310	-14	-90	Max	0.00	100.71	13	21.32	5	31.97	1	79.42	9	-30.55	13	0.00	1
310	-14	-90	Max	138.30					0.75	13			0.22	13		
310	-14	-90	Max	150.00	31.78	13	21.32	5	0.00	1	31.15	9	0.00	13	0.00	1
310	-14	-90	Min.	0.00	76.26	9	-21.32	1	-31.97	5	44.50	13	-82.93	9	0.00	1
310	-14	-90	Min.	138.30					0.75	13			0.22	13		
310	-14	-90	Min.	150.00	7.33	9	-21.32	1	0.00	5	-3.77	13	0.00	9	0.00	1
310	-91	-14	Max	0.00	7.17	9	46.60	1	0.00	5	24.48	13	0.00	1	0.00	5
310	-91	-14	Max	76.09					10.64	13			9.31	13		
310	-91	-14	Max	150.00	-61.75	9	46.60	1	69.91	1	-23.78	13	0.52	13	0.00	5
310	-91	-14	Min.	0.00	-46.29	13	-46.60	5	0.00	1	-51.87	9	0.00	5	0.00	1
310	-91	-14	Min.	76.09					10.64	13			9.31	13		
310	-91	-14	Min.	150.00	-115.22	13	-46.60	5	-69.91	5	-100.14	9	-114.00	9	0.00	1
311	-15	-92	Max	0.00	100.71	13	21.32	5	31.97	1	79.42	9	-30.55	13	0.00	1
311	-15	-92	Max	138.30					0.75	13			0.22	13		
311	-15	-92	Max	150.00	31.78	13	21.32	5	0.00	1	31.15	9	0.00	13	0.00	1
311	-15	-92	Min.	0.00	76.26	9	-21.32	1	-31.97	5	44.50	13	-82.93	9	0.00	1
311	-15	-92	Min.	138.30					0.75	13			0.22	13		
311	-15	-92	Min.	150.00	7.33	9	-21.32	1	0.00	5	-3.77	13	0.00	9	0.00	1
311	-93	-15	Max	0.00	7.17	9	46.60	1	0.00	1	24.48	13	0.00	5	0.00	1
311	-93	-15	Max	76.09					10.64	13			9.31	13		
311	-93	-15	Max	150.00	-61.75	9	46.60	1	69.91	1	-23.78	13	0.52	13	0.00	1
311	-93	-15	Min.	0.00	-46.29	13	-46.60	5	0.00	5	-51.87	9	0.00	1	0.00	5
311	-93	-15	Min.	76.09					10.64	13			9.31	13		
311	-93	-15	Min.	150.00	-115.22	13	-46.60	5	-69.91	5	-100.14	9	-114.00	9	0.00	5
312	-16	-98	Max	0.00	100.71	13	21.32	5	31.97	1	79.42	9	-30.55	13	0.00	1
312	-16	-98	Max	138.30					0.75	13			0.22	13		
312	-16	-98	Max	150.00	31.78	13	21.32	5	0.00	1	31.15	9	0.00	13	0.00	1
312	-16	-98	Min.	0.00	76.26	9	-21.32	1	-31.97	5	44.50	13	-82.93	9	0.00	1
312	-16	-98	Min.	138.30					0.75	13			0.22	13		
312	-16	-98	Min.	150.00	7.33	9	-21.32	1	0.00	5	-3.77	13	0.00	9	0.00	1
312	-94	-16	Max	0.00	7.17	9	46.60	1	0.00	9	24.48	13	0.00	9	0.00	5
312	-94	-16	Max	76.09					10.64	13			9.31	13		
312	-94	-16	Max	150.00	-61.75	9	46.60	1	69.91	1	-23.78	13	0.52	13	0.00	5
312	-94	-16	Min.	0.00	-46.29	13	-46.60	5	0.00	13	-51.87	9	0.00	13	0.00	3
312	-94	-16	Min.	76.09					10.64	13			9.31	13		
312	-94	-16	Min.	150.00	-115.22	13	-46.60	5	-69.91	5	-100.14	9	-114.00	9	0.00	3
313	-17	-97	Max	0.00	100.71	13	21.32	5	31.97	1	79.42	9	-30.55	13	0.00	1
313	-17	-97	Max	138.30					0.75	13			0.22	13		
313	-17	-97	Max	150.00	31.78	13	21.32	5	0.00	1	31.15	9	0.00	13	0.00	1
313	-17	-97	Min.	0.00	76.26	9	-21.32	1	-31.97	5	44.50	13	-82.93	9	0.00	1
313	-17	-97	Min.	138.30					0.75	13			0.22	13		
313	-17	-97	Min.	150.00	7.33	9	-21.32	1	0.00	5	-3.77	13	0.00	9	0.00	1
313	-42	-17	Max	0.00	7.17	9	46.60	1	0.00	5	24.48	13	0.00	11	0.00	5
313	-42	-17	Max	76.09					10.64	13			9.31	13		
313	-42	-17	Max	150.00	-61.75	9	46.60	1	69.91	1	-23.78	13	0.52	13	0.00	5
313	-42	-17	Min.	0.00	-46.29	13	-46.60	5	0.00	1	-51.87	9	0.00	13	0.00	3
313	-42	-17	Min.	76.09					10.64	13			9.31	13		
313	-42	-17	Min.	150.00	-115.22	13	-46.60	5	-69.91	5	-100.14	9	-114.00	9	0.00	3
314	-18	-43	Max	0.00	100.71	13	21.32	5	31.97	1	79.42	9	-30.55	13	0.00	1
314	-18	-43	Max	138.30					0.75	13			0.22	13		
314	-18	-43	Max	150.00	31.78	13	21.32	5	0.00	1	31.15	9	0.00	13	0.00	1
314	-18	-43	Min.	0.00	76.26	9	-21.32	1	-31.97	5	44.50	13	-82.93	9	0.00	1

314	-18	-43	Min.	138.30					0.75	13			0.22	13		
314	-18	-43	Min.	150.00	7.33	9	-21.32	1	0.00	5	-3.77	13	0.00	9	0.00	1
314	-44	-18	Max	0.00	7.17	9	46.60	1	0.00	13	24.48	13	0.00	13	0.00	5
314	-44	-18	Max	76.09					10.64	13			9.31	13		
314	-44	-18	Max	150.00	-61.75	9	46.60	1	69.91	1	-23.78	13	0.52	13	0.00	5
314	-44	-18	Min.	0.00	-46.29	13	-46.60	5	0.00	9	-51.87	9	0.00	9	0.00	1
314	-44	-18	Min.	76.09					10.64	13			9.31	13		
314	-44	-18	Min.	150.00	-115.22	13	-46.60	5	-69.91	5	-100.14	9	-114.00	9	0.00	1
315	-19	-45	Max	0.00	100.71	13	21.32	5	31.97	1	79.42	9	-30.55	13	0.00	1
315	-19	-45	Max	138.30					0.75	13			0.22	13		
315	-19	-45	Max	150.00	31.78	13	21.32	5	0.00	1	31.15	9	0.00	13	0.00	1
315	-19	-45	Min.	0.00	76.26	9	-21.32	1	-31.97	5	44.50	13	-82.93	9	0.00	1
315	-19	-45	Min.	138.30					0.75	13			0.22	13		
315	-19	-45	Min.	150.00	7.33	9	-21.32	1	0.00	5	-3.77	13	0.00	9	0.00	1
315	-58	-19	Max	0.00	7.17	9	46.60	1	0.00	7	24.48	13	0.00	13	0.00	7
315	-58	-19	Max	76.09					10.64	13			9.31	13		
315	-58	-19	Max	150.00	-61.75	9	46.60	1	69.91	1	-23.78	13	0.52	13	0.00	7
315	-58	-19	Min.	0.00	-46.29	13	-46.60	5	0.00	1	-51.87	9	0.00	11	0.00	1
315	-58	-19	Min.	76.09					10.64	13			9.31	13		
315	-58	-19	Min.	150.00	-115.22	13	-46.60	5	-69.91	5	-100.14	9	-114.00	9	0.00	1
316	-20	-63	Max	0.00	70.46	13	14.22	5	21.33	1	55.27	9	-20.38	13	0.00	1
316	-20	-63	Max	130.42					0.84	13			0.47	13		
316	-20	-63	Max	150.00	17.94	13	14.22	5	0.00	1	18.50	9	0.00	13	0.00	1
316	-20	-63	Min.	0.00	54.14	9	-14.22	1	-21.33	5	31.97	13	-55.32	9	0.00	1
316	-20	-63	Min.	130.42					0.84	13			0.47	13		
316	-20	-63	Min.	150.00	1.62	9	-14.22	1	0.00	5	-4.80	13	0.00	9	0.00	1
316	-65	-20	Max	0.00	8.05	9	31.09	1	0.00	3	18.62	13	0.00	13	0.00	5
316	-65	-20	Max	75.95					7.08	13			7.07	13		
316	-65	-20	Max	150.00	-44.47	9	31.09	1	46.64	1	-18.15	13	0.35	13	0.00	5
316	-65	-20	Min.	0.00	-27.61	13	-31.09	5	0.00	5	-32.32	9	0.00	9	0.00	3
316	-65	-20	Min.	3.38					1.05	3			0.01	3		
316	-65	-20	Min.	150.00	-80.13	13	-31.09	5	-46.64	5	-69.09	9	-76.05	9	0.00	3
317	-21	-51	Max	0.00	70.46	13	14.22	5	21.33	1	55.27	9	-20.38	13	0.00	1
317	-21	-51	Max	130.42					0.84	13			0.47	13		
317	-21	-51	Max	150.00	17.94	13	14.22	5	0.00	1	18.50	9	0.00	13	0.00	1
317	-21	-51	Min.	0.00	54.14	9	-14.22	1	-21.33	5	31.97	13	-55.32	9	0.00	1
317	-21	-51	Min.	130.42					0.84	13			0.47	13		
317	-21	-51	Min.	150.00	1.62	9	-14.22	1	0.00	5	-4.80	13	0.00	9	0.00	1
317	-50	-21	Max	0.00	8.05	9	31.09	1	0.00	7	18.62	13	0.00	9	0.00	1
317	-50	-21	Max	75.95					7.08	13			7.07	13		
317	-50	-21	Max	150.00	-44.47	9	31.09	1	46.64	1	-18.15	13	0.35	13	0.00	1
317	-50	-21	Min.	0.00	-27.61	13	-31.09	5	0.00	1	-32.32	9	0.00	13	0.00	5
317	-50	-21	Min.	3.38					1.05	3			0.01	3		
317	-50	-21	Min.	150.00	-80.13	13	-31.09	5	-46.64	5	-69.09	9	-76.05	9	0.00	5
318	-22	-53	Max	0.00	100.71	13	21.32	5	31.97	1	79.42	9	-30.55	13	0.00	1
318	-22	-53	Max	138.30					0.75	13			0.22	13		
318	-22	-53	Max	150.00	31.78	13	21.32	5	0.00	1	31.15	9	0.00	13	0.00	1
318	-22	-53	Min.	0.00	76.26	9	-21.32	1	-31.97	5	44.50	13	-82.93	9	0.00	1
318	-22	-53	Min.	138.30					0.75	13			0.22	13		
318	-22	-53	Min.	150.00	7.33	9	-21.32	1	0.00	5	-3.77	13	0.00	9	0.00	1
318	-52	-22	Max	0.00	7.17	9	46.60	1	0.00	5	24.48	13	0.00	13	0.00	5
318	-52	-22	Max	76.09					10.64	13			9.31	13		
318	-52	-22	Max	150.00	-61.75	9	46.60	1	69.91	1	-23.78	13	0.52	13	0.00	5
318	-52	-22	Min.	0.00	-46.29	13	-46.60	5	0.00	1	-51.87	9	0.00	11	0.00	3
318	-52	-22	Min.	76.09					10.64	13			9.31	13		
318	-52	-22	Min.	150.00	-115.22	13	-46.60	5	-69.91	5	-100.14	9	-114.00	9	0.00	3
319	-23	-55	Max	0.00	100.71	13	21.32	5	31.97	1	79.42	9	-30.55	13	0.00	1
319	-23	-55	Max	138.30					0.75	13			0.22	13		
319	-23	-55	Max	150.00	31.78	13	21.32	5	0.00	1	31.15	9	0.00	13	0.00	1
319	-23	-55	Min.	0.00	76.26	9	-21.32	1	-31.97	5	44.50	13	-82.93	9	0.00	1
319	-23	-55	Min.	138.30					0.75	13			0.22	13		
319	-23	-55	Min.	150.00	7.33	9	-21.32	1	0.00	5	-3.77	13	0.00	9	0.00	1
319	-54	-23	Max	0.00	7.17	9	46.60	1	0.00	1	24.48	13	0.00	1	0.00	5
319	-54	-23	Max	76.09					10.64	13			9.31	13		
319	-54	-23	Max	150.00	-61.75	9	46.60	1	69.91	1	-23.78	13	0.52	13	0.00	5
319	-54	-23	Min.	0.00	-46.29	13	-46.60	5	0.00	5	-51.87	9	0.00	1	0.00	1
319	-54	-23	Min.	76.09					10.64	13			9.31	13		
319	-54	-23	Min.	150.00	-115.22	13	-46.60	5	-69.91	5	-100.14	9	-114.00	9	0.00	1
320	-24	-57	Max	0.00	100.71	13	21.32	5	31.97	1	79.42	9	-30.55	13	0.00	1
320	-24	-57	Max	138.30					0.75	13			0.22	13		
320	-24	-57	Max	150.00	31.78	13	21.32	5	0.00	1	31.15	9	0.00	13	0.00	1
320	-24	-57	Min.	0.00	76.26	9	-21.32	1	-31.97	5	44.50	13	-82.93	9	0.00	1
320	-24	-57	Min.	138.30					0.75	13			0.22	13		
320	-24	-57	Min.	150.00	7.33	9	-21.32	1	0.00	5	-3.77	13	0.00	9	0.00	1
320	-56	-24	Max	0.00	7.17	9	46.60	1	0.00	7	24.48	13	0.00	15	0.00	1
320	-56	-24	Max	76.09					10.64	13			9.31	13		
320	-56	-24	Max	150.00	-61.75	9	46.60	1	69.91	1	-23.78	13	0.52	13	0.00	1
320	-56	-24	Min.	0.00	-46.29	13	-46.60	5	0.00	1	-51.87	9	0.00	9	0.00	7
320	-56	-24	Min.	76.09					10.64	13			9.31	13		
320	-56	-24	Min.	150.00	-115.22	13	-46.60	5	-69.91	5	-100.14	9	-114.00	9	0.00	7
322	-25	-41	Max	0.00	100.71	13	21.32	5	31.97	1	79.42	9	-30.55	13	0.00	1
322	-25	-41	Max	138.30					0.75	13			0.22	13		
322	-25	-41	Max	150.00	31.78	13	21.32	5	0.00	1	31.15	9	0.00	13	0.00	1
322	-25	-41	Min.	0.00	76.26	9	-21.32	1	-31.97	5	44.50	13	-82.93	9	0.00	1
322	-25	-41	Min.	138.30					0.75	13			0.22	13		
322	-25	-41	Min.	150.00	7.33	9	-21.32	1	0.00	5	-3.77	13	0.00	9	0.00	1
322	-64	-25	Max	0.00	7.17	9	46.60	1	0.00	5	24.48	13	0.00	9	0.00	5
322	-64	-25	Max	76.09					10.64	13			9.31	13		
322	-64	-25	Max	150.00	-61.75	9	46.60	1	69.91	1	-23.78	13	0.52	13	0.00	5
322	-64	-25	Min.	0.00	-46.29	13	-46.60	5	0.00	1	-51.87	9	0.00	15	0.00	3
322	-64	-25	Min.	76.09					10.64	13			9.31	13		
322	-64	-25	Min.	150.00	-115.22	13	-46.60	5	-69.91	5	-100.14	9	-114.00	9	0.00	3
323	-26	-77	Max	0.00	100.71	13	21.32	5	31.97	1	79.42	9	-30.55	13	0.00	1
323	-26	-77	Max	138.30					0.75	13			0.22	13		
323	-26	-77	Max	150.00	31.78	13	21.32	5	0.00	1	31.15	9	0.00	13	0.00	1
323	-26	-77	Min.	0.00	76.26	9	-21.32	1	-31.97	5	44.50	13	-82.93	9	0.00	1
323	-26	-77	Min.	138.30					0.75	13			0.22	13		
323	-26	-77	Min.	150.00	7.33	9	-21.32	1	0.00	5	-3.77	13	0.00	9	0.00	1
323	-76	-26	Max	0.00	7.17	9	46.60	1	0.00	3	24.48	13	0.00	13	0.00	5
323	-76	-26	Max	76.09					10.64	13			9.31	13		
323	-76	-26	Max	150.00	-61.75	9	46.60	1	69.91	1	-23.78	13	0.52	13	0.00	5

323	-76	-26	Min.	0.00	-46.29	13	-46.60	5	0.00	5	-51.87	9	0.00	9	0.00	3
323	-76	-26	Min.	76.09					10.64	13			9.31	13		
323	-76	-26	Min.	150.00	-115.22	13	-46.60	5	-69.91	5	-100.14	9	-114.00	9	0.00	3
324	-27	-79	Max	0.00	100.71	13	21.32	5	31.97	1	79.42	9	-30.55	13	0.00	1
324	-27	-79	Max	138.30					0.75	13			0.22	13		
324	-27	-79	Max	150.00	31.78	13	21.32	5	0.00	1	31.15	9	0.00	13	0.00	1
324	-27	-79	Min.	0.00	76.26	9	-21.32	1	-31.97	5	44.50	13	-82.93	9	0.00	1
324	-27	-79	Min.	138.30					0.75	13			0.22	13		
324	-27	-79	Min.	150.00	7.33	9	-21.32	1	0.00	5	-3.77	13	0.00	9	0.00	1
324	-78	-27	Max	0.00	7.17	9	46.60	1	0.00	5	24.48	13	0.00	13	0.00	5
324	-78	-27	Max	76.09					10.64	13			9.31	13		
324	-78	-27	Max	150.00	-61.75	9	46.60	1	69.91	1	-23.78	13	0.52	13	0.00	5
324	-78	-27	Min.	0.00	-46.29	13	-46.60	5	0.00	1	-51.87	9	0.00	9	0.00	3
324	-78	-27	Min.	76.09					10.64	13			9.31	13		
324	-78	-27	Min.	150.00	-115.22	13	-46.60	5	-69.91	5	-100.14	9	-114.00	9	0.00	3
325	-28	-81	Max	0.00	100.71	13	21.32	5	31.97	1	79.42	9	-30.55	13	0.00	1
325	-28	-81	Max	138.30					0.75	13			0.22	13		
325	-28	-81	Max	150.00	31.78	13	21.32	5	0.00	1	31.15	9	0.00	13	0.00	1
325	-28	-81	Min.	0.00	76.26	9	-21.32	1	-31.97	5	44.50	13	-82.93	9	0.00	1
325	-28	-81	Min.	138.30					0.75	13			0.22	13		
325	-28	-81	Min.	150.00	7.33	9	-21.32	1	0.00	5	-3.77	13	0.00	9	0.00	1
325	-80	-28	Max	0.00	7.17	9	46.60	1	0.00	3	24.48	13	0.00	13	0.00	1
325	-80	-28	Max	76.09					10.64	13			9.31	13		
325	-80	-28	Max	150.00	-61.75	9	46.60	1	69.91	1	-23.78	13	0.52	13	0.00	1
325	-80	-28	Min.	0.00	-46.29	13	-46.60	5	0.00	5	-51.87	9	0.00	9	0.00	7
325	-80	-28	Min.	76.09					10.64	13			9.31	13		
325	-80	-28	Min.	150.00	-115.22	13	-46.60	5	-69.91	5	-100.14	9	-114.00	9	0.00	7
326	-29	-83	Max	0.00	100.71	13	21.32	5	31.97	1	79.42	9	-30.55	13	0.00	1
326	-29	-83	Max	138.30					0.75	13			0.22	13		
326	-29	-83	Max	150.00	31.78	13	21.32	5	0.00	1	31.15	9	0.00	13	0.00	1
326	-29	-83	Min.	0.00	76.26	9	-21.32	1	-31.97	5	44.50	13	-82.93	9	0.00	1
326	-29	-83	Min.	138.30					0.75	13			0.22	13		
326	-29	-83	Min.	150.00	7.33	9	-21.32	1	0.00	5	-3.77	13	0.00	9	0.00	1
326	-82	-29	Max	0.00	7.17	9	46.60	1	0.00	7	24.48	13	0.00	13	0.00	3
326	-82	-29	Max	76.09					10.64	13			9.31	13		
326	-82	-29	Max	150.00	-61.75	9	46.60	1	69.91	1	-23.78	13	0.52	13	0.00	3
326	-82	-29	Min.	0.00	-46.29	13	-46.60	5	0.00	1	-51.87	9	0.00	9	0.00	5
326	-82	-29	Min.	76.09					10.64	13			9.31	13		
326	-82	-29	Min.	150.00	-115.22	13	-46.60	5	-69.91	5	-100.14	9	-114.00	9	0.00	5
327	-30	-85	Max	0.00	100.71	13	21.32	5	31.97	1	79.42	9	-30.55	13	0.00	1
327	-30	-85	Max	138.30					0.75	13			0.22	13		
327	-30	-85	Max	150.00	31.78	13	21.32	5	0.00	1	31.15	9	0.00	13	0.00	1
327	-30	-85	Min.	0.00	76.26	9	-21.32	1	-31.97	5	44.50	13	-82.93	9	0.00	1
327	-30	-85	Min.	138.30					0.75	13			0.22	13		
327	-30	-85	Min.	150.00	7.33	9	-21.32	1	0.00	5	-3.77	13	0.00	9	0.00	1
327	-84	-30	Max	0.00	7.17	9	46.60	1	0.00	5	24.48	13	0.00	15	0.00	1
327	-84	-30	Max	76.09					10.64	13			9.31	13		
327	-84	-30	Max	150.00	-61.75	9	46.60	1	69.91	1	-23.78	13	0.52	13	0.00	1
327	-84	-30	Min.	0.00	-46.29	13	-46.60	5	0.00	3	-51.87	9	0.00	9	0.00	5
327	-84	-30	Min.	76.09					10.64	13			9.31	13		
327	-84	-30	Min.	150.00	-115.22	13	-46.60	5	-69.91	5	-100.14	9	-114.00	9	0.00	5
329	-32	-86	Max	0.00	100.71	13	21.32	5	31.97	1	79.42	9	-30.55	13	0.00	1
329	-32	-86	Max	138.30					0.75	13			0.22	13		
329	-32	-86	Max	150.00	31.78	13	21.32	5	0.00	1	31.15	9	0.00	13	0.00	1
329	-32	-86	Min.	0.00	76.26	9	-21.32	1	-31.97	5	44.50	13	-82.93	9	0.00	1
329	-32	-86	Min.	138.30					0.75	13			0.22	13		
329	-32	-86	Min.	150.00	7.33	9	-21.32	1	0.00	5	-3.77	13	0.00	9	0.00	1
329	-87	-32	Max	0.00	7.17	9	46.60	1	0.00	7	24.48	13	0.00	13	0.00	1
329	-87	-32	Max	76.09					10.64	13			9.31	13		
329	-87	-32	Max	150.00	-61.75	9	46.60	1	69.91	1	-23.78	13	0.52	13	0.00	1
329	-87	-32	Min.	0.00	-46.29	13	-46.60	5	0.00	1	-51.87	9	0.00	9	0.00	5
329	-87	-32	Min.	76.09					10.64	13			9.31	13		
329	-87	-32	Min.	150.00	-115.22	13	-46.60	5	-69.91	5	-100.14	9	-114.00	9	0.00	5
330	-33	-89	Max	0.00	100.71	13	21.32	5	31.97	1	79.42	9	-30.55	13	0.00	1
330	-33	-89	Max	138.30					0.75	13			0.22	13		
330	-33	-89	Max	150.00	31.78	13	21.32	5	0.00	1	31.15	9	0.00	13	0.00	1
330	-33	-89	Min.	0.00	76.26	9	-21.32	1	-31.97	5	44.50	13	-82.93	9	0.00	1
330	-33	-89	Min.	138.30					0.75	13			0.22	13		
330	-33	-89	Min.	150.00	7.33	9	-21.32	1	0.00	5	-3.77	13	0.00	9	0.00	1
330	-88	-33	Max	0.00	7.17	9	46.60	1	0.00	7	24.48	13	0.00	9	0.00	5
330	-88	-33	Max	76.09					10.64	13			9.31	13		
330	-88	-33	Max	150.00	-61.75	9	46.60	1	69.91	1	-23.78	13	0.52	13	0.00	5
330	-88	-33	Min.	0.00	-46.29	13	-46.60	5	0.00	1	-51.87	9	0.00	13	0.00	3
330	-88	-33	Min.	76.09					10.64	13			9.31	13		
330	-88	-33	Min.	150.00	-115.22	13	-46.60	5	-69.91	5	-100.14	9	-114.00	9	0.00	3
331	-34	-61	Max	0.00	100.71	13	21.32	5	31.97	1	79.42	9	-30.55	13	0.00	1
331	-34	-61	Max	138.30					0.75	13			0.22	13		
331	-34	-61	Max	150.00	31.78	13	21.32	5	0.00	1	31.15	9	0.00	13	0.00	1
331	-34	-61	Min.	0.00	76.26	9	-21.32	1	-31.97	5	44.50	13	-82.93	9	0.00	1
331	-34	-61	Min.	138.30					0.75	13			0.22	13		
331	-34	-61	Min.	150.00	7.33	9	-21.32	1	0.00	5	-3.77	13	0.00	9	0.00	1
331	-62	-34	Max	0.00	7.17	9	46.60	1	0.00	1	24.48	13	0.00	1	0.00	1
331	-62	-34	Max	76.09					10.64	13			9.31	13		
331	-62	-34	Max	150.00	-61.75	9	46.60	1	69.91	1	-23.78	13	0.52	13	0.00	1
331	-62	-34	Min.	0.00	-46.29	13	-46.60	5	0.00	5	-51.87	9	0.00	1	0.00	5
331	-62	-34	Min.	76.09					10.64	13			9.31	13		
331	-62	-34	Min.	150.00	-115.22	13	-46.60	5	-69.91	5	-100.14	9	-114.00	9	0.00	5
332	-35	-102	Max	0.00	100.71	13	21.32	5	31.97	1	79.42	9	-30.55	13	0.00	1
332	-35	-102	Max	138.30					0.75	13			0.22	13		
332	-35	-102	Max	150.00	31.78	13	21.32	5	0.00	1	31.15	9	0.00	13	0.00	1
332	-35	-102	Min.	0.00	76.26	9	-21.32	1	-31.97	5	44.50	13	-82.93	9	0.00	1
332	-35	-102	Min.	138.30					0.75	13			0.22	13		
332	-35	-102	Min.	150.00	7.33	9	-21.32	1	0.00	5	-3.77	13	0.00	9	0.00	1
332	-101	-35	Max	0.00	7.17	9	46.60	1	0.00	1	24.48	13	0.00	11	0.00	3
332	-101	-35	Max	76.09					10.64	13			9.31	13		
332	-101	-35	Max	150.00	-61.75	9	46.60	1	69.91	1	-23.78	13	0.52	13	0.00	3
332	-101	-35	Min.	0.00	-46.29	13	-46.60	5	0.00	7	-51.87	9	0.00	13	0.00	5
332	-101	-35	Min.	76.09					10.64	13			9.31	13		
332	-101	-35	Min.	150.00	-115.22	13	-46.60	5	-69.91	5	-100.14	9	-114.00	9	0.00	5
333	-37	-103	Max	0.00	100.71	13	21.32	5	31.97	1	79.42	9	-30.55	13	0.00	1
333	-37	-103	Max	138.30					0.75	13			0.22	13		

333	-37	-103	Max	150.00	31.78	13	21.32	5	0.00	1	31.15	9	0.00	13	0.00	1
333	-37	-103	Min.	0.00	76.26	9	-21.32	1	-31.97	5	44.50	13	-82.93	9	0.00	1
333	-37	-103	Min.	138.30					0.75	13			0.22	13		
333	-37	-103	Min.	150.00	7.33	9	-21.32	1	0.00	5	-3.77	13	0.00	9	0.00	1
333	-104	-37	Max	0.00	7.17	9	46.60	1	0.00	1	24.48	13	0.00	13	0.00	1
333	-104	-37	Max	76.09					10.64	13			9.31	13		
333	-104	-37	Max	150.00	-61.75	9	46.60	1	69.91	1	-23.78	13	0.52	13	0.00	1
333	-104	-37	Min.	0.00	-46.29	13	-46.60	5	0.00	7	-51.87	9	0.00	9	0.00	5
333	-104	-37	Min.	76.09					10.64	13			9.31	13		
333	-104	-37	Min.	150.00	-115.22	13	-46.60	5	-69.91	5	-100.14	9	-114.00	9	0.00	5
334	-38	-99	Max	0.00	70.46	13	14.22	5	21.33	1	55.27	9	-20.38	13	0.00	1
334	-38	-99	Max	130.42					0.84	13			0.47	13		
334	-38	-99	Max	150.00	17.94	13	14.22	5	0.00	1	18.50	9	0.00	13	0.00	1
334	-38	-99	Min.	0.00	54.14	9	-14.22	1	-21.33	5	31.97	13	-55.32	9	0.00	1
334	-38	-99	Min.	130.42					0.84	13			0.47	13		
334	-38	-99	Min.	150.00	1.62	9	-14.22	1	0.00	5	-4.80	13	0.00	9	0.00	1
334	-100	-38	Max	0.00	8.05	9	31.09	1	0.00	5	18.62	13	0.00	5	0.00	5
334	-100	-38	Max	75.95					7.08	13			7.07	13		
334	-100	-38	Max	150.00	-44.47	9	31.09	1	46.64	1	-18.15	13	0.35	13	0.00	5
334	-100	-38	Min.	0.00	-27.61	13	-31.09	5	0.00	1	-32.32	9	0.00	1	0.00	1
334	-100	-38	Min.	3.38					1.05	3			0.01	3		
334	-100	-38	Min.	150.00	-80.13	13	-31.09	5	-46.64	5	-69.09	9	-76.05	9	0.00	1

Tipo di combinazione di carico: SLD

Asta	N1	N2		X <cm>	N <daN>	CC	Ty <daN>	CC	Mz <daNm>	CC	Tz <daN>	CC	My <daNm>	CC	Mx <daNm>	CC
1	1	-5	Max	0.00	-1047.68	2	183.25	6	542.49	2	235.31	16	836.66	10	0.06	8
1	1	-5	Max	330.00	-858.44	2	183.25	6	192.46	6	235.31	16	61.83	12	0.06	8
1	1	-5	Min.	0.00	-1319.71	6	-302.71	2	-412.28	6	-235.31	10	-836.66	16	-0.06	2
1	1	-5	Min.	330.00	-1130.47	6	-302.71	2	-456.46	2	-235.31	10	-61.83	14	-0.06	2
2	2	-10	Max	0.00	-1395.59	6	401.41	6	438.20	2	288.57	14	1001.11	12	0.19	10
2	2	-10	Max	330.00	-1206.35	6	401.41	6	674.29	6	288.57	14	50.65	10	0.19	10
2	2	-10	Min.	0.00	-1546.50	2	-206.98	2	-650.38	6	-288.57	12	-1001.11	14	-0.19	16
2	2	-10	Min.	330.00	-1357.27	2	-206.98	2	-244.84	2	-288.57	12	-50.65	16	-0.19	16
3	3	203	Max	0.00	-1576.55	2	224.41	6	589.34	2	318.86	14	1101.76	12	0.10	14
3	3	203	Max	330.00	-1387.31	2	224.41	6	283.17	6	318.86	14	49.53	12	0.10	14
3	3	203	Min.	0.00	-1624.09	6	-345.42	2	-457.39	6	-318.86	12	-1101.76	14	-0.10	12
3	3	203	Min.	330.00	-1434.85	6	-345.42	2	-550.54	2	-318.86	12	-49.53	14	-0.10	12
4	4	204	Max	0.00	-1423.57	2	295.03	2	534.41	6	281.50	12	999.60	14	0.00	8
4	4	204	Max	330.00	-1234.34	2	295.03	2	439.19	2	281.50	12	70.66	16	0.00	8
4	4	204	Min.	0.00	-1423.57	2	-295.03	6	-534.41	2	-281.50	14	-999.60	10	-0.00	2
4	4	204	Min.	330.00	-1234.34	2	-295.03	6	-439.19	6	-281.50	14	-70.66	10	-0.00	2
5	5	205	Max	0.00	-1576.55	6	224.41	2	589.34	6	318.86	10	1101.76	16	0.10	10
5	5	205	Max	330.00	-1387.31	6	224.41	2	283.17	2	318.86	10	49.53	16	0.10	10
5	5	205	Min.	0.00	-1624.09	2	-345.42	6	-457.39	2	-318.86	16	-1101.77	10	-0.10	16
5	5	205	Min.	330.00	-1434.85	2	-345.42	6	-550.54	6	-318.86	16	-49.53	10	-0.10	16
6	6	-31	Max	0.00	-1395.59	2	401.42	2	438.20	6	288.57	10	1001.11	16	0.19	14
6	6	-31	Max	330.00	-1206.35	2	401.42	2	674.29	2	288.57	10	50.65	14	0.19	14
6	6	-31	Min.	0.00	-1546.50	6	-206.98	6	-650.38	2	-288.57	16	-1001.11	10	-0.19	12
6	6	-31	Min.	330.00	-1357.27	6	-206.98	6	-244.84	6	-288.57	16	-50.65	12	-0.19	12
7	7	-36	Max	0.00	-1047.68	6	183.25	2	542.50	6	235.31	12	836.66	14	0.06	6
7	7	-36	Max	330.00	-858.44	6	183.25	2	192.45	2	235.31	12	61.82	16	0.06	6
7	7	-36	Min.	0.00	-1319.71	2	-302.72	6	-412.28	2	-235.31	14	-836.66	12	-0.06	4
7	7	-36	Min.	330.00	-1130.47	2	-302.72	6	-456.47	6	-235.31	14	-61.83	10	-0.06	4
201	-4	-3	Max	0.00	38.95	6	38.95	10	53.80	16	216.51	2	-237.61	2	8.51	10
201	-4	-3	Max	133.53	38.95	6	38.95	10	5.96	6	152.11	2	8.51	2	8.51	10
201	-4	-3	Min.	0.00	-38.95	2	-38.95	14	-53.80	10	216.51	2	-254.62	6	-8.51	14
201	-4	-3	Min.	133.53	-38.95	2	-38.95	14	-5.96	4	152.11	2	-8.51	6	-8.51	14
201	-5	-4	Max	0.00	95.46	6	95.46	10	132.33	16	470.88	2	-583.82	2	21.26	10
201	-5	-4	Max	79.47	95.46	6	95.46	10	56.47	16	432.55	2	-224.85	2	21.26	10
201	-5	-4	Min.	0.00	-95.46	2	-95.46	14	-132.33	10	470.88	2	-626.33	6	-21.26	14
201	-5	-4	Min.	79.47	-95.46	2	-95.46	14	-56.47	10	432.55	2	-267.37	6	-21.26	14
201	-6	-5	Max	0.00	180.46	2	113.05	16	71.15	16	-361.48	2	75.14	2	40.57	14
201	-6	-5	Max	54.07	180.46	2	113.05	16	132.28	16	-387.56	2	-127.35	2	40.57	14
201	-6	-5	Min.	0.00	-61.00	8	-113.05	10	-71.15	10	-633.51	6	-469.22	6	-40.57	12
201	-6	-5	Min.	54.07	-61.00	8	-113.05	10	-132.28	10	-659.59	6	-818.79	6	-40.57	12
201	-7	-6	Max	0.00	125.24	2	57.84	16	6.93	6	-81.04	2	239.10	2	27.82	14
201	-7	-6	Max	133.53	125.24	2	57.84	16	73.83	16	-145.44	2	87.89	2	27.82	14
201	-7	-6	Min.	0.00	-5.78	8	-57.84	10	-6.93	4	-353.07	6	32.49	6	-27.82	12
201	-7	-6	Min.	133.53	-5.78	8	-57.84	10	-73.83	10	-417.47	6	-481.97	6	-27.82	12
201	-8	-7	Max	0.00	65.98	2	11.09	6	1.53	8	199.41	2	159.71	6	15.06	14
201	-8	-7	Max	46.84					3.01	12			119.11	12		
201	-8	-7	Max	133.53	65.98	2	11.09	6	15.86	6	135.01	2	251.85	2	15.06	14
201	-8	-7	Min.	0.00	53.48	8	-11.09	4	-1.53	2	-72.62	6	28.58	2	-15.06	12
201	-8	-7	Min.	46.84					3.01	12			119.11	12		
201	-8	-7	Min.	133.53	53.48	8	-11.09	4	-15.86	4	-137.03	6	19.74	6	-15.06	12
201	-9	-8	Max	0.00	112.75	6	66.56	12	86.61	14	479.86	2	-87.55	6	3.25	4
201	-9	-8	Max	133.53	112.75	6	66.56	12	10.46	8	415.45	2	146.96	6	3.25	4
201	-9	-8	Min.	0.00	6.71	4	-66.56	14	-86.61	12	207.83	6	-556.44	2	-3.25	6
201	-9	-8	Min.	133.53	6.71	4	-66.56	14	-10.46	2	143.42	6	41.33	2	-3.25	6
201	-10	-9	Max	0.00	167.51	6	121.33	12	139.93	16	717.76	2	-297.42	6	12.12	10
201	-10	-9	Max	45.33	167.51	6	121.33	12	87.59	16	695.90	2	-100.31	6	12.12	10
201	-10	-9	Min.	0.00	-48.06	4	-121.33	14	-139.93	10	445.73	6	-864.12	2	-12.12	16
201	-10	-9	Min.	45.33	-48.06	4	-121.33	14	-87.59	10	423.87	6	-543.69	2	-12.12	16
202	-11	-10	Max	0.00	132.13	2	144.49	16	15.26	14	-596.96	2	-74.00	2	38.53	16
202	-11	-10	Max	88.20	132.13	2	144.49	16	140.12	16	-639.50	2	-619.28	2	38.53	16
202	-11	-10	Min.	0.00	-207.10	6	-144.49	10	-15.26	12	-718.08	6	-319.60	6	-38.53	10
202	-11	-10	Min.	88.20	-207.10	6	-144.49	10	-140.12	10	-760.62	6	-971.71	6	-38.53	10
202	-12	-11	Max	0.00	75.17	2	87.54	16	101.54	10	-316.52	2	404.41	2	25.78	16
202	-12	-11	Max	133.53	75.17	2	87.54	16	15.35	16	-380.92	2	-61.25	2	25.78	16
202	-12	-11	Min.	0.00	-150.15	6	-87.54	10	-101.54	16	-437.63	6	295.04	6	-25.78	10
202	-12	-11	Min.	133.53	-150.15	6	-87.54	10	-15.35	10	-502.04	6	-332.35	6	-25.78	10
202	-13	-12	Max	0.00	15.91	2	28.27	16	136.62	10	-36.07	2	535.18	6	13.02	16
202	-13	-12	Max	133.53	15.91	2	28.27	16	101.58	12	-100.47	2	417.16	2	13.02	16
202	-13	-12	Min.	0.00	-90.88	8	-28.27	10	-136.62	16	-157.19	6	508.33	2	-13.02	10
202	-13	-12	Min.	133.53	-90.88	8	-28.27	10	-101.58	14	-221.59	6	282.28	6	-13.02	10
202	-14	-13	Max	0.00	-31.62	6	35.04	12	92.56	10	244.38	2	400.84	6	0.28	8
202	-14	-13	Max	133.53	-31.62	6	35.04	12	136.60	12	179.97	2	522.43	6	0.28	8
202	-14	-13	Min.	0.00	-43.35	4	-35.04	14	-92.56	16	123.26	6	237.76	2	-0.28	2
202	-14	-13	Min.	133.53	-43.35	4	-35.04	14	-136.60	14	58.86	6	521.08	2	-0.28	2

202	-15	-14	Max	0.00	27.65	6	94.31	12	33.44	14	524.82	2	-108.00	6	12.61	12
202	-15	-14	Max	133.53	27.65	6	94.31	12	92.49	12	460.42	2	388.09	6	12.61	12
202	-15	-14	Min.	0.00	-102.62	4	-94.31	14	-33.44	12	403.71	6	-407.30	2	-12.61	14
202	-15	-14	Min.	133.53	-102.62	4	-94.31	14	-92.49	14	339.30	6	250.51	2	-12.61	14
202	203	-15	Max	0.00	84.57	6	151.23	12	163.35	14	783.15	2	-682.60	6	25.36	12
202	203	-15	Max	87.67	84.57	6	151.23	12	33.32	16	740.87	2	-120.75	6	25.36	12
202	203	-15	Min.	0.00	-159.55	2	-151.23	14	-163.35	12	662.03	6	-1062.58	2	-25.36	14
202	203	-15	Min.	87.67	-159.55	2	-151.23	14	-33.32	10	619.75	6	-394.55	2	-25.36	14
203	-16	203	Max	0.00	159.07	2	144.82	16	98.65	14	-582.04	2	-239.99	2	24.20	16
203	-16	203	Max	45.87	159.07	2	144.82	16	163.25	14	-604.16	2	-512.02	2	24.20	16
203	-16	203	Min.	0.00	-113.04	8	-144.82	10	-98.65	12	-750.70	6	-616.35	6	-24.20	10
203	-16	203	Min.	45.87	-113.04	8	-144.82	10	-163.25	12	-772.82	6	-965.75	6	-24.20	10
203	-17	-16	Max	0.00	104.28	2	90.03	16	21.72	10	-301.60	2	218.49	2	11.45	16
203	-17	-16	Max	133.53	104.28	2	90.03	16	98.50	16	-366.00	2	-227.25	2	11.45	16
203	-17	-16	Min.	0.00	-58.24	8	-90.03	10	-21.72	16	-470.25	6	41.83	6	-11.45	10
203	-17	-16	Min.	133.53	-58.24	8	-90.03	10	-98.50	10	-534.66	6	-629.12	6	-11.45	10
203	-18	-17	Max	0.00	45.01	2	30.76	16	60.12	10	-21.15	2	325.52	6	1.33	12
203	-18	-17	Max	133.53	45.01	2	30.76	16	21.57	12	-85.55	2	231.23	2	1.33	12
203	-18	-17	Min.	0.00	1.02	8	-30.76	10	-60.12	16	-189.81	6	302.48	2	-1.33	14
203	-18	-17	Min.	133.53	1.02	8	-30.76	10	-21.57	14	-254.21	6	29.07	6	-1.33	14
203	-19	-18	Max	0.00	60.28	6	32.50	12	19.38	10	259.30	2	234.73	6	14.08	12
203	-19	-18	Max	133.53	60.28	6	32.50	12	59.99	12	194.90	2	315.22	2	14.08	12
203	-19	-18	Min.	0.00	-14.25	4	-32.50	14	-19.38	16	90.64	6	11.96	2	-14.08	14
203	-19	-18	Min.	133.53	-14.25	4	-32.50	14	-59.99	14	26.24	6	312.77	6	-14.08	14
203	-20	-19	Max	0.00	119.55	6	91.77	12	103.27	14	539.75	2	-230.53	6	26.84	12
203	-20	-19	Max	133.53	119.55	6	91.77	12	19.27	12	475.34	2	221.99	6	26.84	12
203	-20	-19	Min.	0.00	-73.52	4	-91.77	14	-103.27	12	371.09	6	-653.01	2	-26.84	14
203	-20	-19	Min.	133.53	-73.52	4	-91.77	14	-19.27	14	306.68	6	24.73	2	-26.84	14
203	204	-20	Max	0.00	159.52	6	131.73	12	127.83	16	701.50	2	-344.64	6	35.34	12
203	204	-20	Max	20.00	159.52	6	131.73	12	102.28	16	691.85	2	-239.04	6	35.34	12
203	204	-20	Min.	0.00	-113.48	4	-131.73	14	-127.83	10	532.84	6	-783.83	2	-35.34	14
203	204	-20	Min.	20.00	-113.48	4	-131.73	14	-102.28	10	523.19	6	-644.50	2	-35.34	14
204	204	-21	Max	0.00	159.52	2	131.73	16	127.83	12	701.50	6	-344.64	2	35.34	16
204	204	-21	Max	20.00	159.52	2	131.73	16	102.28	12	691.85	6	-239.04	2	35.34	16
204	204	-21	Min.	0.00	-113.48	8	-131.73	10	-127.83	14	532.84	2	-783.83	6	-35.34	10
204	204	-21	Min.	20.00	-113.48	8	-131.73	10	-102.28	14	523.19	2	-644.50	6	-35.34	10
204	-21	-22	Max	0.00	119.55	2	91.77	16	103.27	10	539.74	6	-230.53	2	26.84	16
204	-21	-22	Max	133.53	119.55	2	91.77	16	19.27	16	475.34	6	221.99	2	26.84	16
204	-21	-22	Min.	0.00	-73.52	8	-91.77	10	-103.27	16	371.09	2	-653.01	6	-26.84	10
204	-21	-22	Min.	133.53	-73.52	8	-91.77	10	-19.27	10	306.68	2	24.73	6	-26.84	10
204	-22	-23	Max	0.00	60.28	2	32.50	16	19.38	14	259.30	6	234.73	2	14.08	16
204	-22	-23	Max	133.53	60.28	2	32.50	16	59.99	16	194.90	6	315.22	6	14.08	16
204	-22	-23	Min.	0.00	-14.25	8	-32.50	10	-19.38	12	90.64	2	11.96	6	-14.08	10
204	-22	-23	Min.	133.53	-14.25	8	-32.50	10	-59.99	10	26.24	2	312.77	2	-14.08	10
204	-23	-24	Max	0.00	45.01	6	30.76	12	60.12	14	-21.15	6	325.52	2	1.33	16
204	-23	-24	Max	133.53	45.01	6	30.76	12	21.57	16	-85.55	6	231.23	6	1.33	16
204	-23	-24	Min.	0.00	1.02	4	-30.76	14	-60.12	12	-189.81	2	302.48	6	-1.33	10
204	-23	-24	Min.	133.53	1.02	4	-30.76	14	-21.57	10	-254.21	2	29.06	2	-1.33	10
204	-24	-25	Max	0.00	104.28	6	90.03	12	21.72	14	-301.60	6	218.48	6	11.45	12
204	-24	-25	Max	133.53	104.28	6	90.03	12	98.50	12	-366.00	6	-227.25	6	11.45	12
204	-24	-25	Min.	0.00	-58.24	4	-90.03	14	-21.72	12	-470.25	2	41.82	2	-11.45	14
204	-24	-25	Min.	133.53	-58.24	4	-90.03	14	-98.50	14	-534.66	2	-629.12	2	-11.45	14
204	-25	205	Max	0.00	159.07	6	144.82	12	98.65	10	-582.04	6	-239.99	6	24.20	12
204	-25	205	Max	45.87	159.07	6	144.82	12	163.25	10	-604.16	6	-512.02	6	24.20	12
204	-25	205	Min.	0.00	-113.04	4	-144.82	14	-98.65	16	-750.70	2	-616.35	2	-24.20	14
204	-25	205	Min.	45.87	-113.04	4	-144.82	14	-163.25	16	-772.82	2	-965.75	2	-24.20	14
205	205	-26	Max	0.00	84.57	2	151.23	16	163.35	10	783.15	6	-682.60	2	25.36	16
205	205	-26	Max	87.67	84.57	2	151.23	16	33.32	12	740.87	6	-120.75	2	25.36	16
205	205	-26	Min.	0.00	-159.55	6	-151.23	10	-163.35	16	662.03	2	-1062.58	6	-25.36	10
205	205	-26	Min.	87.67	-159.55	6	-151.23	10	-33.32	14	619.75	2	-394.56	6	-25.36	10
205	-26	-27	Max	0.00	27.65	2	94.31	16	33.44	10	524.82	6	-107.98	2	12.61	16
205	-26	-27	Max	133.53	27.65	2	94.31	16	92.49	16	460.42	6	388.10	2	12.61	16
205	-26	-27	Min.	0.00	-102.62	8	-94.31	10	-33.44	16	403.70	2	-407.28	6	-12.61	10
205	-26	-27	Min.	133.53	-102.62	8	-94.31	10	-92.49	10	339.30	2	250.53	6	-12.61	10
205	-27	-28	Max	0.00	-31.62	2	35.04	16	92.56	14	244.38	6	400.84	2	0.28	6
205	-27	-28	Max	133.53	-31.62	2	35.04	16	136.60	16	179.97	6	522.43	2	0.28	6
205	-27	-28	Min.	0.00	-43.35	8	-35.04	10	-92.56	12	123.26	2	237.76	6	-0.28	4
205	-27	-28	Min.	133.53	-43.35	8	-35.04	10	-136.60	10	58.86	2	521.08	6	-0.28	4
205	-28	-29	Max	0.00	15.91	6	28.27	12	136.62	14	-36.07	6	535.18	2	13.02	12
205	-28	-29	Max	133.53	15.91	6	28.27	12	101.58	16	-100.47	6	417.16	6	13.02	12
205	-28	-29	Min.	0.00	-90.88	4	-28.27	14	-136.62	12	-157.19	2	508.32	6	-13.02	14
205	-28	-29	Min.	133.53	-90.88	4	-28.27	14	-101.58	10	-221.59	2	282.29	2	-13.02	14
205	-29	-30	Max	0.00	75.17	6	87.54	12	101.54	14	-316.52	6	404.40	6	25.78	12
205	-29	-30	Max	133.53	75.17	6	87.54	12	15.36	12	-380.92	6	-61.26	6	25.78	12
205	-29	-30	Min.	0.00	-150.15	2	-87.54	14	-101.54	12	-437.64	2	295.02	2	-25.78	14
205	-29	-30	Min.	133.53	-150.15	2	-87.54	14	-15.36	14	-502.04	2	-332.37	2	-25.78	14
205	-30	-31	Max	0.00	132.13	6	144.49	12	15.25	10	-596.96	6	-74.00	6	38.53	12
205	-30	-31	Max	88.20	132.13	6	144.49	12	140.12	12	-639.50	6	-619.28	6	38.53	12
205	-30	-31	Min.	0.00	-207.10	2	-144.49	14	-15.25	16	-718.08	2	-319.60	2	-38.53	14
205	-30	-31	Min.	88.20	-207.10	2	-144.49	14	-140.12	14	-760.62	2	-971.70	2	-38.53	14
206	-31	-32	Max	0.00	167.52	2	121.33	16	139.93	12	717.76	6	-297.41	2	12.12	14
206	-31	-32	Max	45.33	167.52	2	121.33	16	87.59	12	695.90	6	-100.30	2	12.12	14
206	-31	-32	Min.	0.00	-48.05	8	-121.33	10	-139.93	14	445.73	2	-864.12	6	-12.12	12
206	-31	-32	Min.	45.33	-48.05	8	-121.33	10	-87.59	14	423.87	2	-543.69	6	-12.12	12
206	-32	-33	Max	0.00	112.75	2	66.56	16	86.61	10	479.86	6	-87.57	2	3.25	2
206	-32	-33	Max	133.53	112.75	2	66.56	16	10.46	6	415.45	6	146.95	2	3.25	2
206	-32	-33	Min.	0.00	6.72	8	-66.56	10	-86.61	16	207.83	2	-556.46	6	-3.25	8
206	-32	-33	Min.	133.53	6.72	8	-66.56	10	-10.46	4	143.42	2	41.31	6	-3.25	8
206	-33	-34	Max	0.00	65.98	6	11.09	8	1.53	6	199.41	6	159.71	2	15.06	10
206	-33	-34	Max	46.83					-3.01	10			119.11	10		
206	-33	-34	Max	133.53	65.98	6	11.09	8	15.86	8	135.00	6	251.86	6	15.06	10
206	-33	-34	Min.	0.00	53.48	4	-11.09	2	-1.53	4	-72.62	2	28.58	6	-15.06	16
206	-33	-34	Min.	46.83					-3.01	10			119.11	10		
206	-33	-34	Min.	133.53	53.48	4	-11.09	2	-15.86	2	-137.03	2	19.74	2	-15.06	16
206	-34	-35	Max	0.00	125.24	6	57.84	12	6.93	8	-81.04	6	239.10	6	27.82	10
206	-34	-35	Max	133.53	125.24	6	57.84	12	73.83	12	-145.44	6	87.89	6	27.82	10
206	-34	-35	Min.	0.00	-5.78	4	-57.84	14	-6.93	2	-353.07	2	32.49	2	-27.81	16
206	-34	-35	Min.	133.53	-5.78	4	-57.84	14	-73.83	14	-417.47	2	-481.97	2	-27.81	16
206	-35	-36	Max	0.00	180.46	6	113.05	12	71.15	12	-361.48	6	75.14	6	40.57	10
206	-35	-36	Max	54.07	180.46	6	113.05	12	132.28	12	-387.56	6	-127.35	6	40.57	10
206	-35	-36	Min.	0.00	-61.00	4	-113.05	14	-71.15	14	-633.51	2	-469.21	2	-40.57	16

206	-35	-36	Min.	54.07	-61.00	4	-113.05	14	-132.28	14	-659.59	2	-818.78	2	-40.57	16
206	-36	-37	Max	0.00	95.46	2	95.46	14	132.33	12	470.88	2	-583.83	6	21.26	14
206	-36	-37	Max	79.47	95.46	2	95.46	14	56.48	12	432.55	2	-224.86	6	21.26	14
206	-36	-37	Min.	0.00	-95.46	6	-95.46	10	-132.33	14	470.88	2	-626.35	2	-21.26	10
206	-36	-37	Min.	79.47	-95.46	6	-95.46	10	-56.48	14	432.55	2	-267.38	2	-21.26	10
206	-37	-38	Max	0.00	38.95	2	38.95	14	53.79	12	216.51	2	-237.60	6	8.51	14
206	-37	-38	Max	133.53	38.95	2	38.95	14	5.96	8	152.11	2	8.51	6	8.51	14
206	-37	-38	Min.	0.00	-38.95	6	-38.95	10	-53.79	14	216.51	2	-254.61	2	-8.51	10
206	-37	-38	Min.	133.53	-38.95	6	-38.95	10	-5.96	2	152.11	2	-8.50	2	-8.51	10
301	-3	-60	Max	0.00	65.65	14	5.84	6	8.75	2	48.40	10	-30.68	14	0.00	2
301	-3	-60	Max	150.00	13.13	14	5.84	6	0.00	2	11.63	10	0.00	14	0.00	2
301	-3	-60	Min.	0.00	58.95	10	-5.84	2	-8.75	6	38.84	14	-45.02	10	0.00	2
301	-3	-60	Min.	150.00	6.43	10	-5.84	2	0.00	6	2.07	14	0.00	10	0.00	2
301	-59	-3	Max	0.00	-2.46	10	12.76	2	0.00	2	3.60	14	0.00	2	0.00	2
301	-59	-3	Max	14.70					0.56	14			0.26	14		
301	-59	-3	Max	150.00	-54.98	10	12.76	2	19.14	2	-33.17	14	-22.18	14	0.00	2
301	-59	-3	Min.	0.00	-17.10	14	-12.76	6	0.00	6	-17.30	10	0.00	2	0.00	6
301	-59	-3	Min.	14.70					0.56	14			0.26	14		
301	-59	-3	Min.	150.00	-69.62	14	-12.76	6	-19.14	6	-54.07	10	-53.53	10	0.00	6
302	-4	-47	Max	0.00	93.50	14	8.75	6	13.12	2	69.12	10	-45.99	14	0.00	2
302	-4	-47	Max	150.00	24.58	14	8.75	6	0.00	2	20.86	10	0.00	14	0.00	2
302	-4	-47	Min.	0.00	83.47	10	-8.75	2	-13.12	6	54.79	14	-67.49	10	0.00	2
302	-4	-47	Min.	150.00	14.54	10	-8.75	2	0.00	6	6.53	14	0.00	10	0.00	2
302	-46	-4	Max	0.00	-8.59	10	19.13	2	0.00	6	1.97	14	0.00	6	0.00	6
302	-46	-4	Max	6.13					0.35	14			0.06	14		
302	-46	-4	Max	150.00	-77.52	10	19.13	2	28.69	2	-46.29	14	-33.24	14	0.00	6
302	-46	-4	Min.	0.00	-30.53	14	-19.13	6	0.00	2	-29.36	10	0.00	2	0.00	2
302	-46	-4	Min.	6.13					0.35	14			0.06	14		
302	-46	-4	Min.	150.00	-99.46	14	-19.13	6	-28.69	6	-77.63	10	-80.24	10	0.00	2
303	-6	-48	Max	0.00	93.50	14	8.75	6	13.12	2	69.12	10	-45.99	14	0.00	2
303	-6	-48	Max	150.00	24.58	14	8.75	6	0.00	2	20.86	10	0.00	14	0.00	2
303	-6	-48	Min.	0.00	83.47	10	-8.75	2	-13.12	6	54.79	14	-67.49	10	0.00	2
303	-6	-48	Min.	150.00	14.54	10	-8.75	2	0.00	6	6.53	14	0.00	10	0.00	2
303	-49	-6	Max	0.00	-8.59	10	19.13	2	0.00	8	1.97	14	0.00	10	0.00	4
303	-49	-6	Max	6.13					0.35	14			0.06	14		
303	-49	-6	Max	150.00	-77.52	10	19.13	2	28.69	2	-46.29	14	-33.24	14	0.00	4
303	-49	-6	Min.	0.00	-30.53	14	-19.13	6	0.00	2	-29.36	10	0.00	14	0.00	6
303	-49	-6	Min.	6.13					0.35	14			0.06	14		
303	-49	-6	Min.	150.00	-99.46	14	-19.13	6	-28.69	6	-77.63	10	-80.24	10	0.00	6
304	-7	-96	Max	0.00	93.50	14	8.75	6	13.12	2	69.12	10	-45.99	14	0.00	2
304	-7	-96	Max	150.00	24.58	14	8.75	6	0.00	2	20.86	10	0.00	14	0.00	2
304	-7	-96	Min.	0.00	83.47	10	-8.75	2	-13.12	6	54.79	14	-67.49	10	0.00	2
304	-7	-96	Min.	150.00	14.54	10	-8.75	2	0.00	6	6.53	14	0.00	10	0.00	2
304	-95	-7	Max	0.00	-8.59	10	19.13	2	0.00	6	1.97	14	0.00	2	0.00	2
304	-95	-7	Max	6.13					0.35	14			0.06	14		
304	-95	-7	Max	150.00	-77.52	10	19.13	2	28.69	2	-46.29	14	-33.24	14	0.00	2
304	-95	-7	Min.	0.00	-30.53	14	-19.13	6	0.00	2	-29.36	10	0.00	2	0.00	6
304	-95	-7	Min.	6.13					0.35	14			0.06	14		
304	-95	-7	Min.	150.00	-99.46	14	-19.13	6	-28.69	6	-77.63	10	-80.24	10	0.00	6
305	-8	-66	Max	0.00	93.50	14	8.75	6	13.12	2	69.12	10	-45.99	14	0.00	2
305	-8	-66	Max	150.00	24.58	14	8.75	6	0.00	2	20.86	10	0.00	14	0.00	2
305	-8	-66	Min.	0.00	83.47	10	-8.75	2	-13.12	6	54.79	14	-67.49	10	0.00	2
305	-8	-66	Min.	150.00	14.54	10	-8.75	2	0.00	6	6.53	14	0.00	10	0.00	2
305	-67	-8	Max	0.00	-8.59	10	19.13	2	0.00	6	1.97	14	0.00	14	0.00	4
305	-67	-8	Max	6.13					0.35	14			0.06	14		
305	-67	-8	Max	150.00	-77.52	10	19.13	2	28.69	2	-46.29	14	-33.24	14	0.00	4
305	-67	-8	Min.	0.00	-30.53	14	-19.13	6	0.00	4	-29.36	10	0.00	12	0.00	6
305	-67	-8	Min.	6.13					0.35	14			0.06	14		
305	-67	-8	Min.	150.00	-99.46	14	-19.13	6	-28.69	6	-77.63	10	-80.24	10	0.00	6
306	-9	-69	Max	0.00	93.50	14	8.75	6	13.12	2	69.12	10	-45.99	14	0.00	2
306	-9	-69	Max	150.00	24.58	14	8.75	6	0.00	2	20.86	10	0.00	14	0.00	2
306	-9	-69	Min.	0.00	83.47	10	-8.75	2	-13.12	6	54.79	14	-67.49	10	0.00	2
306	-9	-69	Min.	150.00	14.54	10	-8.75	2	0.00	6	6.53	14	0.00	10	0.00	2
306	-68	-9	Max	0.00	-8.59	10	19.13	2	0.00	14	1.97	14	0.00	14	0.00	10
306	-68	-9	Max	6.13					0.35	14			0.06	14		
306	-68	-9	Max	150.00	-77.52	10	19.13	2	28.69	2	-46.29	14	-33.24	14	0.00	10
306	-68	-9	Min.	0.00	-30.53	14	-19.13	6	0.00	10	-29.36	10	0.00	10	0.00	14
306	-68	-9	Min.	6.13					0.35	14			0.06	14		
306	-68	-9	Min.	150.00	-99.46	14	-19.13	6	-28.69	6	-77.63	10	-80.24	10	0.00	14
307	-11	-70	Max	0.00	93.50	14	8.75	6	13.12	2	69.12	10	-45.99	14	0.00	2
307	-11	-70	Max	150.00	24.58	14	8.75	6	0.00	2	20.86	10	0.00	14	0.00	2
307	-11	-70	Min.	0.00	83.47	10	-8.75	2	-13.12	6	54.79	14	-67.49	10	0.00	2
307	-11	-70	Min.	150.00	14.54	10	-8.75	2	0.00	6	6.53	14	0.00	10	0.00	2
307	-71	-11	Max	0.00	-8.59	10	19.13	2	0.00	8	1.97	14	0.00	14	0.00	6
307	-71	-11	Max	6.13					0.35	14			0.06	14		
307	-71	-11	Max	150.00	-77.52	10	19.13	2	28.69	2	-46.29	14	-33.24	14	0.00	6
307	-71	-11	Min.	0.00	-30.53	14	-19.13	6	0.00	2	-29.36	10	0.00	12	0.00	4
307	-71	-11	Min.	6.13					0.35	14			0.06	14		
307	-71	-11	Min.	150.00	-99.46	14	-19.13	6	-28.69	6	-77.63	10	-80.24	10	0.00	4
308	-12	-72	Max	0.00	93.50	14	8.75	6	13.12	2	69.12	10	-45.99	14	0.00	2
308	-12	-72	Max	150.00	24.58	14	8.75	6	0.00	2	20.86	10	0.00	14	0.00	2
308	-12	-72	Min.	0.00	83.47	10	-8.75	2	-13.12	6	54.79	14	-67.49	10	0.00	2
308	-12	-72	Min.	150.00	14.54	10	-8.75	2	0.00	6	6.53	14	0.00	10	0.00	2
308	-73	-12	Max	0.00	-8.59	10	19.13	2	0.00	14	1.97	14	0.00	14	0.00	2
308	-73	-12	Max	6.13					0.35	14			0.06	14		
308	-73	-12	Max	150.00	-77.52	10	19.13	2	28.69	2	-46.29	14	-33.24	14	0.00	2
308	-73	-12	Min.	0.00	-30.53	14	-19.13	6	0.00	10	-29.36	10	0.00	10	0.00	2
308	-73	-12	Min.	6.13					0.35	14			0.06	14		
308	-73	-12	Min.	150.00	-99.46	14	-19.13	6	-28.69	6	-77.63	10	-80.24	10	0.00	2
309	-13	-74	Max	0.00	93.50	14	8.75	6	13.12	2	69.12	10	-45.99	14	0.00	2
309	-13	-74	Max	150.00	24.58	14	8.75	6	0.00	2	20.86	10	0.00	14	0.00	2
309	-13	-74	Min.	0.00	83.47	10	-8.75	2	-13.12	6	54.79	14	-67.49	10	0.00	2
309	-13	-74	Min.	150.00	14.54	10	-8.75	2	0.00	6	6.53	14	0.00	10	0.00	2
309	-75	-13	Max	0.00	-8.59	10	19.13	2	0.00	4	1.97	14	0.00	16	0.00	6
309	-75	-13	Max	6.13					0.35	14			0.06	14		
309	-75	-13	Max	150.00	-77.52	10	19.13	2	28.69	2	-46.29	14	-33.24	14	0.00	6
309	-75	-13	Min.	0.00	-30.53	14	-19.13	6	0.00	6	-29.36	10	0.00	10	0.00	2
309	-75	-13	Min.	6.13					0.35	14			0.06	14		
309	-75	-13	Min.	150.00	-99.46	14	-19.13	6	-28.69	6	-77.63	10	-80.24	10	0.00	2
310	-14	-90	Max	0.00	93.50	14	8.75	6	13.12	2	69.12	10	-45.99	14	0.00	2
310	-14	-90	Max	150.00	24.58	14	8.75	6	0.00	2	20.86	10	0.00	14	0.00	2

310	-14	-90	Min.	0.00	83.47	10	-8.75	2	-13.12	6	54.79	14	-67.49	10	0.00	2
310	-14	-90	Min.	150.00	14.54	10	-8.75	2	0.00	6	6.53	14	0.00	10	0.00	2
310	-91	-14	Max	0.00	-8.59	10	19.13	2	0.00	6	1.97	14	0.00	2	0.00	6
310	-91	-14	Max	6.13					0.35	14			0.06	14		
310	-91	-14	Max	150.00	-77.52	10	19.13	2	28.69	2	-46.29	14	-33.24	14	0.00	6
310	-91	-14	Min.	0.00	-30.53	14	-19.13	6	0.00	2	-29.36	10	0.00	6	0.00	2
310	-91	-14	Min.	6.13					0.35	14			0.06	14		
310	-91	-14	Min.	150.00	-99.46	14	-19.13	6	-28.69	6	-77.63	10	-80.24	10	0.00	2
311	-15	-92	Max	0.00	93.50	14	8.75	6	13.12	2	69.12	10	-45.99	14	0.00	2
311	-15	-92	Max	150.00	24.58	14	8.75	6	0.00	2	20.86	10	0.00	14	0.00	2
311	-15	-92	Min.	0.00	83.47	10	-8.75	2	-13.12	6	54.79	14	-67.49	10	0.00	2
311	-15	-92	Min.	150.00	14.54	10	-8.75	2	0.00	6	6.53	14	0.00	10	0.00	2
311	-93	-15	Max	0.00	-8.59	10	19.13	2	0.00	2	1.97	14	0.00	6	0.00	2
311	-93	-15	Max	6.13					0.35	14			0.06	14		
311	-93	-15	Max	150.00	-77.52	10	19.13	2	28.69	2	-46.29	14	-33.24	14	0.00	2
311	-93	-15	Min.	0.00	-30.53	14	-19.13	6	0.00	6	-29.36	10	0.00	2	0.00	6
311	-93	-15	Min.	6.13					0.35	14			0.06	14		
311	-93	-15	Min.	150.00	-99.46	14	-19.13	6	-28.69	6	-77.63	10	-80.24	10	0.00	6
312	-16	-98	Max	0.00	93.50	14	8.75	6	13.12	2	69.12	10	-45.99	14	0.00	2
312	-16	-98	Max	150.00	24.58	14	8.75	6	0.00	2	20.86	10	0.00	14	0.00	2
312	-16	-98	Min.	0.00	83.47	10	-8.75	2	-13.12	6	54.79	14	-67.49	10	0.00	2
312	-16	-98	Min.	150.00	14.54	10	-8.75	2	0.00	6	6.53	14	0.00	10	0.00	2
312	-94	-16	Max	0.00	-8.59	10	19.13	2	0.00	10	1.97	14	0.00	10	0.00	6
312	-94	-16	Max	6.13					0.35	14			0.06	14		
312	-94	-16	Max	150.00	-77.52	10	19.13	2	28.69	2	-46.29	14	-33.24	14	0.00	6
312	-94	-16	Min.	0.00	-30.53	14	-19.13	6	0.00	14	-29.36	10	0.00	14	0.00	4
312	-94	-16	Min.	6.13					0.35	14			0.06	14		
312	-94	-16	Min.	150.00	-99.46	14	-19.13	6	-28.69	6	-77.63	10	-80.24	10	0.00	4
313	-17	-97	Max	0.00	93.50	14	8.75	6	13.12	2	69.12	10	-45.99	14	0.00	2
313	-17	-97	Max	150.00	24.58	14	8.75	6	0.00	2	20.86	10	0.00	14	0.00	2
313	-17	-97	Min.	0.00	83.47	10	-8.75	2	-13.12	6	54.79	14	-67.49	10	0.00	2
313	-17	-97	Min.	150.00	14.54	10	-8.75	2	0.00	6	6.53	14	0.00	10	0.00	2
313	-42	-17	Max	0.00	-8.59	10	19.13	2	0.00	6	1.97	14	0.00	12	0.00	6
313	-42	-17	Max	6.13					0.35	14			0.06	14		
313	-42	-17	Max	150.00	-77.52	10	19.13	2	28.69	2	-46.29	14	-33.24	14	0.00	6
313	-42	-17	Min.	0.00	-30.53	14	-19.13	6	0.00	2	-29.36	10	0.00	14	0.00	4
313	-42	-17	Min.	6.13					0.35	14			0.06	14		
313	-42	-17	Min.	150.00	-99.46	14	-19.13	6	-28.69	6	-77.63	10	-80.24	10	0.00	4
314	-18	-43	Max	0.00	93.50	14	8.75	6	13.12	2	69.12	10	-45.99	14	0.00	2
314	-18	-43	Max	150.00	24.58	14	8.75	6	0.00	2	20.86	10	0.00	14	0.00	2
314	-18	-43	Min.	0.00	83.47	10	-8.75	2	-13.12	6	54.79	14	-67.49	10	0.00	2
314	-18	-43	Min.	150.00	14.54	10	-8.75	2	0.00	6	6.53	14	0.00	10	0.00	2
314	-44	-18	Max	0.00	-8.59	10	19.13	2	0.00	14	1.97	14	0.00	14	0.00	6
314	-44	-18	Max	6.13					0.35	14			0.06	14		
314	-44	-18	Max	150.00	-77.52	10	19.13	2	28.69	2	-46.29	14	-33.24	14	0.00	6
314	-44	-18	Min.	0.00	-30.53	14	-19.13	6	0.00	10	-29.36	10	0.00	10	0.00	2
314	-44	-18	Min.	6.13					0.35	14			0.06	14		
314	-44	-18	Min.	150.00	-99.46	14	-19.13	6	-28.69	6	-77.63	10	-80.24	10	0.00	2
315	-19	-45	Max	0.00	93.50	14	8.75	6	13.12	2	69.12	10	-45.99	14	0.00	2
315	-19	-45	Max	150.00	24.58	14	8.75	6	0.00	2	20.86	10	0.00	14	0.00	2
315	-19	-45	Min.	0.00	83.47	10	-8.75	2	-13.12	6	54.79	14	-67.49	10	0.00	2
315	-19	-45	Min.	150.00	14.54	10	-8.75	2	0.00	6	6.53	14	0.00	10	0.00	2
315	-58	-19	Max	0.00	-8.59	10	19.13	2	0.00	8	1.97	14	0.00	14	0.00	8
315	-58	-19	Max	6.13					0.35	14			0.06	14		
315	-58	-19	Max	150.00	-77.52	10	19.13	2	28.69	2	-46.29	14	-33.24	14	0.00	8
315	-58	-19	Min.	0.00	-30.53	14	-19.13	6	0.00	2	-29.36	10	0.00	12	0.00	2
315	-58	-19	Min.	6.13					0.35	14			0.06	14		
315	-58	-19	Min.	150.00	-99.46	14	-19.13	6	-28.69	6	-77.63	10	-80.24	10	0.00	2
316	-20	-63	Max	0.00	65.65	14	5.84	6	8.75	2	48.40	10	-30.68	14	0.00	2
316	-20	-63	Max	150.00	13.13	14	5.84	6	0.00	2	11.63	10	0.00	14	0.00	2
316	-20	-63	Min.	0.00	58.95	10	-5.84	2	-8.75	6	38.84	14	-45.02	10	0.00	2
316	-20	-63	Min.	150.00	6.43	10	-5.84	2	0.00	6	2.07	14	0.00	10	0.00	2
316	-65	-20	Max	0.00	-2.46	10	12.76	2	0.00	4	3.60	14	0.00	14	0.00	6
316	-65	-20	Max	14.70					0.56	14			0.26	14		
316	-65	-20	Max	150.00	-54.98	10	12.76	2	19.14	2	-33.17	14	-22.18	14	0.00	6
316	-65	-20	Min.	0.00	-17.10	14	-12.76	6	0.00	6	-17.30	10	0.00	10	0.00	4
316	-65	-20	Min.	14.70					0.56	14			0.26	14		
316	-65	-20	Min.	150.00	-69.62	14	-12.76	6	-19.14	6	-54.07	10	-53.53	10	0.00	4
317	-21	-51	Max	0.00	65.65	14	5.84	6	8.75	2	48.40	10	-30.68	14	0.00	2
317	-21	-51	Max	150.00	13.13	14	5.84	6	0.00	2	11.63	10	0.00	14	0.00	2
317	-21	-51	Min.	0.00	58.95	10	-5.84	2	-8.75	6	38.84	14	-45.02	10	0.00	2
317	-21	-51	Min.	150.00	6.43	10	-5.84	2	0.00	6	2.07	14	0.00	10	0.00	2
317	-50	-21	Max	0.00	-2.46	10	12.76	2	0.00	8	3.60	14	0.00	10	0.00	2
317	-50	-21	Max	14.70					0.56	14			0.26	14		
317	-50	-21	Max	150.00	-54.98	10	12.76	2	19.14	2	-33.17	14	-22.18	14	0.00	2
317	-50	-21	Min.	0.00	-17.10	14	-12.76	6	0.00	2	-17.30	10	0.00	14	0.00	6
317	-50	-21	Min.	14.70					0.56	14			0.26	14		
317	-50	-21	Min.	150.00	-69.62	14	-12.76	6	-19.14	6	-54.07	10	-53.53	10	0.00	6
318	-22	-53	Max	0.00	93.50	14	8.75	6	13.12	2	69.12	10	-45.99	14	0.00	2
318	-22	-53	Max	150.00	24.58	14	8.75	6	0.00	2	20.86	10	0.00	14	0.00	2
318	-22	-53	Min.	0.00	83.47	10	-8.75	2	-13.12	6	54.79	14	-67.49	10	0.00	2
318	-22	-53	Min.	150.00	14.54	10	-8.75	2	0.00	6	6.53	14	0.00	10	0.00	2
318	-52	-22	Max	0.00	-8.59	10	19.13	2	0.00	6	1.97	14	0.00	14	0.00	6
318	-52	-22	Max	6.13					0.35	14			0.06	14		
318	-52	-22	Max	150.00	-77.52	10	19.13	2	28.69	2	-46.29	14	-33.24	14	0.00	6
318	-52	-22	Min.	0.00	-30.53	14	-19.13	6	0.00	2	-29.36	10	0.00	12	0.00	4
318	-52	-22	Min.	6.13					0.35	14			0.06	14		
318	-52	-22	Min.	150.00	-99.46	14	-19.13	6	-28.69	6	-77.63	10	-80.24	10	0.00	4
319	-23	-55	Max	0.00	93.50	14	8.75	6	13.12	2	69.12	10	-45.99	14	0.00	2
319	-23	-55	Max	150.00	24.58	14	8.75	6	0.00	2	20.86	10	0.00	14	0.00	2
319	-23	-55	Min.	0.00	83.47	10	-8.75	2	-13.12	6	54.79	14	-67.49	10	0.00	2
319	-23	-55	Min.	150.00	14.54	10	-8.75	2	0.00	6	6.53	14	0.00	10	0.00	2
319	-54	-23	Max	0.00	-8.59	10	19.13	2	0.00	2	1.97	14	0.00	2	0.00	6
319	-54	-23	Max	6.13					0.35	14			0.06	14		
319	-54	-23	Max	150.00	-77.52	10	19.13	2	28.69	2	-46.29	14	-33.24	14	0.00	6
319	-54	-23	Min.	0.00	-30.53	14	-19.13	6	0.00	6	-29.36	10	0.00	2	0.00	2
319	-54	-23	Min.	6.13					0.35	14			0.06	14		
319	-54	-23	Min.	150.00	-99.46	14	-19.13	6	-28.69	6	-77.63	10	-80.24	10	0.00	2
320	-24	-57	Max	0.00	93.50	14	8.75	6	13.12	2	69.12	10	-45.99	14	0.00	2
320	-24	-57	Max	150.00	24.58	14	8.75	6	0.00	2	20.86	10	0.00	14	0.00	2
320	-24	-57	Min.	0.00	83.47	10	-8.75	2	-13.12	6	54.79	14	-67.49	10	0.00	2

320	-24	-57	Min.	150.00	14.54	10	-8.75	2	0.00	6	6.53	14	0.00	10	0.00	2
320	-56	-24	Max	0.00	-8.59	10	19.13	2	0.00	8	1.97	14	0.00	16	0.00	2
320	-56	-24	Max	6.13					0.35	14			0.06	14		
320	-56	-24	Max	150.00	-77.52	10	19.13	2	28.69	2	-46.29	14	-33.24	14	0.00	2
320	-56	-24	Min.	0.00	-30.53	14	-19.13	6	0.00	2	-29.36	10	0.00	10	0.00	8
320	-56	-24	Min.	6.13					0.35	14			0.06	14		
320	-56	-24	Min.	150.00	-99.46	14	-19.13	6	-28.69	6	-77.63	10	-80.24	10	0.00	8
322	-25	-41	Max	0.00	93.50	14	8.75	6	13.12	2	69.12	10	-45.99	14	0.00	2
322	-25	-41	Max	150.00	24.58	14	8.75	6	0.00	2	20.86	10	0.00	14	0.00	2
322	-25	-41	Min.	0.00	83.47	10	-8.75	2	-13.12	6	54.79	14	-67.49	10	0.00	2
322	-25	-41	Min.	150.00	14.54	10	-8.75	2	0.00	6	6.53	14	0.00	10	0.00	2
322	-64	-25	Max	0.00	-8.59	10	19.13	2	0.00	6	1.97	14	0.00	10	0.00	6
322	-64	-25	Max	6.13					0.35	14			0.06	14		
322	-64	-25	Max	150.00	-77.52	10	19.13	2	28.69	2	-46.29	14	-33.24	14	0.00	6
322	-64	-25	Min.	0.00	-30.53	14	-19.13	6	0.00	2	-29.36	10	0.00	16	0.00	4
322	-64	-25	Min.	6.13					0.35	14			0.06	14		
322	-64	-25	Min.	150.00	-99.46	14	-19.13	6	-28.69	6	-77.63	10	-80.24	10	0.00	4
323	-26	-77	Max	0.00	93.50	14	8.75	6	13.12	2	69.12	10	-45.99	14	0.00	2
323	-26	-77	Max	150.00	24.58	14	8.75	6	0.00	2	20.86	10	0.00	14	0.00	2
323	-26	-77	Min.	0.00	83.47	10	-8.75	2	-13.12	6	54.79	14	-67.49	10	0.00	2
323	-26	-77	Min.	150.00	14.54	10	-8.75	2	0.00	6	6.53	14	0.00	10	0.00	2
323	-76	-26	Max	0.00	-8.59	10	19.13	2	0.00	4	1.97	14	0.00	14	0.00	6
323	-76	-26	Max	6.13					0.35	14			0.06	14		
323	-76	-26	Max	150.00	-77.52	10	19.13	2	28.69	2	-46.29	14	-33.24	14	0.00	6
323	-76	-26	Min.	0.00	-30.53	14	-19.13	6	0.00	6	-29.36	10	0.00	10	0.00	4
323	-76	-26	Min.	6.13					0.35	14			0.06	14		
323	-76	-26	Min.	150.00	-99.46	14	-19.13	6	-28.69	6	-77.63	10	-80.24	10	0.00	4
324	-27	-79	Max	0.00	93.50	14	8.75	6	13.12	2	69.12	10	-45.99	14	0.00	2
324	-27	-79	Max	150.00	24.58	14	8.75	6	0.00	2	20.86	10	0.00	14	0.00	2
324	-27	-79	Min.	0.00	83.47	10	-8.75	2	-13.12	6	54.79	14	-67.49	10	0.00	2
324	-27	-79	Min.	150.00	14.54	10	-8.75	2	0.00	6	6.53	14	0.00	10	0.00	2
324	-78	-27	Max	0.00	-8.59	10	19.13	2	0.00	6	1.97	14	0.00	14	0.00	6
324	-78	-27	Max	6.13					0.35	14			0.06	14		
324	-78	-27	Max	150.00	-77.52	10	19.13	2	28.69	2	-46.29	14	-33.24	14	0.00	6
324	-78	-27	Min.	0.00	-30.53	14	-19.13	6	0.00	2	-29.36	10	0.00	10	0.00	4
324	-78	-27	Min.	6.13					0.35	14			0.06	14		
324	-78	-27	Min.	150.00	-99.46	14	-19.13	6	-28.69	6	-77.63	10	-80.24	10	0.00	4
325	-28	-81	Max	0.00	93.50	14	8.75	6	13.12	2	69.12	10	-45.99	14	0.00	2
325	-28	-81	Max	150.00	24.58	14	8.75	6	0.00	2	20.86	10	0.00	14	0.00	2
325	-28	-81	Min.	0.00	83.47	10	-8.75	2	-13.12	6	54.79	14	-67.49	10	0.00	2
325	-28	-81	Min.	150.00	14.54	10	-8.75	2	0.00	6	6.53	14	0.00	10	0.00	2
325	-80	-28	Max	0.00	-8.59	10	19.13	2	0.00	4	1.97	14	0.00	14	0.00	2
325	-80	-28	Max	6.13					0.35	14			0.06	14		
325	-80	-28	Max	150.00	-77.52	10	19.13	2	28.69	2	-46.29	14	-33.24	14	0.00	2
325	-80	-28	Min.	0.00	-30.53	14	-19.13	6	0.00	6	-29.36	10	0.00	10	0.00	8
325	-80	-28	Min.	6.13					0.35	14			0.06	14		
325	-80	-28	Min.	150.00	-99.46	14	-19.13	6	-28.69	6	-77.63	10	-80.24	10	0.00	8
326	-29	-83	Max	0.00	93.50	14	8.75	6	13.12	2	69.12	10	-45.99	14	0.00	2
326	-29	-83	Max	150.00	24.58	14	8.75	6	0.00	2	20.86	10	0.00	14	0.00	2
326	-29	-83	Min.	0.00	83.47	10	-8.75	2	-13.12	6	54.79	14	-67.49	10	0.00	2
326	-29	-83	Min.	150.00	14.54	10	-8.75	2	0.00	6	6.53	14	0.00	10	0.00	2
326	-82	-29	Max	0.00	-8.59	10	19.13	2	0.00	8	1.97	14	0.00	14	0.00	4
326	-82	-29	Max	6.13					0.35	14			0.06	14		
326	-82	-29	Max	150.00	-77.52	10	19.13	2	28.69	2	-46.29	14	-33.24	14	0.00	4
326	-82	-29	Min.	0.00	-30.53	14	-19.13	6	0.00	2	-29.36	10	0.00	10	0.00	6
326	-82	-29	Min.	6.13					0.35	14			0.06	14		
326	-82	-29	Min.	150.00	-99.46	14	-19.13	6	-28.69	6	-77.63	10	-80.24	10	0.00	6
327	-30	-85	Max	0.00	93.50	14	8.75	6	13.12	2	69.12	10	-45.99	14	0.00	2
327	-30	-85	Max	150.00	24.58	14	8.75	6	0.00	2	20.86	10	0.00	14	0.00	2
327	-30	-85	Min.	0.00	83.47	10	-8.75	2	-13.12	6	54.79	14	-67.49	10	0.00	2
327	-30	-85	Min.	150.00	14.54	10	-8.75	2	0.00	6	6.53	14	0.00	10	0.00	2
327	-84	-30	Max	0.00	-8.59	10	19.13	2	0.00	6	1.97	14	0.00	16	0.00	2
327	-84	-30	Max	6.13					0.35	14			0.06	14		
327	-84	-30	Max	150.00	-77.52	10	19.13	2	28.69	2	-46.29	14	-33.24	14	0.00	2
327	-84	-30	Min.	0.00	-30.53	14	-19.13	6	0.00	4	-29.36	10	0.00	10	0.00	6
327	-84	-30	Min.	6.13					0.35	14			0.06	14		
327	-84	-30	Min.	150.00	-99.46	14	-19.13	6	-28.69	6	-77.63	10	-80.24	10	0.00	6
329	-32	-86	Max	0.00	93.50	14	8.75	6	13.12	2	69.12	10	-45.99	14	0.00	2
329	-32	-86	Max	150.00	24.58	14	8.75	6	0.00	2	20.86	10	0.00	14	0.00	2
329	-32	-86	Min.	0.00	83.47	10	-8.75	2	-13.12	6	54.79	14	-67.49	10	0.00	2
329	-32	-86	Min.	150.00	14.54	10	-8.75	2	0.00	6	6.53	14	0.00	10	0.00	2
329	-87	-32	Max	0.00	-8.59	10	19.13	2	0.00	8	1.97	14	0.00	14	0.00	2
329	-87	-32	Max	6.13					0.35	14			0.06	14		
329	-87	-32	Max	150.00	-77.52	10	19.13	2	28.69	2	-46.29	14	-33.24	14	0.00	2
329	-87	-32	Min.	0.00	-30.53	14	-19.13	6	0.00	2	-29.36	10	0.00	10	0.00	6
329	-87	-32	Min.	6.13					0.35	14			0.06	14		
329	-87	-32	Min.	150.00	-99.46	14	-19.13	6	-28.69	6	-77.63	10	-80.24	10	0.00	6
330	-33	-89	Max	0.00	93.50	14	8.75	6	13.12	2	69.12	10	-45.99	14	0.00	2
330	-33	-89	Max	150.00	24.58	14	8.75	6	0.00	2	20.86	10	0.00	14	0.00	2
330	-33	-89	Min.	0.00	83.47	10	-8.75	2	-13.12	6	54.79	14	-67.49	10	0.00	2
330	-33	-89	Min.	150.00	14.54	10	-8.75	2	0.00	6	6.53	14	0.00	10	0.00	2
330	-88	-33	Max	0.00	-8.59	10	19.13	2	0.00	8	1.97	14	0.00	10	0.00	6
330	-88	-33	Max	6.13					0.35	14			0.06	14		
330	-88	-33	Max	150.00	-77.52	10	19.13	2	28.69	2	-46.29	14	-33.24	14	0.00	6
330	-88	-33	Min.	0.00	-30.53	14	-19.13	6	0.00	2	-29.36	10	0.00	14	0.00	4
330	-88	-33	Min.	6.13					0.35	14			0.06	14		
330	-88	-33	Min.	150.00	-99.46	14	-19.13	6	-28.69	6	-77.63	10	-80.24	10	0.00	4
331	-34	-61	Max	0.00	93.50	14	8.75	6	13.12	2	69.12	10	-45.99	14	0.00	2
331	-34	-61	Max	150.00	24.58	14	8.75	6	0.00	2	20.86	10	0.00	14	0.00	2
331	-34	-61	Min.	0.00	83.47	10	-8.75	2	-13.12	6	54.79	14	-67.49	10	0.00	2
331	-34	-61	Min.	150.00	14.54	10	-8.75	2	0.00	6	6.53	14	0.00	10	0.00	2
331	-62	-34	Max	0.00	-8.59	10	19.13	2	0.00	2	1.97	14	0.00	2	0.00	2
331	-62	-34	Max	6.13					0.35	14			0.06	14		
331	-62	-34	Max	150.00	-77.52	10	19.13	2	28.69	2	-46.29	14	-33.24	14	0.00	2
331	-62	-34	Min.	0.00	-30.53	14	-19.13	6	0.00	6	-29.36	10	0.00	2	0.00	6
331	-62	-34	Min.	6.13					0.35	14			0.06	14		
331	-62	-34	Min.	150.00	-99.46	14	-19.13	6	-28.69	6	-77.63	10	-80.24	10	0.00	6
332	-35	-102	Max	0.00	93.50	14	8.75	6	13.12	2	69.12	10	-45.99	14	0.00	2
332	-35	-102	Max	150.00	24.58	14	8.75	6	0.00	2	20.86	10	0.00	14	0.00	2
332	-35	-102	Min.	0.00	83.47	10	-8.75	2	-13.12	6	54.79	14	-67.49	10	0.00	2
332	-35	-102	Min.	150.00	14.54	10	-8.75	2	0.00	6	6.53	14	0.00	10	0.00	2

332	-101	-35	Max	0.00	-8.59	10	19.13	2	0.00	2	1.97	14	0.00	12	0.00	4
332	-101	-35	Max	6.13					0.35	14			0.06	14		
332	-101	-35	Max	150.00	-77.52	10	19.13	2	28.69	2	-46.29	14	-33.24	14	0.00	4
332	-101	-35	Min.	0.00	-30.53	14	-19.13	6	0.00	8	-29.36	10	0.00	14	0.00	6
332	-101	-35	Min.	6.13					0.35	14			0.06	14		
332	-101	-35	Min.	150.00	-99.46	14	-19.13	6	-28.69	6	-77.63	10	-80.24	10	0.00	6
333	-37	-103	Max	0.00	93.50	14	8.75	6	13.12	2	69.12	10	-45.99	14	0.00	2
333	-37	-103	Max	150.00	24.58	14	8.75	6	0.00	2	20.86	10	0.00	14	0.00	2
333	-37	-103	Min.	0.00	83.47	10	-8.75	2	-13.12	6	54.79	14	-67.49	10	0.00	2
333	-37	-103	Min.	150.00	14.54	10	-8.75	2	0.00	6	6.53	14	0.00	10	0.00	2
333	-104	-37	Max	0.00	-8.59	10	19.13	2	0.00	2	1.97	14	0.00	14	0.00	2
333	-104	-37	Max	6.13					0.35	14			0.06	14		
333	-104	-37	Max	150.00	-77.52	10	19.13	2	28.69	2	-46.29	14	-33.24	14	0.00	2
333	-104	-37	Min.	0.00	-30.53	14	-19.13	6	0.00	8	-29.36	10	0.00	10	0.00	6
333	-104	-37	Min.	6.13					0.35	14			0.06	14		
333	-104	-37	Min.	150.00	-99.46	14	-19.13	6	-28.69	6	-77.63	10	-80.24	10	0.00	6
334	-38	-99	Max	0.00	65.65	14	5.84	6	8.75	2	48.40	10	-30.68	14	0.00	2
334	-38	-99	Max	150.00	13.13	14	5.84	6	0.00	2	11.63	10	0.00	14	0.00	2
334	-38	-99	Min.	0.00	58.95	10	-5.84	2	-8.75	6	38.84	14	-45.02	10	0.00	2
334	-38	-99	Min.	150.00	6.43	10	-5.84	2	0.00	6	2.07	14	0.00	10	0.00	2
334	-100	-38	Max	0.00	-2.46	10	12.76	2	0.00	6	3.60	14	0.00	6	0.00	6
334	-100	-38	Max	14.70					0.56	14			0.26	14		
334	-100	-38	Max	150.00	-54.98	10	12.76	2	19.14	2	-33.17	14	-22.18	14	0.00	6
334	-100	-38	Min.	0.00	-17.10	14	-12.76	6	0.00	2	-17.30	10	0.00	2	0.00	2
334	-100	-38	Min.	14.70					0.56	14			0.26	14		
334	-100	-38	Min.	150.00	-69.62	14	-12.76	6	-19.14	6	-54.07	10	-53.53	10	0.00	2

Tipo di combinazione di carico: SLU

Asta	N1	N2		X <cm>	N <daN>	CC	Ty <daN>	CC	Mz <daNm>	CC	Tz <daN>	CC	My <daNm>	CC	Mx <daNm>	CC
1	1	-5	Max	0.00	-284.49	21	-26.42	21	141.27	28	2116.46	21	5046.51	28	0.08	28
1	1	-5	Max	330.00	-38.48	21	-26.42	21	-58.68	21	2116.46	21	126.12	28	0.08	28
1	1	-5	Min.	0.00	-2804.14	28	-129.33	28	28.49	21	-1491.03	28	-7163.35	21	-0.12	21
1	1	-5	Min.	330.00	-2558.14	28	-129.33	28	-285.52	28	-1491.03	28	-179.02	21	-0.12	21
2	2	-10	Max	0.00	-185.86	21	251.64	28	-2.67	21	2893.27	21	6637.20	28	1.39	28
2	2	-10	Max	330.00	60.15	21	251.64	28	556.07	28	2893.27	21	126.49	21	1.39	28
2	2	-10	Min.	0.00	-3654.04	28	2.21	21	-274.35	28	-2038.28	28	-9421.30	21	-1.97	21
2	2	-10	Min.	330.00	-3408.03	28	2.21	21	4.63	21	-2038.28	28	-89.11	28	-1.97	21
3	3	203	Max	0.00	-199.06	21	1.71	21	174.29	28	3151.63	21	7224.05	28	1.21	21
3	3	203	Max	330.00	46.94	21	1.71	21	3.66	21	3151.63	21	146.06	21	1.21	21
3	3	203	Min.	0.00	-3978.31	28	-159.72	28	-1.98	21	-2220.28	28	-10254.30	21	-0.85	28
3	3	203	Min.	330.00	-3732.30	28	-159.72	28	-352.80	28	-2220.28	28	-102.89	28	-0.85	28
4	4	204	Max	0.00	-344.91	21	0.00	28	0.00	21	1816.71	28	8696.99	21	0.00	21
4	4	204	Max	330.00	-98.90	21	0.00	28	0.00	28	1816.71	28	187.08	21	0.00	21
4	4	204	Min.	0.00	-3369.62	28	-0.00	21	-0.00	28	-2578.76	21	-6126.94	28	0.00	28
4	4	204	Min.	330.00	-3123.61	28	-0.00	21	0.00	21	-2578.76	21	-131.80	28	0.00	28
5	5	205	Max	0.00	-199.06	21	1.71	21	174.29	28	2220.29	28	10254.30	21	0.85	28
5	5	205	Max	330.00	46.94	21	1.71	21	3.66	21	2220.29	28	102.89	28	0.85	28
5	5	205	Min.	0.00	-3978.30	28	-159.72	28	-1.98	21	-3151.63	21	-7224.05	28	-1.21	21
5	5	205	Min.	330.00	-3732.30	28	-159.72	28	-352.80	28	-3151.63	21	-146.06	21	-1.21	21
6	6	-31	Max	0.00	-185.86	21	251.65	28	-2.67	21	2038.27	28	9421.29	21	1.97	21
6	6	-31	Max	330.00	60.15	21	251.65	28	556.08	28	2038.27	28	89.11	28	1.97	21
6	6	-31	Min.	0.00	-3654.04	28	2.21	21	-274.36	28	-2893.27	21	-6637.20	28	-1.39	28
6	6	-31	Min.	330.00	-3408.03	28	2.21	21	4.63	21	-2893.27	21	-126.49	21	-1.39	28
7	7	-36	Max	0.00	-284.48	21	-26.42	21	141.28	28	1491.03	28	7163.36	21	0.12	21
7	7	-36	Max	330.00	-38.48	21	-26.42	21	-58.68	21	1491.03	28	179.02	21	0.12	21
7	7	-36	Min.	0.00	-2804.15	28	-129.33	28	28.49	21	-2116.47	21	-5046.51	28	-0.08	28
7	7	-36	Min.	330.00	-2558.14	28	-129.33	28	-285.53	28	-2116.47	21	-126.12	28	-0.08	28
201	-4	-3	Max	0.00	0.00	17	221.93	28	420.66	21	470.28	28	-70.02	21	0.00	28
201	-4	-3	Max	133.53	0.00	17	221.93	28	0.00	28	386.55	28	0.00	28	0.00	28
201	-4	-3	Min.	0.00	0.00	17	-315.02	21	-296.35	28	94.30	21	-572.08	28	0.00	21
201	-4	-3	Min.	133.53	0.00	17	-315.02	21	0.00	21	10.57	21	0.00	21	0.00	21
201	-5	-4	Max	0.00	0.00	17	665.79	28	1171.67	21	1178.59	28	-90.46	21	0.00	28
201	-5	-4	Max	79.47	0.00	17	665.79	28	420.66	21	1128.76	28	-70.02	21	0.00	28
201	-5	-4	Min.	0.00	0.00	17	-945.07	21	-825.43	28	50.64	21	-1488.85	28	0.00	21
201	-5	-4	Min.	79.47	0.00	17	-945.07	21	-296.35	28	0.82	21	-572.07	28	0.00	21
201	-6	-5	Max	0.00	129.33	28	1171.39	21	538.46	21	46.06	21	-47.52	21	179.02	21
201	-6	-5	Max	54.07	129.33	28	1171.39	21	1171.79	21	12.16	21	-31.78	21	179.02	21
201	-6	-5	Min.	0.00	26.42	21	-825.23	28	-379.34	28	-1345.65	28	-466.62	28	-126.12	28
201	-6	-5	Min.	54.07	26.42	21	-825.23	28	-825.51	28	-1379.55	28	-1203.33	28	-126.12	28
201	-7	-6	Max	0.00	129.33	28	541.34	21	129.92	28	36.31	21	395.08	28	179.02	21
201	-7	-6	Max	57.91					129.07	21			-29.59	21		
201	-7	-6	Max	133.53	129.33	28	541.34	21	538.45	21	-47.42	21	-47.52	21	179.02	21
201	-7	-6	Min.	0.00	26.42	21	-381.37	28	-184.42	21	-603.45	28	-40.10	21	-126.12	28
201	-7	-6	Min.	57.91					129.07	21			-29.59	21		
201	-7	-6	Min.	133.53	26.42	21	-381.37	28	-379.33	28	-687.17	28	-466.62	28	-126.12	28
201	-8	-7	Max	0.00	129.33	28	62.49	28	46.47	28	138.76	28	265.69	28	179.02	21
201	-8	-7	Max	94.17					-89.70	22			90.76	22		
201	-8	-7	Max	133.53	129.33	28	62.49	28	129.92	28	55.04	28	395.08	28	179.02	21
201	-8	-7	Min.	0.00	26.42	21	-88.71	21	-65.96	21	26.55	21	-19.66	21	-126.12	28
201	-8	-7	Min.	42.35					-103.53	21			-14.04	21		
201	-8	-7	Min.	133.53	26.42	21	-88.71	21	-184.42	21	-57.17	21	-40.10	21	-126.12	28
201	-9	-8	Max	0.00	129.33	28	506.36	28	893.82	21	880.97	28	13.80	21	179.02	21
201	-9	-8	Max	26.71					701.86	21			16.06	21		
201	-9	-8	Max	133.53	129.33	28	506.36	28	46.47	28	797.25	28	265.69	28	179.02	21
201	-9	-8	Min.	0.00	26.42	21	-718.76	21	-629.69	28	16.80	21	-854.80	28	-126.12	28
201	-9	-8	Min.	26.71					701.86	21			16.06	21		
201	-9	-8	Min.	133.53	26.42	21	-718.76	21	-65.96	21	-66.93	21	-19.66	21	-126.12	28
201	-10	-9	Max	0.00	129.33	28	950.22	28	1505.29	21	1567.88	28	42.12	21	179.02	21
201	-10	-9	Max	45.33	129.33	28	950.22	28	893.83	21	1539.45	28	13.81	21	179.02	21
201	-10	-9	Min.	0.00	26.42	21	-1348.81	21	-1060.46	28	-48.26	21	-1559.14	28	-126.11	28
201	-10	-9	Min.	45.33	26.42	21	-1348.81	21	-629.69	28	-76.68	21	-854.80	28	-126.11	28
202	-11	-10	Max	0.00	24.21	21	1544.46	21	145.04	21	67.19	21	2.62	21	52.53	21
202	-11	-10	Max	88.20	24.21	21	1544.46	21	1507.26	21	11.89	21	37.50	21	52.53	21
202	-11	-10	Min.	0.00	-122.31	28	-1088.06	28	-102.18	28	-1784.85	28	-516.58	28	-37.01	28
202	-11	-10	Min.	88.20	-122.31	28	-1088.06	28	-1061.85	28	-1840.16	28	-2115.20	28	-37.01	28
202	-12	-11	Max	0.00	24.21	21	914.41	21	758.03	28	57.44	21	931.60	28	52.53	21
202	-12	-11	Max	91.60					-238.35	21			8.14	21		
202	-12	-11	Max	133.53	24.21	21	914.41	21	145.05	21	-26.29	21	2.62	21	52.53	21
202	-12	-11	Min.	0.00	-122.31	28	-644.19	28	-1076.00	21	-1042.65	28	-18.17	21	-37.01	28

202	-12	-11	Min.	91.60					-238.35	21			8.14	21		
202	-12	-11	Min.	133.53	-122.31	28	-644.19	28	-102.19	28	-1126.37	28	-516.58	28	-37.01	28
202	-13	-12	Max	0.00	24.21	21	284.36	21	1025.54	28	47.68	21	1388.69	28	52.52	21
202	-13	-12	Max	76.05					-1239.47	21			-7.81	21		
202	-13	-12	Max	133.53	24.21	21	284.36	21	758.03	28	-36.04	21	931.61	28	52.52	21
202	-13	-12	Min.	0.00	-122.31	28	-200.33	28	-1455.72	21	-300.44	28	-25.94	21	-37.00	28
202	-13	-12	Min.	76.05					-1239.47	21			-7.81	21		
202	-13	-12	Min.	133.53	-122.31	28	-200.33	28	-1076.00	21	-384.16	28	-18.17	21	-37.00	28
202	-14	-13	Max	0.00	24.21	21	243.53	28	700.34	28	441.77	28	854.69	28	52.52	21
202	-14	-13	Max	60.49					-1203.21	21			-9.21	21		
202	-14	-13	Max	133.53	24.21	21	243.53	28	1025.54	28	358.04	28	1388.69	28	52.52	21
202	-14	-13	Min.	0.00	-122.31	28	-345.69	21	-994.11	21	37.93	21	-20.68	21	-37.00	28
202	-14	-13	Min.	60.49					-1203.21	21			-9.21	21		
202	-14	-13	Min.	133.53	-122.31	28	-345.69	21	-1455.72	21	-45.80	21	-25.94	21	-37.00	28
202	-15	-14	Max	0.00	24.21	21	687.39	28	308.82	21	1183.98	28	-2.40	21	52.52	21
202	-15	-14	Max	44.93					-129.57	21			3.93	21		
202	-15	-14	Max	133.53	24.21	21	687.39	28	700.34	28	1100.25	28	854.69	28	52.52	21
202	-15	-14	Min.	0.00	-122.31	28	-975.74	21	-217.56	28	28.17	21	-670.41	28	-37.00	28
202	-15	-14	Min.	44.93					-129.57	21			3.93	21		
202	-15	-14	Min.	133.53	-122.31	28	-975.74	21	-994.12	21	-55.55	21	-20.68	21	-37.00	28
202	203	-15	Max	0.00	24.21	21	1131.26	28	1716.56	21	1897.42	28	30.76	21	52.52	21
202	203	-15	Max	87.67	24.21	21	1131.26	28	308.82	21	1842.46	28	-2.40	21	52.52	21
202	203	-15	Min.	0.00	-122.31	28	-1605.79	21	-1209.30	28	-10.34	21	-2309.73	28	-37.00	28
202	203	-15	Min.	87.67	-122.31	28	-1605.79	21	-217.56	28	-65.31	21	-670.42	28	-37.00	28
203	-16	203	Max	0.00	37.41	28	1545.84	21	1006.28	21	65.36	21	3.71	21	65.89	28
203	-16	203	Max	45.87	37.41	28	1545.84	21	1715.31	21	36.60	21	27.10	21	65.89	28
203	-16	203	Min.	0.00	22.50	21	-1089.03	28	-708.91	28	-1806.11	28	-1121.88	28	-93.54	21
203	-16	203	Min.	45.87	22.50	21	-1089.03	28	-1208.41	28	-1834.87	28	-1956.88	28	-93.54	21
203	-17	-16	Max	0.00	37.41	28	915.79	21	152.58	28	55.60	21	354.66	28	65.89	28
203	-17	-16	Max	88.68					595.57	21			10.02	21		
203	-17	-16	Max	133.53	37.41	28	915.79	21	1006.31	21	-28.12	21	3.71	21	65.89	28
203	-17	-16	Min.	0.00	22.50	21	-645.16	28	-216.58	21	-1063.91	28	-14.63	21	-93.54	21
203	-17	-16	Min.	88.68					595.57	21			10.02	21		
203	-17	-16	Min.	133.53	22.50	21	-645.16	28	-708.93	28	-1147.63	28	-1121.91	28	-93.54	21
203	-18	-17	Max	0.00	37.41	28	285.74	21	421.37	28	45.85	21	840.12	28	65.90	28
203	-18	-17	Max	73.12					-389.19	21			-3.19	21		
203	-18	-17	Max	133.53	37.41	28	285.74	21	152.57	28	-37.88	21	354.64	28	65.90	28
203	-18	-17	Min.	0.00	22.50	21	-201.30	28	-598.13	21	-321.70	28	-19.96	21	-93.54	21
203	-18	-17	Min.	73.12					-389.19	21			-3.19	21		
203	-18	-17	Min.	133.53	22.50	21	-201.30	28	-216.57	21	-405.43	28	-14.64	21	-93.54	21
203	-19	-18	Max	0.00	37.41	28	242.56	28	97.46	28	420.51	28	334.48	28	65.90	28
203	-19	-18	Max	57.57					-336.56	21			-1.86	21		
203	-19	-18	Max	133.53	37.41	28	242.56	28	421.36	28	336.79	28	840.10	28	65.90	28
203	-19	-18	Min.	0.00	22.50	21	-344.31	21	-138.34	21	36.10	21	-12.25	21	-93.54	21
203	-19	-18	Min.	57.57					-336.56	21			-1.86	21		
203	-19	-18	Min.	133.53	22.50	21	-344.31	21	-598.10	21	-47.63	21	-19.95	21	-93.54	21
203	-20	-19	Max	0.00	37.41	28	686.42	28	1162.72	21	1162.72	28	8.47	21	65.90	28
203	-20	-19	Max	42.01					753.41	21			14.01	21		
203	-20	-19	Max	133.53	37.41	28	686.42	28	97.48	28	1078.99	28	334.51	28	65.90	28
203	-20	-19	Min.	0.00	22.50	21	-974.36	21	-819.12	28	26.34	21	-1162.20	28	-93.54	21
203	-20	-19	Min.	42.01					753.41	21			14.01	21		
203	-20	-19	Min.	133.53	22.50	21	-974.36	21	-138.37	21	-57.39	21	-12.25	21	-93.54	21
203	204	-20	Max	0.00	37.41	28	908.36	28	1420.60	21	1561.81	28	-0.16	21	65.90	28
203	204	-20	Max	20.00	37.41	28	908.36	28	1162.72	21	1549.27	28	8.47	21	65.90	28
203	204	-20	Min.	0.00	22.50	21	-1289.38	21	-1000.79	28	49.45	21	-1473.31	28	-93.54	21
203	204	-20	Min.	20.00	22.50	21	-1289.38	21	-819.12	28	36.91	21	-1162.20	28	-93.54	21
204	204	-21	Max	0.00	37.41	28	1289.38	21	1000.79	28	1561.81	28	-0.16	21	93.54	21
204	204	-21	Max	20.00	37.41	28	1289.38	21	819.12	28	1549.27	28	8.47	21	93.54	21
204	204	-21	Min.	0.00	22.50	21	-908.36	28	-1420.60	21	49.45	21	-1473.30	28	-65.90	28
204	204	-21	Min.	20.00	22.50	21	-908.36	28	-1162.72	21	36.91	21	-1162.20	28	-65.90	28
204	-21	-22	Max	0.00	37.41	28	974.36	21	819.12	28	1162.71	28	8.47	21	93.54	21
204	-21	-22	Max	42.01					-753.41	21			14.01	21		
204	-21	-22	Max	133.53	37.41	28	974.36	21	138.37	21	1078.99	28	334.51	28	93.54	21
204	-21	-22	Min.	0.00	22.50	21	-686.42	28	-1162.72	21	26.34	21	-1162.20	28	-65.90	28
204	-21	-22	Min.	42.01					-753.41	21			14.01	21		
204	-21	-22	Min.	133.53	22.50	21	-686.42	28	-97.48	28	-57.39	21	-12.25	21	-65.90	28
204	-22	-23	Max	0.00	37.41	28	344.31	21	138.34	21	420.51	28	334.48	28	93.54	21
204	-22	-23	Max	57.57					336.55	21			-1.86	21		
204	-22	-23	Max	133.53	37.41	28	344.31	21	598.10	21	336.78	28	840.10	28	93.54	21
204	-22	-23	Min.	0.00	22.50	21	-242.56	28	-97.46	28	36.10	21	-12.25	21	-65.90	28
204	-22	-23	Min.	57.57					336.55	21			-1.86	21		
204	-22	-23	Min.	133.53	22.50	21	-242.56	28	-421.36	28	-47.63	21	-19.95	21	-65.90	28
204	-23	-24	Max	0.00	37.41	28	201.30	28	598.12	21	45.85	21	840.12	28	93.54	21
204	-23	-24	Max	73.12					389.19	21			-3.19	21		
204	-23	-24	Max	133.53	37.41	28	201.30	28	216.56	21	-37.88	21	354.64	28	93.54	21
204	-23	-24	Min.	0.00	22.50	21	-285.74	21	-421.37	28	-321.70	28	-19.96	21	-65.90	28
204	-23	-24	Min.	73.12					389.19	21			-3.19	21		
204	-23	-24	Min.	133.53	22.50	21	-285.74	21	-152.57	28	-405.43	28	-14.64	21	-65.90	28
204	-24	-25	Max	0.00	37.41	28	645.17	28	216.57	21	55.60	21	354.65	28	93.54	21
204	-24	-25	Max	88.68					-595.56	21			10.02	21		
204	-24	-25	Max	133.53	37.41	28	645.17	28	708.94	28	-28.12	21	3.71	21	93.54	21
204	-24	-25	Min.	0.00	22.50	21	-915.79	21	-152.57	28	-1063.91	28	-14.63	21	-65.89	28
204	-24	-25	Min.	88.68					-595.56	21			10.02	21		
204	-24	-25	Min.	133.53	22.50	21	-915.79	21	-1006.32	21	-1147.63	28	-1121.92	28	-65.89	28
204	-25	205	Max	0.00	37.41	28	1089.03	28	708.92	28	65.36	21	3.71	21	93.54	21
204	-25	205	Max	45.87	37.41	28	1089.03	28	1208.42	28	36.60	21	27.10	21	93.54	21
204	-25	205	Min.	0.00	22.50	21	-1545.84	21	-1006.29	21	-1806.11	28	-1121.88	28	-65.89	28
204	-25	205	Min.	45.87	22.50	21	-1545.84	21	-1715.31	21	-1834.87	28	-1956.88	28	-65.89	28
205	205	-26	Max	0.00	24.21	21	1605.78	21	1209.30	28	1897.42	28	30.76	21	37.00	28
205	205	-26	Max	87.67	24.21	21	1605.78	21	217.57	28	1842.46	28	-2.40	21	37.00	28
205	205	-26	Min.	0.00	-122.31	28	-1131.26	28	-1716.57	21	-10.34	21	-2309.74	28	-52.52	21
205	205	-26	Min.	87.67	-122.31	28	-1131.26	28	-308.83	21	-65.31	21	-670.43	28	-52.52	21
205	-26	-27	Max	0.00	24.21	21	975.74	21	217.53	28	1183.97	28	-2.40	21	37.00	28
205	-26	-27	Max	44.93					129.59	21			3.93	21		
205	-26	-27	Max	133.53	24.21	21	975.74	21	994.16	21	1100.25	28	854.73	28	37.00	28
205	-26	-27	Min.	0.00	-122.31	28	-687.39	28	-308.78	21	28.17	21	-670.37	28	-52.52	21
205	-26	-27	Min.	44.93					129.59	21			3.93	21		
205	-26	-27	Min.	133.53	-122.31	28	-687.39	28	-700.37	28	-55.56	21	-20.69	21	-52.52	21
205	-27	-28	Max	0.00	24.21	21	345.69	21	994.12	21	441.77	28	854.70	28	37.00	28
205	-27	-28	Max	60.49					1203.23	21			-9.21	21		
205	-27	-28	Max	133.53	24.21	21	345.69	21	1455.73	21	358.04	28	1388.70	28	37.00	28

205	-27	-28	Min.	0.00	-122.31	28	-243.53	28	-700.35	28	37.93	21	-20.69	21	-52.52	21	
205	-27	-28	Min.	60.49					1203.23	21			-9.21	21			
205	-27	-28	Min.	133.53	-122.31	28	-243.53	28	-1025.55	28	-45.80	21	-25.94	21	-52.52	21	
205	-28	-29	Max	0.00	24.21	21	200.33	28	1455.72	21	47.68	21	1388.69	28	37.00	28	
205	-28	-29	Max	76.05					1239.46	21			-7.81	21			
205	-28	-29	Max	133.53	24.21	21	200.33	28	1076.00	21	-36.04	21	931.60	28	37.00	28	
205	-28	-29	Min.	0.00	-122.31	28	-284.36	21	-1025.54	28	-300.44	28	-25.94	21	-52.53	21	
205	-28	-29	Min.	76.05					1239.46	21			-7.81	21			
205	-28	-29	Min.	133.53	-122.31	28	-284.36	21	-758.03	28	-384.16	28	-18.17	21	-52.53	21	
205	-29	-30	Max	0.00	24.21	21	644.19	28	1075.98	21	57.43	21	931.58	28	37.01	28	
205	-29	-30	Max	91.60					238.37	21			8.13	21			
205	-29	-30	Max	133.53	24.21	21	644.19	28	102.20	28	-26.29	21	2.62	21	37.01	28	
205	-29	-30	Min.	0.00	-122.31	28	-914.41	21	-758.02	28	-1042.65	28	-18.17	21	-52.53	21	
205	-29	-30	Min.	91.60					238.37	21			8.13	21			
205	-29	-30	Min.	133.53	-122.31	28	-914.41	21	-145.07	21	-1126.38	28	-516.61	28	-52.53	21	
205	-30	-31	Max	0.00	24.21	21	1088.06	28	102.18	28	67.19	21	2.62	21	37.01	28	
205	-30	-31	Max	88.20	24.21	21	1088.06	28	1061.84	28	11.89	21	37.50	21	37.01	28	
205	-30	-31	Min.	0.00	-122.31	28	-1544.46	21	-145.04	21	-1784.86	28	-516.57	28	-52.53	21	
205	-30	-31	Min.	88.20	-122.31	28	-1544.46	21	-1507.25	21	-1840.16	28	-2115.20	28	-52.53	21	
206	-31	-32	Max	0.00	129.33	28	1348.80	21	1060.45	28	1567.87	28	42.12	21	126.11	28	
206	-31	-32	Max	45.33	129.33	28	1348.80	21	629.69	28	1539.45	28	13.80	21	126.11	28	
206	-31	-32	Min.	0.00	26.42	21	-950.22	28	-1505.28	21	-48.26	21	-1559.12	28	-179.02	21	
206	-31	-32	Min.	45.33	26.42	21	-950.22	28	-893.82	21	-76.68	21	-854.79	28	-179.02	21	
206	-32	-33	Max	0.00	129.33	28	718.75	21	629.72	28	880.97	28	13.81	21	126.12	28	
206	-32	-33	Max	26.71					701.91	21			16.06	21			
206	-32	-33	Max	133.53	129.33	28	718.75	21	65.91	21	797.25	28	265.64	28	126.12	28	
206	-32	-33	Min.	0.00	26.42	21	-506.36	28	-893.87	21	16.80	21	-854.85	28	-179.02	21	
206	-32	-33	Min.	26.71					701.91	21			16.06	21			
206	-32	-33	Min.	133.53	26.42	21	-506.36	28	-46.43	28	-66.92	21	-19.66	21	-179.02	21	
206	-33	-34	Max	0.00	129.33	28	88.71	21	65.96	21	138.76	28	265.70	28	126.12	28	
206	-33	-34	Max	94.16					89.69	22			90.76	22			
206	-33	-34	Max	133.53	129.33	28	88.71	21	184.41	21	55.03	28	395.08	28	126.12	28	
206	-33	-34	Min.	0.00	26.42	21	-62.49	28	-46.47	28	26.55	21	-19.66	21	-179.02	21	
206	-33	-34	Min.	42.35					103.53	21			-14.04	21			
206	-33	-34	Min.	133.53	26.42	21	-62.49	28	-129.92	28	-57.17	21	-40.11	21	-179.02	21	
206	-34	-35	Max	0.00	129.33	28	381.37	28	184.41	21	36.31	21	395.08	28	126.12	28	
206	-34	-35	Max	57.91					129.08	21			-29.59	21			
206	-34	-35	Max	133.53	129.33	28	381.37	28	379.34	28	-47.42	21	-47.52	21	126.12	28	
206	-34	-35	Min.	0.00	26.42	21	-541.34	21	-129.91	28	-603.45	28	-40.11	21	-179.02	21	
206	-34	-35	Min.	57.91					129.08	21			-29.59	21			
206	-34	-35	Min.	133.53	26.42	21	-541.34	21	-538.47	21	-687.17	28	-466.62	28	-179.02	21	
206	-35	-36	Max	0.00	129.33	28	825.23	28	379.33	28	46.07	21	-47.52	21	126.12	28	
206	-35	-36	Max	54.07	129.33	28	825.23	28	825.51	28	12.17	21	-31.78	21	126.12	28	
206	-35	-36	Min.	0.00	26.42	21	-1171.39	21	-538.45	21	-1345.65	28	-466.60	28	-179.02	21	
206	-35	-36	Min.	54.07	26.42	21	-1171.39	21	-1171.78	21	-1379.55	28	-1203.31	28	-179.02	21	
206	-36	-37	Max	0.00	0.00	17	945.07	21	825.45	28	1178.58	28	-90.46	21	0.00	21	
206	-36	-37	Max	79.47	0.00	17	945.07	21	296.37	28	1128.76	28	-70.01	21	0.00	21	
206	-36	-37	Min.	0.00	0.00	17	-665.79	28	-1171.70	21	50.64	21	-1488.88	28	-0.00	28	
206	-36	-37	Min.	79.47	0.00	17	-665.79	28	-420.68	21	0.82	21	-572.10	28	-0.00	28	
206	-37	-38	Max	0.00	0.00	17	315.02	21	296.35	28	470.27	28	-70.01	21	0.00	21	
206	-37	-38	Max	133.53	0.00	17	315.02	21	0.01	21	386.55	28	0.01	28	0.00	21	
206	-37	-38	Min.	0.00	0.00	17	-221.93	28	-420.65	21	94.29	21	-572.06	28	0.00	28	
206	-37	-38	Min.	133.53	0.00	17	-221.93	28	-0.01	28	10.57	21	0.00	21	0.00	28	
301	-3	-60	Max	0.00	103.12	29	0.00	17	0.00	17	201.76	28	138.99	21	0.00	17	
301	-3	-60	Max	150.00	20.98	29	0.00	17	0.00	17	63.07	28	0.00	21	0.00	17	
301	-3	-60	Min.	0.00	94.68	21	0.00	17	0.00	17	-125.99	21	-198.62	28	0.00	17	
301	-3	-60	Min.	150.00	17.82	21	0.00	17	0.00	17	-59.33	21	0.00	17	0.00	17	
301	-59	-3	Max	0.00	-17.82	28	0.00	17	0.00	21	59.33	21	0.00	21	0.00	17	
301	-59	-3	Max	150.00	-94.68	28	0.00	17	0.00	21	125.99	21	138.99	21	0.00	17	
301	-59	-3	Min.	0.00	-20.98	22	0.00	17	0.00	17	-63.07	28	0.00	17	0.00	17	
301	-59	-3	Min.	150.00	-103.12	22	0.00	17	0.00	17	-201.76	28	-198.62	28	0.00	17	
302	-4	-47	Max	0.00	159.30	29	0.00	17	0.00	17	370.64	28	302.64	21	0.00	17	
302	-4	-47	Max	150.00	41.96	29	0.00	17	0.00	17	126.13	28	0.00	21	0.00	17	
302	-4	-47	Min.	0.00	142.40	21	0.00	17	0.00	17	-284.86	21	-372.58	28	0.00	17	
302	-4	-47	Min.	150.00	35.65	21	0.00	17	0.00	17	-118.65	21	0.00	17	0.00	17	
302	-46	-4	Max	0.00	-35.65	28	0.00	17	0.00	17	118.65	21	0.00	21	0.00	17	
302	-46	-4	Max	150.00	-142.40	28	0.00	17	0.00	17	284.86	21	302.64	21	0.00	17	
302	-46	-4	Min.	0.00	-41.96	22	0.00	17	0.00	17	-126.13	28	0.00	28	0.00	17	
302	-46	-4	Min.	150.00	-159.30	22	0.00	17	0.00	17	-370.64	28	-372.58	28	0.00	17	
303	-6	-48	Max	0.00	159.30	29	0.00	17	0.00	17	370.64	28	302.64	21	0.00	17	
303	-6	-48	Max	150.00	41.96	29	0.00	17	0.00	17	126.13	28	0.00	21	0.00	17	
303	-6	-48	Min.	0.00	142.40	21	0.00	17	0.00	17	-284.86	21	-372.58	28	0.00	17	
303	-6	-48	Min.	150.00	35.65	21	0.00	17	0.00	17	-118.65	21	0.00	17	0.00	17	
303	-49	-6	Max	0.00	-35.65	28	0.00	17	0.00	17	118.65	21	0.00	21	0.00	17	
303	-49	-6	Max	150.00	-142.40	28	0.00	17	0.00	17	284.86	21	302.64	21	0.00	17	
303	-49	-6	Min.	0.00	-41.96	22	0.00	17	0.00	17	-126.13	28	0.00	17	0.00	17	
303	-49	-6	Min.	150.00	-159.30	22	0.00	17	0.00	17	-370.64	28	-372.58	28	0.00	17	
304	-7	-96	Max	0.00	159.30	29	0.00	17	0.00	17	370.64	28	302.64	21	0.00	17	
304	-7	-96	Max	150.00	41.96	29	0.00	17	0.00	17	126.13	28	0.00	21	0.00	17	
304	-7	-96	Min.	0.00	142.40	21	0.00	17	0.00	17	-284.86	21	-372.58	28	0.00	17	
304	-7	-96	Min.	150.00	35.65	21	0.00	17	0.00	17	-118.65	21	0.00	17	0.00	17	
304	-95	-7	Max	0.00	-35.65	28	0.00	17	0.00	17	118.65	21	0.00	21	0.00	17	
304	-95	-7	Max	150.00	-142.40	28	0.00	17	0.00	17	284.86	21	302.64	21	0.00	17	
304	-95	-7	Min.	0.00	-41.96	22	0.00	17	0.00	17	-126.13	28	0.00	17	0.00	17	
304	-95	-7	Min.	150.00	-159.30	22	0.00	17	0.00	17	-370.64	28	-372.58	28	0.00	17	
305	-8	-66	Max	0.00	159.30	29	0.00	17	0.00	17	370.64	28	302.64	21	0.00	17	
305	-8	-66	Max	150.00	41.96	29	0.00	17	0.00	17	126.13	28	0.00	21	0.00	17	
305	-8	-66	Min.	0.00	142.40	21	0.00	17	0.00	17	-284.86	21	-372.58	28	0.00	17	
305	-8	-66	Min.	150.00	35.65	21	0.00	17	0.00	17	-118.65	21	0.00	29	0.00	17	
305	-67	-8	Max	0.00	-35.65	28	0.00	17	0.00	17	118.65	21	0.00	21	0.00	17	
305	-67	-8	Max	150.00	-142.40	28	0.00	17	0.00	17	284.86	21	302.64	21	0.00	17	
305	-67	-8	Min.	0.00	-41.96	22	0.00	17	0.00	17	-126.13	28	0.00	28	0.00	17	
305	-67	-8	Min.	150.00	-159.30	22	0.00	17	0.00	17	-370.64	28	-372.58	28	0.00	17	
306	-9	-69	Max	0.00	159.30	29	0.00	17	0.00	17	370.64	28	302.64	21	0.00	17	
306	-9	-69	Max	150.00	41.96	29	0.00	17	0.00	17	126.13	28	0.00	21	0.00	17	
306	-9	-69	Min.	0.00	142.40	21	0.00	17	0.00	17	-284.86	21	-372.58	28	0.00	17	
306	-9	-69	Min.	150.00	35.65	21	0.00	17	0.00	17	-118.65	21	0.00	29	0.00	17	
306	-68	-9	Max	0.00	-35.65	28	0.00	17	0.00	17	118.65	21	0.00	28	0.00	17	
306	-68	-9	Max	150.00	-142.40	28	0.00	17	0.00	17	284.86	21	302.64	21	0.00	17	
306	-68	-9	Min.	0.00	-41.96	22	0.00	17	0.00	17	-126.13	28	0.00	17	0.00	17	
306	-68	-9	Min.	150.00	-159.30	22	0.00	17	0.00	17	-370.64	28	-372.58	28	0.00	17	

307	-11	-70	Max	0.00	159.30	29	0.00	17	0.00	17	370.64	28	302.64	21	0.00	17
307	-11	-70	Max	150.00	41.96	29	0.00	17	0.00	17	126.13	28	0.00	21	0.00	17
307	-11	-70	Min.	0.00	142.40	21	0.00	17	0.00	17	-284.86	21	-372.58	28	0.00	17
307	-11	-70	Min.	150.00	35.65	21	0.00	17	0.00	17	-118.65	21	0.00	29	0.00	17
307	-71	-11	Max	0.00	-35.65	28	0.00	17	0.00	17	118.65	21	0.00	28	0.00	17
307	-71	-11	Max	150.00	-142.40	28	0.00	17	0.00	17	284.86	21	302.64	21	0.00	17
307	-71	-11	Min.	0.00	-41.96	22	0.00	17	0.00	17	-126.13	28	0.00	21	0.00	17
307	-71	-11	Min.	150.00	-159.30	22	0.00	17	0.00	17	-370.64	28	-372.58	28	0.00	17
308	-12	-72	Max	0.00	159.30	29	0.00	17	0.00	17	370.64	28	302.64	21	0.00	17
308	-12	-72	Max	150.00	41.96	29	0.00	17	0.00	17	126.13	28	0.00	21	0.00	17
308	-12	-72	Min.	0.00	142.40	21	0.00	17	0.00	17	-284.86	21	-372.58	28	0.00	17
308	-12	-72	Min.	150.00	35.65	21	0.00	17	0.00	17	-118.65	21	0.00	29	0.00	17
308	-73	-12	Max	0.00	-35.65	28	0.00	17	0.00	17	118.65	21	0.00	17	0.00	17
308	-73	-12	Max	150.00	-142.40	28	0.00	17	0.00	17	284.86	21	302.64	21	0.00	17
308	-73	-12	Min.	0.00	-41.96	22	0.00	17	0.00	17	-126.13	28	0.00	21	0.00	17
308	-73	-12	Min.	150.00	-159.30	22	0.00	17	0.00	17	-370.64	28	-372.58	28	0.00	17
309	-13	-74	Max	0.00	159.30	29	0.00	17	0.00	17	370.64	28	302.64	21	0.00	17
309	-13	-74	Max	150.00	41.96	29	0.00	17	0.00	17	126.13	28	0.00	21	0.00	17
309	-13	-74	Min.	0.00	142.40	21	0.00	17	0.00	17	-284.86	21	-372.58	28	0.00	17
309	-13	-74	Min.	150.00	35.65	21	0.00	17	0.00	17	-118.65	21	0.00	29	0.00	17
309	-75	-13	Max	0.00	-35.65	28	0.00	17	0.00	17	118.65	21	0.00	28	0.00	17
309	-75	-13	Max	150.00	-142.40	28	0.00	17	0.00	17	284.86	21	302.64	21	0.00	17
309	-75	-13	Min.	0.00	-41.96	22	0.00	17	0.00	17	-126.13	28	0.00	21	0.00	17
309	-75	-13	Min.	150.00	-159.30	22	0.00	17	0.00	17	-370.64	28	-372.58	28	0.00	17
310	-14	-90	Max	0.00	159.30	29	0.00	17	0.00	17	370.64	28	302.64	21	0.00	17
310	-14	-90	Max	150.00	41.96	29	0.00	17	0.00	17	126.13	28	0.00	21	0.00	17
310	-14	-90	Min.	0.00	142.40	21	0.00	17	0.00	17	-284.86	21	-372.58	28	0.00	17
310	-14	-90	Min.	150.00	35.65	21	0.00	17	0.00	17	-118.65	21	0.00	29	0.00	17
310	-91	-14	Max	0.00	-35.65	28	0.00	17	0.00	17	118.65	21	0.00	21	0.00	17
310	-91	-14	Max	150.00	-142.40	28	0.00	17	0.00	17	284.86	21	302.64	21	0.00	17
310	-91	-14	Min.	0.00	-41.96	22	0.00	17	0.00	17	-126.13	28	0.00	28	0.00	17
310	-91	-14	Min.	150.00	-159.30	22	0.00	17	0.00	17	-370.64	28	-372.58	28	0.00	17
311	-15	-92	Max	0.00	159.30	29	0.00	17	0.00	17	370.64	28	302.64	21	0.00	17
311	-15	-92	Max	150.00	41.96	29	0.00	17	0.00	17	126.13	28	0.00	21	0.00	17
311	-15	-92	Min.	0.00	142.40	21	0.00	17	0.00	17	-284.86	21	-372.58	28	0.00	17
311	-15	-92	Min.	150.00	35.65	21	0.00	17	0.00	17	-118.65	21	0.00	29	0.00	17
311	-93	-15	Max	0.00	-35.65	28	0.00	17	0.00	17	118.65	21	0.00	17	0.00	17
311	-93	-15	Max	150.00	-142.40	28	0.00	17	0.00	17	284.86	21	302.64	21	0.00	17
311	-93	-15	Min.	0.00	-41.96	22	0.00	17	0.00	17	-126.13	28	0.00	21	0.00	17
311	-93	-15	Min.	150.00	-159.30	22	0.00	17	0.00	17	-370.64	28	-372.58	28	0.00	17
312	-16	-98	Max	0.00	159.30	29	0.00	17	0.00	17	370.64	28	302.64	21	0.00	17
312	-16	-98	Max	150.00	41.96	29	0.00	17	0.00	17	126.13	28	0.00	21	0.00	17
312	-16	-98	Min.	0.00	142.40	21	0.00	17	0.00	17	-284.86	21	-372.58	28	0.00	17
312	-16	-98	Min.	150.00	35.65	21	0.00	17	0.00	17	-118.65	21	0.00	17	0.00	17
312	-94	-16	Max	0.00	-35.65	28	0.00	17	0.00	17	118.65	21	0.00	21	0.00	17
312	-94	-16	Max	150.00	-142.40	28	0.00	17	0.00	17	284.86	21	302.64	21	0.00	17
312	-94	-16	Min.	0.00	-41.96	22	0.00	17	0.00	17	-126.13	28	0.00	28	0.00	17
312	-94	-16	Min.	150.00	-159.30	22	0.00	17	0.00	17	-370.64	28	-372.58	28	0.00	17
313	-17	-97	Max	0.00	159.30	29	0.00	17	0.00	17	370.64	28	302.64	21	0.00	17
313	-17	-97	Max	150.00	41.96	29	0.00	17	0.00	17	126.13	28	0.00	21	0.00	17
313	-17	-97	Min.	0.00	142.40	21	0.00	17	0.00	17	-284.86	21	-372.58	28	0.00	17
313	-17	-97	Min.	150.00	35.65	21	0.00	17	0.00	17	-118.65	21	0.00	17	0.00	17
313	-42	-17	Max	0.00	-35.65	28	0.00	17	0.00	17	118.65	21	0.00	21	0.00	17
313	-42	-17	Max	150.00	-142.40	28	0.00	17	0.00	17	284.86	21	302.64	21	0.00	17
313	-42	-17	Min.	0.00	-41.96	22	0.00	17	0.00	17	-126.13	28	0.00	17	0.00	17
313	-42	-17	Min.	150.00	-159.30	22	0.00	17	0.00	17	-370.64	28	-372.58	28	0.00	17
314	-18	-43	Max	0.00	159.30	29	0.00	17	0.00	17	370.64	28	302.64	21	0.00	17
314	-18	-43	Max	150.00	41.96	29	0.00	17	0.00	17	126.13	28	0.00	21	0.00	17
314	-18	-43	Min.	0.00	142.40	21	0.00	17	0.00	17	-284.86	21	-372.58	28	0.00	17
314	-18	-43	Min.	150.00	35.65	21	0.00	17	0.00	17	-118.65	21	0.00	17	0.00	17
314	-44	-18	Max	0.00	-35.65	28	0.00	17	0.00	17	118.65	21	0.00	21	0.00	17
314	-44	-18	Max	150.00	-142.40	28	0.00	17	0.00	17	284.86	21	302.64	21	0.00	17
314	-44	-18	Min.	0.00	-41.96	22	0.00	17	0.00	17	-126.13	28	0.00	28	0.00	17
314	-44	-18	Min.	150.00	-159.30	22	0.00	17	0.00	17	-370.64	28	-372.58	28	0.00	17
315	-19	-45	Max	0.00	159.30	29	0.00	17	0.00	17	370.64	28	302.64	21	0.00	17
315	-19	-45	Max	150.00	41.96	29	0.00	17	0.00	17	126.13	28	0.00	21	0.00	17
315	-19	-45	Min.	0.00	142.40	21	0.00	17	0.00	17	-284.86	21	-372.58	28	0.00	17
315	-19	-45	Min.	150.00	35.65	21	0.00	17	0.00	17	-118.65	21	0.00	17	0.00	17
315	-58	-19	Max	0.00	-35.65	28	0.00	17	0.00	17	118.65	21	0.00	21	0.00	17
315	-58	-19	Max	150.00	-142.40	28	0.00	17	0.00	17	284.86	21	302.64	21	0.00	17
315	-58	-19	Min.	0.00	-41.96	22	0.00	17	0.00	17	-126.13	28	0.00	28	0.00	17
315	-58	-19	Min.	150.00	-159.30	22	0.00	17	0.00	17	-370.64	28	-372.58	28	0.00	17
316	-20	-63	Max	0.00	103.12	29	0.00	17	0.00	17	201.76	28	138.99	21	0.00	17
316	-20	-63	Max	150.00	20.98	29	0.00	17	0.00	17	63.07	28	0.00	21	0.00	17
316	-20	-63	Min.	0.00	94.68	21	0.00	17	0.00	17	-126.00	21	-198.62	28	0.00	17
316	-20	-63	Min.	150.00	17.82	21	0.00	17	0.00	17	-59.33	21	0.00	28	0.00	17
316	-65	-20	Max	0.00	-17.82	28	0.00	17	0.00	17	59.33	21	0.00	21	0.00	17
316	-65	-20	Max	150.00	-94.68	28	0.00	17	0.00	17	126.00	21	138.99	21	0.00	17
316	-65	-20	Min.	0.00	-20.98	22	0.00	17	0.00	17	-63.07	28	0.00	17	0.00	17
316	-65	-20	Min.	150.00	-103.12	22	0.00	17	0.00	17	-201.76	28	-198.62	28	0.00	17
317	-21	-51	Max	0.00	103.12	29	0.00	17	0.00	17	201.76	28	138.99	21	0.00	17
317	-21	-51	Max	150.00	20.98	29	0.00	17	0.00	17	63.07	28	0.00	21	0.00	17
317	-21	-51	Min.	0.00	94.68	21	0.00	17	0.00	17	-125.99	21	-198.62	28	0.00	17
317	-21	-51	Min.	150.00	17.82	21	0.00	17	0.00	17	-59.33	21	0.00	17	0.00	17
317	-50	-21	Max	0.00	-17.82	28	0.00	17	0.00	17	59.33	21	0.00	21	0.00	17
317	-50	-21	Max	150.00	-94.68	28	0.00	17	0.00	17	125.99	21	138.99	21	0.00	17
317	-50	-21	Min.	0.00	-20.98	22	0.00	17	0.00	17	-63.07	28	0.00	28	0.00	17
317	-50	-21	Min.	150.00	-103.12	22	0.00	17	0.00	17	-201.76	28	-198.62	28	0.00	17
318	-22	-53	Max	0.00	159.30	17	0.00	17	0.00	17	370.64	28	302.64	21	0.00	17
318	-22	-53	Max	150.00	41.96	29	0.00	17	0.00	17	126.13	28	0.00	21	0.00	17
318	-22	-53	Min.	0.00	142.40	21	0.00	17	0.00	17	-284.86	21	-372.58	28	0.00	17
318	-22	-53	Min.	150.00	35.65	21	0.00	17	0.00	17	-118.65	21	0.00	17	0.00	17
318	-52	-22	Max	0.00	-35.65	28	0.00	17	0.00	17	118.65	21	0.00	28	0.00	17
318	-52	-22	Max	150.00	-142.40	28	0.00	17	0.00	17	284.86	21	302.64	21	0.00	17
318	-52	-22	Min.	0.00	-41.96	22	0.00	17	0.00	17	-126.13	28	0.00	17	0.00	17
318	-52	-22	Min.	150.00	-159.30	22	0.00	17	0.00	17	-370.64	28	-372.58	28	0.00	17
319	-23	-55	Max	0.00	159.30	17	0.00	17	0.00	17	370.64	28	302.64	21	0.00	17
319	-23	-55	Max	150.00	41.96	29	0.00	17	0.00	17	126.13	28	0.00	21	0.00	17
319	-23	-55	Min.	0.00	142.40	21	0.00	17	0.00	17	-284.86	21	-372.58	28	0.00	17
319	-23	-55	Min.	150.00	35.65	21	0.00	17	0.00	17	-118.65	21	0.00	17	0.00	17
319	-54	-23	Max	0.00	-35.65	28	0.00	17	0.00	17	118.65	21	0.00	28	0.00	17

319	-54	-23	Max	150.00	-142.40	28	0.00	17	0.00	17	284.86	21	302.64	21	0.00	17
319	-54	-23	Min.	0.00	-41.96	22	0.00	17	0.00	17	-126.13	28	0.00	17	0.00	17
319	-54	-23	Min.	150.00	-159.30	22	0.00	17	0.00	17	-370.64	28	-372.58	28	0.00	17
320	-24	-57	Max	0.00	159.30	29	0.00	17	0.00	17	370.64	28	302.64	21	0.00	17
320	-24	-57	Max	150.00	41.96	29	0.00	17	0.00	17	126.13	28	0.00	21	0.00	17
320	-24	-57	Min.	0.00	142.40	21	0.00	17	0.00	17	-284.86	21	-372.58	28	0.00	17
320	-24	-57	Min.	150.00	35.65	21	0.00	17	0.00	17	-118.65	21	0.00	17	0.00	17
320	-56	-24	Max	0.00	-35.65	28	0.00	17	0.00	17	118.65	21	0.00	17	0.00	17
320	-56	-24	Max	150.00	-142.40	28	0.00	17	0.00	17	284.86	21	302.64	21	0.00	17
320	-56	-24	Min.	0.00	-41.96	22	0.00	17	0.00	17	-126.13	28	0.00	21	0.00	17
320	-56	-24	Min.	150.00	-159.30	22	0.00	17	0.00	17	-370.64	28	-372.58	28	0.00	17
322	-25	-41	Max	0.00	159.30	29	0.00	17	0.00	17	370.64	28	302.64	21	0.00	17
322	-25	-41	Max	150.00	41.96	29	0.00	17	0.00	17	126.13	28	0.00	21	0.00	17
322	-25	-41	Min.	0.00	142.40	21	0.00	17	0.00	17	-284.86	21	-372.58	28	0.00	17
322	-25	-41	Min.	150.00	35.65	21	0.00	17	0.00	17	-118.65	21	0.00	17	0.00	17
322	-64	-25	Max	0.00	-35.65	28	0.00	17	0.00	17	118.65	21	0.00	28	0.00	17
322	-64	-25	Max	150.00	-142.40	28	0.00	17	0.00	17	284.86	21	302.64	21	0.00	17
322	-64	-25	Min.	0.00	-41.96	22	0.00	17	0.00	17	-126.13	28	0.00	21	0.00	17
322	-64	-25	Min.	150.00	-159.30	22	0.00	17	0.00	17	-370.64	28	-372.58	28	0.00	17
323	-26	-77	Max	0.00	159.30	17	0.00	17	0.00	17	370.64	28	302.64	21	0.00	17
323	-26	-77	Max	150.00	41.96	29	0.00	17	0.00	17	126.13	28	0.00	21	0.00	17
323	-26	-77	Min.	0.00	142.40	21	0.00	17	0.00	17	-284.86	21	-372.58	28	0.00	17
323	-26	-77	Min.	150.00	35.65	21	0.00	17	0.00	17	-118.65	21	0.00	17	0.00	17
323	-76	-26	Max	0.00	-35.65	28	0.00	17	0.00	17	118.65	21	0.00	21	0.00	17
323	-76	-26	Max	150.00	-142.40	28	0.00	17	0.00	17	284.86	21	302.64	21	0.00	17
323	-76	-26	Min.	0.00	-41.96	22	0.00	17	0.00	21	-126.13	28	0.00	17	0.00	17
323	-76	-26	Min.	150.00	-159.30	22	0.00	17	0.00	21	-370.64	28	-372.58	28	0.00	17
324	-27	-79	Max	0.00	159.30	17	0.00	17	0.00	17	370.64	28	302.64	21	0.00	17
324	-27	-79	Max	150.00	41.96	17	0.00	17	0.00	17	126.13	28	0.00	21	0.00	17
324	-27	-79	Min.	0.00	142.40	21	0.00	17	0.00	17	-284.86	21	-372.58	28	0.00	17
324	-27	-79	Min.	150.00	35.65	21	0.00	17	0.00	17	-118.65	21	0.00	28	0.00	17
324	-78	-27	Max	0.00	-35.65	28	0.00	17	0.00	17	118.65	21	0.00	17	0.00	17
324	-78	-27	Max	150.00	-142.40	28	0.00	17	0.00	17	284.86	21	302.64	21	0.00	17
324	-78	-27	Min.	0.00	-41.96	22	0.00	17	0.00	17	-126.13	28	0.00	21	0.00	17
324	-78	-27	Min.	150.00	-159.30	22	0.00	17	0.00	17	-370.64	28	-372.58	28	0.00	17
325	-28	-81	Max	0.00	159.30	17	0.00	17	0.00	17	370.64	28	302.64	21	0.00	17
325	-28	-81	Max	150.00	41.96	29	0.00	17	0.00	17	126.13	28	0.00	21	0.00	17
325	-28	-81	Min.	0.00	142.40	21	0.00	17	0.00	17	-284.86	21	-372.58	28	0.00	17
325	-28	-81	Min.	150.00	35.65	21	0.00	17	0.00	17	-118.65	21	0.00	17	0.00	17
325	-80	-28	Max	0.00	-35.65	28	0.00	17	0.00	17	118.65	21	0.00	28	0.00	17
325	-80	-28	Max	150.00	-142.40	28	0.00	17	0.00	17	284.86	21	302.64	21	0.00	17
325	-80	-28	Min.	0.00	-41.96	22	0.00	17	0.00	17	-126.13	28	0.00	17	0.00	17
325	-80	-28	Min.	150.00	-159.30	22	0.00	17	0.00	17	-370.64	28	-372.58	28	0.00	17
326	-29	-83	Max	0.00	159.30	29	0.00	17	0.00	17	370.64	28	302.64	21	0.00	17
326	-29	-83	Max	150.00	41.96	29	0.00	17	0.00	17	126.13	28	0.00	21	0.00	17
326	-29	-83	Min.	0.00	142.40	21	0.00	17	0.00	17	-284.86	21	-372.58	28	0.00	17
326	-29	-83	Min.	150.00	35.65	21	0.00	17	0.00	17	-118.65	21	0.00	17	0.00	17
326	-82	-29	Max	0.00	-35.65	28	0.00	17	0.00	17	118.65	21	0.00	28	0.00	17
326	-82	-29	Max	150.00	-142.40	28	0.00	17	0.00	17	284.86	21	302.64	21	0.00	17
326	-82	-29	Min.	0.00	-41.96	22	0.00	17	0.00	17	-126.13	28	0.00	21	0.00	17
326	-82	-29	Min.	150.00	-159.30	22	0.00	17	0.00	17	-370.64	28	-372.58	28	0.00	17
327	-30	-85	Max	0.00	159.30	17	0.00	17	0.00	17	370.64	28	302.64	21	0.00	17
327	-30	-85	Max	150.00	41.96	29	0.00	17	0.00	17	126.13	28	0.00	21	0.00	17
327	-30	-85	Min.	0.00	142.40	21	0.00	17	0.00	17	-284.86	21	-372.58	28	0.00	17
327	-30	-85	Min.	150.00	35.65	21	0.00	17	0.00	17	-118.65	21	0.00	17	0.00	17
327	-84	-30	Max	0.00	-35.65	28	0.00	17	0.00	17	118.65	21	0.00	21	0.00	17
327	-84	-30	Max	150.00	-142.40	28	0.00	17	0.00	17	284.86	21	302.64	21	0.00	17
327	-84	-30	Min.	0.00	-41.96	22	0.00	17	0.00	17	-126.13	28	0.00	28	0.00	17
327	-84	-30	Min.	150.00	-159.30	22	0.00	17	0.00	17	-370.64	28	-372.58	28	0.00	17
329	-32	-86	Max	0.00	159.30	17	0.00	17	0.00	17	370.64	28	302.64	21	0.00	17
329	-32	-86	Max	150.00	41.96	17	0.00	17	0.00	17	126.13	28	0.00	21	0.00	17
329	-32	-86	Min.	0.00	142.40	21	0.00	17	0.00	17	-284.86	21	-372.58	28	0.00	17
329	-32	-86	Min.	150.00	35.65	21	0.00	17	0.00	17	-118.65	21	0.00	28	0.00	17
329	-87	-32	Max	0.00	-35.65	28	0.00	17	0.00	17	118.65	21	0.00	28	0.00	17
329	-87	-32	Max	150.00	-142.40	28	0.00	17	0.00	17	284.86	21	302.64	21	0.00	17
329	-87	-32	Min.	0.00	-41.96	22	0.00	17	0.00	17	-126.13	28	0.00	21	0.00	17
329	-87	-32	Min.	150.00	-159.30	22	0.00	17	0.00	17	-370.64	28	-372.58	28	0.00	17
330	-33	-89	Max	0.00	159.30	17	0.00	17	0.00	17	370.64	28	302.64	21	0.00	17
330	-33	-89	Max	150.00	41.96	29	0.00	17	0.00	17	126.13	28	0.00	21	0.00	17
330	-33	-89	Min.	0.00	142.40	21	0.00	17	0.00	17	-284.86	21	-372.58	28	0.00	17
330	-33	-89	Min.	150.00	35.65	21	0.00	17	0.00	17	-118.65	21	0.00	28	0.00	17
330	-88	-33	Max	0.00	-35.65	28	0.00	17	0.00	17	118.65	21	0.00	21	0.00	17
330	-88	-33	Max	150.00	-142.40	28	0.00	17	0.00	17	284.86	21	302.63	21	0.00	17
330	-88	-33	Min.	0.00	-41.96	22	0.00	17	0.00	17	-126.13	28	0.00	17	0.00	17
330	-88	-33	Min.	150.00	-159.30	22	0.00	17	0.00	17	-370.64	28	-372.58	28	0.00	17
331	-34	-61	Max	0.00	159.30	17	0.00	17	0.00	17	370.64	28	302.64	21	0.00	17
331	-34	-61	Max	150.00	41.96	29	0.00	17	0.00	17	126.13	28	0.00	21	0.00	17
331	-34	-61	Min.	0.00	142.40	21	0.00	17	0.00	17	-284.86	21	-372.58	28	0.00	17
331	-34	-61	Min.	150.00	35.65	21	0.00	17	0.00	17	-118.65	21	0.00	28	0.00	17
331	-62	-34	Max	0.00	-35.65	28	0.00	17	0.00	17	118.65	21	0.00	17	0.00	17
331	-62	-34	Max	150.00	-142.40	28	0.00	17	0.00	17	284.86	21	302.63	21	0.00	17
331	-62	-34	Min.	0.00	-41.96	22	0.00	17	0.00	17	-126.13	28	0.00	21	0.00	17
331	-62	-34	Min.	150.00	-159.30	22	0.00	17	0.00	17	-370.64	28	-372.58	28	0.00	17
332	-35	-102	Max	0.00	159.30	17	0.00	17	0.00	17	370.64	28	302.64	21	0.00	17
332	-35	-102	Max	150.00	41.96	17	0.00	17	0.00	17	126.13	28	0.00	21	0.00	17
332	-35	-102	Min.	0.00	142.40	21	0.00	17	0.00	17	-284.86	21	-372.58	28	0.00	17
332	-35	-102	Min.	150.00	35.65	21	0.00	17	0.00	17	-118.65	21	0.00	28	0.00	17
332	-101	-35	Max	0.00	-35.65	28	0.00	17	0.00	17	118.65	21	0.00	21	0.00	17
332	-101	-35	Max	150.00	-142.40	28	0.00	17	0.00	17	284.86	21	302.64	21	0.00	17
332	-101	-35	Min.	0.00	-41.96	22	0.00	17	0.00	17	-126.13	28	0.00	17	0.00	17
332	-101	-35	Min.	150.00	-159.30	22	0.00	17	0.00	17	-370.64	28	-372.58	28	0.00	17
333	-37	-103	Max	0.00	159.30	17	0.00	17	0.00	17	370.64	28	302.64	21	0.00	17
333	-37	-103	Max	150.00	41.96	29	0.00	17	0.00	17	126.13	28	0.00	21	0.00	17
333	-37	-103	Min.	0.00	142.40	21	0.00	17	0.00	17	-284.86	21	-372.58	28	0.00	17
333	-37	-103	Min.	150.00	35.65	21	0.00	17	0.00	17	-118.65	21	0.00	28	0.00	17
333	-104	-37	Max	0.00	-35.65	28	0.00	17	0.00	17	118.65	21	0.00	28	0.00	17
333	-104	-37	Max	150.00	-142.40	28	0.00	17	0.00	17	284.86	21	302.63	21	0.00	17
333	-104	-37	Min.	0.00	-41.96	22	0.00	17	0.00	17	-126.13	28	0.00	21	0.00	17
333	-104	-37	Min.	150.00	-159.30	22	0.00	17	0.00	17	-370.64	28	-372.58	28	0.00	17
334	-38	-99	Max	0.00	103.12	29	0.00	17	0.00	17	201.76	28	138.99	21	0.00	17
334	-38	-99	Max	150.00	20.98	29	0.00	17	0.00	17	63.07	28	0.00	21	0.00	17

334	-38	-99	Min.	0.00	94.68	21	0.00	17	0.00	17	-125.99	21	-198.62	28	0.00	17
334	-38	-99	Min.	150.00	17.82	21	0.00	17	0.00	17	-59.33	21	0.00	28	0.00	17
334	-100	-38	Max	0.00	-17.82	28	0.00	17	0.00	17	59.33	21	0.00	28	0.00	17
334	-100	-38	Max	150.00	-94.68	28	0.00	17	0.00	17	125.99	21	138.99	21	0.00	17
334	-100	-38	Min.	0.00	-20.98	22	0.00	17	0.00	17	-63.07	28	0.00	21	0.00	17
334	-100	-38	Min.	150.00	-103.12	22	0.00	17	0.00	17	-201.76	28	-198.62	28	0.00	17

Tipo di combinazione di carico: SLE R

Asta	N1	N2		X <cm>	N <daN>	CC	Ty <daN>	CC	Mz <daNm>	CC	Tz <daN>	CC	My <daNm>	CC	Mx <daNm>	CC
1	1	-5	Max	0.00	-290.35	23	-23.24	23	100.31	30	1410.97	23	3364.34	30	0.05	30
1	1	-5	Max	330.00	-101.12	23	-23.24	23	-51.58	23	1410.97	23	84.08	30	0.05	30
1	1	-5	Min.	0.00	-1970.13	30	-91.85	30	25.12	23	-994.02	30	-4775.57	23	-0.08	23
1	1	-5	Min.	330.00	-1780.89	30	-91.85	30	-202.80	30	-994.02	30	-119.35	23	-0.08	23
2	2	-10	Max	0.00	-241.41	23	175.07	30	-9.76	23	1928.85	23	4424.80	30	0.93	30
2	2	-10	Max	330.00	-52.17	23	175.07	30	386.84	30	1928.85	23	84.33	23	0.93	30
2	2	-10	Min.	0.00	-2553.53	30	8.78	23	-190.88	30	-1358.85	30	-6280.87	23	-1.31	23
2	2	-10	Min.	330.00	-2364.29	30	8.78	23	19.21	23	-1358.85	30	-59.41	30	-1.31	23
3	3	203	Max	0.00	-260.40	23	-3.27	23	120.99	30	2101.08	23	4816.03	30	0.80	23
3	3	203	Max	330.00	-71.16	23	-3.27	23	-7.30	23	2101.08	23	97.37	23	0.80	23
3	3	203	Min.	0.00	-2779.89	30	-110.89	30	3.48	23	-1480.19	30	-6836.21	23	-0.57	30
3	3	203	Min.	330.00	-2590.65	30	-110.89	30	-244.94	30	-1480.19	30	-68.59	30	-0.57	30
4	4	204	Max	0.00	-351.17	23	0.00	30	0.00	23	1211.14	30	5798.00	23	0.00	23
4	4	204	Max	330.00	-161.93	23	0.00	30	0.00	30	1211.14	30	124.72	23	0.00	23
4	4	204	Min.	0.00	-2367.64	30	-0.00	23	0.00	30	-1719.18	23	-4084.63	30	0.00	30
4	4	204	Min.	330.00	-2178.41	30	-0.00	23	0.00	23	-1719.18	23	-87.86	30	0.00	30
5	5	205	Max	0.00	-260.40	23	-3.27	23	120.99	30	1480.19	30	6836.20	23	0.57	30
5	5	205	Max	330.00	-71.16	23	-3.27	23	-7.30	23	1480.19	30	68.59	30	0.57	30
5	5	205	Min.	0.00	-2779.89	30	-110.89	30	3.48	23	-2101.08	23	-4816.04	30	-0.80	23
5	5	205	Min.	330.00	-2590.65	30	-110.89	30	-244.94	30	-2101.08	23	-97.37	23	-0.80	23
6	6	-31	Max	0.00	-241.41	23	175.07	30	-9.76	23	1358.85	30	6280.86	23	1.31	23
6	6	-31	Max	330.00	-52.18	23	175.07	30	386.85	30	1358.85	30	59.40	30	1.31	23
6	6	-31	Min.	0.00	-2553.53	30	8.78	23	-190.89	30	-1928.84	23	-4424.80	30	-0.93	30
6	6	-31	Min.	330.00	-2364.29	30	8.78	23	19.21	23	-1928.84	23	-84.33	23	-0.93	30
7	7	-36	Max	0.00	-290.35	23	-23.24	23	100.31	30	994.02	30	4775.57	23	0.08	23
7	7	-36	Max	330.00	-101.12	23	-23.24	23	-51.58	23	994.02	30	119.35	23	0.08	23
7	7	-36	Min.	0.00	-1970.13	30	-91.85	30	25.12	23	-1410.98	23	-3364.34	30	-0.05	30
7	7	-36	Min.	330.00	-1780.89	30	-91.85	30	-202.81	30	-1410.98	23	-84.08	30	-0.05	30
201	-4	-3	Max	0.00	0.00	18	147.95	30	280.44	23	333.86	30	-68.11	23	0.00	30
201	-4	-3	Max	133.53	0.00	18	147.95	30	0.00	30	269.46	30	0.00	30	0.00	30
201	-4	-3	Min.	0.00	0.00	18	-210.02	23	-197.57	30	83.21	23	-402.81	30	0.00	23
201	-4	-3	Min.	133.53	0.00	18	-210.02	23	0.00	23	18.80	23	0.00	23	0.00	23
201	-5	-4	Max	0.00	0.00	18	443.86	30	781.12	23	822.93	30	-109.28	23	0.00	30
201	-5	-4	Max	79.47	0.00	18	443.86	30	280.44	23	784.61	30	-68.11	23	0.00	30
201	-5	-4	Min.	0.00	0.00	18	-630.05	23	-550.29	30	70.97	23	-1041.54	30	0.00	23
201	-5	-4	Min.	79.47	0.00	18	-630.05	23	-197.57	30	32.64	23	-402.81	30	0.00	23
201	-6	-5	Max	0.00	91.85	30	780.93	23	358.97	23	-4.07	23	-48.45	23	119.35	23
201	-6	-5	Max	54.07	91.85	30	780.93	23	781.19	23	-30.15	23	-57.70	23	119.35	23
201	-6	-5	Min.	0.00	23.24	23	-550.15	30	-252.89	30	-931.88	30	-327.85	30	-84.08	30
201	-6	-5	Min.	54.07	23.24	23	-550.15	30	-550.34	30	-957.96	30	-838.74	30	-84.08	30
201	-7	-6	Max	0.00	91.85	30	360.89	23	86.61	30	9.77	23	271.63	30	119.35	23
201	-7	-6	Max	20.26					-49.83	23			-17.51	23		
201	-7	-6	Max	133.53	91.85	30	360.89	23	358.97	23	-54.63	23	-48.45	23	119.35	23
201	-7	-6	Min.	0.00	23.24	23	-254.25	30	-122.94	23	-416.73	30	-18.50	23	-84.08	30
201	-7	-6	Min.	20.26					-49.83	23			-17.51	23		
201	-7	-6	Min.	133.53	23.24	23	-254.25	30	-252.89	30	-481.13	30	-327.85	30	-84.08	30
201	-8	-7	Max	0.00	91.85	30	41.66	30	30.98	30	98.42	30	183.21	30	119.35	23
201	-8	-7	Max	93.86					-59.69	24			69.30	24		
201	-8	-7	Max	133.53	91.85	30	41.66	30	86.61	30	34.01	30	271.63	30	119.35	23
201	-8	-7	Min.	0.00	23.24	23	-59.14	23	-43.97	23	23.61	23	-7.03	23	-84.08	30
201	-8	-7	Min.	48.96					-72.93	23			-1.25	23		
201	-8	-7	Min.	133.53	23.24	23	-59.14	23	-122.94	23	-40.79	23	-18.50	23	-84.08	30
201	-9	-8	Max	0.00	91.85	30	337.57	30	595.88	23	613.57	30	-14.04	23	119.35	23
201	-9	-8	Max	77.65					223.80	23			0.51	23		
201	-9	-8	Max	133.53	91.85	30	337.57	30	30.98	30	549.16	30	183.21	30	119.35	23
201	-9	-8	Min.	0.00	23.24	23	-479.17	23	-419.79	30	37.45	23	-593.10	30	-84.08	30
201	-9	-8	Min.	77.65					223.80	23			0.51	23		
201	-9	-8	Min.	133.53	23.24	23	-479.17	23	-43.98	23	-26.95	23	-7.03	23	-84.08	30
201	-10	-9	Max	0.00	91.85	30	633.48	30	1003.53	23	1086.17	30	-13.05	23	119.35	23
201	-10	-9	Max	18.13					840.47	23			-12.25	23		
201	-10	-9	Max	45.33	91.85	30	633.48	30	595.88	23	1064.31	30	-14.04	23	119.35	23
201	-10	-9	Min.	0.00	23.24	23	-899.21	23	-706.97	30	8.75	23	-1080.55	30	-84.08	30
201	-10	-9	Min.	18.13					840.47	23			-12.25	23		
201	-10	-9	Min.	45.33	23.24	23	-899.21	23	-419.79	30	-13.11	23	-593.11	30	-84.08	30
202	-11	-10	Max	0.00	14.46	23	1029.64	23	96.70	23	-0.88	23	-12.72	23	35.02	23
202	-11	-10	Max	88.20	14.46	23	1029.64	23	1004.84	23	-43.42	23	-32.26	23	35.02	23
202	-11	-10	Min.	0.00	-83.22	30	-725.37	30	-68.12	30	-1235.58	30	-358.85	30	-24.67	30
202	-11	-10	Min.	88.20	-83.22	30	-725.37	30	-707.90	30	-1278.12	30	-1467.39	30	-24.67	30
202	-12	-11	Max	0.00	14.46	23	609.61	23	505.35	30	12.96	23	646.16	30	35.02	23
202	-12	-11	Max	26.71					-554.53	23			14.72	23		
202	-12	-11	Max	133.53	14.46	23	609.61	23	96.70	23	-51.45	23	-12.72	23	35.02	23
202	-12	-11	Min.	0.00	-83.22	30	-429.46	30	-717.33	23	-720.43	30	12.98	23	-24.67	30
202	-12	-11	Min.	26.71					-554.53	23			14.72	23		
202	-12	-11	Min.	133.53	-83.22	30	-429.46	30	-68.12	30	-784.84	30	-358.86	30	-24.67	30
202	-13	-12	Max	0.00	14.46	23	189.57	23	683.69	30	26.80	23	963.29	30	35.02	23
202	-13	-12	Max	55.56					-865.15	23			27.64	23		
202	-13	-12	Max	133.53	14.46	23	189.57	23	505.35	30	-37.61	23	646.16	30	35.02	23
202	-13	-12	Min.	0.00	-83.22	30	-133.55	30	-970.48	23	-205.28	30	20.20	23	-24.67	30
202	-13	-12	Min.	55.56					-865.15	23			27.64	23		
202	-13	-12	Min.	133.53	-83.22	30	-133.55	30	-717.33	23	-269.69	30	12.98	23	-24.67	30
202	-14	-13	Max	0.00	14.46	23	162.35	30	466.89	30	309.86	30	592.52	30	35.02	23
202	-14	-13	Max	84.25					-856.91	23			26.05	23		
202	-14	-13	Max	133.53	14.46	23	162.35	30	683.69	30	245.46	30	963.29	30	35.02	23
202	-14	-13	Min.	0.00	-83.22	30	-230.46	23	-662.74	23	40.64	23	8.94	23	-24.67	30
202	-14	-13	Min.	84.25					-856.91	23			26.05	23		
202	-14	-13	Min.	133.53	-83.22	30	-230.46	23	-970.48	23	-23.77	23	20.20	23	-24.67	30
202	-15	-14	Max	0.00	14.46	23	458.26	30	205.88	23	825.01	30	-20.81	23	35.02	23
202	-15	-14	Max	112.95					-528.85	23			9.96	23		
202	-15	-14	Max	133.53	14.46	23	458.26	30	466.90	30	760.61	30	592.52	30	35.02	23
202	-15	-14	Min.	0.00	-83.22	30	-650.49	23	-145.04	30	54.48	23	-466.15	30	-24.67	30

202	-15	-14	Min.	112.95					-528.85	23			9.96	23		
202	-15	-14	Min.	133.53	-83.22	30	-650.49	23	-662.74	23	-9.93	23	8.94	23	-24.67	30
202	203	-15	Max	0.00	14.46	23	754.17	30	1144.38	23	1318.04	30	-42.77	23	35.02	23
202	203	-15	Max	87.67	14.46	23	754.17	30	205.88	23	1275.76	30	-20.81	23	35.02	23
202	203	-15	Min.	0.00	-83.22	30	-1070.52	23	-806.20	30	46.19	23	-1603.10	30	-24.67	30
202	203	-15	Min.	87.67	-83.22	30	-1070.52	23	-145.04	30	3.91	23	-466.15	30	-24.67	30
203	-16	203	Max	0.00	27.67	30	1030.56	23	670.85	23	-2.84	23	-29.09	23	43.93	30
203	-16	203	Max	45.87	27.67	30	1030.56	23	1143.54	23	-24.97	23	-35.47	23	43.93	30
203	-16	203	Min.	0.00	17.73	23	-726.02	30	-472.61	30	-1250.49	30	-779.49	30	-62.36	23
203	-16	203	Min.	45.87	17.73	23	-726.02	30	-805.61	30	-1272.61	30	-1358.12	30	-62.36	23
203	-17	-16	Max	0.00	27.67	30	610.53	23	101.72	30	11.00	23	245.42	30	43.93	30
203	-17	-16	Max	22.80					-5.20	23			0.48	23		
203	-17	-16	Max	133.53	27.67	30	610.53	23	670.87	23	-53.41	23	-29.09	23	43.93	30
203	-17	-16	Min.	0.00	17.73	23	-430.11	30	-144.38	23	-735.35	30	-0.78	23	-62.36	23
203	-17	-16	Min.	22.80					-5.20	23			0.48	23		
203	-17	-16	Min.	133.53	17.73	23	-430.11	30	-472.62	30	-799.75	30	-779.51	30	-62.36	23
203	-18	-17	Max	0.00	27.67	30	190.50	23	280.92	30	24.83	23	582.45	30	43.93	30
203	-18	-17	Max	51.49					-300.67	23			15.46	23		
203	-18	-17	Max	133.53	27.67	30	190.50	23	101.71	30	-39.57	23	245.41	30	43.93	30
203	-18	-17	Min.	0.00	17.73	23	-134.20	30	-398.75	23	-220.20	30	9.06	23	-62.36	23
203	-18	-17	Min.	51.49					-300.67	23			15.46	23		
203	-18	-17	Min.	133.53	17.73	23	-134.20	30	-144.38	23	-284.60	30	-0.78	23	-62.36	23
203	-19	-18	Max	0.00	27.67	30	161.71	30	64.97	30	294.95	30	231.57	30	43.93	30
203	-19	-18	Max	80.12					-276.13	23			15.92	23		
203	-19	-18	Max	133.53	27.67	30	161.71	30	280.90	30	230.55	30	582.43	30	43.93	30
203	-19	-18	Min.	0.00	17.73	23	-229.54	23	-92.23	23	38.68	23	0.42	23	-62.36	23
203	-19	-18	Min.	80.12					-276.13	23			15.92	23		
203	-19	-18	Min.	133.53	17.73	23	-229.54	23	-398.74	23	-25.73	23	9.06	23	-62.36	23
203	-20	-19	Max	0.00	27.67	30	457.62	30	775.15	23	810.10	30	-26.71	23	43.93	30
203	-20	-19	Max	108.89					67.86	23			1.88	23		
203	-20	-19	Max	133.53	27.67	30	457.62	30	64.99	30	745.70	30	231.60	30	43.93	30
203	-20	-19	Min.	0.00	17.73	23	-649.57	23	-546.08	30	52.52	23	-807.16	30	-62.36	23
203	-20	-19	Min.	108.89					67.86	23			1.88	23		
203	-20	-19	Min.	133.53	17.73	23	-649.57	23	-92.25	23	-11.89	23	0.42	23	-62.36	23
203	204	-20	Max	0.00	27.67	30	605.57	30	947.06	23	1089.20	30	-41.94	23	43.93	30
203	204	-20	Max	20.00	27.67	30	605.57	30	775.15	23	1079.56	30	-26.71	23	43.93	30
203	204	-20	Min.	0.00	17.73	23	-859.59	23	-667.20	30	80.97	23	-1024.03	30	-62.36	23
203	204	-20	Min.	20.00	17.73	23	-859.59	23	-546.08	30	71.32	23	-807.16	30	-62.36	23
204	204	-21	Max	0.00	27.67	30	859.59	23	667.20	30	1089.20	30	-41.94	23	62.36	23
204	204	-21	Max	20.00	27.67	30	859.59	23	546.08	30	1079.56	30	-26.71	23	62.36	23
204	204	-21	Min.	0.00	17.73	23	-605.57	30	-947.06	23	80.97	23	-1024.03	30	-43.93	30
204	204	-21	Min.	20.00	17.73	23	-605.57	30	-775.15	23	71.32	23	-807.16	30	-43.93	30
204	-21	-22	Max	0.00	27.67	30	649.57	23	546.08	30	810.10	30	-26.71	23	62.36	23
204	-21	-22	Max	108.89					-67.86	23			1.88	23		
204	-21	-22	Max	133.53	27.67	30	649.57	23	92.25	23	745.70	30	231.59	30	62.36	23
204	-21	-22	Min.	0.00	17.73	23	-457.62	30	-775.15	23	52.52	23	-807.16	30	-43.93	30
204	-21	-22	Min.	108.89					-67.86	23			1.88	23		
204	-21	-22	Min.	133.53	17.73	23	-457.62	30	-64.99	30	-11.89	23	0.42	23	-43.93	30
204	-22	-23	Max	0.00	27.67	30	229.54	23	92.22	23	294.95	30	231.57	30	62.36	23
204	-22	-23	Max	80.12					276.13	23			15.92	23		
204	-22	-23	Max	133.53	27.67	30	229.54	23	398.74	23	230.55	30	582.43	30	62.36	23
204	-22	-23	Min.	0.00	17.73	23	-161.71	30	-64.97	30	38.68	23	0.42	23	-43.93	30
204	-22	-23	Min.	80.12					276.13	23			15.92	23		
204	-22	-23	Min.	133.53	17.73	23	-161.71	30	-280.90	30	-25.73	23	9.06	23	-43.93	30
204	-23	-24	Max	0.00	27.67	30	134.20	30	398.75	23	24.83	23	582.45	30	62.36	23
204	-23	-24	Max	51.49					300.66	23			15.46	23		
204	-23	-24	Max	133.53	27.67	30	134.20	30	144.38	23	-39.57	23	245.41	30	62.36	23
204	-23	-24	Min.	0.00	17.73	23	-190.50	23	-280.92	30	-220.20	30	9.06	23	-43.93	30
204	-23	-24	Min.	51.49					300.66	23			15.46	23		
204	-23	-24	Min.	133.53	17.73	23	-190.50	23	-101.71	30	-284.60	30	-0.78	23	-43.93	30
204	-24	-25	Max	0.00	27.67	30	430.11	30	144.38	23	10.99	23	245.42	30	62.36	23
204	-24	-25	Max	22.80					5.20	23			0.48	23		
204	-24	-25	Max	133.53	27.67	30	430.11	30	472.62	30	-53.41	23	-29.09	23	62.36	23
204	-24	-25	Min.	0.00	17.73	23	-610.53	23	-101.72	30	-735.35	30	-0.78	23	-43.93	30
204	-24	-25	Min.	22.80					5.20	23			0.48	23		
204	-24	-25	Min.	133.53	17.73	23	-610.53	23	-670.88	23	-799.75	30	-779.51	30	-43.93	30
204	-25	205	Max	0.00	27.67	30	726.02	30	472.61	30	-2.84	23	-29.09	23	62.36	23
204	-25	205	Max	45.87	27.67	30	726.02	30	805.61	30	-24.97	23	-35.47	23	62.36	23
204	-25	205	Min.	0.00	17.73	23	-1030.56	23	-670.86	23	-1250.49	30	-779.49	30	-43.93	30
204	-25	205	Min.	45.87	17.73	23	-1030.56	23	-1143.54	23	-1272.61	30	-1358.12	30	-43.93	30
205	205	-26	Max	0.00	14.46	23	1070.52	23	806.20	30	1318.04	30	-42.77	23	24.67	30
205	205	-26	Max	87.67	14.46	23	1070.52	23	145.05	30	1275.76	30	-20.81	23	24.67	30
205	205	-26	Min.	0.00	-83.22	30	-754.17	30	-1144.38	23	46.20	23	-1603.10	30	-35.02	23
205	205	-26	Min.	87.67	-83.22	30	-754.17	30	-205.89	23	3.91	23	-466.16	30	-35.02	23
205	-26	-27	Max	0.00	14.46	23	650.49	23	145.02	30	825.01	30	-20.81	23	24.67	30
205	-26	-27	Max	112.95					528.86	23			9.96	23		
205	-26	-27	Max	133.53	14.46	23	650.49	23	662.77	23	760.61	30	592.55	30	24.67	30
205	-26	-27	Min.	0.00	-83.22	30	-458.26	30	-205.85	23	54.47	23	-466.12	30	-35.02	23
205	-26	-27	Min.	112.95					528.86	23			9.96	23		
205	-26	-27	Min.	133.53	-83.22	30	-458.26	30	-466.92	30	-9.93	23	8.93	23	-35.02	23
205	-27	-28	Max	0.00	14.46	23	230.46	23	662.75	23	309.86	30	592.52	30	24.67	30
205	-27	-28	Max	84.26					856.92	23			26.05	23		
205	-27	-28	Max	133.53	14.46	23	230.46	23	970.49	23	245.46	30	963.29	30	24.67	30
205	-27	-28	Min.	0.00	-83.22	30	-162.35	30	-466.90	30	40.64	23	8.94	23	-35.02	23
205	-27	-28	Min.	84.26					856.92	23			26.05	23		
205	-27	-28	Min.	133.53	-83.22	30	-162.35	30	-683.70	30	-23.77	23	20.20	23	-35.02	23
205	-28	-29	Max	0.00	14.46	23	133.55	30	970.48	23	26.80	23	963.29	30	24.67	30
205	-28	-29	Max	55.56					865.14	23			27.64	23		
205	-28	-29	Max	133.53	14.46	23	133.55	30	717.33	23	-37.61	23	646.16	30	24.67	30
205	-28	-29	Min.	0.00	-83.22	30	-189.58	23	-683.69	30	-205.28	30	20.20	23	-35.02	23
205	-28	-29	Min.	55.56					865.14	23			27.64	23		
205	-28	-29	Min.	133.53	-83.22	30	-189.58	23	-505.35	30	-269.69	30	12.98	23	-35.02	23
205	-29	-30	Max	0.00	14.46	23	429.46	30	717.32	23	12.95	23	646.15	30	24.67	30
205	-29	-30	Max	26.71					554.51	23			14.72	23		
205	-29	-30	Max	133.53	14.46	23	429.46	30	68.13	30	-51.45	23	-12.72	23	24.67	30
205	-29	-30	Min.	0.00	-83.22	30	-609.61	23	-505.34	30	-720.43	30	12.98	23	-35.02	23
205	-29	-30	Min.	26.71					554.51	23			14.72	23		
205	-29	-30	Min.	133.53	-83.22	30	-609.61	23	-96.71	23	-784.84	30	-358.87	30	-35.02	23
205	-30	-31	Max	0.00	14.46	23	725.37	30	68.12	30	-0.88	23	-12.72	23	24.67	30
205	-30	-31	Max	88.20	14.46	23	725.37	30	707.89	30	-43.42	23	-32.26	23	24.67	30
205	-30	-31	Min.	0.00	-83.22	30	-1029.64	23	-96.69	23	-1235.58	30	-358.85	30	-35.02	23

205	-30	-31	Min.	88.20	-83.22	30	-1029.64	23	-1004.83	23	-1278.12	30	-1467.39	30	-35.02	23	
206	-31	-32	Max	0.00	91.85	30	899.20	23	706.97	30	1086.17	30	-13.05	23	84.08	30	
206	-31	-32	Max	18.13					-840.46	23			-12.25	23			
206	-31	-32	Max	45.33	91.85	30	899.20	23	419.79	30	1064.31	30	-14.04	23	84.08	30	
206	-31	-32	Min.	0.00	23.24	23	-633.48	30	-1003.52	23	8.75	23	-1080.54	30	-119.34	23	
206	-31	-32	Min.	18.13					-840.46	23			-12.25	23			
206	-31	-32	Min.	45.33	23.24	23	-633.48	30	-595.88	23	-13.11	23	-593.10	30	-119.34	23	
206	-32	-33	Max	0.00	91.85	30	479.17	23	419.81	30	613.57	30	-14.04	23	84.08	30	
206	-32	-33	Max	77.65					-223.81	23			0.51	23			
206	-32	-33	Max	133.53	91.85	30	479.17	23	43.94	23	549.16	30	183.18	30	84.08	30	
206	-32	-33	Min.	0.00	23.24	23	-337.57	30	-595.91	23	37.45	23	-593.14	30	-119.35	23	
206	-32	-33	Min.	77.65					-223.81	23			0.51	23			
206	-32	-33	Min.	133.53	23.24	23	-337.57	30	-30.96	30	-26.95	23	-7.02	23	-119.35	23	
206	-33	-34	Max	0.00	91.85	30	59.14	23	43.97	23	98.41	30	183.21	30	84.08	30	
206	-33	-34	Max	93.86					59.69	24			69.30	24			
206	-33	-34	Max	133.53	91.85	30	59.14	23	122.94	23	34.01	30	271.63	30	84.08	30	
206	-33	-34	Min.	0.00	23.24	23	-41.66	30	-30.98	30	23.61	23	-7.03	23	-119.35	23	
206	-33	-34	Min.	48.95					72.92	23			-1.25	23			
206	-33	-34	Min.	133.53	23.24	23	-41.66	30	-86.61	30	-40.79	23	-18.50	23	-119.35	23	
206	-34	-35	Max	0.00	91.85	30	254.25	30	122.94	23	9.77	23	271.63	30	84.08	30	
206	-34	-35	Max	20.26					49.83	23			-17.51	23			
206	-34	-35	Max	133.53	91.85	30	254.25	30	252.90	30	-54.63	23	-48.45	23	84.08	30	
206	-34	-35	Min.	0.00	23.24	23	-360.89	23	-86.61	30	-416.73	30	-18.50	23	-119.35	23	
206	-34	-35	Min.	20.26					49.83	23			-17.51	23			
206	-34	-35	Min.	133.53	23.24	23	-360.89	23	-358.98	23	-481.14	30	-327.85	30	-119.35	23	
206	-35	-36	Max	0.00	91.85	30	550.16	30	252.89	30	-4.07	23	-48.45	23	84.08	30	
206	-35	-36	Max	54.07	91.85	30	550.16	30	550.34	30	-30.14	23	-57.70	23	84.08	30	
206	-35	-36	Min.	0.00	23.24	23	-780.93	23	-358.96	23	-931.88	30	-327.83	30	-119.35	23	
206	-35	-36	Min.	54.07	23.24	23	-780.93	23	-781.19	23	-957.96	30	-838.72	30	-119.35	23	
206	-36	-37	Max	0.00	0.00	18	630.05	23	550.30	30	822.93	30	-109.28	23	0.00	23	
206	-36	-37	Max	79.47	0.00	18	630.05	23	197.58	30	784.61	30	-68.11	23	0.00	23	
206	-36	-37	Min.	0.00	0.00	18	-443.86	30	-781.13	23	70.97	23	-1041.56	30	-0.00	30	
206	-36	-37	Min.	79.47	0.00	18	-443.86	30	-280.46	23	32.64	23	-402.83	30	-0.00	30	
206	-37	-38	Max	0.00	0.00	18	210.02	23	197.56	30	333.86	30	-68.11	23	0.00	23	
206	-37	-38	Max	133.53	0.00	18	210.02	23	0.01	23	269.46	30	0.01	30	0.00	23	
206	-37	-38	Min.	0.00	0.00	18	-147.95	30	-280.44	23	83.21	23	-402.81	30	0.00	30	
206	-37	-38	Min.	133.53	0.00	18	-147.95	30	-0.00	30	18.80	23	0.00	23	0.00	30	
301	-3	-60	Max	0.00	73.56	31	0.00	18	0.00	18	137.88	30	90.13	23	0.00	18	
301	-3	-60	Max	150.00	13.99	31	0.00	18	0.00	18	42.04	30	0.00	23	0.00	18	
301	-3	-60	Min.	0.00	67.93	23	0.00	18	0.00	18	-80.62	23	-134.94	30	0.00	18	
301	-3	-60	Min.	150.00	11.88	23	0.00	18	0.00	18	-39.55	23	0.00	18	0.00	18	
301	-59	-3	Max	0.00	-11.88	30	0.00	18	0.00	23	39.55	23	0.00	23	0.00	18	
301	-59	-3	Max	150.00	-67.93	30	0.00	18	0.00	23	80.62	23	90.13	23	0.00	18	
301	-59	-3	Min.	0.00	-13.99	24	0.00	18	0.00	18	-42.04	30	0.00	18	0.00	18	
301	-59	-3	Min.	150.00	-73.56	24	0.00	18	0.00	18	-137.88	30	-134.94	30	0.00	18	
302	-4	-47	Max	0.00	111.02	31	0.00	18	0.00	18	250.47	30	199.23	23	0.00	18	
302	-4	-47	Max	150.00	27.97	31	0.00	18	0.00	18	84.09	30	0.00	23	0.00	18	
302	-4	-47	Min.	0.00	99.75	23	0.00	18	0.00	18	-186.54	23	-250.92	30	0.00	18	
302	-4	-47	Min.	150.00	23.76	23	0.00	18	0.00	18	-79.10	23	0.00	18	0.00	18	
302	-46	-4	Max	0.00	-23.76	30	0.00	18	0.00	18	79.10	23	0.00	23	0.00	18	
302	-46	-4	Max	150.00	-99.75	30	0.00	18	0.00	18	186.54	23	199.23	23	0.00	18	
302	-46	-4	Min.	0.00	-27.97	24	0.00	18	0.00	18	-84.09	30	0.00	30	0.00	18	
302	-46	-4	Min.	150.00	-111.02	24	0.00	18	0.00	18	-250.47	30	-250.92	30	0.00	18	
303	-6	-48	Max	0.00	111.02	31	0.00	18	0.00	18	250.47	30	199.23	23	0.00	18	
303	-6	-48	Max	150.00	27.97	31	0.00	18	0.00	18	84.09	30	0.00	23	0.00	18	
303	-6	-48	Min.	0.00	99.75	23	0.00	18	0.00	18	-186.54	23	-250.92	30	0.00	18	
303	-6	-48	Min.	150.00	23.76	23	0.00	18	0.00	18	-79.10	23	0.00	18	0.00	18	
303	-49	-6	Max	0.00	-23.76	30	0.00	18	0.00	18	79.10	23	0.00	23	0.00	18	
303	-49	-6	Max	150.00	-99.75	30	0.00	18	0.00	18	186.54	23	199.23	23	0.00	18	
303	-49	-6	Min.	0.00	-27.97	24	0.00	18	0.00	18	-84.09	30	0.00	18	0.00	18	
303	-49	-6	Min.	150.00	-111.02	24	0.00	18	0.00	18	-250.47	30	-250.92	30	0.00	18	
304	-7	-96	Max	0.00	111.02	31	0.00	18	0.00	18	250.47	30	199.23	23	0.00	18	
304	-7	-96	Max	150.00	27.97	31	0.00	18	0.00	18	84.09	30	0.00	23	0.00	18	
304	-7	-96	Min.	0.00	99.75	23	0.00	18	0.00	18	-186.54	23	-250.92	30	0.00	18	
304	-7	-96	Min.	150.00	23.76	23	0.00	18	0.00	18	-79.10	23	0.00	18	0.00	18	
304	-95	-7	Max	0.00	-23.76	30	0.00	18	0.00	18	79.10	23	0.00	23	0.00	18	
304	-95	-7	Max	150.00	-99.75	30	0.00	18	0.00	18	186.54	23	199.23	23	0.00	18	
304	-95	-7	Min.	0.00	-27.97	24	0.00	18	0.00	18	-84.09	30	0.00	18	0.00	18	
304	-95	-7	Min.	150.00	-111.02	24	0.00	18	0.00	18	-250.47	30	-250.92	30	0.00	18	
305	-8	-66	Max	0.00	111.02	31	0.00	18	0.00	18	250.47	30	199.23	23	0.00	18	
305	-8	-66	Max	150.00	27.97	31	0.00	18	0.00	18	84.09	30	0.00	23	0.00	18	
305	-8	-66	Min.	0.00	99.75	23	0.00	18	0.00	18	-186.54	23	-250.92	30	0.00	18	
305	-8	-66	Min.	150.00	23.76	23	0.00	18	0.00	18	-79.10	23	0.00	31	0.00	18	
305	-67	-8	Max	0.00	-23.76	30	0.00	18	0.00	18	79.10	23	0.00	23	0.00	18	
305	-67	-8	Max	150.00	-99.75	30	0.00	18	0.00	18	186.54	23	199.23	23	0.00	18	
305	-67	-8	Min.	0.00	-27.97	24	0.00	18	0.00	18	-84.09	30	0.00	30	0.00	18	
305	-67	-8	Min.	150.00	-111.02	24	0.00	18	0.00	18	-250.47	30	-250.92	30	0.00	18	
306	-9	-69	Max	0.00	111.02	31	0.00	18	0.00	18	250.47	30	199.23	23	0.00	18	
306	-9	-69	Max	150.00	27.97	31	0.00	18	0.00	18	84.09	30	0.00	23	0.00	18	
306	-9	-69	Min.	0.00	99.75	23	0.00	18	0.00	18	-186.54	23	-250.92	30	0.00	18	
306	-9	-69	Min.	150.00	23.76	23	0.00	18	0.00	18	-79.10	23	0.00	31	0.00	18	
306	-68	-9	Max	0.00	-23.76	30	0.00	18	0.00	18	79.10	23	0.00	30	0.00	18	
306	-68	-9	Max	150.00	-99.75	30	0.00	18	0.00	18	186.54	23	199.23	23	0.00	18	
306	-68	-9	Min.	0.00	-27.97	24	0.00	18	0.00	18	-84.09	30	0.00	18	0.00	18	
306	-68	-9	Min.	150.00	-111.02	24	0.00	18	0.00	18	-250.47	30	-250.92	30	0.00	18	
307	-11	-70	Max	0.00	111.02	31	0.00	18	0.00	18	250.47	30	199.23	23	0.00	18	
307	-11	-70	Max	150.00	27.97	31	0.00	18	0.00	18	84.09	30	0.00	23	0.00	18	
307	-11	-70	Min.	0.00	99.75	23	0.00	18	0.00	18	-186.54	23	-250.92	30	0.00	18	
307	-11	-70	Min.	150.00	23.76	23	0.00	18	0.00	18	-79.10	23	0.00	31	0.00	18	
307	-71	-11	Max	0.00	-23.76	30	0.00	18	0.00	18	79.10	23	0.00	30	0.00	18	
307	-71	-11	Max	150.00	-99.75	30	0.00	18	0.00	18	186.54	23	199.23	23	0.00	18	
307	-71	-11	Min.	0.00	-27.97	24	0.00	18	0.00	18	-84.09	30	0.00	23	0.00	18	
307	-71	-11	Min.	150.00	-111.02	24	0.00	18	0.00	18	-250.47	30	-250.92	30	0.00	18	
308	-12	-72	Max	0.00	111.02	31	0.00	18	0.00	18	250.47	30	199.23	23	0.00	18	
308	-12	-72	Max	150.00	27.97	31	0.00	18	0.00	18	84.09	30	0.00	23	0.00	18	
308	-12	-72	Min.	0.00	99.75	23	0.00	18	0.00	18	-186.54	23	-250.92	30	0.00	18	
308	-12	-72	Min.	150.00	23.76	23	0.00	18	0.00	18	-79.10	23	0.00	31	0.00	18	
308	-73	-12	Max	0.00	-23.76	30	0.00	18	0.00	18	79.10	23	0.00	18	0.00	18	
308	-73	-12	Max	150.00	-99.75	30	0.00	18	0.00	18	186.54	23	199.23	23	0.00	18	
308	-73	-12	Min.	0.00	-27.97	24	0.00	18	0.00	18	-84.09	30	0.00	23	0.00	18	
308	-73	-12	Min.	150.00	-111.02	24	0.00	18	0.00	18	-250.47	30	-250.92	30	0.00	18	

309	-13	-74	Max	0.00	111.02	31	0.00	18	0.00	18	250.47	30	199.23	23	0.00	18
309	-13	-74	Max	150.00	27.97	31	0.00	18	0.00	18	84.09	30	0.00	23	0.00	18
309	-13	-74	Min.	0.00	99.75	23	0.00	18	0.00	18	-186.54	23	-250.92	30	0.00	18
309	-13	-74	Min.	150.00	23.76	23	0.00	18	0.00	18	-79.10	23	0.00	31	0.00	18
309	-75	-13	Max	0.00	-23.76	30	0.00	18	0.00	18	79.10	23	0.00	30	0.00	18
309	-75	-13	Max	150.00	-99.75	30	0.00	18	0.00	18	186.54	23	199.23	23	0.00	18
309	-75	-13	Min.	0.00	-27.97	24	0.00	18	0.00	18	-84.09	30	0.00	23	0.00	18
309	-75	-13	Min.	150.00	-111.02	24	0.00	18	0.00	18	-250.47	30	-250.92	30	0.00	18
310	-14	-90	Max	0.00	111.02	31	0.00	18	0.00	18	250.47	30	199.23	23	0.00	18
310	-14	-90	Max	150.00	27.97	31	0.00	18	0.00	18	84.09	30	0.00	23	0.00	18
310	-14	-90	Min.	0.00	99.75	23	0.00	18	0.00	18	-186.54	23	-250.92	30	0.00	18
310	-14	-90	Min.	150.00	23.76	23	0.00	18	0.00	18	-79.10	23	0.00	31	0.00	18
310	-91	-14	Max	0.00	-23.76	30	0.00	18	0.00	18	79.10	23	0.00	23	0.00	18
310	-91	-14	Max	150.00	-99.75	30	0.00	18	0.00	18	186.54	23	199.23	23	0.00	18
310	-91	-14	Min.	0.00	-27.97	24	0.00	18	0.00	18	-84.09	30	0.00	30	0.00	18
310	-91	-14	Min.	150.00	-111.02	24	0.00	18	0.00	18	-250.47	30	-250.92	30	0.00	18
311	-15	-92	Max	0.00	111.02	31	0.00	18	0.00	18	250.47	30	199.23	23	0.00	18
311	-15	-92	Max	150.00	27.97	31	0.00	18	0.00	18	84.09	30	0.00	23	0.00	18
311	-15	-92	Min.	0.00	99.75	23	0.00	18	0.00	18	-186.54	23	-250.92	30	0.00	18
311	-15	-92	Min.	150.00	23.76	23	0.00	18	0.00	18	-79.10	23	0.00	31	0.00	18
311	-93	-15	Max	0.00	-23.76	30	0.00	18	0.00	18	79.10	23	0.00	18	0.00	18
311	-93	-15	Max	150.00	-99.75	30	0.00	18	0.00	18	186.54	23	199.23	23	0.00	18
311	-93	-15	Min.	0.00	-27.97	24	0.00	18	0.00	18	-84.09	30	0.00	23	0.00	18
311	-93	-15	Min.	150.00	-111.02	24	0.00	18	0.00	18	-250.47	30	-250.92	30	0.00	18
312	-16	-98	Max	0.00	111.02	31	0.00	18	0.00	18	250.47	30	199.23	23	0.00	18
312	-16	-98	Max	150.00	27.97	31	0.00	18	0.00	18	84.09	30	0.00	23	0.00	18
312	-16	-98	Min.	0.00	99.75	23	0.00	18	0.00	18	-186.54	23	-250.92	30	0.00	18
312	-16	-98	Min.	150.00	23.76	23	0.00	18	0.00	18	-79.10	23	0.00	18	0.00	18
312	-94	-16	Max	0.00	-23.76	30	0.00	18	0.00	18	79.10	23	0.00	23	0.00	18
312	-94	-16	Max	150.00	-99.75	30	0.00	18	0.00	18	186.54	23	199.23	23	0.00	18
312	-94	-16	Min.	0.00	-27.97	24	0.00	18	0.00	18	-84.09	30	0.00	30	0.00	18
312	-94	-16	Min.	150.00	-111.02	24	0.00	18	0.00	18	-250.47	30	-250.92	30	0.00	18
313	-17	-97	Max	0.00	111.02	31	0.00	18	0.00	18	250.47	30	199.23	23	0.00	18
313	-17	-97	Max	150.00	27.97	31	0.00	18	0.00	18	84.09	30	0.00	23	0.00	18
313	-17	-97	Min.	0.00	99.75	23	0.00	18	0.00	18	-186.54	23	-250.92	30	0.00	18
313	-17	-97	Min.	150.00	23.76	23	0.00	18	0.00	18	-79.10	23	0.00	18	0.00	18
313	-42	-17	Max	0.00	-23.76	30	0.00	18	0.00	18	79.10	23	0.00	23	0.00	18
313	-42	-17	Max	150.00	-99.75	30	0.00	18	0.00	18	186.54	23	199.23	23	0.00	18
313	-42	-17	Min.	0.00	-27.97	24	0.00	18	0.00	18	-84.09	30	0.00	18	0.00	18
313	-42	-17	Min.	150.00	-111.02	24	0.00	18	0.00	18	-250.47	30	-250.92	30	0.00	18
314	-18	-43	Max	0.00	111.02	31	0.00	18	0.00	18	250.47	30	199.23	23	0.00	18
314	-18	-43	Max	150.00	27.97	31	0.00	18	0.00	18	84.09	30	0.00	23	0.00	18
314	-18	-43	Min.	0.00	99.75	23	0.00	18	0.00	18	-186.54	23	-250.92	30	0.00	18
314	-18	-43	Min.	150.00	23.76	23	0.00	18	0.00	18	-79.10	23	0.00	18	0.00	18
314	-44	-18	Max	0.00	-23.76	30	0.00	18	0.00	18	79.10	23	0.00	23	0.00	18
314	-44	-18	Max	150.00	-99.75	30	0.00	18	0.00	18	186.54	23	199.23	23	0.00	18
314	-44	-18	Min.	0.00	-27.97	24	0.00	18	0.00	18	-84.09	30	0.00	30	0.00	18
314	-44	-18	Min.	150.00	-111.02	24	0.00	18	0.00	18	-250.47	30	-250.92	30	0.00	18
315	-19	-45	Max	0.00	111.02	31	0.00	18	0.00	18	250.47	30	199.23	23	0.00	18
315	-19	-45	Max	150.00	27.97	31	0.00	18	0.00	18	84.09	30	0.00	23	0.00	18
315	-19	-45	Min.	0.00	99.75	23	0.00	18	0.00	18	-186.54	23	-250.92	30	0.00	18
315	-19	-45	Min.	150.00	23.76	23	0.00	18	0.00	18	-79.10	23	0.00	18	0.00	18
315	-58	-19	Max	0.00	-23.76	30	0.00	18	0.00	18	79.10	23	0.00	23	0.00	18
315	-58	-19	Max	150.00	-99.75	30	0.00	18	0.00	18	186.54	23	199.23	23	0.00	18
315	-58	-19	Min.	0.00	-27.97	24	0.00	18	0.00	18	-84.09	30	0.00	30	0.00	18
315	-58	-19	Min.	150.00	-111.02	24	0.00	18	0.00	18	-250.47	30	-250.92	30	0.00	18
316	-20	-63	Max	0.00	73.56	31	0.00	18	0.00	18	137.88	30	90.13	23	0.00	18
316	-20	-63	Max	150.00	13.99	31	0.00	18	0.00	18	42.04	30	0.00	23	0.00	18
316	-20	-63	Min.	0.00	67.93	23	0.00	18	0.00	18	-80.62	23	-134.94	30	0.00	18
316	-20	-63	Min.	150.00	11.88	23	0.00	18	0.00	18	-39.55	23	0.00	30	0.00	18
316	-65	-20	Max	0.00	-11.88	30	0.00	18	0.00	18	39.55	23	0.00	23	0.00	18
316	-65	-20	Max	150.00	-67.93	30	0.00	18	0.00	18	80.62	23	90.13	23	0.00	18
316	-65	-20	Min.	0.00	-13.99	24	0.00	18	0.00	18	-42.04	30	0.00	18	0.00	18
316	-65	-20	Min.	150.00	-73.56	24	0.00	18	0.00	18	-137.88	30	-134.94	30	0.00	18
317	-21	-51	Max	0.00	73.56	31	0.00	18	0.00	18	137.88	30	90.13	23	0.00	18
317	-21	-51	Max	150.00	13.99	31	0.00	18	0.00	18	42.04	30	0.00	23	0.00	18
317	-21	-51	Min.	0.00	67.93	23	0.00	18	0.00	18	-80.62	23	-134.94	30	0.00	18
317	-21	-51	Min.	150.00	11.88	23	0.00	18	0.00	18	-39.55	23	0.00	18	0.00	18
317	-50	-21	Max	0.00	-11.88	30	0.00	18	0.00	18	39.55	23	0.00	23	0.00	18
317	-50	-21	Max	150.00	-67.93	30	0.00	18	0.00	18	80.62	23	90.13	23	0.00	18
317	-50	-21	Min.	0.00	-13.99	24	0.00	18	0.00	18	-42.04	30	0.00	30	0.00	18
317	-50	-21	Min.	150.00	-73.56	24	0.00	18	0.00	18	-137.88	30	-134.94	30	0.00	18
318	-22	-53	Max	0.00	111.02	18	0.00	18	0.00	18	250.47	30	199.23	23	0.00	18
318	-22	-53	Max	150.00	27.97	31	0.00	18	0.00	18	84.09	30	0.00	23	0.00	18
318	-22	-53	Min.	0.00	99.75	23	0.00	18	0.00	18	-186.54	23	-250.92	30	0.00	18
318	-22	-53	Min.	150.00	23.76	23	0.00	18	0.00	18	-79.10	23	0.00	18	0.00	18
318	-52	-22	Max	0.00	-23.76	30	0.00	18	0.00	18	79.10	23	0.00	30	0.00	18
318	-52	-22	Max	150.00	-99.75	30	0.00	18	0.00	18	186.54	23	199.23	23	0.00	18
318	-52	-22	Min.	0.00	-27.97	24	0.00	18	0.00	18	-84.09	30	0.00	18	0.00	18
318	-52	-22	Min.	150.00	-111.02	24	0.00	18	0.00	18	-250.47	30	-250.92	30	0.00	18
319	-23	-55	Max	0.00	111.02	18	0.00	18	0.00	18	250.47	30	199.23	23	0.00	18
319	-23	-55	Max	150.00	27.97	31	0.00	18	0.00	18	84.09	30	0.00	23	0.00	18
319	-23	-55	Min.	0.00	99.75	23	0.00	18	0.00	18	-186.54	23	-250.92	30	0.00	18
319	-23	-55	Min.	150.00	23.76	23	0.00	18	0.00	18	-79.10	23	0.00	18	0.00	18
319	-54	-23	Max	0.00	-23.76	30	0.00	18	0.00	18	79.10	23	0.00	30	0.00	18
319	-54	-23	Max	150.00	-99.75	30	0.00	18	0.00	18	186.54	23	199.23	23	0.00	18
319	-54	-23	Min.	0.00	-27.97	24	0.00	18	0.00	18	-84.09	30	0.00	18	0.00	18
319	-54	-23	Min.	150.00	-111.02	24	0.00	18	0.00	18	-250.47	30	-250.92	30	0.00	18
320	-24	-57	Max	0.00	111.02	31	0.00	18	0.00	18	250.47	30	199.23	23	0.00	18
320	-24	-57	Max	150.00	27.97	31	0.00	18	0.00	18	84.09	30	0.00	23	0.00	18
320	-24	-57	Min.	0.00	99.75	23	0.00	18	0.00	18	-186.54	23	-250.92	30	0.00	18
320	-24	-57	Min.	150.00	23.76	23	0.00	18	0.00	18	-79.10	23	0.00	18	0.00	18
320	-56	-24	Max	0.00	-23.76	30	0.00	18	0.00	18	79.10	23	0.00	18	0.00	18
320	-56	-24	Max	150.00	-99.75	30	0.00	18	0.00	18	186.54	23	199.23	23	0.00	18
320	-56	-24	Min.	0.00	-27.97	24	0.00	18	0.00	18	-84.09	30	0.00	23	0.00	18
320	-56	-24	Min.	150.00	-111.02	24	0.00	18	0.00	18	-250.47	30	-250.92	30	0.00	18
322	-25	-41	Max	0.00	111.02	31	0.00	18	0.00	18	250.47	30	199.23	23	0.00	18
322	-25	-41	Max	150.00	27.97	31	0.00	18	0.00	18	84.09	30	0.00	23	0.00	18
322	-25	-41	Min.	0.00	99.75	23	0.00	18	0.00	18	-186.54	23	-250.92	30	0.00	18
322	-25	-41	Min.	150.00	23.76	23	0.00	18	0.00	18	-79.10	23	0.00	18	0.00	18
322	-64	-25	Max	0.00	-23.76	30	0.00	18	0.00	18	79.10	23	0.00	30	0.00	18

322	-64	-25	Max	150.00	-99.75	30	0.00	18	0.00	18	186.54	23	199.23	23	0.00	18
322	-64	-25	Min.	0.00	-27.97	24	0.00	18	0.00	18	-84.09	30	0.00	23	0.00	18
322	-64	-25	Min.	150.00	-111.02	24	0.00	18	0.00	18	-250.47	30	-250.92	30	0.00	18
323	-26	-77	Max	0.00	111.02	18	0.00	18	0.00	18	250.47	30	199.23	23	0.00	18
323	-26	-77	Max	150.00	27.97	31	0.00	18	0.00	18	84.09	30	0.00	23	0.00	18
323	-26	-77	Min.	0.00	99.75	23	0.00	18	0.00	18	-186.54	23	-250.92	30	0.00	18
323	-26	-77	Min.	150.00	23.76	23	0.00	18	0.00	18	-79.10	23	0.00	18	0.00	18
323	-76	-26	Max	0.00	-23.76	30	0.00	18	0.00	18	79.10	23	0.00	23	0.00	18
323	-76	-26	Max	150.00	-99.75	30	0.00	18	0.00	18	186.54	23	199.23	23	0.00	18
323	-76	-26	Min.	0.00	-27.97	24	0.00	18	0.00	23	-84.09	30	0.00	18	0.00	18
323	-76	-26	Min.	150.00	-111.02	24	0.00	18	0.00	23	-250.47	30	-250.92	30	0.00	18
324	-27	-79	Max	0.00	111.02	18	0.00	18	0.00	18	250.47	30	199.23	23	0.00	18
324	-27	-79	Max	150.00	27.97	18	0.00	18	0.00	18	84.09	30	0.00	23	0.00	18
324	-27	-79	Min.	0.00	99.75	23	0.00	18	0.00	18	-186.54	23	-250.92	30	0.00	18
324	-27	-79	Min.	150.00	23.76	23	0.00	18	0.00	18	-79.10	23	0.00	30	0.00	18
324	-78	-27	Max	0.00	-23.76	30	0.00	18	0.00	18	79.10	23	0.00	18	0.00	18
324	-78	-27	Max	150.00	-99.75	30	0.00	18	0.00	18	186.54	23	199.23	23	0.00	18
324	-78	-27	Min.	0.00	-27.97	24	0.00	18	0.00	18	-84.09	30	0.00	23	0.00	18
324	-78	-27	Min.	150.00	-111.02	24	0.00	18	0.00	18	-250.47	30	-250.92	30	0.00	18
325	-28	-81	Max	0.00	111.02	18	0.00	18	0.00	18	250.47	30	199.23	23	0.00	18
325	-28	-81	Max	150.00	27.97	31	0.00	18	0.00	18	84.09	30	0.00	23	0.00	18
325	-28	-81	Min.	0.00	99.75	23	0.00	18	0.00	18	-186.54	23	-250.92	30	0.00	18
325	-28	-81	Min.	150.00	23.76	23	0.00	18	0.00	18	-79.10	23	0.00	18	0.00	18
325	-80	-28	Max	0.00	-23.76	30	0.00	18	0.00	18	79.10	23	0.00	30	0.00	18
325	-80	-28	Max	150.00	-99.75	30	0.00	18	0.00	18	186.54	23	199.23	23	0.00	18
325	-80	-28	Min.	0.00	-27.97	24	0.00	18	0.00	18	-84.09	30	0.00	18	0.00	18
325	-80	-28	Min.	150.00	-111.02	24	0.00	18	0.00	18	-250.47	30	-250.92	30	0.00	18
326	-29	-83	Max	0.00	111.02	31	0.00	18	0.00	18	250.47	30	199.23	23	0.00	18
326	-29	-83	Max	150.00	27.97	31	0.00	18	0.00	18	84.09	30	0.00	23	0.00	18
326	-29	-83	Min.	0.00	99.75	23	0.00	18	0.00	18	-186.54	23	-250.92	30	0.00	18
326	-29	-83	Min.	150.00	23.76	23	0.00	18	0.00	18	-79.10	23	0.00	18	0.00	18
326	-82	-29	Max	0.00	-23.76	30	0.00	18	0.00	18	79.10	23	0.00	30	0.00	18
326	-82	-29	Max	150.00	-99.75	30	0.00	18	0.00	18	186.54	23	199.23	23	0.00	18
326	-82	-29	Min.	0.00	-27.97	24	0.00	18	0.00	18	-84.09	30	0.00	23	0.00	18
326	-82	-29	Min.	150.00	-111.02	24	0.00	18	0.00	18	-250.47	30	-250.92	30	0.00	18
327	-30	-85	Max	0.00	111.02	18	0.00	18	0.00	18	250.47	30	199.23	23	0.00	18
327	-30	-85	Max	150.00	27.97	31	0.00	18	0.00	18	84.09	30	0.00	23	0.00	18
327	-30	-85	Min.	0.00	99.75	23	0.00	18	0.00	18	-186.54	23	-250.92	30	0.00	18
327	-30	-85	Min.	150.00	23.76	23	0.00	18	0.00	18	-79.10	23	0.00	18	0.00	18
327	-84	-30	Max	0.00	-23.76	30	0.00	18	0.00	18	79.10	23	0.00	23	0.00	18
327	-84	-30	Max	150.00	-99.75	30	0.00	18	0.00	18	186.54	23	199.23	23	0.00	18
327	-84	-30	Min.	0.00	-27.97	24	0.00	18	0.00	18	-84.09	30	0.00	30	0.00	18
327	-84	-30	Min.	150.00	-111.02	24	0.00	18	0.00	18	-250.47	30	-250.92	30	0.00	18
329	-32	-86	Max	0.00	111.02	18	0.00	18	0.00	18	250.47	30	199.23	23	0.00	18
329	-32	-86	Max	150.00	27.97	18	0.00	18	0.00	18	84.09	30	0.00	23	0.00	18
329	-32	-86	Min.	0.00	99.75	23	0.00	18	0.00	18	-186.54	23	-250.92	30	0.00	18
329	-32	-86	Min.	150.00	23.76	23	0.00	18	0.00	18	-79.10	23	0.00	30	0.00	18
329	-87	-32	Max	0.00	-23.76	30	0.00	18	0.00	18	79.10	23	0.00	30	0.00	18
329	-87	-32	Max	150.00	-99.75	30	0.00	18	0.00	18	186.54	23	199.23	23	0.00	18
329	-87	-32	Min.	0.00	-27.97	24	0.00	18	0.00	18	-84.09	30	0.00	23	0.00	18
329	-87	-32	Min.	150.00	-111.02	24	0.00	18	0.00	18	-250.47	30	-250.92	30	0.00	18
330	-33	-89	Max	0.00	111.02	18	0.00	18	0.00	18	250.47	30	199.23	23	0.00	18
330	-33	-89	Max	150.00	27.97	31	0.00	18	0.00	18	84.09	30	0.00	23	0.00	18
330	-33	-89	Min.	0.00	99.75	23	0.00	18	0.00	18	-186.54	23	-250.92	30	0.00	18
330	-33	-89	Min.	150.00	23.76	23	0.00	18	0.00	18	-79.10	23	0.00	30	0.00	18
330	-88	-33	Max	0.00	-23.76	30	0.00	18	0.00	18	79.10	23	0.00	23	0.00	18
330	-88	-33	Max	150.00	-99.75	30	0.00	18	0.00	18	186.54	23	199.23	23	0.00	18
330	-88	-33	Min.	0.00	-27.97	24	0.00	18	0.00	18	-84.09	30	0.00	18	0.00	18
330	-88	-33	Min.	150.00	-111.02	24	0.00	18	0.00	18	-250.47	30	-250.92	30	0.00	18
331	-34	-61	Max	0.00	111.02	18	0.00	18	0.00	18	250.47	30	199.23	23	0.00	18
331	-34	-61	Max	150.00	27.97	31	0.00	18	0.00	18	84.09	30	0.00	23	0.00	18
331	-34	-61	Min.	0.00	99.75	23	0.00	18	0.00	18	-186.54	23	-250.92	30	0.00	18
331	-34	-61	Min.	150.00	23.76	23	0.00	18	0.00	18	-79.10	23	0.00	30	0.00	18
331	-62	-34	Max	0.00	-23.76	30	0.00	18	0.00	18	79.10	23	0.00	18	0.00	18
331	-62	-34	Max	150.00	-99.75	30	0.00	18	0.00	18	186.54	23	199.23	23	0.00	18
331	-62	-34	Min.	0.00	-27.97	24	0.00	18	0.00	18	-84.09	30	0.00	23	0.00	18
331	-62	-34	Min.	150.00	-111.02	24	0.00	18	0.00	18	-250.47	30	-250.92	30	0.00	18
332	-35	-102	Max	0.00	111.02	18	0.00	18	0.00	18	250.47	30	199.23	23	0.00	18
332	-35	-102	Max	150.00	27.97	18	0.00	18	0.00	18	84.09	30	0.00	23	0.00	18
332	-35	-102	Min.	0.00	99.75	23	0.00	18	0.00	18	-186.54	23	-250.92	30	0.00	18
332	-35	-102	Min.	150.00	23.76	23	0.00	18	0.00	18	-79.10	23	0.00	30	0.00	18
332	-101	-35	Max	0.00	-23.76	30	0.00	18	0.00	18	79.10	23	0.00	23	0.00	18
332	-101	-35	Max	150.00	-99.75	30	0.00	18	0.00	18	186.54	23	199.23	23	0.00	18
332	-101	-35	Min.	0.00	-27.97	24	0.00	18	0.00	18	-84.09	30	0.00	18	0.00	18
332	-101	-35	Min.	150.00	-111.02	24	0.00	18	0.00	18	-250.47	30	-250.92	30	0.00	18
333	-37	-103	Max	0.00	111.02	18	0.00	18	0.00	18	250.47	30	199.23	23	0.00	18
333	-37	-103	Max	150.00	27.97	31	0.00	18	0.00	18	84.09	30	0.00	23	0.00	18
333	-37	-103	Min.	0.00	99.75	23	0.00	18	0.00	18	-186.54	23	-250.92	30	0.00	18
333	-37	-103	Min.	150.00	23.76	23	0.00	18	0.00	18	-79.10	23	0.00	30	0.00	18
333	-104	-37	Max	0.00	-23.76	30	0.00	18	0.00	18	79.10	23	0.00	30	0.00	18
333	-104	-37	Max	150.00	-99.75	30	0.00	18	0.00	18	186.54	23	199.23	23	0.00	18
333	-104	-37	Min.	0.00	-27.97	24	0.00	18	0.00	18	-84.09	30	0.00	23	0.00	18
333	-104	-37	Min.	150.00	-111.02	24	0.00	18	0.00	18	-250.47	30	-250.92	30	0.00	18
334	-38	-99	Max	0.00	73.56	31	0.00	18	0.00	18	137.88	30	90.13	23	0.00	18
334	-38	-99	Max	150.00	13.99	31	0.00	18	0.00	18	42.04	30	0.00	23	0.00	18
334	-38	-99	Min.	0.00	67.93	23	0.00	18	0.00	18	-80.62	23	-134.94	30	0.00	18
334	-38	-99	Min.	150.00	11.88	23	0.00	18	0.00	18	-39.55	23	0.00	30	0.00	18
334	-100	-38	Max	0.00	-11.88	30	0.00	18	0.00	18	39.55	23	0.00	30	0.00	18
334	-100	-38	Max	150.00	-67.93	30	0.00	18	0.00	18	80.62	23	90.13	23	0.00	18
334	-100	-38	Min.	0.00	-13.99	24	0.00	18	0.00	18	-42.04	30	0.00	23	0.00	18
334	-100	-38	Min.	150.00	-73.56	24	0.00	18	0.00	18	-137.88	30	-134.94	30	0.00	18

Tipo di combinazione di carico: SLE F

Asta	N1	N2		X <cm>	N <daN>	CC	Ty <daN>	CC	Mz <daNm>	CC	Tz <daN>	CC	My <daNm>	CC	Mx <daNm>	CC
1	1	-5	Max	0.00	-986.59	25	-51.68	25	71.32	32	282.19	25	672.87	32	0.01	32
1	1	-5	Max	330.00	-797.36	25	-51.68	25	-114.26	25	282.19	25	16.82	32	0.01	32
1	1	-5	Min.	0.00	-1322.55	32	-65.40	32	56.28	25	-198.80	32	-955.11	25	-0.02	25
1	1	-5	Min.	330.00	-1133.31	32	-65.40	32	-144.50	32	-198.80	32	-23.87	25	-0.02	25
2	2	-10	Max	0.00	-1199.75	25	110.96	32	-84.84	25	385.77	25	884.96	32	0.19	32

2	2	-10	Max	330.00	-1010.51	25	110.96	32	245.11	32	385.77	25	16.87	25	0.19	32
2	2	-10	Min.	0.00	-1662.17	32	77.70	25	-121.06	32	-271.77	32	-1256.17	25	-0.26	25
2	2	-10	Min.	330.00	-1472.94	32	77.70	25	171.59	25	-271.77	32	-11.88	32	-0.26	25
3	3	203	Max	0.00	-1304.69	25	-47.87	25	75.69	32	420.22	25	963.21	32	0.16	25
3	3	203	Max	330.00	-1115.45	25	-47.87	25	-105.80	25	420.22	25	19.48	25	0.16	25
3	3	203	Min.	0.00	-1808.59	32	-69.40	32	52.19	25	-296.04	32	-1367.24	25	-0.11	32
3	3	203	Min.	330.00	-1619.35	32	-69.40	32	-153.33	32	-296.04	32	-13.72	32	-0.11	32
4	4	204	Max	0.00	-1186.97	25	0.00	32	0.00	25	242.23	32	1159.60	25	0.00	25
4	4	204	Max	330.00	-997.73	25	0.00	32	0.00	32	242.23	32	24.94	25	0.00	25
4	4	204	Min.	0.00	-1590.26	32	0.00	25	0.00	32	-343.83	25	-816.93	32	0.00	32
4	4	204	Min.	330.00	-1401.02	32	0.00	25	0.00	25	-343.83	25	-17.57	32	0.00	32
5	5	205	Max	0.00	-1304.69	25	-47.87	25	75.69	32	296.04	32	1367.24	25	0.11	32
5	5	205	Max	330.00	-1115.45	25	-47.87	25	-105.80	25	296.04	32	13.72	32	0.11	32
5	5	205	Min.	0.00	-1808.59	32	-69.40	32	52.19	25	-420.22	25	-963.21	32	-0.16	25
5	5	205	Min.	330.00	-1619.35	32	-69.40	32	-153.33	32	-420.22	25	-19.48	25	-0.16	25
6	6	-31	Max	0.00	-1199.75	25	110.96	32	-84.84	25	271.77	32	1256.17	25	0.26	25
6	6	-31	Max	330.00	-1010.51	25	110.96	32	245.12	32	271.77	32	11.88	32	0.26	25
6	6	-31	Min.	0.00	-1662.17	32	77.71	25	-121.06	32	-385.77	25	-884.96	32	-0.19	32
6	6	-31	Min.	330.00	-1472.94	32	77.71	25	171.59	25	-385.77	25	-16.87	25	-0.19	32
7	7	-36	Max	0.00	-986.59	25	-51.68	25	71.32	32	198.80	32	955.11	25	0.02	25
7	7	-36	Max	330.00	-797.36	25	-51.68	25	-114.26	25	198.80	32	23.87	25	0.02	25
7	7	-36	Min.	0.00	-1322.55	32	-65.40	32	56.28	25	-282.19	25	-672.87	32	-0.01	32
7	7	-36	Min.	330.00	-1133.31	32	-65.40	32	-144.51	32	-282.19	25	-16.82	32	-0.01	32
201	-4	-3	Max	0.00	0.00	19	29.59	32	56.09	25	237.23	32	-206.84	25	0.00	32
201	-4	-3	Max	133.53	0.00	19	29.59	32	0.00	32	172.83	32	0.00	32	0.00	32
201	-4	-3	Min.	0.00	0.00	19	-42.00	25	-39.51	32	187.10	25	-273.78	32	0.00	25
201	-4	-3	Min.	133.53	0.00	19	-42.00	25	0.00	25	122.70	25	0.00	25	0.00	25
201	-5	-4	Max	0.00	0.00	19	88.77	32	156.22	25	533.04	32	-495.69	25	0.00	32
201	-5	-4	Max	79.47	0.00	19	88.77	32	56.09	25	494.71	32	-206.84	25	0.00	32
201	-5	-4	Min.	0.00	0.00	19	-126.01	25	-110.06	32	382.65	25	-682.14	32	0.00	25
201	-5	-4	Min.	79.47	0.00	19	-126.01	25	-39.51	32	344.32	25	-273.78	32	0.00	25
201	-6	-5	Max	0.00	65.40	32	156.19	25	71.79	25	-388.63	25	-164.26	25	23.87	25
201	-6	-5	Max	54.07	65.40	32	156.19	25	156.24	25	-414.71	25	-381.43	25	23.87	25
201	-6	-5	Min.	0.00	51.68	25	-110.03	32	-50.58	32	-574.19	32	-220.14	32	-16.82	32
201	-6	-5	Min.	54.07	51.68	25	-110.03	32	-110.07	32	-600.27	32	-537.63	32	-16.82	32
201	-7	-6	Max	0.00	65.40	32	72.18	25	17.32	32	-167.01	25	159.78	32	23.87	25
201	-7	-6	Max	133.53	65.40	32	72.18	25	71.79	25	-231.41	25	-164.25	25	23.87	25
201	-7	-6	Min.	0.00	51.68	25	-50.85	32	-24.59	25	-252.31	32	101.75	25	-16.82	32
201	-7	-6	Min.	133.53	51.68	25	-50.85	32	-50.58	32	-316.71	32	-220.13	32	-16.82	32
201	-8	-7	Max	0.00	65.40	32	8.33	32	6.20	32	69.58	32	109.87	32	23.87	25
201	-8	-7	Max	113.24					-22.19	25			102.75	25		
201	-8	-7	Max	133.53	65.40	32	8.33	32	17.32	32	5.17	32	159.78	32	23.87	25
201	-8	-7	Min.	0.00	51.68	25	-11.83	25	-8.79	25	54.62	25	71.82	25	-16.82	32
201	-8	-7	Min.	113.24					-22.19	25			102.75	25		
201	-8	-7	Min.	133.53	51.68	25	-11.83	25	-24.59	25	-9.79	25	101.75	25	-16.82	32
201	-9	-8	Max	0.00	65.40	32	67.51	32	119.18	25	391.46	32	-254.05	25	23.87	25
201	-9	-8	Max	133.53	65.40	32	67.51	32	6.20	32	327.06	32	109.87	32	23.87	25
201	-9	-8	Min.	0.00	51.68	25	-95.83	25	-83.96	32	276.24	25	-369.86	32	-16.82	32
201	-9	-8	Min.	133.53	51.68	25	-95.83	25	-8.80	25	211.84	25	71.82	25	-16.82	32
201	-10	-9	Max	0.00	65.40	32	126.70	32	200.71	25	670.81	32	-455.51	25	23.87	25
201	-10	-9	Max	45.33	65.40	32	126.70	32	119.18	25	648.95	32	-254.05	25	23.87	25
201	-10	-9	Min.	0.00	51.68	25	-179.84	25	-141.40	32	455.33	25	-669.01	32	-16.81	32
201	-10	-9	Min.	45.33	51.68	25	-179.84	25	-83.96	32	433.46	25	-369.87	32	-16.81	32
202	-11	-10	Max	0.00	-26.02	25	205.93	25	19.34	25	-512.65	25	-156.19	25	7.00	25
202	-11	-10	Max	88.20	-26.02	25	205.93	25	200.97	25	-555.19	25	-627.10	25	7.00	25
202	-11	-10	Min.	0.00	-45.56	32	-145.07	32	-13.62	32	-759.59	32	-225.41	32	-4.94	32
202	-11	-10	Min.	88.20	-45.56	32	-145.07	32	-141.58	32	-802.12	32	-914.13	32	-4.94	32
202	-12	-11	Max	0.00	-26.02	25	121.92	25	101.07	32	-291.02	25	402.06	32	7.00	25
202	-12	-11	Max	133.53	-26.02	25	121.92	25	19.34	25	-355.43	25	-156.19	25	7.00	25
202	-12	-11	Min.	0.00	-45.56	32	-85.89	32	-143.47	25	-437.70	32	275.43	25	-4.93	32
202	-12	-11	Min.	133.53	-45.56	32	-85.89	32	-13.62	32	-502.10	32	-225.41	32	-4.93	32
202	-13	-12	Max	0.00	-26.02	25	37.91	25	136.74	32	-69.40	25	599.71	32	7.00	25
202	-13	-12	Max	133.53	-26.02	25	37.91	25	101.07	32	-133.80	25	402.06	32	7.00	25
202	-13	-12	Min.	0.00	-45.56	32	-26.71	32	-194.10	25	-115.81	32	411.09	25	-4.93	32
202	-13	-12	Min.	133.53	-45.56	32	-26.71	32	-143.47	25	-180.22	32	275.43	25	-4.93	32
202	-14	-13	Max	0.00	-26.02	25	32.47	32	93.38	32	206.07	32	367.54	32	7.00	25
202	-14	-13	Max	133.53	-26.02	25	32.47	32	136.74	32	141.67	32	599.71	32	7.00	25
202	-14	-13	Min.	0.00	-45.56	32	-46.09	25	-132.55	25	152.23	25	250.82	25	-4.93	32
202	-14	-13	Min.	133.53	-45.56	32	-46.09	25	-194.10	25	87.82	25	411.10	25	-4.93	32
202	-15	-14	Max	0.00	-26.02	25	91.65	32	41.18	25	527.96	32	-205.39	25	7.00	25
202	-15	-14	Max	133.53	-26.02	25	91.65	32	93.38	32	463.56	32	367.54	32	7.00	25
202	-15	-14	Min.	0.00	-45.56	32	-130.10	25	-29.01	32	373.85	25	-294.46	32	-4.93	32
202	-15	-14	Min.	133.53	-45.56	32	-130.10	25	-132.55	25	309.45	25	250.82	25	-4.93	32
202	203	-15	Max	0.00	-26.02	25	150.83	32	228.88	25	827.72	32	-689.50	25	7.00	25
202	203	-15	Max	87.67	-26.02	25	150.83	32	41.18	25	785.44	32	-205.40	25	7.00	25
202	203	-15	Min.	0.00	-45.56	32	-214.10	25	-161.24	32	573.35	25	-1001.57	32	-4.93	32
202	203	-15	Min.	87.67	-45.56	32	-214.10	25	-29.01	32	531.07	25	-294.46	32	-4.93	32
203	-16	203	Max	0.00	23.84	32	206.11	25	134.17	25	-519.97	25	-340.12	25	8.79	32
203	-16	203	Max	45.87	23.84	32	206.11	25	228.71	25	-542.10	25	-583.69	25	8.79	32
203	-16	203	Min.	0.00	21.85	25	-145.20	32	-94.52	32	-769.50	32	-490.20	32	-12.47	25
203	-16	203	Min.	45.87	21.85	25	-145.20	32	-161.12	32	-791.62	32	-848.22	32	-12.47	25
203	-17	-16	Max	0.00	23.84	32	122.11	25	20.34	32	-298.35	25	150.51	32	8.79	32
203	-17	-16	Max	133.53	23.84	32	122.11	25	134.18	25	-362.75	25	-340.13	25	8.79	32
203	-17	-16	Min.	0.00	21.85	25	-86.02	32	-28.88	25	-447.62	32	101.27	25	-12.47	25
203	-17	-16	Min.	133.53	21.85	25	-86.02	32	-94.52	32	-512.02	32	-490.21	32	-12.47	25
203	-18	-17	Max	0.00	23.84	32	38.10	25	56.18	32	-76.73	25	361.40	32	8.79	32
203	-18	-17	Max	133.53	23.84	32	38.10	25	20.34	32	-141.13	25	150.50	32	8.79	32
203	-18	-17	Min.	0.00	21.85	25	-26.84	32	-79.75	25	-125.73	32	246.72	25	-12.47	25
203	-18	-17	Min.	133.53	21.85	25	-26.84	32	-28.88	25	-190.14	32	101.26	25	-12.47	25
203	-19	-18	Max	0.00	23.84	32	32.34	32	12.99	32	196.16	32	142.46	32	8.79	32
203	-19	-18	Max	133.53	23.84	32	32.34	32	56.18	32	131.75	32	361.39	32	8.79	32
203	-19	-18	Min.	0.00	21.85	25	-45.91	25	-18.45	25	144.90	25	96.23	25	-12.47	25
203	-19	-18	Min.	133.53	21.85	25	-45.91	25	-79.75	25	80.50	25	246.72	25	-12.47	25
203	-20	-19	Max	0.00	23.84	32	91.52	32	155.03	25	518.04	32	-350.19	25	8.79	32
203	-20	-19	Max	133.53	23.84	32	91.52	32	13.00	32	453.64	32	142.47	32	8.79	32
203	-20	-19	Min.	0.00	21.85	25	-129.91	25	-109.22	32	366.52	25	-506.28	32	-12.47	25
203	-20	-19	Min.	133.53	21.85	25	-129.91	25	-18.45	25	302.12	25	96.24	25	-12.47	25
203	204	-20	Max	0.00	23.84	32	121.11	32	189.41	25	700.51	32	-449.00	25	8.79	32
203	204	-20	Max	20.00	23.84	32	121.11	32	155.03	25	690.87	32	-350.19	25	8.79	32
203	204	-20	Min.	0.00	21.85	25	-171.92	25	-133.44	32	498.87	25	-645.42	32	-12.47	25
203	204	-20	Min.	20.00	21.85	25	-171.92	25	-109.22	32	489.22	25	-506.28	32	-12.47	25

204	204	-21	Max	0.00	23.84	32	171.92	25	133.44	32	700.51	32	-449.00	25	12.47	25	
204	204	-21	Max	20.00	23.84	32	171.92	25	109.22	32	690.87	32	-350.19	25	12.47	25	
204	204	-21	Min.	0.00	21.85	25	-121.11	32	-189.41	25	498.87	25	-645.42	32	-8.79	32	
204	204	-21	Min.	20.00	21.85	25	-121.11	32	-155.03	25	489.22	25	-506.28	32	-8.79	32	
204	-21	-22	Max	0.00	23.84	32	129.91	25	109.22	32	518.04	32	-350.19	25	12.47	25	
204	-21	-22	Max	133.53	23.84	32	129.91	25	18.45	25	453.63	32	142.47	32	12.47	25	
204	-21	-22	Min.	0.00	21.85	25	-91.52	32	-155.03	25	366.52	25	-506.28	32	-8.79	32	
204	-21	-22	Min.	133.53	21.85	25	-91.52	32	-13.00	32	302.12	25	96.24	25	-8.79	32	
204	-22	-23	Max	0.00	23.84	32	45.91	25	18.45	25	196.15	32	142.46	32	12.47	25	
204	-22	-23	Max	133.53	23.84	32	45.91	25	79.75	25	131.75	32	361.39	32	12.47	25	
204	-22	-23	Min.	0.00	21.85	25	-32.34	32	-12.99	32	144.90	25	96.23	25	-8.79	32	
204	-22	-23	Min.	133.53	21.85	25	-32.34	32	-56.18	32	80.50	25	246.72	25	-8.79	32	
204	-23	-24	Max	0.00	23.84	32	26.84	32	79.75	25	-76.73	25	361.40	32	12.47	25	
204	-23	-24	Max	133.53	23.84	32	26.84	32	28.88	25	-141.13	25	150.50	32	12.47	25	
204	-23	-24	Min.	0.00	21.85	25	-38.10	25	-56.18	32	-125.73	32	246.72	25	-8.79	32	
204	-23	-24	Min.	133.53	21.85	25	-38.10	25	-20.34	32	-190.14	32	101.26	25	-8.79	32	
204	-24	-25	Max	0.00	23.84	32	86.02	32	28.88	25	-298.35	25	150.50	32	12.47	25	
204	-24	-25	Max	133.53	23.84	32	86.02	32	94.53	32	-362.75	25	-340.13	25	12.47	25	
204	-24	-25	Min.	0.00	21.85	25	-122.11	25	-20.34	32	-447.62	32	101.27	25	-8.79	32	
204	-24	-25	Min.	133.53	21.85	25	-122.11	25	-134.18	25	-512.02	32	-490.22	32	-8.79	32	
204	-25	205	Max	0.00	23.84	32	145.20	32	94.52	32	-519.97	25	-340.12	25	12.47	25	
204	-25	205	Max	45.87	23.84	32	145.20	32	161.12	32	-542.10	25	-583.69	25	12.47	25	
204	-25	205	Min.	0.00	21.85	25	-206.11	25	-134.17	25	-769.50	32	-490.20	32	-8.79	32	
204	-25	205	Min.	45.87	21.85	25	-206.11	25	-228.71	25	-791.63	32	-848.22	32	-8.79	32	
205	205	-26	Max	0.00	-26.02	25	214.10	25	161.24	32	827.72	32	-689.50	25	4.93	32	
205	205	-26	Max	87.67	-26.02	25	214.10	25	29.01	32	785.44	32	-205.40	25	4.93	32	
205	205	-26	Min.	0.00	-45.56	32	-150.83	32	-228.88	25	573.35	25	-1001.57	32	-7.00	25	
205	205	-26	Min.	87.67	-45.56	32	-150.83	32	-41.18	25	531.07	25	-294.47	32	-7.00	25	
205	-26	-27	Max	0.00	-26.02	25	130.10	25	29.00	32	527.96	32	-205.38	25	4.93	32	
205	-26	-27	Max	133.53	-26.02	25	130.10	25	132.55	25	463.55	32	367.56	32	4.93	32	
205	-26	-27	Min.	0.00	-45.56	32	-91.65	32	-41.17	25	373.85	25	-294.44	32	-7.00	25	
205	-26	-27	Min.	133.53	-45.56	32	-91.65	32	-93.38	32	309.45	25	250.83	25	-7.00	25	
205	-27	-28	Max	0.00	-26.02	25	46.09	25	132.55	25	206.07	32	367.54	32	4.93	32	
205	-27	-28	Max	133.53	-26.02	25	46.09	25	194.10	25	141.67	32	599.72	32	4.93	32	
205	-27	-28	Min.	0.00	-45.56	32	-32.47	32	-93.38	32	152.23	25	250.82	25	-7.00	25	
205	-27	-28	Min.	133.53	-45.56	32	-32.47	32	-136.74	32	87.82	25	411.10	25	-7.00	25	
205	-28	-29	Max	0.00	-26.02	25	26.71	32	194.10	25	-69.40	25	599.71	32	4.93	32	
205	-28	-29	Max	133.53	-26.02	25	26.71	32	143.47	25	-133.80	25	402.06	32	4.93	32	
205	-28	-29	Min.	0.00	-45.56	32	-37.92	25	-136.74	32	-115.81	32	411.09	25	-7.00	25	
205	-28	-29	Min.	133.53	-45.56	32	-37.92	25	-101.07	32	-180.22	32	275.43	25	-7.00	25	
205	-29	-30	Max	0.00	-26.02	25	85.89	32	143.46	25	-291.02	25	402.05	32	4.93	32	
205	-29	-30	Max	133.53	-26.02	25	85.89	32	13.63	32	-355.43	25	-156.20	25	4.93	32	
205	-29	-30	Min.	0.00	-45.56	32	-121.92	25	-101.07	32	-437.70	32	275.42	25	-7.00	25	
205	-29	-30	Min.	133.53	-45.56	32	-121.92	25	-19.34	25	-502.11	32	-225.43	32	-7.00	25	
205	-30	-31	Max	0.00	-26.02	25	145.07	32	13.62	32	-512.65	25	-156.18	25	4.94	32	
205	-30	-31	Max	88.20	-26.02	25	145.07	32	141.58	32	-555.19	25	-627.10	25	4.94	32	
205	-30	-31	Min.	0.00	-45.56	32	-205.93	25	-19.34	25	-759.59	32	-225.41	32	-7.00	25	
205	-30	-31	Min.	88.20	-45.56	32	-205.93	25	-200.97	25	-802.12	32	-914.12	32	-7.00	25	
206	-31	-32	Max	0.00	65.40	32	179.84	25	141.39	32	670.81	32	-455.51	25	16.81	32	
206	-31	-32	Max	45.33	65.40	32	179.84	25	83.96	32	648.95	32	-254.05	25	16.81	32	
206	-31	-32	Min.	0.00	51.68	25	-126.70	32	-200.70	25	455.33	25	-669.01	32	-23.87	25	
206	-31	-32	Min.	45.33	51.68	25	-126.70	32	-119.18	25	433.46	25	-369.86	32	-23.87	25	
206	-32	-33	Max	0.00	65.40	32	95.83	25	83.96	32	391.46	32	-254.06	25	16.82	32	
206	-32	-33	Max	133.53	65.40	32	95.83	25	8.79	25	327.06	32	109.85	32	16.82	32	
206	-32	-33	Min.	0.00	51.68	25	-67.51	32	-119.18	25	276.24	25	-369.88	32	-23.87	25	
206	-32	-33	Min.	133.53	51.68	25	-67.51	32	-6.19	32	211.84	25	71.81	25	-23.87	25	
206	-33	-34	Max	0.00	65.40	32	11.83	25	8.79	25	69.58	32	109.87	32	16.82	32	
206	-33	-34	Max	113.24					22.19	25			102.75	25			
206	-33	-34	Max	133.53	65.40	32	11.83	25	24.59	25	5.17	32	159.78	32	16.82	32	
206	-33	-34	Min.	0.00	51.68	25	-8.33	32	-6.20	32	54.61	25	71.83	25	-23.87	25	
206	-33	-34	Min.	113.24					22.19	25			102.75	25			
206	-33	-34	Min.	133.53	51.68	25	-8.33	32	-17.32	32	-9.79	25	101.75	25	-23.87	25	
206	-34	-35	Max	0.00	65.40	32	50.85	32	24.59	25	-167.01	25	159.78	32	16.82	32	
206	-34	-35	Max	133.53	65.40	32	50.85	32	50.58	32	-231.41	25	-164.26	25	16.82	32	
206	-34	-35	Min.	0.00	51.68	25	-72.18	25	-17.32	32	-252.31	32	101.75	25	-23.87	25	
206	-34	-35	Min.	133.53	51.68	25	-72.18	25	-71.80	25	-316.71	32	-220.14	32	-23.87	25	
206	-35	-36	Max	0.00	65.40	32	110.03	32	50.58	32	-388.63	25	-164.25	25	16.82	32	
206	-35	-36	Max	54.07	65.40	32	110.03	32	110.07	32	-414.71	25	-381.42	25	16.82	32	
206	-35	-36	Min.	0.00	51.68	25	-156.19	25	-71.79	25	-574.19	32	-220.13	32	-23.87	25	
206	-35	-36	Min.	54.07	51.68	25	-156.19	25	-156.24	25	-600.27	32	-537.62	32	-23.87	25	
206	-36	-37	Max	0.00	0.00	19	126.01	25	110.06	32	533.04	32	-495.69	25	0.00	25	
206	-36	-37	Max	79.47	0.00	19	126.01	25	39.52	32	494.71	32	-206.85	25	0.00	25	
206	-36	-37	Min.	0.00	0.00	19	-88.77	32	-156.23	25	382.65	25	-682.15	32	0.00	32	
206	-36	-37	Min.	79.47	0.00	19	-88.77	32	-56.09	25	344.32	25	-273.79	32	0.00	32	
206	-37	-38	Max	0.00	0.00	19	42.00	25	39.51	32	237.23	32	-206.83	25	0.00	25	
206	-37	-38	Max	133.53	0.00	19	42.00	25	0.00	25	172.82	32	0.01	32	0.00	25	
206	-37	-38	Min.	0.00	0.00	19	-29.59	32	-56.09	25	187.10	25	-273.77	32	0.00	32	
206	-37	-38	Min.	133.53	0.00	19	-29.59	32	0.00	32	122.69	25	0.00	25	0.00	32	
301	-3	-60	Max	0.00	64.55	19	0.00	19	0.00	19	61.68	32	-11.44	25	0.00	19	
301	-3	-60	Max	130.25									0.27	25			
301	-3	-60	Max	150.00	10.62	19	0.00	19	0.00	19	13.59	32	0.00	25	0.00	19	
301	-3	-60	Min.	0.00	62.30	25	0.00	19	0.00	19	17.98	25	-56.46	32	0.00	19	
301	-3	-60	Min.	130.25									0.27	25			
301	-3	-60	Min.	150.00	9.78	25	0.00	19	0.00	19	-2.73	25	0.00	19	0.00	19	
301	-59	-3	Max	0.00	-9.78	32	0.00	19	0.00	25	2.73	25	0.00	25	0.00	19	
301	-59	-3	Max	19.75									0.27	25			
301	-59	-3	Max	150.00	-62.30	32	0.00	19	0.00	25	-17.98	25	-11.44	25	0.00	19	
301	-59	-3	Min.	0.00	-10.62	19	0.00	19	0.00	19	-13.59	32	0.00	19	0.00	19	
301	-59	-3	Min.	19.75									0.27	25			
301	-59	-3	Min.	150.00	-64.55	19	0.00	19	0.00	19	-61.68	32	-56.46	32	0.00	19	
302	-4	-47	Max	0.00	92.99	19	0.00	19	0.00	19	98.08	32	-3.92	25	0.00	19	
302	-4	-47	Max	99.30									1.38	25			
302	-4	-47	Max	150.00	21.24	19	0.00	19	0.00	19	27.18	32	0.00	25	0.00	19	
302	-4	-47	Min.	0.00	88.49	25	0.00	19	0.00	19	10.68	25	-93.95	32	0.00	19	
302	-4	-47	Min.	99.30									1.38	25			
302	-4	-47	Min.	150.00	19.56	25	0.00	19	0.00	19	-5.45	25	0.00	19	0.00	19	
302	-46	-4	Max	0.00	-19.56	32	0.00	19	0.00	19	5.45	25	0.00	25	0.00	19	
302	-46	-4	Max	50.70									1.38	25			
302	-46	-4	Max	150.00	-88.49	32	0.00	19	0.00	19	-10.68	25	-3.92	25	0.00	19	
302	-46	-4	Min.	0.00	-21.24	19	0.00	19	0.00	19	-27.18	32	0.00	32	0.00	19	
302	-46	-4	Min.	50.70									1.38	25			

302	-46	-4	Min.	150.00	-92.99	19	0.00	19	0.00	19	-98.08	32	-93.95	32	0.00	19	
303	-6	-48	Max	0.00	92.99	19	0.00	19	0.00	19	98.08	32	-3.92	25	0.00	19	
303	-6	-48	Max	99.30									1.38	25			
303	-6	-48	Max	150.00	21.24	19	0.00	19	0.00	19	27.18	32	0.00	25	0.00	19	
303	-6	-48	Min.	0.00	88.49	25	0.00	19	0.00	19	10.68	25	-93.95	32	0.00	19	
303	-6	-48	Min.	99.30									1.38	25			
303	-6	-48	Min.	150.00	19.56	25	0.00	19	0.00	19	-5.45	25	0.00	19	0.00	19	
303	-49	-6	Max	0.00	-19.56	32	0.00	19	0.00	19	5.45	25	0.00	25	0.00	19	
303	-49	-6	Max	50.70									1.38	25			
303	-49	-6	Max	150.00	-88.49	32	0.00	19	0.00	19	-10.68	25	-3.92	25	0.00	19	
303	-49	-6	Min.	0.00	-21.24	19	0.00	19	0.00	19	-27.18	32	0.00	19	0.00	19	
303	-49	-6	Min.	50.70									1.38	25			
303	-49	-6	Min.	150.00	-92.99	19	0.00	19	0.00	19	-98.08	32	-93.95	32	0.00	19	
304	-7	-96	Max	0.00	92.99	19	0.00	19	0.00	19	98.08	32	-3.92	25	0.00	19	
304	-7	-96	Max	99.30									1.38	25			
304	-7	-96	Max	150.00	21.24	19	0.00	19	0.00	19	27.18	32	0.00	25	0.00	19	
304	-7	-96	Min.	0.00	88.49	25	0.00	19	0.00	19	10.68	25	-93.95	32	0.00	19	
304	-7	-96	Min.	99.30									1.38	25			
304	-7	-96	Min.	150.00	19.56	25	0.00	19	0.00	19	-5.45	25	0.00	19	0.00	19	
304	-95	-7	Max	0.00	-19.56	32	0.00	19	0.00	19	5.45	25	0.00	25	0.00	19	
304	-95	-7	Max	50.70									1.38	25			
304	-95	-7	Max	150.00	-88.49	32	0.00	19	0.00	19	-10.68	25	-3.92	25	0.00	19	
304	-95	-7	Min.	0.00	-21.24	19	0.00	19	0.00	19	-27.18	32	0.00	19	0.00	19	
304	-95	-7	Min.	50.70									1.38	25			
304	-95	-7	Min.	150.00	-92.99	19	0.00	19	0.00	19	-98.08	32	-93.95	32	0.00	19	
305	-8	-66	Max	0.00	92.99	19	0.00	19	0.00	19	98.08	32	-3.92	25	0.00	19	
305	-8	-66	Max	99.30									1.38	25			
305	-8	-66	Max	150.00	21.24	19	0.00	19	0.00	19	27.18	32	0.00	25	0.00	19	
305	-8	-66	Min.	0.00	88.49	25	0.00	19	0.00	19	10.68	25	-93.95	32	0.00	19	
305	-8	-66	Min.	99.30									1.38	25			
305	-8	-66	Min.	150.00	19.56	25	0.00	19	0.00	19	-5.45	25	0.00	19	0.00	19	
305	-67	-8	Max	0.00	-19.56	32	0.00	19	0.00	19	5.45	25	0.00	25	0.00	19	
305	-67	-8	Max	50.70									1.38	25			
305	-67	-8	Max	150.00	-88.49	32	0.00	19	0.00	19	-10.68	25	-3.92	25	0.00	19	
305	-67	-8	Min.	0.00	-21.24	19	0.00	19	0.00	19	-27.18	32	0.00	32	0.00	19	
305	-67	-8	Min.	50.70									1.38	25			
305	-67	-8	Min.	150.00	-92.99	19	0.00	19	0.00	19	-98.08	32	-93.95	32	0.00	19	
306	-9	-69	Max	0.00	92.99	19	0.00	19	0.00	19	98.08	32	-3.92	25	0.00	19	
306	-9	-69	Max	99.30									1.38	25			
306	-9	-69	Max	150.00	21.24	19	0.00	19	0.00	19	27.18	32	0.00	25	0.00	19	
306	-9	-69	Min.	0.00	88.49	25	0.00	19	0.00	19	10.68	25	-93.95	32	0.00	19	
306	-9	-69	Min.	99.30									1.38	25			
306	-9	-69	Min.	150.00	19.56	25	0.00	19	0.00	19	-5.45	25	0.00	19	0.00	19	
306	-68	-9	Max	0.00	-19.56	32	0.00	19	0.00	19	5.45	25	0.00	32	0.00	19	
306	-68	-9	Max	50.70									1.38	25			
306	-68	-9	Max	150.00	-88.49	32	0.00	19	0.00	19	-10.68	25	-3.92	25	0.00	19	
306	-68	-9	Min.	0.00	-21.24	19	0.00	19	0.00	19	-27.18	32	0.00	19	0.00	19	
306	-68	-9	Min.	50.70									1.38	25			
306	-68	-9	Min.	150.00	-92.99	19	0.00	19	0.00	19	-98.08	32	-93.95	32	0.00	19	
307	-11	-70	Max	0.00	92.99	19	0.00	19	0.00	19	98.08	32	-3.92	25	0.00	19	
307	-11	-70	Max	99.30									1.38	25			
307	-11	-70	Max	150.00	21.24	19	0.00	19	0.00	19	27.18	32	0.00	25	0.00	19	
307	-11	-70	Min.	0.00	88.49	25	0.00	19	0.00	19	10.68	25	-93.95	32	0.00	19	
307	-11	-70	Min.	99.30									1.38	25			
307	-11	-70	Min.	150.00	19.56	25	0.00	19	0.00	19	-5.45	25	0.00	19	0.00	19	
307	-71	-11	Max	0.00	-19.56	32	0.00	19	0.00	19	5.45	25	0.00	32	0.00	19	
307	-71	-11	Max	50.70									1.38	25			
307	-71	-11	Max	150.00	-88.49	32	0.00	19	0.00	19	-10.68	25	-3.92	25	0.00	19	
307	-71	-11	Min.	0.00	-21.24	19	0.00	19	0.00	19	-27.18	32	0.00	25	0.00	19	
307	-71	-11	Min.	50.70									1.38	25			
307	-71	-11	Min.	150.00	-92.99	19	0.00	19	0.00	19	-98.08	32	-93.95	32	0.00	19	
308	-12	-72	Max	0.00	92.99	19	0.00	19	0.00	19	98.08	32	-3.92	25	0.00	19	
308	-12	-72	Max	99.30									1.38	25			
308	-12	-72	Max	150.00	21.24	19	0.00	19	0.00	19	27.18	32	0.00	25	0.00	19	
308	-12	-72	Min.	0.00	88.49	25	0.00	19	0.00	19	10.68	25	-93.95	32	0.00	19	
308	-12	-72	Min.	99.30									1.38	25			
308	-12	-72	Min.	150.00	19.56	25	0.00	19	0.00	19	-5.45	25	0.00	19	0.00	19	
308	-73	-12	Max	0.00	-19.56	32	0.00	19	0.00	19	5.45	25	0.00	19	0.00	19	
308	-73	-12	Max	50.70									1.38	25			
308	-73	-12	Max	150.00	-88.49	32	0.00	19	0.00	19	-10.68	25	-3.92	25	0.00	19	
308	-73	-12	Min.	0.00	-21.24	19	0.00	19	0.00	19	-27.18	32	0.00	25	0.00	19	
308	-73	-12	Min.	50.70									1.38	25			
308	-73	-12	Min.	150.00	-92.99	19	0.00	19	0.00	19	-98.08	32	-93.95	32	0.00	19	
309	-13	-74	Max	0.00	92.99	19	0.00	19	0.00	19	98.08	32	-3.92	25	0.00	19	
309	-13	-74	Max	99.30									1.38	25			
309	-13	-74	Max	150.00	21.24	19	0.00	19	0.00	19	27.18	32	0.00	25	0.00	19	
309	-13	-74	Min.	0.00	88.49	25	0.00	19	0.00	19	10.68	25	-93.95	32	0.00	19	
309	-13	-74	Min.	99.30									1.38	25			
309	-13	-74	Min.	150.00	19.56	25	0.00	19	0.00	19	-5.45	25	0.00	19	0.00	19	
309	-75	-13	Max	0.00	-19.56	32	0.00	19	0.00	19	5.45	25	0.00	32	0.00	19	
309	-75	-13	Max	50.70									1.38	25			
309	-75	-13	Max	150.00	-88.49	32	0.00	19	0.00	19	-10.68	25	-3.92	25	0.00	19	
309	-75	-13	Min.	0.00	-21.24	19	0.00	19	0.00	19	-27.18	32	0.00	25	0.00	19	
309	-75	-13	Min.	50.70									1.38	25			
309	-75	-13	Min.	150.00	-92.99	19	0.00	19	0.00	19	-98.08	32	-93.95	32	0.00	19	
310	-14	-90	Max	0.00	92.99	19	0.00	19	0.00	19	98.08	32	-3.92	25	0.00	19	
310	-14	-90	Max	99.30									1.38	25			
310	-14	-90	Max	150.00	21.24	19	0.00	19	0.00	19	27.18	32	0.00	25	0.00	19	
310	-14	-90	Min.	0.00	88.49	25	0.00	19	0.00	19	10.68	25	-93.95	32	0.00	19	
310	-14	-90	Min.	99.30									1.38	25			
310	-14	-90	Min.	150.00	19.56	25	0.00	19	0.00	19	-5.45	25	0.00	19	0.00	19	
310	-91	-14	Max	0.00	-19.56	32	0.00	19	0.00	19	5.45	25	0.00	25	0.00	19	
310	-91	-14	Max	50.70									1.38	25			
310	-91	-14	Max	150.00	-88.49	32	0.00	19	0.00	19	-10.68	25	-3.92	25	0.00	19	
310	-91	-14	Min.	0.00	-21.24	19	0.00	19	0.00	19	-27.18	32	0.00	32	0.00	19	
310	-91	-14	Min.	50.70									1.38	25			
310	-91	-14	Min.	150.00	-92.99	19	0.00	19	0.00	19	-98.08	32	-93.95	32	0.00	19	
311	-15	-92	Max	0.00	92.99	19	0.00	19	0.00	19	98.08	32	-3.92	25	0.00	19	
311	-15	-92	Max	99.30									1.38	25			
311	-15	-92	Max	150.00	21.24	19	0.00	19	0.00	19	27.18	32	0.00	25	0.00	19	
311	-15	-92	Min.	0.00	88.49	25	0.00	19	0.00	19	10.68	25	-93.95	32	0.00	19	

311	-15	-92	Min.	99.30								1.38	25			
311	-15	-92	Min.	150.00	19.56	25	0.00	19	0.00	19	-5.45	25	0.00	19	0.00	19
311	-93	-15	Max	0.00	-19.56	32	0.00	19	0.00	19	5.45	25	0.00	19	0.00	19
311	-93	-15	Max	50.70								1.38	25			
311	-93	-15	Max	150.00	-88.49	32	0.00	19	0.00	19	-10.68	25	-3.92	25	0.00	19
311	-93	-15	Min.	0.00	-21.24	19	0.00	19	0.00	19	-27.18	32	0.00	25	0.00	19
311	-93	-15	Min.	50.70								1.38	25			
311	-93	-15	Min.	150.00	-92.99	19	0.00	19	0.00	19	-98.08	32	-93.95	32	0.00	19
312	-16	-98	Max	0.00	92.99	19	0.00	19	0.00	19	98.08	32	-3.92	25	0.00	19
312	-16	-98	Max	99.30								1.38	25			
312	-16	-98	Max	150.00	21.24	19	0.00	19	0.00	19	27.18	32	0.00	25	0.00	19
312	-16	-98	Min.	0.00	88.49	25	0.00	19	0.00	19	10.68	25	-93.95	32	0.00	19
312	-16	-98	Min.	99.30								1.38	25			
312	-16	-98	Min.	150.00	19.56	25	0.00	19	0.00	19	-5.45	25	0.00	19	0.00	19
312	-94	-16	Max	0.00	-19.56	32	0.00	19	0.00	19	5.45	25	0.00	25	0.00	19
312	-94	-16	Max	50.70								1.38	25			
312	-94	-16	Max	150.00	-88.49	32	0.00	19	0.00	19	-10.68	25	-3.92	25	0.00	19
312	-94	-16	Min.	0.00	-21.24	19	0.00	19	0.00	19	-27.18	32	0.00	32	0.00	19
312	-94	-16	Min.	50.70								1.38	25			
312	-94	-16	Min.	150.00	-92.99	19	0.00	19	0.00	19	-98.08	32	-93.95	32	0.00	19
313	-17	-97	Max	0.00	92.99	19	0.00	19	0.00	19	98.08	32	-3.92	25	0.00	19
313	-17	-97	Max	99.30								1.38	25			
313	-17	-97	Max	150.00	21.24	19	0.00	19	0.00	19	27.18	32	0.00	25	0.00	19
313	-17	-97	Min.	0.00	88.49	25	0.00	19	0.00	19	10.68	25	-93.95	32	0.00	19
313	-17	-97	Min.	99.30								1.38	25			
313	-17	-97	Min.	150.00	19.56	25	0.00	19	0.00	19	-5.45	25	0.00	19	0.00	19
313	-42	-17	Max	0.00	-19.56	32	0.00	19	0.00	19	5.45	25	0.00	25	0.00	19
313	-42	-17	Max	50.70								1.38	25			
313	-42	-17	Max	150.00	-88.49	32	0.00	19	0.00	19	-10.68	25	-3.92	25	0.00	19
313	-42	-17	Min.	0.00	-21.24	19	0.00	19	0.00	19	-27.18	32	0.00	19	0.00	19
313	-42	-17	Min.	50.70								1.38	25			
313	-42	-17	Min.	150.00	-92.99	19	0.00	19	0.00	19	-98.08	32	-93.95	32	0.00	19
314	-18	-43	Max	0.00	92.99	19	0.00	19	0.00	19	98.08	32	-3.92	25	0.00	19
314	-18	-43	Max	99.30								1.38	25			
314	-18	-43	Max	150.00	21.24	19	0.00	19	0.00	19	27.18	32	0.00	25	0.00	19
314	-18	-43	Min.	0.00	88.49	25	0.00	19	0.00	19	10.68	25	-93.95	32	0.00	19
314	-18	-43	Min.	99.30								1.38	25			
314	-18	-43	Min.	150.00	19.56	25	0.00	19	0.00	19	-5.45	25	0.00	19	0.00	19
314	-44	-18	Max	0.00	-19.56	32	0.00	19	0.00	19	5.45	25	0.00	25	0.00	19
314	-44	-18	Max	50.70								1.38	25			
314	-44	-18	Max	150.00	-88.49	32	0.00	19	0.00	19	-10.68	25	-3.92	25	0.00	19
314	-44	-18	Min.	0.00	-21.24	19	0.00	19	0.00	19	-27.18	32	0.00	32	0.00	19
314	-44	-18	Min.	50.70								1.38	25			
314	-44	-18	Min.	150.00	-92.99	19	0.00	19	0.00	19	-98.08	32	-93.95	32	0.00	19
315	-19	-45	Max	0.00	92.99	19	0.00	19	0.00	19	98.08	32	-3.92	25	0.00	19
315	-19	-45	Max	99.30								1.38	25			
315	-19	-45	Max	150.00	21.24	19	0.00	19	0.00	19	27.18	32	0.00	25	0.00	19
315	-19	-45	Min.	0.00	88.49	25	0.00	19	0.00	19	10.68	25	-93.95	32	0.00	19
315	-19	-45	Min.	99.30								1.38	25			
315	-19	-45	Min.	150.00	19.56	25	0.00	19	0.00	19	-5.45	25	0.00	19	0.00	19
315	-58	-19	Max	0.00	-19.56	32	0.00	19	0.00	19	5.45	25	0.00	25	0.00	19
315	-58	-19	Max	50.70								1.38	25			
315	-58	-19	Max	150.00	-88.49	32	0.00	19	0.00	19	-10.68	25	-3.92	25	0.00	19
315	-58	-19	Min.	0.00	-21.24	19	0.00	19	0.00	19	-27.18	32	0.00	32	0.00	19
315	-58	-19	Min.	50.70								1.38	25			
315	-58	-19	Min.	150.00	-92.99	19	0.00	19	0.00	19	-98.08	32	-93.95	32	0.00	19
316	-20	-63	Max	0.00	64.55	19	0.00	19	0.00	19	61.68	32	-11.44	25	0.00	19
316	-20	-63	Max	130.25								0.27	25			
316	-20	-63	Max	150.00	10.62	19	0.00	19	0.00	19	13.59	32	0.00	25	0.00	19
316	-20	-63	Min.	0.00	62.30	25	0.00	19	0.00	19	17.98	25	-56.46	32	0.00	19
316	-20	-63	Min.	130.25								0.27	25			
316	-20	-63	Min.	150.00	9.78	25	0.00	19	0.00	19	-2.73	25	0.00	32	0.00	19
316	-65	-20	Max	0.00	-9.78	32	0.00	19	0.00	19	2.73	25	0.00	25	0.00	19
316	-65	-20	Max	19.75								0.27	25			
316	-65	-20	Max	150.00	-62.30	32	0.00	19	0.00	19	-17.98	25	-11.44	25	0.00	19
316	-65	-20	Min.	0.00	-10.62	19	0.00	19	0.00	19	-13.59	32	0.00	19	0.00	19
316	-65	-20	Min.	19.75								0.27	25			
316	-65	-20	Min.	150.00	-64.55	19	0.00	19	0.00	19	-61.68	32	-56.46	32	0.00	19
317	-21	-51	Max	0.00	64.55	19	0.00	19	0.00	19	61.68	32	-11.44	25	0.00	19
317	-21	-51	Max	130.25								0.27	25			
317	-21	-51	Max	150.00	10.62	19	0.00	19	0.00	19	13.59	32	0.00	25	0.00	19
317	-21	-51	Min.	0.00	62.30	25	0.00	19	0.00	19	17.98	25	-56.46	32	0.00	19
317	-21	-51	Min.	130.25								0.27	25			
317	-21	-51	Min.	150.00	9.78	25	0.00	19	0.00	19	-2.73	25	0.00	19	0.00	19
317	-50	-21	Max	0.00	-9.78	32	0.00	19	0.00	19	2.73	25	0.00	25	0.00	19
317	-50	-21	Max	19.75								0.27	25			
317	-50	-21	Max	150.00	-62.30	32	0.00	19	0.00	19	-17.98	25	-11.44	25	0.00	19
317	-50	-21	Min.	0.00	-10.62	19	0.00	19	0.00	19	-13.59	32	0.00	32	0.00	19
317	-50	-21	Min.	19.75								0.27	25			
317	-50	-21	Min.	150.00	-64.55	19	0.00	19	0.00	19	-61.68	32	-56.46	32	0.00	19
318	-22	-53	Max	0.00	92.99	19	0.00	19	0.00	19	98.08	32	-3.92	25	0.00	19
318	-22	-53	Max	99.30								1.38	25			
318	-22	-53	Max	150.00	21.24	19	0.00	19	0.00	19	27.18	32	0.00	25	0.00	19
318	-22	-53	Min.	0.00	88.49	25	0.00	19	0.00	19	10.68	25	-93.95	32	0.00	19
318	-22	-53	Min.	99.30								1.38	25			
318	-22	-53	Min.	150.00	19.56	25	0.00	19	0.00	19	-5.45	25	0.00	19	0.00	19
318	-52	-22	Max	0.00	-19.56	32	0.00	19	0.00	19	5.45	25	0.00	32	0.00	19
318	-52	-22	Max	50.70								1.38	25			
318	-52	-22	Max	150.00	-88.49	32	0.00	19	0.00	19	-10.68	25	-3.92	25	0.00	19
318	-52	-22	Min.	0.00	-21.24	19	0.00	19	0.00	19	-27.18	32	0.00	19	0.00	19
318	-52	-22	Min.	50.70								1.38	25			
318	-52	-22	Min.	150.00	-92.99	19	0.00	19	0.00	19	-98.08	32	-93.95	32	0.00	19
319	-23	-55	Max	0.00	92.99	19	0.00	19	0.00	19	98.08	32	-3.92	25	0.00	19
319	-23	-55	Max	99.30								1.38	25			
319	-23	-55	Max	150.00	21.24	19	0.00	19	0.00	19	27.18	32	0.00	25	0.00	19
319	-23	-55	Min.	0.00	88.49	25	0.00	19	0.00	19	10.68	25	-93.95	32	0.00	19
319	-23	-55	Min.	99.30								1.38	25			
319	-23	-55	Min.	150.00	19.56	25	0.00	19	0.00	19	-5.45	25	0.00	19	0.00	19
319	-54	-23	Max	0.00	-19.56	32	0.00	19	0.00	19	5.45	25	0.00	32	0.00	19
319	-54	-23	Max	50.70								1.38	25			
319	-54	-23	Max	150.00	-88.49	32	0.00	19	0.00	19	-10.68	25	-3.92	25	0.00	19

319	-54	-23	Min.	0.00	-21.24	19	0.00	19	0.00	19	-27.18	32	0.00	19	0.00	19
319	-54	-23	Min.	50.70									1.38	25		
319	-54	-23	Min.	150.00	-92.99	19	0.00	19	0.00	19	-98.08	32	-93.95	32	0.00	19
320	-24	-57	Max	0.00	92.99	19	0.00	19	0.00	19	98.08	32	-3.92	25	0.00	19
320	-24	-57	Max	99.30									1.38	25		
320	-24	-57	Max	150.00	21.24	19	0.00	19	0.00	19	27.18	32	0.00	25	0.00	19
320	-24	-57	Min.	0.00	88.49	25	0.00	19	0.00	19	10.68	25	-93.95	32	0.00	19
320	-24	-57	Min.	99.30									1.38	25		
320	-24	-57	Min.	150.00	19.56	25	0.00	19	0.00	19	-5.45	25	0.00	19	0.00	19
320	-56	-24	Max	0.00	-19.56	32	0.00	19	0.00	19	5.45	25	0.00	19	0.00	19
320	-56	-24	Max	50.70									1.38	25		
320	-56	-24	Max	150.00	-88.49	32	0.00	19	0.00	19	-10.68	25	-3.92	25	0.00	19
320	-56	-24	Min.	0.00	-21.24	19	0.00	19	0.00	19	-27.18	32	0.00	25	0.00	19
320	-56	-24	Min.	50.70									1.38	25		
320	-56	-24	Min.	150.00	-92.99	19	0.00	19	0.00	19	-98.08	32	-93.95	32	0.00	19
322	-25	-41	Max	0.00	92.99	19	0.00	19	0.00	19	98.08	32	-3.92	25	0.00	19
322	-25	-41	Max	99.30									1.38	25		
322	-25	-41	Max	150.00	21.24	19	0.00	19	0.00	19	27.18	32	0.00	25	0.00	19
322	-25	-41	Min.	0.00	88.49	25	0.00	19	0.00	19	10.68	25	-93.95	32	0.00	19
322	-25	-41	Min.	99.30									1.38	25		
322	-25	-41	Min.	150.00	19.56	25	0.00	19	0.00	19	-5.45	25	0.00	19	0.00	19
322	-64	-25	Max	0.00	-19.56	32	0.00	19	0.00	19	5.45	25	0.00	32	0.00	19
322	-64	-25	Max	50.70									1.38	25		
322	-64	-25	Max	150.00	-88.49	32	0.00	19	0.00	19	-10.68	25	-3.92	25	0.00	19
322	-64	-25	Min.	0.00	-21.24	19	0.00	19	0.00	19	-27.18	32	0.00	25	0.00	19
322	-64	-25	Min.	50.70									1.38	25		
322	-64	-25	Min.	150.00	-92.99	19	0.00	19	0.00	19	-98.08	32	-93.95	32	0.00	19
323	-26	-77	Max	0.00	92.99	19	0.00	19	0.00	19	98.08	32	-3.92	25	0.00	19
323	-26	-77	Max	99.30									1.38	25		
323	-26	-77	Max	150.00	21.24	19	0.00	19	0.00	19	27.18	32	0.00	25	0.00	19
323	-26	-77	Min.	0.00	88.49	25	0.00	19	0.00	19	10.68	25	-93.95	32	0.00	19
323	-26	-77	Min.	99.30									1.38	25		
323	-26	-77	Min.	150.00	19.56	25	0.00	19	0.00	19	-5.45	25	0.00	19	0.00	19
323	-76	-26	Max	0.00	-19.56	32	0.00	19	0.00	19	5.45	25	0.00	25	0.00	19
323	-76	-26	Max	50.70									1.38	25		
323	-76	-26	Max	150.00	-88.49	32	0.00	19	0.00	19	-10.68	25	-3.92	25	0.00	19
323	-76	-26	Min.	0.00	-21.24	19	0.00	19	0.00	25	-27.18	32	0.00	19	0.00	19
323	-76	-26	Min.	50.70									1.38	25		
323	-76	-26	Min.	150.00	-92.99	19	0.00	19	0.00	25	-98.08	32	-93.95	32	0.00	19
324	-27	-79	Max	0.00	92.99	19	0.00	19	0.00	19	98.08	32	-3.92	25	0.00	19
324	-27	-79	Max	99.30									1.38	25		
324	-27	-79	Max	150.00	21.24	19	0.00	19	0.00	19	27.18	32	0.00	25	0.00	19
324	-27	-79	Min.	0.00	88.49	25	0.00	19	0.00	19	10.68	25	-93.95	32	0.00	19
324	-27	-79	Min.	99.30									1.38	25		
324	-27	-79	Min.	150.00	19.56	25	0.00	19	0.00	19	-5.45	25	0.00	32	0.00	19
324	-78	-27	Max	0.00	-19.56	32	0.00	19	0.00	19	5.45	25	0.00	19	0.00	19
324	-78	-27	Max	50.70									1.38	25		
324	-78	-27	Max	150.00	-88.49	32	0.00	19	0.00	19	-10.68	25	-3.92	25	0.00	19
324	-78	-27	Min.	0.00	-21.24	19	0.00	19	0.00	19	-27.18	32	0.00	25	0.00	19
324	-78	-27	Min.	50.70									1.38	25		
324	-78	-27	Min.	150.00	-92.99	19	0.00	19	0.00	19	-98.08	32	-93.95	32	0.00	19
325	-28	-81	Max	0.00	92.99	19	0.00	19	0.00	19	98.08	32	-3.92	25	0.00	19
325	-28	-81	Max	99.30									1.38	25		
325	-28	-81	Max	150.00	21.24	19	0.00	19	0.00	19	27.18	32	0.00	25	0.00	19
325	-28	-81	Min.	0.00	88.49	25	0.00	19	0.00	19	10.68	25	-93.95	32	0.00	19
325	-28	-81	Min.	99.30									1.38	25		
325	-28	-81	Min.	150.00	19.56	25	0.00	19	0.00	19	-5.45	25	0.00	19	0.00	19
325	-80	-28	Max	0.00	-19.56	32	0.00	19	0.00	19	5.45	25	0.00	32	0.00	19
325	-80	-28	Max	50.70									1.38	25		
325	-80	-28	Max	150.00	-88.49	32	0.00	19	0.00	19	-10.68	25	-3.92	25	0.00	19
325	-80	-28	Min.	0.00	-21.24	19	0.00	19	0.00	19	-27.18	32	0.00	19	0.00	19
325	-80	-28	Min.	50.70									1.38	25		
325	-80	-28	Min.	150.00	-92.99	19	0.00	19	0.00	19	-98.08	32	-93.95	32	0.00	19
326	-29	-83	Max	0.00	92.99	19	0.00	19	0.00	19	98.08	32	-3.92	25	0.00	19
326	-29	-83	Max	99.30									1.38	25		
326	-29	-83	Max	150.00	21.24	19	0.00	19	0.00	19	27.18	32	0.00	25	0.00	19
326	-29	-83	Min.	0.00	88.49	25	0.00	19	0.00	19	10.68	25	-93.95	32	0.00	19
326	-29	-83	Min.	99.30									1.38	25		
326	-29	-83	Min.	150.00	19.56	25	0.00	19	0.00	19	-5.45	25	0.00	19	0.00	19
326	-82	-29	Max	0.00	-19.56	32	0.00	19	0.00	19	5.45	25	0.00	32	0.00	19
326	-82	-29	Max	50.70									1.38	25		
326	-82	-29	Max	150.00	-88.49	32	0.00	19	0.00	19	-10.68	25	-3.92	25	0.00	19
326	-82	-29	Min.	0.00	-21.24	19	0.00	19	0.00	19	-27.18	32	0.00	25	0.00	19
326	-82	-29	Min.	50.70									1.38	25		
326	-82	-29	Min.	150.00	-92.99	19	0.00	19	0.00	19	-98.08	32	-93.95	32	0.00	19
327	-30	-85	Max	0.00	92.99	19	0.00	19	0.00	19	98.08	32	-3.92	25	0.00	19
327	-30	-85	Max	99.30									1.38	25		
327	-30	-85	Max	150.00	21.24	19	0.00	19	0.00	19	27.18	32	0.00	25	0.00	19
327	-30	-85	Min.	0.00	88.49	25	0.00	19	0.00	19	10.68	25	-93.95	32	0.00	19
327	-30	-85	Min.	99.30									1.38	25		
327	-30	-85	Min.	150.00	19.56	25	0.00	19	0.00	19	-5.45	25	0.00	19	0.00	19
327	-84	-30	Max	0.00	-19.56	32	0.00	19	0.00	19	5.45	25	0.00	25	0.00	19
327	-84	-30	Max	50.70									1.38	25		
327	-84	-30	Max	150.00	-88.49	32	0.00	19	0.00	19	-10.68	25	-3.92	25	0.00	19
327	-84	-30	Min.	0.00	-21.24	19	0.00	19	0.00	19	-27.18	32	0.00	32	0.00	19
327	-84	-30	Min.	50.70									1.38	25		
327	-84	-30	Min.	150.00	-92.99	19	0.00	19	0.00	19	-98.08	32	-93.95	32	0.00	19
329	-32	-86	Max	0.00	92.99	19	0.00	19	0.00	19	98.08	32	-3.92	25	0.00	19
329	-32	-86	Max	99.30									1.38	25		
329	-32	-86	Max	150.00	21.24	19	0.00	19	0.00	19	27.18	32	0.00	25	0.00	19
329	-32	-86	Min.	0.00	88.49	25	0.00	19	0.00	19	10.68	25	-93.95	32	0.00	19
329	-32	-86	Min.	99.30									1.38	25		
329	-32	-86	Min.	150.00	19.56	25	0.00	19	0.00	19	-5.45	25	0.00	32	0.00	19
329	-87	-32	Max	0.00	-19.56	32	0.00	19	0.00	19	5.45	25	0.00	32	0.00	19
329	-87	-32	Max	50.70									1.38	25		
329	-87	-32	Max	150.00	-88.49	32	0.00	19	0.00	19	-10.68	25	-3.92	25	0.00	19
329	-87	-32	Min.	0.00	-21.24	19	0.00	19	0.00	19	-27.18	32	0.00	25	0.00	19
329	-87	-32	Min.	50.70									1.38	25		
329	-87	-32	Min.	150.00	-92.99	19	0.00	19	0.00	19	-98.08	32	-93.95	32	0.00	19
330	-33	-89	Max	0.00	92.99	19	0.00	19	0.00	19	98.08	32	-3.92	25	0.00	19
330	-33	-89	Max	99.30									1.38	25		

330	-33	-89	Max	150.00	21.24	19	0.00	19	0.00	19	27.18	32	0.00	25	0.00	19
330	-33	-89	Min.	0.00	88.49	25	0.00	19	0.00	19	10.68	25	-93.95	32	0.00	19
330	-33	-89	Min.	99.30									1.38	25		
330	-33	-89	Min.	150.00	19.56	25	0.00	19	0.00	19	-5.45	25	0.00	32	0.00	19
330	-88	-33	Max	0.00	-19.56	32	0.00	19	0.00	19	5.45	25	0.00	25	0.00	19
330	-88	-33	Max	50.70									1.38	25		
330	-88	-33	Max	150.00	-88.49	32	0.00	19	0.00	19	-10.68	25	-3.92	25	0.00	19
330	-88	-33	Min.	0.00	-21.24	19	0.00	19	0.00	19	-27.18	32	0.00	19	0.00	19
330	-88	-33	Min.	50.70									1.38	25		
330	-88	-33	Min.	150.00	-92.99	19	0.00	19	0.00	19	-98.08	32	-93.95	32	0.00	19
331	-34	-61	Max	0.00	92.99	19	0.00	19	0.00	19	98.08	32	-3.92	25	0.00	19
331	-34	-61	Max	99.30									1.38	25		
331	-34	-61	Max	150.00	21.24	19	0.00	19	0.00	19	27.18	32	0.00	25	0.00	19
331	-34	-61	Min.	0.00	88.49	25	0.00	19	0.00	19	10.68	25	-93.95	32	0.00	19
331	-34	-61	Min.	99.30									1.38	25		
331	-34	-61	Min.	150.00	19.56	25	0.00	19	0.00	19	-5.45	25	0.00	32	0.00	19
331	-62	-34	Max	0.00	-19.56	32	0.00	19	0.00	19	5.45	25	0.00	19	0.00	19
331	-62	-34	Max	50.70									1.38	25		
331	-62	-34	Max	150.00	-88.49	32	0.00	19	0.00	19	-10.68	25	-3.92	25	0.00	19
331	-62	-34	Min.	0.00	-21.24	19	0.00	19	0.00	19	-27.18	32	0.00	25	0.00	19
331	-62	-34	Min.	50.70									1.38	25		
331	-62	-34	Min.	150.00	-92.99	19	0.00	19	0.00	19	-98.08	32	-93.95	32	0.00	19
332	-35	-102	Max	0.00	92.99	19	0.00	19	0.00	19	98.08	32	-3.92	25	0.00	19
332	-35	-102	Max	99.30									1.38	25		
332	-35	-102	Max	150.00	21.24	19	0.00	19	0.00	19	27.18	32	0.00	25	0.00	19
332	-35	-102	Min.	0.00	88.49	25	0.00	19	0.00	19	10.68	25	-93.95	32	0.00	19
332	-35	-102	Min.	99.30									1.38	25		
332	-35	-102	Min.	150.00	19.56	25	0.00	19	0.00	19	-5.45	25	0.00	32	0.00	19
332	-101	-35	Max	0.00	-19.56	32	0.00	19	0.00	19	5.45	25	0.00	25	0.00	19
332	-101	-35	Max	50.70									1.38	25		
332	-101	-35	Max	150.00	-88.49	32	0.00	19	0.00	19	-10.68	25	-3.92	25	0.00	19
332	-101	-35	Min.	0.00	-21.24	19	0.00	19	0.00	19	-27.18	32	0.00	19	0.00	19
332	-101	-35	Min.	50.70									1.38	25		
332	-101	-35	Min.	150.00	-92.99	19	0.00	19	0.00	19	-98.08	32	-93.95	32	0.00	19
333	-37	-103	Max	0.00	92.99	19	0.00	19	0.00	19	98.08	32	-3.92	25	0.00	19
333	-37	-103	Max	99.30									1.38	25		
333	-37	-103	Max	150.00	21.24	19	0.00	19	0.00	19	27.18	32	0.00	25	0.00	19
333	-37	-103	Min.	0.00	88.49	25	0.00	19	0.00	19	10.68	25	-93.95	32	0.00	19
333	-37	-103	Min.	99.30									1.38	25		
333	-37	-103	Min.	150.00	19.56	25	0.00	19	0.00	19	-5.45	25	0.00	32	0.00	19
333	-104	-37	Max	0.00	-19.56	32	0.00	19	0.00	19	5.45	25	0.00	32	0.00	19
333	-104	-37	Max	50.70									1.38	25		
333	-104	-37	Max	150.00	-88.49	32	0.00	19	0.00	19	-10.68	25	-3.92	25	0.00	19
333	-104	-37	Min.	0.00	-21.24	19	0.00	19	0.00	19	-27.18	32	0.00	25	0.00	19
333	-104	-37	Min.	50.70									1.38	25		
333	-104	-37	Min.	150.00	-92.99	19	0.00	19	0.00	19	-98.08	32	-93.95	32	0.00	19
334	-38	-99	Max	0.00	64.55	19	0.00	19	0.00	19	61.68	32	-11.44	25	0.00	19
334	-38	-99	Max	130.25									0.27	25		
334	-38	-99	Max	150.00	10.62	19	0.00	19	0.00	19	13.59	32	0.00	25	0.00	19
334	-38	-99	Min.	0.00	62.30	25	0.00	19	0.00	19	17.98	25	-56.46	32	0.00	19
334	-38	-99	Min.	130.25									0.27	25		
334	-38	-99	Min.	150.00	9.78	25	0.00	19	0.00	19	-2.73	25	0.00	32	0.00	19
334	-100	-38	Max	0.00	-9.78	32	0.00	19	0.00	19	2.73	25	0.00	32	0.00	19
334	-100	-38	Max	19.75									0.27	25		
334	-100	-38	Max	150.00	-62.30	32	0.00	19	0.00	19	-17.98	25	-11.44	25	0.00	19
334	-100	-38	Min.	0.00	-10.62	19	0.00	19	0.00	19	-13.59	32	0.00	25	0.00	19
334	-100	-38	Min.	19.75									0.27	25		
334	-100	-38	Min.	150.00	-64.55	19	0.00	19	0.00	19	-61.68	32	-56.46	32	0.00	19

Tipo di combinazione di carico: SLE Q

Asta	N1	N2		X <cm>	N <daN>	CC	Ty <daN>	CC	Mz <daNm>	CC	Tz <daN>	CC	My <daNm>	CC	Mx <daNm>	CC
1	1	-5	Max	0.00	-1183.69	20	-59.73	20	65.10	20	0.00	20	0.00	20	0.00	20
1	1	-5	Max	330.00	-994.46	20	-59.73	20	-132.00	20	0.00	20	0.00	20	0.00	20
1	1	-5	Min.	0.00	-1183.69	20	-59.73	20	65.10	20	0.00	20	0.00	20	0.00	20
1	1	-5	Min.	330.00	-994.46	20	-59.73	20	-132.00	20	0.00	20	0.00	20	0.00	20
2	2	-10	Max	0.00	-1471.05	20	97.22	20	-106.09	20	0.00	20	0.00	20	0.00	20
2	2	-10	Max	330.00	-1281.81	20	97.22	20	214.72	20	0.00	20	0.00	20	0.00	20
2	2	-10	Min.	0.00	-1471.05	20	97.22	20	-106.09	20	0.00	20	0.00	20	0.00	20
2	2	-10	Min.	330.00	-1281.81	20	97.22	20	214.72	20	0.00	20	0.00	20	0.00	20
3	3	203	Max	0.00	-1600.32	20	-60.50	20	65.98	20	0.00	20	0.00	20	0.00	20
3	3	203	Max	330.00	-1411.08	20	-60.50	20	-133.68	20	0.00	20	0.00	20	0.00	20
3	3	203	Min.	0.00	-1600.32	20	-60.50	20	65.98	20	0.00	20	0.00	20	0.00	20
3	3	203	Min.	330.00	-1411.08	20	-60.50	20	-133.68	20	0.00	20	0.00	20	0.00	20
4	4	204	Max	0.00	-1423.57	20	0.00	20	0.00	20	0.00	20	-0.00	20	0.00	20
4	4	204	Max	330.00	-1234.34	20	0.00	20	0.00	20	0.00	20	-0.00	20	0.00	20
4	4	204	Min.	0.00	-1423.57	20	0.00	20	0.00	20	0.00	20	-0.00	20	0.00	20
4	4	204	Min.	330.00	-1234.34	20	0.00	20	0.00	20	0.00	20	-0.00	20	0.00	20
5	5	205	Max	0.00	-1600.32	20	-60.50	20	65.98	20	0.00	20	-0.00	20	0.00	20
5	5	205	Max	330.00	-1411.08	20	-60.50	20	-133.68	20	0.00	20	-0.00	20	0.00	20
5	5	205	Min.	0.00	-1600.32	20	-60.50	20	65.98	20	0.00	20	-0.00	20	0.00	20
5	5	205	Min.	330.00	-1411.08	20	-60.50	20	-133.68	20	0.00	20	-0.00	20	0.00	20
6	6	-31	Max	0.00	-1471.05	20	97.22	20	-106.09	20	0.00	20	-0.00	20	0.00	20
6	6	-31	Max	330.00	-1281.81	20	97.22	20	214.73	20	0.00	20	-0.00	20	0.00	20
6	6	-31	Min.	0.00	-1471.05	20	97.22	20	-106.09	20	0.00	20	-0.00	20	0.00	20
6	6	-31	Min.	330.00	-1281.81	20	97.22	20	214.73	20	0.00	20	-0.00	20	0.00	20
7	7	-36	Max	0.00	-1183.69	20	-59.73	20	65.11	20	0.00	20	-0.00	20	0.00	20
7	7	-36	Max	330.00	-994.46	20	-59.73	20	-132.01	20	0.00	20	-0.00	20	0.00	20
7	7	-36	Min.	0.00	-1183.69	20	-59.73	20	65.11	20	0.00	20	-0.00	20	0.00	20
7	7	-36	Min.	330.00	-994.46	20	-59.73	20	-132.01	20	0.00	20	-0.00	20	0.00	20
201	-4	-3	Max	0.00	0.00	20	0.00	20	0.00	20	216.51	20	-246.11	20	0.00	20
201	-4	-3	Max	133.53	0.00	20	0.00	20	0.00	20	152.11	20	0.00	20	0.00	20
201	-4	-3	Min.	0.00	0.00	20	0.00	20	0.00	20	216.51	20	-246.11	20	0.00	20
201	-4	-3	Min.	133.53	0.00	20	0.00	20	0.00	20	152.11	20	0.00	20	0.00	20
201	-5	-4	Max	0.00	0.00	20	0.00	20	0.00	20	470.88	20	-605.08	20	0.00	20
201	-5	-4	Max	79.47	0.00	20	0.00	20	0.00	20	432.55	20	-246.11	20	0.00	20
201	-5	-4	Min.	0.00	0.00	20	0.00	20	0.00	20	470.88	20	-605.08	20	0.00	20
201	-5	-4	Min.	79.47	0.00	20	0.00	20	0.00	20	432.55	20	-246.11	20	0.00	20
201	-6	-5	Max	0.00	59.73	20	0.00	20	0.00	20	-497.50	20	-197.04	20	0.00	20
201	-6	-5	Max	54.07	59.73	20	0.00	20	0.00	20	-523.58	20	-473.07	20	0.00	20

201	-6	-5	Min.	0.00	59.73	20	0.00	20	0.00	20	-497.50	20	-197.04	20	0.00	20
201	-6	-5	Min.	54.07	59.73	20	0.00	20	0.00	20	-523.58	20	-473.07	20	0.00	20
201	-7	-6	Max	0.00	59.73	20	0.00	20	0.00	20	-217.05	20	135.80	20	0.00	20
201	-7	-6	Max	133.53	59.73	20	0.00	20	0.00	20	-281.46	20	-197.04	20	0.00	20
201	-7	-6	Min.	0.00	59.73	20	0.00	20	0.00	20	-217.05	20	135.80	20	0.00	20
201	-7	-6	Min.	133.53	59.73	20	0.00	20	0.00	20	-281.46	20	-197.04	20	0.00	20
201	-8	-7	Max	0.00	59.73	20	0.00	20	0.00	20	63.39	20	94.15	20	0.00	20
201	-8	-7	Max	131.44									135.81	20		
201	-8	-7	Max	133.53	59.73	20	0.00	20	0.00	20	-1.01	20	135.80	20	0.00	20
201	-8	-7	Min.	0.00	59.73	20	0.00	20	0.00	20	63.39	20	94.15	20	0.00	20
201	-8	-7	Min.	131.44									135.81	20		
201	-8	-7	Min.	133.53	59.73	20	0.00	20	0.00	20	-1.01	20	135.80	20	0.00	20
201	-9	-8	Max	0.00	59.73	20	0.00	20	0.00	20	343.84	20	-322.00	20	0.00	20
201	-9	-8	Max	133.53	59.73	20	0.00	20	0.00	20	279.44	20	94.15	20	0.00	20
201	-9	-8	Min.	0.00	59.73	20	0.00	20	0.00	20	343.84	20	-322.00	20	0.00	20
201	-9	-8	Min.	133.53	59.73	20	0.00	20	0.00	20	279.44	20	94.15	20	0.00	20
201	-10	-9	Max	0.00	59.73	20	0.00	20	0.00	20	581.75	20	-580.77	20	0.00	20
201	-10	-9	Max	45.33	59.73	20	0.00	20	0.00	20	559.88	20	-322.00	20	0.00	20
201	-10	-9	Min.	0.00	59.73	20	0.00	20	0.00	20	581.75	20	-580.77	20	0.00	20
201	-10	-9	Min.	45.33	59.73	20	0.00	20	0.00	20	559.88	20	-322.00	20	0.00	20
202	-11	-10	Max	0.00	-37.49	20	0.00	20	0.00	20	-657.52	20	-196.80	20	-0.00	20
202	-11	-10	Max	88.20	-37.49	20	0.00	20	0.00	20	-700.06	20	-795.49	20	-0.00	20
202	-11	-10	Min.	0.00	-37.49	20	0.00	20	0.00	20	-657.52	20	-196.80	20	-0.00	20
202	-11	-10	Min.	88.20	-37.49	20	0.00	20	0.00	20	-700.06	20	-795.49	20	-0.00	20
202	-12	-11	Max	0.00	-37.49	20	0.00	20	0.00	20	-377.08	20	349.72	20	0.00	20
202	-12	-11	Max	133.53	-37.49	20	0.00	20	0.00	20	-441.48	20	-196.80	20	0.00	20
202	-12	-11	Min.	0.00	-37.49	20	0.00	20	0.00	20	-377.08	20	349.72	20	0.00	20
202	-12	-11	Min.	133.53	-37.49	20	0.00	20	0.00	20	-441.48	20	-196.80	20	0.00	20
202	-13	-12	Max	0.00	-37.49	20	0.00	20	0.00	20	-96.63	20	521.75	20	0.00	20
202	-13	-12	Max	133.53	-37.49	20	0.00	20	0.00	20	-161.03	20	349.72	20	0.00	20
202	-13	-12	Min.	0.00	-37.49	20	0.00	20	0.00	20	-96.63	20	521.75	20	0.00	20
202	-13	-12	Min.	133.53	-37.49	20	0.00	20	0.00	20	-161.03	20	349.72	20	0.00	20
202	-14	-13	Max	0.00	-37.49	20	0.00	20	0.00	20	183.82	20	319.30	20	0.00	20
202	-14	-13	Max	133.53	-37.49	20	0.00	20	0.00	20	119.41	20	521.75	20	0.00	20
202	-14	-13	Min.	0.00	-37.49	20	0.00	20	0.00	20	183.82	20	319.30	20	0.00	20
202	-14	-13	Min.	133.53	-37.49	20	0.00	20	0.00	20	119.41	20	521.75	20	0.00	20
202	-15	-14	Max	0.00	-37.49	20	0.00	20	0.00	20	464.26	20	-257.65	20	0.00	20
202	-15	-14	Max	133.53	-37.49	20	0.00	20	0.00	20	399.86	20	319.30	20	0.00	20
202	-15	-14	Min.	0.00	-37.49	20	0.00	20	0.00	20	464.26	20	-257.65	20	0.00	20
202	-15	-14	Min.	133.53	-37.49	20	0.00	20	0.00	20	399.86	20	319.30	20	0.00	20
202	203	-15	Max	0.00	-37.49	20	0.00	20	0.00	20	722.59	20	-872.59	20	0.00	20
202	203	-15	Max	87.67	-37.49	20	0.00	20	0.00	20	680.31	20	-257.65	20	0.00	20
202	203	-15	Min.	0.00	-37.49	20	0.00	20	0.00	20	722.59	20	-872.59	20	0.00	20
202	203	-15	Min.	87.67	-37.49	20	0.00	20	0.00	20	680.31	20	-257.65	20	0.00	20
203	-16	203	Max	0.00	23.02	20	0.00	20	0.00	20	-666.37	20	-428.17	20	0.00	20
203	-16	203	Max	45.87	23.02	20	0.00	20	0.00	20	-688.49	20	-738.88	20	0.00	20
203	-16	203	Min.	0.00	23.02	20	0.00	20	0.00	20	-666.37	20	-428.17	20	0.00	20
203	-16	203	Min.	45.87	23.02	20	0.00	20	0.00	20	-688.49	20	-738.88	20	0.00	20
203	-17	-16	Max	0.00	23.02	20	0.00	20	0.00	20	-385.92	20	130.16	20	0.00	20
203	-17	-16	Max	133.53	23.02	20	0.00	20	0.00	20	-450.33	20	-428.18	20	0.00	20
203	-17	-16	Min.	0.00	23.02	20	0.00	20	0.00	20	-385.92	20	130.16	20	0.00	20
203	-17	-16	Min.	133.53	23.02	20	0.00	20	0.00	20	-450.33	20	-428.18	20	0.00	20
203	-18	-17	Max	0.00	23.02	20	0.00	20	0.00	20	-105.48	20	314.00	20	0.00	20
203	-18	-17	Max	133.53	23.02	20	0.00	20	0.00	20	-169.88	20	130.15	20	0.00	20
203	-18	-17	Min.	0.00	23.02	20	0.00	20	0.00	20	-105.48	20	314.00	20	0.00	20
203	-18	-17	Min.	133.53	23.02	20	0.00	20	0.00	20	-169.88	20	130.15	20	0.00	20
203	-19	-18	Max	0.00	23.02	20	0.00	20	0.00	20	174.97	20	123.35	20	0.00	20
203	-19	-18	Max	133.53	23.02	20	0.00	20	0.00	20	110.57	20	313.99	20	0.00	20
203	-19	-18	Min.	0.00	23.02	20	0.00	20	0.00	20	174.97	20	123.35	20	0.00	20
203	-19	-18	Min.	133.53	23.02	20	0.00	20	0.00	20	110.57	20	313.99	20	0.00	20
203	-20	-19	Max	0.00	23.02	20	0.00	20	0.00	20	455.42	20	-441.77	20	0.00	20
203	-20	-19	Max	133.53	23.02	20	0.00	20	0.00	20	391.01	20	123.36	20	0.00	20
203	-20	-19	Min.	0.00	23.02	20	0.00	20	0.00	20	455.42	20	-441.77	20	0.00	20
203	-20	-19	Min.	133.53	23.02	20	0.00	20	0.00	20	391.01	20	123.36	20	0.00	20
203	204	-20	Max	0.00	23.02	20	0.00	20	0.00	20	617.17	20	-564.24	20	0.00	20
203	204	-20	Max	20.00	23.02	20	0.00	20	0.00	20	607.52	20	-441.77	20	0.00	20
203	204	-20	Min.	0.00	23.02	20	0.00	20	0.00	20	617.17	20	-564.24	20	0.00	20
203	204	-20	Min.	20.00	23.02	20	0.00	20	0.00	20	607.52	20	-441.77	20	0.00	20
204	204	-21	Max	0.00	23.02	20	0.00	20	0.00	20	617.17	20	-564.24	20	0.00	20
204	204	-21	Max	20.00	23.02	20	0.00	20	0.00	20	607.52	20	-441.77	20	0.00	20
204	204	-21	Min.	0.00	23.02	20	0.00	20	0.00	20	617.17	20	-564.24	20	0.00	20
204	204	-21	Min.	20.00	23.02	20	0.00	20	0.00	20	607.52	20	-441.77	20	0.00	20
204	-21	-22	Max	0.00	23.02	20	0.00	20	0.00	20	455.42	20	-441.77	20	0.00	20
204	-21	-22	Max	133.53	23.02	20	0.00	20	0.00	20	391.01	20	123.36	20	0.00	20
204	-21	-22	Min.	0.00	23.02	20	0.00	20	0.00	20	455.42	20	-441.77	20	0.00	20
204	-21	-22	Min.	133.53	23.02	20	0.00	20	0.00	20	391.01	20	123.36	20	0.00	20
204	-22	-23	Max	0.00	23.02	20	0.00	20	0.00	20	174.97	20	123.35	20	0.00	20
204	-22	-23	Max	133.53	23.02	20	0.00	20	0.00	20	110.57	20	313.99	20	0.00	20
204	-22	-23	Min.	0.00	23.02	20	0.00	20	0.00	20	174.97	20	123.35	20	0.00	20
204	-22	-23	Min.	133.53	23.02	20	0.00	20	0.00	20	110.57	20	313.99	20	0.00	20
204	-23	-24	Max	0.00	23.02	20	0.00	20	0.00	20	-105.48	20	314.00	20	0.00	20
204	-23	-24	Max	133.53	23.02	20	0.00	20	0.00	20	-169.88	20	130.15	20	0.00	20
204	-23	-24	Min.	0.00	23.02	20	0.00	20	0.00	20	-105.48	20	314.00	20	0.00	20
204	-23	-24	Min.	133.53	23.02	20	0.00	20	0.00	20	-169.88	20	130.15	20	0.00	20
204	-24	-25	Max	0.00	23.02	20	0.00	20	0.00	20	-385.93	20	130.15	20	0.00	20
204	-24	-25	Max	133.53	23.02	20	0.00	20	0.00	20	-450.33	20	-428.18	20	0.00	20
204	-24	-25	Min.	0.00	23.02	20	0.00	20	0.00	20	-385.93	20	130.15	20	0.00	20
204	-24	-25	Min.	133.53	23.02	20	0.00	20	0.00	20	-450.33	20	-428.18	20	0.00	20
204	-25	205	Max	0.00	23.02	20	0.00	20	0.00	20	-666.37	20	-428.17	20	0.00	20
204	-25	205	Max	45.87	23.02	20	0.00	20	0.00	20	-688.49	20	-738.88	20	0.00	20
204	-25	205	Min.	0.00	23.02	20	0.00	20	0.00	20	-666.37	20	-428.17	20	0.00	20
204	-25	205	Min.	45.87	23.02	20	0.00	20	0.00	20	-688.49	20	-738.88	20	0.00	20
205	205	-26	Max	0.00	-37.49	20	0.00	20	0.00	20	722.59	20	-872.59	20	0.00	20
205	205	-26	Max	87.67	-37.49	20	0.00	20	0.00	20	680.31	20	-257.65	20	0.00	20
205	205	-26	Min.	0.00	-37.49	20	0.00	20	0.00	20	722.59	20	-872.59	20	0.00	20
205	205	-26	Min.	87.67	-37.49	20	0.00	20	0.00	20	680.31	20	-257.65	20	0.00	20
205	-26	-27	Max	0.00	-37.49	20	0.00	20	0.00	20	464.26	20	-257.63	20	0.00	20
205	-26	-27	Max	133.53	-37.49	20	0.00	20	0.00	20	399.86	20	319.31	20	0.00	20
205	-26	-27	Min.	0.00	-37.49	20	0.00	20	0.00	20	464.26	20	-257.63	20	0.00	20
205	-26	-27	Min.	133.53	-37.49	20	0.00	20	0.00	20	399.86	20	319.31	20	0.00	20
205	-27	-28	Max	0.00	-37.49	20	0.00	20	0.00	20	183.82	20	319.30	20	0.00	20

205	-27	-28	Max	133.53	-37.49	20	0.00	20	0.00	20	119.41	20	521.76	20	0.00	20
205	-27	-28	Min.	0.00	-37.49	20	0.00	20	0.00	20	183.82	20	319.30	20	0.00	20
205	-27	-28	Min.	133.53	-37.49	20	0.00	20	0.00	20	119.41	20	521.76	20	0.00	20
205	-28	-29	Max	0.00	-37.49	20	0.00	20	0.00	20	-96.63	20	521.75	20	0.00	20
205	-28	-29	Max	133.53	-37.49	20	0.00	20	0.00	20	-161.03	20	349.72	20	0.00	20
205	-28	-29	Min.	0.00	-37.49	20	0.00	20	0.00	20	-96.63	20	521.75	20	0.00	20
205	-28	-29	Min.	133.53	-37.49	20	0.00	20	0.00	20	-161.03	20	349.72	20	0.00	20
205	-29	-30	Max	0.00	-37.49	20	0.00	20	0.00	20	-377.08	20	349.71	20	0.00	20
205	-29	-30	Max	133.53	-37.49	20	0.00	20	0.00	20	-441.48	20	-196.81	20	0.00	20
205	-29	-30	Min.	0.00	-37.49	20	0.00	20	0.00	20	-377.08	20	349.71	20	0.00	20
205	-29	-30	Min.	133.53	-37.49	20	0.00	20	0.00	20	-441.48	20	-196.81	20	0.00	20
205	-30	-31	Max	0.00	-37.49	20	0.00	20	0.00	20	-657.52	20	-196.80	20	0.00	20
205	-30	-31	Max	88.20	-37.49	20	0.00	20	0.00	20	-700.06	20	-795.49	20	0.00	20
205	-30	-31	Min.	0.00	-37.49	20	0.00	20	0.00	20	-657.52	20	-196.80	20	0.00	20
205	-30	-31	Min.	88.20	-37.49	20	0.00	20	0.00	20	-700.06	20	-795.49	20	0.00	20
206	-31	-32	Max	0.00	59.73	20	0.00	20	0.00	20	581.75	20	-580.76	20	0.00	20
206	-31	-32	Max	45.33	59.73	20	0.00	20	0.00	20	559.88	20	-322.00	20	0.00	20
206	-31	-32	Min.	0.00	59.73	20	0.00	20	0.00	20	581.75	20	-580.76	20	0.00	20
206	-31	-32	Min.	45.33	59.73	20	0.00	20	0.00	20	559.88	20	-322.00	20	0.00	20
206	-32	-33	Max	0.00	59.73	20	0.00	20	0.00	20	343.84	20	-322.01	20	0.00	20
206	-32	-33	Max	133.53	59.73	20	0.00	20	0.00	20	279.44	20	94.13	20	0.00	20
206	-32	-33	Min.	0.00	59.73	20	0.00	20	0.00	20	343.84	20	-322.01	20	0.00	20
206	-32	-33	Min.	133.53	59.73	20	0.00	20	0.00	20	279.44	20	94.13	20	0.00	20
206	-33	-34	Max	0.00	59.73	20	0.00	20	0.00	20	63.39	20	94.15	20	0.00	20
206	-33	-34	Max	131.44									135.81	20		
206	-33	-34	Max	133.53	59.73	20	0.00	20	0.00	20	-1.01	20	135.80	20	0.00	20
206	-33	-34	Min.	0.00	59.73	20	0.00	20	0.00	20	63.39	20	94.15	20	0.00	20
206	-33	-34	Min.	131.44									135.81	20		
206	-33	-34	Min.	133.53	59.73	20	0.00	20	0.00	20	-1.01	20	135.80	20	0.00	20
206	-34	-35	Max	0.00	59.73	20	0.00	20	0.00	20	-217.05	20	135.80	20	0.00	20
206	-34	-35	Max	133.53	59.73	20	0.00	20	0.00	20	-281.46	20	-197.04	20	0.00	20
206	-34	-35	Min.	0.00	59.73	20	0.00	20	0.00	20	-217.05	20	135.80	20	0.00	20
206	-34	-35	Min.	133.53	59.73	20	0.00	20	0.00	20	-281.46	20	-197.04	20	0.00	20
206	-35	-36	Max	0.00	59.73	20	0.00	20	0.00	20	-497.50	20	-197.03	20	0.00	20
206	-35	-36	Max	54.07	59.73	20	0.00	20	0.00	20	-523.58	20	-473.06	20	0.00	20
206	-35	-36	Min.	0.00	59.73	20	0.00	20	0.00	20	-497.50	20	-197.03	20	0.00	20
206	-35	-36	Min.	54.07	59.73	20	0.00	20	0.00	20	-523.58	20	-473.06	20	0.00	20
206	-36	-37	Max	0.00	0.00	20	0.00	20	0.00	20	470.88	20	-605.09	20	0.00	20
206	-36	-37	Max	79.47	0.00	20	0.00	20	0.00	20	432.55	20	-246.12	20	0.00	20
206	-36	-37	Min.	0.00	0.00	20	0.00	20	0.00	20	470.88	20	-605.09	20	0.00	20
206	-36	-37	Min.	79.47	0.00	20	0.00	20	0.00	20	432.55	20	-246.12	20	0.00	20
206	-37	-38	Max	0.00	0.00	20	0.00	20	0.00	20	216.51	20	-246.11	20	0.00	20
206	-37	-38	Max	133.53	0.00	20	0.00	20	0.00	20	152.11	20	0.00	20	0.00	20
206	-37	-38	Min.	0.00	0.00	20	0.00	20	0.00	20	216.51	20	-246.11	20	0.00	20
206	-37	-38	Min.	133.53	0.00	20	0.00	20	0.00	20	152.11	20	0.00	20	0.00	20
301	-3	-60	Max	0.00	62.30	20	0.00	20	0.00	20	43.62	20	-37.85	20	0.00	20
301	-3	-60	Max	150.00	9.78	20	0.00	20	0.00	20	6.85	20	0.00	20	0.00	20
301	-3	-60	Min.	0.00	62.30	20	0.00	20	0.00	20	43.62	20	-37.85	20	0.00	20
301	-3	-60	Min.	150.00	9.78	20	0.00	20	0.00	20	6.85	20	0.00	20	0.00	20
301	-59	-3	Max	0.00	-9.78	20	0.00	20	0.00	20	-6.85	20	0.00	20	0.00	20
301	-59	-3	Max	150.00	-62.30	20	0.00	20	0.00	20	-43.62	20	-37.85	20	0.00	20
301	-59	-3	Min.	0.00	-9.78	20	0.00	20	0.00	20	-6.85	20	0.00	20	0.00	20
301	-59	-3	Min.	150.00	-62.30	20	0.00	20	0.00	20	-43.62	20	-37.85	20	0.00	20
302	-4	-47	Max	0.00	88.49	20	0.00	20	0.00	20	61.96	20	-56.74	20	0.00	20
302	-4	-47	Max	150.00	19.56	20	0.00	20	0.00	20	13.69	20	0.00	20	0.00	20
302	-4	-47	Min.	0.00	88.49	20	0.00	20	0.00	20	61.96	20	-56.74	20	0.00	20
302	-4	-47	Min.	150.00	19.56	20	0.00	20	0.00	20	13.69	20	0.00	20	0.00	20
302	-46	-4	Max	0.00	-19.56	20	0.00	20	0.00	20	-13.69	20	0.00	20	0.00	20
302	-46	-4	Max	150.00	-88.49	20	0.00	20	0.00	20	-61.96	20	-56.74	20	0.00	20
302	-46	-4	Min.	0.00	-19.56	20	0.00	20	0.00	20	-13.69	20	0.00	20	0.00	20
302	-46	-4	Min.	150.00	-88.49	20	0.00	20	0.00	20	-61.96	20	-56.74	20	0.00	20
303	-6	-48	Max	0.00	88.49	20	0.00	20	0.00	20	61.96	20	-56.74	20	0.00	20
303	-6	-48	Max	150.00	19.56	20	0.00	20	0.00	20	13.69	20	0.00	20	0.00	20
303	-6	-48	Min.	0.00	88.49	20	0.00	20	0.00	20	61.96	20	-56.74	20	0.00	20
303	-6	-48	Min.	150.00	19.56	20	0.00	20	0.00	20	13.69	20	0.00	20	0.00	20
303	-49	-6	Max	0.00	-19.56	20	0.00	20	0.00	20	-13.69	20	0.00	20	0.00	20
303	-49	-6	Max	150.00	-88.49	20	0.00	20	0.00	20	-61.96	20	-56.74	20	0.00	20
303	-49	-6	Min.	0.00	-19.56	20	0.00	20	0.00	20	-13.69	20	0.00	20	0.00	20
303	-49	-6	Min.	150.00	-88.49	20	0.00	20	0.00	20	-61.96	20	-56.74	20	0.00	20
304	-7	-96	Max	0.00	88.49	20	0.00	20	0.00	20	61.96	20	-56.74	20	0.00	20
304	-7	-96	Max	150.00	19.56	20	0.00	20	0.00	20	13.69	20	0.00	20	0.00	20
304	-7	-96	Min.	0.00	88.49	20	0.00	20	0.00	20	61.96	20	-56.74	20	0.00	20
304	-7	-96	Min.	150.00	19.56	20	0.00	20	0.00	20	13.69	20	0.00	20	0.00	20
304	-95	-7	Max	0.00	-19.56	20	0.00	20	0.00	20	-13.69	20	0.00	20	0.00	20
304	-95	-7	Max	150.00	-88.49	20	0.00	20	0.00	20	-61.96	20	-56.74	20	0.00	20
304	-95	-7	Min.	0.00	-19.56	20	0.00	20	0.00	20	-13.69	20	0.00	20	0.00	20
304	-95	-7	Min.	150.00	-88.49	20	0.00	20	0.00	20	-61.96	20	-56.74	20	0.00	20
305	-8	-66	Max	0.00	88.49	20	0.00	20	0.00	20	61.96	20	-56.74	20	0.00	20
305	-8	-66	Max	150.00	19.56	20	0.00	20	0.00	20	13.69	20	0.00	20	0.00	20
305	-8	-66	Min.	0.00	88.49	20	0.00	20	0.00	20	61.96	20	-56.74	20	0.00	20
305	-8	-66	Min.	150.00	19.56	20	0.00	20	0.00	20	13.69	20	0.00	20	0.00	20
305	-67	-8	Max	0.00	-19.56	20	0.00	20	0.00	20	-13.69	20	0.00	20	0.00	20
305	-67	-8	Max	150.00	-88.49	20	0.00	20	0.00	20	-61.96	20	-56.74	20	0.00	20
305	-67	-8	Min.	0.00	-19.56	20	0.00	20	0.00	20	-13.69	20	0.00	20	0.00	20
305	-67	-8	Min.	150.00	-88.49	20	0.00	20	0.00	20	-61.96	20	-56.74	20	0.00	20
306	-9	-69	Max	0.00	88.49	20	0.00	20	0.00	20	61.96	20	-56.74	20	0.00	20
306	-9	-69	Max	150.00	19.56	20	0.00	20	0.00	20	13.69	20	0.00	20	0.00	20
306	-9	-69	Min.	0.00	88.49	20	0.00	20	0.00	20	61.96	20	-56.74	20	0.00	20
306	-9	-69	Min.	150.00	19.56	20	0.00	20	0.00	20	13.69	20	0.00	20	0.00	20
306	-68	-9	Max	0.00	-19.56	20	0.00	20	0.00	20	-13.69	20	0.00	20	0.00	20
306	-68	-9	Max	150.00	-88.49	20	0.00	20	0.00	20	-61.96	20	-56.74	20	0.00	20
306	-68	-9	Min.	0.00	-19.56	20	0.00	20	0.00	20	-13.69	20	0.00	20	0.00	20
306	-68	-9	Min.	150.00	-88.49	20	0.00	20	0.00	20	-61.96	20	-56.74	20	0.00	20
307	-11	-70	Max	0.00	88.49	20	0.00	20	0.00	20	61.96	20	-56.74	20	0.00	20
307	-11	-70	Max	150.00	19.56	20	0.00	20	0.00	20	13.69	20	0.00	20	0.00	20
307	-11	-70	Min.	0.00	88.49	20	0.00	20	0.00	20	61.96	20	-56.74	20	0.00	20
307	-11	-70	Min.	150.00	19.56	20	0.00	20	0.00	20	13.69	20	0.00	20	0.00	20
307	-71	-11	Max	0.00	-19.56	20	0.00	20	0.00	20	-13.69	20	0.00	20	0.00	20
307	-71	-11	Max	150.00	-88.49	20	0.00	20	0.00	20	-61.96	20	-56.74	20	0.00	20
307	-71	-11	Min.	0.00	-19.56	20	0.00	20	0.00	20	-13.69	20	0.00	20	0.00	20
307	-71	-11	Min.	150.00	-88.49	20	0.00	20	0.00	20	-61.96	20	-56.74	20	0.00	20

308	-12	-72	Max	0.00	88.49	20	0.00	20	0.00	20	61.96	20	-56.74	20	0.00	20
308	-12	-72	Max	150.00	19.56	20	0.00	20	0.00	20	13.69	20	0.00	20	0.00	20
308	-12	-72	Min.	0.00	88.49	20	0.00	20	0.00	20	61.96	20	-56.74	20	0.00	20
308	-12	-72	Min.	150.00	19.56	20	0.00	20	0.00	20	13.69	20	0.00	20	0.00	20
308	-73	-12	Max	0.00	-19.56	20	0.00	20	0.00	20	-13.69	20	0.00	20	0.00	20
308	-73	-12	Max	150.00	-88.49	20	0.00	20	0.00	20	-61.96	20	-56.74	20	0.00	20
308	-73	-12	Min.	0.00	-19.56	20	0.00	20	0.00	20	-13.69	20	0.00	20	0.00	20
308	-73	-12	Min.	150.00	-88.49	20	0.00	20	0.00	20	-61.96	20	-56.74	20	0.00	20
309	-13	-74	Max	0.00	88.49	20	0.00	20	0.00	20	61.96	20	-56.74	20	0.00	20
309	-13	-74	Max	150.00	19.56	20	0.00	20	0.00	20	13.69	20	0.00	20	0.00	20
309	-13	-74	Min.	0.00	88.49	20	0.00	20	0.00	20	61.96	20	-56.74	20	0.00	20
309	-13	-74	Min.	150.00	19.56	20	0.00	20	0.00	20	13.69	20	0.00	20	0.00	20
309	-75	-13	Max	0.00	-19.56	20	0.00	20	0.00	20	-13.69	20	0.00	20	0.00	20
309	-75	-13	Max	150.00	-88.49	20	0.00	20	0.00	20	-61.96	20	-56.74	20	0.00	20
309	-75	-13	Min.	0.00	-19.56	20	0.00	20	0.00	20	-13.69	20	0.00	20	0.00	20
309	-75	-13	Min.	150.00	-88.49	20	0.00	20	0.00	20	-61.96	20	-56.74	20	0.00	20
310	-14	-90	Max	0.00	88.49	20	0.00	20	0.00	20	61.96	20	-56.74	20	0.00	20
310	-14	-90	Max	150.00	19.56	20	0.00	20	0.00	20	13.69	20	0.00	20	0.00	20
310	-14	-90	Min.	0.00	88.49	20	0.00	20	0.00	20	61.96	20	-56.74	20	0.00	20
310	-14	-90	Min.	150.00	19.56	20	0.00	20	0.00	20	13.69	20	0.00	20	0.00	20
310	-91	-14	Max	0.00	-19.56	20	0.00	20	0.00	20	-13.69	20	0.00	20	0.00	20
310	-91	-14	Max	150.00	-88.49	20	0.00	20	0.00	20	-61.96	20	-56.74	20	0.00	20
310	-91	-14	Min.	0.00	-19.56	20	0.00	20	0.00	20	-13.69	20	0.00	20	0.00	20
310	-91	-14	Min.	150.00	-88.49	20	0.00	20	0.00	20	-61.96	20	-56.74	20	0.00	20
311	-15	-92	Max	0.00	88.49	20	0.00	20	0.00	20	61.96	20	-56.74	20	0.00	20
311	-15	-92	Max	150.00	19.56	20	0.00	20	0.00	20	13.69	20	0.00	20	0.00	20
311	-15	-92	Min.	0.00	88.49	20	0.00	20	0.00	20	61.96	20	-56.74	20	0.00	20
311	-15	-92	Min.	150.00	19.56	20	0.00	20	0.00	20	13.69	20	0.00	20	0.00	20
311	-93	-15	Max	0.00	-19.56	20	0.00	20	0.00	20	-13.69	20	0.00	20	0.00	20
311	-93	-15	Max	150.00	-88.49	20	0.00	20	0.00	20	-61.96	20	-56.74	20	0.00	20
311	-93	-15	Min.	0.00	-19.56	20	0.00	20	0.00	20	-13.69	20	0.00	20	0.00	20
311	-93	-15	Min.	150.00	-88.49	20	0.00	20	0.00	20	-61.96	20	-56.74	20	0.00	20
312	-16	-98	Max	0.00	88.49	20	0.00	20	0.00	20	61.96	20	-56.74	20	0.00	20
312	-16	-98	Max	150.00	19.56	20	0.00	20	0.00	20	13.69	20	0.00	20	0.00	20
312	-16	-98	Min.	0.00	88.49	20	0.00	20	0.00	20	61.96	20	-56.74	20	0.00	20
312	-16	-98	Min.	150.00	19.56	20	0.00	20	0.00	20	13.69	20	0.00	20	0.00	20
312	-94	-16	Max	0.00	-19.56	20	0.00	20	0.00	20	-13.69	20	0.00	20	0.00	20
312	-94	-16	Max	150.00	-88.49	20	0.00	20	0.00	20	-61.96	20	-56.74	20	0.00	20
312	-94	-16	Min.	0.00	-19.56	20	0.00	20	0.00	20	-13.69	20	0.00	20	0.00	20
312	-94	-16	Min.	150.00	-88.49	20	0.00	20	0.00	20	-61.96	20	-56.74	20	0.00	20
313	-17	-97	Max	0.00	88.49	20	0.00	20	0.00	20	61.96	20	-56.74	20	0.00	20
313	-17	-97	Max	150.00	19.56	20	0.00	20	0.00	20	13.69	20	0.00	20	0.00	20
313	-17	-97	Min.	0.00	88.49	20	0.00	20	0.00	20	61.96	20	-56.74	20	0.00	20
313	-17	-97	Min.	150.00	19.56	20	0.00	20	0.00	20	13.69	20	0.00	20	0.00	20
313	-42	-17	Max	0.00	-19.56	20	0.00	20	0.00	20	-13.69	20	0.00	20	0.00	20
313	-42	-17	Max	150.00	-88.49	20	0.00	20	0.00	20	-61.96	20	-56.74	20	0.00	20
313	-42	-17	Min.	0.00	-19.56	20	0.00	20	0.00	20	-13.69	20	0.00	20	0.00	20
313	-42	-17	Min.	150.00	-88.49	20	0.00	20	0.00	20	-61.96	20	-56.74	20	0.00	20
314	-18	-43	Max	0.00	88.49	20	0.00	20	0.00	20	61.96	20	-56.74	20	0.00	20
314	-18	-43	Max	150.00	19.56	20	0.00	20	0.00	20	13.69	20	0.00	20	0.00	20
314	-18	-43	Min.	0.00	88.49	20	0.00	20	0.00	20	61.96	20	-56.74	20	0.00	20
314	-18	-43	Min.	150.00	19.56	20	0.00	20	0.00	20	13.69	20	0.00	20	0.00	20
314	-44	-18	Max	0.00	-19.56	20	0.00	20	0.00	20	-13.69	20	0.00	20	0.00	20
314	-44	-18	Max	150.00	-88.49	20	0.00	20	0.00	20	-61.96	20	-56.74	20	0.00	20
314	-44	-18	Min.	0.00	-19.56	20	0.00	20	0.00	20	-13.69	20	0.00	20	0.00	20
314	-44	-18	Min.	150.00	-88.49	20	0.00	20	0.00	20	-61.96	20	-56.74	20	0.00	20
315	-19	-45	Max	0.00	88.49	20	0.00	20	0.00	20	61.96	20	-56.74	20	0.00	20
315	-19	-45	Max	150.00	19.56	20	0.00	20	0.00	20	13.69	20	0.00	20	0.00	20
315	-19	-45	Min.	0.00	88.49	20	0.00	20	0.00	20	61.96	20	-56.74	20	0.00	20
315	-19	-45	Min.	150.00	19.56	20	0.00	20	0.00	20	13.69	20	0.00	20	0.00	20
315	-58	-19	Max	0.00	-19.56	20	0.00	20	0.00	20	-13.69	20	0.00	20	0.00	20
315	-58	-19	Max	150.00	-88.49	20	0.00	20	0.00	20	-61.96	20	-56.74	20	0.00	20
315	-58	-19	Min.	0.00	-19.56	20	0.00	20	0.00	20	-13.69	20	0.00	20	0.00	20
315	-58	-19	Min.	150.00	-88.49	20	0.00	20	0.00	20	-61.96	20	-56.74	20	0.00	20
316	-20	-63	Max	0.00	62.30	20	0.00	20	0.00	20	43.62	20	-37.85	20	0.00	20
316	-20	-63	Max	150.00	9.78	20	0.00	20	0.00	20	6.85	20	0.00	20	0.00	20
316	-20	-63	Min.	0.00	62.30	20	0.00	20	0.00	20	43.62	20	-37.85	20	0.00	20
316	-20	-63	Min.	150.00	9.78	20	0.00	20	0.00	20	6.85	20	0.00	20	0.00	20
316	-65	-20	Max	0.00	-9.78	20	0.00	20	0.00	20	-6.85	20	0.00	20	0.00	20
316	-65	-20	Max	150.00	-62.30	20	0.00	20	0.00	20	-43.62	20	-37.85	20	0.00	20
316	-65	-20	Min.	0.00	-9.78	20	0.00	20	0.00	20	-6.85	20	0.00	20	0.00	20
316	-65	-20	Min.	150.00	-62.30	20	0.00	20	0.00	20	-43.62	20	-37.85	20	0.00	20
317	-21	-51	Max	0.00	62.30	20	0.00	20	0.00	20	43.62	20	-37.85	20	0.00	20
317	-21	-51	Max	150.00	9.78	20	0.00	20	0.00	20	6.85	20	0.00	20	0.00	20
317	-21	-51	Min.	0.00	62.30	20	0.00	20	0.00	20	43.62	20	-37.85	20	0.00	20
317	-21	-51	Min.	150.00	9.78	20	0.00	20	0.00	20	6.85	20	0.00	20	0.00	20
317	-50	-21	Max	0.00	-9.78	20	0.00	20	0.00	20	-6.85	20	0.00	20	0.00	20
317	-50	-21	Max	150.00	-62.30	20	0.00	20	0.00	20	-43.62	20	-37.85	20	0.00	20
317	-50	-21	Min.	0.00	-9.78	20	0.00	20	0.00	20	-6.85	20	0.00	20	0.00	20
317	-50	-21	Min.	150.00	-62.30	20	0.00	20	0.00	20	-43.62	20	-37.85	20	0.00	20
318	-22	-53	Max	0.00	88.49	20	0.00	20	0.00	20	61.96	20	-56.74	20	0.00	20
318	-22	-53	Max	150.00	19.56	20	0.00	20	0.00	20	13.69	20	0.00	20	0.00	20
318	-22	-53	Min.	0.00	88.49	20	0.00	20	0.00	20	61.96	20	-56.74	20	0.00	20
318	-22	-53	Min.	150.00	19.56	20	0.00	20	0.00	20	13.69	20	0.00	20	0.00	20
318	-52	-22	Max	0.00	-19.56	20	0.00	20	0.00	20	-13.69	20	0.00	20	0.00	20
318	-52	-22	Max	150.00	-88.49	20	0.00	20	0.00	20	-61.96	20	-56.74	20	0.00	20
318	-52	-22	Min.	0.00	-19.56	20	0.00	20	0.00	20	-13.69	20	0.00	20	0.00	20
318	-52	-22	Min.	150.00	-88.49	20	0.00	20	0.00	20	-61.96	20	-56.74	20	0.00	20
319	-23	-55	Max	0.00	88.49	20	0.00	20	0.00	20	61.96	20	-56.74	20	0.00	20
319	-23	-55	Max	150.00	19.56	20	0.00	20	0.00	20	13.69	20	0.00	20	0.00	20
319	-23	-55	Min.	0.00	88.49	20	0.00	20	0.00	20	61.96	20	-56.74	20	0.00	20
319	-23	-55	Min.	150.00	19.56	20	0.00	20	0.00	20	13.69	20	0.00	20	0.00	20
319	-54	-23	Max	0.00	-19.56	20	0.00	20	0.00	20	-13.69	20	0.00	20	0.00	20
319	-54	-23	Max	150.00	-88.49	20	0.00	20	0.00	20	-61.96	20	-56.74	20	0.00	20
319	-54	-23	Min.	0.00	-19.56	20	0.00	20	0.00	20	-13.69	20	0.00	20	0.00	20
319	-54	-23	Min.	150.00	-88.49	20	0.00	20	0.00	20	-61.96	20	-56.74	20	0.00	20
320	-24	-57	Max	0.00	88.49	20	0.00	20	0.00	20	61.96	20	-56.74	20	0.00	20
320	-24	-57	Max	150.00	19.56	20	0.00	20	0.00	20	13.69	20	0.00	20	0.00	20
320	-24	-57	Min.	0.00	88.49	20	0.00	20	0.00	20	61.96	20	-56.74	20	0.00	20
320	-24	-57	Min.	150.00	19.56	20	0.00	20	0.00	20	13.69	20	0.00	20	0.00	20
320	-56	-24	Max	0.00	-19.56	20	0.00	20	0.00	20	-13.69	20	0.00	20	0.00	20

320	-56	-24	Max	150.00	-88.49	20	0.00	20	0.00	20	-61.96	20	-56.74	20	0.00	20
320	-56	-24	Min.	0.00	-19.56	20	0.00	20	0.00	20	-13.69	20	0.00	20	0.00	20
320	-56	-24	Min.	150.00	-88.49	20	0.00	20	0.00	20	-61.96	20	-56.74	20	0.00	20
322	-25	-41	Max	0.00	88.49	20	0.00	20	0.00	20	61.96	20	-56.74	20	0.00	20
322	-25	-41	Max	150.00	19.56	20	0.00	20	0.00	20	13.69	20	0.00	20	0.00	20
322	-25	-41	Min.	0.00	88.49	20	0.00	20	0.00	20	61.96	20	-56.74	20	0.00	20
322	-25	-41	Min.	150.00	19.56	20	0.00	20	0.00	20	13.69	20	0.00	20	0.00	20
322	-64	-25	Max	0.00	-19.56	20	0.00	20	0.00	20	-13.69	20	0.00	20	0.00	20
322	-64	-25	Max	150.00	-88.49	20	0.00	20	0.00	20	-61.96	20	-56.74	20	0.00	20
322	-64	-25	Min.	0.00	-19.56	20	0.00	20	0.00	20	-13.69	20	0.00	20	0.00	20
322	-64	-25	Min.	150.00	-88.49	20	0.00	20	0.00	20	-61.96	20	-56.74	20	0.00	20
323	-26	-77	Max	0.00	88.49	20	0.00	20	0.00	20	61.96	20	-56.74	20	0.00	20
323	-26	-77	Max	150.00	19.56	20	0.00	20	0.00	20	13.69	20	0.00	20	0.00	20
323	-26	-77	Min.	0.00	88.49	20	0.00	20	0.00	20	61.96	20	-56.74	20	0.00	20
323	-26	-77	Min.	150.00	19.56	20	0.00	20	0.00	20	13.69	20	0.00	20	0.00	20
323	-76	-26	Max	0.00	-19.56	20	0.00	20	0.00	20	-13.69	20	0.00	20	0.00	20
323	-76	-26	Max	150.00	-88.49	20	0.00	20	0.00	20	-61.96	20	-56.74	20	0.00	20
323	-76	-26	Min.	0.00	-19.56	20	0.00	20	0.00	20	-13.69	20	0.00	20	0.00	20
323	-76	-26	Min.	150.00	-88.49	20	0.00	20	0.00	20	-61.96	20	-56.74	20	0.00	20
324	-27	-79	Max	0.00	88.49	20	0.00	20	0.00	20	61.96	20	-56.74	20	0.00	20
324	-27	-79	Max	150.00	19.56	20	0.00	20	0.00	20	13.69	20	0.00	20	0.00	20
324	-27	-79	Min.	0.00	88.49	20	0.00	20	0.00	20	61.96	20	-56.74	20	0.00	20
324	-27	-79	Min.	150.00	19.56	20	0.00	20	0.00	20	13.69	20	0.00	20	0.00	20
324	-78	-27	Max	0.00	-19.56	20	0.00	20	0.00	20	-13.69	20	0.00	20	0.00	20
324	-78	-27	Max	150.00	-88.49	20	0.00	20	0.00	20	-61.96	20	-56.74	20	0.00	20
324	-78	-27	Min.	0.00	-19.56	20	0.00	20	0.00	20	-13.69	20	0.00	20	0.00	20
324	-78	-27	Min.	150.00	-88.49	20	0.00	20	0.00	20	-61.96	20	-56.74	20	0.00	20
325	-28	-81	Max	0.00	88.49	20	0.00	20	0.00	20	61.96	20	-56.74	20	0.00	20
325	-28	-81	Max	150.00	19.56	20	0.00	20	0.00	20	13.69	20	0.00	20	0.00	20
325	-28	-81	Min.	0.00	88.49	20	0.00	20	0.00	20	61.96	20	-56.74	20	0.00	20
325	-28	-81	Min.	150.00	19.56	20	0.00	20	0.00	20	13.69	20	0.00	20	0.00	20
325	-80	-28	Max	0.00	-19.56	20	0.00	20	0.00	20	-13.69	20	0.00	20	0.00	20
325	-80	-28	Max	150.00	-88.49	20	0.00	20	0.00	20	-61.96	20	-56.74	20	0.00	20
325	-80	-28	Min.	0.00	-19.56	20	0.00	20	0.00	20	-13.69	20	0.00	20	0.00	20
325	-80	-28	Min.	150.00	-88.49	20	0.00	20	0.00	20	-61.96	20	-56.74	20	0.00	20
326	-29	-83	Max	0.00	88.49	20	0.00	20	0.00	20	61.96	20	-56.74	20	0.00	20
326	-29	-83	Max	150.00	19.56	20	0.00	20	0.00	20	13.69	20	0.00	20	0.00	20
326	-29	-83	Min.	0.00	88.49	20	0.00	20	0.00	20	61.96	20	-56.74	20	0.00	20
326	-29	-83	Min.	150.00	19.56	20	0.00	20	0.00	20	13.69	20	0.00	20	0.00	20
326	-82	-29	Max	0.00	-19.56	20	0.00	20	0.00	20	-13.69	20	0.00	20	0.00	20
326	-82	-29	Max	150.00	-88.49	20	0.00	20	0.00	20	-61.96	20	-56.74	20	0.00	20
326	-82	-29	Min.	0.00	-19.56	20	0.00	20	0.00	20	-13.69	20	0.00	20	0.00	20
326	-82	-29	Min.	150.00	-88.49	20	0.00	20	0.00	20	-61.96	20	-56.74	20	0.00	20
327	-30	-85	Max	0.00	88.49	20	0.00	20	0.00	20	61.96	20	-56.74	20	0.00	20
327	-30	-85	Max	150.00	19.56	20	0.00	20	0.00	20	13.69	20	0.00	20	0.00	20
327	-30	-85	Min.	0.00	88.49	20	0.00	20	0.00	20	61.96	20	-56.74	20	0.00	20
327	-30	-85	Min.	150.00	19.56	20	0.00	20	0.00	20	13.69	20	0.00	20	0.00	20
327	-84	-30	Max	0.00	-19.56	20	0.00	20	0.00	20	-13.69	20	0.00	20	0.00	20
327	-84	-30	Max	150.00	-88.49	20	0.00	20	0.00	20	-61.96	20	-56.74	20	0.00	20
327	-84	-30	Min.	0.00	-19.56	20	0.00	20	0.00	20	-13.69	20	0.00	20	0.00	20
327	-84	-30	Min.	150.00	-88.49	20	0.00	20	0.00	20	-61.96	20	-56.74	20	0.00	20
329	-32	-86	Max	0.00	88.49	20	0.00	20	0.00	20	61.96	20	-56.74	20	0.00	20
329	-32	-86	Max	150.00	19.56	20	0.00	20	0.00	20	13.69	20	0.00	20	0.00	20
329	-32	-86	Min.	0.00	88.49	20	0.00	20	0.00	20	61.96	20	-56.74	20	0.00	20
329	-32	-86	Min.	150.00	19.56	20	0.00	20	0.00	20	13.69	20	0.00	20	0.00	20
329	-87	-32	Max	0.00	-19.56	20	0.00	20	0.00	20	-13.69	20	0.00	20	0.00	20
329	-87	-32	Max	150.00	-88.49	20	0.00	20	0.00	20	-61.96	20	-56.74	20	0.00	20
329	-87	-32	Min.	0.00	-19.56	20	0.00	20	0.00	20	-13.69	20	0.00	20	0.00	20
329	-87	-32	Min.	150.00	-88.49	20	0.00	20	0.00	20	-61.96	20	-56.74	20	0.00	20
330	-33	-89	Max	0.00	88.49	20	0.00	20	0.00	20	61.96	20	-56.74	20	0.00	20
330	-33	-89	Max	150.00	19.56	20	0.00	20	0.00	20	13.69	20	0.00	20	0.00	20
330	-33	-89	Min.	0.00	88.49	20	0.00	20	0.00	20	61.96	20	-56.74	20	0.00	20
330	-33	-89	Min.	150.00	19.56	20	0.00	20	0.00	20	13.69	20	0.00	20	0.00	20
330	-88	-33	Max	0.00	-19.56	20	0.00	20	0.00	20	-13.69	20	0.00	20	0.00	20
330	-88	-33	Max	150.00	-88.49	20	0.00	20	0.00	20	-61.96	20	-56.74	20	0.00	20
330	-88	-33	Min.	0.00	-19.56	20	0.00	20	0.00	20	-13.69	20	0.00	20	0.00	20
330	-88	-33	Min.	150.00	-88.49	20	0.00	20	0.00	20	-61.96	20	-56.74	20	0.00	20
331	-34	-61	Max	0.00	88.49	20	0.00	20	0.00	20	61.96	20	-56.74	20	0.00	20
331	-34	-61	Max	150.00	19.56	20	0.00	20	0.00	20	13.69	20	0.00	20	0.00	20
331	-34	-61	Min.	0.00	88.49	20	0.00	20	0.00	20	61.96	20	-56.74	20	0.00	20
331	-34	-61	Min.	150.00	19.56	20	0.00	20	0.00	20	13.69	20	0.00	20	0.00	20
331	-62	-34	Max	0.00	-19.56	20	0.00	20	0.00	20	-13.69	20	0.00	20	0.00	20
331	-62	-34	Max	150.00	-88.49	20	0.00	20	0.00	20	-61.96	20	-56.74	20	0.00	20
331	-62	-34	Min.	0.00	-19.56	20	0.00	20	0.00	20	-13.69	20	0.00	20	0.00	20
331	-62	-34	Min.	150.00	-88.49	20	0.00	20	0.00	20	-61.96	20	-56.74	20	0.00	20
332	-35	-102	Max	0.00	88.49	20	0.00	20	0.00	20	61.96	20	-56.74	20	0.00	20
332	-35	-102	Max	150.00	19.56	20	0.00	20	0.00	20	13.69	20	0.00	20	0.00	20
332	-35	-102	Min.	0.00	88.49	20	0.00	20	0.00	20	61.96	20	-56.74	20	0.00	20
332	-35	-102	Min.	150.00	19.56	20	0.00	20	0.00	20	13.69	20	0.00	20	0.00	20
332	-101	-35	Max	0.00	-19.56	20	0.00	20	0.00	20	-13.69	20	0.00	20	0.00	20
332	-101	-35	Max	150.00	-88.49	20	0.00	20	0.00	20	-61.96	20	-56.74	20	0.00	20
332	-101	-35	Min.	0.00	-19.56	20	0.00	20	0.00	20	-13.69	20	0.00	20	0.00	20
332	-101	-35	Min.	150.00	-88.49	20	0.00	20	0.00	20	-61.96	20	-56.74	20	0.00	20
333	-37	-103	Max	0.00	88.49	20	0.00	20	0.00	20	61.96	20	-56.74	20	0.00	20
333	-37	-103	Max	150.00	19.56	20	0.00	20	0.00	20	13.69	20	0.00	20	0.00	20
333	-37	-103	Min.	0.00	88.49	20	0.00	20	0.00	20	61.96	20	-56.74	20	0.00	20
333	-37	-103	Min.	150.00	19.56	20	0.00	20	0.00	20	13.69	20	0.00	20	0.00	20
333	-104	-37	Max	0.00	-19.56	20	0.00	20	0.00	20	-13.69	20	0.00	20	0.00	20
333	-104	-37	Max	150.00	-88.49	20	0.00	20	0.00	20	-61.96	20	-56.74	20	0.00	20
333	-104	-37	Min.	0.00	-19.56	20	0.00	20	0.00	20	-13.69	20	0.00	20	0.00	20
333	-104	-37	Min.	150.00	-88.49	20	0.00	20	0.00	20	-61.96	20	-56.74	20	0.00	20
334	-38	-99	Max	0.00	62.30	20	0.00	20	0.00	20	43.62	20	-37.85	20	0.00	20
334	-38	-99	Max	150.00	9.78	20	0.00	20	0.00	20	6.85	20	0.00	20	0.00	20
334	-38	-99	Min.	0.00	62.30	20	0.00	20	0.00	20	43.62	20	-37.85	20	0.00	20
334	-38	-99	Min.	150.00	9.78	20	0.00	20	0.00	20	6.85	20	0.00	20	0.00	20
334	-100	-38	Max	0.00	-9.78	20	0.00	20	0.00	20	-6.85	20	0.00	20	0.00	20
334	-100	-38	Max	150.00	-62.30	20	0.00	20	0.00	20	-43.62	20	-37.85	20	0.00	20
334	-100	-38	Min.	0.00	-9.78	20	0.00	20	0.00	20	-6.85	20	0.00	20	0.00	20
334	-100	-38	Min.	150.00	-62.30	20	0.00	20	0.00	20	-43.62	20	-37.85	20	0.00	20

Simbologia

Φ_{LT}		= Coefficiente Φ per stabilità laterale membrature inflesse
Φ_y		= Coefficiente Φ per inflessione intorno all'asse y(c)
Φ_z		= Coefficiente Φ per inflessione intorno all'asse z(e)
α_{imp}		= Coefficiente di imperfezione
αmy, αmz, αLT		= Coefficienti correttivi per il momento flettente
β_{LT}		= Coefficiente per calcolo Φ_{LT}
χ_{LT}		= Coefficiente di riduzione per stabilità laterale membrature inflesse
χ_y		= Coefficiente χ di riduzione per instabilità intorno all'asse y(c)
χ_z		= Coefficiente χ di riduzione per instabilità intorno all'asse z(e)
δ	<cm>	= Spostamento relativo asta
λ^*_y		= Snellezza adimensionale per inflessione intorno all'asse y(c)
λ^*_z		= Snellezza adimensionale per inflessione intorno all'asse z(e)
λ_{LT}		= Coefficiente di imperfezione per stabilità laterale membrature inflesse
$\lambda_{LT,0}$		= Coefficiente di imperfezione di confronto per stabilità laterale membrature inflesse
λ_y		= Snellezza per inflessione intorno all'asse y(c)
λ_z		= Snellezza per inflessione intorno all'asse z(e)
$\sigma_{ID,max}$	<daN/cmq>	= Tensione ideale massima
σ_M	<daN/cmq>	= Tensione normale per momento flettente
σ_N	<daN/cmq>	= Tensione normale per sforzo normale
τ	<daN/cmq>	= Tensione tangenziale per taglio e/o torsione
ψ		= Coeff. di correzione momento critico per stabilità laterale membrature inflesse
Aeff	<cmq>	= Area effettiva per trazione
Anet	<cmq>	= Area netta per compressione
Area	<cmq>	= Area
Atag,y	<cmq>	= Area resistente a taglio in dir. Y
Atag,z	<cmq>	= Area resistente a taglio in dir. Z
CC		= Numero della combinazione delle condizioni di carico elementari
Cod.		= Codice
Curva		= Curva di instabilità adottata
D	<cm>	= Distanza
Fyk	<daN/cmq>	= Tensione caratteristica di snervamento dell'acciaio
Fyt	<daN/cmq>	= Tensione caratteristica di rottura
Iy	<cm>	= Raggio giratorio d'inerzia rispetto all'asse Y
Iz	<cm>	= Raggio giratorio d'inerzia rispetto all'asse Z
Jω	<cm6>	= Costante di ingobbamento
Jy	<cm4>	= Momento d'inerzia rispetto all'asse Y
Jz	<cm4>	= Momento d'inerzia rispetto all'asse Z
Kyy, Kyz, Kzy, Kzz		= Coefficienti di interazione
L	<m>	= Lunghezza dell'asta
L_{cr}	<m>	= Lunghezza di libera inflessione laterale fra ritegni torsionali
M,cr	<daNm>	= Momento critico per instabilità flesso torsionale
MNy,c,Rd	<daNm>	= Resistenza di calcolo a pressoflessione intorno all'asse Y
Mx	<daNm>	= Momento torcente intorno all'asse X
My	<daNm>	= Momento flettente intorno all'asse Y
My,Ed	<daNm>	= Momento flettente di calcolo intorno all'asse Y
My,V,c,Rd	<daNm>	= Resistenza di calcolo a flessione ridotta per taglio intorno all'asse Y
Mz	<daNm>	= Momento flettente intorno all'asse Z
Mz,Ed	<daNm>	= Momento flettente di calcolo intorno all'asse Z
N	<daN>	= Sforzo normale
N,Ed	<daN>	= Forza assiale di calcolo
Nc,Rd	<daN>	= Resistenza a compressione
Ncr,y	<daN>	= Sforzo normale critico euleriano per inflessione intorno all'asse y(c)
Ncr,z	<daN>	= Sforzo normale critico euleriano per inflessione intorno all'asse z(e)
Sez.		= Numero della sezione
Tipo		= Tipologia Rc = Rettangolare cava Is = I stondata
Tp		= Tipo di acciaio
Ty	<daN>	= Taglio in dir. Y
Tz	<daN>	= Taglio in dir. Z
V,Ed	<daN>	= Forza di taglio di calcolo
Vc,Rd	<daN>	= Resistenza a taglio
Vc,Rd,Red	<daN>	= Resistenza a taglio ridotta
Wy,plas	<cmc>	= Modulo di resistenza plastico intorno all'asse Y
Wymin	<cmc>	= Modulo di resistenza minimo rispetto all'asse Y
Wz,plas	<cmc>	= Modulo di resistenza plastico intorno all'asse Z
Wzmin	<cmc>	= Modulo di resistenza minimo rispetto all'asse Z
Xl	<m>	= Coordinata progressiva (dal nodo iniziale dell'asta) in cui viene effettuato il progetto/verifica
f		= Fattore di modifica per il coefficiente di riduzione
$f_{z,G}$	<cm>	= Freccia in direzione Z globale
$f_{z,L}$	<cm>	= Freccia in direzione Z locale
k_c		= Coeff. di correzione momento flettente per stabilità laterale membrature inflesse

Caratteristiche profilati utilizzati

Sez.	Cod.	Tipo	D <cm>	Area <cmq>	Anet <cmq>	Aeff <cmq>	Jy <cm4>	Jz <cm4>	Iy <cm>	Iz <cm>	Wymin <cmc>	Wzmin <cmc>	Tp	Fyk <daN/cmq>	Fyt <daN/cmq>
1	COLL HEA240	Is	--	76.84	76.84	76.84	7763.40	2768.81	10.05	6.00	675.08	230.73	S355 UNI EN 10025-2	3550.00	5100.00
2	TRV PRINC SHS200x200x8	Rc	--	61.44	61.44	61.44	3781.43	3781.43	7.85	7.85	378.14	378.14	S355H UNI EN 10210-1	3550.00	5100.00
3	TRV SEC RHS150x100x8	Rc	--	37.44	37.44	37.44	1128.23	588.15	5.49	3.96	150.43	117.63	S355H UNI EN 10210-1	3550.00	5100.00

Caratteristiche profilati utilizzati

Sez.	Cod.	Wy,plas <cmc>	Wz,plas <cmc>	Atag,y <cmq>	Atag,z <cmq>	Jω <cm6>
1	COLL HEA240	747.99	352.10	64.54	25.18	328486.00
2	TRV PRINC SHS200x200x8	442.62	442.62	30.72	30.72	
3	TRV SEC RHS150x100x8	185.42	138.62	14.98	22.46	

Asta n. 1 (1 -5) - Sez. 1 (COLL HEA240) - Crit. 1

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=-852.25 T_z=-193.71 M_y=-676.98 T_y=-651.83 M_z=1228.40
  Tensioni: σ_N=-11.09 $\sigma_{m,d}$=-632.67 τ=0.00 σ_{max}=-643.76 (sfrut=0.19)
  Tensioni: σ_N=-11.09 $\sigma_{m,d}$=199.62 τ=16.31 τ_{max}=16.31 (sfrut=0.01)
  Tensioni: σ_N=-11.09 $\sigma_{m,d}$=-632.67 τ=0.00 $\sigma_{ID,max}$=643.76 (sfrut=0.19)

- Verifica a taglio Dir. Y [4.2.16] - CC 15 SND Xl=2.40 - Classe 2
  Sollecitazioni: T_y=117.90
  V,Ed=117.90 Vc,Rd=125981.00 V,Ed/Vc,Rd=0.00

- Verifica a taglio Dir. Z [4.2.16] - CC 15 SND Xl=2.40 - Classe 2
  Sollecitazioni: T_z=573.40
  V,Ed=573.40 Vc,Rd=49148.50 V,Ed/Vc,Rd=0.01

- Verifica in termini tensionali [4.2.4] - CC 21 SLU Xl=0.00 - Classe 3
  Sollecitazioni: N=-284.49 T_z=2116.46 M_y=7163.35 T_y=-26.42 M_z=28.49
  Tensioni: σ_N=-3.70 $\sigma_{m,d}$=-1073.46 τ=0.00 σ_{max}=-1077.17 (sfrut=0.32)
  Tensioni: σ_N=-3.70 $\sigma_{m,d}$=0.39 τ=143.96 τ_{max}=143.96 (sfrut=0.07)
  Tensioni: σ_N=-3.70 $\sigma_{m,d}$=-1073.46 τ=0.00 $\sigma_{ID,max}$=1077.17 (sfrut=0.32)

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 21 SLU - Classe 3
  Sollecitazioni: N,Ed=-284.49 My,Ed=7163.35 Mz,Ed=-58.68 L=3.30
  αmy, αmz, αLT=0.95, 0.95, 0.95
  L_{cr}=3.30 Curva b: α_{imp}=0.34 k_c=0.94 ψ=1.72 M,cr=120469.00 λ_{LT}=0.45
  $\lambda_{LT,0}$=0.40 Φ_{LT}=0.58 β_{LT}=0.75 f=0.98 χ_{LT}=1.00
  λ_y=32.83 Ncr,y=1477550.00 λ^*_y=0.43 Curva b: Φ_y=0.63 χ_y=0.91
  λ_z=54.97 Ncr,z=526968.00 λ^*_z=0.72 Curva c: Φ_z=0.89 χ_z=0.71
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.30+0.01=0.31
  Verifica ZZ: 0.00+0.24+0.01=0.25

- Verifica Spostamento relativo massimo per singola asta - CC 23
  δ=1.11 (L/297)

Asta n. 2 (2 -10) - Sez. 1 (COLL HEA240) - Crit. 1

- Verifica in termini tensionali [4.2.4] - CC 5 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=-1287.17 T_z=-217.66 M_y=-747.27 T_y=838.48 M_z=-1432.41
  Tensioni: σ_N=-16.75 $\sigma_{m,d}$=-731.50 τ=0.00 σ_{max}=-748.25 (sfrut=0.22)
  Tensioni: σ_N=-16.75 $\sigma_{m,d}$=-28.90 τ=20.95 τ_{max}=20.95 (sfrut=0.01)
  Tensioni: σ_N=-16.75 $\sigma_{m,d}$=-731.50 τ=0.00 $\sigma_{ID,max}$=748.25 (sfrut=0.22)

- Verifica a taglio e torsione Dir. Y [4.2.24] - CC 21 SLU Xl=0.90 - Classe 2
  Sollecitazioni: T_y=2.21 M_x=-1.97
  V,Ed=2.21 Vc,Rd,Red=125817.00 V,Ed/Vc,Rd,Red=0.00

- Verifica a taglio e torsione Dir. Z [4.2.24] - CC 21 SLU Xl=0.90 - Classe 2
  Sollecitazioni: T_z=2893.27 M_x=-1.97
  V,Ed=2893.27 Vc,Rd,Red=49084.60 V,Ed/Vc,Rd,Red=0.06

- Verifica in termini tensionali [4.2.4] - CC 21 SLU Xl=0.00 - Classe 3
  Sollecitazioni: N=-185.86 T_z=2893.27 M_y=9421.30 T_y=2.21 M_z=-2.67 M_x=-1.97
  Tensioni: σ_N=-2.42 $\sigma_{m,d}$=-1396.74 τ=6.34 σ_{max}=-1399.16 (sfrut=0.41)
  Tensioni: σ_N=-2.42 $\sigma_{m,d}$=-0.04 τ=196.90 τ_{max}=196.90 (sfrut=0.10)
  Tensioni: σ_N=-2.42 $\sigma_{m,d}$=-1396.74 τ=6.34 $\sigma_{ID,max}$=1399.21 (sfrut=0.41)

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 21 SLU - Classe 3
  Sollecitazioni: N,Ed=-185.86 My,Ed=9421.30 Mz,Ed=4.63 L=3.30
  αmy, αmz, αLT=0.95, 0.95, 0.95
  L_{cr}=3.30 Curva b: α_{imp}=0.34 k_c=0.94 ψ=1.76 M,cr=123279.00 λ_{LT}=0.44
  $\lambda_{LT,0}$=0.40 Φ_{LT}=0.58 β_{LT}=0.75 f=0.98 χ_{LT}=1.00
  λ_y=32.83 Ncr,y=1477550.00 λ^*_y=0.43 Curva b: Φ_y=0.63 χ_y=0.91
  λ_z=54.97 Ncr,z=526968.00 λ^*_z=0.72 Curva c: Φ_z=0.89 χ_z=0.71
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.39+0.00=0.39
  Verifica ZZ: 0.00+0.31+0.00=0.32

- Verifica Spostamento relativo massimo per singola asta - CC 23
  δ=1.44 (L/229)

Asta n. 3 (3 203) - Sez. 1 (COLL HEA240) - Crit. 1

- Verifica in termini tensionali [4.2.4] - CC 3 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=-1542.39 T_z=233.29 M_y=806.45 T_y=-754.78 M_z=1341.31
  Tensioni: σ_N=-20.07 $\sigma_{m,d}$=-700.78 τ=0.00 σ_{max}=-720.86 (sfrut=0.21)
  Tensioni: σ_N=-20.07 $\sigma_{m,d}$=12.90 τ=18.89 τ_{max}=18.89 (sfrut=0.01)
  Tensioni: σ_N=-20.07 $\sigma_{m,d}$=-700.78 τ=0.00 $\sigma_{ID,max}$=720.86 (sfrut=0.21)

- Verifica a taglio e torsione Dir. Y [4.2.24] - CC 21 SLU Xl=0.60 - Classe 2
  Sollecitazioni: T_y=1.71 M_x=1.21
  V,Ed=1.71 Vc,Rd,Red=125881.00 V,Ed/Vc,Rd,Red=0.00

- Verifica a taglio e torsione Dir. Z [4.2.24] - CC 21 SLU Xl=0.60 - Classe 2
  Sollecitazioni: T_z=3151.63 M_x=1.21
  V,Ed=3151.63 Vc,Rd,Red=49109.40 V,Ed/Vc,Rd,Red=0.06

- Verifica in termini tensionali [4.2.4] - CC 21 SLU Xl=0.00 - Classe 3
  Sollecitazioni: N=-199.06 T_z=3151.63 M_y=10254.30 T_y=1.71 M_z=-1.98 M_x=1.21
  Tensioni: σ_N=-2.59 $\sigma_{m,d}$=-1519.84 τ=3.88 σ_{max}=-1522.43 (sfrut=0.45)
  Tensioni: σ_N=-2.59 $\sigma_{m,d}$=0.03 τ=214.40 τ_{max}=214.40 (sfrut=0.11)
  Tensioni: σ_N=-2.59 $\sigma_{m,d}$=-1519.84 τ=3.88 $\sigma_{ID,max}$=1522.44 (sfrut=0.45)

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 21 SLU - Classe 3
  Sollecitazioni: N,Ed=-199.06 My,Ed=10254.30 Mz,Ed=3.66 L=3.30
  αmy, αmz, αLT=0.95, 0.95, 0.95
  L_{cr}=3.30 Curva b: α_{imp}=0.34 k_c=0.94 ψ=1.77 M,cr=123339.00 λ_{LT}=0.44
  $\lambda_{LT,0}$=0.40 Φ_{LT}=0.58 β_{LT}=0.75 f=0.98 χ_{LT}=1.00
  λ_y=32.83 Ncr,y=1477550.00 λ^*_y=0.43 Curva b: Φ_y=0.63 χ_y=0.91
  λ_z=54.97 Ncr,z=526968.00 λ^*_z=0.72 Curva c: Φ_z=0.89 χ_z=0.71
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.43+0.00=0.43
  Verifica ZZ: 0.00+0.34+0.00=0.34

- Verifica Spostamento relativo massimo per singola asta - CC 23
  δ=1.56 (L/211)

Asta n. 4 (4 204) - Sez. 1 (COLL HEA240) - Crit. 1

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3

Sollecitazioni: N=-1423.57 T_z=205.78 M_y=730.75 T_y=718.93 M_z=-1302.25
Tensioni: σ_N=-18.53 $\sigma_{m,d}$=-672.64 τ=0.00 σ_{max}=-691.17 (sfrut=0.20)
Tensioni: σ_N=-18.53 $\sigma_{m,d}$=-213.36 τ=17.98 τ_{max}=17.98 (sfrut=0.01)
Tensioni: σ_N=-18.53 $\sigma_{m,d}$=-672.64 τ=0.00 $\sigma_{ID,max}$=691.17 (sfrut=0.20)

- Verifica a taglio Dir. Z [4.2.16] - CC 21 SLU Xl=0.00 - Classe 2
Sollecitazioni: T_z=-2578.76
V,Ed=-2578.76 Vc,Rd=49148.50 V,Ed/Vc,Rd=0.05

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 21 SLU Xl=0.00 - Classe 2
Sollecitazioni: N=-344.91 T_z=-2578.76 M_y=-8696.99
My,Ed=-8696.99 My,V,c,Rd=25289.20
N,Ed=-344.91 Nc,Rd=-259785.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=25289.20 My,Ed/MNy,c,Rd=0.34

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 21 SLU - Classe 3
Sollecitazioni: N,Ed=-344.91 My,Ed=-8696.99 Mz,Ed=0.00 L=3.30
αmy, αmz, αLT=0.95, 0.95, 0.95
L_{cr}=3.30 Curva b: α_{imp}=0.34 k_c=0.94 ψ=1.73 M,cr=120721.00 λ_{LT}=0.45
$\lambda_{LT,0}$=0.40 Φ_{LT}=0.58 β_{LT}=0.75 f=0.98 χ_{LT}=1.00
λ_y=32.83 Ncr,y=1477550.00 λ^*_y=0.43 Curva b: Φ_y=0.63 χ_y=0.91
λ_z=54.97 Ncr,z=526968.00 λ^*_z=0.72 Curva c: Φ_z=0.89 χ_z=0.71
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.36=0.36
Verifica ZZ: 0.00+0.29=0.29

- Verifica Spostamento relativo massimo per singola asta - CC 23
δ=1.35 (L/245)

Asta n. 5 (5 205) - Sez. 1 (COLL HEA240) - Crit. 1

- Verifica in termini tensionali [4.2.4] - CC 7 SND Xl=0.00 - Classe 3
Sollecitazioni: N=-1542.39 T_z=-233.29 M_y=-806.45 T_y=-754.78 M_z=1341.31
Tensioni: σ_N=-20.07 $\sigma_{m,d}$=-700.78 τ=0.00 σ_{max}=-720.86 (sfrut=0.21)
Tensioni: σ_N=-20.07 $\sigma_{m,d}$=226.89 τ=18.89 τ_{max}=18.89 (sfrut=0.01)
Tensioni: σ_N=-20.07 $\sigma_{m,d}$=-700.78 τ=0.00 $\sigma_{ID,max}$=720.86 (sfrut=0.21)

- Verifica a taglio e torsione Dir. Y [4.2.24] - CC 21 SLU Xl=0.60 - Classe 2
Sollecitazioni: T_y=1.71 M_x=-1.21
V,Ed=1.71 Vc,Rd,Red=125881.00 V,Ed/Vc,Rd,Red=0.00

- Verifica a taglio e torsione Dir. Z [4.2.24] - CC 21 SLU Xl=0.60 - Classe 2
Sollecitazioni: T_z=-3151.63 M_x=-1.21
V,Ed=-3151.63 Vc,Rd,Red=49109.40 V,Ed/Vc,Rd,Red=0.06

- Verifica in termini tensionali [4.2.4] - CC 21 SLU Xl=0.00 - Classe 3
Sollecitazioni: N=-199.06 T_z=-3151.63 M_y=-10254.30 T_y=1.71 M_z=-1.98 M_x=-1.21
Tensioni: σ_N=-2.59 $\sigma_{m,d}$=-1519.84 τ=3.88 σ_{max}=-1522.43 (sfrut=0.45)
Tensioni: σ_N=-2.59 $\sigma_{m,d}$=-0.03 τ=214.40 τ_{max}=214.40 (sfrut=0.11)
Tensioni: σ_N=-2.59 $\sigma_{m,d}$=-1519.84 τ=3.88 $\sigma_{ID,max}$=1522.44 (sfrut=0.45)

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 21 SLU - Classe 3
Sollecitazioni: N,Ed=-199.06 My,Ed=-10254.30 Mz,Ed=3.66 L=3.30
αmy, αmz, αLT=0.95, 0.95, 0.95
L_{cr}=3.30 Curva b: α_{imp}=0.34 k_c=0.94 ψ=1.77 M,cr=123339.00 λ_{LT}=0.44
$\lambda_{LT,0}$=0.40 Φ_{LT}=0.58 β_{LT}=0.75 f=0.98 χ_{LT}=1.00
λ_y=32.83 Ncr,y=1477550.00 λ^*_y=0.43 Curva b: Φ_y=0.63 χ_y=0.91
λ_z=54.97 Ncr,z=526968.00 λ^*_z=0.72 Curva c: Φ_z=0.89 χ_z=0.71
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.43+0.00=0.43
Verifica ZZ: 0.00+0.34+0.00=0.34

- Verifica Spostamento relativo massimo per singola asta - CC 23
δ=1.56 (L/211)

Asta n. 6 (6 -31) - Sez. 1 (COLL HEA240) - Crit. 1

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
Sollecitazioni: N=-1287.17 T_z=217.66 M_y=747.27 T_y=838.48 M_z=-1432.41
Tensioni: σ_N=-16.75 $\sigma_{m,d}$=-731.50 τ=0.00 σ_{max}=-748.25 (sfrut=0.22)
Tensioni: σ_N=-16.75 $\sigma_{m,d}$=-227.19 τ=20.95 τ_{max}=20.95 (sfrut=0.01)
Tensioni: σ_N=-16.75 $\sigma_{m,d}$=-731.50 τ=0.00 $\sigma_{ID,max}$=748.25 (sfrut=0.22)

- Verifica a taglio e torsione Dir. Y [4.2.24] - CC 21 SLU Xl=0.90 - Classe 2
Sollecitazioni: T_y=2.21 M_x=1.97
V,Ed=2.21 Vc,Rd,Red=125817.00 V,Ed/Vc,Rd,Red=0.00

- Verifica a taglio e torsione Dir. Z [4.2.24] - CC 21 SLU Xl=0.90 - Classe 2
Sollecitazioni: T_z=-2893.27 M_x=1.97
V,Ed=-2893.27 Vc,Rd,Red=49084.60 V,Ed/Vc,Rd,Red=0.06

- Verifica in termini tensionali [4.2.4] - CC 21 SLU Xl=0.00 - Classe 3
Sollecitazioni: N=-185.86 T_z=-2893.27 M_y=-9421.29 T_y=2.21 M_z=-2.67 M_x=1.97
Tensioni: σ_N=-2.42 $\sigma_{m,d}$=-1396.74 τ=6.34 σ_{max}=-1399.16 (sfrut=0.41)
Tensioni: σ_N=-2.42 $\sigma_{m,d}$=0.04 τ=196.90 τ_{max}=196.90 (sfrut=0.10)
Tensioni: σ_N=-2.42 $\sigma_{m,d}$=-1396.74 τ=6.34 $\sigma_{ID,max}$=1399.20 (sfrut=0.41)

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 21 SLU - Classe 3
Sollecitazioni: N,Ed=-185.86 My,Ed=-9421.29 Mz,Ed=4.63 L=3.30
αmy, αmz, αLT=0.95, 0.95, 0.95
L_{cr}=3.30 Curva b: α_{imp}=0.34 k_c=0.94 ψ=1.76 M,cr=123279.00 λ_{LT}=0.44
$\lambda_{LT,0}$=0.40 Φ_{LT}=0.58 β_{LT}=0.75 f=0.98 χ_{LT}=1.00
λ_y=32.83 Ncr,y=1477550.00 λ^*_y=0.43 Curva b: Φ_y=0.63 χ_y=0.91
λ_z=54.97 Ncr,z=526968.00 λ^*_z=0.72 Curva c: Φ_z=0.89 χ_z=0.71
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.39+0.00=0.39
Verifica ZZ: 0.00+0.31+0.00=0.32

- Verifica Spostamento relativo massimo per singola asta - CC 23
δ=1.44 (L/229)

Asta n. 7 (7 -36) - Sez. 1 (COLL HEA240) - Crit. 1

- Verifica in termini tensionali [4.2.4] - CC 5 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=-852.25 T_z=193.71 M_y=676.98 T_y=-651.83 M_z=1228.40
  Tensioni: σ_N=-11.09 $\sigma_{m,d}$=-632.67 τ=0.00 σ_{max}=-643.76 (sfrut=0.19)
  Tensioni: σ_N=-11.09 $\sigma_{m,d}$=19.99 τ=16.31 τ_{max}=16.31 (sfrut=0.01)
  Tensioni: σ_N=-11.09 $\sigma_{m,d}$=-632.67 τ=0.00 $\sigma_{ID,max}$=643.76 (sfrut=0.19)

- Verifica a taglio Dir. Y [4.2.16] - CC 13 SND Xl=2.40 - Classe 2
  Sollecitazioni: T_y=117.90
  V,Ed=117.90 Vc,Rd=125981.00 V,Ed/Vc,Rd=0.00

- Verifica a taglio Dir. Z [4.2.16] - CC 13 SND Xl=2.40 - Classe 2
  Sollecitazioni: T_z=-573.40
  V,Ed=-573.40 Vc,Rd=49148.50 V,Ed/Vc,Rd=0.01

- Verifica in termini tensionali [4.2.4] - CC 21 SLU Xl=0.00 - Classe 3
  Sollecitazioni: N=-284.48 T_z=-2116.47 M_y=-7163.36 T_y=-26.42 M_z=28.49
  Tensioni: σ_N=-3.70 $\sigma_{m,d}$=-1073.46 τ=0.00 σ_{max}=-1077.17 (sfrut=0.32)
  Tensioni: σ_N=-3.70 $\sigma_{m,d}$=0.39 τ=143.96 τ_{max}=143.96 (sfrut=0.07)
  Tensioni: σ_N=-3.70 $\sigma_{m,d}$=-1073.46 τ=0.00 $\sigma_{ID,max}$=1077.17 (sfrut=0.32)

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 21 SLU - Classe 3
  Sollecitazioni: N,Ed=-284.48 My,Ed=-7163.36 Mz,Ed=-58.68 L=3.30
  αmy, αmz, αLT=0.95, 0.95, 0.95
  L_{cr}=3.30 Curva b: α_{imp}=0.34 k_c=0.94 ψ=1.72 M,cr=120469.00 λ_{LT}=0.45
  $\lambda_{LT,0}$=0.40 Φ_{LT}=0.58 β_{LT}=0.75 f=0.98 χ_{LT}=1.00
  λ_y=32.83 Ncr,y=1477550.00 λ^*_y=0.43 Curva b: Φ_y=0.63 χ_y=0.91
  λ_z=54.97 Ncr,z=526968.00 λ^*_z=0.72 Curva c: Φ_z=0.89 χ_z=0.71
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.30+0.01=0.31
  Verifica ZZ: 0.00+0.24+0.01=0.25

- Verifica Spostamento relativo massimo per singola asta - CC 23
  δ=1.11 (L/297)

Asta n. 201 (-4 -3) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 15 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=28.47 T_z=216.51 M_y=252.33 T_y=-94.91 M_z=131.09 M_x=-20.73
  Tensioni: σ_N=0.46 $\sigma_{m,d}$=101.40 τ=3.51 σ_{max}=101.86 (sfrut=0.03)
  Tensioni: σ_N=0.46 $\sigma_{m,d}$=-31.89 τ=11.44 τ_{max}=11.44 (sfrut=0.01)
  Tensioni: σ_N=0.46 $\sigma_{m,d}$=101.40 τ=3.51 $\sigma_{ID,max}$=102.04 (sfrut=0.03)

- Verifica a taglio Dir. Y [4.2.16] - CC 28 SLU Xl=1.34
  Sollecitazioni: T_y=221.93
  V,Ed=221.93 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.00

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=1.34
  Sollecitazioni: T_z=386.55
  V,Ed=386.55 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.01

- Verifica in termini tensionali [4.2.4] - CC 28 SLU Xl=0.00 - Classe 3
  Sollecitazioni: T_z=470.28 M_y=572.08 T_y=221.93 M_z=-296.35
  Tensioni: σ_N=0.00 $\sigma_{m,d}$=-229.66 τ=0.00 σ_{max}=-229.66 (sfrut=0.07)
  Tensioni: σ_N=0.00 $\sigma_{m,d}$=-72.10 τ=17.21 τ_{max}=17.21 (sfrut=0.01)
  Tensioni: σ_N=0.00 $\sigma_{m,d}$=-229.66 τ=0.00 $\sigma_{ID,max}$=229.66 (sfrut=0.07)

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 3
  Sollecitazioni: My,Ed=572.08 Mz,Ed=-296.35 L=1.34
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=17.02 Ncr,y=4395380.00 λ^*_y=0.22 Curva a: Φ_y=0.53 χ_y=0.99
  λ_z=17.02 Ncr,z=4395380.00 λ^*_z=0.22 Curva a: Φ_z=0.53 χ_z=0.99
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.04+0.02=0.06
  Verifica ZZ: 0.00+0.03+0.02=0.06

Asta n. 201 (-5 -4) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 15 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=69.78 T_z=470.88 M_y=620.62 T_y=-232.61 M_z=322.46 M_x=-51.80
  Tensioni: σ_N=1.14 $\sigma_{m,d}$=249.40 τ=8.78 σ_{max}=250.53 (sfrut=0.07)
  Tensioni: σ_N=1.14 $\sigma_{m,d}$=-78.45 τ=26.01 τ_{max}=26.01 (sfrut=0.01)
  Tensioni: σ_N=1.14 $\sigma_{m,d}$=249.40 τ=8.78 $\sigma_{ID,max}$=250.99 (sfrut=0.07)

- Verifica a taglio Dir. Z [4.2.16] - CC 17 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=774.27
  V,Ed=774.27 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.01

- Verifica in termini tensionali [4.2.4] - CC 28 SLU Xl=0.00 - Classe 3
  Sollecitazioni: T_z=1178.59 M_y=1488.85 T_y=665.79 M_z=-825.43
  Tensioni: σ_N=0.00 $\sigma_{m,d}$=-612.01 τ=0.00 σ_{max}=-612.01 (sfrut=0.18)
  Tensioni: σ_N=0.00 $\sigma_{m,d}$=-200.82 τ=43.13 τ_{max}=43.13 (sfrut=0.02)
  Tensioni: σ_N=0.00 $\sigma_{m,d}$=-612.01 τ=0.00 $\sigma_{ID,max}$=612.01 (sfrut=0.18)

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 3
  Sollecitazioni: My,Ed=1488.85 Mz,Ed=-825.43 L=0.79
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=10.13 Ncr,y=12411000.00 λ^*_y=0.13 Curva a: Φ_y=0.00 χ_y=1.00
  λ_z=10.13 Ncr,z=12411000.00 λ^*_z=0.13 Curva a: Φ_z=0.00 χ_z=1.00
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.11+0.06=0.17
  Verifica ZZ: 0.00+0.09+0.06=0.15

Asta n. 201 (-6 -5) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 7 SND Xl=0.54 - Classe 3
  Sollecitazioni: N=-234.46 T_z=-855.02 M_y=1315.51 T_y=104.33 M_z=129.61 M_x=22.20
  Tensioni: σ_N=-3.82 $\sigma_{m,d}$=-382.16 τ=3.76 σ_{max}=-385.98 (sfrut=0.11)
  Tensioni: σ_N=-3.82 $\sigma_{m,d}$=-31.53 τ=35.04 τ_{max}=35.04 (sfrut=0.02)

Tensioni: σ_N=-3.82 $\sigma_{m,d}$=-382.16 τ=3.76 $\sigma_{ID,max}$=386.04 (sfrut=0.11)

- Verifica a taglio Dir. Z [4.2.16] - CC 17 SLU Xl=0.54 - Classe 1
  Sollecitazioni: T_z=-880.69
  V,Ed=-880.69 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.01

- Verifica in termini tensionali [4.2.4] - CC 28 SLU Xl=0.54 - Classe 3
  Sollecitazioni: N=129.33 T_z=-1379.55 M_y=1203.33 T_y=-825.23 M_z=-825.51 M_x=-126.12
  Tensioni: σ_N=2.10 $\sigma_{m,d}$=536.53 τ=21.38 σ_{max}=538.63 (sfrut=0.16)
  Tensioni: σ_N=2.10 $\sigma_{m,d}$=-200.84 τ=71.86 τ_{max}=71.86 (sfrut=0.04)
  Tensioni: σ_N=2.10 $\sigma_{m,d}$=536.53 τ=21.38 $\sigma_{ID,max}$=539.91 (sfrut=0.16)

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 3
  Sollecitazioni: My,Ed=1203.33 Mz,Ed=-825.51 L=0.54
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=6.89 Ncr,y=26811000.00 λ^*_y=0.09 Curva a: Φ_y=0.00 χ_y=1.00
  λ_z=6.89 Ncr,z=26811000.00 λ^*_z=0.09 Curva a: Φ_z=0.00 χ_z=1.00
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.09+0.06=0.15
  Verifica ZZ: 0.00+0.07+0.06=0.13

Asta n. 201 (-7 -6) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 7 SND Xl=1.34 - Classe 3
  Sollecitazioni: N=-99.91 T_z=-612.90 M_y=891.36 T_y=63.97 M_z=94.96 M_x=12.88
  Tensioni: σ_N=-1.63 $\sigma_{m,d}$=-260.83 τ=2.18 σ_{max}=-262.46 (sfrut=0.08)
  Tensioni: σ_N=-1.63 $\sigma_{m,d}$=-23.10 τ=24.60 τ_{max}=24.60 (sfrut=0.01)
  Tensioni: σ_N=-1.63 $\sigma_{m,d}$=-260.83 τ=2.18 $\sigma_{ID,max}$=262.49 (sfrut=0.08)

- Verifica a taglio e torsione Dir. Y [4.2.25] - CC 5 SND Xl=1.09 - Classe 1
  Sollecitazioni: T_y=-16.30 M_x=-26.56
  V,Ed=-16.30 Vc,Rd,Red=59828.70 V,Ed/Vc,Rd,Red=0.00

- Verifica a taglio e torsione Dir. Z [4.2.25] - CC 5 SND Xl=1.09 - Classe 1
  Sollecitazioni: T_z=-601.19 M_x=-26.56
  V,Ed=-601.19 Vc,Rd,Red=59828.70 V,Ed/Vc,Rd,Red=0.01

- Verifica in termini tensionali [4.2.4] - CC 28 SLU Xl=1.34 - Classe 3
  Sollecitazioni: N=129.33 T_z=-687.17 M_y=466.62 T_y=-381.37 M_z=-379.33 M_x=-126.12
  Tensioni: σ_N=2.10 $\sigma_{m,d}$=223.71 τ=21.38 σ_{max}=225.82 (sfrut=0.07)
  Tensioni: σ_N=2.10 $\sigma_{m,d}$=-92.29 τ=46.52 τ_{max}=46.52 (sfrut=0.02)
  Tensioni: σ_N=2.10 $\sigma_{m,d}$=223.71 τ=21.38 $\sigma_{ID,max}$=228.83 (sfrut=0.07)

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 7 SND - Classe 3
  Sollecitazioni: N,Ed=-99.91 My,Ed=891.36 Mz,Ed=94.96 L=1.34
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=17.02 Ncr,y=4395380.00 λ^*_y=0.22 Curva a: Φ_y=0.53 χ_y=0.99
  λ_z=17.02 Ncr,z=4395380.00 λ^*_z=0.22 Curva a: Φ_z=0.53 χ_z=0.99
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.07+0.01=0.07
  Verifica ZZ: 0.00+0.05+0.01=0.06

Asta n. 201 (-8 -7) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 3 SND Xl=1.34 - Classe 3
  Sollecitazioni: N=74.96 T_z=330.43 M_y=-418.60 T_y=-27.02 M_z=-38.65 M_x=17.23
  Tensioni: σ_N=1.22 $\sigma_{m,d}$=120.92 τ=2.92 σ_{max}=122.14 (sfrut=0.04)
  Tensioni: σ_N=1.22 $\sigma_{m,d}$=-9.40 τ=15.01 τ_{max}=15.01 (sfrut=0.01)
  Tensioni: σ_N=1.22 $\sigma_{m,d}$=120.92 τ=2.92 $\sigma_{ID,max}$=122.25 (sfrut=0.04)

- Verifica a taglio e torsione Dir. Y [4.2.25] - CC 13 SND Xl=0.00 - Classe 1
  Sollecitazioni: T_y=-17.78 M_x=36.71
  V,Ed=-17.78 Vc,Rd,Red=59775.80 V,Ed/Vc,Rd,Red=0.00

- Verifica a taglio e torsione Dir. Z [4.2.25] - CC 13 SND Xl=0.00 - Classe 1
  Sollecitazioni: T_z=162.83 M_x=36.71
  V,Ed=162.83 Vc,Rd,Red=59775.80 V,Ed/Vc,Rd,Red=0.00

- Verifica in termini tensionali [4.2.4] - CC 28 SLU Xl=1.34 - Classe 3
  Sollecitazioni: N=129.33 T_z=55.04 M_y=-395.08 T_y=62.49 M_z=129.92 M_x=-126.12
  Tensioni: σ_N=2.10 $\sigma_{m,d}$=138.84 τ=21.38 σ_{max}=140.94 (sfrut=0.04)
  Tensioni: σ_N=2.10 $\sigma_{m,d}$=-96.12 τ=23.67 τ_{max}=23.67 (sfrut=0.01)
  Tensioni: σ_N=2.10 $\sigma_{m,d}$=138.84 τ=21.38 $\sigma_{ID,max}$=145.73 (sfrut=0.04)

Asta n. 201 (-9 -8) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 3 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=-69.46 T_z=675.28 M_y=893.28 T_y=-70.34 M_z=69.60 M_x=7.91
  Tensioni: σ_N=-1.13 $\sigma_{m,d}$=-254.64 τ=1.34 σ_{max}=-255.77 (sfrut=0.08)
  Tensioni: σ_N=-1.13 $\sigma_{m,d}$=16.93 τ=26.04 τ_{max}=26.04 (sfrut=0.01)
  Tensioni: σ_N=-1.13 $\sigma_{m,d}$=-254.64 τ=1.34 $\sigma_{ID,max}$=255.78 (sfrut=0.08)

- Verifica a taglio e torsione Dir. Y [4.2.25] - CC 21 SLU Xl=0.97 - Classe 1
  Sollecitazioni: T_y=-718.76 M_x=179.02
  V,Ed=-718.76 Vc,Rd,Red=59034.60 V,Ed/Vc,Rd,Red=0.01

- Verifica a taglio e torsione Dir. Z [4.2.25] - CC 21 SLU Xl=0.97 - Classe 1
  Sollecitazioni: T_z=-44.09 M_x=179.02
  V,Ed=-44.09 Vc,Rd,Red=59034.60 V,Ed/Vc,Rd,Red=0.00

- Verifica in termini tensionali [4.2.4] - CC 28 SLU Xl=0.00 - Classe 3
  Sollecitazioni: N=129.33 T_z=880.97 M_y=854.80 T_y=506.36 M_z=-629.69 M_x=-126.12
  Tensioni: σ_N=2.10 $\sigma_{m,d}$=392.57 τ=21.38 σ_{max}=394.68 (sfrut=0.12)
  Tensioni: σ_N=2.10 $\sigma_{m,d}$=153.20 τ=53.62 τ_{max}=53.62 (sfrut=0.03)
  Tensioni: σ_N=2.10 $\sigma_{m,d}$=392.57 τ=21.38 $\sigma_{ID,max}$=396.41 (sfrut=0.12)

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 3
  Sollecitazioni: My,Ed=854.80 Mz,Ed=-629.69 L=1.34
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=17.02 Ncr,y=4395370.00 λ^*_y=0.22 Curva a: Φ_y=0.53 χ_y=0.99

λ_z=17.02 Ncr,z=4395370.00 λ^*_z=0.22 Curva a: Φ_z=0.53 χ_z=0.99
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.06+0.05=0.11
Verifica ZZ: 0.00+0.05+0.05=0.10

Asta n. 201 (-10 -9) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
Sollecitazioni: N=-202.92 T_z=913.19 M_y=1271.24 T_y=62.72 M_z=-105.97 M_x=15.09
Tensioni: σ_N=-3.30 $\sigma_{m,d}$=-364.20 τ=2.56 σ_{max}=-367.51 (sfrut=0.11)
Tensioni: σ_N=-3.30 $\sigma_{m,d}$=-25.78 τ=35.96 τ_{max}=35.96 (sfrut=0.02)
Tensioni: σ_N=-3.30 $\sigma_{m,d}$=-364.20 τ=2.56 $\sigma_{ID,max}$=367.53 (sfrut=0.11)

- Verifica a taglio Dir. Z [4.2.16] - CC 17 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=988.58
V,Ed=988.58 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.02

- Verifica in termini tensionali [4.2.4] - CC 28 SLU Xl=0.00 - Classe 3
Sollecitazioni: N=129.33 T_z=1567.88 M_y=1559.14 T_y=950.22 M_z=-1060.46 M_x=-126.11
Tensioni: σ_N=2.10 $\sigma_{m,d}$=692.75 τ=21.38 σ_{max}=694.86 (sfrut=0.21)
Tensioni: σ_N=2.10 $\sigma_{m,d}$=258.00 τ=78.76 τ_{max}=78.76 (sfrut=0.04)
Tensioni: σ_N=2.10 $\sigma_{m,d}$=692.75 τ=21.38 $\sigma_{ID,max}$=695.84 (sfrut=0.21)

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 3
Sollecitazioni: My,Ed=1559.14 Mz,Ed=-1060.46 L=0.45
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=5.78 Ncr,y=38136200.00 λ^*_y=0.08 Curva a: Φ_y=0.00 χ_y=1.00
λ_z=5.78 Ncr,z=38136200.00 λ^*_z=0.08 Curva a: Φ_z=0.00 χ_z=1.00
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.12+0.08=0.19
Verifica ZZ: 0.00+0.09+0.08=0.17

Asta n. 202 (-11 -10) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 7 SND Xl=0.88 - Classe 3
Sollecitazioni: N=-450.80 T_z=-847.63 M_y=1224.88 T_y=120.61 M_z=106.11 M_x=28.64
Tensioni: σ_N=-7.34 $\sigma_{m,d}$=-351.98 τ=4.86 σ_{max}=-359.32 (sfrut=0.11)
Tensioni: σ_N=-7.34 $\sigma_{m,d}$=-25.82 τ=35.86 τ_{max}=35.86 (sfrut=0.02)
Tensioni: σ_N=-7.34 $\sigma_{m,d}$=-351.98 τ=4.86 $\sigma_{ID,max}$=359.42 (sfrut=0.11)

- Verifica a taglio Dir. Z [4.2.16] - CC 17 SLU Xl=0.88 - Classe 1
Sollecitazioni: T_z=-1176.29
V,Ed=-1176.29 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.02

- Verifica in termini tensionali [4.2.4] - CC 28 SLU Xl=0.88 - Classe 3
Sollecitazioni: N=-122.31 T_z=-1840.16 M_y=2115.20 T_y=-1088.06 M_z=-1061.85 M_x=-37.01
Tensioni: σ_N=-1.99 $\sigma_{m,d}$=-840.17 τ=6.27 σ_{max}=-842.16 (sfrut=0.25)
Tensioni: σ_N=-1.99 $\sigma_{m,d}$=-258.34 τ=73.62 τ_{max}=73.62 (sfrut=0.04)
Tensioni: σ_N=-1.99 $\sigma_{m,d}$=-840.17 τ=6.27 $\sigma_{ID,max}$=842.23 (sfrut=0.25)

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 3
Sollecitazioni: N,Ed=-122.31 My,Ed=2115.20 Mz,Ed=-1061.85 L=0.88
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=11.24 Ncr,y=10074900.00 λ^*_y=0.15 Curva a: Φ_y=0.00 χ_y=1.00
λ_z=11.24 Ncr,z=10074900.00 λ^*_z=0.15 Curva a: Φ_z=0.00 χ_z=1.00
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.16+0.08=0.24
Verifica ZZ: 0.00+0.13+0.08=0.21

Asta n. 202 (-12 -11) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 9 SND Xl=0.00 - Classe 3
Sollecitazioni: N=44.87 T_z=-332.81 M_y=-389.70 T_y=-213.31 M_z=247.43 M_x=-62.81
Tensioni: σ_N=0.73 $\sigma_{m,d}$=168.49 τ=10.65 σ_{max}=169.22 (sfrut=0.05)
Tensioni: σ_N=0.73 $\sigma_{m,d}$=60.20 τ=22.83 τ_{max}=22.83 (sfrut=0.01)
Tensioni: σ_N=0.73 $\sigma_{m,d}$=168.49 τ=10.65 $\sigma_{ID,max}$=170.22 (sfrut=0.05)

- Verifica a taglio Dir. Z [4.2.16] - CC 17 SLU Xl=1.34 - Classe 1
Sollecitazioni: T_z=-732.05
V,Ed=-732.05 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.01

- Verifica in termini tensionali [4.2.4] - CC 28 SLU Xl=0.00 - Classe 3
Sollecitazioni: N=-122.31 T_z=-1042.65 M_y=-931.60 T_y=-644.19 M_z=758.03 M_x=-37.01
Tensioni: σ_N=-1.99 $\sigma_{m,d}$=-446.82 τ=6.27 σ_{max}=-448.81 (sfrut=0.13)
Tensioni: σ_N=-1.99 $\sigma_{m,d}$=184.42 τ=44.43 τ_{max}=44.43 (sfrut=0.02)
Tensioni: σ_N=-1.99 $\sigma_{m,d}$=-446.82 τ=6.27 $\sigma_{ID,max}$=448.94 (sfrut=0.13)

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 3
Sollecitazioni: N,Ed=-122.31 My,Ed=-931.60 Mz,Ed=758.03 L=1.34
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=17.02 Ncr,y=4395370.00 λ^*_y=0.22 Curva a: Φ_y=0.53 χ_y=0.99
λ_z=17.02 Ncr,z=4395370.00 λ^*_z=0.22 Curva a: Φ_z=0.53 χ_z=0.99
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.07+0.06=0.13
Verifica ZZ: 0.00+0.06+0.06=0.11

Asta n. 202 (-13 -12) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 15 SND Xl=0.00 - Classe 3
Sollecitazioni: N=-76.52 T_z=-140.90 M_y=-531.57 T_y=68.90 M_z=-332.90 M_x=31.74
Tensioni: σ_N=-1.25 $\sigma_{m,d}$=-228.61 τ=5.38 σ_{max}=-229.86 (sfrut=0.07)
Tensioni: σ_N=-1.25 $\sigma_{m,d}$=80.99 τ=10.54 τ_{max}=10.54 (sfrut=0.01)
Tensioni: σ_N=-1.25 $\sigma_{m,d}$=-228.61 τ=5.38 $\sigma_{ID,max}$=230.04 (sfrut=0.07)

- Verifica a taglio Dir. Z [4.2.16] - CC 17 SLU Xl=1.34 - Classe 1
Sollecitazioni: T_z=-259.38
V,Ed=-259.38 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.00

- Verifica in termini tensionali [4.2.4] - CC 28 SLU Xl=0.00 - Classe 3
Sollecitazioni: N=-122.31 T_z=-300.44 M_y=-1388.69 T_y=-200.33 M_z=1025.54 M_x=-37.00

Tensioni: σ_N=-1.99 $\sigma_{m,d}$=-638.44 τ=6.27 σ_{max}=-640.43 (sfrut=0.19)
Tensioni: σ_N=-1.99 $\sigma_{m,d}$=249.51 τ=17.27 τ_{max}=17.27 (sfrut=0.01)
Tensioni: σ_N=-1.99 $\sigma_{m,d}$=-638.44 τ=6.27 $\sigma_{ID,max}$=640.53 (sfrut=0.19)

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 3
Sollecitazioni: N,Ed=-122.31 My,Ed=-1388.69 Mz,Ed=1025.54 L=1.34
α_{my}, α_{mz}, α_{LT}=0.95, 0.95, 0.95
λ_y=17.02 Ncr,y=4395370.00 λ^*_y=0.22 Curva a: Φ_y=0.53 χ_y=0.99
λ_z=17.02 Ncr,z=4395370.00 λ^*_z=0.22 Curva a: Φ_z=0.53 χ_z=0.99
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.10+0.08=0.18
Verifica ZZ: 0.00+0.08+0.08=0.16

Asta n. 202 (-14 -13) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 11 SND Xl=1.34 - Classe 3
Sollecitazioni: N=-33.20 T_z=75.14 M_y=-522.25 T_y=85.39 M_z=332.87
Tensioni: σ_N=-0.54 $\sigma_{m,d}$=-226.14 τ=0.00 σ_{max}=-226.68 (sfrut=0.07)
Tensioni: σ_N=-0.54 $\sigma_{m,d}$=-127.06 τ=3.13 τ_{max}=3.13 (sfrut=0.00)
Tensioni: σ_N=-0.54 $\sigma_{m,d}$=-226.14 τ=0.00 $\sigma_{ID,max}$=226.68 (sfrut=0.07)

- Verifica a taglio Dir. Z [4.2.16] - CC 17 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=297.01
V,Ed=297.01 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.00

- Verifica in termini tensionali [4.2.4] - CC 28 SLU Xl=1.34 - Classe 3
Sollecitazioni: N=-122.31 T_z=358.04 M_y=-1388.69 T_y=243.53 M_z=1025.54 M_x=-37.00
Tensioni: σ_N=-1.99 $\sigma_{m,d}$=-638.44 τ=6.27 σ_{max}=-640.43 (sfrut=0.19)
Tensioni: σ_N=-1.99 $\sigma_{m,d}$=-249.51 τ=19.38 τ_{max}=19.38 (sfrut=0.01)
Tensioni: σ_N=-1.99 $\sigma_{m,d}$=-638.44 τ=6.27 $\sigma_{ID,max}$=640.53 (sfrut=0.19)

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 3
Sollecitazioni: N,Ed=-122.31 My,Ed=-1388.69 Mz,Ed=1025.54 L=1.34
α_{my}, α_{mz}, α_{LT}=0.95, 0.95, 0.95
λ_y=17.02 Ncr,y=4395370.00 λ^*_y=0.22 Curva a: Φ_y=0.53 χ_y=0.99
λ_z=17.02 Ncr,z=4395370.00 λ^*_z=0.22 Curva a: Φ_z=0.53 χ_z=0.99
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.10+0.08=0.18
Verifica ZZ: 0.00+0.08+0.08=0.16

Asta n. 202 (-15 -14) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 3 SND Xl=0.00 - Classe 3
Sollecitazioni: N=-196.20 T_z=611.83 M_y=622.32 T_y=-83.93 M_z=34.81 M_x=-9.69
Tensioni: σ_N=-3.19 $\sigma_{m,d}$=-173.78 τ=1.64 σ_{max}=-176.97 (sfrut=0.05)
Tensioni: σ_N=-3.19 $\sigma_{m,d}$=-8.47 τ=24.02 τ_{max}=24.02 (sfrut=0.01)
Tensioni: σ_N=-3.19 $\sigma_{m,d}$=-173.78 τ=1.64 $\sigma_{ID,max}$=177.00 (sfrut=0.05)

- Verifica a taglio e torsione Dir. Y [4.2.25] - CC 21 SLU Xl=0.12 - Classe 1
Sollecitazioni: T_y=-975.74 M_x=52.52
V,Ed=-975.74 Vc,Rd,Red=59693.40 V,Ed/Vc,Rd,Red=0.02

- Verifica a taglio e torsione Dir. Z [4.2.25] - CC 21 SLU Xl=0.12 - Classe 1
Sollecitazioni: T_z=20.56 M_x=52.52
V,Ed=20.56 Vc,Rd,Red=59693.40 V,Ed/Vc,Rd,Red=0.00

- Verifica in termini tensionali [4.2.4] - CC 28 SLU Xl=1.34 - Classe 3
Sollecitazioni: N=-122.31 T_z=1100.25 M_y=-854.69 T_y=687.39 M_z=700.34 M_x=-37.00
Tensioni: σ_N=-1.99 $\sigma_{m,d}$=-411.23 τ=6.27 σ_{max}=-413.22 (sfrut=0.12)
Tensioni: σ_N=-1.99 $\sigma_{m,d}$=-170.39 τ=46.54 τ_{max}=46.54 (sfrut=0.02)
Tensioni: σ_N=-1.99 $\sigma_{m,d}$=-411.23 τ=6.27 $\sigma_{ID,max}$=413.36 (sfrut=0.12)

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 3
Sollecitazioni: N,Ed=-122.31 My,Ed=-854.69 Mz,Ed=700.34 L=1.34
α_{my}, α_{mz}, α_{LT}=0.95, 0.95, 0.95
λ_y=17.02 Ncr,y=4395370.00 λ^*_y=0.22 Curva a: Φ_y=0.53 χ_y=0.99
λ_z=17.02 Ncr,z=4395370.00 λ^*_z=0.22 Curva a: Φ_z=0.53 χ_z=0.99
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.06+0.05=0.12
Verifica ZZ: 0.00+0.05+0.05=0.10

Asta n. 202 (203 -15) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 3 SND Xl=0.00 - Classe 3
Sollecitazioni: N=-334.92 T_z=870.16 M_y=1335.56 T_y=-125.54 M_z=123.11 M_x=-19.01
Tensioni: σ_N=-5.45 $\sigma_{m,d}$=-385.75 τ=3.22 σ_{max}=-391.20 (sfrut=0.12)
Tensioni: σ_N=-5.45 $\sigma_{m,d}$=-29.95 τ=35.05 τ_{max}=35.05 (sfrut=0.02)
Tensioni: σ_N=-5.45 $\sigma_{m,d}$=-385.75 τ=3.22 $\sigma_{ID,max}$=391.24 (sfrut=0.12)

- Verifica a taglio Dir. Z [4.2.16] - CC 17 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=1213.59
V,Ed=1213.59 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.02

- Verifica in termini tensionali [4.2.4] - CC 28 SLU Xl=0.00 - Classe 3
Sollecitazioni: N=-122.31 T_z=1897.42 M_y=2309.73 T_y=1131.26 M_z=-1209.30 M_x=-37.00
Tensioni: σ_N=-1.99 $\sigma_{m,d}$=-930.61 τ=6.27 σ_{max}=-932.60 (sfrut=0.28)
Tensioni: σ_N=-1.99 $\sigma_{m,d}$=294.22 τ=75.71 τ_{max}=75.71 (sfrut=0.04)
Tensioni: σ_N=-1.99 $\sigma_{m,d}$=-930.61 τ=6.27 $\sigma_{ID,max}$=932.66 (sfrut=0.28)

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 3
Sollecitazioni: N,Ed=-122.31 My,Ed=2309.73 Mz,Ed=-1209.30 L=0.88
α_{my}, α_{mz}, α_{LT}=0.95, 0.95, 0.95
λ_y=11.17 Ncr,y=10197800.00 λ^*_y=0.15 Curva a: Φ_y=0.00 χ_y=1.00
λ_z=11.17 Ncr,z=10197800.00 λ^*_z=0.15 Curva a: Φ_z=0.00 χ_z=1.00
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.17+0.09=0.26
Verifica ZZ: 0.00+0.14+0.09=0.23

Asta n. 203 (-16 203) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 5 SND Xl=0.46 - Classe 3
  Sollecitazioni: N=-308.53 T_z=-893.98 M_y=1291.70 T_y=-88.16 M_z=-123.03 M_x=-17.57
  Tensioni: σ_N=-5.02 $\sigma_{m,d}$=-374.13 τ=2.98 σ_{max}=-379.15 (sfrut=0.11)
  Tensioni: σ_N=-5.02 $\sigma_{m,d}$=-29.93 τ=35.68 τ_{max}=35.68 (sfrut=0.02)
  Tensioni: σ_N=-5.02 $\sigma_{m,d}$=-374.13 τ=2.98 $\sigma_{ID,max}$=379.18 (sfrut=0.11)

- Verifica a taglio Dir. Z [4.2.16] - CC 17 SLU Xl=0.46 - Classe 1
  Sollecitazioni: T_z=-1164.04
  V,Ed=-1164.04 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.02

- Verifica in termini tensionali [4.2.4] - CC 28 SLU Xl=0.46 - Classe 3
  Sollecitazioni: N=37.41 T_z=-1834.87 M_y=1956.88 T_y=-1089.03 M_z=-1208.41 M_x=65.89
  Tensioni: σ_N=0.61 $\sigma_{m,d}$=837.06 τ=11.17 σ_{max}=837.67 (sfrut=0.25)
  Tensioni: σ_N=0.61 $\sigma_{m,d}$=294.00 τ=78.32 τ_{max}=78.32 (sfrut=0.04)
  Tensioni: σ_N=0.61 $\sigma_{m,d}$=837.06 τ=11.17 $\sigma_{ID,max}$=837.89 (sfrut=0.25)

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 3
  Sollecitazioni: My,Ed=1956.88 Mz,Ed=-1208.41 L=0.46
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=5.85 Ncr,y=37254500.00 λ^*_y=0.08 Curva a: Φ_y=0.00 χ_y=1.00
  λ_z=5.85 Ncr,z=37254500.00 λ^*_z=0.08 Curva a: Φ_z=0.00 χ_z=1.00
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.15+0.09=0.24
  Verifica ZZ: 0.00+0.12+0.09=0.21

Asta n. 203 (-17 -16) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 7 SND Xl=1.34 - Classe 3
  Sollecitazioni: N=-175.00 T_z=-655.82 M_y=917.82 T_y=80.60 M_z=81.33 M_x=8.47
  Tensioni: σ_N=-2.85 $\sigma_{m,d}$=-264.23 τ=1.44 σ_{max}=-267.07 (sfrut=0.08)
  Tensioni: σ_N=-2.85 $\sigma_{m,d}$=-19.79 τ=25.43 τ_{max}=25.43 (sfrut=0.01)
  Tensioni: σ_N=-2.85 $\sigma_{m,d}$=-264.23 τ=1.44 $\sigma_{ID,max}$=267.09 (sfrut=0.08)

- Verifica a taglio Dir. Z [4.2.16] - CC 17 SLU Xl=1.34 - Classe 1
  Sollecitazioni: T_z=-746.34
  V,Ed=-746.34 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.01

- Verifica in termini tensionali [4.2.4] - CC 28 SLU Xl=1.34 - Classe 3
  Sollecitazioni: N=37.41 T_z=-1147.63 M_y=1121.91 T_y=-645.16 M_z=-708.93 M_x=65.89
  Tensioni: σ_N=0.61 $\sigma_{m,d}$=484.17 τ=11.17 σ_{max}=484.78 (sfrut=0.14)
  Tensioni: σ_N=0.61 $\sigma_{m,d}$=172.48 τ=53.17 τ_{max}=53.17 (sfrut=0.03)
  Tensioni: σ_N=0.61 $\sigma_{m,d}$=484.17 τ=11.17 $\sigma_{ID,max}$=485.16 (sfrut=0.14)

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 3
  Sollecitazioni: My,Ed=1121.91 Mz,Ed=-708.93 L=1.34
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=17.02 Ncr,y=4395380.00 λ^*_y=0.22 Curva a: Φ_y=0.53 χ_y=0.99
  λ_z=17.02 Ncr,z=4395380.00 λ^*_z=0.22 Curva a: Φ_z=0.53 χ_z=0.99
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.08+0.05=0.14
  Verifica ZZ: 0.00+0.07+0.05=0.12

Asta n. 203 (-18 -17) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 15 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=6.94 T_z=-167.13 M_y=-322.42 T_y=74.96 M_z=-146.49 M_x=-3.18
  Tensioni: σ_N=0.11 $\sigma_{m,d}$=124.00 τ=0.54 σ_{max}=124.12 (sfrut=0.04)
  Tensioni: σ_N=0.11 $\sigma_{m,d}$=-35.64 τ=6.65 τ_{max}=6.65 (sfrut=0.00)
  Tensioni: σ_N=0.11 $\sigma_{m,d}$=124.00 τ=0.54 $\sigma_{ID,max}$=124.12 (sfrut=0.04)

- Verifica a taglio Dir. Z [4.2.16] - CC 17 SLU Xl=1.34 - Classe 1
  Sollecitazioni: T_z=-273.68
  V,Ed=-273.68 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.00

- Verifica in termini tensionali [4.2.4] - CC 28 SLU Xl=0.00 - Classe 3
  Sollecitazioni: N=37.41 T_z=-321.70 M_y=-840.12 T_y=-201.30 M_z=421.37 M_x=65.90
  Tensioni: σ_N=0.61 $\sigma_{m,d}$=333.60 τ=11.17 σ_{max}=334.21 (sfrut=0.10)
  Tensioni: σ_N=0.61 $\sigma_{m,d}$=-102.52 τ=22.94 τ_{max}=22.94 (sfrut=0.01)
  Tensioni: σ_N=0.61 $\sigma_{m,d}$=333.60 τ=11.17 $\sigma_{ID,max}$=334.77 (sfrut=0.10)

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 3
  Sollecitazioni: My,Ed=-840.12 Mz,Ed=421.37 L=1.34
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=17.02 Ncr,y=4395370.00 λ^*_y=0.22 Curva a: Φ_y=0.53 χ_y=0.99
  λ_z=17.02 Ncr,z=4395370.00 λ^*_z=0.22 Curva a: Φ_z=0.53 χ_z=0.99
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.06+0.03=0.09
  Verifica ZZ: 0.00+0.05+0.03=0.08

Asta n. 203 (-19 -18) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 11 SND Xl=1.34 - Classe 3
  Sollecitazioni: N=50.26 T_z=48.92 M_y=-313.10 T_y=79.20 M_z=146.18 M_x=34.32
  Tensioni: σ_N=0.82 $\sigma_{m,d}$=121.46 τ=5.82 σ_{max}=122.27 (sfrut=0.04)
  Tensioni: σ_N=0.82 $\sigma_{m,d}$=76.18 τ=8.72 τ_{max}=8.72 (sfrut=0.00)
  Tensioni: σ_N=0.82 $\sigma_{m,d}$=121.46 τ=5.82 $\sigma_{ID,max}$=122.69 (sfrut=0.04)

- Verifica a taglio Dir. Z [4.2.16] - CC 17 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=282.72
  V,Ed=282.72 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.00

- Verifica in termini tensionali [4.2.4] - CC 28 SLU Xl=1.34 - Classe 3
  Sollecitazioni: N=37.41 T_z=336.79 M_y=-840.10 T_y=242.56 M_z=421.36 M_x=65.90
  Tensioni: σ_N=0.61 $\sigma_{m,d}$=333.59 τ=11.17 σ_{max}=334.20 (sfrut=0.10)
  Tensioni: σ_N=0.61 $\sigma_{m,d}$=102.51 τ=23.50 τ_{max}=23.50 (sfrut=0.01)
  Tensioni: σ_N=0.61 $\sigma_{m,d}$=333.59 τ=11.17 $\sigma_{ID,max}$=334.76 (sfrut=0.10)

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 3
  Sollecitazioni: My,Ed=-840.10 Mz,Ed=421.36 L=1.34

αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=17.02 Ncr,y=4395380.00 λ^*_y=0.22 Curva a: Φ_y=0.53 χ_y=0.99
λ_z=17.02 Ncr,z=4395380.00 λ^*_z=0.22 Curva a: Φ_z=0.53 χ_z=0.99
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.06+0.03=0.09
Verifica ZZ: 0.00+0.05+0.03=0.08

Asta n. 203 (-20 -19) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 3 SND Xl=0.00 - Classe 3
Sollecitazioni: N=-212.21 T_z=660.91 M_y=956.51 T_y=-81.87 M_z=85.74 M_x=-19.72
Tensioni: σ_N=-3.45 $\sigma_{m,d}$=-275.62 τ=3.34 σ_{max}=-279.08 (sfrut=0.08)
Tensioni: σ_N=-3.45 $\sigma_{m,d}$=-20.86 τ=27.52 τ_{max}=27.52 (sfrut=0.01)
Tensioni: σ_N=-3.45 $\sigma_{m,d}$=-275.62 τ=3.34 $\sigma_{ID,max}$=279.14 (sfrut=0.08)

- Verifica a taglio e torsione Dir. Y [4.2.25] - CC 21 SLU Xl=1.09 - Classe 1
Sollecitazioni: T_y=-974.36 M_x=-93.54
V,Ed=-974.36 Vc,Rd,Red=59479.80 V,Ed/Vc,Rd,Red=0.02

- Verifica a taglio e torsione Dir. Z [4.2.25] - CC 21 SLU Xl=1.09 - Classe 1
Sollecitazioni: T_z=-42.16 M_x=-93.54
V,Ed=-42.16 Vc,Rd,Red=59479.80 V,Ed/Vc,Rd,Red=0.00

- Verifica in termini tensionali [4.2.4] - CC 28 SLU Xl=0.00 - Classe 3
Sollecitazioni: N=37.41 T_z=1162.72 M_y=1162.20 T_y=686.42 M_z=-819.12 M_x=65.90
Tensioni: σ_N=0.61 $\sigma_{m,d}$=523.96 τ=11.17 σ_{max}=524.57 (sfrut=0.16)
Tensioni: σ_N=0.61 $\sigma_{m,d}$=-199.29 τ=53.72 τ_{max}=53.72 (sfrut=0.03)
Tensioni: σ_N=0.61 $\sigma_{m,d}$=523.96 τ=11.17 $\sigma_{ID,max}$=524.93 (sfrut=0.16)

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 3
Sollecitazioni: My,Ed=1162.20 Mz,Ed=-819.12 L=1.34
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=17.02 Ncr,y=4395370.00 λ^*_y=0.22 Curva a: Φ_y=0.53 χ_y=0.99
λ_z=17.02 Ncr,z=4395370.00 λ^*_z=0.22 Curva a: Φ_z=0.53 χ_z=0.99
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.09+0.06=0.15
Verifica ZZ: 0.00+0.07+0.06=0.13

Asta n. 203 (204 -20) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 3 SND Xl=0.00 - Classe 3
Sollecitazioni: N=-309.60 T_z=822.66 M_y=1099.35 T_y=-111.09 M_z=93.44 M_x=-25.94
Tensioni: σ_N=-5.04 $\sigma_{m,d}$=-315.43 τ=4.40 σ_{max}=-320.47 (sfrut=0.09)
Tensioni: σ_N=-5.04 $\sigma_{m,d}$=-22.73 τ=34.49 τ_{max}=34.49 (sfrut=0.02)
Tensioni: σ_N=-5.04 $\sigma_{m,d}$=-315.43 τ=4.40 $\sigma_{ID,max}$=320.56 (sfrut=0.09)

- Verifica a taglio e torsione Dir. Y [4.2.25] - CC 21 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_y=-1289.38 M_x=-93.54
V,Ed=-1289.38 Vc,Rd,Red=59479.80 V,Ed/Vc,Rd,Red=0.02

- Verifica a taglio e torsione Dir. Z [4.2.25] - CC 21 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=49.45 M_x=-93.54
V,Ed=49.45 Vc,Rd,Red=59479.80 V,Ed/Vc,Rd,Red=0.00

- Verifica in termini tensionali [4.2.4] - CC 28 SLU Xl=0.00 - Classe 3
Sollecitazioni: N=37.41 T_z=1561.81 M_y=1473.31 T_y=908.36 M_z=-1000.79 M_x=65.90
Tensioni: σ_N=0.61 $\sigma_{m,d}$=654.28 τ=11.17 σ_{max}=654.88 (sfrut=0.19)
Tensioni: σ_N=0.61 $\sigma_{m,d}$=-243.49 τ=68.33 τ_{max}=68.33 (sfrut=0.04)
Tensioni: σ_N=0.61 $\sigma_{m,d}$=654.28 τ=11.17 $\sigma_{ID,max}$=655.17 (sfrut=0.19)

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 3
Sollecitazioni: My,Ed=1473.31 Mz,Ed=-1000.79 L=0.20
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=2.55 Ncr,y=195939000.00 λ^*_y=0.03 Curva a: Φ_y=0.00 χ_y=1.00
λ_z=2.55 Ncr,z=195939000.00 λ^*_z=0.03 Curva a: Φ_z=0.00 χ_z=1.00
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.11+0.07=0.18
Verifica ZZ: 0.00+0.09+0.07=0.16

Asta n. 204 (204 -21) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 7 SND Xl=0.00 - Classe 3
Sollecitazioni: N=-309.60 T_z=822.66 M_y=1099.35 T_y=111.09 M_z=-93.44 M_x=25.94
Tensioni: σ_N=-5.04 $\sigma_{m,d}$=-315.43 τ=4.40 σ_{max}=-320.47 (sfrut=0.09)
Tensioni: σ_N=-5.04 $\sigma_{m,d}$=-22.73 τ=34.49 τ_{max}=34.49 (sfrut=0.02)
Tensioni: σ_N=-5.04 $\sigma_{m,d}$=-315.43 τ=4.40 $\sigma_{ID,max}$=320.56 (sfrut=0.09)

- Verifica a taglio e torsione Dir. Y [4.2.25] - CC 21 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_y=1289.38 M_x=93.54
V,Ed=1289.38 Vc,Rd,Red=59479.80 V,Ed/Vc,Rd,Red=0.02

- Verifica a taglio e torsione Dir. Z [4.2.25] - CC 21 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=49.45 M_x=93.54
V,Ed=49.45 Vc,Rd,Red=59479.80 V,Ed/Vc,Rd,Red=0.00

- Verifica in termini tensionali [4.2.4] - CC 28 SLU Xl=0.00 - Classe 3
Sollecitazioni: N=37.41 T_z=1561.81 M_y=1473.30 T_y=-908.36 M_z=1000.79 M_x=-65.90
Tensioni: σ_N=0.61 $\sigma_{m,d}$=654.28 τ=11.17 σ_{max}=654.88 (sfrut=0.19)
Tensioni: σ_N=0.61 $\sigma_{m,d}$=-243.49 τ=68.33 τ_{max}=68.33 (sfrut=0.04)
Tensioni: σ_N=0.61 $\sigma_{m,d}$=654.28 τ=11.17 $\sigma_{ID,max}$=655.17 (sfrut=0.19)

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 3
Sollecitazioni: My,Ed=1473.30 Mz,Ed=1000.79 L=0.20
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=2.55 Ncr,y=195939000.00 λ^*_y=0.03 Curva a: Φ_y=0.00 χ_y=1.00
λ_z=2.55 Ncr,z=195939000.00 λ^*_z=0.03 Curva a: Φ_z=0.00 χ_z=1.00
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.11+0.07=0.18
Verifica ZZ: 0.00+0.09+0.07=0.16

Asta n. 204 (-21 -22) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 7 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=-212.21 T_z=660.91 M_y=956.51 T_y=81.87 M_z=-85.74 M_x=19.72
  Tensioni: σ_N=-3.45 $\sigma_{m,d}$=-275.62 τ=3.34 σ_{max}=-279.08 (sfrut=0.08)
  Tensioni: σ_N=-3.45 $\sigma_{m,d}$=-20.86 τ=27.52 τ_{max}=27.52 (sfrut=0.01)
  Tensioni: σ_N=-3.45 $\sigma_{m,d}$=-275.62 τ=3.34 $\sigma_{ID,max}$=279.14 (sfrut=0.08)

- Verifica a taglio e torsione Dir. Y [4.2.25] - CC 21 SLU Xl=1.09 - Classe 1
  Sollecitazioni: T_y=974.36 M_x=93.54
  V,Ed=974.36 Vc,Rd,Red=59479.80 V,Ed/Vc,Rd,Red=0.02

- Verifica a taglio e torsione Dir. Z [4.2.25] - CC 21 SLU Xl=1.09 - Classe 1
  Sollecitazioni: T_z=-42.16 M_x=93.54
  V,Ed=-42.16 Vc,Rd,Red=59479.80 V,Ed/Vc,Rd,Red=0.00

- Verifica in termini tensionali [4.2.4] - CC 28 SLU Xl=0.00 - Classe 3
  Sollecitazioni: N=37.41 T_z=1162.71 M_y=1162.20 T_y=-686.42 M_z=819.12 M_x=-65.90
  Tensioni: σ_N=0.61 $\sigma_{m,d}$=523.96 τ=11.17 σ_{max}=524.57 (sfrut=0.16)
  Tensioni: σ_N=0.61 $\sigma_{m,d}$=-199.29 τ=53.72 τ_{max}=53.72 (sfrut=0.03)
  Tensioni: σ_N=0.61 $\sigma_{m,d}$=523.96 τ=11.17 $\sigma_{ID,max}$=524.93 (sfrut=0.16)

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 3
  Sollecitazioni: My,Ed=1162.20 Mz,Ed=819.12 L=1.34
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=17.02 Ncr,y=4395380.00 λ^*_y=0.22 Curva a: Φ_y=0.53 χ_y=0.99
  λ_z=17.02 Ncr,z=4395380.00 λ^*_z=0.22 Curva a: Φ_z=0.53 χ_z=0.99
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.09+0.06=0.15
  Verifica ZZ: 0.00+0.07+0.06=0.13

Asta n. 204 (-22 -23) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 9 SND Xl=1.34 - Classe 3
  Sollecitazioni: N=50.26 T_z=48.92 M_y=-313.10 T_y=-79.20 M_z=-146.18 M_x=-34.32
  Tensioni: σ_N=0.82 $\sigma_{m,d}$=121.46 τ=5.82 σ_{max}=122.27 (sfrut=0.04)
  Tensioni: σ_N=0.82 $\sigma_{m,d}$=76.17 τ=8.72 τ_{max}=8.72 (sfrut=0.00)
  Tensioni: σ_N=0.82 $\sigma_{m,d}$=121.46 τ=5.82 $\sigma_{ID,max}$=122.69 (sfrut=0.04)

- Verifica a taglio Dir. Z [4.2.16] - CC 17 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=282.72
  V,Ed=282.72 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.00

- Verifica in termini tensionali [4.2.4] - CC 28 SLU Xl=1.34 - Classe 3
  Sollecitazioni: N=37.41 T_z=336.78 M_y=-840.10 T_y=-242.56 M_z=-421.36 M_x=-65.90
  Tensioni: σ_N=0.61 $\sigma_{m,d}$=333.59 τ=11.17 σ_{max}=334.20 (sfrut=0.10)
  Tensioni: σ_N=0.61 $\sigma_{m,d}$=102.51 τ=23.50 τ_{max}=23.50 (sfrut=0.01)
  Tensioni: σ_N=0.61 $\sigma_{m,d}$=333.59 τ=11.17 $\sigma_{ID,max}$=334.76 (sfrut=0.10)

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 3
  Sollecitazioni: My,Ed=-840.10 Mz,Ed=-421.36 L=1.34
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=17.02 Ncr,y=4395360.00 λ^*_y=0.22 Curva a: Φ_y=0.53 χ_y=0.99
  λ_z=17.02 Ncr,z=4395360.00 λ^*_z=0.22 Curva a: Φ_z=0.53 χ_z=0.99
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.06+0.03=0.09
  Verifica ZZ: 0.00+0.05+0.03=0.08

Asta n. 204 (-23 -24) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 13 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=6.94 T_z=-167.13 M_y=-322.42 T_y=-74.96 M_z=146.49 M_x=3.18
  Tensioni: σ_N=0.11 $\sigma_{m,d}$=124.00 τ=0.54 σ_{max}=124.12 (sfrut=0.04)
  Tensioni: σ_N=0.11 $\sigma_{m,d}$=-35.64 τ=6.65 τ_{max}=6.65 (sfrut=0.00)
  Tensioni: σ_N=0.11 $\sigma_{m,d}$=124.00 τ=0.54 $\sigma_{ID,max}$=124.12 (sfrut=0.04)

- Verifica a taglio Dir. Z [4.2.16] - CC 17 SLU Xl=1.34 - Classe 1
  Sollecitazioni: T_z=-273.68
  V,Ed=-273.68 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.00

- Verifica in termini tensionali [4.2.4] - CC 28 SLU Xl=0.00 - Classe 3
  Sollecitazioni: N=37.41 T_z=-321.70 M_y=-840.12 T_y=201.30 M_z=-421.37 M_x=-65.90
  Tensioni: σ_N=0.61 $\sigma_{m,d}$=333.60 τ=11.17 σ_{max}=334.21 (sfrut=0.10)
  Tensioni: σ_N=0.61 $\sigma_{m,d}$=-102.52 τ=22.94 τ_{max}=22.94 (sfrut=0.01)
  Tensioni: σ_N=0.61 $\sigma_{m,d}$=333.60 τ=11.17 $\sigma_{ID,max}$=334.77 (sfrut=0.10)

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 3
  Sollecitazioni: My,Ed=-840.12 Mz,Ed=-421.37 L=1.34
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=17.02 Ncr,y=4395380.00 λ^*_y=0.22 Curva a: Φ_y=0.53 χ_y=0.99
  λ_z=17.02 Ncr,z=4395380.00 λ^*_z=0.22 Curva a: Φ_z=0.53 χ_z=0.99
  Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
  Verifica YY: 0.00+0.06+0.03=0.09
  Verifica ZZ: 0.00+0.05+0.03=0.08

Asta n. 204 (-24 -25) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 3 SND Xl=1.34 - Classe 3
  Sollecitazioni: N=-175.00 T_z=-655.82 M_y=917.83 T_y=-80.60 M_z=-81.33 M_x=-8.47
  Tensioni: σ_N=-2.85 $\sigma_{m,d}$=-264.23 τ=1.44 σ_{max}=-267.08 (sfrut=0.08)
  Tensioni: σ_N=-2.85 $\sigma_{m,d}$=-19.79 τ=25.43 τ_{max}=25.43 (sfrut=0.01)
  Tensioni: σ_N=-2.85 $\sigma_{m,d}$=-264.23 τ=1.44 $\sigma_{ID,max}$=267.09 (sfrut=0.08)

- Verifica a taglio Dir. Z [4.2.16] - CC 17 SLU Xl=1.34 - Classe 1
  Sollecitazioni: T_z=-746.35
  V,Ed=-746.35 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.01

- Verifica in termini tensionali [4.2.4] - CC 28 SLU Xl=1.34 - Classe 3
  Sollecitazioni: N=37.41 T_z=-1147.63 M_y=1121.92 T_y=645.17 M_z=708.94 M_x=-65.89
  Tensioni: σ_N=0.61 $\sigma_{m,d}$=484.17 τ=11.17 σ_{max}=484.78 (sfrut=0.14)

Tensioni: σ_N=0.61 $\sigma_{m,d}$=172.48 τ=53.17 τ_{max}=53.17 (sfrut=0.03)
Tensioni: σ_N=0.61 $\sigma_{m,d}$=484.17 τ=11.17 $\sigma_{ID,max}$=485.17 (sfrut=0.14)

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 3
Sollecitazioni: My,Ed=1121.92 Mz,Ed=708.94 L=1.34
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=17.02 Ncr,y=4395380.00 λ^*_y=0.22 Curva a: Φ_y=0.53 χ_y=0.99
λ_z=17.02 Ncr,z=4395380.00 λ^*_z=0.22 Curva a: Φ_z=0.53 χ_z=0.99
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.08+0.05=0.14
Verifica ZZ: 0.00+0.07+0.05=0.12

Asta n. 204 (-25 205) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.46 - Classe 3
Sollecitazioni: N=-308.52 T_z=-893.98 M_y=1291.70 T_y=88.16 M_z=123.03 M_x=17.57
Tensioni: σ_N=-5.02 $\sigma_{m,d}$=-374.13 τ=2.98 σ_{max}=-379.15 (sfrut=0.11)
Tensioni: σ_N=-5.02 $\sigma_{m,d}$=-29.93 τ=35.68 τ_{max}=35.68 (sfrut=0.02)
Tensioni: σ_N=-5.02 $\sigma_{m,d}$=-374.13 τ=2.98 $\sigma_{ID,max}$=379.18 (sfrut=0.11)

- Verifica a taglio Dir. Z [4.2.16] - CC 17 SLU Xl=0.46 - Classe 1
Sollecitazioni: T_z=-1164.04
V,Ed=-1164.04 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.02

- Verifica in termini tensionali [4.2.4] - CC 28 SLU Xl=0.46 - Classe 3
Sollecitazioni: N=37.41 T_z=-1834.87 M_y=1956.88 T_y=1089.03 M_z=1208.42 M_x=-65.89
Tensioni: σ_N=0.61 $\sigma_{m,d}$=837.07 τ=11.17 σ_{max}=837.67 (sfrut=0.25)
Tensioni: σ_N=0.61 $\sigma_{m,d}$=294.00 τ=78.32 τ_{max}=78.32 (sfrut=0.04)
Tensioni: σ_N=0.61 $\sigma_{m,d}$=837.07 τ=11.17 $\sigma_{ID,max}$=837.90 (sfrut=0.25)

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 3
Sollecitazioni: My,Ed=1956.88 Mz,Ed=1208.42 L=0.46
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=5.85 Ncr,y=37254500.00 λ^*_y=0.08 Curva a: Φ_y=0.00 χ_y=1.00
λ_z=5.85 Ncr,z=37254500.00 λ^*_z=0.08 Curva a: Φ_z=0.00 χ_z=1.00
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.15+0.09=0.24
Verifica ZZ: 0.00+0.12+0.09=0.21

Asta n. 205 (205 -26) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 7 SND Xl=0.00 - Classe 3
Sollecitazioni: N=-334.92 T_z=870.16 M_y=1335.56 T_y=125.54 M_z=-123.11 M_x=19.01
Tensioni: σ_N=-5.45 $\sigma_{m,d}$=-385.75 τ=3.22 σ_{max}=-391.20 (sfrut=0.12)
Tensioni: σ_N=-5.45 $\sigma_{m,d}$=-29.95 τ=35.05 τ_{max}=35.05 (sfrut=0.02)
Tensioni: σ_N=-5.45 $\sigma_{m,d}$=-385.75 τ=3.22 $\sigma_{ID,max}$=391.24 (sfrut=0.12)

- Verifica a taglio Dir. Z [4.2.16] - CC 17 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=1213.59
V,Ed=1213.59 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.02

- Verifica in termini tensionali [4.2.4] - CC 28 SLU Xl=0.00 - Classe 3
Sollecitazioni: N=-122.31 T_z=1897.42 M_y=2309.74 T_y=-1131.26 M_z=1209.30 M_x=37.00
Tensioni: σ_N=-1.99 $\sigma_{m,d}$=-930.61 τ=6.27 σ_{max}=-932.60 (sfrut=0.28)
Tensioni: σ_N=-1.99 $\sigma_{m,d}$=294.22 τ=75.71 τ_{max}=75.71 (sfrut=0.04)
Tensioni: σ_N=-1.99 $\sigma_{m,d}$=-930.61 τ=6.27 $\sigma_{ID,max}$=932.67 (sfrut=0.28)

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 3
Sollecitazioni: N,Ed=-122.31 My,Ed=2309.74 Mz,Ed=1209.30 L=0.88
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=11.17 Ncr,y=10197800.00 λ^*_y=0.15 Curva a: Φ_y=0.00 χ_y=1.00
λ_z=11.17 Ncr,z=10197800.00 λ^*_z=0.15 Curva a: Φ_z=0.00 χ_z=1.00
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.17+0.09=0.26
Verifica ZZ: 0.00+0.14+0.09=0.23

Asta n. 205 (-26 -27) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 7 SND Xl=0.00 - Classe 3
Sollecitazioni: N=-196.20 T_z=611.83 M_y=622.30 T_y=83.93 M_z=-34.81 M_x=9.69
Tensioni: σ_N=-3.19 $\sigma_{m,d}$=-173.77 τ=1.64 σ_{max}=-176.97 (sfrut=0.05)
Tensioni: σ_N=-3.19 $\sigma_{m,d}$=-8.47 τ=24.02 τ_{max}=24.02 (sfrut=0.01)
Tensioni: σ_N=-3.19 $\sigma_{m,d}$=-173.77 τ=1.64 $\sigma_{ID,max}$=176.99 (sfrut=0.05)

- Verifica a taglio e torsione Dir. Y [4.2.25] - CC 21 SLU Xl=0.12 - Classe 1
Sollecitazioni: T_y=975.74 M_x=-52.52
V,Ed=975.74 Vc,Rd,Red=59693.40 V,Ed/Vc,Rd,Red=0.02

- Verifica a taglio e torsione Dir. Z [4.2.25] - CC 21 SLU Xl=0.12 - Classe 1
Sollecitazioni: T_z=20.56 M_x=-52.52
V,Ed=20.56 Vc,Rd,Red=59693.40 V,Ed/Vc,Rd,Red=0.00

- Verifica in termini tensionali [4.2.4] - CC 28 SLU Xl=1.34 - Classe 3
Sollecitazioni: N=-122.31 T_z=1100.25 M_y=-854.73 T_y=-687.39 M_z=-700.37 M_x=37.00
Tensioni: σ_N=-1.99 $\sigma_{m,d}$=-411.25 τ=6.27 σ_{max}=-413.24 (sfrut=0.12)
Tensioni: σ_N=-1.99 $\sigma_{m,d}$=-170.40 τ=46.54 τ_{max}=46.54 (sfrut=0.02)
Tensioni: σ_N=-1.99 $\sigma_{m,d}$=-411.25 τ=6.27 $\sigma_{ID,max}$=413.38 (sfrut=0.12)

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 3
Sollecitazioni: N,Ed=-122.31 My,Ed=-854.73 Mz,Ed=-700.37 L=1.34
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=17.02 Ncr,y=4395360.00 λ^*_y=0.22 Curva a: Φ_y=0.53 χ_y=0.99
λ_z=17.02 Ncr,z=4395360.00 λ^*_z=0.22 Curva a: Φ_z=0.53 χ_z=0.99
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.06+0.05=0.12
Verifica ZZ: 0.00+0.05+0.05=0.10

Asta n. 205 (-27 -28) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 9 SND Xl=1.34 - Classe 3

Sollecitazioni: N=-33.20 T_z=75.14 M_y=-522.25 T_y=-85.39 M_z=-332.88
Tensioni: σ_N=-0.54 $\sigma_{m,d}$=-226.14 τ=0.00 σ_{max}=-226.68 (sfrut=0.07)
Tensioni: σ_N=-0.54 $\sigma_{m,d}$=-127.06 τ=3.13 τ_{max}=3.13 (sfrut=0.00)
Tensioni: σ_N=-0.54 $\sigma_{m,d}$=-226.14 τ=0.00 $\sigma_{ID,max}$=226.68 (sfrut=0.07)

- Verifica a taglio Dir. Z [4.2.16] - CC 17 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=297.01
V,Ed=297.01 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.00

- Verifica in termini tensionali [4.2.4] - CC 28 SLU Xl=1.34 - Classe 3
Sollecitazioni: N=-122.31 T_z=358.04 M_y=-1388.70 T_y=-243.53 M_z=-1025.55 M_x=37.00
Tensioni: σ_N=-1.99 $\sigma_{m,d}$=-638.45 τ=6.27 σ_{max}=-640.44 (sfrut=0.19)
Tensioni: σ_N=-1.99 $\sigma_{m,d}$=-249.51 τ=19.38 τ_{max}=19.38 (sfrut=0.01)
Tensioni: σ_N=-1.99 $\sigma_{m,d}$=-638.45 τ=6.27 $\sigma_{ID,max}$=640.53 (sfrut=0.19)

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 3
Sollecitazioni: N,Ed=-122.31 My,Ed=-1388.70 Mz,Ed=-1025.55 L=1.34
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_Y=17.02 Ncr,y=4395360.00 λ^*_y=0.22 Curva a: Φ_y=0.53 χ_y=0.99
λ_Z=17.02 Ncr,z=4395360.00 λ^*_z=0.22 Curva a: Φ_z=0.53 χ_z=0.99
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.10+0.08=0.18
Verifica ZZ: 0.00+0.08+0.08=0.16

Asta n. 205 (-28 -29) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 13 SND Xl=0.00 - Classe 3
Sollecitazioni: N=-76.52 T_z=-140.90 M_y=-531.57 T_y=-68.90 M_z=332.90 M_x=-31.74
Tensioni: σ_N=-1.25 $\sigma_{m,d}$=-228.61 τ=5.38 σ_{max}=-229.86 (sfrut=0.07)
Tensioni: σ_N=-1.25 $\sigma_{m,d}$=80.99 τ=10.54 τ_{max}=10.54 (sfrut=0.01)
Tensioni: σ_N=-1.25 $\sigma_{m,d}$=-228.61 τ=5.38 $\sigma_{ID,max}$=230.04 (sfrut=0.07)

- Verifica a taglio Dir. Z [4.2.16] - CC 17 SLU Xl=1.34 - Classe 1
Sollecitazioni: T_z=-259.38
V,Ed=-259.38 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.00

- Verifica in termini tensionali [4.2.4] - CC 28 SLU Xl=0.00 - Classe 3
Sollecitazioni: N=-122.31 T_z=-300.44 M_y=-1388.69 T_y=200.33 M_z=-1025.54 M_x=37.00
Tensioni: σ_N=-1.99 $\sigma_{m,d}$=-638.44 τ=6.27 σ_{max}=-640.43 (sfrut=0.19)
Tensioni: σ_N=-1.99 $\sigma_{m,d}$=249.51 τ=17.27 τ_{max}=17.27 (sfrut=0.01)
Tensioni: σ_N=-1.99 $\sigma_{m,d}$=-638.44 τ=6.27 $\sigma_{ID,max}$=640.53 (sfrut=0.19)

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 3
Sollecitazioni: N,Ed=-122.31 My,Ed=-1388.69 Mz,Ed=-1025.54 L=1.34
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_Y=17.02 Ncr,y=4395380.00 λ^*_y=0.22 Curva a: Φ_y=0.53 χ_y=0.99
λ_Z=17.02 Ncr,z=4395380.00 λ^*_z=0.22 Curva a: Φ_z=0.53 χ_z=0.99
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.10+0.08=0.18
Verifica ZZ: 0.00+0.08+0.08=0.16

Asta n. 205 (-29 -30) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 11 SND Xl=0.00 - Classe 3
Sollecitazioni: N=44.87 T_z=-332.81 M_y=-389.69 T_y=213.31 M_z=-247.42 M_x=62.81
Tensioni: σ_N=0.73 $\sigma_{m,d}$=168.49 τ=10.65 σ_{max}=169.22 (sfrut=0.05)
Tensioni: σ_N=0.73 $\sigma_{m,d}$=60.20 τ=22.83 τ_{max}=22.83 (sfrut=0.01)
Tensioni: σ_N=0.73 $\sigma_{m,d}$=168.49 τ=10.65 $\sigma_{ID,max}$=170.22 (sfrut=0.05)

- Verifica a taglio Dir. Z [4.2.16] - CC 17 SLU Xl=1.34 - Classe 1
Sollecitazioni: T_z=-732.05
V,Ed=-732.05 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.01

- Verifica in termini tensionali [4.2.4] - CC 28 SLU Xl=0.00 - Classe 3
Sollecitazioni: N=-122.31 T_z=-1042.65 M_y=-931.58 T_y=644.19 M_z=-758.02 M_x=37.01
Tensioni: σ_N=-1.99 $\sigma_{m,d}$=-446.81 τ=6.27 σ_{max}=-448.80 (sfrut=0.13)
Tensioni: σ_N=-1.99 $\sigma_{m,d}$=184.42 τ=44.43 τ_{max}=44.43 (sfrut=0.02)
Tensioni: σ_N=-1.99 $\sigma_{m,d}$=-446.81 τ=6.27 $\sigma_{ID,max}$=448.94 (sfrut=0.13)

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 3
Sollecitazioni: N,Ed=-122.31 My,Ed=-931.58 Mz,Ed=-758.02 L=1.34
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_Y=17.02 Ncr,y=4395380.00 λ^*_y=0.22 Curva a: Φ_y=0.53 χ_y=0.99
λ_Z=17.02 Ncr,z=4395380.00 λ^*_z=0.22 Curva a: Φ_z=0.53 χ_z=0.99
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.07+0.06=0.13
Verifica ZZ: 0.00+0.06+0.06=0.11

Asta n. 205 (-30 -31) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 3 SND Xl=0.88 - Classe 3
Sollecitazioni: N=-450.80 T_z=-847.63 M_y=1224.88 T_y=-120.61 M_z=-106.11 M_x=-28.64
Tensioni: σ_N=-7.34 $\sigma_{m,d}$=-351.98 τ=4.86 σ_{max}=-359.32 (sfrut=0.11)
Tensioni: σ_N=-7.34 $\sigma_{m,d}$=-25.82 τ=35.86 τ_{max}=35.86 (sfrut=0.02)
Tensioni: σ_N=-7.34 $\sigma_{m,d}$=-351.98 τ=4.86 $\sigma_{ID,max}$=359.42 (sfrut=0.11)

- Verifica a taglio Dir. Z [4.2.16] - CC 17 SLU Xl=0.88 - Classe 1
Sollecitazioni: T_z=-1176.29
V,Ed=-1176.29 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.02

- Verifica in termini tensionali [4.2.4] - CC 28 SLU Xl=0.88 - Classe 3
Sollecitazioni: N=-122.31 T_z=-1840.16 M_y=2115.20 T_y=1088.06 M_z=1061.84 M_x=37.01
Tensioni: σ_N=-1.99 $\sigma_{m,d}$=-840.17 τ=6.27 σ_{max}=-842.16 (sfrut=0.25)
Tensioni: σ_N=-1.99 $\sigma_{m,d}$=-258.34 τ=73.62 τ_{max}=73.62 (sfrut=0.04)
Tensioni: σ_N=-1.99 $\sigma_{m,d}$=-840.17 τ=6.27 $\sigma_{ID,max}$=842.23 (sfrut=0.25)

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 3
Sollecitazioni: N,Ed=-122.31 My,Ed=2115.20 Mz,Ed=1061.84 L=0.88
αmy, αmz, αLT=0.95, 0.95, 0.95

λ_y=11.24 Ncr,y=10074800.00 λ^*_y=0.15 Curva a: Φ_y=0.00 χ_y=1.00
λ_z=11.24 Ncr,z=10074800.00 λ^*_z=0.15 Curva a: Φ_z=0.00 χ_z=1.00
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.16+0.08=0.24
Verifica ZZ: 0.00+0.13+0.08=0.21

Asta n. 206 (-31 -32) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 5 SND Xl=0.00 - Classe 3
Sollecitazioni: N=-202.92 T_z=913.19 M_y=1271.23 T_y=-62.72 M_z=105.97 M_x=-15.09
Tensioni: σ_N=-3.30 $\sigma_{m,d}$=-364.20 τ=2.56 σ_{max}=-367.50 (sfrut=0.11)
Tensioni: σ_N=-3.30 $\sigma_{m,d}$=-25.78 τ=35.96 τ_{max}=35.96 (sfrut=0.02)
Tensioni: σ_N=-3.30 $\sigma_{m,d}$=-364.20 τ=2.56 $\sigma_{ID,max}$=367.53 (sfrut=0.11)

- Verifica a taglio Dir. Z [4.2.16] - CC 17 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=988.57
V,Ed=988.57 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.02

- Verifica in termini tensionali [4.2.4] - CC 28 SLU Xl=0.00 - Classe 3
Sollecitazioni: N=129.33 T_z=1567.87 M_y=1559.12 T_y=-950.22 M_z=1060.45 M_x=126.11
Tensioni: σ_N=2.11 $\sigma_{m,d}$=692.75 τ=21.38 σ_{max}=694.85 (sfrut=0.21)
Tensioni: σ_N=2.11 $\sigma_{m,d}$=258.00 τ=78.76 τ_{max}=78.76 (sfrut=0.04)
Tensioni: σ_N=2.11 $\sigma_{m,d}$=692.75 τ=21.38 $\sigma_{ID,max}$=695.84 (sfrut=0.21)

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 3
Sollecitazioni: My,Ed=1559.12 Mz,Ed=1060.45 L=0.45
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=5.78 Ncr,y=38136200.00 λ^*_y=0.08 Curva a: Φ_y=0.00 χ_y=1.00
λ_z=5.78 Ncr,z=38136200.00 λ^*_z=0.08 Curva a: Φ_z=0.00 χ_z=1.00
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.12+0.08=0.19
Verifica ZZ: 0.00+0.09+0.08=0.17

Asta n. 206 (-32 -33) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 7 SND Xl=0.00 - Classe 3
Sollecitazioni: N=-69.46 T_z=675.28 M_y=893.31 T_y=70.34 M_z=-69.61 M_x=-7.91
Tensioni: σ_N=-1.13 $\sigma_{m,d}$=-254.65 τ=1.34 σ_{max}=-255.78 (sfrut=0.08)
Tensioni: σ_N=-1.13 $\sigma_{m,d}$=16.93 τ=26.04 τ_{max}=26.04 (sfrut=0.01)
Tensioni: σ_N=-1.13 $\sigma_{m,d}$=-254.65 τ=1.34 $\sigma_{ID,max}$=255.79 (sfrut=0.08)

- Verifica a taglio e torsione Dir. Y [4.2.25] - CC 21 SLU Xl=0.97 - Classe 1
Sollecitazioni: T_y=718.75 M_x=-179.02
V,Ed=718.75 Vc,Rd,Red=59034.60 V,Ed/Vc,Rd,Red=0.01

- Verifica a taglio e torsione Dir. Z [4.2.25] - CC 21 SLU Xl=0.97 - Classe 1
Sollecitazioni: T_z=-44.09 M_x=-179.02
V,Ed=-44.09 Vc,Rd,Red=59034.60 V,Ed/Vc,Rd,Red=0.00

- Verifica in termini tensionali [4.2.4] - CC 28 SLU Xl=0.00 - Classe 3
Sollecitazioni: N=129.33 T_z=880.97 M_y=854.85 T_y=-506.36 M_z=629.72 M_x=126.12
Tensioni: σ_N=2.11 $\sigma_{m,d}$=392.59 τ=21.38 σ_{max}=394.70 (sfrut=0.12)
Tensioni: σ_N=2.11 $\sigma_{m,d}$=153.21 τ=53.62 τ_{max}=53.62 (sfrut=0.03)
Tensioni: σ_N=2.11 $\sigma_{m,d}$=392.59 τ=21.38 $\sigma_{ID,max}$=396.43 (sfrut=0.12)

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 3
Sollecitazioni: My,Ed=854.85 Mz,Ed=629.72 L=1.34
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=17.02 Ncr,y=4395360.00 λ^*_y=0.22 Curva a: Φ_y=0.53 χ_y=0.99
λ_z=17.02 Ncr,z=4395360.00 λ^*_z=0.22 Curva a: Φ_z=0.53 χ_z=0.99
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.06+0.05=0.11
Verifica ZZ: 0.00+0.05+0.05=0.10

Asta n. 206 (-33 -34) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 7 SND Xl=1.34 - Classe 3
Sollecitazioni: N=74.96 T_z=330.43 M_y=-418.62 T_y=27.02 M_z=38.65 M_x=-17.23
Tensioni: σ_N=1.22 $\sigma_{m,d}$=120.92 τ=2.92 σ_{max}=122.14 (sfrut=0.04)
Tensioni: σ_N=1.22 $\sigma_{m,d}$=-9.40 τ=15.01 τ_{max}=15.01 (sfrut=0.01)
Tensioni: σ_N=1.22 $\sigma_{m,d}$=120.92 τ=2.92 $\sigma_{ID,max}$=122.25 (sfrut=0.04)

- Verifica a taglio e torsione Dir. Y [4.2.25] - CC 15 SND Xl=0.00 - Classe 1
Sollecitazioni: T_y=17.78 M_x=-36.71
V,Ed=17.78 Vc,Rd,Red=59775.80 V,Ed/Vc,Rd,Red=0.00

- Verifica a taglio e torsione Dir. Z [4.2.25] - CC 15 SND Xl=0.00 - Classe 1
Sollecitazioni: T_z=162.82 M_x=-36.71
V,Ed=162.82 Vc,Rd,Red=59775.80 V,Ed/Vc,Rd,Red=0.00

- Verifica in termini tensionali [4.2.4] - CC 28 SLU Xl=1.34 - Classe 3
Sollecitazioni: N=129.33 T_z=55.03 M_y=-395.08 T_y=-62.49 M_z=-129.92 M_x=126.12
Tensioni: σ_N=2.11 $\sigma_{m,d}$=138.84 τ=21.38 σ_{max}=140.94 (sfrut=0.04)
Tensioni: σ_N=2.11 $\sigma_{m,d}$=-96.12 τ=23.67 τ_{max}=23.67 (sfrut=0.01)
Tensioni: σ_N=2.11 $\sigma_{m,d}$=138.84 τ=21.38 $\sigma_{ID,max}$=145.73 (sfrut=0.04)

Asta n. 206 (-34 -35) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 3 SND Xl=1.34 - Classe 3
Sollecitazioni: N=-99.91 T_z=-612.90 M_y=891.36 T_y=-63.97 M_z=-94.96 M_x=-12.88
Tensioni: σ_N=-1.63 $\sigma_{m,d}$=-260.83 τ=2.18 σ_{max}=-262.46 (sfrut=0.08)
Tensioni: σ_N=-1.63 $\sigma_{m,d}$=-23.10 τ=24.60 τ_{max}=24.60 (sfrut=0.01)
Tensioni: σ_N=-1.63 $\sigma_{m,d}$=-260.83 τ=2.18 $\sigma_{ID,max}$=262.49 (sfrut=0.08)

- Verifica a taglio e torsione Dir. Y [4.2.25] - CC 1 SND Xl=1.09 - Classe 1
Sollecitazioni: T_y=16.31 M_x=26.56
V,Ed=16.31 Vc,Rd,Red=59828.70 V,Ed/Vc,Rd,Red=0.00

- Verifica a taglio e torsione Dir. Z [4.2.25] - CC 1 SND Xl=1.09 - Classe 1
Sollecitazioni: T_z=-601.19 M_x=26.56

V,Ed=-601.19 Vc,Rd,Red=59828.70 V,Ed/Vc,Rd,Red=0.01

- Verifica in termini tensionali [4.2.4] - CC 28 SLU Xl=1.34 - Classe 3
Sollecitazioni: N=129.33 T_z=-687.17 M_y=466.62 T_y=381.37 M_z=379.34 M_x=126.12
Tensioni: σ_N=2.11 $\sigma_{m,d}$=223.72 τ=21.38 σ_{max}=225.82 (sfrut=0.07)
Tensioni: σ_N=2.11 $\sigma_{m,d}$=-92.29 τ=46.52 τ_{max}=46.52 (sfrut=0.02)
Tensioni: σ_N=2.11 $\sigma_{m,d}$=223.72 τ=21.38 $\sigma_{ID,max}$=228.84 (sfrut=0.07)

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 3 SND - Classe 3
Sollecitazioni: N,Ed=-99.91 My,Ed=891.36 Mz,Ed=-94.96 L=1.34
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=17.02 Ncr,y=4395360.00 λ^*_y=0.22 Curva a: Φ_y=0.53 χ_y=0.99
λ_z=17.02 Ncr,z=4395360.00 λ^*_z=0.22 Curva a: Φ_z=0.53 χ_z=0.99
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.07+0.01=0.07
Verifica ZZ: 0.00+0.05+0.01=0.06

Asta n. 206 (-35 -36) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 3 SND Xl=0.54 - Classe 3
Sollecitazioni: N=-234.46 T_z=-855.02 M_y=1315.50 T_y=-104.33 M_z=-129.61 M_x=-22.20
Tensioni: σ_N=-3.82 $\sigma_{m,d}$=-382.16 τ=3.76 σ_{max}=-385.98 (sfrut=0.11)
Tensioni: σ_N=-3.82 $\sigma_{m,d}$=-31.53 τ=35.04 τ_{max}=35.04 (sfrut=0.02)
Tensioni: σ_N=-3.82 $\sigma_{m,d}$=-382.16 τ=3.76 $\sigma_{ID,max}$=386.03 (sfrut=0.11)

- Verifica a taglio Dir. Z [4.2.16] - CC 17 SLU Xl=0.54 - Classe 1
Sollecitazioni: T_z=-880.69
V,Ed=-880.69 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.01

- Verifica in termini tensionali [4.2.4] - CC 28 SLU Xl=0.54 - Classe 3
Sollecitazioni: N=129.33 T_z=-1379.55 M_y=1203.31 T_y=825.23 M_z=825.51 M_x=126.12
Tensioni: σ_N=2.11 $\sigma_{m,d}$=536.52 τ=21.38 σ_{max}=538.63 (sfrut=0.16)
Tensioni: σ_N=2.11 $\sigma_{m,d}$=-200.84 τ=71.86 τ_{max}=71.86 (sfrut=0.04)
Tensioni: σ_N=2.11 $\sigma_{m,d}$=536.52 τ=21.38 $\sigma_{ID,max}$=539.90 (sfrut=0.16)

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 3
Sollecitazioni: My,Ed=1203.31 Mz,Ed=825.51 L=0.54
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=6.89 Ncr,y=26811000.00 λ^*_y=0.09 Curva a: Φ_y=0.00 χ_y=1.00
λ_z=6.89 Ncr,z=26811000.00 λ^*_z=0.09 Curva a: Φ_z=0.00 χ_z=1.00
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.09+0.06=0.15
Verifica ZZ: 0.00+0.07+0.06=0.13

Asta n. 206 (-36 -37) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 13 SND Xl=0.00 - Classe 3
Sollecitazioni: N=69.78 T_z=470.88 M_y=620.63 T_y=232.61 M_z=-322.47 M_x=51.80
Tensioni: σ_N=1.14 $\sigma_{m,d}$=249.40 τ=8.78 σ_{max}=250.54 (sfrut=0.07)
Tensioni: σ_N=1.14 $\sigma_{m,d}$=-78.45 τ=26.01 τ_{max}=26.01 (sfrut=0.01)
Tensioni: σ_N=1.14 $\sigma_{m,d}$=249.40 τ=8.78 $\sigma_{ID,max}$=251.00 (sfrut=0.07)

- Verifica a taglio Dir. Z [4.2.16] - CC 17 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=774.27
V,Ed=774.27 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.01

- Verifica in termini tensionali [4.2.4] - CC 28 SLU Xl=0.00 - Classe 3
Sollecitazioni: T_z=1178.58 M_y=1488.88 T_y=-665.79 M_z=825.45
Tensioni: σ_N=0.00 $\sigma_{m,d}$=-612.03 τ=0.00 σ_{max}=-612.03 (sfrut=0.18)
Tensioni: σ_N=0.00 $\sigma_{m,d}$=200.83 τ=43.13 τ_{max}=43.13 (sfrut=0.02)
Tensioni: σ_N=0.00 $\sigma_{m,d}$=-612.03 τ=0.00 $\sigma_{ID,max}$=612.03 (sfrut=0.18)

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 3
Sollecitazioni: My,Ed=1488.88 Mz,Ed=825.45 L=0.79
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=10.13 Ncr,y=12411000.00 λ^*_y=0.13 Curva a: Φ_y=0.00 χ_y=1.00
λ_z=10.13 Ncr,z=12411000.00 λ^*_z=0.13 Curva a: Φ_z=0.00 χ_z=1.00
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.11+0.06=0.17
Verifica ZZ: 0.00+0.09+0.06=0.15

Asta n. 206 (-37 -38) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica in termini tensionali [4.2.4] - CC 13 SND Xl=0.00 - Classe 3
Sollecitazioni: N=28.47 T_z=216.51 M_y=252.33 T_y=94.91 M_z=-131.09 M_x=20.73
Tensioni: σ_N=0.46 $\sigma_{m,d}$=101.39 τ=3.51 σ_{max}=101.86 (sfrut=0.03)
Tensioni: σ_N=0.46 $\sigma_{m,d}$=-31.89 τ=11.44 τ_{max}=11.44 (sfrut=0.01)
Tensioni: σ_N=0.46 $\sigma_{m,d}$=101.39 τ=3.51 $\sigma_{ID,max}$=102.04 (sfrut=0.03)

- Verifica a taglio Dir. Y [4.2.16] - CC 28 SLU Xl=1.34
Sollecitazioni: T_y=-221.93
V,Ed=-221.93 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.00

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=1.34
Sollecitazioni: T_z=386.55
V,Ed=386.55 Vc,Rd=59967.00 V,Ed/Vc,Rd=0.01

- Verifica in termini tensionali [4.2.4] - CC 28 SLU Xl=0.00 - Classe 3
Sollecitazioni: T_z=470.27 M_y=572.06 T_y=-221.93 M_z=296.35
Tensioni: σ_N=0.00 $\sigma_{m,d}$=-229.65 τ=0.00 σ_{max}=-229.65 (sfrut=0.07)
Tensioni: σ_N=0.00 $\sigma_{m,d}$=72.10 τ=17.21 τ_{max}=17.21 (sfrut=0.01)
Tensioni: σ_N=0.00 $\sigma_{m,d}$=-229.65 τ=0.00 $\sigma_{ID,max}$=229.65 (sfrut=0.07)

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 3
Sollecitazioni: My,Ed=572.06 Mz,Ed=296.35 L=1.34
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=17.02 Ncr,y=4395390.00 λ^*_y=0.22 Curva a: Φ_y=0.53 χ_y=0.99
λ_z=17.02 Ncr,z=4395390.00 λ^*_z=0.22 Curva a: Φ_z=0.53 χ_z=0.99
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.04+0.02=0.06

Verifica ZZ: 0.00+0.03+0.02=0.06

Asta n. 301 (-3 -60) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
Sollecitazioni: N=59.85 T_z=47.12 M_y=43.09 T_y=-14.22 M_z=21.33
Tensioni: σ_N=1.60 $\sigma_{m,d}$=46.78 τ=0.00 σ_{max}=48.38 (sfrut=0.01)
Tensioni: σ_N=1.60 $\sigma_{m,d}$=15.23 τ=2.42 τ_{max}=2.42 (sfrut=0.00)
Tensioni: σ_N=1.60 $\sigma_{m,d}$=46.78 τ=0.00 $\sigma_{ID,max}$=48.38 (sfrut=0.01)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=201.76
V,Ed=201.76 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.00

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=0.00 - Classe 1
Sollecitazioni: N=94.68 T_z=201.76 M_y=198.62
My,Ed=198.62 My,V,c,Rd=6269.10
N,Ed=94.68 Nc,Rd=126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.03

Asta n. 301 (-59 -3) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
Sollecitazioni: N=-56.95 T_z=-51.26 M_y=49.31 T_y=31.09 M_z=46.64
Tensioni: σ_N=-1.52 $\sigma_{m,d}$=-72.43 τ=0.00 σ_{max}=-73.95 (sfrut=0.02)
Tensioni: σ_N=-1.52 $\sigma_{m,d}$=33.30 τ=2.64 τ_{max}=2.64 (sfrut=0.00)
Tensioni: σ_N=-1.52 $\sigma_{m,d}$=-72.43 τ=0.00 $\sigma_{ID,max}$=73.95 (sfrut=0.02)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-201.76
V,Ed=-201.76 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.00

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=1.50 - Classe 1
Sollecitazioni: N=-94.68 T_z=-201.76 M_y=198.62
My,Ed=198.62 My,V,c,Rd=6269.10
N,Ed=-94.68 Nc,Rd=-126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.03

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
Sollecitazioni: N,Ed=-94.68 My,Ed=198.62 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_Y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_Z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
Verifica YY: 0.00+0.03=0.03
Verifica ZZ: 0.00=0.00

Asta n. 302 (-4 -47) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
Sollecitazioni: N=84.82 T_z=67.20 M_y=64.60 T_y=-21.32 M_z=31.97
Tensioni: σ_N=2.27 $\sigma_{m,d}$=70.12 τ=0.00 σ_{max}=72.39 (sfrut=0.02)
Tensioni: σ_N=2.27 $\sigma_{m,d}$=22.83 τ=3.45 τ_{max}=3.45 (sfrut=0.00)
Tensioni: σ_N=2.27 $\sigma_{m,d}$=70.12 τ=0.00 $\sigma_{ID,max}$=72.39 (sfrut=0.02)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=370.64
V,Ed=370.64 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=0.00 - Classe 1
Sollecitazioni: N=142.40 T_z=370.64 M_y=372.58
My,Ed=372.58 My,V,c,Rd=6269.10
N,Ed=142.40 Nc,Rd=126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

Asta n. 302 (-46 -4) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
Sollecitazioni: N=-80.47 T_z=-73.41 M_y=73.92 T_y=46.60 M_z=69.91
Tensioni: σ_N=-2.15 $\sigma_{m,d}$=-108.57 τ=0.00 σ_{max}=-110.72 (sfrut=0.03)
Tensioni: σ_N=-2.15 $\sigma_{m,d}$=49.92 τ=3.78 τ_{max}=3.78 (sfrut=0.00)
Tensioni: σ_N=-2.15 $\sigma_{m,d}$=-108.57 τ=0.00 $\sigma_{ID,max}$=110.72 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-370.64
V,Ed=-370.64 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=1.50 - Classe 1
Sollecitazioni: N=-142.40 T_z=-370.64 M_y=372.58
My,Ed=372.58 My,V,c,Rd=6269.10
N,Ed=-142.40 Nc,Rd=-126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
Sollecitazioni: N,Ed=-142.40 My,Ed=372.58 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_Y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_Z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
Verifica YY: 0.00+0.06=0.06
Verifica ZZ: 0.00=0.00

Asta n. 303 (-6 -48) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
Sollecitazioni: N=84.82 T_z=67.20 M_y=64.60 T_y=-21.32 M_z=31.97
Tensioni: σ_N=2.27 $\sigma_{m,d}$=70.12 τ=0.00 σ_{max}=72.39 (sfrut=0.02)
Tensioni: σ_N=2.27 $\sigma_{m,d}$=22.83 τ=3.45 τ_{max}=3.45 (sfrut=0.00)
Tensioni: σ_N=2.27 $\sigma_{m,d}$=70.12 τ=0.00 $\sigma_{ID,max}$=72.39 (sfrut=0.02)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=370.64
V,Ed=370.64 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=0.00 - Classe 1

Sollecitazioni: N=142.40 T_z=370.64 M_y=372.58
My,Ed=372.58 My,V,c,Rd=6269.10
N,Ed=142.40 Nc,Rd=126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

Asta n. 303 (-49 -6) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
  Sollecitazioni: N=-80.47 T_z=-73.41 M_y=73.92 T_y=46.60 M_z=69.91
  Tensioni: σ_N=-2.15 $\sigma_{m,d}$=-108.57 τ=0.00 σ_{max}=-110.72 (sfrut=0.03)
  Tensioni: σ_N=-2.15 $\sigma_{m,d}$=49.92 τ=3.78 τ_{max}=3.78 (sfrut=0.00)
  Tensioni: σ_N=-2.15 $\sigma_{m,d}$=-108.57 τ=0.00 $\sigma_{ID,max}$=110.72 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=1.50 - Classe 1
  Sollecitazioni: T_z=-370.64
  V,Ed=-370.64 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=1.50 - Classe 1
  Sollecitazioni: N=-142.40 T_z=-370.64 M_y=372.58
  My,Ed=372.58 My,V,c,Rd=6269.10
  N,Ed=-142.40 Nc,Rd=-126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
  Sollecitazioni: N,Ed=-142.40 My,Ed=372.58 L=1.50
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_Y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
  λ_Z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
  Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
  Verifica YY: 0.00+0.06=0.06
  Verifica ZZ: 0.00=0.00

Asta n. 304 (-7 -96) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=84.82 T_z=67.20 M_y=64.60 T_y=-21.32 M_z=31.97
  Tensioni: σ_N=2.27 $\sigma_{m,d}$=70.12 τ=0.00 σ_{max}=72.39 (sfrut=0.02)
  Tensioni: σ_N=2.27 $\sigma_{m,d}$=22.83 τ=3.45 τ_{max}=3.45 (sfrut=0.00)
  Tensioni: σ_N=2.27 $\sigma_{m,d}$=70.12 τ=0.00 $\sigma_{ID,max}$=72.39 (sfrut=0.02)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=370.64
  V,Ed=370.64 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=0.00 - Classe 1
  Sollecitazioni: N=142.40 T_z=370.64 M_y=372.58
  My,Ed=372.58 My,V,c,Rd=6269.10
  N,Ed=142.40 Nc,Rd=126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

Asta n. 304 (-95 -7) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
  Sollecitazioni: N=-80.47 T_z=-73.41 M_y=73.92 T_y=46.60 M_z=69.91
  Tensioni: σ_N=-2.15 $\sigma_{m,d}$=-108.57 τ=0.00 σ_{max}=-110.72 (sfrut=0.03)
  Tensioni: σ_N=-2.15 $\sigma_{m,d}$=49.92 τ=3.78 τ_{max}=3.78 (sfrut=0.00)
  Tensioni: σ_N=-2.15 $\sigma_{m,d}$=-108.57 τ=0.00 $\sigma_{ID,max}$=110.72 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=1.50 - Classe 1
  Sollecitazioni: T_z=-370.64
  V,Ed=-370.64 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=1.50 - Classe 1
  Sollecitazioni: N=-142.40 T_z=-370.64 M_y=372.58
  My,Ed=372.58 My,V,c,Rd=6269.10
  N,Ed=-142.40 Nc,Rd=-126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
  Sollecitazioni: N,Ed=-142.40 My,Ed=372.58 L=1.50
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_Y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
  λ_Z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
  Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
  Verifica YY: 0.00+0.06=0.06
  Verifica ZZ: 0.00=0.00

Asta n. 305 (-8 -66) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=84.82 T_z=67.20 M_y=64.60 T_y=-21.32 M_z=31.97
  Tensioni: σ_N=2.27 $\sigma_{m,d}$=70.12 τ=0.00 σ_{max}=72.39 (sfrut=0.02)
  Tensioni: σ_N=2.27 $\sigma_{m,d}$=22.83 τ=3.45 τ_{max}=3.45 (sfrut=0.00)
  Tensioni: σ_N=2.27 $\sigma_{m,d}$=70.12 τ=0.00 $\sigma_{ID,max}$=72.39 (sfrut=0.02)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=370.64
  V,Ed=370.64 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=0.00 - Classe 1
  Sollecitazioni: N=142.40 T_z=370.64 M_y=372.58
  My,Ed=372.58 My,V,c,Rd=6269.10
  N,Ed=142.40 Nc,Rd=126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

Asta n. 305 (-67 -8) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
  Sollecitazioni: N=-80.47 T_z=-73.41 M_y=73.92 T_y=46.60 M_z=69.91
  Tensioni: σ_N=-2.15 $\sigma_{m,d}$=-108.57 τ=0.00 σ_{max}=-110.72 (sfrut=0.03)
  Tensioni: σ_N=-2.15 $\sigma_{m,d}$=49.92 τ=3.78 τ_{max}=3.78 (sfrut=0.00)
  Tensioni: σ_N=-2.15 $\sigma_{m,d}$=-108.57 τ=0.00 $\sigma_{ID,max}$=110.72 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=1.50 - Classe 1
  Sollecitazioni: T_z=-370.64
  V,Ed=-370.64 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=1.50 - Classe 1
  Sollecitazioni: N=-142.40 T_z=-370.64 M_y=372.58
  My,Ed=372.58 My,V,c,Rd=6269.10
  N,Ed=-142.40 Nc,Rd=-126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
  Sollecitazioni: N,Ed=-142.40 My,Ed=372.58 L=1.50
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
  λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
  Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
  Verifica YY: 0.00+0.06=0.06
  Verifica ZZ: 0.00=0.00

Asta n. 306 (-9 -69) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=84.82 T_z=67.20 M_y=64.60 T_y=-21.32 M_z=31.97
  Tensioni: σ_N=2.27 $\sigma_{m,d}$=70.12 τ=0.00 σ_{max}=72.39 (sfrut=0.02)
  Tensioni: σ_N=2.27 $\sigma_{m,d}$=22.83 τ=3.45 τ_{max}=3.45 (sfrut=0.00)
  Tensioni: σ_N=2.27 $\sigma_{m,d}$=70.12 τ=0.00 $\sigma_{ID,max}$=72.39 (sfrut=0.02)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=370.64
  V,Ed=370.64 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=0.00 - Classe 1
  Sollecitazioni: N=142.40 T_z=370.64 M_y=372.58
  My,Ed=372.58 My,V,c,Rd=6269.10
  N,Ed=142.40 Nc,Rd=126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

Asta n. 306 (-68 -9) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
  Sollecitazioni: N=-80.47 T_z=-73.41 M_y=73.92 T_y=46.60 M_z=69.91
  Tensioni: σ_N=-2.15 $\sigma_{m,d}$=-108.57 τ=0.00 σ_{max}=-110.72 (sfrut=0.03)
  Tensioni: σ_N=-2.15 $\sigma_{m,d}$=49.92 τ=3.78 τ_{max}=3.78 (sfrut=0.00)
  Tensioni: σ_N=-2.15 $\sigma_{m,d}$=-108.57 τ=0.00 $\sigma_{ID,max}$=110.72 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=1.50 - Classe 1
  Sollecitazioni: T_z=-370.64
  V,Ed=-370.64 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=1.50 - Classe 1
  Sollecitazioni: N=-142.40 T_z=-370.64 M_y=372.58
  My,Ed=372.58 My,V,c,Rd=6269.10
  N,Ed=-142.40 Nc,Rd=-126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
  Sollecitazioni: N,Ed=-142.40 My,Ed=372.58 L=1.50
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
  λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
  Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
  Verifica YY: 0.00+0.06=0.06
  Verifica ZZ: 0.00=0.00

Asta n. 307 (-11 -70) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=84.82 T_z=67.20 M_y=64.60 T_y=-21.32 M_z=31.97
  Tensioni: σ_N=2.27 $\sigma_{m,d}$=70.12 τ=0.00 σ_{max}=72.39 (sfrut=0.02)
  Tensioni: σ_N=2.27 $\sigma_{m,d}$=22.83 τ=3.45 τ_{max}=3.45 (sfrut=0.00)
  Tensioni: σ_N=2.27 $\sigma_{m,d}$=70.12 τ=0.00 $\sigma_{ID,max}$=72.39 (sfrut=0.02)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=370.64
  V,Ed=370.64 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=0.00 - Classe 1
  Sollecitazioni: N=142.40 T_z=370.64 M_y=372.58
  My,Ed=372.58 My,V,c,Rd=6269.10
  N,Ed=142.40 Nc,Rd=126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

Asta n. 307 (-71 -11) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
  Sollecitazioni: N=-80.47 T_z=-73.41 M_y=73.92 T_y=46.60 M_z=69.91
  Tensioni: σ_N=-2.15 $\sigma_{m,d}$=-108.57 τ=0.00 σ_{max}=-110.72 (sfrut=0.03)
  Tensioni: σ_N=-2.15 $\sigma_{m,d}$=49.92 τ=3.78 τ_{max}=3.78 (sfrut=0.00)
  Tensioni: σ_N=-2.15 $\sigma_{m,d}$=-108.57 τ=0.00 $\sigma_{ID,max}$=110.72 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=1.50 - Classe 1
  Sollecitazioni: T_z=-370.64
  V,Ed=-370.64 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=1.50 - Classe 1
  Sollecitazioni: N=-142.40 T_z=-370.64 M_y=372.58
  My,Ed=372.58 My,V,c,Rd=6269.10
  N,Ed=-142.40 Nc,Rd=-126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
  Sollecitazioni: N,Ed=-142.40 My,Ed=372.58 L=1.50
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
  λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
  Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
  Verifica YY: 0.00+0.06=0.06
  Verifica ZZ: 0.00=0.00

Asta n. 308 (-12 -72) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=84.82 T_z=67.20 M_y=64.60 T_y=-21.32 M_z=31.97
  Tensioni: σ_N=2.27 $\sigma_{m,d}$=70.12 τ=0.00 σ_{max}=72.39 (sfrut=0.02)
  Tensioni: σ_N=2.27 $\sigma_{m,d}$=22.83 τ=3.45 τ_{max}=3.45 (sfrut=0.00)
  Tensioni: σ_N=2.27 $\sigma_{m,d}$=70.12 τ=0.00 $\sigma_{ID,max}$=72.39 (sfrut=0.02)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=370.64
  V,Ed=370.64 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=0.00 - Classe 1
  Sollecitazioni: N=142.40 T_z=370.64 M_y=372.58
  My,Ed=372.58 My,V,c,Rd=6269.10
  N,Ed=142.40 Nc,Rd=126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

Asta n. 308 (-73 -12) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
  Sollecitazioni: N=-80.47 T_z=-73.41 M_y=73.92 T_y=46.60 M_z=69.91
  Tensioni: σ_N=-2.15 $\sigma_{m,d}$=-108.57 τ=0.00 σ_{max}=-110.72 (sfrut=0.03)
  Tensioni: σ_N=-2.15 $\sigma_{m,d}$=49.92 τ=3.78 τ_{max}=3.78 (sfrut=0.00)
  Tensioni: σ_N=-2.15 $\sigma_{m,d}$=-108.57 τ=0.00 $\sigma_{ID,max}$=110.72 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=1.50 - Classe 1
  Sollecitazioni: T_z=-370.64
  V,Ed=-370.64 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=1.50 - Classe 1
  Sollecitazioni: N=-142.40 T_z=-370.64 M_y=372.58
  My,Ed=372.58 My,V,c,Rd=6269.10
  N,Ed=-142.40 Nc,Rd=-126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
  Sollecitazioni: N,Ed=-142.40 My,Ed=372.58 L=1.50
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
  λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
  Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
  Verifica YY: 0.00+0.06=0.06
  Verifica ZZ: 0.00=0.00

Asta n. 309 (-13 -74) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=84.82 T_z=67.20 M_y=64.60 T_y=-21.32 M_z=31.97
  Tensioni: σ_N=2.27 $\sigma_{m,d}$=70.12 τ=0.00 σ_{max}=72.39 (sfrut=0.02)
  Tensioni: σ_N=2.27 $\sigma_{m,d}$=22.83 τ=3.45 τ_{max}=3.45 (sfrut=0.00)
  Tensioni: σ_N=2.27 $\sigma_{m,d}$=70.12 τ=0.00 $\sigma_{ID,max}$=72.39 (sfrut=0.02)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=370.64
  V,Ed=370.64 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=0.00 - Classe 1
  Sollecitazioni: N=142.40 T_z=370.64 M_y=372.58
  My,Ed=372.58 My,V,c,Rd=6269.10
  N,Ed=142.40 Nc,Rd=126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

Asta n. 309 (-75 -13) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
  Sollecitazioni: N=-80.47 T_z=-73.41 M_y=73.92 T_y=46.60 M_z=69.91
  Tensioni: σ_N=-2.15 $\sigma_{m,d}$=-108.57 τ=0.00 σ_{max}=-110.72 (sfrut=0.03)
  Tensioni: σ_N=-2.15 $\sigma_{m,d}$=49.92 τ=3.78 τ_{max}=3.78 (sfrut=0.00)
  Tensioni: σ_N=-2.15 $\sigma_{m,d}$=-108.57 τ=0.00 $\sigma_{ID,max}$=110.72 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=1.50 - Classe 1
  Sollecitazioni: T_z=-370.64
  V,Ed=-370.64 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=1.50 - Classe 1
  Sollecitazioni: N=-142.40 T_z=-370.64 M_y=372.58
  My,Ed=372.58 My,V,c,Rd=6269.10
  N,Ed=-142.40 Nc,Rd=-126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
  Sollecitazioni: N,Ed=-142.40 My,Ed=372.58 L=1.50
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
  λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
  Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
  Verifica YY: 0.00+0.06=0.06
  Verifica ZZ: 0.00=0.00

Asta n. 310 (-14 -90) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=84.82 T_z=67.20 M_y=64.60 T_y=-21.32 M_z=31.97
  Tensioni: σ_N=2.27 $\sigma_{m,d}$=70.12 τ=0.00 σ_{max}=72.39 (sfrut=0.02)
  Tensioni: σ_N=2.27 $\sigma_{m,d}$=22.83 τ=3.45 τ_{max}=3.45 (sfrut=0.00)
  Tensioni: σ_N=2.27 $\sigma_{m,d}$=70.12 τ=0.00 $\sigma_{ID,max}$=72.39 (sfrut=0.02)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=370.64
  V,Ed=370.64 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=0.00 - Classe 1
  Sollecitazioni: N=142.40 T_z=370.64 M_y=372.58
  My,Ed=372.58 My,V,c,Rd=6269.10

N,Ed=142.40 Nc,Rd=126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

Asta n. 310 (-91 -14) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
Sollecitazioni: N=-80.47 T_z=-73.41 M_y=73.92 T_y=46.60 M_z=69.91
Tensioni: σ_N=-2.15 $\sigma_{m,d}$=-108.57 τ=0.00 σ_{max}=-110.72 (sfrut=0.03)
Tensioni: σ_N=-2.15 $\sigma_{m,d}$=49.92 τ=3.78 τ_{max}=3.78 (sfrut=0.00)
Tensioni: σ_N=-2.15 $\sigma_{m,d}$=-108.57 τ=0.00 $\sigma_{ID,max}$=110.72 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-370.64
V,Ed=-370.64 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=1.50 - Classe 1
Sollecitazioni: N=-142.40 T_z=-370.64 M_y=372.58
My,Ed=372.58 My,V,c,Rd=6269.10
N,Ed=-142.40 Nc,Rd=-126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
Sollecitazioni: N,Ed=-142.40 My,Ed=372.58 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_Y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_Z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
Verifica YY: 0.00+0.06=0.06
Verifica ZZ: 0.00=0.00

Asta n. 311 (-15 -92) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
Sollecitazioni: N=84.82 T_z=67.20 M_y=64.60 T_y=-21.32 M_z=31.97
Tensioni: σ_N=2.27 $\sigma_{m,d}$=70.12 τ=0.00 σ_{max}=72.39 (sfrut=0.02)
Tensioni: σ_N=2.27 $\sigma_{m,d}$=22.83 τ=3.45 τ_{max}=3.45 (sfrut=0.00)
Tensioni: σ_N=2.27 $\sigma_{m,d}$=70.12 τ=0.00 $\sigma_{ID,max}$=72.39 (sfrut=0.02)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=370.64
V,Ed=370.64 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=0.00 - Classe 1
Sollecitazioni: N=142.40 T_z=370.64 M_y=372.58
My,Ed=372.58 My,V,c,Rd=6269.10
N,Ed=142.40 Nc,Rd=126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

Asta n. 311 (-93 -15) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
Sollecitazioni: N=-80.47 T_z=-73.41 M_y=73.92 T_y=46.60 M_z=69.91
Tensioni: σ_N=-2.15 $\sigma_{m,d}$=-108.57 τ=0.00 σ_{max}=-110.72 (sfrut=0.03)
Tensioni: σ_N=-2.15 $\sigma_{m,d}$=49.92 τ=3.78 τ_{max}=3.78 (sfrut=0.00)
Tensioni: σ_N=-2.15 $\sigma_{m,d}$=-108.57 τ=0.00 $\sigma_{ID,max}$=110.72 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-370.64
V,Ed=-370.64 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=1.50 - Classe 1
Sollecitazioni: N=-142.40 T_z=-370.64 M_y=372.58
My,Ed=372.58 My,V,c,Rd=6269.10
N,Ed=-142.40 Nc,Rd=-126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
Sollecitazioni: N,Ed=-142.40 My,Ed=372.58 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_Y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_Z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
Verifica YY: 0.00+0.06=0.06
Verifica ZZ: 0.00=0.00

Asta n. 312 (-16 -98) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
Sollecitazioni: N=84.82 T_z=67.20 M_y=64.60 T_y=-21.32 M_z=31.97
Tensioni: σ_N=2.27 $\sigma_{m,d}$=70.12 τ=0.00 σ_{max}=72.39 (sfrut=0.02)
Tensioni: σ_N=2.27 $\sigma_{m,d}$=22.83 τ=3.45 τ_{max}=3.45 (sfrut=0.00)
Tensioni: σ_N=2.27 $\sigma_{m,d}$=70.12 τ=0.00 $\sigma_{ID,max}$=72.39 (sfrut=0.02)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=370.64
V,Ed=370.64 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=0.00 - Classe 1
Sollecitazioni: N=142.40 T_z=370.64 M_y=372.58
My,Ed=372.58 My,V,c,Rd=6269.10
N,Ed=142.40 Nc,Rd=126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

Asta n. 312 (-94 -16) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
Sollecitazioni: N=-80.47 T_z=-73.41 M_y=73.92 T_y=46.60 M_z=69.91
Tensioni: σ_N=-2.15 $\sigma_{m,d}$=-108.57 τ=0.00 σ_{max}=-110.72 (sfrut=0.03)
Tensioni: σ_N=-2.15 $\sigma_{m,d}$=49.92 τ=3.78 τ_{max}=3.78 (sfrut=0.00)
Tensioni: σ_N=-2.15 $\sigma_{m,d}$=-108.57 τ=0.00 $\sigma_{ID,max}$=110.72 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-370.64
V,Ed=-370.64 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=1.50 - Classe 1

Sollecitazioni: N=-142.40 T_z=-370.64 M_y=372.58
My,Ed=372.58 My,V,c,Rd=6269.10
N,Ed=-142.40 Nc,Rd=-126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
Sollecitazioni: N,Ed=-142.40 My,Ed=372.58 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
Verifica YY: 0.00+0.06=0.06
Verifica ZZ: 0.00=0.00

Asta n. 313 (-17 -97) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
Sollecitazioni: N=84.82 T_z=67.20 M_y=64.60 T_y=-21.32 M_z=31.97
Tensioni: σ_N=2.27 $\sigma_{m,d}$=70.12 τ=0.00 σ_{max}=72.39 (sfrut=0.02)
Tensioni: σ_N=2.27 $\sigma_{m,d}$=22.83 τ=3.45 τ_{max}=3.45 (sfrut=0.00)
Tensioni: σ_N=2.27 $\sigma_{m,d}$=70.12 τ=0.00 $\sigma_{ID,max}$=72.39 (sfrut=0.02)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=370.64
V,Ed=370.64 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=0.00 - Classe 1
Sollecitazioni: N=142.40 T_z=370.64 M_y=372.58
My,Ed=372.58 My,V,c,Rd=6269.10
N,Ed=142.40 Nc,Rd=126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

Asta n. 313 (-42 -17) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
Sollecitazioni: N=-80.47 T_z=-73.41 M_y=73.92 T_y=46.60 M_z=69.91
Tensioni: σ_N=-2.15 $\sigma_{m,d}$=-108.57 τ=0.00 σ_{max}=-110.72 (sfrut=0.03)
Tensioni: σ_N=-2.15 $\sigma_{m,d}$=49.92 τ=3.78 τ_{max}=3.78 (sfrut=0.00)
Tensioni: σ_N=-2.15 $\sigma_{m,d}$=-108.57 τ=0.00 $\sigma_{ID,max}$=110.72 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-370.64
V,Ed=-370.64 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=1.50 - Classe 1
Sollecitazioni: N=-142.40 T_z=-370.64 M_y=372.58
My,Ed=372.58 My,V,c,Rd=6269.10
N,Ed=-142.40 Nc,Rd=-126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
Sollecitazioni: N,Ed=-142.40 My,Ed=372.58 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
Verifica YY: 0.00+0.06=0.06
Verifica ZZ: 0.00=0.00

Asta n. 314 (-18 -43) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
Sollecitazioni: N=84.82 T_z=67.20 M_y=64.60 T_y=-21.32 M_z=31.97
Tensioni: σ_N=2.27 $\sigma_{m,d}$=70.12 τ=0.00 σ_{max}=72.39 (sfrut=0.02)
Tensioni: σ_N=2.27 $\sigma_{m,d}$=22.83 τ=3.45 τ_{max}=3.45 (sfrut=0.00)
Tensioni: σ_N=2.27 $\sigma_{m,d}$=70.12 τ=0.00 $\sigma_{ID,max}$=72.39 (sfrut=0.02)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=370.64
V,Ed=370.64 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=0.00 - Classe 1
Sollecitazioni: N=142.40 T_z=370.64 M_y=372.58
My,Ed=372.58 My,V,c,Rd=6269.10
N,Ed=142.40 Nc,Rd=126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

Asta n. 314 (-44 -18) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
Sollecitazioni: N=-80.47 T_z=-73.41 M_y=73.92 T_y=46.60 M_z=69.91
Tensioni: σ_N=-2.15 $\sigma_{m,d}$=-108.57 τ=0.00 σ_{max}=-110.72 (sfrut=0.03)
Tensioni: σ_N=-2.15 $\sigma_{m,d}$=49.92 τ=3.78 τ_{max}=3.78 (sfrut=0.00)
Tensioni: σ_N=-2.15 $\sigma_{m,d}$=-108.57 τ=0.00 $\sigma_{ID,max}$=110.72 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-370.64
V,Ed=-370.64 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=1.50 - Classe 1
Sollecitazioni: N=-142.40 T_z=-370.64 M_y=372.58
My,Ed=372.58 My,V,c,Rd=6269.10
N,Ed=-142.40 Nc,Rd=-126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
Sollecitazioni: N,Ed=-142.40 My,Ed=372.58 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
Verifica YY: 0.00+0.06=0.06
Verifica ZZ: 0.00=0.00

Asta n. 315 (-19 -45) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=84.82 T_z=67.20 M_y=64.60 T_y=-21.32 M_z=31.97
  Tensioni: σ_N=2.27 $\sigma_{m,d}$=70.12 τ=0.00 σ_{max}=72.39 (sfrut=0.02)
  Tensioni: σ_N=2.27 $\sigma_{m,d}$=22.83 τ=3.45 τ_{max}=3.45 (sfrut=0.00)
  Tensioni: σ_N=2.27 $\sigma_{m,d}$=70.12 τ=0.00 $\sigma_{ID,max}$=72.39 (sfrut=0.02)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=370.64
  V,Ed=370.64 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=0.00 - Classe 1
  Sollecitazioni: N=142.40 T_z=370.64 M_y=372.58
  My,Ed=372.58 My,V,c,Rd=6269.10
  N,Ed=142.40 Nc,Rd=126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

Asta n. 315 (-58 -19) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
  Sollecitazioni: N=-80.47 T_z=-73.41 M_y=73.92 T_y=46.60 M_z=69.91
  Tensioni: σ_N=-2.15 $\sigma_{m,d}$=-108.57 τ=0.00 σ_{max}=-110.72 (sfrut=0.03)
  Tensioni: σ_N=-2.15 $\sigma_{m,d}$=49.92 τ=3.78 τ_{max}=3.78 (sfrut=0.00)
  Tensioni: σ_N=-2.15 $\sigma_{m,d}$=-108.57 τ=0.00 $\sigma_{ID,max}$=110.72 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=1.50 - Classe 1
  Sollecitazioni: T_z=-370.64
  V,Ed=-370.64 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=1.50 - Classe 1
  Sollecitazioni: N=-142.40 T_z=-370.64 M_y=372.58
  My,Ed=372.58 My,V,c,Rd=6269.10
  N,Ed=-142.40 Nc,Rd=-126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
  Sollecitazioni: N,Ed=-142.40 My,Ed=372.58 L=1.50
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
  λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
  Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
  Verifica YY: 0.00+0.06=0.06
  Verifica ZZ: 0.00=0.00

Asta n. 316 (-20 -63) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=59.85 T_z=47.12 M_y=43.09 T_y=-14.22 M_z=21.33
  Tensioni: σ_N=1.60 $\sigma_{m,d}$=46.78 τ=0.00 σ_{max}=48.38 (sfrut=0.01)
  Tensioni: σ_N=1.60 $\sigma_{m,d}$=15.23 τ=2.42 τ_{max}=2.42 (sfrut=0.00)
  Tensioni: σ_N=1.60 $\sigma_{m,d}$=46.78 τ=0.00 $\sigma_{ID,max}$=48.38 (sfrut=0.01)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=201.76
  V,Ed=201.76 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.00

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=0.00 - Classe 1
  Sollecitazioni: N=94.68 T_z=201.76 M_y=198.62
  My,Ed=198.62 My,V,c,Rd=6269.10
  N,Ed=94.68 Nc,Rd=126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.03

Asta n. 316 (-65 -20) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
  Sollecitazioni: N=-56.95 T_z=-51.26 M_y=49.31 T_y=31.09 M_z=46.64
  Tensioni: σ_N=-1.52 $\sigma_{m,d}$=-72.43 τ=0.00 σ_{max}=-73.95 (sfrut=0.02)
  Tensioni: σ_N=-1.52 $\sigma_{m,d}$=33.30 τ=2.64 τ_{max}=2.64 (sfrut=0.00)
  Tensioni: σ_N=-1.52 $\sigma_{m,d}$=-72.43 τ=0.00 $\sigma_{ID,max}$=73.95 (sfrut=0.02)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=1.50 - Classe 1
  Sollecitazioni: T_z=-201.76
  V,Ed=-201.76 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.00

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=1.50 - Classe 1
  Sollecitazioni: N=-94.68 T_z=-201.76 M_y=198.62
  My,Ed=198.62 My,V,c,Rd=6269.10
  N,Ed=-94.68 Nc,Rd=-126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.03

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
  Sollecitazioni: N,Ed=-94.68 My,Ed=198.62 L=1.50
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
  λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
  Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
  Verifica YY: 0.00+0.03=0.03
  Verifica ZZ: 0.00=0.00

Asta n. 317 (-21 -51) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=59.85 T_z=47.12 M_y=43.09 T_y=-14.22 M_z=21.33
  Tensioni: σ_N=1.60 $\sigma_{m,d}$=46.78 τ=0.00 σ_{max}=48.38 (sfrut=0.01)
  Tensioni: σ_N=1.60 $\sigma_{m,d}$=15.23 τ=2.42 τ_{max}=2.42 (sfrut=0.00)
  Tensioni: σ_N=1.60 $\sigma_{m,d}$=46.78 τ=0.00 $\sigma_{ID,max}$=48.38 (sfrut=0.01)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=201.76
  V,Ed=201.76 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.00

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=0.00 - Classe 1
  Sollecitazioni: N=94.68 T_z=201.76 M_y=198.62
  My,Ed=198.62 My,V,c,Rd=6269.10
  N,Ed=94.68 Nc,Rd=126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.03

Asta n. 317 (-50 -21) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
  Sollecitazioni: N=-56.95 T_z=-51.26 M_y=49.31 T_y=31.09 M_z=46.64
  Tensioni: σ_N=-1.52 $\sigma_{m,d}$=-72.43 τ=0.00 σ_{max}=-73.95 (sfrut=0.02)
  Tensioni: σ_N=-1.52 $\sigma_{m,d}$=33.30 τ=2.64 τ_{max}=2.64 (sfrut=0.00)
  Tensioni: σ_N=-1.52 $\sigma_{m,d}$=-72.43 τ=0.00 $\sigma_{ID,max}$=73.95 (sfrut=0.02)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=1.50 - Classe 1
  Sollecitazioni: T_z=-201.76
  V,Ed=-201.76 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.00

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=1.50 - Classe 1
  Sollecitazioni: N=-94.68 T_z=-201.76 M_y=198.62
  My,Ed=198.62 My,V,c,Rd=6269.10
  N,Ed=-94.68 Nc,Rd=-126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.03

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
  Sollecitazioni: N,Ed=-94.68 My,Ed=198.62 L=1.50
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
  λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
  Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
  Verifica YY: 0.00+0.03=0.03
  Verifica ZZ: 0.00=0.00

Asta n. 318 (-22 -53) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=84.82 T_z=67.20 M_y=64.60 T_y=-21.32 M_z=31.97
  Tensioni: σ_N=2.27 $\sigma_{m,d}$=70.12 τ=0.00 σ_{max}=72.39 (sfrut=0.02)
  Tensioni: σ_N=2.27 $\sigma_{m,d}$=22.83 τ=3.45 τ_{max}=3.45 (sfrut=0.00)
  Tensioni: σ_N=2.27 $\sigma_{m,d}$=70.12 τ=0.00 $\sigma_{ID,max}$=72.39 (sfrut=0.02)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=370.64
  V,Ed=370.64 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=0.00 - Classe 1
  Sollecitazioni: N=142.40 T_z=370.64 M_y=372.58
  My,Ed=372.58 My,V,c,Rd=6269.10
  N,Ed=142.40 Nc,Rd=126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

Asta n. 318 (-52 -22) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
  Sollecitazioni: N=-80.47 T_z=-73.41 M_y=73.92 T_y=46.60 M_z=69.91
  Tensioni: σ_N=-2.15 $\sigma_{m,d}$=-108.57 τ=0.00 σ_{max}=-110.72 (sfrut=0.03)
  Tensioni: σ_N=-2.15 $\sigma_{m,d}$=49.92 τ=3.78 τ_{max}=3.78 (sfrut=0.00)
  Tensioni: σ_N=-2.15 $\sigma_{m,d}$=-108.57 τ=0.00 $\sigma_{ID,max}$=110.72 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=1.50 - Classe 1
  Sollecitazioni: T_z=-370.64
  V,Ed=-370.64 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=1.50 - Classe 1
  Sollecitazioni: N=-142.40 T_z=-370.64 M_y=372.58
  My,Ed=372.58 My,V,c,Rd=6269.10
  N,Ed=-142.40 Nc,Rd=-126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
  Sollecitazioni: N,Ed=-142.40 My,Ed=372.58 L=1.50
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
  λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
  Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
  Verifica YY: 0.00+0.06=0.06
  Verifica ZZ: 0.00=0.00

Asta n. 319 (-23 -55) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=84.82 T_z=67.20 M_y=64.60 T_y=-21.32 M_z=31.97
  Tensioni: σ_N=2.27 $\sigma_{m,d}$=70.12 τ=0.00 σ_{max}=72.39 (sfrut=0.02)
  Tensioni: σ_N=2.27 $\sigma_{m,d}$=22.83 τ=3.45 τ_{max}=3.45 (sfrut=0.00)
  Tensioni: σ_N=2.27 $\sigma_{m,d}$=70.12 τ=0.00 $\sigma_{ID,max}$=72.39 (sfrut=0.02)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=370.64
  V,Ed=370.64 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=0.00 - Classe 1
  Sollecitazioni: N=142.40 T_z=370.64 M_y=372.58
  My,Ed=372.58 My,V,c,Rd=6269.10
  N,Ed=142.40 Nc,Rd=126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

Asta n. 319 (-54 -23) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
  Sollecitazioni: N=-80.47 T_z=-73.41 M_y=73.92 T_y=46.60 M_z=69.91
  Tensioni: σ_N=-2.15 $\sigma_{m,d}$=-108.57 τ=0.00 σ_{max}=-110.72 (sfrut=0.03)
  Tensioni: σ_N=-2.15 $\sigma_{m,d}$=49.92 τ=3.78 τ_{max}=3.78 (sfrut=0.00)
  Tensioni: σ_N=-2.15 $\sigma_{m,d}$=-108.57 τ=0.00 $\sigma_{ID,max}$=110.72 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=1.50 - Classe 1
  Sollecitazioni: T_z=-370.64
  V,Ed=-370.64 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=1.50 - Classe 1
  Sollecitazioni: N=-142.40 T_z=-370.64 M_y=372.58
  My,Ed=372.58 My,V,c,Rd=6269.10

N,Ed=-142.40 Nc,Rd=-126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
Sollecitazioni: N,Ed=-142.40 My,Ed=372.58 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
Verifica YY: 0.00+0.06=0.06
Verifica ZZ: 0.00=0.00

Asta n. 320 (-24 -57) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
Sollecitazioni: N=84.82 T_z=67.20 M_y=64.60 T_y=-21.32 M_z=31.97
Tensioni: σ_N=2.27 $\sigma_{m,d}$=70.12 τ=0.00 σ_{max}=72.39 (sfrut=0.02)
Tensioni: σ_N=2.27 $\sigma_{m,d}$=22.83 τ=3.45 τ_{max}=3.45 (sfrut=0.00)
Tensioni: σ_N=2.27 $\sigma_{m,d}$=70.12 τ=0.00 $\sigma_{ID,max}$=72.39 (sfrut=0.02)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=370.64
V,Ed=370.64 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=0.00 - Classe 1
Sollecitazioni: N=142.40 T_z=370.64 M_y=372.58
My,Ed=372.58 My,V,c,Rd=6269.10
N,Ed=142.40 Nc,Rd=126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

Asta n. 320 (-56 -24) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
Sollecitazioni: N=-80.47 T_z=-73.41 M_y=73.92 T_y=46.60 M_z=69.91
Tensioni: σ_N=-2.15 $\sigma_{m,d}$=-108.57 τ=0.00 σ_{max}=-110.72 (sfrut=0.03)
Tensioni: σ_N=-2.15 $\sigma_{m,d}$=49.92 τ=3.78 τ_{max}=3.78 (sfrut=0.00)
Tensioni: σ_N=-2.15 $\sigma_{m,d}$=-108.57 τ=0.00 $\sigma_{ID,max}$=110.72 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-370.64
V,Ed=-370.64 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=1.50 - Classe 1
Sollecitazioni: N=-142.40 T_z=-370.64 M_y=372.58
My,Ed=372.58 My,V,c,Rd=6269.10
N,Ed=-142.40 Nc,Rd=-126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
Sollecitazioni: N,Ed=-142.40 My,Ed=372.58 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
Verifica YY: 0.00+0.06=0.06
Verifica ZZ: 0.00=0.00

Asta n. 322 (-25 -41) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
Sollecitazioni: N=84.82 T_z=67.20 M_y=64.60 T_y=-21.32 M_z=31.97
Tensioni: σ_N=2.27 $\sigma_{m,d}$=70.12 τ=0.00 σ_{max}=72.39 (sfrut=0.02)
Tensioni: σ_N=2.27 $\sigma_{m,d}$=22.83 τ=3.45 τ_{max}=3.45 (sfrut=0.00)
Tensioni: σ_N=2.27 $\sigma_{m,d}$=70.12 τ=0.00 $\sigma_{ID,max}$=72.39 (sfrut=0.02)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=370.64
V,Ed=370.64 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=0.00 - Classe 1
Sollecitazioni: N=142.40 T_z=370.64 M_y=372.58
My,Ed=372.58 My,V,c,Rd=6269.10
N,Ed=142.40 Nc,Rd=126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

Asta n. 322 (-64 -25) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
Sollecitazioni: N=-80.47 T_z=-73.41 M_y=73.92 T_y=46.60 M_z=69.91
Tensioni: σ_N=-2.15 $\sigma_{m,d}$=-108.57 τ=0.00 σ_{max}=-110.72 (sfrut=0.03)
Tensioni: σ_N=-2.15 $\sigma_{m,d}$=49.92 τ=3.78 τ_{max}=3.78 (sfrut=0.00)
Tensioni: σ_N=-2.15 $\sigma_{m,d}$=-108.57 τ=0.00 $\sigma_{ID,max}$=110.72 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-370.64
V,Ed=-370.64 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=1.50 - Classe 1
Sollecitazioni: N=-142.40 T_z=-370.64 M_y=372.58
My,Ed=372.58 My,V,c,Rd=6269.10
N,Ed=-142.40 Nc,Rd=-126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
Sollecitazioni: N,Ed=-142.40 My,Ed=372.58 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
Verifica YY: 0.00+0.06=0.06
Verifica ZZ: 0.00=0.00

Asta n. 323 (-26 -77) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
Sollecitazioni: N=84.82 T_z=67.20 M_y=64.60 T_y=-21.32 M_z=31.97

Tensioni: σ_N=2.27 $\sigma_{m,d}$=70.12 τ=0.00 σ_{max}=72.39 (sfrut=0.02)
Tensioni: σ_N=2.27 $\sigma_{m,d}$=22.83 τ=3.45 τ_{max}=3.45 (sfrut=0.00)
Tensioni: σ_N=2.27 $\sigma_{m,d}$=70.12 τ=0.00 $\sigma_{ID,max}$=72.39 (sfrut=0.02)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=370.64
V,Ed=370.64 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=0.00 - Classe 1
Sollecitazioni: N=142.40 T_z=370.64 M_y=372.58
My,Ed=372.58 My,V,c,Rd=6269.10
N,Ed=142.40 Nc,Rd=126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

Asta n. 323 (-76 -26) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
Sollecitazioni: N=-80.47 T_z=-73.41 M_y=73.92 T_y=46.60 M_z=69.91
Tensioni: σ_N=-2.15 $\sigma_{m,d}$=-108.57 τ=0.00 σ_{max}=-110.72 (sfrut=0.03)
Tensioni: σ_N=-2.15 $\sigma_{m,d}$=49.92 τ=3.78 τ_{max}=3.78 (sfrut=0.00)
Tensioni: σ_N=-2.15 $\sigma_{m,d}$=-108.57 τ=0.00 $\sigma_{ID,max}$=110.72 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-370.64
V,Ed=-370.64 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=1.50 - Classe 1
Sollecitazioni: N=-142.40 T_z=-370.64 M_y=372.58
My,Ed=372.58 My,V,c,Rd=6269.10
N,Ed=-142.40 Nc,Rd=-126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
Sollecitazioni: N,Ed=-142.40 My,Ed=372.58 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
Verifica YY: 0.00+0.06=0.06
Verifica ZZ: 0.00=0.00

Asta n. 324 (-27 -79) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
Sollecitazioni: N=84.82 T_z=67.20 M_y=64.60 T_y=-21.32 M_z=31.97
Tensioni: σ_N=2.27 $\sigma_{m,d}$=70.12 τ=0.00 σ_{max}=72.39 (sfrut=0.02)
Tensioni: σ_N=2.27 $\sigma_{m,d}$=22.83 τ=3.45 τ_{max}=3.45 (sfrut=0.00)
Tensioni: σ_N=2.27 $\sigma_{m,d}$=70.12 τ=0.00 $\sigma_{ID,max}$=72.39 (sfrut=0.02)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=370.64
V,Ed=370.64 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=0.00 - Classe 1
Sollecitazioni: N=142.40 T_z=370.64 M_y=372.58
My,Ed=372.58 My,V,c,Rd=6269.10
N,Ed=142.40 Nc,Rd=126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

Asta n. 324 (-78 -27) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
Sollecitazioni: N=-80.47 T_z=-73.41 M_y=73.92 T_y=46.60 M_z=69.91
Tensioni: σ_N=-2.15 $\sigma_{m,d}$=-108.57 τ=0.00 σ_{max}=-110.72 (sfrut=0.03)
Tensioni: σ_N=-2.15 $\sigma_{m,d}$=49.92 τ=3.78 τ_{max}=3.78 (sfrut=0.00)
Tensioni: σ_N=-2.15 $\sigma_{m,d}$=-108.57 τ=0.00 $\sigma_{ID,max}$=110.72 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-370.64
V,Ed=-370.64 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=1.50 - Classe 1
Sollecitazioni: N=-142.40 T_z=-370.64 M_y=372.58
My,Ed=372.58 My,V,c,Rd=6269.10
N,Ed=-142.40 Nc,Rd=-126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
Sollecitazioni: N,Ed=-142.40 My,Ed=372.58 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
Verifica YY: 0.00+0.06=0.06
Verifica ZZ: 0.00=0.00

Asta n. 325 (-28 -81) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
Sollecitazioni: N=84.82 T_z=67.20 M_y=64.60 T_y=-21.32 M_z=31.97
Tensioni: σ_N=2.27 $\sigma_{m,d}$=70.12 τ=0.00 σ_{max}=72.39 (sfrut=0.02)
Tensioni: σ_N=2.27 $\sigma_{m,d}$=22.83 τ=3.45 τ_{max}=3.45 (sfrut=0.00)
Tensioni: σ_N=2.27 $\sigma_{m,d}$=70.12 τ=0.00 $\sigma_{ID,max}$=72.39 (sfrut=0.02)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=370.64
V,Ed=370.64 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=0.00 - Classe 1
Sollecitazioni: N=142.40 T_z=370.64 M_y=372.58
My,Ed=372.58 My,V,c,Rd=6269.10
N,Ed=142.40 Nc,Rd=126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

Asta n. 325 (-80 -28) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
  Sollecitazioni: N=-80.47 T_z=-73.41 M_y=73.92 T_y=46.60 M_z=69.91
  Tensioni: σ_N=-2.15 $\sigma_{m,d}$=-108.57 τ=0.00 σ_{max}=-110.72 (sfrut=0.03)
  Tensioni: σ_N=-2.15 $\sigma_{m,d}$=49.92 τ=3.78 τ_{max}=3.78 (sfrut=0.00)
  Tensioni: σ_N=-2.15 $\sigma_{m,d}$=-108.57 τ=0.00 $\sigma_{ID,max}$=110.72 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=1.50 - Classe 1
  Sollecitazioni: T_z=-370.64
  V,Ed=-370.64 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=1.50 - Classe 1
  Sollecitazioni: N=-142.40 T_z=-370.64 M_y=372.58
  My,Ed=372.58 My,V,c,Rd=6269.10
  N,Ed=-142.40 Nc,Rd=-126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
  Sollecitazioni: N,Ed=-142.40 My,Ed=372.58 L=1.50
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
  λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
  Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
  Verifica YY: 0.00+0.06=0.06
  Verifica ZZ: 0.00=0.00

Asta n. 326 (-29 -83) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=84.82 T_z=67.20 M_y=64.60 T_y=-21.32 M_z=31.97
  Tensioni: σ_N=2.27 $\sigma_{m,d}$=70.12 τ=0.00 σ_{max}=72.39 (sfrut=0.02)
  Tensioni: σ_N=2.27 $\sigma_{m,d}$=22.83 τ=3.45 τ_{max}=3.45 (sfrut=0.00)
  Tensioni: σ_N=2.27 $\sigma_{m,d}$=70.12 τ=0.00 $\sigma_{ID,max}$=72.39 (sfrut=0.02)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=370.64
  V,Ed=370.64 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=0.00 - Classe 1
  Sollecitazioni: N=142.40 T_z=370.64 M_y=372.58
  My,Ed=372.58 My,V,c,Rd=6269.10
  N,Ed=142.40 Nc,Rd=126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

Asta n. 326 (-82 -29) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
  Sollecitazioni: N=-80.47 T_z=-73.41 M_y=73.92 T_y=46.60 M_z=69.91
  Tensioni: σ_N=-2.15 $\sigma_{m,d}$=-108.57 τ=0.00 σ_{max}=-110.72 (sfrut=0.03)
  Tensioni: σ_N=-2.15 $\sigma_{m,d}$=49.92 τ=3.78 τ_{max}=3.78 (sfrut=0.00)
  Tensioni: σ_N=-2.15 $\sigma_{m,d}$=-108.57 τ=0.00 $\sigma_{ID,max}$=110.72 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=1.50 - Classe 1
  Sollecitazioni: T_z=-370.64
  V,Ed=-370.64 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=1.50 - Classe 1
  Sollecitazioni: N=-142.40 T_z=-370.64 M_y=372.58
  My,Ed=372.58 My,V,c,Rd=6269.10
  N,Ed=-142.40 Nc,Rd=-126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
  Sollecitazioni: N,Ed=-142.40 My,Ed=372.58 L=1.50
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
  λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
  Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
  Verifica YY: 0.00+0.06=0.06
  Verifica ZZ: 0.00=0.00

Asta n. 327 (-30 -85) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=84.82 T_z=67.20 M_y=64.60 T_y=-21.32 M_z=31.97
  Tensioni: σ_N=2.27 $\sigma_{m,d}$=70.12 τ=0.00 σ_{max}=72.39 (sfrut=0.02)
  Tensioni: σ_N=2.27 $\sigma_{m,d}$=22.83 τ=3.45 τ_{max}=3.45 (sfrut=0.00)
  Tensioni: σ_N=2.27 $\sigma_{m,d}$=70.12 τ=0.00 $\sigma_{ID,max}$=72.39 (sfrut=0.02)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=370.64
  V,Ed=370.64 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=0.00 - Classe 1
  Sollecitazioni: N=142.40 T_z=370.64 M_y=372.58
  My,Ed=372.58 My,V,c,Rd=6269.10
  N,Ed=142.40 Nc,Rd=126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

Asta n. 327 (-84 -30) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
  Sollecitazioni: N=-80.47 T_z=-73.41 M_y=73.92 T_y=46.60 M_z=69.91
  Tensioni: σ_N=-2.15 $\sigma_{m,d}$=-108.57 τ=0.00 σ_{max}=-110.72 (sfrut=0.03)
  Tensioni: σ_N=-2.15 $\sigma_{m,d}$=49.92 τ=3.78 τ_{max}=3.78 (sfrut=0.00)
  Tensioni: σ_N=-2.15 $\sigma_{m,d}$=-108.57 τ=0.00 $\sigma_{ID,max}$=110.72 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=1.50 - Classe 1
  Sollecitazioni: T_z=-370.64
  V,Ed=-370.64 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=1.50 - Classe 1
  Sollecitazioni: N=-142.40 T_z=-370.64 M_y=372.58
  My,Ed=372.58 My,V,c,Rd=6269.10
  N,Ed=-142.40 Nc,Rd=-126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
  Sollecitazioni: N,Ed=-142.40 My,Ed=372.58 L=1.50
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
  λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
  Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
  Verifica YY: 0.00+0.06=0.06
  Verifica ZZ: 0.00=0.00

Asta n. 329 (-32 -86) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=84.82 T_z=67.20 M_y=64.60 T_y=-21.32 M_z=31.97
  Tensioni: σ_N=2.27 $\sigma_{m,d}$=70.12 τ=0.00 σ_{max}=72.39 (sfrut=0.02)
  Tensioni: σ_N=2.27 $\sigma_{m,d}$=22.83 τ=3.45 τ_{max}=3.45 (sfrut=0.00)
  Tensioni: σ_N=2.27 $\sigma_{m,d}$=70.12 τ=0.00 $\sigma_{ID,max}$=72.39 (sfrut=0.02)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=370.64
  V,Ed=370.64 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=0.00 - Classe 1
  Sollecitazioni: N=142.40 T_z=370.64 M_y=372.58
  My,Ed=372.58 My,V,c,Rd=6269.10
  N,Ed=142.40 Nc,Rd=126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

Asta n. 329 (-87 -32) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
  Sollecitazioni: N=-80.47 T_z=-73.41 M_y=73.92 T_y=46.60 M_z=69.91
  Tensioni: σ_N=-2.15 $\sigma_{m,d}$=-108.57 τ=0.00 σ_{max}=-110.72 (sfrut=0.03)
  Tensioni: σ_N=-2.15 $\sigma_{m,d}$=49.92 τ=3.78 τ_{max}=3.78 (sfrut=0.00)
  Tensioni: σ_N=-2.15 $\sigma_{m,d}$=-108.57 τ=0.00 $\sigma_{ID,max}$=110.72 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=1.50 - Classe 1
  Sollecitazioni: T_z=-370.64
  V,Ed=-370.64 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=1.50 - Classe 1
  Sollecitazioni: N=-142.40 T_z=-370.64 M_y=372.58
  My,Ed=372.58 My,V,c,Rd=6269.10
  N,Ed=-142.40 Nc,Rd=-126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
  Sollecitazioni: N,Ed=-142.40 My,Ed=372.58 L=1.50
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
  λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
  Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
  Verifica YY: 0.00+0.06=0.06
  Verifica ZZ: 0.00=0.00

Asta n. 330 (-33 -89) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=84.82 T_z=67.20 M_y=64.60 T_y=-21.32 M_z=31.97
  Tensioni: σ_N=2.27 $\sigma_{m,d}$=70.12 τ=0.00 σ_{max}=72.39 (sfrut=0.02)
  Tensioni: σ_N=2.27 $\sigma_{m,d}$=22.83 τ=3.45 τ_{max}=3.45 (sfrut=0.00)
  Tensioni: σ_N=2.27 $\sigma_{m,d}$=70.12 τ=0.00 $\sigma_{ID,max}$=72.39 (sfrut=0.02)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=0.00 - Classe 1
  Sollecitazioni: T_z=370.64
  V,Ed=370.64 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=0.00 - Classe 1
  Sollecitazioni: N=142.40 T_z=370.64 M_y=372.58
  My,Ed=372.58 My,V,c,Rd=6269.10
  N,Ed=142.40 Nc,Rd=126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

Asta n. 330 (-88 -33) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
  Sollecitazioni: N=-80.47 T_z=-73.41 M_y=73.92 T_y=46.60 M_z=69.91
  Tensioni: σ_N=-2.15 $\sigma_{m,d}$=-108.57 τ=0.00 σ_{max}=-110.72 (sfrut=0.03)
  Tensioni: σ_N=-2.15 $\sigma_{m,d}$=49.92 τ=3.78 τ_{max}=3.78 (sfrut=0.00)
  Tensioni: σ_N=-2.15 $\sigma_{m,d}$=-108.57 τ=0.00 $\sigma_{ID,max}$=110.72 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=1.50 - Classe 1
  Sollecitazioni: T_z=-370.64
  V,Ed=-370.64 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=1.50 - Classe 1
  Sollecitazioni: N=-142.40 T_z=-370.64 M_y=372.58
  My,Ed=372.58 My,V,c,Rd=6269.10
  N,Ed=-142.40 Nc,Rd=-126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
  Sollecitazioni: N,Ed=-142.40 My,Ed=372.58 L=1.50
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
  λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
  Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
  Verifica YY: 0.00+0.06=0.06
  Verifica ZZ: 0.00=0.00

Asta n. 331 (-34 -61) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
  Sollecitazioni: N=84.82 T_z=67.20 M_y=64.60 T_y=-21.32 M_z=31.97
  Tensioni: σ_N=2.27 $\sigma_{m,d}$=70.12 τ=0.00 σ_{max}=72.39 (sfrut=0.02)
  Tensioni: σ_N=2.27 $\sigma_{m,d}$=22.83 τ=3.45 τ_{max}=3.45 (sfrut=0.00)

Tensioni: σ_N=2.27 $\sigma_{m,d}$=70.12 τ=0.00 $\sigma_{ID,max}$=72.39 (sfrut=0.02)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=370.64
V,Ed=370.64 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=0.00 - Classe 1
Sollecitazioni: N=142.40 T_z=370.64 M_y=372.58
My,Ed=372.58 My,V,c,Rd=6269.10
N,Ed=142.40 Nc,Rd=126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

Asta n. 331 (-62 -34) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
Sollecitazioni: N=-80.47 T_z=-73.41 M_y=73.92 T_y=46.60 M_z=69.91
Tensioni: σ_N=-2.15 $\sigma_{m,d}$=-108.57 τ=0.00 σ_{max}=-110.72 (sfrut=0.03)
Tensioni: σ_N=-2.15 $\sigma_{m,d}$=49.92 τ=3.78 τ_{max}=3.78 (sfrut=0.00)
Tensioni: σ_N=-2.15 $\sigma_{m,d}$=-108.57 τ=0.00 $\sigma_{ID,max}$=110.72 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-370.64
V,Ed=-370.64 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=1.50 - Classe 1
Sollecitazioni: N=-142.40 T_z=-370.64 M_y=372.58
My,Ed=372.58 My,V,c,Rd=6269.10
N,Ed=-142.40 Nc,Rd=-126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
Sollecitazioni: N,Ed=-142.40 My,Ed=372.58 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
Verifica YY: 0.00+0.06=0.06
Verifica ZZ: 0.00=0.00

Asta n. 332 (-35 -102) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
Sollecitazioni: N=84.82 T_z=67.20 M_y=64.60 T_y=-21.32 M_z=31.97
Tensioni: σ_N=2.27 $\sigma_{m,d}$=70.12 τ=0.00 σ_{max}=72.39 (sfrut=0.02)
Tensioni: σ_N=2.27 $\sigma_{m,d}$=22.83 τ=3.45 τ_{max}=3.45 (sfrut=0.00)
Tensioni: σ_N=2.27 $\sigma_{m,d}$=70.12 τ=0.00 $\sigma_{ID,max}$=72.39 (sfrut=0.02)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=370.64
V,Ed=370.64 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=0.00 - Classe 1
Sollecitazioni: N=142.40 T_z=370.64 M_y=372.58
My,Ed=372.58 My,V,c,Rd=6269.10
N,Ed=142.40 Nc,Rd=126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

Asta n. 332 (-101 -35) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
Sollecitazioni: N=-80.47 T_z=-73.41 M_y=73.92 T_y=46.60 M_z=69.91
Tensioni: σ_N=-2.15 $\sigma_{m,d}$=-108.57 τ=0.00 σ_{max}=-110.72 (sfrut=0.03)
Tensioni: σ_N=-2.15 $\sigma_{m,d}$=49.92 τ=3.78 τ_{max}=3.78 (sfrut=0.00)
Tensioni: σ_N=-2.15 $\sigma_{m,d}$=-108.57 τ=0.00 $\sigma_{ID,max}$=110.72 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-370.64
V,Ed=-370.64 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=1.50 - Classe 1
Sollecitazioni: N=-142.40 T_z=-370.64 M_y=372.58
My,Ed=372.58 My,V,c,Rd=6269.10
N,Ed=-142.40 Nc,Rd=-126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
Sollecitazioni: N,Ed=-142.40 My,Ed=372.58 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
Verifica YY: 0.00+0.06=0.06
Verifica ZZ: 0.00=0.00

Asta n. 333 (-37 -103) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
Sollecitazioni: N=84.82 T_z=67.20 M_y=64.60 T_y=-21.32 M_z=31.97
Tensioni: σ_N=2.27 $\sigma_{m,d}$=70.12 τ=0.00 σ_{max}=72.39 (sfrut=0.02)
Tensioni: σ_N=2.27 $\sigma_{m,d}$=22.83 τ=3.45 τ_{max}=3.45 (sfrut=0.00)
Tensioni: σ_N=2.27 $\sigma_{m,d}$=70.12 τ=0.00 $\sigma_{ID,max}$=72.39 (sfrut=0.02)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=370.64
V,Ed=370.64 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=0.00 - Classe 1
Sollecitazioni: N=142.40 T_z=370.64 M_y=372.58
My,Ed=372.58 My,V,c,Rd=6269.10
N,Ed=142.40 Nc,Rd=126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

Asta n. 333 (-104 -37) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
Sollecitazioni: N=-80.47 T_z=-73.41 M_y=73.92 T_y=46.60 M_z=69.91
Tensioni: σ_N=-2.15 $\sigma_{m,d}$=-108.57 τ=0.00 σ_{max}=-110.72 (sfrut=0.03)

Tensioni: σ_N=-2.15 $\sigma_{m,d}$=49.92 τ=3.78 τ_{max}=3.78 (sfrut=0.00)
Tensioni: σ_N=-2.15 $\sigma_{m,d}$=-108.57 τ=0.00 $\sigma_{ID,max}$=110.72 (sfrut=0.03)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-370.64
V,Ed=-370.64 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.01

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=1.50 - Classe 1
Sollecitazioni: N=-142.40 T_z=-370.64 M_y=372.58
My,Ed=372.58 My,V,c,Rd=6269.10
N,Ed=-142.40 Nc,Rd=-126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.06

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
Sollecitazioni: N,Ed=-142.40 My,Ed=372.58 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
Verifica YY: 0.00+0.06=0.06
Verifica ZZ: 0.00=0.00

Asta n. 334 (-38 -99) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=0.00 - Classe 3
Sollecitazioni: N=59.85 T_z=47.12 M_y=43.09 T_y=-14.22 M_z=21.33
Tensioni: σ_N=1.60 $\sigma_{m,d}$=46.78 τ=0.00 σ_{max}=48.38 (sfrut=0.01)
Tensioni: σ_N=1.60 $\sigma_{m,d}$=15.23 τ=2.42 τ_{max}=2.42 (sfrut=0.00)
Tensioni: σ_N=1.60 $\sigma_{m,d}$=46.78 τ=0.00 $\sigma_{ID,max}$=48.38 (sfrut=0.01)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=0.00 - Classe 1
Sollecitazioni: T_z=201.76
V,Ed=201.76 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.00

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=0.00 - Classe 1
Sollecitazioni: N=94.68 T_z=201.76 M_y=198.62
My,Ed=198.62 My,V,c,Rd=6269.10
N,Ed=94.68 Nc,Rd=126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.03

Asta n. 334 (-100 -38) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica in termini tensionali [4.2.4] - CC 1 SND Xl=1.50 - Classe 3
Sollecitazioni: N=-56.95 T_z=-51.26 M_y=49.31 T_y=31.09 M_z=46.64
Tensioni: σ_N=-1.52 $\sigma_{m,d}$=-72.43 τ=0.00 σ_{max}=-73.95 (sfrut=0.02)
Tensioni: σ_N=-1.52 $\sigma_{m,d}$=33.30 τ=2.64 τ_{max}=2.64 (sfrut=0.00)
Tensioni: σ_N=-1.52 $\sigma_{m,d}$=-72.43 τ=0.00 $\sigma_{ID,max}$=73.95 (sfrut=0.02)

- Verifica a taglio Dir. Z [4.2.16] - CC 28 SLU Xl=1.50 - Classe 1
Sollecitazioni: T_z=-201.76
V,Ed=-201.76 Vc,Rd=43850.90 V,Ed/Vc,Rd=0.00

- Verifica a presso o tenso-flessione retta YY (4.2.4.1.2.7) - CC 28 SLU Xl=1.50 - Classe 1
Sollecitazioni: N=-94.68 T_z=-201.76 M_y=198.62
My,Ed=198.62 My,V,c,Rd=6269.10
N,Ed=-94.68 Nc,Rd=-126583.00 YY n=N,Ed/Nc,Rd=0.00 MNy,c,Rd=6269.10 My,Ed/MNy,c,Rd=0.03

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
Sollecitazioni: N,Ed=-94.68 My,Ed=198.62 L=1.50
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=27.33 Ncr,y=1039280.00 λ^*_y=0.36 Curva a: Φ_y=0.58 χ_y=0.96
λ_z=37.85 Ncr,z=541779.00 λ^*_z=0.50 Curva a: Φ_z=0.65 χ_z=0.93
Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
Verifica YY: 0.00+0.03=0.03
Verifica ZZ: 0.00=0.00

Membratura
Asta n. 201 (-3 -4 -5 -6 -7 -8 -9 -10) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 3
Sollecitazioni: My,Ed=1559.14 Mz,Ed=1060.46 L=7.13
αmy, αmz, αLT=0.95, 0.95, 0.95
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.12+0.08=0.19
Verifica ZZ: 0.00+0.09+0.08=0.17

- Verifica freccia massima per soli carichi accidentali - CC 23
$f_{z,G}$=0.07 (L/10113)

- Verifica freccia massima carichi totali - CC 30
$f_{z,L}$=0.16 (L/4521)

Membratura
Asta n. 202 (-10 -11 -12 -13 -14 -15 203) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 3
Sollecitazioni: N,Ed=-122.31 My,Ed=2309.73 Mz,Ed=1209.30 L=7.10
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=90.50 Ncr,y=155474.00 λ^*_y=1.18 Curva a: Φ_y=1.30 χ_y=0.54
λ_z=90.50 Ncr,z=155474.00 λ^*_z=1.18 Curva a: Φ_z=1.30 χ_z=0.54
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.17+0.09=0.26
Verifica ZZ: 0.00+0.14+0.09=0.23

- Verifica freccia massima per soli carichi accidentali - CC 23
$f_{z,G}$=0.21 (L/3326)

- Verifica freccia massima carichi totali - CC 30
$f_{z,L}$=0.41 (L/1717)

Membratura
Asta n. 203 (203 -16 -17 -18 -19 -20 204) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 3

Sollecitazioni: N,Ed=37.41 My,Ed=1956.88 Mz,Ed=1208.41 L=6.00
αmy, αmz, αLT=0.95, 0.95, 0.95
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.15+0.09=0.24
Verifica ZZ: 0.00+0.12+0.09=0.21

- Verifica freccia massima per soli carichi accidentali - CC 23
$f_{z,L}$=0.07 (L/8055)

- Verifica freccia massima carichi totali - CC 30
$f_{z,L}$=0.14 (L/4165)

Membratura
Asta n. 204 (204 -21 -22 -23 -24 -25 205) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 3
Sollecitazioni: N,Ed=37.41 My,Ed=1956.88 Mz,Ed=1208.42 L=6.00
αmy, αmz, αLT=0.95, 0.95, 0.95
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.15+0.09=0.24
Verifica ZZ: 0.00+0.12+0.09=0.21

- Verifica freccia massima per soli carichi accidentali - CC 23
$f_{z,L}$=0.07 (L/8053)

- Verifica freccia massima carichi totali - CC 30
$f_{z,L}$=0.14 (L/4165)

Membratura
Asta n. 205 (205 -26 -27 -28 -29 -30 -31) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 3
Sollecitazioni: N,Ed=-122.31 My,Ed=2309.74 Mz,Ed=1209.30 L=7.10
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_Y=90.50 Ncr,y=155474.00 λ^*_y=1.18 Curva a: Φ_y=1.30 χ_y=0.54
λ_Z=90.50 Ncr,z=155474.00 λ^*_z=1.18 Curva a: Φ_z=1.30 χ_z=0.54
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.17+0.09=0.26
Verifica ZZ: 0.00+0.14+0.09=0.23

- Verifica freccia massima per soli carichi accidentali - CC 23
$f_{z,G}$=0.21 (L/3326)

- Verifica freccia massima carichi totali - CC 30
$f_{z,L}$=0.41 (L/1718)

Membratura
Asta n. 206 (-31 -32 -33 -34 -35 -36 -37 -38) - Sez. 2 (TRV PRINC SHS200x200x8) - Crit. 2

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 3
Sollecitazioni: My,Ed=1559.12 Mz,Ed=1060.45 L=7.13
αmy, αmz, αLT=0.95, 0.95, 0.95
Kyy, Kyz, Kzy, Kzz=0.95, 0.95, 0.76, 0.95
Verifica YY: 0.00+0.12+0.08=0.19
Verifica ZZ: 0.00+0.09+0.08=0.17

- Verifica freccia massima per soli carichi accidentali - CC 23
$f_{z,G}$=0.07 (L/10110)

- Verifica freccia massima carichi totali - CC 30
$f_{z,L}$=0.16 (L/4521)

Membratura
Asta n. 301 (-60 -3 -59) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
Sollecitazioni: N,Ed=-94.68 My,Ed=198.62 L=3.00
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_Y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
λ_Z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
Verifica YY: 0.00+0.03=0.03
Verifica ZZ: 0.00=0.00

- Verifica freccia massima per soli carichi accidentali - CC 23
$f_{z,L}$=0.78 (L/384) $f_{z,G}$=0.04 (L/8205)

- Verifica freccia massima carichi totali - CC 23
$f_{z,L}$=0.77 (L/389) $f_{z,G}$=0.03 (L/11280)

Membratura
Asta n. 302 (-47 -4 -46) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
Sollecitazioni: N,Ed=-142.40 My,Ed=372.58 L=3.00
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_Y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
λ_Z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
Verifica YY: 0.00+0.06=0.06
Verifica ZZ: 0.00=0.00

- Verifica freccia massima per soli carichi accidentali - CC 23
$f_{z,L}$=0.82 (L/367) $f_{z,G}$=0.07 (L/4101)

- Verifica freccia massima carichi totali - CC 23
$f_{z,L}$=0.80 (L/374) $f_{z,G}$=0.06 (L/5195)

Membratura
Asta n. 303 (-48 -6 -49) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
Sollecitazioni: N,Ed=-142.40 My,Ed=372.58 L=3.00

αmy, αmz, αLT=0.95, 0.95, 0.95
λy=54.65 Ncr,y=259820.00 λ*y=0.72 Curva a: Φy=0.81 χy=0.84
λz=75.69 Ncr,z=135445.00 λ*z=0.99 Curva a: Φz=1.07 χz=0.67
Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
Verifica YY: 0.00+0.06=0.06
Verifica ZZ: 0.00=0.00

- Verifica freccia massima per soli carichi accidentali - CC 23
fz,L=0.84 (L/358) fz,G=0.07 (L/4102)

- Verifica freccia massima carichi totali - CC 23
fz,L=0.82 (L/364) fz,G=0.06 (L/5196)

Membratura
Asta n. 304 (-96 -7 -95) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
Sollecitazioni: N,Ed=-142.40 My,Ed=372.58 L=3.00
αmy, αmz, αLT=0.95, 0.95, 0.95
λy=54.65 Ncr,y=259820.00 λ*y=0.72 Curva a: Φy=0.81 χy=0.84
λz=75.69 Ncr,z=135445.00 λ*z=0.99 Curva a: Φz=1.07 χz=0.67
Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
Verifica YY: 0.00+0.06=0.06
Verifica ZZ: 0.00=0.00

- Verifica freccia massima per soli carichi accidentali - CC 23
fz,L=0.89 (L/336) fz,G=0.07 (L/4102)

- Verifica freccia massima carichi totali - CC 23
fz,L=0.87 (L/342) fz,G=0.06 (L/5193)

Membratura
Asta n. 305 (-66 -8 -67) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
Sollecitazioni: N,Ed=-142.40 My,Ed=372.58 L=3.00
αmy, αmz, αLT=0.95, 0.95, 0.95
λy=54.65 Ncr,y=259820.00 λ*y=0.72 Curva a: Φy=0.81 χy=0.84
λz=75.69 Ncr,z=135445.00 λ*z=0.99 Curva a: Φz=1.07 χz=0.67
Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
Verifica YY: 0.00+0.06=0.06
Verifica ZZ: 0.00=0.00

- Verifica freccia massima per soli carichi accidentali - CC 23
fz,L=0.94 (L/318) fz,G=0.07 (L/4102)

- Verifica freccia massima carichi totali - CC 23
fz,L=0.93 (L/323) fz,G=0.06 (L/5196)

Membratura
Asta n. 306 (-69 -9 -68) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
Sollecitazioni: N,Ed=-142.40 My,Ed=372.58 L=3.00
αmy, αmz, αLT=0.95, 0.95, 0.95
λy=54.65 Ncr,y=259820.00 λ*y=0.72 Curva a: Φy=0.81 χy=0.84
λz=75.69 Ncr,z=135445.00 λ*z=0.99 Curva a: Φz=1.07 χz=0.67
Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
Verifica YY: 0.00+0.06=0.06
Verifica ZZ: 0.00=0.00

- Verifica freccia massima per soli carichi accidentali - CC 23
fz,L=1.00 (L/301) fz,G=0.07 (L/4102)

- Verifica freccia massima carichi totali - CC 23
fz,L=0.98 (L/305) fz,G=0.06 (L/5195)

Membratura
Asta n. 307 (-70 -11 -71) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
Sollecitazioni: N,Ed=-142.40 My,Ed=372.58 L=3.00
αmy, αmz, αLT=0.95, 0.95, 0.95
λy=54.65 Ncr,y=259820.00 λ*y=0.72 Curva a: Φy=0.81 χy=0.84
λz=75.69 Ncr,z=135445.00 λ*z=0.99 Curva a: Φz=1.07 χz=0.67
Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
Verifica YY: 0.00+0.06=0.06
Verifica ZZ: 0.00=0.00

- Verifica freccia massima per soli carichi accidentali - CC 23
fz,L=1.02 (L/292) fz,G=0.07 (L/4102)

- Verifica freccia massima carichi totali - CC 23
fz,L=1.01 (L/297) fz,G=0.06 (L/5197)

Membratura
Asta n. 308 (-72 -12 -73) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
Sollecitazioni: N,Ed=-142.40 My,Ed=372.58 L=3.00
αmy, αmz, αLT=0.95, 0.95, 0.95
λy=54.65 Ncr,y=259820.00 λ*y=0.72 Curva a: Φy=0.81 χy=0.84
λz=75.69 Ncr,z=135445.00 λ*z=0.99 Curva a: Φz=1.07 χz=0.67
Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
Verifica YY: 0.00+0.06=0.06
Verifica ZZ: 0.00=0.00

- Verifica freccia massima per soli carichi accidentali - CC 23
fz,L=1.04 (L/288) fz,G=0.07 (L/4101)

- Verifica freccia massima carichi totali - CC 23
fz,L=1.02 (L/292) fz,G=0.06 (L/5196)

Membratura
Asta n. 309 (-74 -13 -75) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
Sollecitazioni: N,Ed=-142.40 My,Ed=372.58 L=3.00
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_Y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
λ_Z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
Verifica YY: 0.00+0.06=0.06
Verifica ZZ: 0.00=0.00

- Verifica freccia massima per soli carichi accidentali - CC 23
$f_{z,L}$=1.05 (L/284) $f_{z,G}$=0.07 (L/4102)

- Verifica freccia massima carichi totali - CC 23
$f_{z,L}$=1.04 (L/288) $f_{z,G}$=0.06 (L/5195)

Membratura
Asta n. 310 (-90 -14 -91) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
Sollecitazioni: N,Ed=-142.40 My,Ed=372.58 L=3.00
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_Y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
λ_Z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
Verifica YY: 0.00+0.06=0.06
Verifica ZZ: 0.00=0.00

- Verifica freccia massima per soli carichi accidentali - CC 23
$f_{z,L}$=1.07 (L/280) $f_{z,G}$=0.07 (L/4101)

- Verifica freccia massima carichi totali - CC 23
$f_{z,L}$=1.05 (L/284) $f_{z,G}$=0.06 (L/5195)

Membratura
Asta n. 311 (-92 -15 -93) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
Sollecitazioni: N,Ed=-142.40 My,Ed=372.58 L=3.00
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_Y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
λ_Z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
Verifica YY: 0.00+0.06=0.06
Verifica ZZ: 0.00=0.00

- Verifica freccia massima per soli carichi accidentali - CC 23
$f_{z,L}$=1.09 (L/276) $f_{z,G}$=0.07 (L/4102)

- Verifica freccia massima carichi totali - CC 23
$f_{z,L}$=1.07 (L/280) $f_{z,G}$=0.06 (L/5196)

Membratura
Asta n. 312 (-98 -16 -94) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
Sollecitazioni: N,Ed=-142.40 My,Ed=372.58 L=3.00
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_Y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
λ_Z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
Verifica YY: 0.00+0.06=0.06
Verifica ZZ: 0.00=0.00

- Verifica freccia massima per soli carichi accidentali - CC 23
$f_{z,L}$=1.09 (L/276) $f_{z,G}$=0.07 (L/4102)

- Verifica freccia massima carichi totali - CC 23
$f_{z,L}$=1.07 (L/280) $f_{z,G}$=0.06 (L/5196)

Membratura
Asta n. 313 (-97 -17 -42) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
Sollecitazioni: N,Ed=-142.40 My,Ed=372.58 L=3.00
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_Y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
λ_Z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
Verifica YY: 0.00+0.06=0.06
Verifica ZZ: 0.00=0.00

- Verifica freccia massima per soli carichi accidentali - CC 23
$f_{z,L}$=1.06 (L/283) $f_{z,G}$=0.07 (L/4102)

- Verifica freccia massima carichi totali - CC 23
$f_{z,L}$=1.04 (L/287) $f_{z,G}$=0.06 (L/5195)

Membratura
Asta n. 314 (-43 -18 -44) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
Sollecitazioni: N,Ed=-142.40 My,Ed=372.58 L=3.00
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_Y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
λ_Z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
Verifica YY: 0.00+0.06=0.06
Verifica ZZ: 0.00=0.00

- Verifica freccia massima per soli carichi accidentali - CC 23
  $f_{z,L}$=1.03 (L/290) $f_{z,G}$=0.07 (L/4102)

- Verifica freccia massima carichi totali - CC 23
  $f_{z,L}$=1.02 (L/295) $f_{z,G}$=0.06 (L/5198)

Membratura
 Asta n. 315 (-45 -19 -58) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
  Sollecitazioni: N,Ed=-142.40 My,Ed=372.58 L=3.00
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_Y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
  λ_Z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
  Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
  Verifica YY: 0.00+0.06=0.06
  Verifica ZZ: 0.00=0.00

- Verifica freccia massima per soli carichi accidentali - CC 23
  $f_{z,L}$=1.00 (L/298) $f_{z,G}$=0.07 (L/4103)

- Verifica freccia massima carichi totali - CC 23
  $f_{z,L}$=0.99 (L/303) $f_{z,G}$=0.06 (L/5196)

Membratura
 Asta n. 316 (-63 -20 -65) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
  Sollecitazioni: N,Ed=-94.68 My,Ed=198.62 L=3.00
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_Y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
  λ_Z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
  Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
  Verifica YY: 0.00+0.03=0.03
  Verifica ZZ: 0.00=0.00

- Verifica freccia massima per soli carichi accidentali - CC 23
  $f_{z,L}$=0.94 (L/319) $f_{z,G}$=0.04 (L/8208)

- Verifica freccia massima carichi totali - CC 23
  $f_{z,L}$=0.93 (L/322) $f_{z,G}$=0.03 (L/11300)

Membratura
 Asta n. 317 (-51 -21 -50) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
  Sollecitazioni: N,Ed=-94.68 My,Ed=198.62 L=3.00
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_Y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
  λ_Z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
  Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
  Verifica YY: 0.00+0.03=0.03
  Verifica ZZ: 0.00=0.00

- Verifica freccia massima per soli carichi accidentali - CC 23
  $f_{z,L}$=0.94 (L/319) $f_{z,G}$=0.04 (L/8208)

- Verifica freccia massima carichi totali - CC 23
  $f_{z,L}$=0.93 (L/322) $f_{z,G}$=0.03 (L/11300)

Membratura
 Asta n. 318 (-53 -22 -52) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
  Sollecitazioni: N,Ed=-142.40 My,Ed=372.58 L=3.00
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_Y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
  λ_Z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
  Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
  Verifica YY: 0.00+0.06=0.06
  Verifica ZZ: 0.00=0.00

- Verifica freccia massima per soli carichi accidentali - CC 23
  $f_{z,L}$=1.00 (L/298) $f_{z,G}$=0.07 (L/4102)

- Verifica freccia massima carichi totali - CC 23
  $f_{z,L}$=0.99 (L/303) $f_{z,G}$=0.06 (L/5196)

Membratura
 Asta n. 319 (-55 -23 -54) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
  Sollecitazioni: N,Ed=-142.40 My,Ed=372.58 L=3.00
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_Y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
  λ_Z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
  Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
  Verifica YY: 0.00+0.06=0.06
  Verifica ZZ: 0.00=0.00

- Verifica freccia massima per soli carichi accidentali - CC 23
  $f_{z,L}$=1.03 (L/290) $f_{z,G}$=0.07 (L/4102)

- Verifica freccia massima carichi totali - CC 23
  $f_{z,L}$=1.02 (L/295) $f_{z,G}$=0.06 (L/5197)

Membratura
 Asta n. 320 (-57 -24 -56) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
  Sollecitazioni: N,Ed=-142.40 My,Ed=372.58 L=3.00

αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
λ_z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
Verifica YY: 0.00+0.06=0.06
Verifica ZZ: 0.00=0.00

- Verifica freccia massima per soli carichi accidentali - CC 23
$f_{z,L}$=1.06 (L/283) $f_{z,G}$=0.07 (L/4102)

- Verifica freccia massima carichi totali - CC 23
$f_{z,L}$=1.04 (L/287) $f_{z,G}$=0.06 (L/5195)

Membratura
Asta n. 322 (-41 -25 -64) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
Sollecitazioni: N,Ed=-142.40 My,Ed=372.58 L=3.00
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
λ_z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
Verifica YY: 0.00+0.06=0.06
Verifica ZZ: 0.00=0.00

- Verifica freccia massima per soli carichi accidentali - CC 23
$f_{z,L}$=1.09 (L/276) $f_{z,G}$=0.07 (L/4102)

- Verifica freccia massima carichi totali - CC 23
$f_{z,L}$=1.07 (L/280) $f_{z,G}$=0.06 (L/5196)

Membratura
Asta n. 323 (-77 -26 -76) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
Sollecitazioni: N,Ed=-142.40 My,Ed=372.58 L=3.00
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
λ_z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
Verifica YY: 0.00+0.06=0.06
Verifica ZZ: 0.00=0.00

- Verifica freccia massima per soli carichi accidentali - CC 23
$f_{z,L}$=1.09 (L/276) $f_{z,G}$=0.07 (L/4103)

- Verifica freccia massima carichi totali - CC 23
$f_{z,L}$=1.07 (L/280) $f_{z,G}$=0.06 (L/5197)

Membratura
Asta n. 324 (-79 -27 -78) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
Sollecitazioni: N,Ed=-142.40 My,Ed=372.58 L=3.00
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
λ_z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
Verifica YY: 0.00+0.06=0.06
Verifica ZZ: 0.00=0.00

- Verifica freccia massima per soli carichi accidentali - CC 23
$f_{z,L}$=1.07 (L/280) $f_{z,G}$=0.07 (L/4102)

- Verifica freccia massima carichi totali - CC 23
$f_{z,L}$=1.05 (L/284) $f_{z,G}$=0.06 (L/5197)

Membratura
Asta n. 325 (-81 -28 -80) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
Sollecitazioni: N,Ed=-142.40 My,Ed=372.58 L=3.00
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
λ_z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
Verifica YY: 0.00+0.06=0.06
Verifica ZZ: 0.00=0.00

- Verifica freccia massima per soli carichi accidentali - CC 23
$f_{z,L}$=1.05 (L/284) $f_{z,G}$=0.07 (L/4102)

- Verifica freccia massima carichi totali - CC 23
$f_{z,L}$=1.04 (L/288) $f_{z,G}$=0.06 (L/5195)

Membratura
Asta n. 326 (-83 -29 -82) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
Sollecitazioni: N,Ed=-142.40 My,Ed=372.58 L=3.00
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
λ_z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
Verifica YY: 0.00+0.06=0.06
Verifica ZZ: 0.00=0.00

- Verifica freccia massima per soli carichi accidentali - CC 23
$f_{z,L}$=1.04 (L/288) $f_{z,G}$=0.07 (L/4102)

- Verifica freccia massima carichi totali - CC 23
$f_{z,L}$=1.02 (L/292) $f_{z,G}$=0.06 (L/5196)

Membratura
Asta n. 327 (-85 -30 -84) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
Sollecitazioni: N,Ed=-142.40 My,Ed=372.58 L=3.00
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_Y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
λ_Z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
Verifica YY: 0.00+0.06=0.06
Verifica ZZ: 0.00=0.00

- Verifica freccia massima per soli carichi accidentali - CC 23
$f_{z,L}$=1.02 (L/292) $f_{z,G}$=0.07 (L/4102)

- Verifica freccia massima carichi totali - CC 23
$f_{z,L}$=1.01 (L/297) $f_{z,G}$=0.06 (L/5197)

Membratura
Asta n. 329 (-86 -32 -87) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
Sollecitazioni: N,Ed=-142.40 My,Ed=372.58 L=3.00
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_Y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
λ_Z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
Verifica YY: 0.00+0.06=0.06
Verifica ZZ: 0.00=0.00

- Verifica freccia massima per soli carichi accidentali - CC 23
$f_{z,L}$=1.00 (L/301) $f_{z,G}$=0.07 (L/4102)

- Verifica freccia massima carichi totali - CC 23
$f_{z,L}$=0.98 (L/305) $f_{z,G}$=0.06 (L/5195)

Membratura
Asta n. 330 (-89 -33 -88) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
Sollecitazioni: N,Ed=-142.40 My,Ed=372.58 L=3.00
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_Y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
λ_Z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
Verifica YY: 0.00+0.06=0.06
Verifica ZZ: 0.00=0.00

- Verifica freccia massima per soli carichi accidentali - CC 23
$f_{z,L}$=0.94 (L/318) $f_{z,G}$=0.07 (L/4102)

- Verifica freccia massima carichi totali - CC 23
$f_{z,L}$=0.93 (L/323) $f_{z,G}$=0.06 (L/5196)

Membratura
Asta n. 331 (-61 -34 -62) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
Sollecitazioni: N,Ed=-142.40 My,Ed=372.58 L=3.00
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_Y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
λ_Z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
Verifica YY: 0.00+0.06=0.06
Verifica ZZ: 0.00=0.00

- Verifica freccia massima per soli carichi accidentali - CC 23
$f_{z,L}$=0.89 (L/336) $f_{z,G}$=0.07 (L/4102)

- Verifica freccia massima carichi totali - CC 23
$f_{z,L}$=0.87 (L/342) $f_{z,G}$=0.06 (L/5193)

Membratura
Asta n. 332 (-102 -35 -101) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
Sollecitazioni: N,Ed=-142.40 My,Ed=372.58 L=3.00
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_Y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
λ_Z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
Verifica YY: 0.00+0.06=0.06
Verifica ZZ: 0.00=0.00

- Verifica freccia massima per soli carichi accidentali - CC 23
$f_{z,L}$=0.84 (L/358) $f_{z,G}$=0.07 (L/4103)

- Verifica freccia massima carichi totali - CC 23
$f_{z,L}$=0.82 (L/364) $f_{z,G}$=0.06 (L/5196)

Membratura
Asta n. 333 (-103 -37 -104) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
Sollecitazioni: N,Ed=-142.40 My,Ed=372.58 L=3.00
αmy, αmz, αLT=0.95, 0.95, 0.95
λ_Y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
λ_Z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
Verifica YY: 0.00+0.06=0.06
Verifica ZZ: 0.00=0.00

- Verifica freccia massima per soli carichi accidentali - CC 23
  $f_{z,L}$=0.82 (L/367) $f_{z,G}$=0.07 (L/4102)

- Verifica freccia massima carichi totali - CC 23
  $f_{z,L}$=0.80 (L/374) $f_{z,G}$=0.06 (L/5194)

Membratura
 Asta n. 334 (-99 -38 -100) - Sez. 3 (TRV SEC RHS150x100x8) - Crit. 3

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 28 SLU - Classe 1
  Sollecitazioni: N,Ed=-94.68 My,Ed=198.62 L=3.00
  αmy, αmz, αLT=0.95, 0.95, 0.95
  λ_Y=54.65 Ncr,y=259820.00 λ^*_y=0.72 Curva a: Φ_y=0.81 χ_y=0.84
  λ_Z=75.69 Ncr,z=135445.00 λ^*_z=0.99 Curva a: Φ_z=1.07 χ_z=0.67
  Kyy, Kyz, Kzy, Kzz=0.95, 0.57, 0.00, 0.95
  Verifica YY: 0.00+0.03=0.03
  Verifica ZZ: 0.00=0.00

- Verifica freccia massima per soli carichi accidentali - CC 23
  $f_{z,L}$=0.78 (L/384) $f_{z,G}$=0.04 (L/8202)

- Verifica freccia massima carichi totali - CC 23
  $f_{z,L}$=0.77 (L/389) $f_{z,G}$=0.03 (L/11280)

7.0 RISULTATI STRUTTURE FONDAZIONE BESS

7.1 Diagrammi tassi di sfruttamento

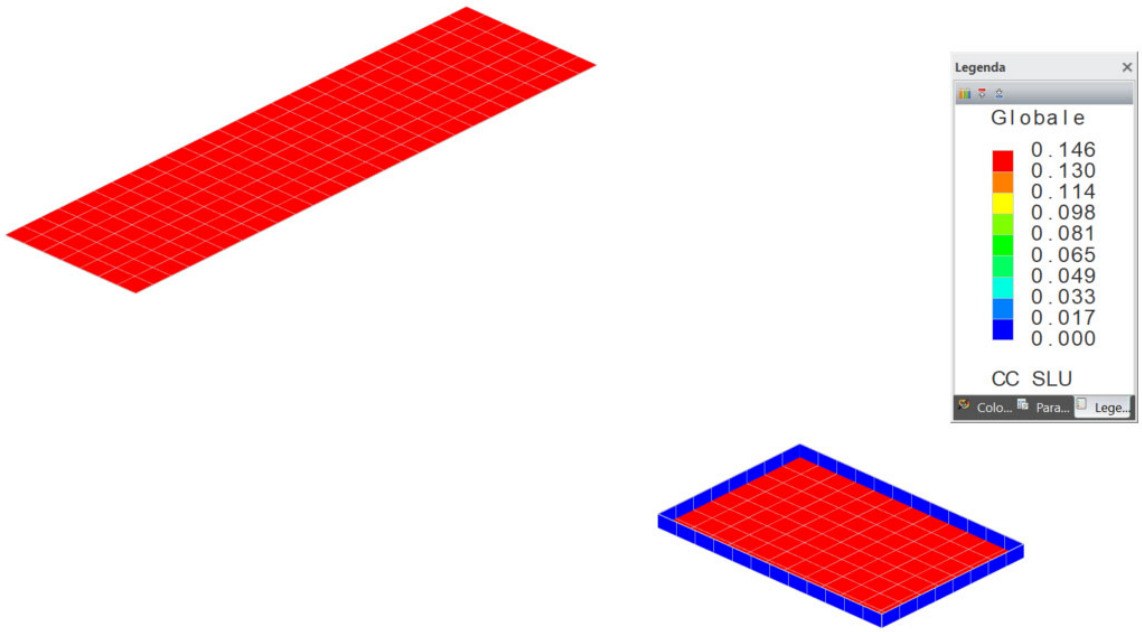
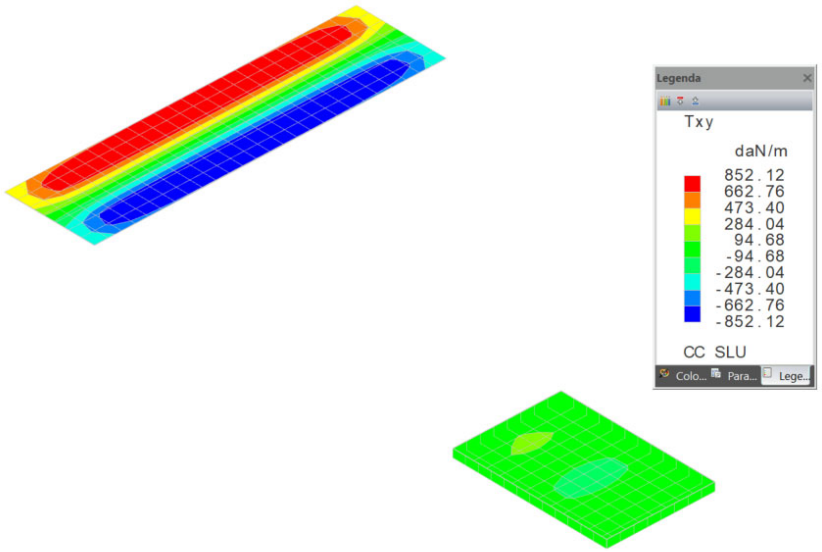


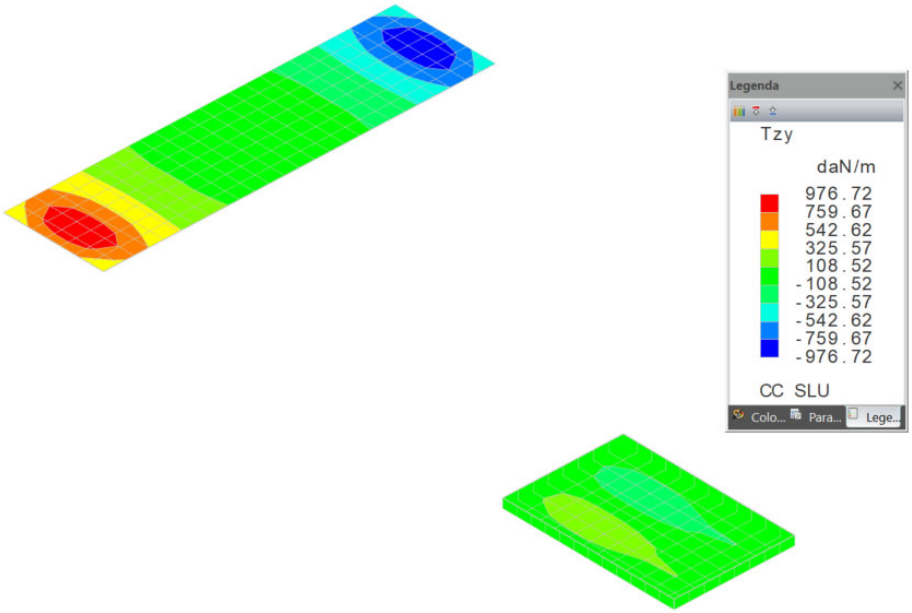
Diagramma tassi di sfruttamento resistenza combo SLU con valore massimo pari a 0,146

Figure 37: Tassi di sfruttamento SLU (Stato limite ultimo)

7.2 Sollecitazioni

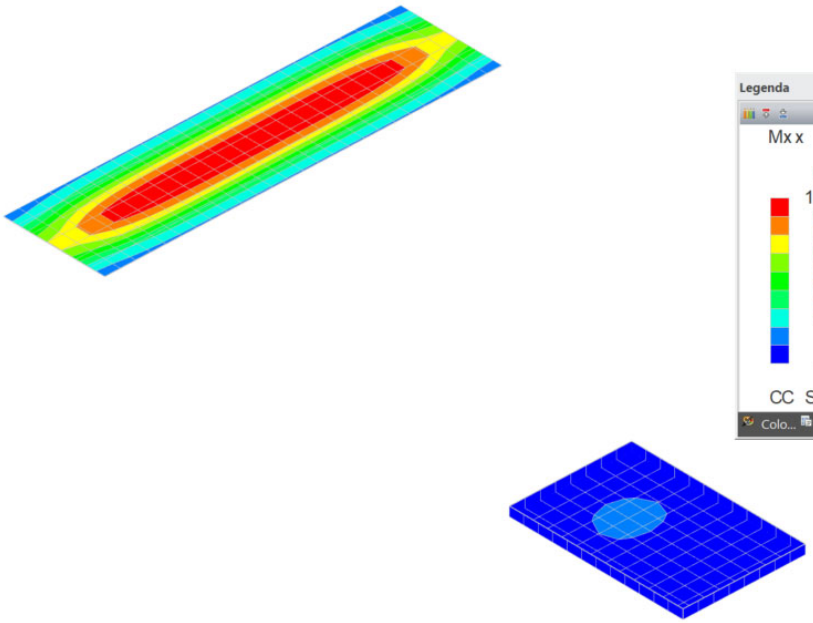


Inviluppo sforzo di taglio in direzione X su faccia con normale Y SLU Tmax = 852,12 daN/m

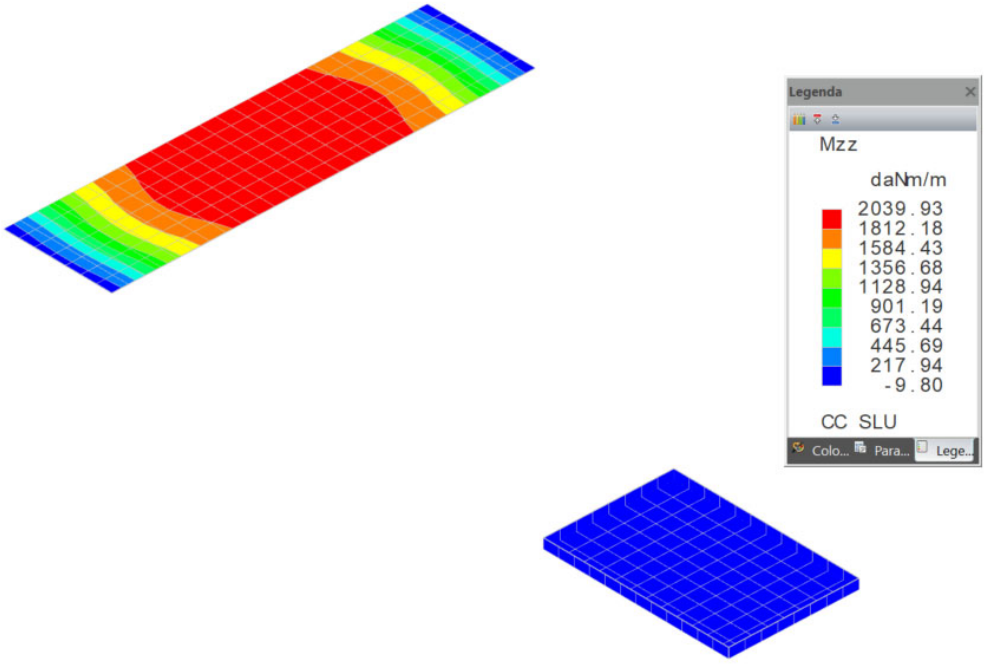


Inviluppo sforzo di taglio in direzione Z su faccia con normale Y SLU Tmax = 976,72 daN/m

Figure 38: Taglio



Inviluppo momento che genera tensioni in direzioni X su facce con normale X SLU Mmax = 1050,19 daN×m/m



Inviluppo momento che genera tensioni in direzioni Z su facce con normale Z SLU Mmax = 2039,93 daN×m/m

Figure 39: Momento Flettente

7.3 Tabulati di calcolo

Si riportano i tabulati di calcolo elaborati come output dal programma di calcolo.

Risultati del calcolo

Parametri di calcolo
La modellazione della struttura e la rielaborazione dei risultati del calcolo sono stati effettuati con:
ModeSt ver. 8.28, licenza n. 7279, prodotto da Tecnisoft s.a.s. - Prato
La struttura è stata calcolata utilizzando come solutore agli elementi finiti:
Xfinest ver. 9.5.3, licenza n. 3451, prodotto da Ce.A.S. S.r.l. - Milano

Tipo di normativa: stati limite D.M. 18
Tipo di calcolo: statico
Vincoli esterni: Considera sempre vincoli assegnati in modellazione
Schematizzazione piani rigidi: nessun impalcato rigido
Modalità di recupero masse secondarie: mantenere sul nodo masse e forze relative

Generazione combinazioni

- Lineari: Sì
- Valuta spostamenti e non sollecitazioni: No
- Buckling: No

Opzioni di calcolo

- Sono state considerate infinitamente rigide le zone di connessione fra travi, pilastri ed elementi bidimensionali con una riduzione del 20%
- Calcolo con offset rigidi dai nodi: No
- Uniformare i carichi variabili: No
- Massimizzare i carichi variabili: No
- Recupero carichi zone rigide: taglio e momento flettente

Opzioni del solutore

- Tipo di elemento bidimensionale: QF46
- Calcolo sforzo nei nodi: No
- Trascura deformabilità a taglio delle aste: No
- Analisi dinamica con metodo di Lanczos: Sì
- Check sequenza di Sturm: Sì
- Analisi non lineare con Newton modificato: No
- Usa formulazione secante per buckling: No
- Trascura buckling torsionale: No

Dati struttura

- Edificio esistente: No
- Tipo di opera: Opera ordinaria
- Vita nominale V_N: 50.00
- Classe d'uso: Classe II
- Forze orizzontali convenzionali per stati limite non sismici: No
- Genera stati limite per verifiche di resistenza al fuoco: No

Ambienti di carico
Simbologia
N =Numero
Comm. =Commento
1 =G1 - permanenti strutturali
2 =G2 - permanenti non strutturali
3 =Q - Variabili cat. E
F =azioni orizzontali convenzionali
SLU =Stato limite ultimo
SLR =Stato limite per combinazioni rare
SLF =Stato limite per combinazioni frequenti
SLQ/D =Stato limite per combinazioni quasi permanenti o di danno
S = Sì
N = No

N	Comm.	1	2	3	SLU	SLR	SLF	SLQ
1	Calcolo statico	S	S	S	S	S	S	S

Elenco combinazioni di carico simboliche

Simbologia
CC =Numero della combinazione delle condizioni di carico elementari
Comm. =Commento
TCC =Tipo di combinazione di carico
SLU = Stato limite ultimo
SLE R = Stato limite d'esercizio, combinazione rara
SLE F = Stato limite d'esercizio, combinazione frequente
SLE Q = Stato limite d'esercizio, combinazione quasi permanente

CC	Comm.	TCC	1	2	3
1	Amb. 1 (SLU)	SLU	γ max	γ max	γ max
2	Amb. 1 (SLE R)	SLE R	1	1	1
3	Amb. 1 (SLE F)	SLE F	1	1	ψ_1
4	Amb. 1 (SLE Q)	SLE Q	1	1	ψ_2

Genera le combinazioni con un solo carico di tipo variabile come di base: Sì

Considera sollecitazioni dinamiche con segno dei modi principali: No

Combinazioni delle CCE

Simbologia
An. =Tipo di analisi
L = Lineare
NL = Non lineare
Bk =Buckling

S = Sì
N = No
CC = Numero della combinazione delle condizioni di carico elementari
Comm. = Commento
TCC = Tipo di combinazione di carico
SLU = Stato limite ultimo
SLE R = Stato limite d'esercizio, combinazione rara
SLE F = Stato limite d'esercizio, combinazione frequente
SLE Q = Stato limite d'esercizio, combinazione quasi permanente

CC	Comm.	TCC	An.	Bk	1	2	3
1	Amb. 1 (SLU)	SLU	L	N	1.30	1.50	1.50
2	Amb. 1 (SLE R)	SLE R	L	N	1.00	1.00	1.00
3	Amb. 1 (SLE F)	SLE F	L	N	1.00	1.00	0.90
4	Amb. 1 (SLE Q)	SLE Q	L	N	1.00	1.00	0.80

Tensioni sul terreno

Simbologia
σ_t = Tensione sul terreno
CC = Numero della combinazione delle condizioni di carico elementari
Nodo = Numero del nodo
TCC = Tipo di combinazione di carico
SLU = Stato limite ultimo
SLE R = Stato limite d'esercizio, combinazione rara
SLE F = Stato limite d'esercizio, combinazione frequente
SLE Q = Stato limite d'esercizio, combinazione quasi permanente

Nodo		CC	TCC	σ_t <daN/cmq>
-424	Max	1	SLU	0.25
-422	Min.	4	SLE Q	0.19
-419	Max	1	SLU	0.25
-417	Min.	4	SLE Q	0.19
-414	Max	1	SLU	0.25
-412	Min.	4	SLE Q	0.19
-409	Max	1	SLU	0.25
-407	Min.	4	SLE Q	0.19
-404	Max	1	SLU	0.25
-402	Min.	4	SLE Q	0.19
-399	Max	1	SLU	0.25
-397	Min.	4	SLE Q	0.19
-394	Max	1	SLU	0.25
-392	Min.	4	SLE Q	0.19
-389	Max	1	SLU	0.25
-387	Min.	4	SLE Q	0.19
-379	Max	1	SLU	0.26
-377	Min.	4	SLE Q	0.19
-344	Max	1	SLU	0.41
-342	Min.	4	SLE Q	0.29
-339	Max	1	SLU	0.42
-337	Min.	4	SLE Q	0.29
-334	Max	1	SLU	0.42
-332	Min.	4	SLE Q	0.30
-329	Max	1	SLU	0.42
-327	Min.	4	SLE Q	0.30
-324	Max	1	SLU	0.43
-322	Min.	4	SLE Q	0.30
-319	Max	1	SLU	0.43
-317	Min.	4	SLE Q	0.30
-314	Max	1	SLU	0.43
-312	Min.	4	SLE Q	0.31
-309	Max	1	SLU	0.44
-307	Min.	4	SLE Q	0.31
-304	Max	1	SLU	0.45
-302	Min.	4	SLE Q	0.31
-299	Max	1	SLU	0.45
-297	Min.	4	SLE Q	0.31
-294	Max	1	SLU	0.45
-292	Min.	4	SLE Q	0.32
-289	Max	1	SLU	0.45
-287	Min.	4	SLE Q	0.32
-284	Max	1	SLU	0.46
-282	Min.	4	SLE Q	0.32
-279	Max	1	SLU	0.46
-277	Min.	4	SLE Q	0.32
-274	Max	1	SLU	0.46
-272	Min.	4	SLE Q	0.32
-269	Max	1	SLU	0.46
-267	Min.	4	SLE Q	0.32
-264	Max	1	SLU	0.46
-262	Min.	4	SLE Q	0.33
-259	Max	1	SLU	0.47
-257	Min.	4	SLE Q	0.32
-254	Max	1	SLU	0.47
-252	Min.	4	SLE Q	0.33
-249	Max	1	SLU	0.47
-247	Min.	4	SLE Q	0.33
-244	Max	1	SLU	0.47
-242	Min.	4	SLE Q	0.33
-239	Max	1	SLU	0.47
-237	Min.	4	SLE Q	0.33
-234	Max	1	SLU	0.47
-232	Min.	4	SLE Q	0.33
-229	Max	1	SLU	0.47
-227	Min.	4	SLE Q	0.33
-224	Max	1	SLU	0.47
-222	Min.	4	SLE Q	0.33
-219	Max	1	SLU	0.47
-217	Min.	4	SLE Q	0.33
-214	Max	1	SLU	0.47

Nodo		CC	TCC	σ_t <daN/cmq>
-424	Min.	4	SLE Q	0.18
-421	Max	1	SLU	0.26
-419	Min.	4	SLE Q	0.18
-416	Max	1	SLU	0.26
-414	Min.	4	SLE Q	0.18
-411	Max	1	SLU	0.26
-409	Min.	4	SLE Q	0.18
-406	Max	1	SLU	0.26
-404	Min.	4	SLE Q	0.18
-401	Max	1	SLU	0.26
-399	Min.	4	SLE Q	0.18
-396	Max	1	SLU	0.26
-394	Min.	4	SLE Q	0.18
-391	Max	1	SLU	0.26
-389	Min.	4	SLE Q	0.18
-386	Max	1	SLU	0.26
-379	Min.	4	SLE Q	0.19
-376	Max	1	SLU	0.26
-344	Min.	4	SLE Q	0.29
-341	Max	1	SLU	0.42
-339	Min.	4	SLE Q	0.29
-336	Max	1	SLU	0.42
-334	Min.	4	SLE Q	0.30
-331	Max	1	SLU	0.42
-329	Min.	4	SLE Q	0.30
-326	Max	1	SLU	0.43
-324	Min.	4	SLE Q	0.30
-321	Max	1	SLU	0.43
-319	Min.	4	SLE Q	0.30
-316	Max	1	SLU	0.44
-314	Min.	4	SLE Q	0.30
-311	Max	1	SLU	0.44
-309	Min.	4	SLE Q	0.31
-306	Max	1	SLU	0.44
-304	Min.	4	SLE Q	0.31
-301	Max	1	SLU	0.45
-299	Min.	4	SLE Q	0.31
-296	Max	1	SLU	0.45
-294	Min.	4	SLE Q	0.32
-291	Max	1	SLU	0.45
-289	Min.	4	SLE Q	0.32
-286	Max	1	SLU	0.46
-284	Min.	4	SLE Q	0.32
-281	Max	1	SLU	0.46
-279	Min.	4	SLE Q	0.32
-276	Max	1	SLU	0.46
-274	Min.	4	SLE Q	0.32
-271	Max	1	SLU	0.46
-269	Min.	4	SLE Q	0.32
-266	Max	1	SLU	0.46
-264	Min.	4	SLE Q	0.32
-261	Max	1	SLU	0.47
-259	Min.	4	SLE Q	0.33
-256	Max	1	SLU	0.47
-254	Min.	4	SLE Q	0.33
-251	Max	1	SLU	0.47
-249	Min.	4	SLE Q	0.33
-246	Max	1	SLU	0.47
-244	Min.	4	SLE Q	0.33
-241	Max	1	SLU	0.47
-239	Min.	4	SLE Q	0.33
-236	Max	1	SLU	0.47
-234	Min.	4	SLE Q	0.33
-231	Max	1	SLU	0.47
-229	Min.	4	SLE Q	0.33
-226	Max	1	SLU	0.47
-224	Min.	4	SLE Q	0.33
-221	Max	1	SLU	0.47
-219	Min.	4	SLE Q	0.33
-216	Max	1	SLU	0.46
-214	Min.	4	SLE Q	0.33

Nodo		CC	TCC	σ_t <daN/cmq>
-423	Max	1	SLU	0.26
-421	Min.	4	SLE Q	0.19
-418	Max	1	SLU	0.26
-416	Min.	4	SLE Q	0.19
-413	Max	1	SLU	0.26
-411	Min.	4	SLE Q	0.19
-408	Max	1	SLU	0.26
-406	Min.	4	SLE Q	0.19
-403	Max	1	SLU	0.26
-401	Min.	4	SLE Q	0.19
-398	Max	1	SLU	0.26
-396	Min.	4	SLE Q	0.19
-393	Max	1	SLU	0.26
-391	Min.	4	SLE Q	0.19
-388	Max	1	SLU	0.26
-386	Min.	4	SLE Q	0.19
-378	Max	1	SLU	0.26
-376	Min.	4	SLE Q	0.18
-343	Max	1	SLU	0.42
-341	Min.	4	SLE Q	0.29
-338	Max	1	SLU	0.42
-336	Min.	4	SLE Q	0.30
-333	Max	1	SLU	0.42
-331	Min.	4	SLE Q	0.30
-328	Max	1	SLU	0.43
-326	Min.	4	SLE Q	0.30
-323	Max	1	SLU	0.43
-321	Min.	4	SLE Q	0.30
-318	Max	1	SLU	0.44
-316	Min.	4	SLE Q	0.30
-313	Max	1	SLU	0.43
-311	Min.	4	SLE Q	0.31
-308	Max	1	SLU	0.44
-306	Min.	4	SLE Q	0.31
-303	Max	1	SLU	0.45
-301	Min.	4	SLE Q	0.31
-298	Max	1	SLU	0.45
-296	Min.	4	SLE Q	0.32
-293	Max	1	SLU	0.45
-291	Min.	4	SLE Q	0.32
-288	Max	1	SLU	0.46
-286	Min.	4	SLE Q	0.32
-283	Max	1	SLU	0.46
-281	Min.	4	SLE Q	0.32
-278	Max	1	SLU	0.46
-276	Min.	4	SLE Q	0.32
-273	Max	1	SLU	0.46
-271	Min.	4	SLE Q	0.32
-268	Max	1	SLU	0.46
-266	Min.	4	SLE Q	0.32
-263	Max	1	SLU	0.47
-261	Min.	4	SLE Q	0.33
-258	Max	1	SLU	0.47
-256	Min.	4	SLE Q	0.33
-253	Max	1	SLU	0.47
-251	Min.	4	SLE Q	0.33
-248	Max	1	SLU	0.47
-246	Min.	4	SLE Q	0.33
-243	Max	1	SLU	0.47
-241	Min.	4	SLE Q	0.33
-238	Max	1	SLU	0.47
-236	Min.	4	SLE Q	0.33
-233	Max	1	SLU	0.47
-231	Min.	4	SLE Q	0.33
-228	Max	1	SLU	0.47
-226	Min.	4	SLE Q	0.33
-223	Max	1	SLU	0.47
-221	Min.	4	SLE Q	0.33
-218	Max	1	SLU	0.47
-216	Min.	4	SLE Q	0.32
-213	Max	1	SLU	0.47

Nodo		CC	TCC	σ_t <daN/cmq>
-423	Min.	4	SLE Q	0.18
-420	Max	1	SLU	0.26
-418	Min.	4	SLE Q	0.18
-415	Max	1	SLU	0.26
-413	Min.	4	SLE Q	0.18
-410	Max	1	SLU	0.26
-408	Min.	4	SLE Q	0.18
-405	Max	1	SLU	0.26
-403	Min.	4	SLE Q	0.18
-400	Max	1	SLU	0.26
-398	Min.	4	SLE Q	0.18
-395	Max	1	SLU	0.26
-393	Min.	4	SLE Q	0.18
-390	Max	1	SLU	0.26
-388	Min.	4	SLE Q	0.18
-385	Max	1	SLU	0.26
-378	Min.	4	SLE Q	0.19
-375	Max	1	SLU	0.25
-343	Min.	4	SLE Q	0.29
-340	Max	1	SLU	0.42
-338	Min.	4	SLE Q	0.29
-335	Max	1	SLU	0.42
-333	Min.	4	SLE Q	0.30
-330	Max	1	SLU	0.42
-328	Min.	4	SLE Q	0.30
-325	Max	1	SLU	0.43
-323	Min.	4	SLE Q	0.30
-320	Max	1	SLU	0.43
-318	Min.	4	SLE Q	0.30
-315	Max	1	SLU	0.44
-313	Min.	4	SLE Q	0.30
-310	Max	1	SLU	0.44
-308	Min.	4	SLE Q	0.31
-305	Max	1	SLU	0.44
-303	Min.	4	SLE Q	0.31
-300	Max	1	SLU	0.45
-298	Min.	4	SLE Q	0.31
-295	Max	1	SLU	0.45
-293	Min.	4	SLE Q	0.32
-290	Max	1	SLU	0.45
-288	Min.	4	SLE Q	0.32
-285	Max	1	SLU	0.46
-283	Min.	4	SLE Q	0.32
-280	Max	1	SLU	0.46
-278	Min.	4	SLE Q	0.32
-275	Max	1	SLU	0.46
-273	Min.	4	SLE Q	0.32
-270	Max	1	SLU	0.46
-268	Min.	4	SLE Q	0.32
-265	Max	1	SLU	0.46
-263	Min.	4	SLE Q	0.32
-260	Max	1	SLU	0.47
-258	Min.	4	SLE Q	0.32
-255	Max	1	SLU	0.47
-253	Min.	4	SLE Q	0.33
-250	Max	1	SLU	0.47
-248	Min.	4	SLE Q	0.33
-245	Max	1	SLU	0.47
-243	Min.	4	SLE Q	0.33
-240	Max	1	SLU	0.47
-238	Min.	4	SLE Q	0.33
-235	Max	1	SLU	0.47
-233	Min.	4	SLE Q	0.33
-230	Max	1	SLU	0.47
-228	Min.	4	SLE Q	0.33
-225	Max	1	SLU	0.47
-223	Min.	4	SLE Q	0.33
-220	Max	1	SLU	0.47
-218	Min.	4	SLE Q	0.33
-215	Max	1	SLU	0.47
-213	Min.	4	SLE Q	0.33

Nodo		CC	TCC	σ_t <daN/cmq>
-422	Max	1	SLU	0.26
-420	Min.	4	SLE Q	0.19
-417	Max	1	SLU	0.26
-415	Min.	4	SLE Q	0.19
-412	Max	1	SLU	0.26
-410	Min.	4	SLE Q	0.19
-407	Max	1	SLU	0.26
-405	Min.	4	SLE Q	0.19
-402	Max	1	SLU	0.26
-400	Min.	4	SLE Q	0.19
-397	Max	1	SLU	0.26
-395	Min.	4	SLE Q	0.19
-392	Max	1	SLU	0.26
-390	Min.	4	SLE Q	0.19
-387	Max	1	SLU	0.26
-385	Min.	4	SLE Q	0.19
-377	Max	1	SLU	0.26
-375	Min.	4	SLE Q	0.18
-342	Max	1	SLU	0.42
-340	Min.	4	SLE Q	0.29
-337	Max	1	SLU	0.41
-335	Min.	4	SLE Q	0.30
-332	Max	1	SLU	0.42
-330	Min.	4	SLE Q	0.30
-327	Max	1	SLU	0.43
-325	Min.	4	SLE Q	0.30
-322	Max	1	SLU	0.43
-320	Min.	4	SLE Q	0.30
-317	Max	1	SLU	0.44
-315	Min.	4	SLE Q	0.30
-312	Max	1	SLU	0.44
-310	Min.	4	SLE Q	0.31
-307	Max	1	SLU	0.44
-305	Min.	4	SLE Q	0.31
-302	Max	1	SLU	0.45
-300	Min.	4	SLE Q	0.31
-297	Max	1	SLU	0.45
-295	Min.	4	SLE Q	0.32
-292	Max	1	SLU	0.45
-290	Min.	4	SLE Q	0.32
-287	Max	1	SLU	0.46
-285	Min.	4	SLE Q	0.32
-282	Max	1	SLU	0.46
-280	Min.	4	SLE Q	0.32
-277	Max	1	SLU	0.46
-275	Min.	4	SLE Q	0.32
-272	Max	1	SLU	0.46
-270	Min.	4	SLE Q	0.32
-267	Max	1	SLU	0.46
-265	Min.	4	SLE Q	0.32
-262	Max	1	SLU	0.47
-260	Min.	4	SLE Q	0.33
-257	Max	1	SLU	0.46
-255	Min.	4	SLE Q	0.33
-252	Max	1	SLU	0.47
-250	Min.	4	SLE Q	0.33
-247	Max	1	SLU	0.47
-245	Min.	4	SLE Q	0.33
-242	Max	1	SLU	0.47
-240	Min.	4	SLE Q	0.33
-237	Max	1	SLU	0.47
-235	Min.	4	SLE Q	0.33
-232	Max	1	SLU	0.47
-230	Min.	4	SLE Q	0.33
-227	Max	1	SLU	0.47
-225	Min.	4	SLE Q	0.33
-222	Max	1	SLU	0.47
-220	Min.	4	SLE Q	0.33
-217	Max	1	SLU	0.47
-215	Min.	4	SLE Q	0.32
-212	Max	1	SLU	0.47

-212	Min.	4	SLE Q	0.33	-211	Max	1	SLU	0.47	-211	Min.	4	SLE Q	0.33	-210	Max	1	SLU	0.47	-210	Min.	4	SLE Q	0.32
-209	Max	1	SLU	0.46	-209	Min.	4	SLE Q	0.32	-208	Max	1	SLU	0.46	-208	Min.	4	SLE Q	0.32	-207	Max	1	SLU	0.46
-207	Min.	4	SLE Q	0.32	-206	Max	1	SLU	0.46	-206	Min.	4	SLE Q	0.32	-205	Max	1	SLU	0.46	-205	Min.	4	SLE Q	0.32
-204	Max	1	SLU	0.46	-204	Min.	4	SLE Q	0.32	-203	Max	1	SLU	0.46	-203	Min.	4	SLE Q	0.32	-202	Max	1	SLU	0.46
-202	Min.	4	SLE Q	0.32	-201	Max	1	SLU	0.46	-201	Min.	4	SLE Q	0.32	-200	Max	1	SLU	0.24	-200	Min.	4	SLE Q	0.17
-199	Max	1	SLU	0.24	-199	Min.	4	SLE Q	0.18	-198	Max	1	SLU	0.24	-198	Min.	4	SLE Q	0.18	-197	Max	1	SLU	0.25
-197	Min.	4	SLE Q	0.18	-196	Max	1	SLU	0.25	-196	Min.	4	SLE Q	0.18	-195	Max	1	SLU	0.25	-195	Min.	4	SLE Q	0.18
-194	Max	1	SLU	0.25	-194	Min.	4	SLE Q	0.18	-193	Max	1	SLU	0.26	-193	Min.	4	SLE Q	0.19	-192	Max	1	SLU	0.46
-192	Min.	4	SLE Q	0.32	-191	Max	1	SLU	0.46	-191	Min.	4	SLE Q	0.32	-190	Max	1	SLU	0.46	-190	Min.	4	SLE Q	0.32
-189	Max	1	SLU	0.46	-189	Min.	4	SLE Q	0.32	-188	Max	1	SLU	0.46	-188	Min.	4	SLE Q	0.32	-187	Max	1	SLU	0.46
-187	Min.	4	SLE Q	0.32	-186	Max	1	SLU	0.46	-186	Min.	4	SLE Q	0.32	-185	Max	1	SLU	0.46	-185	Min.	4	SLE Q	0.32
-184	Max	1	SLU	0.24	-184	Min.	4	SLE Q	0.17	-183	Max	1	SLU	0.24	-183	Min.	4	SLE Q	0.18	-182	Max	1	SLU	0.24
-182	Min.	4	SLE Q	0.18	-181	Max	1	SLU	0.25	-181	Min.	4	SLE Q	0.18	-180	Max	1	SLU	0.25	-180	Min.	4	SLE Q	0.18
-179	Max	1	SLU	0.25	-179	Min.	4	SLE Q	0.18	-178	Max	1	SLU	0.25	-178	Min.	4	SLE Q	0.18	-177	Max	1	SLU	0.26
-177	Min.	4	SLE Q	0.19	-176	Max	1	SLU	0.46	-176	Min.	4	SLE Q	0.32	-175	Max	1	SLU	0.46	-175	Min.	4	SLE Q	0.32
-174	Max	1	SLU	0.46	-174	Min.	4	SLE Q	0.32	-173	Max	1	SLU	0.46	-173	Min.	4	SLE Q	0.32	-172	Max	1	SLU	0.46
-172	Min.	4	SLE Q	0.32	-171	Max	1	SLU	0.46	-171	Min.	4	SLE Q	0.32	-170	Max	1	SLU	0.46	-170	Min.	4	SLE Q	0.32
-169	Max	1	SLU	0.46	-169	Min.	4	SLE Q	0.32	-168	Max	1	SLU	0.24	-168	Min.	4	SLE Q	0.17	-167	Max	1	SLU	0.24
-167	Min.	4	SLE Q	0.18	-166	Max	1	SLU	0.24	-166	Min.	4	SLE Q	0.18	-165	Max	1	SLU	0.25	-165	Min.	4	SLE Q	0.18
-164	Max	1	SLU	0.25	-164	Min.	4	SLE Q	0.18	-163	Max	1	SLU	0.25	-163	Min.	4	SLE Q	0.18	-162	Max	1	SLU	0.25
-162	Min.	4	SLE Q	0.18	-161	Max	1	SLU	0.26	-161	Min.	4	SLE Q	0.19	-152	Max	1	SLU	0.45	-152	Min.	4	SLE Q	0.32
-151	Max	1	SLU	0.45	-151	Min.	4	SLE Q	0.32	-150	Max	1	SLU	0.45	-150	Min.	4	SLE Q	0.32	-149	Max	1	SLU	0.45
-149	Min.	4	SLE Q	0.32	-148	Max	1	SLU	0.45	-148	Min.	4	SLE Q	0.32	-147	Max	1	SLU	0.45	-147	Min.	4	SLE Q	0.32
-146	Max	1	SLU	0.45	-146	Min.	4	SLE Q	0.32	-145	Max	1	SLU	0.45	-145	Min.	4	SLE Q	0.32	-144	Max	1	SLU	0.24
-144	Min.	4	SLE Q	0.17	-143	Max	1	SLU	0.24	-143	Min.	4	SLE Q	0.18	-142	Max	1	SLU	0.24	-142	Min.	4	SLE Q	0.18
-141	Max	1	SLU	0.25	-141	Min.	4	SLE Q	0.18	-140	Max	1	SLU	0.25	-140	Min.	4	SLE Q	0.18	-139	Max	1	SLU	0.25
-139	Min.	4	SLE Q	0.18	-138	Max	1	SLU	0.25	-138	Min.	4	SLE Q	0.18	-137	Max	1	SLU	0.26	-137	Min.	4	SLE Q	0.19
-128	Max	1	SLU	0.45	-128	Min.	4	SLE Q	0.31	-127	Max	1	SLU	0.45	-127	Min.	4	SLE Q	0.31	-126	Max	1	SLU	0.45
-126	Min.	4	SLE Q	0.31	-125	Max	1	SLU	0.45	-125	Min.	4	SLE Q	0.31	-124	Max	1	SLU	0.45	-124	Min.	4	SLE Q	0.31
-123	Max	1	SLU	0.45	-123	Min.	4	SLE Q	0.31	-122	Max	1	SLU	0.45	-122	Min.	4	SLE Q	0.31	-121	Max	1	SLU	0.45
-121	Min.	4	SLE Q	0.31	-120	Max	1	SLU	0.24	-120	Min.	4	SLE Q	0.17	-119	Max	1	SLU	0.24	-119	Min.	4	SLE Q	0.18
-118	Max	1	SLU	0.24	-118	Min.	4	SLE Q	0.18	-117	Max	1	SLU	0.25	-117	Min.	4	SLE Q	0.18	-116	Max	1	SLU	0.25
-116	Min.	4	SLE Q	0.18	-115	Max	1	SLU	0.25	-115	Min.	4	SLE Q	0.18	-114	Max	1	SLU	0.25	-114	Min.	4	SLE Q	0.18
-113	Max	1	SLU	0.26	-113	Min.	4	SLE Q	0.19	-104	Max	1	SLU	0.44	-104	Min.	4	SLE Q	0.31	-103	Max	1	SLU	0.44
-103	Min.	4	SLE Q	0.31	-102	Max	1	SLU	0.44	-102	Min.	4	SLE Q	0.31	-101	Max	1	SLU	0.44	-101	Min.	4	SLE Q	0.31
-100	Max	1	SLU	0.44	-100	Min.	4	SLE Q	0.31	-99	Max	1	SLU	0.44	-99	Min.	4	SLE Q	0.31	-98	Max	1	SLU	0.44
-98	Min.	4	SLE Q	0.31	-97	Max	1	SLU	0.44	-97	Min.	4	SLE Q	0.31	-96	Max	1	SLU	0.24	-96	Min.	4	SLE Q	0.17
-95	Max	1	SLU	0.24	-95	Min.	4	SLE Q	0.18	-94	Max	1	SLU	0.24	-94	Min.	4	SLE Q	0.18	-93	Max	1	SLU	0.25
-93	Min.	4	SLE Q	0.18	-92	Max	1	SLU	0.25	-92	Min.	4	SLE Q	0.18	-91	Max	1	SLU	0.25	-91	Min.	4	SLE Q	0.18
-90	Max	1	SLU	0.25	-90	Min.	4	SLE Q	0.18	-89	Max	1	SLU	0.26	-89	Min.	4	SLE Q	0.19	-80	Max	1	SLU	0.43
-80	Min.	4	SLE Q	0.30	-79	Max	1	SLU	0.43	-79	Min.	4	SLE Q	0.30	-78	Max	1	SLU	0.44	-78	Min.	4	SLE Q	0.30
-77	Max	1	SLU	0.44	-77	Min.	4	SLE Q	0.30	-76	Max	1	SLU	0.44	-76	Min.	4	SLE Q	0.30	-75	Max	1	SLU	0.44
-75	Min.	4	SLE Q	0.30	-74	Max	1	SLU	0.43	-74	Min.	4	SLE Q	0.30	-73	Max	1	SLU	0.43	-73	Min.	4	SLE Q	0.30
-72	Max	1	SLU	0.24	-72	Min.	4	SLE Q	0.17	-71	Max	1	SLU	0.24	-71	Min.	4	SLE Q	0.18	-70	Max	1	SLU	0.24
-70	Min.	4	SLE Q	0.18	-69	Max	1	SLU	0.25	-69	Min.	4	SLE Q	0.18	-68	Max	1	SLU	0.25	-68	Min.	4	SLE Q	0.18
-67	Max	1	SLU	0.25	-67	Min.	4	SLE Q	0.18	-66	Max	1	SLU	0.25	-66	Min.	4	SLE Q	0.18	-65	Max	1	SLU	0.26
-65	Min.	4	SLE Q	0.19	-56	Max	1	SLU	0.43	-56	Min.	4	SLE Q	0.30	-55	Max	1	SLU	0.43	-55	Min.	4	SLE Q	0.30
-54	Max	1	SLU	0.43	-54	Min.	4	SLE Q	0.30	-53	Max	1	SLU	0.43	-53	Min.	4	SLE Q	0.30	-52	Max	1	SLU	0.43
-52	Min.	4	SLE Q	0.30	-51	Max	1	SLU	0.43	-51	Min.	4	SLE Q	0.30	-50	Max	1	SLU	0.43	-50	Min.	4	SLE Q	0.30
-49	Max	1	SLU	0.43	-49	Min.	4	SLE Q	0.30	-48	Max	1	SLU	0.24	-48	Min.	4	SLE Q	0.17	-47	Max	1	SLU	0.24
-47	Min.	4	SLE Q	0.18	-46	Max	1	SLU	0.24	-46	Min.	4	SLE Q	0.18	-45	Max	1	SLU	0.25	-45	Min.	4	SLE Q	0.18
-44	Max	1	SLU	0.25	-44	Min.	4	SLE Q	0.18	-43	Max	1	SLU	0.25	-43	Min.	4	SLE Q	0.18	-42	Max	1	SLU	0.25
-42	Min.	4	SLE Q	0.18	-41	Max	1	SLU	0.26	-41	Min.	4	SLE Q	0.19	-32	Max	1	SLU	0.42	-32	Min.	4	SLE Q	0.30
-31	Max	1	SLU	0.42	-31	Min.	4	SLE Q	0.30	-30	Max	1	SLU	0.42	-30	Min.	4	SLE Q	0.30	-29	Max	1	SLU	0.42
-29	Min.	4	SLE Q	0.30	-28	Max	1	SLU	0.42	-28	Min.	4	SLE Q	0.30	-27	Max	1	SLU	0.42	-27	Min.	4	SLE Q	0.30
-26	Max	1	SLU	0.42	-26	Min.	4	SLE Q	0.30	-25	Max	1	SLU	0.42	-25	Min.	4	SLE Q	0.30	-24	Max	1	SLU	0.24
-24	Min.	4	SLE Q	0.17	-23	Max	1	SLU	0.24	-23	Min.	4	SLE Q	0.18	-22	Max	1	SLU	0.24	-22	Min.	4	SLE Q	0.18
-21	Max	1	SLU	0.25	-21	Min.	4	SLE Q	0.18	-20	Max	1	SLU	0.25	-20	Min.	4	SLE Q	0.18	-19	Max	1	SLU	0.25
-19	Min.	4	SLE Q	0.18	-18	Max	1	SLU	0.25	-18	Min.	4	SLE Q	0.18	-17	Max	1	SLU	0.26	-17	Min.	4	SLE Q	0.19
-8	Max	1	SLU	0.41	-8	Min.	4	SLE Q	0.29	-7	Max	1	SLU	0.42	-7	Min.	4	SLE Q	0.29	-6	Max	1	SLU	0.42
-6	Min.	4	SLE Q	0.29	-5	Max	1	SLU	0.42	-5	Min.	4	SLE Q	0.29	-4	Max	1	SLU	0.42	-4	Min.	4	SLE Q	0.29
-3	Max	1	SLU	0.42	-3	Min.	4	SLE Q	0.29	-2	Max	1	SLU	0.42	-2	Min.	4	SLE Q	0.29	-1	Max	1	SLU	0.41
-1	Min.	4	SLE Q	0.29																				

Sollecitazioni elementi bidimensionali
Simbologia

σ_{xx} = Tensione normale sulle facce perp. all'asse X
σ_{zz} = Tensione normale sulle facce perp. all'asse Z
τ_{xy} = Tensione in dir. Y sulle facce perp. all'asse X
τ_{xz} = Tensione in dir. Z sulle facce perp. all'asse X
τ_{zy} = Tensione in dir. Y sulle facce perp. all'asse Z
Bid. = Numero del muro/elemento bidimensionale
CC = Numero della combinazione delle condizioni di carico elementari
Mxx = Momento che provoca variazione di tensione sulle facce perp. all'asse X
Mxz = Momento che provoca variazione di tensione tangenziale sulle facce perp. all'asse X
Mzz = Momento che provoca variazione di tensione sulle facce perp. all'asse Z
Nodo = Numero del nodo
TCC = Tipo di combinazione di carico
SLU = Stato limite ultimo
SLE R = Stato limite d'esercizio, combinazione rara
SLE F = Stato limite d'esercizio, combinazione frequente
SLE Q = Stato limite d'esercizio, combinazione quasi permanente

Bid. 8

	CC	TCC	Nodo	Min.	CC	TCC	Nodo	Max		CC	TCC	Nodo	Min.	CC	TCC	Nodo	Max
σ_{xx} <daN/mq>	1	SLU	-53	0	1	SLU	-326	0	σ_{zz} <daN/mq>	1	SLU	-80	0	1	SLU	-327	0
τ_{xz} <daN/mq>	1	SLU	-53	0	1	SLU	-331	0	Mxx <daNm/m>	2	SLE R	-337	70	1	SLU	-236	1116
Mzz <daNm/m>	2	SLE R	-337	79	1	SLU	-237	2046	Mxz <daNm/m>	1	SLU	-50	-93	1	SLU	-323	93
τ_{zy} <daN/mq>	1	SLU	-332	-2298	1	SLU	-28	2298	τ_{xy} <daN/mq>	1	SLU	-247	-2096	1	SLU	-226	2096

Bid. 10

	CC	TCC	Nodo	Min.	CC	TCC	Nodo	Max		CC	TCC	Nodo	Min.	CC	TCC	Nodo	Max
σ_{xx} <daN/mq>	1	SLU	-181	0	1	SLU	-417	0	σ_{zz} <daN/mq>	1	SLU	-181	0	1	SLU	-417	0
τ_{xz} <daN/mq>	1	SLU	-181	0	1	SLU	-417	0	Mxx <daNm/m>	1	SLU	-140	-64	1	SLU	-403	98
Mzz <daNm/m>	1	SLU	-45	-15	1	SLU	-402	216	Mxz <daNm/m>	1	SLU	-178	-42	1	SLU	-43	42
τ_{zy} <daN/mq>	1	SLU	-393	-560	1	SLU	-407	560	τ_{xy} <daN/mq>	1	SLU	-115	-448	1	SLU	-401	335

Bid. 11

	CC	TCC	Nodo	Min.	CC	TCC	Nodo	Max		CC	TCC	Nodo	Min.	CC	TCC	Nodo	Max
σ_{xx} <daN/mq>	1	SLU	-423	-282	1	SLU	-348	709	σ_{zz} <daN/mq>	1	SLU	-428	-516	2	SLE R	-352	-345
τ_{xz} <daN/mq>	1	SLU	-24	-147	1	SLU	-18	133	Mxx <daNm/m>	1	SLU	-345	-0	1	SLU	-427	0
Mzz <daNm/m>	1	SLU	-351	-0	1	SLU	-427	0	Mxz <daNm/m>	1	SLU	-420	-1	1	SLU	-347	1
τ_{zy} <daN/mq>	1	SLU	-420	-34	1	SLU	-350	7	τ_{xy} <daN/mq>	1	SLU	-348	-32	1	SLU	-17	29

Bid. 12

	CC	TCC	Nodo	Min.	CC	TCC	Nodo	Max		CC	TCC	Nodo	Min.	CC	TCC	Nodo	Max
σ_{xx} <daN/mq>	1	SLU	-144	-813	2	SLE R	-366	-0	σ_{zz} <daN/mq>	1	SLU	-72	-525	4	SLE Q	-360	-346
τ_{xz} <daN/mq>	1	SLU	-96	-153	1	SLU	-362	153	Mxx <daNm/m>	1	SLU	-200	-0	1	SLU	-360	0
Mzz <daNm/m>	1	SLU	-184	-0	1	SLU	-360	0	Mxz <daNm/m>	1	SLU	-72	-1	1	SLU	-364	1
τ_{zy} <daN/mq>	1	SLU	-200	-19	1	SLU	-364	6	τ_{xy} <daN/mq>	1	SLU	-200	-20	1	SLU	-352	20

Bid. 13

	CC	TCC	Nodo	Min.	CC	TCC	Nodo	Max		CC	TCC	Nodo	Min.	CC	TCC	Nodo	Max
σ_{xx} <daN/mq>	1	SLU	-384	-282	1	SLU	-197	709	σ_{zz} <daN/mq>	1	SLU	-380	-516	2	SLE R	-373	-345
τ_{xz} <daN/mq>	1	SLU	-369	-133	1	SLU	-373	147	Mxx <daNm/m>	1	SLU	-193	-0	1	SLU	-382	0
Mzz <daNm/m>	1	SLU	-372	-0	1	SLU	-382	0	Mxz <daNm/m>	1	SLU	-195	-1	1	SLU	-378	1
τ_{zy} <daN/mq>	1	SLU	-380	-34	1	SLU	-373	7	τ_{xy} <daN/mq>	1	SLU	-380	-29	1	SLU	-196	32

Bid. 14

	CC	TCC	Nodo	Min.	CC	TCC	Nodo	Max		CC	TCC	Nodo	Min.	CC	TCC	Nodo	Max
σ_{xx} <daN/mq>	1	SLU	-89	-1902	2	SLE R	-367	-75	σ_{zz} <daN/mq>	1	SLU	-41	-537	4	SLE Q	-359	-322
τ_{xz} <daN/mq>	1	SLU	-137	-308	1	SLU	-357	308	Mxx <daNm/m>	1	SLU	-177	-0	1	SLU	-359	0
Mzz <daNm/m>	1	SLU	-161	-0	1	SLU	-359	0	Mxz <daNm/m>	1	SLU	-161	-1	1	SLU	-355	1
τ_{zy} <daN/mq>	1	SLU	-17	-26	1	SLU	-355	7	τ_{xy} <daN/mq>	1	SLU	-17	-30	1	SLU	-367	30

Verifiche e armature solette/platee

Simbologia

Δ_{sm} = Distanza media tra le fessure
Φ_{eq} = Diametro equivalente delle barre
ε_{sm} = Deformazione unitaria media dell'armatura (*1000)
σ_c = Tensione nel calcestruzzo
σ_f = Tensione nel ferro
σ_s = Tensione nell'acciaio nella sezione fessurata
$A_{c\ eff}$ = Area di calcestruzzo efficace
A_s = Area complessiva dei ferri nell'area di calcestruzzo efficace
AfE I = Area di ferro effettiva totale presente nel punto di verifica, inferiore
AfE S = Area di ferro effettiva totale presente nel punto di verifica, superiore
AfE St. = Area di ferro effettiva della staffatura
CC = Numero della combinazione delle condizioni di carico elementari
Cf inf = Copriferro inferiore
Cf sup = Copriferro superiore
Cls = Tipo di calcestruzzo
DV = Direzione di verifica
  XX = Verifica per momento Mxx
  YY = Verifica per momento Myy
Fcd = Resistenza di calcolo a compressione del calcestruzzo
Fck = Resistenza caratteristica cilindrica a compressione del calcestruzzo
Fctd = Resistenza di calcolo a trazione del calcestruzzo
Fctk = Resistenza caratteristica a trazione del calcestruzzo
Fyd = Resistenza di calcolo dell'acciaio
Fyk = Tensione caratteristica di snervamento dell'acciaio
K_2 = Coefficiente per distribuzione deformazioni
MRdy = Momento resistente allo stato limite ultimo intorno all'asse Y
Mom = Momento flettente
My = Momento flettente intorno all'asse Y
Nodo = Numero del nodo
Sic. = Sicurezza
Spess. = Spessore
TCC = Tipo di combinazione di carico
  SLU = Stato limite ultimo
  SLE R = Stato limite d'esercizio, combinazione rara
  SLE F = Stato limite d'esercizio, combinazione frequente
  SLE Q = Stato limite d'esercizio, combinazione quasi permanente
Tp = Tipo di acciaio
VRcd = Taglio ultimo lato calcestruzzo
VRsd = Taglio ultimo lato armatura
Vrdu = Taglio ultimo resistente
Vsdu = Taglio agente nella direzione del momento ultimo
Wk = Ampiezza caratteristica delle fessure
X = Coordinata X del nodo
Y = Coordinata Y del nodo
c = Ricoprimento dell'armatura
ctgθ = Cotangente dell'angolo di inclinazione dei puntoni di calcestruzzo
s = Distanza massima tra le barre

Armatura platea a quota 0.00

Caratteristiche delle sezioni e dei materiali utilizzati

Spess. <cm>	Cf sup <cm>	Cf inf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Tp	Fyk <daN/cmq>	Fyd <daN/cmq>
50.00	3.50	3.50	C32/40	332.00	21.69	188.13	14.46	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/pressoflessione

Nodo	X <m>	Y <m>	DV	CC	TCC	AfE S <cmq>	AfE I <cmq>	My <daNm>	MRdy <daNm>	Sic.
-236	2.50	7.50	XX	1	SLU	7.70	7.70	1050.19	13950.30	13.284
-181	23.00	4.50	XX	1	SLU	7.70	7.70	-59.34	-13950.30	>100
-403	20.50	3.00	XX	1	SLU	7.70	7.70	96.68	13950.30	>100
-237	3.00	7.50	YY	1	SLU	7.70	7.70	2039.93	13950.30	6.839
-21	23.00	1.00	YY	1	SLU	7.70	7.70	-14.81	-13950.30	>100
-403	20.50	3.00	YY	1	SLU	7.70	7.70	215.43	13950.30	64.757

Stato limite ultimo - Verifiche a taglio

Nodo	X <m>	Y <m>	DV	CC	TCC	AfE S <cmq>	AfE I <cmq>	AfE St. <cmq/m>	Vsdu <daN>	ctgθ	VRcd <daN>	VRsd <daN>	Vrdu <daN>	Sic.
-218	1.50	6.50	XX	1	SLU	7.70	7.70		852.12				19980.80	23.448
-115	22.00	3.00	XX	1	SLU	7.70	7.70		179.15				19980.80	>100
-52	2.50	2.00	YY	1	SLU	7.70	7.70		976.72				19980.80	20.457
-413	20.50	2.00	YY	1	SLU	7.70	7.70		257.66				19980.80	77.547

Stato limite d'esercizio - Verifiche tensionali

Nodo	X <m>	Y <m>	DV	CC	TCC	AfE S <cmq>	AfE I <cmq>	Mom <daNm>	σ_c <daN/cmq>	σ_f <daN/cmq>
-237	3.00	7.50	XX	2	SLE R	7.70	7.70	700.12	3.20	209.00
-236	2.50	7.50	XX	4	SLE Q	7.70	7.70	717.27	3.28	214.12
-116	22.50	3.00	XX	2	SLE R	7.70	7.70	-57.03	0.26	17.02
-92	22.50	2.50	XX	4	SLE Q	7.70	7.70	-48.37	0.22	14.44
-403	20.50	3.00	XX	4	SLE Q	7.70	7.70	60.92	0.28	18.19
-403	20.50	3.00	XX	2	SLE R	7.70	7.70	45.94	0.21	13.71
-236	2.50	7.50	YY	2	SLE R	7.70	7.70	1359.95	6.21	405.96
-236	2.50	7.50	YY	4	SLE Q	7.70	7.70	1393.26	6.36	415.90
-21	23.00	1.00	YY	2	SLE R	7.70	7.70	-13.16	0.06	3.93
-21	23.00	1.00	YY	4	SLE Q	7.70	7.70	-11.96	0.05	3.57
-403	20.50	3.00	YY	2	SLE R	7.70	7.70	129.06	0.59	38.53
-403	20.50	3.00	YY	4	SLE Q	7.70	7.70	152.06	0.69	45.39

Stato limite d'esercizio - Verifiche a fessurazione

Nodo	X <m>	Y <m>	DV	CC	TCC	c <mm>	s <mm>	K_2	Φ_{eq}	Δ_{sm} <mm>	A_s <cmq>	$A_{c\ eff}$ <cmq>	σ_s <daN/cmq>	ε_{sm}	Wk <mm>
-236	2.50	7.50	XX	4	SLE Q	28.00	200.00	0.50	14.00	309.89	9.24	875.00	214.12	0.06	0.03
-236	2.50	7.50	XX	3	SLE F	28.00	200.00	0.50	14.00	309.89	9.24	875.00	211.56	0.06	0.03
-92	22.50	2.50	XX	4	SLE Q	28.00	200.00	0.50	14.00	309.89	9.24	875.00	14.44	0.00	0.00
-116	22.50	3.00	XX	3	SLE F	28.00	200.00	0.50	14.00	309.89	9.24	875.00	15.73	0.00	0.00
-403	20.50	3.00	XX	4	SLE Q	28.00	200.00	0.50	14.00	309.89	9.24	875.00	18.19	0.01	0.00
-403	20.50	3.00	XX	3	SLE F	28.00	200.00	0.50	14.00	309.89	9.24	875.00	15.95	0.00	0.00
-236	2.50	7.50	YY	4	SLE Q	28.00	200.00	0.50	14.00	309.89	9.24	875.00	415.90	0.12	0.06
-236	2.50	7.50	YY	3	SLE F	28.00	200.00	0.50	14.00	309.89	9.24	875.00	410.93	0.12	0.06
-21	23.00	1.00	YY	4	SLE Q	28.00	200.00	0.50	14.00	309.89	9.24	875.00	3.57	0.00	0.00
-21	23.00	1.00	YY	3	SLE F	28.00	200.00	0.50	14.00	309.89	9.24	875.00	3.75	0.00	0.00
-403	20.50	3.00	YY	4	SLE Q	28.00	200.00	0.50	14.00	309.89	9.24	875.00	45.39	0.01	0.01
-403	20.50	3.00	YY	3	SLE F	28.00	200.00	0.50	14.00	309.89	9.24	875.00	41.96	0.01	0.01

Verifiche e armature pareti

Simbologia

Δ_{sm} = Distanza media tra le fessure
Φ_{eq} = Diametro equivalente delle barre
ε_{sm} = Deformazione unitaria media dell'armatura (*1000)
σ_c = Tensione nel calcestruzzo
σ_f = Tensione nel ferro
σ_s = Tensione nell'acciaio nella sezione fessurata
$A_{c\ eff}$ = Area di calcestruzzo efficace
A_s = Area complessiva dei ferri nell'area di calcestruzzo efficace
CC = Numero della combinazione delle condizioni di carico elementari
Cf = Copriferro
Cls = Tipo di calcestruzzo
Fcd = Resistenza di calcolo a compressione del calcestruzzo
Fck = Resistenza caratteristica cilindrica a compressione del calcestruzzo
Fctd = Resistenza di calcolo a trazione del calcestruzzo
Fctk = Resistenza caratteristica a trazione del calcestruzzo
Fyd = Resistenza di calcolo dell'acciaio
Fyk = Tensione caratteristica di snervamento dell'acciaio
K_2 = Coefficiente per distribuzione deformazioni
M'ydy = Momento resistente massimo in campo sostanzialmente elastico intorno all'asse Y
MRdy = Momento resistente allo stato limite ultimo intorno all'asse Y
My = Momento flettente intorno all'asse Y
N = Sforzo normale
Nu = Sforzo normale ultimo
Sez. = Sezione di verifica
Sic. = Sicurezza
Spess. = Spessore
TCC = Tipo di combinazione di carico
  SLU = Stato limite ultimo
  SLE R = Stato limite d'esercizio, combinazione rara
  SLE F = Stato limite d'esercizio, combinazione frequente
  SLE Q = Stato limite d'esercizio, combinazione quasi permanente
Tp = Tipo di acciaio
VRcd = Taglio ultimo lato calcestruzzo
VRsd = Taglio ultimo lato armatura
Vrdu = Taglio ultimo resistente
Vsdu = Taglio agente nella direzione del momento ultimo
Wk = Ampiezza caratteristica delle fessure
Xf = Coordinata X finale
Xi = Coordinata X iniziale
Xv = Coordinata X di verifica
Zona = Zona di verifica
Zv = Coordinata Z di verifica
c = Ricoprimento dell'armatura
s = Distanza massima tra le barre

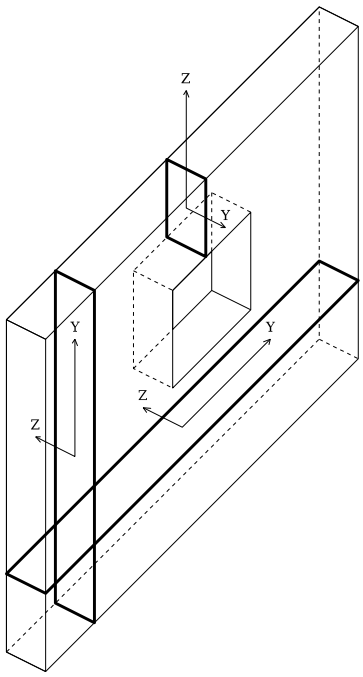


Figura numero 1: Riferimenti sezione

Parete n. 11

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Spess. <cm>	Cf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Tp	Fyk <daN/cmq>	Fyd <daN/cmq>
Oriz.	15.00	4.30	C32/40	332.00	21.69	188.13	14.46	B450C	4500.00	3913.04

Verifiche su sezioni orizzontali
Stato limite ultimo - Verifiche a flessione/pressoflessione

CC	Zona	Zv <m>	Xi <m>	Xf <m>	N <daN>	My <daNm>	Nu <daN>	MRdy <daNm>	Sic.
1	Diff.	0.00	0.00	6.00	-879.92	-1.07	-1976440.00	-17308.10	>100
1	Diff.	0.15	0.00	6.00	-441.17	-0.38	-1976440.00	-17290.60	>100
1	Diff.	0.30	0.00	6.00	-2.42	0.32	-2.42	17273.00	>100

Stato limite d'esercizio - Verifiche tensionali

CC	TCC	Zona	Zv <m>	Xi <m>	Xf <m>	N <daN>	My <daNm>	σ_c <daN/cmq>	σ_f <daN/cmq>
2	SLE R	Diff.	0.00	0.00	6.00	-676.65	-0.65	0.07	1.02
4	SLE Q	Diff.	0.00	0.00	6.00	-676.83	-0.77	0.07	1.03
2	SLE R	Diff.	0.15	0.00	6.00	-339.15	-0.22	0.03	0.51
4	SLE Q	Diff.	0.15	0.00	6.00	-339.33	-0.27	0.03	0.51
2	SLE R	Diff.	0.30	0.00	6.00	-1.65	0.20	0.00	0.03
4	SLE Q	Diff.	0.30	0.00	6.00	-1.83	0.23	0.00	0.04

Parete n. 12

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Spess. <cm>	Cf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Tp	Fyk <daN/cmq>	Fyd <daN/cmq>
Oriz.	15.00	4.30	C32/40	332.00	21.69	188.13	14.46	B450C	4500.00	3913.04

Verifiche su sezioni orizzontali
Stato limite ultimo - Verifiche a flessione/pressoflessione

CC	Zona	Zv <m>	Xi <m>	Xf <m>	N <daN>	My <daNm>	Nu <daN>	MRdy <daNm>	Sic.
1	Diff.	0.00	0.00	4.00	-582.50	-0.78	-1323520.00	-11770.60	>100
1	Diff.	0.15	0.00	4.00	-290.00	-0.27	-1323520.00	-11759.00	>100
1	Diff.	0.30	0.00	4.00	2.50	0.24	2.50	11746.90	>100

Stato limite d'esercizio - Verifiche tensionali

CC	TCC	Zona	Zv <m>	Xi <m>	Xf <m>	N <daN>	My <daNm>	σ_c <daN/cmq>	σ_f <daN/cmq>
2	SLE R	Diff.	0.00	0.00	4.00	-448.29	-0.45	0.07	1.01
4	SLE Q	Diff.	0.00	0.00	4.00	-448.10	-0.55	0.07	1.02
2	SLE R	Diff.	0.15	0.00	4.00	-223.29	-0.15	0.03	0.50
4	SLE Q	Diff.	0.15	0.00	4.00	-223.10	-0.19	0.03	0.50
2	SLE R	Diff.	0.30	0.00	4.00	1.71	0.15	0.00	0.10
4	SLE Q	Diff.	0.30	0.00	4.00	1.90	0.17	0.00	0.11

Parete n. 13

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Spess. <cm>	Cf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Tp	Fyk <daN/cmq>	Fyd <daN/cmq>
Oriz.	15.00	4.30	C32/40	332.00	21.69	188.13	14.46	B450C	4500.00	3913.04

Verifiche su sezioni orizzontali
Stato limite ultimo - Verifiche a flessione/pressoflessione

CC	Zona	Zv <m>	Xi <m>	Xf <m>	N <daN>	My <daNm>	Nu <daN>	MRdy <daNm>	Sic.
1	Diff.	0.00	0.00	6.00	-879.92	-1.07	-1976440.00	-17308.10	>100
1	Diff.	0.15	0.00	6.00	-441.17	-0.38	-1976440.00	-17290.50	>100
1	Diff.	0.30	0.00	6.00	-2.42	0.32	-2.42	17273.10	>100

Stato limite d'esercizio - Verifiche tensionali

CC	TCC	Zona	Zv <m>	Xi <m>	Xf <m>	N <daN>	My <daNm>	σ_c <daN/cmq>	σ_f <daN/cmq>
2	SLE R	Diff.	0.00	0.00	6.00	-676.65	-0.65	0.07	1.02
4	SLE Q	Diff.	0.00	0.00	6.00	-676.83	-0.77	0.07	1.03
2	SLE R	Diff.	0.15	0.00	6.00	-339.15	-0.22	0.03	0.51
4	SLE Q	Diff.	0.15	0.00	6.00	-339.33	-0.27	0.03	0.51
2	SLE R	Diff.	0.30	0.00	6.00	-1.65	0.20	0.00	0.03
4	SLE Q	Diff.	0.30	0.00	6.00	-1.83	0.23	0.00	0.04

Parete n. 14

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Spess. <cm>	Cf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Tp	Fyk <daN/cmq>	Fyd <daN/cmq>
Oriz.	15.00	4.30	C32/40	332.00	21.69	188.13	14.46	B450C	4500.00	3913.04

Verifiche su sezioni orizzontali
Stato limite ultimo - Verifiche a flessione/pressoflessione

CC	Zona	Zv <m>	Xi <m>	Xf <m>	N <daN>	My <daNm>	Nu <daN>	MRdy <daNm>	Sic.
1	Diff.	0.00	0.00	4.00	-582.66	-1.14	-1323520.00	-11770.60	>100
1	Diff.	0.15	0.00	4.00	-290.16	-0.43	-1323520.00	-11759.00	>100
1	Diff.	0.30	0.00	4.00	2.34	0.27	2.34	11746.90	>100

Stato limite d'esercizio - Verifiche tensionali

CC	TCC	Zona	Zv <m>	Xi <m>	Xf <m>	N <daN>	My <daNm>	σ_c <daN/cmq>	σ_f <daN/cmq>
2	SLE R	Diff.	0.00	0.00	4.00	-448.40	-0.69	0.07	1.02
4	SLE Q	Diff.	0.00	0.00	4.00	-448.24	-0.81	0.07	1.03
2	SLE R	Diff.	0.15	0.00	4.00	-223.40	-0.26	0.03	0.51
4	SLE Q	Diff.	0.15	0.00	4.00	-223.24	-0.31	0.04	0.51
2	SLE R	Diff.	0.30	0.00	4.00	1.60	0.17	0.00	0.11
4	SLE Q	Diff.	0.30	0.00	4.00	1.76	0.20	0.00	0.12

8.0 RISULTATI STRUTTURE FONDAZIONE CABINE

8.1 Diagrammi tassi di sfruttamento

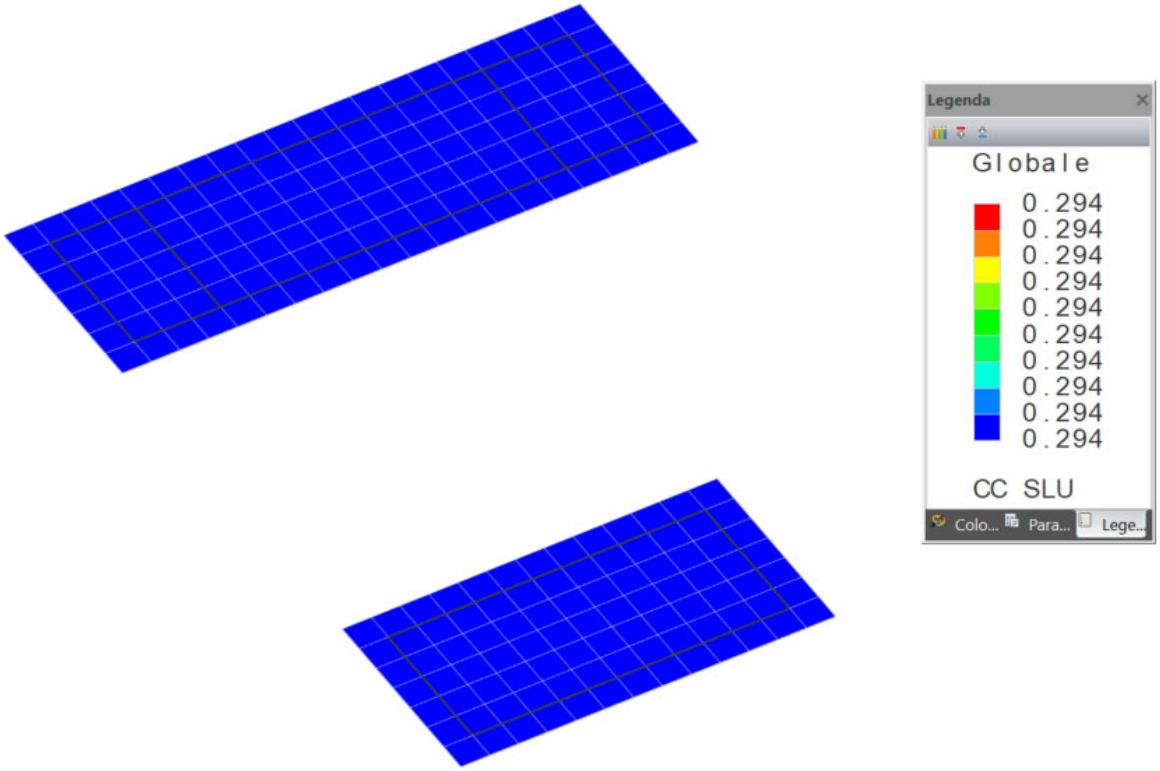
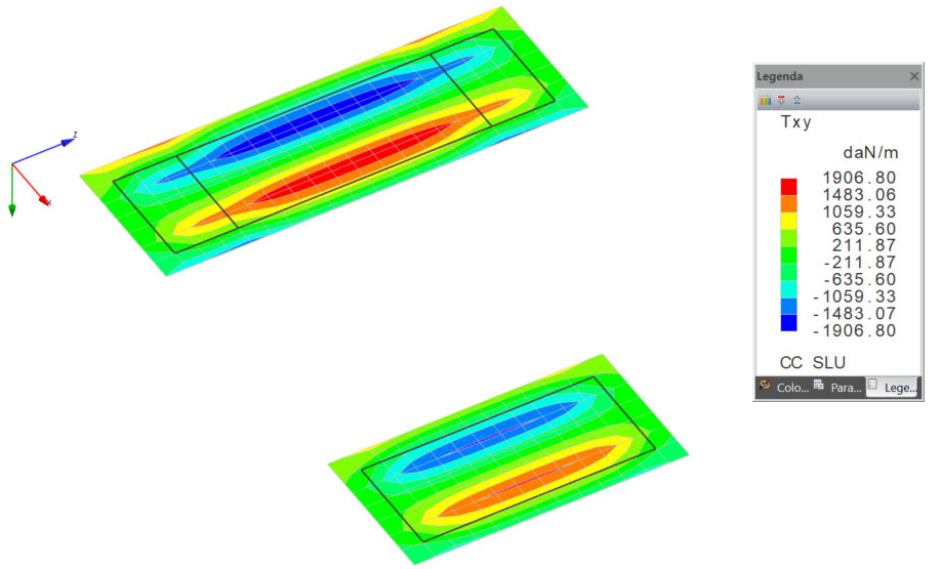


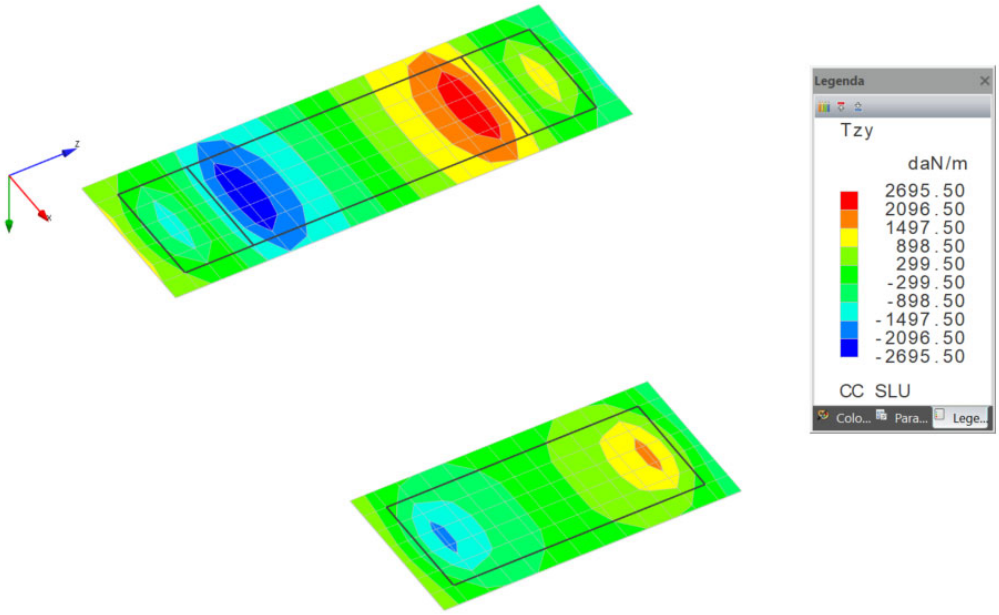
Diagramma tassi di sfruttamento resistenza combo SLU con valore massimo pari a 0,294

Figure 40: Tassi di sfruttamento SLU (Stato limite ultimo)

8.2 Sollecitazioni

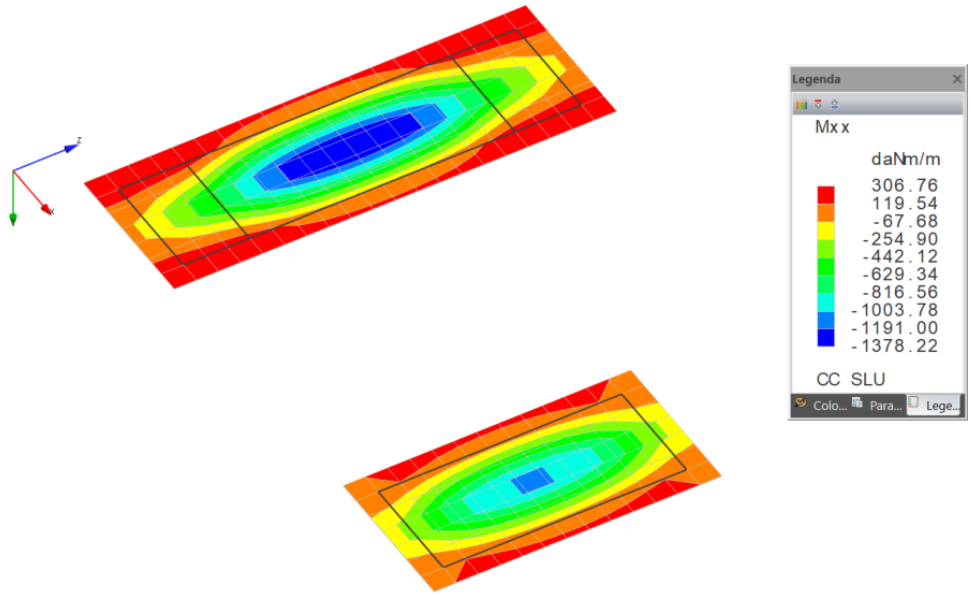


Inviluppo sforzo di taglio in direzione X su faccia con normale Y SLU Tmax = 1906,80 daN/m

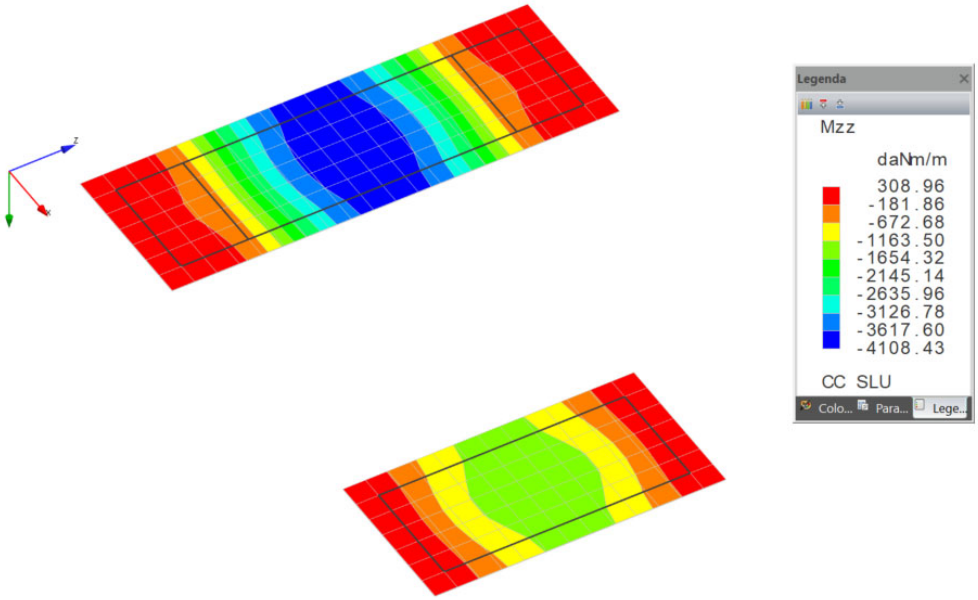


Inviluppo sforzo di taglio in direzione Z su faccia con normale Y SLU Tmax = 2695,5 daN/m

Figure 41: Taglio



Inviluppo momento che genera tensioni in direzioni X su facce con normale X SLU Mmax = 1378,22 daN×m/m



Inviluppo momento che genera tensioni in direzioni Z su facce con normale Z SLU Mmax = 4108,43 daN×m/m

Figure 42: Momento Flettente

8.1 Tabulati di calcolo

Si riportano i tabulati di calcolo elaborati come output dal programma di calcolo.

Risultati del calcolo

Parametri di calcolo
La modellazione della struttura e la rielaborazione dei risultati del calcolo sono stati effettuati con:
ModeSt ver. 8.28, licenza n. 7279, prodotto da Tecnisoft s.a.s. - Prato
La struttura è stata calcolata utilizzando come solutore agli elementi finiti:
Xfinest ver. 9.5.3, licenza n. 3451, prodotto da Ce.A.S. S.r.l. - Milano

Tipo di normativa: stati limite D.M. 18
Tipo di calcolo: statico
Vincoli esterni: Considera sempre vincoli assegnati in modellazione
Schematizzazione piani rigidi: nessun impalcato rigido
Modalità di recupero masse secondarie: mantenere sul nodo masse e forze relative

Generazione combinazioni

- Lineari: Sì
- Valuta spostamenti e non sollecitazioni: No
- Buckling: No

Opzioni di calcolo

- Sono state considerate infinitamente rigide le zone di connessione fra travi, pilastri ed elementi bidimensionali con una riduzione del 20%
- Calcolo con offset rigidi dai nodi: No
- Uniformare i carichi variabili: No
- Massimizzare i carichi variabili: No
- Recupero carichi zone rigide: taglio e momento flettente

Opzioni del solutore

- Tipo di elemento bidimensionale: QF46
- Calcolo sforzo nei nodi: No
- Trascura deformabilità a taglio delle aste: No
- Analisi dinamica con metodo di Lanczos: Sì
- Check sequenza di Sturm: Sì
- Analisi non lineare con Newton modificato: No
- Usa formulazione secante per buckling: No
- Trascura buckling torsionale: No

Dati struttura

- Edificio esistente: No
- Tipo di opera: Opera ordinaria
- Vita nominale V_N: 50.00
- Classe d'uso: Classe II
- Forze orizzontali convenzionali per stati limite non sismici: No
- Genera stati limite per verifiche di resistenza al fuoco: No

Ambienti di carico
Simbologia
N = Numero
Comm. = Commento
1 = G1 - permanenti strutturali
2 = G2 - permanenti non strutturali
3 = Q - Variabili cat. E
F = azioni orizzontali convenzionali
SLU = Stato limite ultimo
SLR = Stato limite per combinazioni rare
SLF = Stato limite per combinazioni frequenti
SLQ/D = Stato limite per combinazioni quasi permanenti o di danno
S = Sì
N = No

N	Comm.	1	2	3	SLU	SLR	SLF	SLQ
1	Calcolo statico	S	S	S	S	S	S	S

Elenco combinazioni di carico simboliche

Simbologia
CC = Numero della combinazione delle condizioni di carico elementari
Comm. = Commento
TCC = Tipo di combinazione di carico
SLU = Stato limite ultimo
SLE R = Stato limite d'esercizio, combinazione rara
SLE F = Stato limite d'esercizio, combinazione frequente
SLE Q = Stato limite d'esercizio, combinazione quasi permanente

CC	Comm.	TCC	1	2	3
1	Amb. 1 (SLU)	SLU	γ max	γ max	γ max
2	Amb. 1 (SLE R)	SLE R	1	1	1
3	Amb. 1 (SLE F)	SLE F	1	1	ψ_1
4	Amb. 1 (SLE Q)	SLE Q	1	1	ψ_2

Genera le combinazioni con un solo carico di tipo variabile come di base: Sì

Considera sollecitazioni dinamiche con segno dei modi principali: No

Combinazioni delle CCE

Simbologia

An. =Tipo di analisi
L = Lineare
NL = Non lineare
Bk =Buckling
S = Sì
N = No
CC =Numero della combinazione delle condizioni di carico elementari
Comm. =Commento
TCC =Tipo di combinazione di carico
SLU = Stato limite ultimo
SLE R = Stato limite d'esercizio, combinazione rara
SLE F = Stato limite d'esercizio, combinazione frequente
SLE Q = Stato limite d'esercizio, combinazione quasi permanente

CC	Comm.	TCC	An.	Bk	1	2	3
1	Amb. 1 (SLU)	SLU	L	N	1.30	1.50	1.50
2	Amb. 1 (SLE R)	SLE R	L	N	1.00	1.00	1.00
3	Amb. 1 (SLE F)	SLE F	L	N	1.00	1.00	0.90
4	Amb. 1 (SLE Q)	SLE Q	L	N	1.00	1.00	0.80

Tensioni sul terreno

Simbologia
σ_t =Tensione sul terreno
CC =Numero della combinazione delle condizioni di carico elementari
Nodo =Numero del nodo
TCC =Tipo di combinazione di carico
SLU = Stato limite ultimo
SLE R = Stato limite d'esercizio, combinazione rara
SLE F = Stato limite d'esercizio, combinazione frequente
SLE Q = Stato limite d'esercizio, combinazione quasi permanente

Nodo		CC	TCC	σ_t <daN/cmq>
-280	Max	1	SLU	0.60
-278	Min.	4	SLE Q	0.41
-275	Max	1	SLU	0.60
-273	Min.	4	SLE Q	0.41
-270	Max	1	SLU	0.59
-268	Min.	4	SLE Q	0.40
-265	Max	1	SLU	0.59
-263	Min.	4	SLE Q	0.40
-260	Max	1	SLU	0.58
-258	Min.	4	SLE Q	0.40
-255	Max	1	SLU	0.58
-253	Min.	4	SLE Q	0.40
-250	Max	1	SLU	0.58
-248	Min.	4	SLE Q	0.39
-245	Max	1	SLU	0.57
-243	Min.	4	SLE Q	0.39
-240	Max	1	SLU	0.57
-238	Min.	4	SLE Q	0.39
-235	Max	1	SLU	0.57
-233	Min.	4	SLE Q	0.39
-230	Max	1	SLU	0.56
-228	Min.	4	SLE Q	0.38
-225	Max	1	SLU	0.56
-223	Min.	4	SLE Q	0.33
-220	Max	1	SLU	0.48
-218	Min.	4	SLE Q	0.33
-215	Max	1	SLU	0.56
-213	Min.	4	SLE Q	0.38
-210	Max	1	SLU	0.56
-208	Min.	4	SLE Q	0.33
-205	Max	1	SLU	0.47
-203	Min.	4	SLE Q	0.33
-200	Max	1	SLU	0.55
-198	Min.	4	SLE Q	0.38
-195	Max	1	SLU	0.55
-193	Min.	4	SLE Q	0.38
-190	Max	1	SLU	0.47
-188	Min.	4	SLE Q	0.33
-185	Max	1	SLU	0.47
-183	Min.	4	SLE Q	0.38
-180	Max	1	SLU	0.55
-178	Min.	4	SLE Q	0.38
-175	Max	1	SLU	0.47
-173	Min.	4	SLE Q	0.32
-170	Max	1	SLU	0.47
-168	Min.	4	SLE Q	0.38
-165	Max	1	SLU	0.55
-163	Min.	4	SLE Q	0.38
-160	Max	1	SLU	0.47
-158	Min.	4	SLE Q	0.32
-155	Max	1	SLU	0.47
-153	Min.	4	SLE Q	0.32
-150	Max	1	SLU	0.55
-148	Min.	4	SLE Q	0.38
-145	Max	1	SLU	0.55
-143	Min.	4	SLE Q	0.32
-140	Max	1	SLU	0.47
-138	Min.	4	SLE Q	0.32
-135	Max	1	SLU	0.55
-133	Min.	4	SLE Q	0.38
-130	Max	1	SLU	0.55
-128	Min.	4	SLE Q	0.32
-125	Max	1	SLU	0.47
-123	Min.	4	SLE Q	0.32
-120	Max	1	SLU	0.56
-118	Min.	4	SLE Q	0.38
-115	Max	1	SLU	0.55
-113	Min.	4	SLE Q	0.38

Nodo		CC	TCC	σ_t <daN/cmq>
-280	Min.	4	SLE Q	0.41
-277	Max	1	SLU	0.60
-275	Min.	4	SLE Q	0.41
-272	Max	1	SLU	0.59
-270	Min.	4	SLE Q	0.40
-267	Max	1	SLU	0.59
-265	Min.	4	SLE Q	0.40
-262	Max	1	SLU	0.58
-260	Min.	4	SLE Q	0.40
-257	Max	1	SLU	0.58
-255	Min.	4	SLE Q	0.40
-252	Max	1	SLU	0.58
-250	Min.	4	SLE Q	0.40
-247	Max	1	SLU	0.57
-245	Min.	4	SLE Q	0.39
-242	Max	1	SLU	0.57
-240	Min.	4	SLE Q	0.39
-237	Max	1	SLU	0.56
-235	Min.	4	SLE Q	0.39
-232	Max	1	SLU	0.56
-230	Min.	4	SLE Q	0.38
-227	Max	1	SLU	0.56
-225	Min.	4	SLE Q	0.38
-222	Max	1	SLU	0.48
-220	Min.	4	SLE Q	0.33
-217	Max	1	SLU	0.48
-215	Min.	4	SLE Q	0.38
-212	Max	1	SLU	0.55
-210	Min.	4	SLE Q	0.38
-207	Max	1	SLU	0.48
-205	Min.	4	SLE Q	0.33
-202	Max	1	SLU	0.48
-200	Min.	4	SLE Q	0.38
-197	Max	1	SLU	0.55
-195	Min.	4	SLE Q	0.38
-192	Max	1	SLU	0.47
-190	Min.	4	SLE Q	0.33
-187	Max	1	SLU	0.47
-185	Min.	4	SLE Q	0.33
-182	Max	1	SLU	0.55
-180	Min.	4	SLE Q	0.38
-177	Max	1	SLU	0.55
-175	Min.	4	SLE Q	0.32
-172	Max	1	SLU	0.47
-170	Min.	4	SLE Q	0.32
-167	Max	1	SLU	0.55
-165	Min.	4	SLE Q	0.38
-162	Max	1	SLU	0.55
-160	Min.	4	SLE Q	0.32
-157	Max	1	SLU	0.47
-155	Min.	4	SLE Q	0.32
-152	Max	1	SLU	0.55
-150	Min.	4	SLE Q	0.38
-147	Max	1	SLU	0.55
-145	Min.	4	SLE Q	0.38
-142	Max	1	SLU	0.47
-140	Min.	4	SLE Q	0.32
-137	Max	1	SLU	0.47
-135	Min.	4	SLE Q	0.38
-132	Max	1	SLU	0.55
-130	Min.	4	SLE Q	0.38
-127	Max	1	SLU	0.47
-125	Min.	4	SLE Q	0.32
-122	Max	1	SLU	0.47
-120	Min.	4	SLE Q	0.38
-117	Max	1	SLU	0.55
-115	Min.	4	SLE Q	0.38
-112	Max	1	SLU	0.47

Nodo		CC	TCC	σ_t <daN/cmq>
-279	Max	1	SLU	0.60
-277	Min.	4	SLE Q	0.41
-274	Max	1	SLU	0.60
-272	Min.	4	SLE Q	0.40
-269	Max	1	SLU	0.59
-267	Min.	4	SLE Q	0.40
-264	Max	1	SLU	0.58
-262	Min.	4	SLE Q	0.40
-259	Max	1	SLU	0.58
-257	Min.	4	SLE Q	0.40
-254	Max	1	SLU	0.58
-252	Min.	4	SLE Q	0.40
-249	Max	1	SLU	0.58
-247	Min.	4	SLE Q	0.39
-244	Max	1	SLU	0.57
-242	Min.	4	SLE Q	0.39
-239	Max	1	SLU	0.57
-237	Min.	4	SLE Q	0.39
-234	Max	1	SLU	0.57
-232	Min.	4	SLE Q	0.38
-229	Max	1	SLU	0.56
-227	Min.	4	SLE Q	0.38
-224	Max	1	SLU	0.48
-222	Min.	4	SLE Q	0.33
-219	Max	1	SLU	0.48
-217	Min.	4	SLE Q	0.33
-214	Max	1	SLU	0.55
-212	Min.	4	SLE Q	0.38
-209	Max	1	SLU	0.56
-207	Min.	4	SLE Q	0.33
-204	Max	1	SLU	0.47
-202	Min.	4	SLE Q	0.33
-199	Max	1	SLU	0.55
-197	Min.	4	SLE Q	0.38
-194	Max	1	SLU	0.55
-192	Min.	4	SLE Q	0.33
-189	Max	1	SLU	0.47
-187	Min.	4	SLE Q	0.33
-184	Max	1	SLU	0.55
-182	Min.	4	SLE Q	0.38
-179	Max	1	SLU	0.55
-177	Min.	4	SLE Q	0.38
-174	Max	1	SLU	0.47
-172	Min.	4	SLE Q	0.32
-169	Max	1	SLU	0.47
-167	Min.	4	SLE Q	0.38
-164	Max	1	SLU	0.55
-162	Min.	4	SLE Q	0.38
-159	Max	1	SLU	0.47
-157	Min.	4	SLE Q	0.32
-154	Max	1	SLU	0.47
-152	Min.	4	SLE Q	0.38
-149	Max	1	SLU	0.55
-147	Min.	4	SLE Q	0.38
-144	Max	1	SLU	0.47
-142	Min.	4	SLE Q	0.32
-139	Max	1	SLU	0.47
-137	Min.	4	SLE Q	0.32
-134	Max	1	SLU	0.55
-132	Min.	4	SLE Q	0.38
-129	Max	1	SLU	0.55
-127	Min.	4	SLE Q	0.32
-124	Max	1	SLU	0.47
-122	Min.	4	SLE Q	0.32
-119	Max	1	SLU	0.56
-117	Min.	4	SLE Q	0.38
-114	Max	1	SLU	0.56
-112	Min.	4	SLE Q	0.32

Nodo		CC	TCC	σ_t <daN/cmq>
-279	Min.	4	SLE Q	0.41
-276	Max	1	SLU	0.60
-274	Min.	4	SLE Q	0.41
-271	Max	1	SLU	0.59
-269	Min.	4	SLE Q	0.40
-266	Max	1	SLU	0.59
-264	Min.	4	SLE Q	0.40
-261	Max	1	SLU	0.58
-259	Min.	4	SLE Q	0.40
-256	Max	1	SLU	0.58
-254	Min.	4	SLE Q	0.40
-251	Max	1	SLU	0.58
-249	Min.	4	SLE Q	0.40
-246	Max	1	SLU	0.57
-244	Min.	4	SLE Q	0.39
-241	Max	1	SLU	0.57
-239	Min.	4	SLE Q	0.39
-236	Max	1	SLU	0.56
-234	Min.	4	SLE Q	0.39
-231	Max	1	SLU	0.56
-229	Min.	4	SLE Q	0.38
-226	Max	1	SLU	0.56
-224	Min.	4	SLE Q	0.33
-221	Max	1	SLU	0.48
-219	Min.	4	SLE Q	0.33
-216	Max	1	SLU	0.56
-214	Min.	4	SLE Q	0.38
-211	Max	1	SLU	0.55
-209	Min.	4	SLE Q	0.38
-206	Max	1	SLU	0.47
-204	Min.	4	SLE Q	0.33
-201	Max	1	SLU	0.48
-199	Min.	4	SLE Q	0.38
-196	Max	1	SLU	0.55
-194	Min.	4	SLE Q	0.38
-191	Max	1	SLU	0.47
-189	Min.	4	SLE Q	0.33
-186	Max	1	SLU	0.47
-184	Min.	4	SLE Q	0.38
-181	Max	1	SLU	0.55
-179	Min.	4	SLE Q	0.38
-176	Max	1	SLU	0.47
-174	Min.	4	SLE Q	0.32
-171	Max	1	SLU	0.47
-169	Min.	4	SLE Q	0.33
-166	Max	1	SLU	0.55
-164	Min.	4	SLE Q	0.38
-161	Max	1	SLU	0.55
-159	Min.	4	SLE Q	0.32
-156	Max	1	SLU	0.47
-154	Min.	4	SLE Q	0.32
-151	Max	1	SLU	0.55
-149	Min.	4	SLE Q	0.38
-146	Max	1	SLU	0.55
-144	Min.	4	SLE Q	0.32
-141	Max	1	SLU	0.47
-139	Min.	4	SLE Q	0.32
-136	Max	1	SLU	0.55
-134	Min.	4	SLE Q	0.38
-131	Max	1	SLU	0.55
-129	Min.	4	SLE Q	0.38
-126	Max	1	SLU	0.47
-124	Min.	4	SLE Q	0.32
-121	Max	1	SLU	0.47
-119	Min.	4	SLE Q	0.38
-116	Max	1	SLU	0.55
-114	Min.	4	SLE Q	0.38
-111	Max	1	SLU	0.47

Nodo		CC	TCC	σ_t <daN/cmq>
-278	Max	1	SLU	0.60
-276	Min.	4	SLE Q	0.41
-273	Max	1	SLU	0.60
-271	Min.	4	SLE Q	0.40
-268	Max	1	SLU	0.59
-266	Min.	4	SLE Q	0.40
-263	Max	1	SLU	0.58
-261	Min.	4	SLE Q	0.40
-258	Max	1	SLU	0.58
-256	Min.	4	SLE Q	0.40
-253	Max	1	SLU	0.58
-251	Min.	4	SLE Q	0.40
-248	Max	1	SLU	0.57
-246	Min.	4	SLE Q	0.39
-243	Max	1	SLU	0.57
-241	Min.	4	SLE Q	0.39
-238	Max	1	SLU	0.57
-236	Min.	4	SLE Q	0.39
-233	Max	1	SLU	0.57
-231	Min.	4	SLE Q	0.38
-228	Max	1	SLU	0.56
-226	Min.	4	SLE Q	0.38
-223	Max	1	SLU	0.48
-221	Min.	4	SLE Q	0.33
-218	Max	1	SLU	0.48
-216	Min.	4	SLE Q	0.38
-213	Max	1	SLU	0.55
-211	Min.	4	SLE Q	0.38
-208	Max	1	SLU	0.48
-206	Min.	4	SLE Q	0.33
-203	Max	1	SLU	0.47
-201	Min.	4	SLE Q	0.33
-198	Max	1	SLU	0.55
-196	Min.	4	SLE Q	0.38
-193	Max	1	SLU	0.55
-191	Min.	4	SLE Q	0.33
-188	Max	1	SLU	0.47
-186	Min.	4	SLE Q	0.33
-183	Max	1	SLU	0.55
-181	Min.	4	SLE Q	0.38
-178	Max	1	SLU	0.55
-176	Min.	4	SLE Q	0.33
-173	Max	1	SLU	0.47
-171	Min.	4	SLE Q	0.32
-168	Max	1	SLU	0.55
-166	Min.	4	SLE Q	0.38
-163	Max	1	SLU	0.55
-161	Min.	4	SLE Q	0.38
-158	Max	1	SLU	0.47
-156	Min.	4	SLE Q	0.32
-153	Max	1	SLU	0.47
-151	Min.	4	SLE Q	0.38
-148	Max	1	SLU	0.55
-146	Min.	4	SLE Q	0.38
-143	Max	1	SLU	0.47
-141	Min.	4	SLE Q	0.32
-138	Max	1	SLU	0.47
-136	Min.	4	SLE Q	0.38
-133	Max	1	SLU	0.55
-131	Min.	4	SLE Q	0.38
-128	Max	1	SLU	0.47
-126	Min.	4	SLE Q	0.32
-123	Max	1	SLU	0.47
-121	Min.	4	SLE Q	0.32
-118	Max	1	SLU	0.55
-116	Min.	4	SLE Q	0.38
-113	Max	1	SLU	0.56
-111	Min.	4	SLE Q	0.32

-110	Max	1	SLU	0.47
-108	Min.	4	SLE Q	0.32
-105	Max	1	SLU	0.47
-103	Min.	4	SLE Q	0.38
-100	Max	1	SLU	0.56
-98	Min.	4	SLE Q	0.38
-95	Max	1	SLU	0.47
-93	Min.	4	SLE Q	0.32
-90	Max	1	SLU	0.47
-88	Min.	4	SLE Q	0.39
-85	Max	1	SLU	0.56
-83	Min.	4	SLE Q	0.39
-80	Max	1	SLU	0.47
-78	Min.	4	SLE Q	0.32
-75	Max	1	SLU	0.47
-73	Min.	4	SLE Q	0.32
-70	Max	1	SLU	0.57
-68	Min.	4	SLE Q	0.39
-65	Max	1	SLU	0.57
-63	Min.	4	SLE Q	0.32
-60	Max	1	SLU	0.47
-58	Min.	4	SLE Q	0.32
-55	Max	1	SLU	0.58
-53	Min.	4	SLE Q	0.40
-50	Max	1	SLU	0.58
-48	Min.	4	SLE Q	0.33
-45	Max	1	SLU	0.47
-43	Min.	4	SLE Q	0.33
-40	Max	1	SLU	0.58
-38	Min.	4	SLE Q	0.40
-35	Max	1	SLU	0.58
-33	Min.	4	SLE Q	0.40
-30	Max	1	SLU	0.47
-28	Min.	4	SLE Q	0.33
-25	Max	1	SLU	0.48
-23	Min.	4	SLE Q	0.40
-20	Max	1	SLU	0.59
-18	Min.	4	SLE Q	0.40
-15	Max	1	SLU	0.48
-13	Min.	4	SLE Q	0.33
-10	Max	1	SLU	0.48
-8	Min.	4	SLE Q	0.41
-5	Max	1	SLU	0.60
-3	Min.	4	SLE Q	0.41

-110	Min.	4	SLE Q	0.32
-107	Max	1	SLU	0.47
-105	Min.	4	SLE Q	0.32
-102	Max	1	SLU	0.56
-100	Min.	4	SLE Q	0.38
-97	Max	1	SLU	0.56
-95	Min.	4	SLE Q	0.32
-92	Max	1	SLU	0.47
-90	Min.	4	SLE Q	0.32
-87	Max	1	SLU	0.57
-85	Min.	4	SLE Q	0.39
-82	Max	1	SLU	0.57
-80	Min.	4	SLE Q	0.32
-77	Max	1	SLU	0.47
-75	Min.	4	SLE Q	0.32
-72	Max	1	SLU	0.57
-70	Min.	4	SLE Q	0.39
-67	Max	1	SLU	0.57
-65	Min.	4	SLE Q	0.39
-62	Max	1	SLU	0.47
-60	Min.	4	SLE Q	0.32
-57	Max	1	SLU	0.47
-55	Min.	4	SLE Q	0.40
-52	Max	1	SLU	0.58
-50	Min.	4	SLE Q	0.40
-47	Max	1	SLU	0.47
-45	Min.	4	SLE Q	0.33
-42	Max	1	SLU	0.47
-40	Min.	4	SLE Q	0.40
-37	Max	1	SLU	0.58
-35	Min.	4	SLE Q	0.40
-32	Max	1	SLU	0.48
-30	Min.	4	SLE Q	0.33
-27	Max	1	SLU	0.47
-25	Min.	4	SLE Q	0.33
-22	Max	1	SLU	0.59
-20	Min.	4	SLE Q	0.40
-17	Max	1	SLU	0.59
-15	Min.	4	SLE Q	0.33
-12	Max	1	SLU	0.48
-10	Min.	4	SLE Q	0.33
-7	Max	1	SLU	0.60
-5	Min.	4	SLE Q	0.41
-2	Max	1	SLU	0.60

-109	Max	1	SLU	0.47
-107	Min.	4	SLE Q	0.32
-104	Max	1	SLU	0.56
-102	Min.	4	SLE Q	0.38
-99	Max	1	SLU	0.56
-97	Min.	4	SLE Q	0.38
-94	Max	1	SLU	0.47
-92	Min.	4	SLE Q	0.32
-89	Max	1	SLU	0.47
-87	Min.	4	SLE Q	0.39
-84	Max	1	SLU	0.56
-82	Min.	4	SLE Q	0.39
-79	Max	1	SLU	0.47
-77	Min.	4	SLE Q	0.32
-74	Max	1	SLU	0.47
-72	Min.	4	SLE Q	0.39
-69	Max	1	SLU	0.57
-67	Min.	4	SLE Q	0.39
-64	Max	1	SLU	0.47
-62	Min.	4	SLE Q	0.32
-59	Max	1	SLU	0.47
-57	Min.	4	SLE Q	0.33
-54	Max	1	SLU	0.58
-52	Min.	4	SLE Q	0.40
-49	Max	1	SLU	0.58
-47	Min.	4	SLE Q	0.33
-44	Max	1	SLU	0.47
-42	Min.	4	SLE Q	0.33
-39	Max	1	SLU	0.58
-37	Min.	4	SLE Q	0.40
-34	Max	1	SLU	0.58
-32	Min.	4	SLE Q	0.33
-29	Max	1	SLU	0.47
-27	Min.	4	SLE Q	0.33
-24	Max	1	SLU	0.59
-22	Min.	4	SLE Q	0.40
-19	Max	1	SLU	0.59
-17	Min.	4	SLE Q	0.40
-14	Max	1	SLU	0.48
-12	Min.	4	SLE Q	0.33
-9	Max	1	SLU	0.48
-7	Min.	4	SLE Q	0.41
-4	Max	1	SLU	0.60
-2	Min.	4	SLE Q	0.41

-109	Min.	4	SLE Q	0.32
-106	Max	1	SLU	0.47
-104	Min.	4	SLE Q	0.38
-101	Max	1	SLU	0.56
-99	Min.	4	SLE Q	0.38
-96	Max	1	SLU	0.47
-94	Min.	4	SLE Q	0.32
-91	Max	1	SLU	0.47
-89	Min.	4	SLE Q	0.32
-86	Max	1	SLU	0.57
-84	Min.	4	SLE Q	0.39
-81	Max	1	SLU	0.57
-79	Min.	4	SLE Q	0.32
-76	Max	1	SLU	0.47
-74	Min.	4	SLE Q	0.32
-71	Max	1	SLU	0.57
-69	Min.	4	SLE Q	0.39
-66	Max	1	SLU	0.57
-64	Min.	4	SLE Q	0.33
-61	Max	1	SLU	0.47
-59	Min.	4	SLE Q	0.32
-56	Max	1	SLU	0.58
-54	Min.	4	SLE Q	0.40
-51	Max	1	SLU	0.58
-49	Min.	4	SLE Q	0.40
-46	Max	1	SLU	0.47
-44	Min.	4	SLE Q	0.33
-41	Max	1	SLU	0.47
-39	Min.	4	SLE Q	0.40
-36	Max	1	SLU	0.58
-34	Min.	4	SLE Q	0.40
-31	Max	1	SLU	0.48
-29	Min.	4	SLE Q	0.33
-26	Max	1	SLU	0.48
-24	Min.	4	SLE Q	0.40
-21	Max	1	SLU	0.59
-19	Min.	4	SLE Q	0.40
-16	Max	1	SLU	0.48
-14	Min.	4	SLE Q	0.33
-11	Max	1	SLU	0.48
-9	Min.	4	SLE Q	0.33
-6	Max	1	SLU	0.60
-4	Min.	4	SLE Q	0.41
-1	Max	1	SLU	0.60

-108	Max	1	SLU	0.47	
-106	Min.	4	SLE Q	0.32	
-103	Max	1	SLU	0.56	
-101	Min.	4	SLE Q	0.38	
-98	Max	1	SLU	0.56	
-96	Min.	4	SLE Q	0.32	
-93	Max	1	SLU	0.47	
-91	Min.	4	SLE Q	0.32	
-88	Max	1	SLU	0.57	
-86	Min.	4	SLE Q	0.39	
-83	Max	1	SLU	0.57	
-81	Min.	4	SLE Q	0.39	
-78	Max	1	SLU	0.47	
-76	Min.	4	SLE Q	0.32	
-73	Max	1	SLU	0.47	
-71	Min.	4	SLE Q	0.39	
-68	Max	1	SLU	0.57	
-66	Min.	4	SLE Q	0.39	
-63	Max	1	SLU	0.47	
-61	Min.	4	SLE Q	0.32	
-58	Max	1	SLU	0.47	
-56	Min.	4	SLE Q	0.40	
-53	Max	1	SLU	0.58	
-51	Min.	4	SLE Q	0.40	
-48	Max	1	SLU	0.47	
-46	Min.	4	SLE Q	0.33	
-43	Max	1	SLU	0.47	
-41	Min.	4	SLE Q	0.33	
-38	Max	1	SLU	0.58	
-36	Min.	4	SLE Q	0.40	
-33	Max	1	SLU	0.58	
-31	Min.	4	SLE Q	0.33	
-28	Max	1	SLU	0.47	
-26	Min.	4	SLE Q	0.33	
-23	Max	1	SLU	0.59	
-21	Min.	4	SLE Q	0.40	
-18	Max	1	SLU	0.59	
-16	Min.	4	SLE Q	0.33	
-13	Max	1	SLU	0.48	
-11	Min.	4	SLE Q	0.33	
-8	Max	1	SLU	0.60	
-6	Min.	4	SLE Q	0.41	
-3	Max	1	SLU	0.60	
-1	Min.	4	SLE Q	0.41	

Sollecitazioni elementi bidimensionali
Simbologia

σ_{xx} = Tensione normale sulle facce perp. all'asse X
σ_{zz} = Tensione normale sulle facce perp. all'asse Z
τ_{xy} = Tensione in dir. Y sulle facce perp. all'asse X
τ_{xz} = Tensione in dir. Z sulle facce perp. all'asse X
τ_{zy} = Tensione in dir. Y sulle facce perp. all'asse Z
Bid. = Numero del muro/elemento bidimensionale
CC = Numero della combinazione delle condizioni di carico elementari
Mxx = Momento che provoca variazione di tensione sulle facce perp. all'asse X
Mxz = Momento che provoca variazione di tensione tangenziale sulle facce perp. all'asse X
Mzz = Momento che provoca variazione di tensione sulle facce perp. all'asse Z
Nodo = Numero del nodo
TCC = Tipo di combinazione di carico
SLU = Stato limite ultimo
SLE R = Stato limite d'esercizio, combinazione rara
SLE F = Stato limite d'esercizio, combinazione frequente
SLE Q = Stato limite d'esercizio, combinazione quasi permanente

Bid. 3

	CC	TCC	Nodo	Min.	CC	TCC	Nodo	Max		CC	TCC	Nodo	Min.	CC	TCC	Nodo	Max
σ_{xx} <daN/mq>	1	SLU	-132	0	1	SLU	-250	0	σ_{zz} <daN/mq>	1	SLU	-130	0	1	SLU	-252	0
τ_{xz} <daN/mq>	1	SLU	-119	0	1	SLU	-152	0	Mxx <daNm/m>	1	SLU	-148	-1533	1	SLU	-256	312
Mzz <daNm/m>	1	SLU	-148	-4128	1	SLU	-21	310	Mxz <daNm/m>	1	SLU	-258	-256	1	SLU	-263	256
τ_{zy} <daN/mq>	1	SLU	-85	-6258	1	SLU	-244	6258	τ_{xy} <daN/mq>	1	SLU	-147	-5091	1	SLU	-167	5091

Bid. 4

	CC	TCC	Nodo	Min.	CC	TCC	Nodo	Max		CC	TCC	Nodo	Min.	CC	TCC	Nodo	Max
σ_{xx} <daN/mq>	1	SLU	-46	0	1	SLU	-208	0	σ_{zz} <daN/mq>	1	SLU	-73	0	1	SLU	-221	0
τ_{xz} <daN/mq>	1	SLU	-90	0	1	SLU	-175	0	Mxx <daNm/m>	1	SLU	-108	-1146	1	SLU	-57	206
Mzz <daNm/m>	1	SLU	-108	-1557	1	SLU	-28	236	Mxz <daNm/m>	1	SLU	-47	-281	1	SLU	-27	281
τ_{zy} <daN/mq>	1	SLU	-29	-4207	1	SLU	-205	4207	τ_{xy} <daN/mq>	1	SLU	-106	-4142	1	SLU	-127	4142

Verifiche e armature solette/platee

Simbologia

Δ_{sm} = Distanza media tra le fessure
Φ_{eq} = Diametro equivalente delle barre
ε_{sm} = Deformazione unitaria media dell'armatura (*1000)
σ_c = Tensione nel calcestruzzo
σ_f = Tensione nel ferro
σ_s = Tensione nell'acciaio nella sezione fessurata
$A_{c\ eff}$ = Area di calcestruzzo efficace
A_s = Area complessiva dei ferri nell'area di calcestruzzo efficace
AfE I = Area di ferro effettiva totale presente nel punto di verifica, inferiore
AfE S = Area di ferro effettiva totale presente nel punto di verifica, superiore
AfE St. = Area di ferro effettiva della staffatura
CC = Numero della combinazione delle condizioni di carico elementari
Cf inf = Copriferro inferiore
Cf sup = Copriferro superiore
Cls = Tipo di calcestruzzo
DV = Direzione di verifica

XX = Verifica per momento Mxx
YY = Verifica per momento Myy
Fcd = Resistenza di calcolo a compressione del calcestruzzo
Fck = Resistenza caratteristica cilindrica a compressione del calcestruzzo
Fctd = Resistenza di calcolo a trazione del calcestruzzo
Fctk = Resistenza caratteristica a trazione del calcestruzzo
Fyd = Resistenza di calcolo dell'acciaio
Fyk = Tensione caratteristica di snervamento dell'acciaio
K_2 = Coefficiente per distribuzione deformazioni
MRdy = Momento resistente allo stato limite ultimo intorno all'asse Y
Mom = Momento flettente
My = Momento flettente intorno all'asse Y
Nodo = Numero del nodo
Sic. = Sicurezza
Spess. = Spessore
TCC = Tipo di combinazione di carico
SLU = Stato limite ultimo
SLE R = Stato limite d'esercizio, combinazione rara
SLE F = Stato limite d'esercizio, combinazione frequente
SLE Q = Stato limite d'esercizio, combinazione quasi permanente
Tp = Tipo di acciaio
VRcd = Taglio ultimo lato calcestruzzo
VRsd = Taglio ultimo lato armatura
Vrdu = Taglio ultimo resistente
Vsdu = Taglio agente nella direzione del momento ultimo
Wk = Ampiezza caratteristica delle fessure
X = Coordinata X del nodo
Y = Coordinata Y del nodo
c = Ricoprimento dell'armatura
ctgθ = Cotangente dell'angolo di inclinazione dei puntoni di calcestruzzo
s = Distanza massima tra le barre

Armatura platea a quota 0.00

Caratteristiche delle sezioni e dei materiali utilizzati

Spess. <cm>	Cf sup <cm>	Cf inf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Tp	Fyk <daN/cmq>	Fyd <daN/cmq>
50.00	3.50	3.50	C32/40	332.00	21.69	188.13	14.46	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/pressoflessione

Nodo	X <m>	Y <m>	DV	CC	TCC	AfE S <cmq>	AfE I <cmq>	My <daNm>	MRdy <daNm>	Sic.
-49	1.00	2.50	XX	1	SLU	7.70	7.70	306.76	13950.30	45.477
-57	11.00	2.50	XX	1	SLU	7.70	7.70	199.74	13950.30	69.844
-108	12.50	4.00	XX	1	SLU	7.70	7.70	-1013.79	-13950.30	13.761
-164	2.50	6.00	XX	1	SLU	7.70	7.70	-1378.22	-13950.30	10.122
-4	2.50	1.00	YY	1	SLU	7.70	7.70	308.96	13950.30	45.152
-12	12.50	1.00	YY	1	SLU	7.70	7.70	233.07	13950.30	59.855
-108	12.50	4.00	YY	1	SLU	7.70	7.70	-1510.34	-13950.30	9.237
-164	2.50	6.00	YY	1	SLU	7.70	7.70	-4108.43	-13950.30	3.396

Stato limite ultimo - Verifiche a taglio

Nodo	X <m>	Y <m>	DV	CC	TCC	AfE S <cmq>	AfE I <cmq>	AfE St. <cmq/m>	Vsdu <daN>	ctgθ	VRcd <daN>	VRsd <daN>	Vrdu <daN>	Sic.
-163	2.00	6.00	XX	1	SLU	7.70	7.70		1906.80				19980.80	10.479
-107	12.00	4.00	XX	1	SLU	7.70	7.70		1547.49				19980.80	12.912
-84	2.50	3.50	YY	1	SLU	7.70	7.70		2695.50				19980.80	7.413
-44	12.50	2.00	YY	1	SLU	7.70	7.70		1675.31				19980.80	11.927

Stato limite d'esercizio - Verifiche tensionali

Nodo	X <m>	Y <m>	DV	CC	TCC	AfE S <cmq>	AfE I <cmq>	Mom <daNm>	σ_c <daN/cmq>	σ_f <daN/cmq>
-49	1.00	2.50	XX	2	SLE R	7.70	7.70	204.50	0.93	61.05
-49	1.00	2.50	XX	4	SLE Q	7.70	7.70	204.50	0.93	61.05
-57	11.00	2.50	XX	2	SLE R	7.70	7.70	133.16	0.61	39.75
-57	11.00	2.50	XX	4	SLE Q	7.70	7.70	133.16	0.61	39.75
-125	13.00	4.50	XX	2	SLE R	7.70	7.70	-675.86	3.09	201.75
-125	13.00	4.50	XX	4	SLE Q	7.70	7.70	-675.86	3.09	201.75
-164	2.50	6.00	XX	2	SLE R	7.70	7.70	-918.81	4.20	274.28
-164	2.50	6.00	XX	4	SLE Q	7.70	7.70	-918.81	4.20	274.28
-4	2.50	1.00	YY	2	SLE R	7.70	7.70	205.97	0.94	61.49
-4	2.50	1.00	YY	4	SLE Q	7.70	7.70	205.97	0.94	61.49
-12	12.50	1.00	YY	2	SLE R	7.70	7.70	155.38	0.71	46.38
-12	12.50	1.00	YY	4	SLE Q	7.70	7.70	155.38	0.71	46.38
-109	13.00	4.00	YY	2	SLE R	7.70	7.70	-1006.89	4.60	300.57
-109	13.00	4.00	YY	4	SLE Q	7.70	7.70	-1006.89	4.60	300.57
-164	2.50	6.00	YY	2	SLE R	7.70	7.70	-2738.95	12.51	817.61
-164	2.50	6.00	YY	4	SLE Q	7.70	7.70	-2738.95	12.51	817.61

Stato limite d'esercizio - Verifiche a fessurazione

Nodo	X <m>	Y <m>	DV	CC	TCC	c <mm>	s <mm>	K_2	Φ_{eq}	Δ_{sm} <mm>	A_s <cmq>	$A_{c\ eff}$ <cmq>	σ_s <daN/cmq>	ε_{sm}	Wk <mm>
-49	1.00	2.50	XX	4	SLE Q	28.00	200.00	0.50	14.00	309.89	9.24	875.00	61.05	0.02	0.01
-49	1.00	2.50	XX	3	SLE F	28.00	200.00	0.50	14.00	309.89	9.24	875.00	61.05	0.02	0.01
-57	11.00	2.50	XX	4	SLE Q	28.00	200.00	0.50	14.00	309.89	9.24	875.00	39.75	0.01	0.01
-57	11.00	2.50	XX	3	SLE F	28.00	200.00	0.50	14.00	309.89	9.24	875.00	39.75	0.01	0.01
-125	13.00	4.50	XX	4	SLE Q	28.00	200.00	0.50	14.00	309.89	9.24	875.00	201.75	0.06	0.03
-125	13.00	4.50	XX	3	SLE F	28.00	200.00	0.50	14.00	309.89	9.24	875.00	201.75	0.06	0.03
-164	2.50	6.00	XX	4	SLE Q	28.00	200.00	0.50	14.00	309.89	9.24	875.00	274.28	0.08	0.04
-164	2.50	6.00	XX	3	SLE F	28.00	200.00	0.50	14.00	309.89	9.24	875.00	274.28	0.08	0.04
-4	2.50	1.00	YY	4	SLE Q	28.00	200.00	0.50	14.00	309.89	9.24	875.00	61.49	0.02	0.01
-4	2.50	1.00	YY	3	SLE F	28.00	200.00	0.50	14.00	309.89	9.24	875.00	61.49	0.02	0.01
-12	12.50	1.00	YY	4	SLE Q	28.00	200.00	0.50	14.00	309.89	9.24	875.00	46.38	0.01	0.01
-12	12.50	1.00	YY	3	SLE F	28.00	200.00	0.50	14.00	309.89	9.24	875.00	46.38	0.01	0.01
-109	13.00	4.00	YY	4	SLE Q	28.00	200.00	0.50	14.00	309.89	9.24	875.00	300.57	0.09	0.05
-109	13.00	4.00	YY	3	SLE F	28.00	200.00	0.50	14.00	309.89	9.24	875.00	300.57	0.09	0.05
-164	2.50	6.00	YY	4	SLE Q	28.00	200.00	0.50	14.00	309.89	9.24	875.00	817.61	0.24	0.13
-164	2.50	6.00	YY	3	SLE F	28.00	200.00	0.50	14.00	309.89	9.24	875.00	817.61	0.24	0.13

9.0 RISULTATI STRUTTURE INTERRATO LOCALE UTENZE

9.1 Diagrammi tassi di sfruttamento

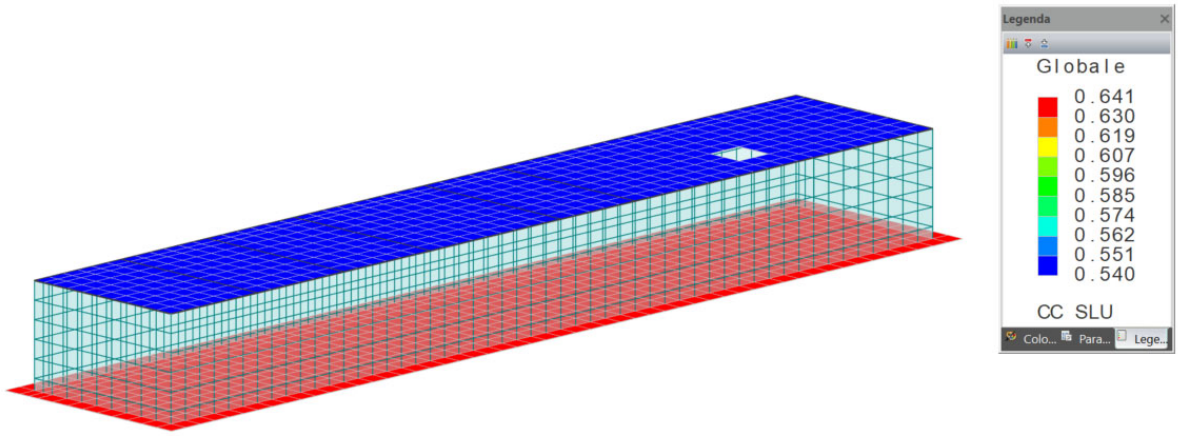


Diagramma tassi di sfruttamento resistenza soletta e platea combo SLU con valore massimo pari a 0,641

Figure 43: Tassi di sfruttamento SLU (Stato limite ultimo) soletta e platea

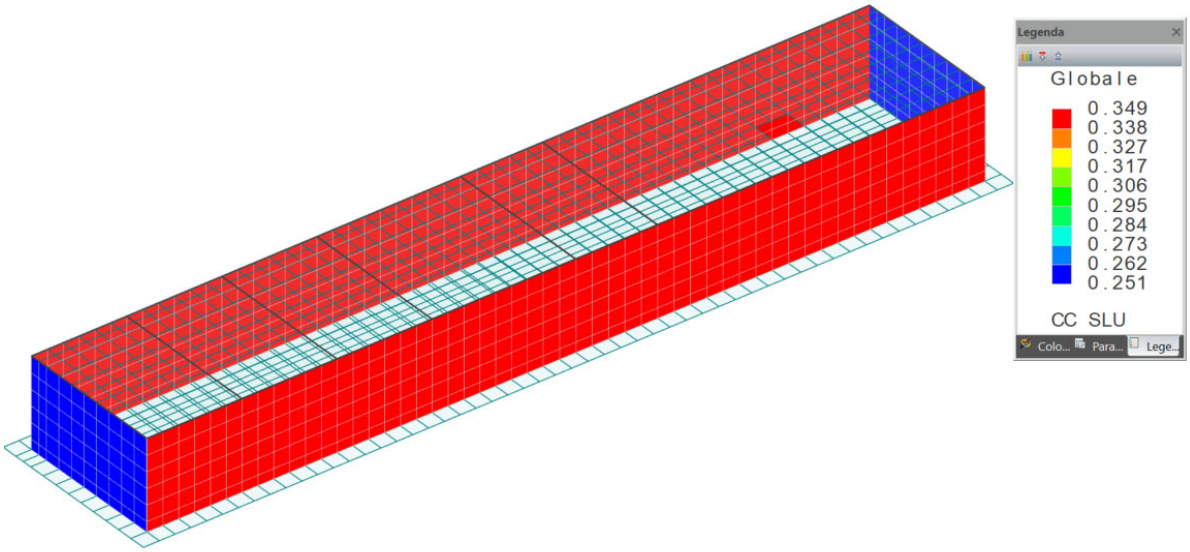
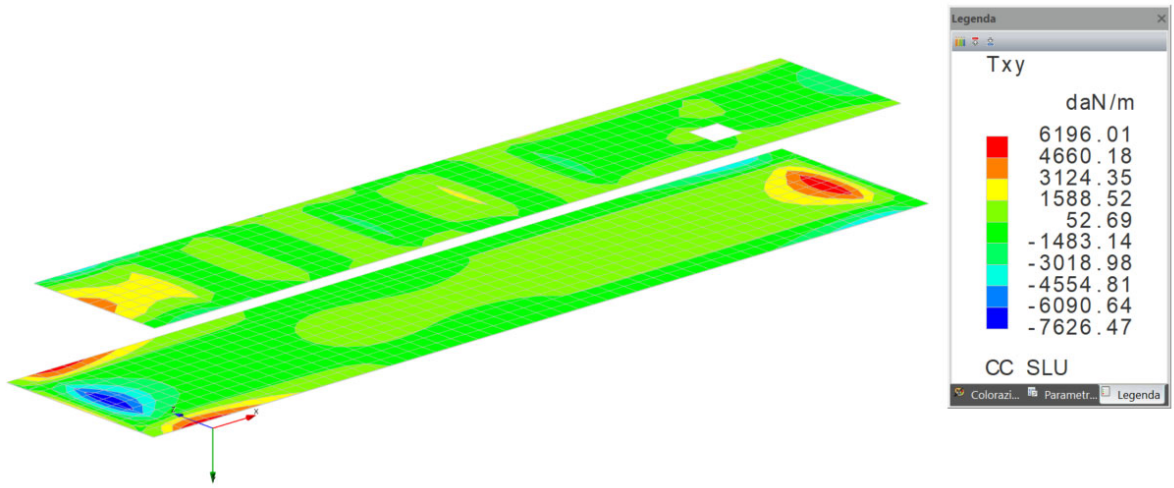


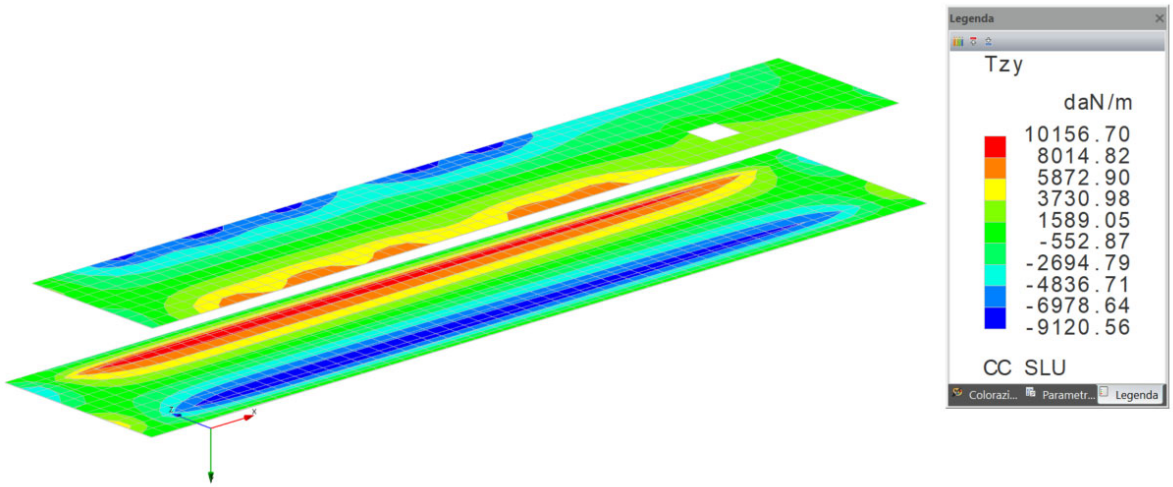
Diagramma tassi di sfruttamento resistenza pareti combo SLU con valore massimo pari a 0,349

Figure 44: Tassi di sfruttamento SLU (Stato limite ultimo) pareti

9.2 Sollecitazioni

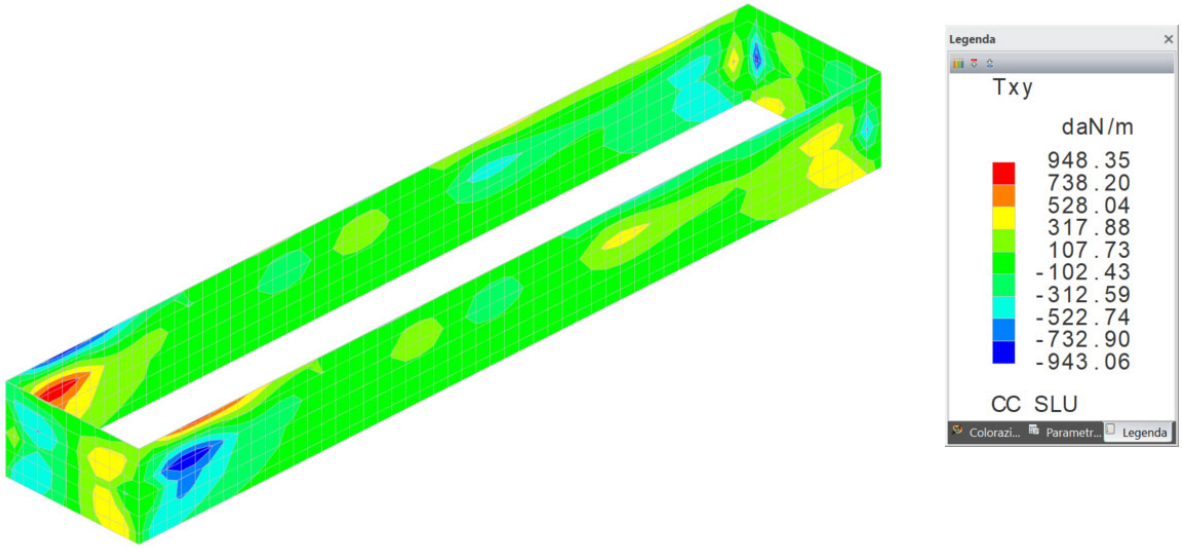


Inviluppo sforzo di taglio in direzione X su faccia con normale Y SLU Tmax = 7626,47 daN/m

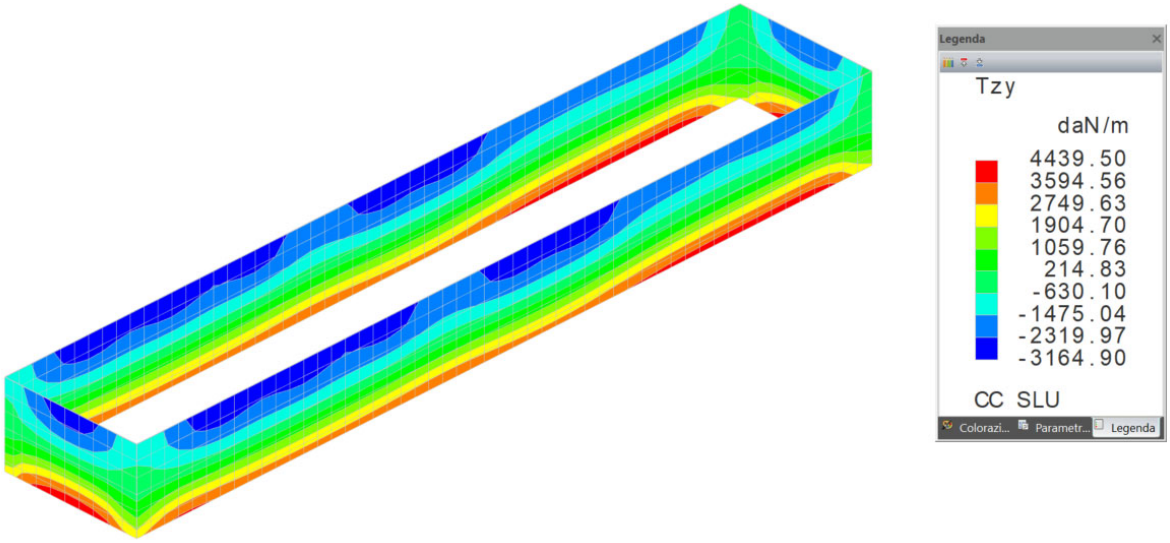


Inviluppo sforzo di taglio in direzione Z su faccia con normale Y SLU Tmax = 10156,70 daN/m

Figure 45: Taglio solette

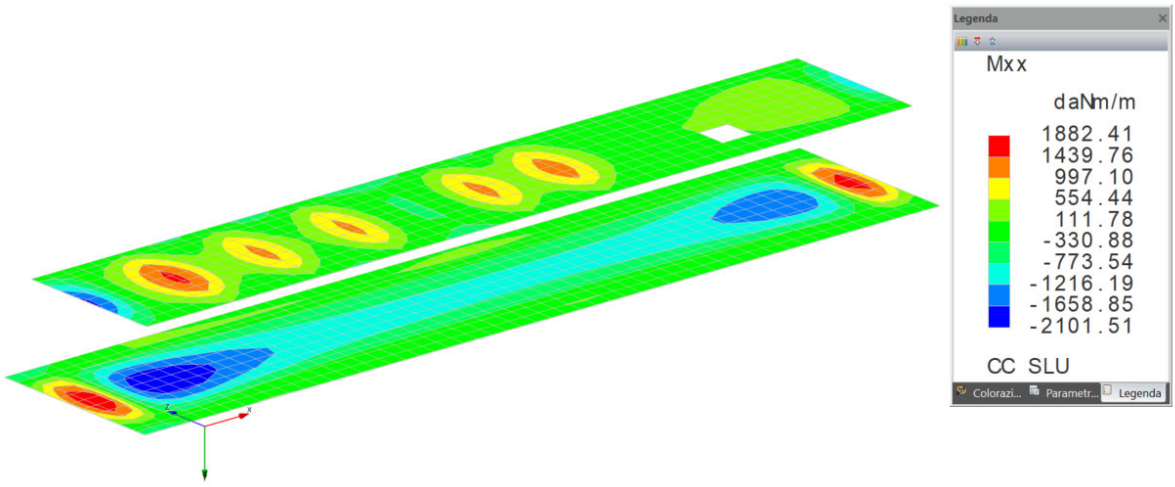


Inviluppo sforzo di taglio in direzione X su faccia con normale Y SLU Tmax = 948,35 daN/m

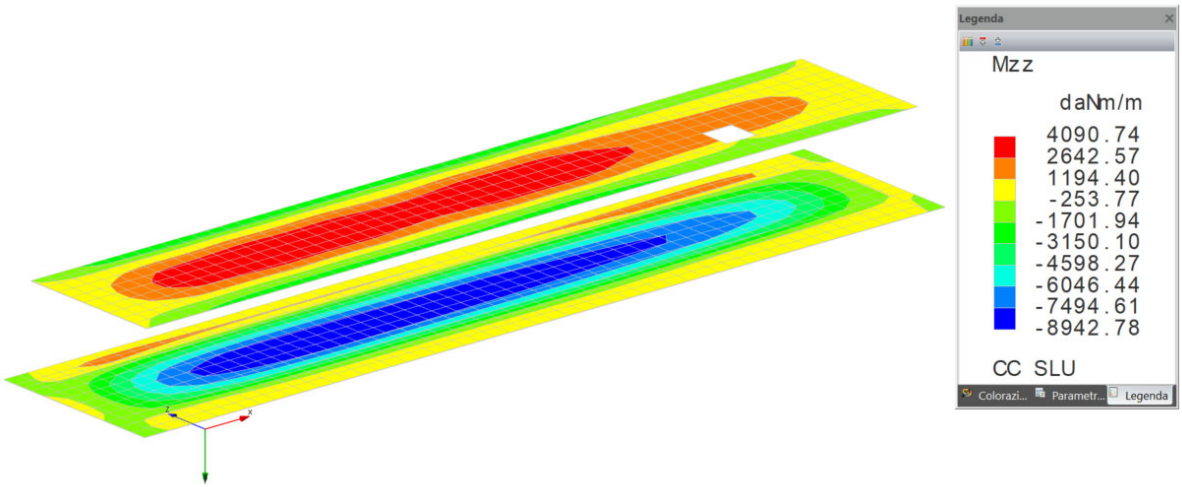


Inviluppo sforzo di taglio in direzione Z su faccia con normale Y SLU Tmax = 4439,50 daN/m

Figure 46: Taglio pareti

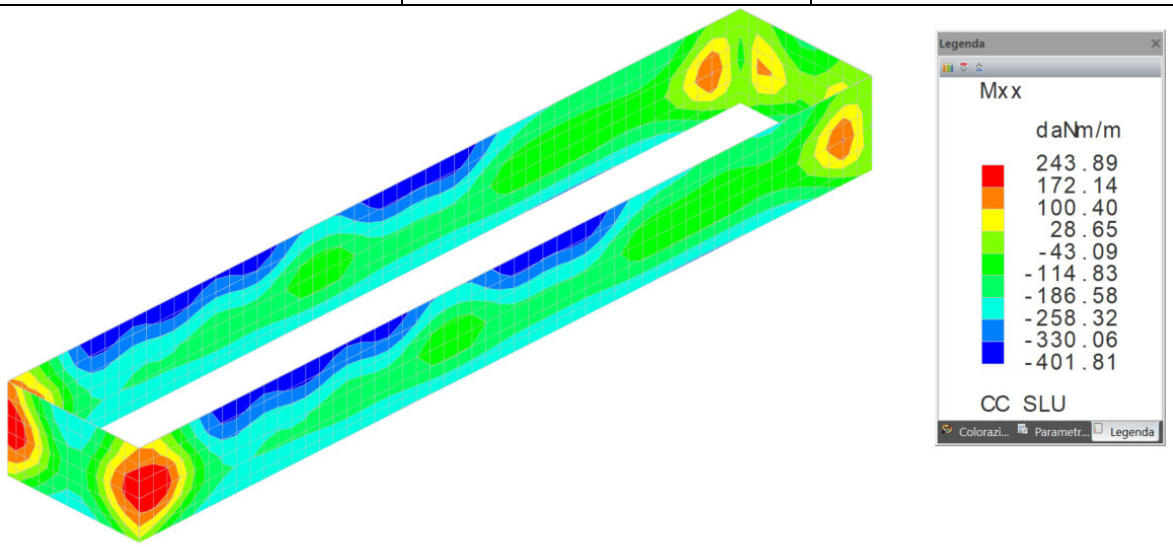


Inviluppo momento che genera tensioni in direzioni X su facce con normale X SLU Mmax = 2101,51 daN×m/m

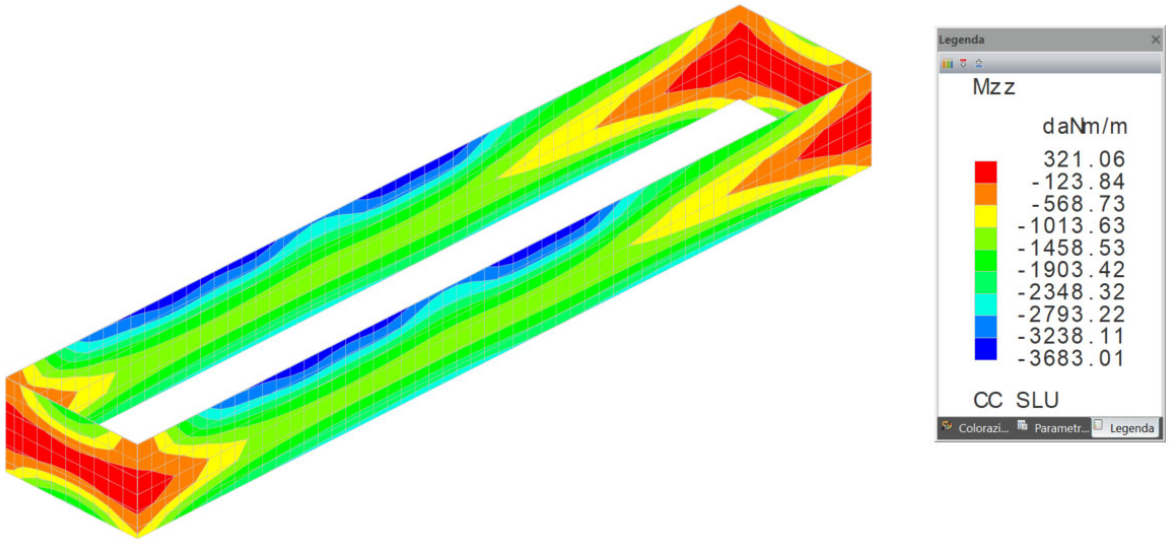


Inviluppo momento che genera tensioni in direzioni Z su facce con normale Z SLU Mmax = 8942,78 daN×m/m

Figure 47: Momento Flettente solette



Inviluppo momento che genera tensioni in direzioni X su facce con normale X SLU Mmax = 401,81 daN×m/m



Inviluppo momento che genera tensioni in direzioni Z su facce con normale Z SLU Mmax = 3683,01 daN×m/m

Figure 48: Momento Flettente pareti

9.3 Tabulati di calcolo

Si riportano i tabulati di calcolo elaborati come output dal programma di calcolo.

Risultati del calcolo

Parametri di calcolo
La modellazione della struttura e la rielaborazione dei risultati del calcolo sono stati effettuati con:
ModeSt ver. 8.28, licenza n. 7279, prodotto da Tecnisoft s.a.s. - Prato
La struttura è stata calcolata utilizzando come solutore agli elementi finiti:
Xfinest ver. 9.5.3, licenza n. 3451, prodotto da Ce.A.S. S.r.l. - Milano

Tipo di normativa: stati limite D.M. 18
Tipo di calcolo: sismica statica
Vincoli esterni: Considera sempre vincoli assegnati in modellazione
Schematizzazione piani rigidi: nessun impalcato rigido
Modalità di recupero masse secondarie: mantenere sul nodo masse e forze relative

Generazione combinazioni

- Lineari: Sì
- Valuta spostamenti e non sollecitazioni: No
- Buckling: No

Opzioni di calcolo

- Sono state considerate infinitamente rigide le zone di connessione fra travi, pilastri ed elementi bidimensionali con una riduzione del 20%
- Calcolo con offset rigidi dai nodi: No
- Uniformare i carichi variabili: No
- Massimizzare i carichi variabili: No
- Recupero carichi zone rigide: taglio e momento flettente
- Modalità di combinazione momento torcente: disaccoppiare le azioni

Opzioni del solutore

- Tipo di elemento bidimensionale: QF46
- Calcolo sforzo nei nodi: No
- Trascura deformabilità a taglio delle aste: No
- Analisi dinamica con metodo di Lanczos: Sì
- Check sequenza di Sturm: Sì
- Analisi non lineare con Newton modificato: No
- Usa formulazione secante per buckling: No
- Trascura buckling torsionale: No

Dati struttura

- Sito di costruzione: CQX6+WR Manfredonia FG, Italia LON. 15.76210 LAT. 41.44980
  Contenuto tra ID reticolo: 30337 30559 30338 30560

Simbologia
Ag = Accelerazione orizzontale massima al sito
C_C = Coefficiente funzione della categoria del suolo
Fo = Valore massimo del fattore di amplificazione dello spettro in accelerazione orizzontale
S_S = Coefficiente di amplificazione stratigrafica
T_R = Periodo di ritorno <anni>
TCC = Tipo di combinazione di carico
SLU = Stato limite ultimo
SLE R = Stato limite d'esercizio, combinazione rara
SLE F = Stato limite d'esercizio, combinazione frequente
SLE Q = Stato limite d'esercizio, combinazione quasi permanente
SLD = Stato limite di danno
SND = Stato limite di salvaguardia della vita (non dissipativo)
Tc* = Periodo di inizio del tratto a velocità costante dello spettro in accelerazione orizzontale <sec>

TCC	T_R	Ag <g>	Fo	Tc*	S_S	C_C
SLD	101	0.0761	2.57	0.34	1.50	1.49
SLV	949	0.1685	2.61	0.44	1.44	1.38

- Edificio esistente: No
- Spettri: Automatici da normativa
- Tipo di opera: Opera ordinaria
- Vita nominale V_N: 50.00
- Classe d'uso: Classe IV
- SL Esercizio: SLOPvr No, SLDPvr 63.00
- SL Ultimi: SLVPvr 10.00, SLCPvr No
- Struttura dissipativa: No
- Quota di riferimento: 0.00 <m>
- Quota max della struttura: 2.70 <m>
- Altezza della struttura: 2.70 <m>
- Numero piani edificio: 0
- Coefficiente θ: 0.00
- Edificio regolare in altezza: Sì
- Edificio regolare in pianta: Sì
- Forze orizzontali convenzionali per stati limite non sismici: No
- Genera stati limite per verifiche di resistenza al fuoco: No

Dati di calcolo

- Categoria del suolo di fondazione: C
- Tipologia strutturale: c.a. o prefabbricata a pareti non accoppiate

Periodo T_1	0.10532

Coeff. λ SLD	1.00
Coeff. λ SLV	1.00
Rapporto di sovraresistenza (α_u/α_1)	1.10
Valore di riferimento del fattore di comportamento (q_0)	3.00
Fattore riduttivo (K_w)	0.50
Fattore riduttivo regolarità in altezza (KR)	1.00
Fattore di comportamento dissipativo (q)	1.50
Fattore di comportamento non dissipativo (qND)	1.00
Fattore di comportamento per SLD (qD)	1.00

- Categoria topografica: T1 - Superficie pianeggiante, pendii e rilievi isolati con inclinazione media i<=15°
- Coeff. amplificazione topografica S_T: 1.00
- Accelerazione di picco del terreno AgS: 0.242 <g>
- Fattore di comportamento per sisma verticale (qv): 1.50
- Smorzamento spettro: 5.00%

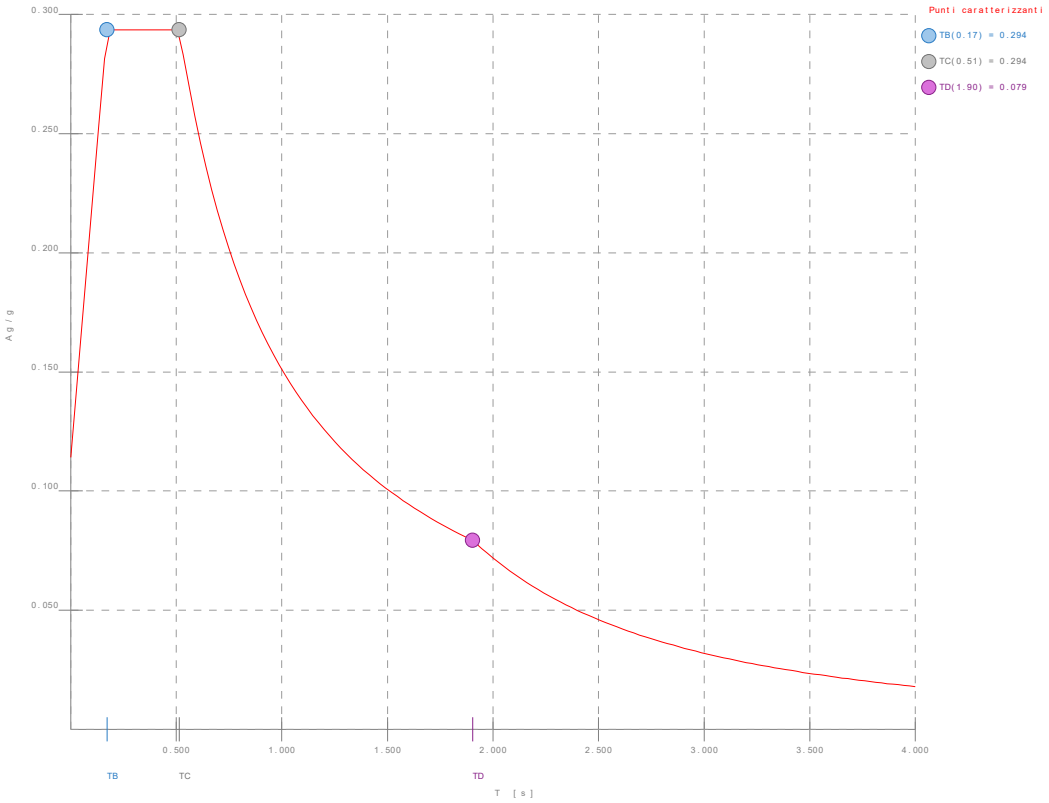


Figura numero 1: Spettro SLD

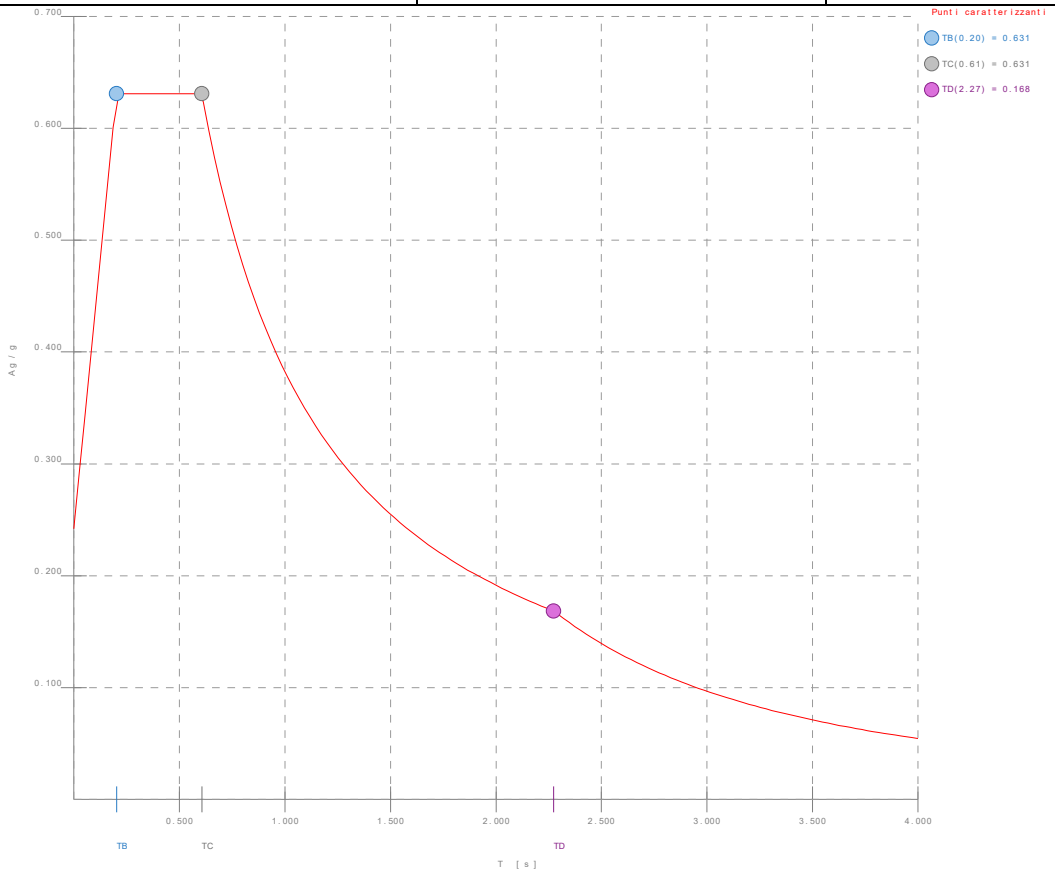


Figura numero 2: Spettro SND

- Angolo di ingresso del sisma: 0.00 <grad>
- Tipo di combinazione sismica: 30% esteso

Ambienti di carico
Simbologia
N = Numero
Comm. = Commento
1 = G1 - permanenti strutturali
2 = G2 - permanenti non strutturali
3 = Q - variabili cat. E
F = azioni orizzontali convenzionali
SLU = Stato limite ultimo
SLR = Stato limite per combinazioni rare
SLF = Stato limite per combinazioni frequenti
SLQ/D = Stato limite per combinazioni quasi permanenti o di danno
S = Sì
N = No

N	Comm.	1	2	3	S	SLU	SLR	SLF	SLQ
1	Calcolo sismico	S	S	S	S	S	N	N	N
2	Calcolo statico	S	S	S	N	S	S	S	S

Elenco combinazioni di carico simboliche

Simbologia
CC = Numero della combinazione delle condizioni di carico elementari
Comm. = Commento
TCC = Tipo di combinazione di carico
SLU = Stato limite ultimo
SLE R = Stato limite d'esercizio, combinazione rara
SLE F = Stato limite d'esercizio, combinazione frequente
SLE Q = Stato limite d'esercizio, combinazione quasi permanente
SLD = Stato limite di danno
SND = Stato limite di salvaguardia della vita (non dissipativo)

CC	Comm.	TCC	1	2	3	S
1	Amb. 1 (Sisma)	SLU S	1	1	ψ_2	1
2	Amb. 2 (SLU)	SLU	γ max	γ max	γ max	-----
3	Amb. 2 (SLE R)	SLE R	1	1	1	-----
4	Amb. 2 (SLE F)	SLE F	1	1	ψ_1	-----
5	Amb. 2 (SLE Q)	SLE Q	1	1	ψ_2	-----

Genera le combinazioni con un solo carico di tipo variabile come di base: Sì

Considera sollecitazioni dinamiche con segno dei modi principali: No

Combinazioni delle CCE

Simbologia

An. =Tipo di analisi
L = Lineare
NL = Non lineare
Bk =Buckling
S = Sì
N = No
CC =Numero della combinazione delle condizioni di carico elementari
Comm. =Commento
TCC =Tipo di combinazione di carico
SLU = Stato limite ultimo
SLE R = Stato limite d'esercizio, combinazione rara
SLE F = Stato limite d'esercizio, combinazione frequente
SLE Q = Stato limite d'esercizio, combinazione quasi permanente
SLD = Stato limite di danno
SND = Stato limite di salvaguardia della vita (non dissipativo)

CC	Comm.	TCC	An.	Bk	1	2	3	S X	S Y
1	Amb. 1 (SLU S) S +X+0.3Y	SND	L	N	1.00	1.00	0.80	1.00	0.30
2	Amb. 1 (SLE) S +X+0.3Y	SLD	L	N	1.00	1.00	0.80	1.00	0.30
3	Amb. 1 (SLU S) S +X-0.3Y	SND	L	N	1.00	1.00	0.80	1.00	-0.30
4	Amb. 1 (SLE) S +X-0.3Y	SLD	L	N	1.00	1.00	0.80	1.00	-0.30
5	Amb. 1 (SLU S) S -X+0.3Y	SND	L	N	1.00	1.00	0.80	-1.00	0.30
6	Amb. 1 (SLE) S -X+0.3Y	SLD	L	N	1.00	1.00	0.80	-1.00	0.30
7	Amb. 1 (SLU S) S -X-0.3Y	SND	L	N	1.00	1.00	0.80	-1.00	-0.30
8	Amb. 1 (SLE) S -X-0.3Y	SLD	L	N	1.00	1.00	0.80	-1.00	-0.30
9	Amb. 1 (SLU S) S +0.3X+Y	SND	L	N	1.00	1.00	0.80	0.30	1.00
10	Amb. 1 (SLE) S +0.3X+Y	SLD	L	N	1.00	1.00	0.80	0.30	1.00
11	Amb. 1 (SLU S) S -0.3X+Y	SND	L	N	1.00	1.00	0.80	-0.30	1.00
12	Amb. 1 (SLE) S -0.3X+Y	SLD	L	N	1.00	1.00	0.80	-0.30	1.00
13	Amb. 1 (SLU S) S +0.3X-Y	SND	L	N	1.00	1.00	0.80	0.30	-1.00
14	Amb. 1 (SLE) S +0.3X-Y	SLD	L	N	1.00	1.00	0.80	0.30	-1.00
15	Amb. 1 (SLU S) S -0.3X-Y	SND	L	N	1.00	1.00	0.80	-0.30	-1.00
16	Amb. 1 (SLE) S -0.3X-Y	SLD	L	N	1.00	1.00	0.80	-0.30	-1.00
17	Amb. 2 (SLU)	SLU	L	N	1.30	1.50	1.50	0.00	0.00
18	Amb. 2 (SLE R)	SLE R	L	N	1.00	1.00	1.00	0.00	0.00
19	Amb. 2 (SLE F)	SLE F	L	N	1.00	1.00	0.90	0.00	0.00
20	Amb. 2 (SLE Q)	SLE Q	L	N	1.00	1.00	0.80	0.00	0.00

Elenco masse nodi

Simbologia
Mo =Massa orizzontale
Nodo =Numero del nodo

Nodo	Mo <kg>	Nodo	Mo <kg>	Nodo	Mo <kg>	Nodo	Mo <kg>	Nodo	Mo <kg>	Nodo	Mo <kg>	Nodo	Mo <kg>	Nodo	Mo <kg>	Nodo	Mo <kg>
-1917	1342.12	-1916	1711.77	-1915	1711.77	-1914	1711.77	-1913	1711.77	-1912	1711.77	-1911	1711.77	-1910	1711.77	-1909	1711.77	-1908	1711.77
-1907	1711.77	-1906	1711.77	-1905	1711.77	-1904	1711.77	-1903	1711.77	-1902	1711.77	-1901	1711.77	-1900	1711.77	-1899	1711.77	-1898	1711.77
-1897	2170.49	-1896	1711.77	-1895	1711.77	-1894	1711.77	-1893	1711.77	-1892	2170.49	-1891	1711.77	-1890	1684.39	-1889	1657.00	-1888	1657.00
-1887	1657.00	-1886	1657.00	-1885	1657.00	-1884	1657.00	-1883	2115.71	-1882	1657.00	-1881	1657.00	-1880	1657.00	-1879	1657.00	-1878	1657.00
-1877	2115.71	-1876	1657.00	-1875	1657.00	-1874	1657.00	-1873	1657.00	-1872	1657.00	-1871	2115.71	-1870	1657.00	-1869	1657.00	-1868	1657.00
-1867	1657.00	-1866	1657.00	-1865	1314.74	-1864	1063.46	-1863	181.96	-1862	181.96	-1861	181.96	-1860	181.96	-1859	181.96	-1858	181.96
-1857	181.96	-1856	181.96	-1855	181.96	-1854	181.96	-1853	181.96	-1852	181.96	-1851	181.96	-1850	181.96	-1849	181.96	-1848	181.96
-1847	181.96	-1846	181.96	-1845	181.96	-1844	1099.39	-1843	181.96	-1842	181.96	-1841	181.96	-1840	181.96	-1839	1099.39	-1838	181.96
-1837	179.05	-1836	176.13	-1835	176.13	-1834	176.13	-1833	176.13	-1832	176.13	-1831	176.13	-1830	1093.57	-1829	176.13	-1828	176.13
-1827	176.13	-1826	176.13	-1825	176.13	-1824	1093.57	-1823	176.13	-1822	176.13	-1821	176.13	-1820	176.13	-1819	176.13	-1818	1093.57
-1817	176.13	-1816	176.13	-1815	176.13	-1814	176.13	-1813	176.13	-1812	1060.54	-1811	1417.94	-1810	242.61	-1809	242.61	-1808	242.61
-1807	242.61	-1806	242.61	-1805	242.61	-1804	242.61	-1803	242.61	-1802	242.61	-1801	242.61	-1800	242.61	-1799	242.61	-1798	242.61
-1797	242.61	-1796	242.61	-1795	242.61	-1794	242.61	-1793	242.61	-1792	242.61	-1791	1465.85	-1790	242.61	-1789	242.61	-1788	242.61
-1787	242.61	-1786	1465.85	-1785	242.61	-1784	238.73	-1783	234.85	-1782	234.85	-1781	234.85	-1780	234.85	-1779	234.85	-1778	234.85
-1777	1458.09	-1776	234.85	-1775	234.85	-1774	234.85	-1773	234.85	-1772	234.85	-1771	1458.09	-1770	234.85	-1769	234.85	-1768	234.85
-1767	234.85	-1766	234.85	-1765	1458.09	-1764	234.85	-1763	234.85	-1762	234.85	-1761	234.85	-1760	234.85	-1759	1414.06	-1758	1772.43
-1757	303.26	-1756	303.26	-1755	303.26	-1754	303.26	-1753	303.26	-1752	303.26	-1751	303.26	-1750	303.26	-1749	303.26	-1748	303.26
-1747	303.26	-1746	303.26	-1745	303.26	-1744	303.26	-1743	303.26	-1742	303.26	-1741	303.26	-1740	303.26	-1739	303.26	-1738	1832.31
-1737	303.26	-1736	303.26	-1735	303.26	-1734	303.26	-1733	1832.31	-1732	303.26	-1731	298.41	-1730	293.56	-1729	293.56	-1728	293.56
-1727	293.56	-1726	293.56	-1725	293.56	-1724	1822.61	-1723	293.56	-1722	293.56	-1721	293.56	-1720	293.56	-1719	293.56	-1718	1822.61
-1717	293.56	-1716	293.56	-1715	293.56	-1714	293.56	-1713	293.56	-1712	1822.61	-1711	293.56	-1710	293.56	-1709	293.56	-1708	293.56
-1707	293.56	-1706	1767.57	-1705	1772.43	-1704	303.26	-1703	303.26	-1702	303.26	-1701	303.26	-1700	303.26	-1699	303.26	-1698	303.26
-1697	303.26	-1696	303.26	-1695	303.26	-1694	303.26	-1693	303.26	-1692	303.26	-1691	303.26	-1690	303.26	-1689	303.26	-1688	303.26
-1687	303.26	-1686	303.26	-1685	1832.31	-1684	303.26	-1683	303.26	-1682	303.26	-1681	303.26	-1680	1832.31	-1679	303.26	-1678	298.41
-1677	293.56	-1676	293.56	-1675	293.56	-1674	293.56	-1673	293.56	-1672	293.56	-1671	1822.61	-1670	293.56	-1669	293.56	-1668	293.56
-1667	293.56	-1666	293.56	-1665	1822.61	-1664	293.56	-1663	293.56	-1662	293.56	-1661	293.56	-1660	293.56	-1659	1822.61	-1658	293.56
-1657	293.56	-1656	293.56	-1655	293.56	-1654	293.56	-1653	1767.57	-1652	1772.43	-1651	303.26	-1650	303.26	-1649	303.26	-1648	303.26
-1647	303.26	-1646	303.26	-1645	303.26	-1644	303.26	-1643	303.26	-1642	303.26	-1641	303.26	-1640	303.26	-1639	303.26	-1638	303.26
-1637	303.26	-1636	303.26	-1635	303.26	-1634	303.26	-1633	303.26	-1632	1832.31	-1631	303.26	-1630	303.26	-1629	303.26	-1628	303.26
-1627	1832.31	-1626	303.26	-1625	298.41	-1624	293.56	-1623	293.56	-1622	293.56	-1621	293.56	-1620	293.56	-1619	293.56	-1618	1822.61
-1617	293.56	-1616	293.56	-1615	293.56	-1614	293.56	-1613	293.56	-1612	1822.61	-1611	293.56	-1610	293.56	-1609	293.56	-1608	293.56
-1607	293.56	-1606	1822.61	-1605	293.56	-1604	293.56	-1603	293.56	-1602	293.56	-1601	293.56	-1600	1767.57	-1599	1772.43	-1598	303.26
-1597	303.26	-1596	303.26	-1595	303.26	-1594	303.26	-1593	303.26	-1592	303.26	-1591	303.26	-1590	227.45	-1589	151.63	-1588	227.45
-1587	303.26	-1586	303.26	-1585	303.26	-1584	303.26	-1583	303.26	-1582	303.26	-1581	303.26	-1580	303.26	-1579	1832.31	-1578	303.26
-1577	303.26	-1576	303.26	-1575	303.26	-1574	1832.31	-1573	303.26	-1572	298.41	-1571	293.56	-1570	293.56	-1569	293.56	-1568	293.56
-1567	293.56	-1566	293.56	-1565	1822.61	-1564	293.56	-1563	293.56	-1562	293.56	-1561	293.56	-1560	293.56	-1559	1822.61	-1558	293.56
-1557	293.56	-1556	293.56	-1555	293.56	-1554	293.56	-1553	1822.61	-1552	293.56	-1551	293.56	-1550	293.56	-1549	293.56	-1548	293.56
-1547	1767.57	-1546	1772.43	-1545	303.26	-1544	303.26	-1543	303.26	-1542	303.26	-1541	303.26	-1540	303.26	-1539	303.26	-1538	303.26
-1537	151.63	-1536	151.63	-1535	303.26	-1534	303.26	-1533	303.26	-1532	303.26	-1531	303.26	-1530	303.26	-1529	303.26	-1528	303.26
-1527	1832.31	-1526	303.26	-1525	303.26	-1524	303.26	-1523	303.26	-1522	1832.31	-1521	303.26	-1520	298.41	-1519	293.56	-1518	293.56
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-1487	303.26	-1486	303.26	-1485	227.45	-1484	151.63	-1483	227.45	-1482	303.26	-1481	303.26	-1480	303.26	-1479	303.26	-1478	303.26
-1477	303.26	-1476	303.26	-1475	303.26	-1474	1832.31	-1473	303.26	-1472	303.26	-1471	303.26	-1470	303.26	-1469	1832.31	-1468	303.26
-1467	298.41	-1466	293.56	-1465	293.56	-1464	293.56	-1463	293.56	-1462	293.56	-1461	293.56	-1460	1822.61	-1459	293.56	-1458	293.56
-1457	293.56	-1456	293.56	-1455	293.56	-1454	1822.61	-1453	293.56	-1452	293.56	-1451	293.56	-1450	293.56	-1449	293.56	-1448	1822.61
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-1417	303.26	-1416	1832.31	-1415	303.26	-1414	298.41	-1413	293.56	-1412	293.56	-1411	293.56	-1410	293.56	-1409	293.56	-1408	293.56
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-1377	1772.43	-1376	1772.43	-1375	1772.43	-1374	1772.43	-1373	1772.43	-1372	1772.43	-1371	1772.43	-1370	1772.43	-1369	1772.43	-1368	2536.95
-1367	1772.43	-1366	1772.43	-1365	1772.43	-1364	1772.43	-1363	2536.95	-1362	1772.43	-1361	1744.07	-1360	1715.71	-1359	1715.71	-1358	1715.71

-1357	1715.71	-1356	1715.71	-1355	1715.71	-1354	2480.23	-1353	1715.71	-1352	1715.71	-1351	1715.71	-1350	1715.71	-1349	1715.71	-1348	2480.23
-1347	1715.71	-1346	1715.71	-1345	1715.71	-1344	1715.71	-1343	1715.71	-1342	2480.23	-1341	1715.71	-1340	1715.71	-1339	1715.71	-1338	1715.71
-1337	1715.71	-1336	1668.25	-1335	146.79	-1334	183.49	-1333	183.49	-1332	183.49	-1331	183.49	-1330	183.49	-1329	183.49	-1328	183.49
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-1307	177.62	-1306	177.62	-1305	177.62	-1304	177.62	-1303	177.62	-1302	177.62	-1301	177.62	-1300	177.62	-1299	177.62	-1298	177.62
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-1287	177.62	-1286	177.62	-1285	177.62	-1284	177.62	-1283	143.85	-1282	110.09	-1281	110.09	-1280	146.79	-1279	146.79	-1278	183.49
-1277	183.49	-1276	183.49	-1275	183.49	-1274	183.49	-1273	183.49	-1272	183.49	-1271	183.49	-1270	183.49	-1269	183.49	-1268	183.49
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-1247	183.49	-1246	183.49	-1245	183.49	-1244	183.49	-1243	183.49	-1242	183.49	-1241	183.49	-1240	183.49	-1239	183.49	-1238	183.49
-1237	180.55	-1236	177.62	-1235	177.62	-1234	177.62	-1233	177.62	-1232	177.62	-1231	177.62	-1230	177.62	-1229	177.62	-1228	177.62
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-1217	177.62	-1216	177.62	-1215	177.62	-1214	177.62	-1213	177.62	-1212	180.55	-1211	146.79	-1210	183.49	-1209	183.49	-1208	183.49
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-1177	177.62	-1176	177.62	-1175	177.62	-1174	177.62	-1173	177.62	-1172	177.62	-1171	177.62	-1170	177.62	-1169	177.62	-1168	177.62
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-1157	110.09	-1156	146.79	-1155	146.79	-1154	183.49	-1153	183.49	-1152	183.49	-1151	183.49	-1150	183.49	-1149	183.49	-1148	183.49
-1147	183.49	-1146	183.49	-1145	183.49	-1144	183.49	-1143	183.49	-1142	183.49	-1141	183.49	-1140	183.49	-1139	183.49	-1138	183.49
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-1017	183.49	-1016	183.49	-1015	183.49	-1014	183.49	-1013	183.49	-1012	183.49	-1011	183.49	-1010	183.49	-1009	183.49	-1008	183.49
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-997	183.49	-996	183.49	-995	183.49	-994	183.49	-993	183.49	-992	183.49	-991	183.49	-990	183.49	-989	180.55	-988	177.62
-987	177.62	-986	177.62	-985	177.62	-984	177.62	-983	177.62	-982	177.62	-981	177.62	-980	177.62	-979	177.62	-978	177.62
-977	177.62	-976	177.62	-975	177.62	-974	177.62	-973	177.62	-972	177.62	-971	177.62	-970	177.62	-969	177.62	-968	177.62
-967	177.62	-966	177.62	-965	177.62	-964	180.55	-963	146.79	-962	183.49	-961	183.49	-960	183.49	-959	183.49	-958	183.49
-957	183.49	-956	183.49	-955	183.49	-954	183.49	-953	183.49	-952	183.49	-951	183.49	-950	183.49	-949	183.49	-948	183.49
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-907	146.79	-906	183.49	-905	183.49	-904	183.49	-903	183.49	-902	183.49	-901	183.49	-900	183.49	-899	183.49	-898	183.49
-897	183.49	-896	183.49	-895	183.49	-894	183.49	-893	183.49	-892	183.49	-891	183.49	-890	183.49	-889	183.49	-888	183.49
-887	183.49	-886	183.49	-885	183.49	-884	183.49	-883	183.49	-882	183.49	-881	183.49	-880	183.49	-879	183.49	-878	183.49
-877	183.49	-876	183.49	-875	183.49	-874	183.49	-873	183.49	-872	183.49	-871	183.49	-870	183.49	-869	183.49	-868	183.49
-867	183.49	-866	183.49	-865	180.55	-864	177.62	-863	177.62	-862	177.62	-861	177.62	-860	177.62	-859	177.62	-858	177.62
-857	177.62	-856	177.62	-855	177.62	-854	177.62	-853	177.62	-852	177.62	-851	177.62	-850	177.62	-849	177.62	-848	177.62
-847	177.62	-846	177.62	-845	177.62	-844	177.62	-843	177.62	-842	177.62	-841	177.62	-840	180.55	-839	119.27	-838	149.08
-837	149.08	-836	149.08	-835	149.08	-834	149.08	-833	149.08	-832	149.08	-831	149.08	-830	149.08	-829	149.08	-828	149.08
-827	149.08	-826	149.08	-825	149.08	-824	149.08	-823	149.08	-822	149.08	-821	149.08	-820	149.08	-819	149.08	-818	149.08
-817	149.08	-816	149.08	-815	149.08	-814	149.08	-813	149.08	-812	146.70	-811	144.31	-810	144.31	-809	144.31	-808	144.31
-807	144.31	-806	144.31	-805	144.31	-804	144.31	-803	144.31	-802	144.31	-801	144.31	-800	144.31	-799	144.31	-798	144.31
-797	144.31	-796	144.31	-795	144.31	-794	144.31	-793	144.31	-792	144.31	-791	144.31	-790	144.31	-789	144.31	-788	144.31
-787	116.88	-786	89.45	-785	89.45	-784	119.27	-783	119.27	-782	149.08	-781	149.08	-780	149.08	-779	149.08	-778	149.08
-777	149.08	-776	149.08	-775	149.08	-774	149.08	-773	149.08	-772	149.08	-771	149.08	-770	149.08	-769	149.08	-768	149.08
-767	149.08	-766	149.08	-765	149.08	-764	149.08	-763	149.08	-762	149.08	-761	149.08	-760	149.08	-759	149.08	-758	149.08
-757	149.08	-756	149.08	-755	149.08	-754	149.08	-753	149.08	-752	149.08	-751	149.08	-750	149.08	-749	149.08	-748	149.08
-747	149.08	-746	149.08	-745	149.08	-744	149.08	-743	149.08	-742	149.08	-741	146.70	-740	144.31	-739	144.31	-738	144.31
-737	144.31	-736	144.31	-735	144.31	-734	144.31	-733	144.31	-732	144.31	-731	144.31	-730	144.31	-729	144.31	-728	144.31
-727	144.31	-726	144.31	-725	144.31	-724	144.31	-723	144.31	-722	144.31	-721	144.31	-720	144.31	-719	144.31	-718	144.31
-717	144.31	-716	146.70																

Totali masse nodi

Mo <kg>
514431.00

Elenco forze sismiche nodali allo SLD

Simbologia
Fx = Forza in dir. X
Fy = Forza in dir. Y
Nodo = Numero del nodo
cx = Coeff. c in dir. X
cy = Coeff. c in dir. Y

Nodo	cx	cy	Fx <daN>	Fy <daN>	Nodo	cx	cy	Fx <daN>	Fy <daN>	Nodo	cx	cy	Fx <daN>	Fy <daN>	Nodo	cx	cy	Fx <daN>	Fy <daN>	Nodo	cx	cy	Fx <daN>	Fy <daN>
-1917	0.00	0.00	330.94	330.94	-1916	0.00	0.00	422.09	422.09	-1915	0.00	0.00	422.09	422.09	-1914	0.00	0.00	422.09	422.09	-1913	0.00	0.00	422.09	422.09
-1912	0.00	0.00	422.09	422.09	-1911	0.00	0.00	422.09	422.09	-1910	0.00	0.00	422.09	422.09	-1909	0.00	0.00	422.09	422.09	-1908	0.00	0.00	422.09	422.09
-1907	0.00	0.00	422.09	422.09	-1906	0.00	0.00	422.09	422.09	-1905	0.00	0.00	422.09	422.09	-1904	0.00	0.00	422.09	422.09	-1903	0.00	0.00	422.09	422.09
-1902	0.00	0.00	422.09	422.09	-1901	0.00	0.00	422.09	422.09	-1900	0.00	0.00	422.09	422.09	-1899	0.00	0.00	422.09	422.09	-1898	0.00	0.00	422.09	422.09
-1897	0.00	0.00	535.21	535.21	-1896	0.00	0.00	422.09	422.09	-1895	0.00	0.00	422.09	422.09	-1894	0.00	0.00	422.09	422.09	-1893	0.00	0.00	422.09	422.09
-1892	0.00	0.00	535.21	535.21	-1891	0.00	0.00	422.09	422.09	-1890	0.00	0.00	415.34	415.34	-1889	0.00	0.00	408.59	408.59	-1888	0.00	0.00	408.59	408.59
-1887	0.00	0.00	408.59	408.59	-1886	0.00	0.00	408.59	408.59	-1885	0.00	0.00	408.59	408.59	-1884	0.00	0.00	408.59	408.59	-1883	0.00	0.00	521.70	521.70
-1882	0.00	0.00	408.59	408.59	-1881	0.00	0.00	408.59	408.59	-1880	0.00	0.00	408.59	408.59	-1879	0.00	0.00	408.59	408.59	-1878	0.00	0.00	408.59	408.59
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-1872	0.00	0.00	408.59	408.59	-1871	0.00	0.00	521.70	521.70	-1870	0.00	0.00	408.59	408.59	-1869	0.00	0.00	408.59	408.59	-1868	0.00	0.00	408.59	408.59
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-1862	0.00	0.00	44.87	44.87	-1861	0.00	0.00	44.87	44.87	-1860	0.00	0.00	44.87	44.87	-1859	0.00	0.00	44.87	44.87	-1858	0.00	0.00	44.87	44.87
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-1822	0.00	0.00	43.43	43.43
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-1692	0.00	0.00	74.78	74.78
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-1821	0.00	0.00	43.43	43.43
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-1550	0.00	0.00	72.39	72.39
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-1530	0.00	0.00	74.78	74.78
-1525	0.00	0.00	74.78	74.78
-1520	0.00	0.00	73.58	73.58
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-1709	0.00	0.00	72.39	72.39
-1704	0.00	0.00	74.78	74.78
-1699	0.00	0.00	74.78	74.78
-1694	0.00	0.00	74.78	74.78
-1689	0.00	0.00	74.78	74.78
-1684	0.00	0.00	74.78	74.78
-1679	0.00	0.00	74.78	74.78
-1674	0.00	0.00	72.39	72.39
-1669	0.00	0.00	72.39	72.39
-1664	0.00	0.00	72.39	72.39
-1659	0.00	0.00	449.42	449.42
-1654	0.00	0.00	72.39	72.39
-1649	0.00	0.00	74.78	74.78
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-1634	0.00	0.00	74.78	74.78
-1629	0.00	0.00	74.78	74.78
-1624	0.00	0.00	72.39	72.39
-1619	0.00	0.00	72.39	72.39
-1614	0.00	0.00	72.39	72.39
-1609	0.00	0.00	72.39	72.39
-1604	0.00	0.00	72.39	72.39
-1599	0.00	0.00	437.05	437.05
-1594	0.00	0.00	74.78	74.78
-1589	0.00	0.00	37.39	37.39
-1584	0.00	0.00	74.78	74.78
-1579	0.00	0.00	451.82	451.82
-1574	0.00	0.00	451.82	451.82
-1569	0.00	0.00	72.39	72.39
-1564	0.00	0.00	72.39	72.39
-1559	0.00	0.00	449.42	449.42
-1554	0.00	0.00	72.39	72.39
-1549	0.00	0.00	72.39	72.39
-1544	0.00	0.00	74.78	74.78
-1539	0.00	0.00	74.78	74.78
-1534	0.00	0.00	74.78	74.78
-1529	0.00	0.00	74.78	74.78
-1524	0.00	0.00	74.78	74.78
-1519	0.00	0.00	72.39	72.39
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-1504	0.00	0.00	72.39	72.39
-1499	0.00	0.00	72.39	72.39
-1494	0.00	0.00	437.05	437.05
-1489	0.00	0.00	74.78	74.78
-1484	0.00	0.00	37.39	37.39
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-1469	0.00	0.00	451.82	451.82
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-1369	0.00	0.00	437.05	437.05
-1364	0.00	0.00	437.05	437.05
-1359	0.00	0.00	423.06	423.06
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-1344	0.00	0.00	423.06	423.06
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-1334	0.00	0.00	37.20	37.20
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-1319	0.00	0.00	37.20	37.20

-1818	0.00	0.00	269.65	269.65
-1813	0.00	0.00	43.43	43.43
-1808	0.00	0.00	59.82	59.82
-1803	0.00	0.00	59.82	59.82
-1798	0.00	0.00	59.82	59.82
-1793	0.00	0.00	59.82	59.82
-1788	0.00	0.00	59.82	59.82
-1783	0.00	0.00	57.91	57.91
-1778	0.00	0.00	57.91	57.91
-1773	0.00	0.00	57.91	57.91
-1768	0.00	0.00	57.91	57.91
-1763	0.00	0.00	57.91	57.91
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-1753	0.00	0.00	74.78	74.78
-1748	0.00	0.00	74.78	74.78
-1743	0.00	0.00	74.78	74.78
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-1733	0.00	0.00	451.82	451.82
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-1708	0.00	0.00	72.39	72.39
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-1698	0.00	0.00	74.78	74.78
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-1688	0.00	0.00	74.78	74.78
-1683	0.00	0.00	74.78	74.78
-1678	0.00	0.00	73.58	73.58
-1673	0.00	0.00	72.39	72.39
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-1633	0.00	0.00	74.78	74.78
-1628	0.00	0.00	74.78	74.78
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-1388	0.00	0.00	418.36	418.36
-1383	0.00	0.00	437.05	437.05
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-1312	0.00	0.00	37.20	37.20
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-1102	0.00	0.00	28.22	28.22
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-1082	0.00	0.00	21.11	21.11
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-1012	0.00	0.00	21.11	21.11
-1007	0.00	0.00	21.11	21.11
-1002	0.00	0.00	21.11	21.11
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-992	0.00	0.00	21.11	21.11
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-912	0.00	0.00	12.65	12.65
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-852	0.00	0.00	12.65	12.65
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-1056	0.00	0.00	20.44	20.44
-1051	0.00	0.00	20.44	20.44
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-1041	0.00	0.00	20.44	20.44
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-1016	0.00	0.00	21.11	21.11
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-1006	0.00	0.00	21.11	21.11
-1001	0.00	0.00	21.11	21.11
-996	0.00	0.00	21.11	21.11
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-946	0.00	0.00	13.07	13.07
-941	0.00	0.00	13.07	13.07
-936	0.00	0.00	12.86	12.86
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-921	0.00	0.00	12.65	12.65
-916	0.00	0.00	12.65	12.65
-911	0.00	0.00	10.25	10.25
-906	0.00	0.00	13.07	13.07
-901	0.00	0.00	13.07	13.07
-896	0.00	0.00	13.07	13.07
-891	0.00	0.00	13.07	13.07
-886	0.00	0.00	13.07	13.07
-881	0.00	0.00	13.07	13.07
-876	0.00	0.00	13.07	13.07
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-1285	0.00	0.00	36.01	36.01
-1280	0.00	0.00	29.76	29.76
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Totali forze sismiche

Fx <daN>	Fy <daN>
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Elenco forze sismiche nodali allo SND

Nodo	cx	cy	Fx <daN>	Fy <daN>
-1917	0.00	0.00	656.00	656.00
-1913	0.00	0.00	836.68	836.68
-1909	0.00	0.00	836.68	836.68
-1905	0.00	0.00	836.68	836.68
-1901	0.00	0.00	836.68	836.68
-1897	0.00	0.00	1060.89	1060.89
-1893	0.00	0.00	836.68	836.68
-1889	0.00	0.00	809.90	809.90
-1885	0.00	0.00	809.90	809.90
-1881	0.00	0.00	809.90	809.90
-1877	0.00	0.00	1034.11	1034.11
-1873	0.00	0.00	809.90	809.90
-1869	0.00	0.00	809.90	809.90
-1865	0.00	0.00	642.62	642.62
-1861	0.00	0.00	88.94	88.94
-1857	0.00	0.00	88.94	88.94
-1853	0.00	0.00	88.94	88.94
-1849	0.00	0.00	88.94	88.94
-1845	0.00	0.00	88.94	88.94
-1841	0.00	0.00	88.94	88.94
-1837	0.00	0.00	87.51	87.51
-1833	0.00	0.00	86.09	86.09
-1829	0.00	0.00	86.09	86.09
-1825	0.00	0.00	86.09	86.09
-1821	0.00	0.00	86.09	86.09
-1817	0.00	0.00	86.09	86.09
-1813	0.00	0.00	86.09	86.09
-1809	0.00	0.00	118.58	118.58
-1805	0.00	0.00	118.58	118.58
-1801	0.00	0.00	118.58	118.58
-1797	0.00	0.00	118.58	118.58
-1793	0.00	0.00	118.58	118.58
-1789	0.00	0.00	118.58	118.58
-1785	0.00	0.00	118.58	118.58
-1781	0.00	0.00	114.79	114.79
-1777	0.00	0.00	712.68	712.68
-1773	0.00	0.00	114.79	114.79
-1769	0.00	0.00	114.79	114.79
-1765	0.00	0.00	712.68	712.68
-1761	0.00	0.00	114.79	114.79
-1757	0.00	0.00	148.23	148.23
-1753	0.00	0.00	148.23	148.23
-1749	0.00	0.00	148.23	148.23
-1745	0.00	0.00	148.23	148.23
-1741	0.00	0.00	148.23	148.23
-1737	0.00	0.00	148.23	148.23
-1733	0.00	0.00	895.60	895.60
-1729	0.00	0.00	143.49	143.49
-1725	0.00	0.00	143.49	143.49
-1721	0.00	0.00	143.49	143.49
-1717	0.00	0.00	143.49	143.49
-1713	0.00	0.00	143.49	143.49
-1709	0.00	0.00	143.49	143.49
-1705	0.00	0.00	866.32	866.32
-1701	0.00	0.00	148.23	148.23
-1697	0.00	0.00	148.23	148.23
-1693	0.00	0.00	148.23	148.23
-1689	0.00	0.00	148.23	148.23
-1685	0.00	0.00	895.60	895.60
-1681	0.00	0.00	148.23	148.23
-1677	0.00	0.00	143.49	143.49
-1673	0.00	0.00	143.49	143.49
-1669	0.00	0.00	143.49	143.49
-1665	0.00	0.00	890.85	890.85
-1661	0.00	0.00	143.49	143.49
-1657	0.00	0.00	143.49	143.49
-1653	0.00	0.00	863.95	863.95
-1649	0.00	0.00	148.23	148.23
-1645	0.00	0.00	148.23	148.23
-1641	0.00	0.00	148.23	148.23
-1637	0.00	0.00	148.23	148.23
-1633	0.00	0.00	148.23	148.23

Nodo	cx	cy	Fx <daN>	Fy <daN>
-1916	0.00	0.00	836.68	836.68
-1912	0.00	0.00	836.68	836.68
-1908	0.00	0.00	836.68	836.68
-1904	0.00	0.00	836.68	836.68
-1900	0.00	0.00	836.68	836.68
-1896	0.00	0.00	836.68	836.68
-1892	0.00	0.00	1060.89	1060.89
-1888	0.00	0.00	809.90	809.90
-1884	0.00	0.00	809.90	809.90
-1880	0.00	0.00	809.90	809.90
-1876	0.00	0.00	809.90	809.90
-1872	0.00	0.00	809.90	809.90
-1868	0.00	0.00	809.90	809.90
-1864	0.00	0.00	519.79	519.79
-1860	0.00	0.00	88.94	88.94
-1856	0.00	0.00	88.94	88.94
-1852	0.00	0.00	88.94	88.94
-1848	0.00	0.00	88.94	88.94
-1844	0.00	0.00	537.36	537.36
-1840	0.00	0.00	88.94	88.94
-1836	0.00	0.00	86.09	86.09
-1832	0.00	0.00	86.09	86.09
-1828	0.00	0.00	86.09	86.09
-1824	0.00	0.00	534.51	534.51
-1820	0.00	0.00	86.09	86.09
-1816	0.00	0.00	86.09	86.09
-1812	0.00	0.00	518.37	518.37
-1808	0.00	0.00	118.58	118.58
-1804	0.00	0.00	118.58	118.58
-1800	0.00	0.00	118.58	118.58
-1796	0.00	0.00	118.58	118.58
-1792	0.00	0.00	118.58	118.58
-1788	0.00	0.00	118.58	118.58
-1784	0.00	0.00	116.69	116.69
-1780	0.00	0.00	114.79	114.79
-1776	0.00	0.00	114.79	114.79
-1772	0.00	0.00	114.79	114.79
-1768	0.00	0.00	114.79	114.79
-1764	0.00	0.00	114.79	114.79
-1760	0.00	0.00	114.79	114.79
-1756	0.00	0.00	148.23	148.23
-1752	0.00	0.00	148.23	148.23
-1748	0.00	0.00	148.23	148.23
-1744	0.00	0.00	148.23	148.23
-1740	0.00	0.00	148.23	148.23
-1736	0.00	0.00	148.23	148.23
-1732	0.00	0.00	148.23	148.23
-1728	0.00	0.00	143.49	143.49
-1724	0.00	0.00	890.85	890.85
-1720	0.00	0.00	143.49	143.49
-1716	0.00	0.00	143.49	143.49
-1712	0.00	0.00	890.85	890.85
-1708	0.00	0.00	143.49	143.49
-1704	0.00	0.00	148.23	148.23
-1700	0.00	0.00	148.23	148.23
-1696	0.00	0.00	148.23	148.23
-1692	0.00	0.00	148.23	148.23
-1688	0.00	0.00	148.23	148.23
-1684	0.00	0.00	148.23	148.23
-1680	0.00	0.00	895.60	895.60
-1676	0.00	0.00	143.49	143.49
-1672	0.00	0.00	143.49	143.49
-1668	0.00	0.00	143.49	143.49
-1664	0.00	0.00	143.49	143.49
-1660	0.00	0.00	143.49	143.49
-1656	0.00	0.00	143.49	143.49
-1652	0.00	0.00	866.32	866.32
-1648	0.00	0.00	148.23	148.23
-1644	0.00	0.00	148.23	148.23
-1640	0.00	0.00	148.23	148.23
-1636	0.00	0.00	148.23	148.23
-1632	0.00	0.00	895.60	895.60

Nodo	cx	cy	Fx <daN>	Fy <daN>
-1915	0.00	0.00	836.68	836.68
-1911	0.00	0.00	836.68	836.68
-1907	0.00	0.00	836.68	836.68
-1903	0.00	0.00	836.68	836.68
-1899	0.00	0.00	836.68	836.68
-1895	0.00	0.00	836.68	836.68
-1891	0.00	0.00	836.68	836.68
-1887	0.00	0.00	809.90	809.90
-1883	0.00	0.00	1034.11	1034.11
-1879	0.00	0.00	809.90	809.90
-1875	0.00	0.00	809.90	809.90
-1871	0.00	0.00	1034.11	1034.11
-1867	0.00	0.00	809.90	809.90
-1863	0.00	0.00	88.94	88.94
-1859	0.00	0.00	88.94	88.94
-1855	0.00	0.00	88.94	88.94
-1851	0.00	0.00	88.94	88.94
-1847	0.00	0.00	88.94	88.94
-1843	0.00	0.00	88.94	88.94
-1839	0.00	0.00	537.36	537.36
-1835	0.00	0.00	86.09	86.09
-1831	0.00	0.00	86.09	86.09
-1827	0.00	0.00	86.09	86.09
-1823	0.00	0.00	86.09	86.09
-1819	0.00	0.00	86.09	86.09
-1815	0.00	0.00	86.09	86.09
-1811	0.00	0.00	693.06	693.06
-1807	0.00	0.00	118.58	118.58
-1803	0.00	0.00	118.58	118.58
-1799	0.00	0.00	118.58	118.58
-1795	0.00	0.00	118.58	118.58
-1791	0.00	0.00	716.48	716.48
-1787	0.00	0.00	118.58	118.58
-1783	0.00	0.00	114.79	114.79
-1779	0.00	0.00	114.79	114.79
-1775	0.00	0.00	114.79	114.79
-1771	0.00	0.00	712.68	712.68
-1767	0.00	0.00	114.79	114.79
-1763	0.00	0.00	114.79	114.79
-1759	0.00	0.00	691.16	691.16
-1755	0.00	0.00	148.23	148.23
-1751	0.00	0.00	148.23	148.23
-1747	0.00	0.00	148.23	148.23
-1743	0.00	0.00	148.23	148.23
-1739	0.00	0.00	148.23	148.23
-1735	0.00	0.00	148.23	148.23
-1731	0.00	0.00	145.86	145.86
-1727	0.00	0.00	143.49	143.49
-1723	0.00	0.00	143.49	143.49
-1719	0.00	0.00	143.49	143.49
-1715	0.00	0.00	143.49	143.49
-1711	0.00	0.00	143.49	143.49
-1707	0.00	0.00	143.49	143.49
-1703	0.00	0.00	148.23	148.23
-1699	0.00	0.00	148.23	148.23
-1695	0.00	0.00	148.23	148.23
-1691	0.00	0.00	148.23	148.23
-1687	0.00	0.00	148.23	148.23
-1683	0.00	0.00	148.23	148.23
-1679	0.00	0.00	148.23	148.23
-1675	0.00	0.00	143.49	143.49
-1671	0.00	0.00	890.85	890.85
-1667	0.00	0.00	143.49	143.49
-1663	0.00	0.00	143.49	143.49
-1659	0.00	0.00	890.85	890.85
-1655	0.00	0.00	143.49	143.49
-1651	0.00	0.00	148.23	148.23
-1647	0.00	0.00	148.23	148.23
-1643	0.00	0.00	148.23	148.23
-1639	0.00	0.00	148.23	148.23
-1635	0.00	0.00	148.23	148.23
-1631	0.00	0.00	148.23	148.23

Nodo	cx	cy	Fx <daN>	Fy <daN>
-1914	0.00	0.00	836.68	836.68
-1910	0.00	0.00	836.68	836.68
-1906	0.00	0.00	836.68	836.68
-1902	0.00	0.00	836.68	836.68
-1898	0.00	0.00	836.68	836.68
-1894	0.00	0.00	836.68	836.68
-1890	0.00	0.00	823.29	823.29
-1886	0.00	0.00	809.90	809.90
-1882	0.00	0.00	809.90	809.90
-1878	0.00	0.00	809.90	809.90
-1874	0.00	0.00	809.90	809.90
-1870	0.00	0.00	809.90	809.90
-1866	0.00	0.00	809.90	809.90
-1862	0.00	0.00	88.94	88.94
-1858	0.00	0.00	88.94	88.94
-1854	0.00	0.00	88.94	88.94
-1850	0.00	0.00	88.94	88.94
-1846	0.00	0.00	88.94	88.94
-1842	0.00	0.00	88.94	88.94
-1838	0.00	0.00	88.94	88.94
-1834	0.00	0.00	86.09	86.09
-1830	0.00	0.00	534.51	534.51
-1826	0.00	0.00	86.09	86.09
-1822	0.00	0.00	86.09	86.09
-1818	0.00	0.00	534.51	534.51
-1814	0.00	0.00	86.09	86.09
-1810	0.00	0.00	118.58	118.58
-1806	0.00	0.00	118.58	118.58
-1802	0.00	0.00	118.58	118.58
-1798	0.00	0.00	118.58	118.58
-1794	0.00	0.00	118.58	118.58
-1790	0.00	0.00	118.58	118.58
-1786	0.00	0.00	716.48	716.48
-1782	0.00	0.00	114.79	114.79
-1778	0.00	0.00	114.79	114.79
-1774	0.00	0.00	114.79	114.79
-1770	0.00	0.00	114.79	114.79
-1766	0.00	0.00	114.79	114.79
-1762	0.00	0.00	114.79	114.79
-1758	0.00	0.00	866.32	866.32
-1754	0.00	0.00	148.23	148.23
-1750	0.00	0.00	148.23	148.23
-1746	0.00	0.00	148.23	148.23
-1742	0.00	0.00	148.23	148.23
-1738	0.00	0.00	895.60	895.60
-1734	0.00	0.00	148.23	148.23
-1730	0.00	0.00	143.49	143.49
-1726	0.00	0.00	143.49	143.49
-1722	0.00	0.00	143.49	143.49
-1718	0.00	0.00	890.85	890.85
-1714	0.00	0.00	143.49	143.49
-1710	0.00	0.00	143.49	143.49
-1706	0.00	0.00	863.95	863.95
-1702	0.00	0.00	148.23	148.23
-1698	0.00	0.00	148.23	148.23
-1694	0.00	0.00	148.23	148.23
-1690	0.00	0.00	148.23	148.23
-1686	0.00	0.00	148.23	148.23
-1682	0.00	0.00	148.23	148.23
-1678	0.00	0.00	145.86	145.86
-1674	0.00	0.00	143.49	143.49
-1670	0.00	0.00	143.49	143.49
-1666	0.00	0.00	143.49	143.49
-1662	0.00	0.00	143.49	143.49
-1658	0.00	0.00	143.49	143.49
-1654	0.00	0.00	143.49	143.49
-1650	0.00	0.00	148.23	148.23
-1646	0.00	0.00	148.23	148.23
-1642	0.00	0.00	148.23	148.23
-1638	0.00	0.00	148.23	148.23
-1634	0.00	0.00	148.23	148.23
-1630	0.00	0.00	148.23	148.23

-1629	0.00	0.00	148.23	148.23
-1625	0.00	0.00	145.86	145.86
-1621	0.00	0.00	143.49	143.49
-1617	0.00	0.00	143.49	143.49
-1613	0.00	0.00	143.49	143.49
-1609	0.00	0.00	143.49	143.49
-1605	0.00	0.00	143.49	143.49
-1601	0.00	0.00	143.49	143.49
-1597	0.00	0.00	148.23	148.23
-1593	0.00	0.00	148.23	148.23
-1589	0.00	0.00	74.11	74.11
-1585	0.00	0.00	148.23	148.23
-1581	0.00	0.00	148.23	148.23
-1577	0.00	0.00	148.23	148.23
-1573	0.00	0.00	148.23	148.23
-1569	0.00	0.00	143.49	143.49
-1565	0.00	0.00	890.85	890.85
-1561	0.00	0.00	143.49	143.49
-1557	0.00	0.00	143.49	143.49
-1553	0.00	0.00	890.85	890.85
-1549	0.00	0.00	143.49	143.49
-1545	0.00	0.00	148.23	148.23
-1541	0.00	0.00	148.23	148.23
-1537	0.00	0.00	74.11	74.11
-1533	0.00	0.00	148.23	148.23
-1529	0.00	0.00	148.23	148.23
-1525	0.00	0.00	148.23	148.23
-1521	0.00	0.00	148.23	148.23
-1517	0.00	0.00	143.49	143.49
-1513	0.00	0.00	890.85	890.85
-1509	0.00	0.00	143.49	143.49
-1505	0.00	0.00	143.49	143.49
-1501	0.00	0.00	890.85	890.85
-1497	0.00	0.00	143.49	143.49
-1493	0.00	0.00	148.23	148.23
-1489	0.00	0.00	148.23	148.23
-1485	0.00	0.00	111.17	111.17
-1481	0.00	0.00	148.23	148.23
-1477	0.00	0.00	148.23	148.23
-1473	0.00	0.00	148.23	148.23
-1469	0.00	0.00	895.60	895.60
-1465	0.00	0.00	143.49	143.49
-1461	0.00	0.00	143.49	143.49
-1457	0.00	0.00	143.49	143.49
-1453	0.00	0.00	143.49	143.49
-1449	0.00	0.00	143.49	143.49
-1445	0.00	0.00	143.49	143.49
-1441	0.00	0.00	866.32	866.32
-1437	0.00	0.00	148.23	148.23
-1433	0.00	0.00	148.23	148.23
-1429	0.00	0.00	148.23	148.23
-1425	0.00	0.00	148.23	148.23
-1421	0.00	0.00	895.60	895.60
-1417	0.00	0.00	148.23	148.23
-1413	0.00	0.00	143.49	143.49
-1409	0.00	0.00	143.49	143.49
-1405	0.00	0.00	143.49	143.49
-1401	0.00	0.00	890.85	890.85
-1397	0.00	0.00	143.49	143.49
-1393	0.00	0.00	143.49	143.49
-1389	0.00	0.00	863.95	863.95
-1385	0.00	0.00	866.32	866.32
-1381	0.00	0.00	866.32	866.32
-1377	0.00	0.00	866.32	866.32
-1373	0.00	0.00	866.32	866.32
-1369	0.00	0.00	866.32	866.32
-1365	0.00	0.00	866.32	866.32
-1361	0.00	0.00	852.46	852.46
-1357	0.00	0.00	838.60	838.60
-1353	0.00	0.00	838.60	838.60
-1349	0.00	0.00	838.60	838.60
-1345	0.00	0.00	838.60	838.60
-1341	0.00	0.00	838.60	838.60
-1337	0.00	0.00	838.60	838.60
-1333	0.00	0.00	73.74	73.74
-1329	0.00	0.00	73.74	73.74
-1325	0.00	0.00	73.74	73.74
-1321	0.00	0.00	73.74	73.74
-1317	0.00	0.00	73.74	73.74
-1313	0.00	0.00	73.74	73.74
-1309	0.00	0.00	73.74	73.74
-1305	0.00	0.00	71.38	71.38
-1301	0.00	0.00	71.38	71.38
-1297	0.00	0.00	71.38	71.38
-1293	0.00	0.00	71.38	71.38
-1289	0.00	0.00	71.38	71.38
-1285	0.00	0.00	71.38	71.38
-1281	0.00	0.00	44.24	44.24
-1277	0.00	0.00	73.74	73.74
-1273	0.00	0.00	73.74	73.74
-1269	0.00	0.00	73.74	73.74
-1265	0.00	0.00	73.74	73.74
-1261	0.00	0.00	73.74	73.74
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-1253	0.00	0.00	73.74	73.74
-1249	0.00	0.00	73.74	73.74
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-1241	0.00	0.00	73.74	73.74
-1237	0.00	0.00	72.56	72.56
-1233	0.00	0.00	71.38	71.38
-1229	0.00	0.00	71.38	71.38

-1628	0.00	0.00	148.23	148.23
-1624	0.00	0.00	143.49	143.49
-1620	0.00	0.00	143.49	143.49
-1616	0.00	0.00	143.49	143.49
-1612	0.00	0.00	890.85	890.85
-1608	0.00	0.00	143.49	143.49
-1604	0.00	0.00	143.49	143.49
-1600	0.00	0.00	863.95	863.95
-1596	0.00	0.00	148.23	148.23
-1592	0.00	0.00	148.23	148.23
-1588	0.00	0.00	111.17	111.17
-1584	0.00	0.00	148.23	148.23
-1580	0.00	0.00	148.23	148.23
-1576	0.00	0.00	148.23	148.23
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-1564	0.00	0.00	143.49	143.49
-1560	0.00	0.00	143.49	143.49
-1556	0.00	0.00	143.49	143.49
-1552	0.00	0.00	143.49	143.49
-1548	0.00	0.00	143.49	143.49
-1544	0.00	0.00	148.23	148.23
-1540	0.00	0.00	148.23	148.23
-1536	0.00	0.00	74.11	74.11
-1532	0.00	0.00	148.23	148.23
-1528	0.00	0.00	148.23	148.23
-1524	0.00	0.00	148.23	148.23
-1520	0.00	0.00	145.86	145.86
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-1508	0.00	0.00	143.49	143.49
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-1500	0.00	0.00	143.49	143.49
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-1484	0.00	0.00	74.11	74.11
-1480	0.00	0.00	148.23	148.23
-1476	0.00	0.00	148.23	148.23
-1472	0.00	0.00	148.23	148.23
-1468	0.00	0.00	148.23	148.23
-1464	0.00	0.00	143.49	143.49
-1460	0.00	0.00	890.85	890.85
-1456	0.00	0.00	143.49	143.49
-1452	0.00	0.00	143.49	143.49
-1448	0.00	0.00	890.85	890.85
-1444	0.00	0.00	143.49	143.49
-1440	0.00	0.00	148.23	148.23
-1436	0.00	0.00	148.23	148.23
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-1404	0.00	0.00	143.49	143.49
-1400	0.00	0.00	143.49	143.49
-1396	0.00	0.00	143.49	143.49
-1392	0.00	0.00	143.49	143.49
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-1380	0.00	0.00	866.32	866.32
-1376	0.00	0.00	866.32	866.32
-1372	0.00	0.00	866.32	866.32
-1368	0.01	0.01	1240.01	1240.01
-1364	0.00	0.00	866.32	866.32
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-1344	0.00	0.00	838.60	838.60
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-1332	0.00	0.00	73.74	73.74
-1328	0.00	0.00	73.74	73.74
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-1288	0.00	0.00	71.38	71.38
-1284	0.00	0.00	71.38	71.38
-1280	0.00	0.00	58.99	58.99
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-1272	0.00	0.00	73.74	73.74
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-1623	0.00	0.00	143.49	143.49
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-1591	0.00	0.00	148.23	148.23
-1587	0.00	0.00	148.23	148.23
-1583	0.00	0.00	148.23	148.23
-1579	0.00	0.00	895.60	895.60
-1575	0.00	0.00	148.23	148.23
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-1567	0.00	0.00	143.49	143.49
-1563	0.00	0.00	143.49	143.49
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-1555	0.00	0.00	143.49	143.49
-1551	0.00	0.00	143.49	143.49
-1547	0.00	0.00	863.95	863.95
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-1539	0.00	0.00	148.23	148.23
-1535	0.00	0.00	148.23	148.23
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-1527	0.00	0.00	895.60	895.60
-1523	0.00	0.00	148.23	148.23
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-1515	0.00	0.00	143.49	143.49
-1511	0.00	0.00	143.49	143.49
-1507	0.00	0.00	890.85	890.85
-1503	0.00	0.00	143.49	143.49
-1499	0.00	0.00	143.49	143.49
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-1491	0.00	0.00	148.23	148.23
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-1447	0.00	0.00	143.49	143.49
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-1415	0.00	0.00	148.23	148.23
-1411	0.00	0.00	143.49	143.49
-1407	0.00	0.00	890.85	890.85
-1403	0.00	0.00	143.49	143.49
-1399	0.00	0.00	143.49	143.49
-1395	0.00	0.00	890.85	890.85
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-1287	0.00	0.00	71.38	71.38
-1283	0.00	0.00	57.81	57.81
-1279	0.00	0.00	58.99	58.99
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-1267	0.00	0.00	73.74	73.74
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-1606	0.00	0.00	890.85	890.85
-1602	0.00	0.00	143.49	143.49
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-1586	0.00	0.00	148.23	148.23
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-1510	0.00	0.00	143.49	143.49
-1506	0.00	0.00	143.49	143.49
-1502	0.00	0.00	143.49	143.49
-1498	0.00	0.00	143.49	143.49
-1494	0.00	0.00	866.32	866.32
-1490	0.00	0.00	148.23	148.23
-1486	0.00	0.00	148.23	148.23
-1482	0.00	0.00	148.23	148.23
-1478	0.00	0.00	148.23	148.23
-1474	0.00	0.00	895.60	895.60
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-1462	0.00	0.00	143.49	143.49
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-1105	0.00	0.00	55.95	55.95
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-1037	0.00	0.00	40.51	40.51
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-1025	0.00	0.00	41.85	41.85
-1021	0.00	0.00	41.85	41.85
-1017	0.00	0.00	41.85	41.85
-1013	0.00	0.00	41.85	41.85
-1009	0.00	0.00	41.85	41.85
-1005	0.00	0.00	41.85	41.85
-1001	0.00	0.00	41.85	41.85
-997	0.00	0.00	41.85	41.85
-993	0.00	0.00	41.85	41.85
-989	0.00	0.00	41.18	41.18
-985	0.00	0.00	40.51	40.51
-981	0.00	0.00	40.51	40.51
-977	0.00	0.00	40.51	40.51
-973	0.00	0.00	40.51	40.51
-969	0.00	0.00	40.51	40.51
-965	0.00	0.00	40.51	40.51
-961	0.00	0.00	25.91	25.91
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-933	0.00	0.00	25.08	25.08
-929	0.00	0.00	25.08	25.08
-925	0.00	0.00	25.08	25.08
-921	0.00	0.00	25.08	25.08
-917	0.00	0.00	25.08	25.08
-913	0.00	0.00	25.08	25.08
-909	0.00	0.00	15.55	15.55
-905	0.00	0.00	25.91	25.91
-901	0.00	0.00	25.91	25.91
-897	0.00	0.00	25.91	25.91
-893	0.00	0.00	25.91	25.91
-889	0.00	0.00	25.91	25.91
-885	0.00	0.00	25.91	25.91
-881	0.00	0.00	25.91	25.91
-877	0.00	0.00	25.91	25.91
-873	0.00	0.00	25.91	25.91
-869	0.00	0.00	25.91	25.91
-865	0.00	0.00	25.49	25.49
-861	0.00	0.00	25.08	25.08
-857	0.00	0.00	25.08	25.08
-853	0.00	0.00	25.08	25.08
-849	0.00	0.00	25.08	25.08
-845	0.00	0.00	25.08	25.08
-841	0.00	0.00	25.08	25.08
-837	0.00	0.00	8.10	8.10
-833	0.00	0.00	8.10	8.10
-829	0.00	0.00	8.10	8.10
-825	0.00	0.00	8.10	8.10

-1224	0.00	0.00	71.38	71.38
-1220	0.00	0.00	71.38	71.38
-1216	0.00	0.00	71.38	71.38
-1212	0.00	0.00	72.56	72.56
-1208	0.00	0.00	57.80	57.80
-1204	0.00	0.00	57.80	57.80
-1200	0.00	0.00	57.80	57.80
-1196	0.00	0.00	57.80	57.80
-1192	0.00	0.00	57.80	57.80
-1188	0.00	0.00	57.80	57.80
-1184	0.00	0.00	56.87	56.87
-1180	0.00	0.00	55.95	55.95
-1176	0.00	0.00	55.95	55.95
-1172	0.00	0.00	55.95	55.95
-1168	0.00	0.00	55.95	55.95
-1164	0.00	0.00	55.95	55.95
-1160	0.00	0.00	55.95	55.95
-1156	0.00	0.00	46.24	46.24
-1152	0.00	0.00	57.80	57.80
-1148	0.00	0.00	57.80	57.80
-1144	0.00	0.00	57.80	57.80
-1140	0.00	0.00	57.80	57.80
-1136	0.00	0.00	57.80	57.80
-1132	0.00	0.00	57.80	57.80
-1128	0.00	0.00	57.80	57.80
-1124	0.00	0.00	57.80	57.80
-1120	0.00	0.00	57.80	57.80
-1116	0.00	0.00	57.80	57.80
-1112	0.00	0.00	55.95	55.95
-1108	0.00	0.00	55.95	55.95
-1104	0.00	0.00	55.95	55.95
-1100	0.00	0.00	55.95	55.95
-1096	0.00	0.00	55.95	55.95
-1092	0.00	0.00	55.95	55.95
-1088	0.00	0.00	56.87	56.87
-1084	0.00	0.00	41.85	41.85
-1080	0.00	0.00	41.85	41.85
-1076	0.00	0.00	41.85	41.85
-1072	0.00	0.00	41.85	41.85
-1068	0.00	0.00	41.85	41.85
-1064	0.00	0.00	41.85	41.85
-1060	0.00	0.00	41.18	41.18
-1056	0.00	0.00	40.51	40.51
-1052	0.00	0.00	40.51	40.51
-1048	0.00	0.00	40.51	40.51
-1044	0.00	0.00	40.51	40.51
-1040	0.00	0.00	40.51	40.51
-1036	0.00	0.00	40.51	40.51
-1032	0.00	0.00	33.48	33.48
-1028	0.00	0.00	41.85	41.85
-1024	0.00	0.00	41.85	41.85
-1020	0.00	0.00	41.85	41.85
-1016	0.00	0.00	41.85	41.85
-1012	0.00	0.00	41.85	41.85
-1008	0.00	0.00	41.85	41.85
-1004	0.00	0.00	41.85	41.85
-1000	0.00	0.00	41.85	41.85
-996	0.00	0.00	41.85	41.85
-992	0.00	0.00	41.85	41.85
-988	0.00	0.00	40.51	40.51
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-980	0.00	0.00	40.51	40.51
-976	0.00	0.00	40.51	40.51
-972	0.00	0.00	40.51	40.51
-968	0.00	0.00	40.51	40.51
-964	0.00	0.00	41.18	41.18
-960	0.00	0.00	25.91	25.91
-956	0.00	0.00	25.91	25.91
-952	0.00	0.00	25.91	25.91
-948	0.00	0.00	25.91	25.91
-944	0.00	0.00	25.91	25.91
-940	0.00	0.00	25.91	25.91
-936	0.00	0.00	25.49	25.49
-932	0.00	0.00	25.08	25.08
-928	0.00	0.00	25.08	25.08
-924	0.00	0.00	25.08	25.08
-920	0.00	0.00	25.08	25.08
-916	0.00	0.00	25.08	25.08
-912	0.00	0.00	25.08	25.08
-908	0.00	0.00	20.73	20.73
-904	0.00	0.00	25.91	25.91
-900	0.00	0.00	25.91	25.91
-896	0.00	0.00	25.91	25.91
-892	0.00	0.00	25.91	25.91
-888	0.00	0.00	25.91	25.91
-884	0.00	0.00	25.91	25.91
-880	0.00	0.00	25.91	25.91
-876	0.00	0.00	25.91	25.91
-872	0.00	0.00	25.91	25.91
-868	0.00	0.00	25.91	25.91
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-856	0.00	0.00	25.08	25.08
-852	0.00	0.00	25.08	25.08
-848	0.00	0.00	25.08	25.08
-844	0.00	0.00	25.08	25.08
-840	0.00	0.00	25.49	25.49
-836	0.00	0.00	8.10	8.10
-832	0.00	0.00	8.10	8.10
-828	0.00	0.00	8.10	8.10
-824	0.00	0.00	8.10	8.10

-1223	0.00	0.00	71.38	71.38
-1219	0.00	0.00	71.38	71.38
-1215	0.00	0.00	71.38	71.38
-1211	0.00	0.00	46.24	46.24
-1207	0.00	0.00	57.80	57.80
-1203	0.00	0.00	57.80	57.80
-1199	0.00	0.00	57.80	57.80
-1195	0.00	0.00	57.80	57.80
-1191	0.00	0.00	57.80	57.80
-1187	0.00	0.00	57.80	57.80
-1183	0.00	0.00	55.95	55.95
-1179	0.00	0.00	55.95	55.95
-1175	0.00	0.00	55.95	55.95
-1171	0.00	0.00	55.95	55.95
-1167	0.00	0.00	55.95	55.95
-1163	0.00	0.00	55.95	55.95
-1159	0.00	0.00	45.31	45.31
-1155	0.00	0.00	46.24	46.24
-1151	0.00	0.00	57.80	57.80
-1147	0.00	0.00	57.80	57.80
-1143	0.00	0.00	57.80	57.80
-1139	0.00	0.00	57.80	57.80
-1135	0.00	0.00	57.80	57.80
-1131	0.00	0.00	57.80	57.80
-1127	0.00	0.00	57.80	57.80
-1123	0.00	0.00	57.80	57.80
-1119	0.00	0.00	57.80	57.80
-1115	0.00	0.00	57.80	57.80
-1111	0.00	0.00	55.95	55.95
-1107	0.00	0.00	55.95	55.95
-1103	0.00	0.00	55.95	55.95
-1099	0.00	0.00	55.95	55.95
-1095	0.00	0.00	55.95	55.95
-1091	0.00	0.00	55.95	55.95
-1087	0.00	0.00	33.48	33.48
-1083	0.00	0.00	41.85	41.85
-1079	0.00	0.00	41.85	41.85
-1075	0.00	0.00	41.85	41.85
-1071	0.00	0.00	41.85	41.85
-1067	0.00	0.00	41.85	41.85
-1063	0.00	0.00	41.85	41.85
-1059	0.00	0.00	40.51	40.51
-1055	0.00	0.00	40.51	40.51
-1051	0.00	0.00	40.51	40.51
-1047	0.00	0.00	40.51	40.51
-1043	0.00	0.00	40.51	40.51
-1039	0.00	0.00	40.51	40.51
-1035	0.00	0.00	32.81	32.81
-1031	0.00	0.00	33.48	33.48
-1027	0.00	0.00	41.85	41.85
-1023	0.00	0.00	41.85	41.85
-1019	0.00	0.00	41.85	41.85
-1015	0.00	0.00	41.85	41.85
-1011	0.00	0.00	41.85	41.85
-1007	0.00	0.00	41.85	41.85
-1003	0.00	0.00	41.85	41.85
-999	0.00	0.00	41.85	41.85
-995	0.00	0.00	41.85	41.85
-991	0.00	0.00	41.85	41.85
-987	0.00	0.00	40.51	40.51
-983	0.00	0.00	40.51	40.51
-979	0.00	0.00	40.51	40.51
-975	0.00	0.00	40.51	40.51
-971	0.00	0.00	40.51	40.51
-967	0.00	0.00	40.51	40.51
-963	0.00	0.00	20.73	20.73
-959	0.00	0.00	25.91	25.91
-955	0.00	0.00	25.91	25.91
-951	0.00	0.00	25.91	25.91
-947	0.00	0.00	25.91	25.91
-943	0.00	0.00	25.91	25.91
-939	0.00	0.00	25.91	25.91
-935	0.00	0.00	25.08	25.08
-931	0.00	0.00	25.08	25.08
-927	0.00	0.00	25.08	25.08
-923	0.00	0.00	25.08	25.08
-919	0.00	0.00	25.08	25.08
-915	0.00	0.00	25.08	25.08
-911	0.00	0.00	20.31	20.31
-907	0.00	0.00	20.73	20.73
-903	0.00	0.00	25.91	25.91
-899	0.00	0.00	25.91	25.91
-895	0.00	0.00	25.91	25.91
-891	0.00	0.00	25.91	25.91
-887	0.00	0.00	25.91	25.91
-883	0.00	0.00	25.91	25.91
-879	0.00	0.00	25.91	25.91
-875	0.00	0.00	25.91	25.91
-871	0.00	0.00	25.91	25.91
-867	0.00	0.00	25.91	25.91
-863	0.00	0.00	25.08	25.08
-859	0.00	0.00	25.08	25.08
-855	0.00	0.00	25.08	25.08
-851	0.00	0.00	25.08	25.08
-847	0.00	0.00	25.08	25.08
-843	0.00	0.00	25.08	25.08
-839	0.00	0.00	6.48	6.48
-835	0.00	0.00	8.10	8.10
-831	0.00	0.00	8.10	8.10
-827	0.00	0.00	8.10	8.10
-823	0.00	0.00	8.10	8.10

-1222	0.00	0.00	71.38	71.38
-1218	0.00	0.00	71.38	71.38
-1214	0.00	0.00	71.38	71.38
-1210	0.00	0.00	57.80	57.80
-1206	0.00	0.00	57.80	57.80
-1202	0.00	0.00	57.80	57.80
-1198	0.00	0.00	57.80	57.80
-1194	0.00	0.00	57.80	57.80
-1190	0.00	0.00	57.80	57.80
-1186	0.00	0.00	57.80	57.80
-1182	0.00	0.00	55.95	55.95
-1178	0.00	0.00	55.95	55.95
-1174	0.00	0.00	55.95	55.95
-1170	0.00	0.00	55.95	55.95
-1166	0.00	0.00	55.95	55.95
-1162	0.00	0.00	55.95	55.95
-1158	0.00	0.00	34.68	34.68
-1154	0.00	0.00	57.80	57.80
-1150	0.00	0.00	57.80	57.80
-1146	0.00	0.00	57.80	57.80
-1142	0.00	0.00	57.80	57.80
-1138	0.00	0.00	57.80	57.80
-1134	0.00	0.00	57.80	57.80
-1130	0.00	0.00	57.80	57.80
-1126	0.00	0.00	57.80	57.80
-1122	0.00	0.00	57.80	57.80
-1118	0.00	0.00	57.80	57.80
-1114	0.00	0.00	57.80	57.80
-1110	0.00	0.00	55.95	55.95
-1106	0.00	0.00	55.95	55.95
-1102	0.00	0.00	55.95	55.95
-1098	0.00	0.00	55.95	55.95
-1094	0.00	0.00	55.95	55.95
-1090	0.00	0.00	55.95	55.95
-1086	0.00	0.00	41.85	41.85
-1082	0.00	0.00	41.85	41.85
-1078	0.00	0.00	41.85	41.85
-1074	0.00	0.00	41.85	41.85
-1070	0.00	0.00	41.85	41.85
-1066	0.00	0.00	41.85	41.85
-1062	0.00	0.00	41.85	41.85
-1058	0.00	0.00	40.51	40.51
-1054	0.00	0.00	40.51	40.51
-1050	0.00	0.00	40.51	40.51
-1046	0.00	0.00	40.51	40.51
-1042	0.00	0.00	40.51	40.51
-1038	0.00	0.00	40.51	40.51
-1034	0.00	0.00	25.11	25.11
-1030	0.00	0.00	41.85	41.85
-1026	0.00	0.00	41.85	41.85
-1022	0.00	0.00	41.85	41.85
-1018	0.00	0.00	41.85	41.85
-1014	0.00	0.00	41.85	41.85
-1010	0.00	0.00	41.85	41.85
-1006	0.00	0.00	41.85	41.85
-1002	0.00	0.00	41.85	41.85
-998	0.00	0.00	41.85	41.85
-994	0.00	0.00	41.85	41.85
-990	0.00	0.00	41.85	41.85
-986	0.00	0.00	40.51	40.51
-982	0.00	0.00	40.51	40.51
-978	0.00	0.00	40.51	40.51
-974	0.00	0.00	40.51	40.51
-970	0.00	0.00	40.51	40.51
-966	0.00	0.00	40.51	40.51
-962	0.00	0.00	25.91	25.91
-958	0.00	0.00	25.91	25.91
-954	0.00	0.00	25.91	25.91
-950	0.00	0.00	25.91	25.91
-946	0.00	0.00	25.91	25.91
-942	0.00	0.00	25.91	25.91
-938	0.00	0.00	25.91	25.91
-934	0.00	0.00	25.08	25.08
-930	0.00	0.00	25.08	25.08
-926	0.00	0.00	25.08	25.08
-922	0.00	0.00	25.08	25.08
-918	0.00	0.00	25.08	25.08
-914	0.00	0.00	25.08	25.08
-910	0.00	0.00	15.55	15.55
-906	0.00	0.00	25.91	25.91
-902	0.00	0.00	25.91	25.91
-898	0.00	0.00	25.91	25.91
-894	0.00	0.00	25.91	25.91
-890	0.00	0.00	25.91	25.91
-886	0.00	0.00	25.91	25.91
-882	0.00	0.00	25.91	25.91
-878	0.00	0.00	25.91	25.91
-874	0.00	0.00	25.91	25.91
-870	0.00	0.00	25.91	25.91
-866	0.00	0.00	25.91	25.91
-862	0.00	0.00	25.08	25.08
-858	0.00	0.00	25.08	25.08
-854	0.00	0.00	25.08	25.08
-850	0.00	0.00	25.08	25.08
-846	0.00	0.00	25.08	25.08
-842	0.00	0.00	25.08	25.08
-838	0.00	0.00	8.10	8.10
-834	0.00	0.00	8.10	8.10
-830	0.00	0.00	8.10	8.10
-826	0.00	0.00	8.10	8.10
-822	0.00	0.00	8.10	8.10

-821	0.00	0.00	8.10	8.10
-817	0.00	0.00	8.10	8.10
-813	0.00	0.00	8.10	8.10
-809	0.00	0.00	7.84	7.84
-805	0.00	0.00	7.84	7.84
-801	0.00	0.00	7.84	7.84
-797	0.00	0.00	7.84	7.84
-793	0.00	0.00	7.84	7.84
-789	0.00	0.00	7.84	7.84
-785	0.00	0.00	4.86	4.86
-781	0.00	0.00	8.10	8.10
-777	0.00	0.00	8.10	8.10
-773	0.00	0.00	8.10	8.10
-769	0.00	0.00	8.10	8.10
-765	0.00	0.00	8.10	8.10
-761	0.00	0.00	8.10	8.10
-757	0.00	0.00	8.10	8.10
-753	0.00	0.00	8.10	8.10
-749	0.00	0.00	8.10	8.10
-745	0.00	0.00	8.10	8.10
-741	0.00	0.00	7.97	7.97
-737	0.00	0.00	7.84	7.84
-733	0.00	0.00	7.84	7.84
-729	0.00	0.00	7.84	7.84
-725	0.00	0.00	7.84	7.84
-721	0.00	0.00	7.84	7.84
-717	0.00	0.00	7.84	7.84

-820	0.00	0.00	8.10	8.10
-816	0.00	0.00	8.10	8.10
-812	0.00	0.00	7.97	7.97
-808	0.00	0.00	7.84	7.84
-804	0.00	0.00	7.84	7.84
-800	0.00	0.00	7.84	7.84
-796	0.00	0.00	7.84	7.84
-792	0.00	0.00	7.84	7.84
-788	0.00	0.00	7.84	7.84
-784	0.00	0.00	6.48	6.48
-780	0.00	0.00	8.10	8.10
-776	0.00	0.00	8.10	8.10
-772	0.00	0.00	8.10	8.10
-768	0.00	0.00	8.10	8.10
-764	0.00	0.00	8.10	8.10
-760	0.00	0.00	8.10	8.10
-756	0.00	0.00	8.10	8.10
-752	0.00	0.00	8.10	8.10
-748	0.00	0.00	8.10	8.10
-744	0.00	0.00	8.10	8.10
-740	0.00	0.00	7.84	7.84
-736	0.00	0.00	7.84	7.84
-732	0.00	0.00	7.84	7.84
-728	0.00	0.00	7.84	7.84
-724	0.00	0.00	7.84	7.84
-720	0.00	0.00	7.84	7.84
-716	0.00	0.00	7.97	7.97

-819	0.00	0.00	8.10	8.10
-815	0.00	0.00	8.10	8.10
-811	0.00	0.00	7.84	7.84
-807	0.00	0.00	7.84	7.84
-803	0.00	0.00	7.84	7.84
-799	0.00	0.00	7.84	7.84
-795	0.00	0.00	7.84	7.84
-791	0.00	0.00	7.84	7.84
-787	0.00	0.00	6.35	6.35
-783	0.00	0.00	6.48	6.48
-779	0.00	0.00	8.10	8.10
-775	0.00	0.00	8.10	8.10
-771	0.00	0.00	8.10	8.10
-767	0.00	0.00	8.10	8.10
-763	0.00	0.00	8.10	8.10
-759	0.00	0.00	8.10	8.10
-755	0.00	0.00	8.10	8.10
-751	0.00	0.00	8.10	8.10
-747	0.00	0.00	8.10	8.10
-743	0.00	0.00	8.10	8.10
-739	0.00	0.00	7.84	7.84
-735	0.00	0.00	7.84	7.84
-731	0.00	0.00	7.84	7.84
-727	0.00	0.00	7.84	7.84
-723	0.00	0.00	7.84	7.84
-719	0.00	0.00	7.84	7.84

-818	0.00	0.00	8.10	8.10
-814	0.00	0.00	8.10	8.10
-810	0.00	0.00	7.84	7.84
-806	0.00	0.00	7.84	7.84
-802	0.00	0.00	7.84	7.84
-798	0.00	0.00	7.84	7.84
-794	0.00	0.00	7.84	7.84
-790	0.00	0.00	7.84	7.84
-786	0.00	0.00	4.86	4.86
-782	0.00	0.00	8.10	8.10
-778	0.00	0.00	8.10	8.10
-774	0.00	0.00	8.10	8.10
-770	0.00	0.00	8.10	8.10
-766	0.00	0.00	8.10	8.10
-762	0.00	0.00	8.10	8.10
-758	0.00	0.00	8.10	8.10
-754	0.00	0.00	8.10	8.10
-750	0.00	0.00	8.10	8.10
-746	0.00	0.00	8.10	8.10
-742	0.00	0.00	8.10	8.10
-738	0.00	0.00	7.84	7.84
-734	0.00	0.00	7.84	7.84
-730	0.00	0.00	7.84	7.84
-726	0.00	0.00	7.84	7.84
-722	0.00	0.00	7.84	7.84
-718	0.00	0.00	7.84	7.84

Totali forze sismiche

Fx <daN>	Fy <daN>
224360.00	224360.00

Domanda in duttilità di curvatura

Direzione X μ_{EdX}=29.69
Direzione Y μ_{EdY}=29.69

Tensioni sul terreno

Simbologia
σ_t = Tensione sul terreno
CC = Numero della combinazione delle condizioni di carico elementari
Nodo = Numero del nodo
TCC = Tipo di combinazione di carico
SLU = Stato limite ultimo
SLE R = Stato limite d'esercizio, combinazione rara
SLE F = Stato limite d'esercizio, combinazione frequente
SLE Q = Stato limite d'esercizio, combinazione quasi permanente
SLD = Stato limite di danno
SND = Stato limite di salvaguardia della vita (non dissipativo)

Nodo		CC	TCC	σ_t <daN/cmq>
-715	Max	9	SND	0.91
-713	Min.	15	SND	-0.01
-710	Max	9	SND	0.91
-708	Min.	15	SND	0.01
-705	Max	9	SND	0.90
-703	Min.	15	SND	0.03
-700	Max	9	SND	0.90
-698	Min.	15	SND	0.05
-695	Max	9	SND	0.90
-693	Min.	15	SND	0.07
-690	Max	9	SND	0.90
-688	Min.	13	SND	0.08
-685	Max	11	SND	0.91
-683	Min.	13	SND	0.08
-680	Max	11	SND	0.92
-678	Min.	13	SND	0.08
-675	Max	11	SND	0.94
-673	Min.	13	SND	0.08
-670	Max	11	SND	0.96
-668	Min.	13	SND	0.07
-665	Max	11	SND	0.98
-663	Min.	13	SND	0.06
-660	Max	9	SND	0.83
-658	Min.	15	SND	0.07
-655	Max	9	SND	0.83
-653	Min.	15	SND	0.09
-650	Max	9	SND	0.82
-648	Min.	15	SND	0.11
-645	Max	9	SND	0.82
-643	Min.	15	SND	0.12
-640	Max	9	SND	0.82
-638	Min.	15	SND	0.14
-635	Max	9	SND	0.82
-633	Min.	13	SND	0.15
-630	Max	11	SND	0.83
-628	Min.	13	SND	0.15
-625	Max	11	SND	0.84
-623	Min.	13	SND	0.15
-620	Max	11	SND	0.86
-618	Min.	13	SND	0.15
-615	Max	11	SND	0.88
-613	Min.	13	SND	0.15
-610	Max	11	SND	0.90
-608	Min.	13	SND	0.14
-605	Max	9	SND	0.79
-603	Min.	15	SND	0.12
-600	Max	9	SND	0.78

Nodo		CC	TCC	σ_t <daN/cmq>
-715	Min.	15	SND	-0.02
-712	Max	9	SND	0.91
-710	Min.	15	SND	0.01
-707	Max	9	SND	0.90
-705	Min.	15	SND	0.03
-702	Max	9	SND	0.90
-700	Min.	15	SND	0.04
-697	Max	9	SND	0.90
-695	Min.	15	SND	0.06
-692	Max	9	SND	0.90
-690	Min.	15	SND	0.08
-687	Max	11	SND	0.90
-685	Min.	13	SND	0.08
-682	Max	11	SND	0.92
-680	Min.	13	SND	0.08
-677	Max	11	SND	0.93
-675	Min.	13	SND	0.08
-672	Max	11	SND	0.95
-670	Min.	13	SND	0.08
-667	Max	11	SND	0.97
-665	Min.	13	SND	0.07
-662	Max	11	SND	0.99
-660	Min.	15	SND	0.06
-657	Max	9	SND	0.83
-655	Min.	15	SND	0.08
-652	Max	9	SND	0.82
-650	Min.	15	SND	0.10
-647	Max	9	SND	0.82
-645	Min.	15	SND	0.12
-642	Max	9	SND	0.82
-640	Min.	15	SND	0.13
-637	Max	9	SND	0.82
-635	Min.	15	SND	0.15
-632	Max	11	SND	0.82
-630	Min.	13	SND	0.15
-627	Max	11	SND	0.84
-625	Min.	13	SND	0.15
-622	Max	11	SND	0.85
-620	Min.	13	SND	0.15
-617	Max	11	SND	0.87
-615	Min.	13	SND	0.15
-612	Max	11	SND	0.89
-610	Min.	13	SND	0.14
-607	Max	11	SND	0.91
-605	Min.	15	SND	0.11
-602	Max	9	SND	0.78
-600	Min.	15	SND	0.13

Nodo		CC	TCC	σ_t <daN/cmq>
-714	Max	9	SND	0.91
-712	Min.	15	SND	-0.00
-709	Max	9	SND	0.90
-707	Min.	15	SND	0.02
-704	Max	9	SND	0.90
-702	Min.	15	SND	0.04
-699	Max	9	SND	0.90
-697	Min.	15	SND	0.05
-694	Max	9	SND	0.90
-692	Min.	15	SND	0.07
-689	Max	9	SND	0.90
-687	Min.	13	SND	0.08
-684	Max	11	SND	0.91
-682	Min.	13	SND	0.08
-679	Max	11	SND	0.93
-677	Min.	13	SND	0.08
-674	Max	11	SND	0.94
-672	Min.	13	SND	0.08
-669	Max	11	SND	0.96
-667	Min.	13	SND	0.07
-664	Max	11	SND	0.98
-662	Min.	13	SND	0.06
-659	Max	9	SND	0.83
-657	Min.	15	SND	0.07
-654	Max	9	SND	0.83
-652	Min.	15	SND	0.09
-649	Max	9	SND	0.82
-647	Min.	15	SND	0.11
-644	Max	9	SND	0.82
-642	Min.	15	SND	0.13
-639	Max	9	SND	0.82
-637	Min.	15	SND	0.14
-634	Max	9	SND	0.82
-632	Min.	13	SND	0.15
-629	Max	11	SND	0.83
-627	Min.	13	SND	0.15
-624	Max	11	SND	0.85
-622	Min.	13	SND	0.15
-619	Max	11	SND	0.86
-617	Min.	13	SND	0.15
-614	Max	11	SND	0.88
-612	Min.	13	SND	0.15
-609	Max	11	SND	0.90
-607	Min.	13	SND	0.14
-604	Max	9	SND	0.79
-602	Min.	15	SND	0.12
-599	Max	9	SND	0.78

Nodo		CC	TCC	σ_t <daN/cmq>
-714	Min.	15	SND	-0.01
-711	Max	9	SND	0.91
-709	Min.	15	SND	0.01
-706	Max	9	SND	0.90
-704	Min.	15	SND	0.03
-701	Max	9	SND	0.90
-699	Min.	15	SND	0.05
-696	Max	9	SND	0.90
-694	Min.	15	SND	0.06
-691	Max	9	SND	0.90
-689	Min.	15	SND	0.08
-686	Max	11	SND	0.91
-684	Min.	13	SND	0.08
-681	Max	11	SND	0.92
-679	Min.	13	SND	0.08
-676	Max	11	SND	0.94
-674	Min.	13	SND	0.08
-671	Max	11	SND	0.95
-669	Min.	13	SND	0.07
-666	Max	11	SND	0.97
-664	Min.	13	SND	0.07
-661	Max	11	SND	0.99
-659	Min.	15	SND	0.07
-656	Max	9	SND	0.83
-654	Min.	15	SND	0.09
-651	Max	9	SND	0.82
-649	Min.	15	SND	0.10
-646	Max	9	SND	0.82
-644	Min.	15	SND	0.12
-641	Max	9	SND	0.82
-639	Min.	15	SND	0.14
-636	Max	9	SND	0.82
-634	Min.	15	SND	0.15
-631	Max	11	SND	0.83
-629	Min.	13	SND	0.15
-626	Max	11	SND	0.84
-624	Min.	13	SND	0.15
-621	Max	11	SND	0.86
-619	Min.	13	SND	0.15
-616	Max	11	SND	0.87
-614	Min.	13	SND	0.15
-611	Max	11	SND	0.89
-609	Min.	13	SND	0.14
-606	Max	11	SND	0.91
-604	Min.	15	SND	0.11
-601	Max	9	SND	0.78
-599	Min.	15	SND	0.13

Nodo		CC	TCC	σ_t <daN/cmq>
-713	Max	9	SND	0.91
-711	Min.	15	SND	0.00
-708	Max	9	SND	0.90
-706	Min.	15	SND	0.02
-703	Max	9	SND	0.90
-701	Min.	15	SND	0.04
-698	Max	9	SND	0.90
-696	Min.	15	SND	0.06
-693	Max	9	SND	0.90
-691	Min.	15	SND	0.07
-688	Max	11	SND	0.90
-686	Min.	13	SND	0.08
-683	Max	11	SND	0.91
-681	Min.	13	SND	0.08
-678	Max	11	SND	0.93
-676	Min.	13	SND	0.08
-673	Max	11	SND	0.95
-671	Min.	13	SND	0.08
-668	Max	11	SND	0.96
-666	Min.	13	SND	0.07
-663	Max	11	SND	0.98
-661	Min.	13	SND	0.06
-658	Max	9	SND	0.83
-656	Min.	15	SND	0.08
-653	Max	9	SND	0.82
-651	Min.	15	SND	0.10
-648	Max	9	SND	0.82
-646	Min.	15	SND	0.11
-643	Max	9	SND	0.82
-641	Min.	15	SND	0.13
-638	Max	9	SND	0.82
-636	Min.	15	SND	0.14
-633	Max	11	SND	0.82
-631	Min.	13	SND	0.15
-628	Max	11	SND	0.83
-626	Min.	13	SND	0.15
-623	Max	11	SND	0.85
-621	Min.	13	SND	0.15
-618	Max	11	SND	0.87
-616	Min.	13	SND	0.15
-613	Max	11	SND	0.88
-611	Min.	13	SND	0.15
-608	Max	11	SND	0.91
-606	Min.	13	SND	0.14
-603	Max	9	SND	0.78
-601	Min.	15	SND	0.12
-598	Max	9	SND	0.78

-598	Min.	15	SND	0.13
-595	Max	9	SND	0.77
-593	Min.	15	SND	0.15
-590	Max	9	SND	0.77
-588	Min.	15	SND	0.17
-585	Max	9	SND	0.77
-583	Min.	15	SND	0.18
-580	Max	9	SND	0.77
-578	Min.	13	SND	0.19
-575	Max	11	SND	0.78
-573	Min.	13	SND	0.20
-570	Max	11	SND	0.79
-568	Min.	13	SND	0.20
-565	Max	11	SND	0.81
-563	Min.	13	SND	0.19
-560	Max	11	SND	0.83
-558	Min.	13	SND	0.19
-555	Max	11	SND	0.85
-553	Min.	13	SND	0.19
-550	Max	9	SND	0.74
-548	Min.	15	SND	0.16
-545	Max	9	SND	0.73
-543	Min.	15	SND	0.18
-540	Max	9	SND	0.73
-538	Min.	15	SND	0.19
-535	Max	9	SND	0.72
-533	Min.	15	SND	0.21
-530	Max	9	SND	0.72
-528	Min.	15	SND	0.22
-525	Max	9	SND	0.72
-523	Min.	13	SND	0.24
-520	Max	11	SND	0.73
-518	Min.	13	SND	0.24
-515	Max	11	SND	0.75
-513	Min.	13	SND	0.24
-510	Max	11	SND	0.76
-508	Min.	13	SND	0.24
-505	Max	11	SND	0.78
-503	Min.	13	SND	0.24
-500	Max	11	SND	0.80
-498	Min.	13	SND	0.23
-495	Max	9	SND	0.66
-493	Min.	15	SND	0.24
-490	Max	9	SND	0.65
-488	Min.	15	SND	0.25
-485	Max	9	SND	0.65
-483	Min.	15	SND	0.27
-480	Max	9	SND	0.65
-478	Min.	15	SND	0.28
-475	Max	17	SLU	0.65
-473	Min.	15	SND	0.29
-470	Max	17	SLU	0.67
-468	Min.	13	SND	0.30
-465	Max	17	SLU	0.68
-463	Min.	13	SND	0.31
-460	Max	17	SLU	0.69
-458	Min.	13	SND	0.31
-455	Max	17	SLU	0.70
-453	Min.	13	SND	0.31
-450	Max	17	SLU	0.71
-448	Min.	13	SND	0.31
-445	Max	17	SLU	0.73
-443	Min.	13	SND	0.31
-440	Max	17	SLU	0.62
-438	Min.	15	SND	0.32
-435	Max	17	SLU	0.63
-433	Min.	15	SND	0.33
-430	Max	17	SLU	0.63
-428	Min.	15	SND	0.34
-425	Max	17	SLU	0.64
-423	Min.	15	SND	0.35
-420	Max	17	SLU	0.65
-418	Min.	15	SND	0.36
-415	Max	17	SLU	0.66
-413	Min.	13	SND	0.37
-410	Max	17	SLU	0.67
-408	Min.	13	SND	0.38
-405	Max	17	SLU	0.68
-403	Min.	13	SND	0.38
-400	Max	17	SLU	0.69
-398	Min.	13	SND	0.38
-395	Max	17	SLU	0.71
-393	Min.	13	SND	0.38
-390	Max	17	SLU	0.73
-388	Min.	13	SND	0.39
-385	Max	17	SLU	0.62
-383	Min.	7	SND	0.36
-380	Max	17	SLU	0.63
-378	Min.	7	SND	0.38
-375	Max	17	SLU	0.63
-373	Min.	7	SND	0.40
-370	Max	17	SLU	0.64
-368	Min.	7	SND	0.42
-365	Max	17	SLU	0.65
-363	Min.	15	SND	0.43
-360	Max	17	SLU	0.66
-358	Min.	13	SND	0.44
-355	Max	17	SLU	0.67
-353	Min.	13	SND	0.45
-350	Max	17	SLU	0.68
-348	Min.	3	SND	0.45

-597	Max	9	SND	0.78
-595	Min.	15	SND	0.14
-592	Max	9	SND	0.77
-590	Min.	15	SND	0.16
-587	Max	9	SND	0.77
-585	Min.	15	SND	0.18
-582	Max	9	SND	0.77
-580	Min.	15	SND	0.19
-577	Max	11	SND	0.78
-575	Min.	13	SND	0.20
-572	Max	11	SND	0.79
-570	Min.	13	SND	0.20
-567	Max	11	SND	0.80
-565	Min.	13	SND	0.20
-562	Max	11	SND	0.82
-560	Min.	13	SND	0.19
-557	Max	11	SND	0.84
-555	Min.	13	SND	0.19
-552	Max	11	SND	0.86
-550	Min.	15	SND	0.16
-547	Max	9	SND	0.73
-545	Min.	15	SND	0.17
-542	Max	9	SND	0.73
-540	Min.	15	SND	0.19
-537	Max	9	SND	0.72
-535	Min.	15	SND	0.20
-532	Max	9	SND	0.72
-530	Min.	15	SND	0.22
-527	Max	9	SND	0.72
-525	Min.	15	SND	0.23
-522	Max	11	SND	0.73
-520	Min.	13	SND	0.24
-517	Max	11	SND	0.74
-515	Min.	13	SND	0.24
-512	Max	11	SND	0.76
-510	Min.	13	SND	0.24
-507	Max	11	SND	0.77
-505	Min.	13	SND	0.24
-502	Max	11	SND	0.79
-500	Min.	13	SND	0.23
-497	Max	11	SND	0.82
-495	Min.	15	SND	0.23
-492	Max	9	SND	0.66
-490	Min.	15	SND	0.25
-487	Max	9	SND	0.65
-485	Min.	15	SND	0.26
-482	Max	9	SND	0.65
-480	Min.	15	SND	0.27
-477	Max	17	SLU	0.65
-475	Min.	15	SND	0.29
-472	Max	17	SLU	0.66
-470	Min.	15	SND	0.30
-467	Max	17	SLU	0.67
-465	Min.	13	SND	0.31
-462	Max	17	SLU	0.68
-460	Min.	13	SND	0.31
-457	Max	17	SLU	0.69
-455	Min.	13	SND	0.31
-452	Max	17	SLU	0.71
-450	Min.	13	SND	0.31
-447	Max	17	SLU	0.72
-445	Min.	13	SND	0.31
-442	Max	17	SLU	0.74
-440	Min.	15	SND	0.31
-437	Max	17	SLU	0.63
-435	Min.	15	SND	0.32
-432	Max	17	SLU	0.63
-430	Min.	15	SND	0.33
-427	Max	17	SLU	0.64
-425	Min.	15	SND	0.34
-422	Max	17	SLU	0.65
-420	Min.	15	SND	0.36
-417	Max	17	SLU	0.66
-415	Min.	15	SND	0.37
-412	Max	17	SLU	0.67
-410	Min.	13	SND	0.38
-407	Max	17	SLU	0.68
-405	Min.	13	SND	0.38
-402	Max	17	SLU	0.69
-400	Min.	13	SND	0.38
-397	Max	17	SLU	0.70
-395	Min.	13	SND	0.38
-392	Max	17	SLU	0.72
-390	Min.	13	SND	0.39
-387	Max	17	SLU	0.74
-385	Min.	7	SND	0.35
-382	Max	17	SLU	0.63
-380	Min.	7	SND	0.37
-377	Max	17	SLU	0.63
-375	Min.	7	SND	0.39
-372	Max	17	SLU	0.63
-370	Min.	7	SND	0.41
-367	Max	17	SLU	0.64
-365	Min.	15	SND	0.43
-362	Max	17	SLU	0.66
-360	Min.	15	SND	0.44
-357	Max	17	SLU	0.67
-355	Min.	13	SND	0.45
-352	Max	17	SLU	0.68
-350	Min.	13	SND	0.45
-347	Max	17	SLU	0.69

-597	Min.	15	SND	0.14
-594	Max	9	SND	0.77
-592	Min.	15	SND	0.15
-589	Max	9	SND	0.77
-587	Min.	15	SND	0.17
-584	Max	9	SND	0.77
-582	Min.	15	SND	0.18
-579	Max	9	SND	0.77
-577	Min.	13	SND	0.19
-574	Max	11	SND	0.78
-572	Min.	13	SND	0.20
-569	Max	11	SND	0.80
-567	Min.	13	SND	0.20
-564	Max	11	SND	0.81
-562	Min.	13	SND	0.19
-559	Max	11	SND	0.83
-557	Min.	13	SND	0.19
-554	Max	11	SND	0.85
-552	Min.	13	SND	0.19
-549	Max	9	SND	0.74
-547	Min.	15	SND	0.17
-544	Max	9	SND	0.73
-542	Min.	15	SND	0.18
-539	Max	9	SND	0.73
-537	Min.	15	SND	0.20
-534	Max	9	SND	0.72
-532	Min.	15	SND	0.21
-529	Max	9	SND	0.72
-527	Min.	15	SND	0.23
-524	Max	9	SND	0.73
-522	Min.	13	SND	0.24
-519	Max	11	SND	0.74
-517	Min.	13	SND	0.24
-514	Max	11	SND	0.75
-512	Min.	13	SND	0.24
-509	Max	11	SND	0.77
-507	Min.	13	SND	0.24
-504	Max	11	SND	0.78
-502	Min.	13	SND	0.24
-499	Max	11	SND	0.81
-497	Min.	13	SND	0.23
-494	Max	9	SND	0.66
-492	Min.	15	SND	0.24
-489	Max	9	SND	0.65
-487	Min.	15	SND	0.25
-484	Max	9	SND	0.65
-482	Min.	15	SND	0.27
-479	Max	17	SLU	0.65
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-474	Max	17	SLU	0.66
-472	Min.	15	SND	0.30
-469	Max	17	SLU	0.67
-467	Min.	13	SND	0.31
-464	Max	17	SLU	0.68
-462	Min.	13	SND	0.31
-459	Max	17	SLU	0.69
-457	Min.	13	SND	0.31
-454	Max	17	SLU	0.70
-452	Min.	13	SND	0.31
-449	Max	17	SLU	0.71
-447	Min.	13	SND	0.31
-444	Max	17	SLU	0.73
-442	Min.	13	SND	0.31
-439	Max	17	SLU	0.63
-437	Min.	15	SND	0.32
-434	Max	17	SLU	0.63
-432	Min.	15	SND	0.33
-429	Max	17	SLU	0.63
-427	Min.	15	SND	0.34
-424	Max	17	SLU	0.64
-422	Min.	15	SND	0.35
-419	Max	17	SLU	0.65
-417	Min.	15	SND	0.37
-414	Max	17	SLU	0.66
-412	Min.	13	SND	0.37
-409	Max	17	SLU	0.67
-407	Min.	13	SND	0.38
-404	Max	17	SLU	0.69
-402	Min.	13	SND	0.38
-399	Max	17	SLU	0.70
-397	Min.	13	SND	0.38
-394	Max	17	SLU	0.71
-392	Min.	13	SND	0.38
-389	Max	17	SLU	0.73
-387	Min.	13	SND	0.39
-384	Max	17	SLU	0.63
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-379	Max	17	SLU	0.63
-377	Min.	7	SND	0.38
-374	Max	17	SLU	0.63
-372	Min.	7	SND	0.40
-369	Max	17	SLU	0.64
-367	Min.	15	SND	0.42
-364	Max	17	SLU	0.65
-362	Min.	15	SND	0.44
-359	Max	17	SLU	0.66
-357	Min.	13	SND	0.44
-354	Max	17	SLU	0.67
-352	Min.	13	SND	0.45
-349	Max	17	SLU	0.68
-347	Min.	3	SND	0.45

-596	Max	9	SND	0.77
-594	Min.	15	SND	0.15
-591	Max	9	SND	0.77
-589	Min.	15	SND	0.16
-586	Max	9	SND	0.77
-584	Min.	15	SND	0.18
-581	Max	9	SND	0.77
-579	Min.	15	SND	0.19
-576	Max	11	SND	0.78
-574	Min.	13	SND	0.20
-571	Max	11	SND	0.79
-569	Min.	13	SND	0.20
-566	Max	11	SND	0.81
-564	Min.	13	SND	0.19
-561	Max	11	SND	0.82
-559	Min.	13	SND	0.19
-556	Max	11	SND	0.84
-554	Min.	13	SND	0.19
-551	Max	11	SND	0.87
-549	Min.	15	SND	0.16
-546	Max	9	SND	0.73
-544	Min.	15	SND	0.17
-541	Max	9	SND	0.73
-539	Min.	15	SND	0.19
-536	Max	9	SND	0.72
-534	Min.	15	SND	0.21
-531	Max	9	SND	0.72
-529	Min.	15	SND	0.22
-526	Max	9	SND	0.72
-524	Min.	15	SND	0.23
-521	Max	11	SND	0.73
-519	Min.	13	SND	0.24
-516	Max	11	SND	0.74
-514	Min.	13	SND	0.24
-511	Max	11	SND	0.76
-509	Min.	13	SND	0.24
-506	Max	11	SND	0.78
-504	Min.	13	SND	0.24
-501	Max	11	SND	0.80
-499	Min.	13	SND	0.23
-496	Max	11	SND	0.82
-494	Min.	15	SND	0.24
-491	Max	9	SND	0.65
-489	Min.	15	SND	0.25
-486	Max	9	SND	0.65
-484	Min.	15	SND	0.26
-481	Max	9	SND	0.65
-479	Min.	15	SND	0.28
-476	Max	17	SLU	0.65
-474	Min.	15	SND	0.29
-471	Max	17	SLU	0.66
-469	Min.	15	SND	0.30
-466	Max	17	SLU	0.67
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-461	Max	17	SLU	0.69
-459	Min.	13	SND	0.31
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-454	Min.	13	SND	0.31
-451	Max	17	SLU	0.71
-449	Min.	13	SND	0.31
-446	Max	17	SLU	0.72
-444	Min.	13	SND	0.31
-441	Max	17	SLU	0.74
-439	Min.	15	SND	0.31
-436	Max	17	SLU	0.63
-434	Min.	15	SND	0.32
-431	Max	17	SLU	0.63
-429	Min.	15	SND	0.33
-426	Max	17	SLU	0.64
-424	Min.	15	SND	0.35
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-419	Min.	15	SND	0.36
-416	Max	17	SLU	0.66
-414	Min.	15	SND	0.37
-411	Max	17	SLU	0.67
-409	Min.	13	SND	0.38
-406	Max	17	SLU	0.68
-404	Min.	13	SND	0.38
-401	Max	17	SLU	0.69
-399	Min.	13	SND	0.38
-396	Max	17	SLU	0.70
-394	Min.	13	SND	0.38
-391	Max	17	SLU	0.72
-389	Min.	13	SND	0.39
-386	Max	17	SLU	0.74
-384	Min.	7	SND	0.35
-381	Max	17	SLU	0.63
-379	Min.	7	SND	0.37
-376	Max	17	SLU	0.63
-374	Min.	7	SND	0.39
-371	Max	17	SLU	0.64
-369	Min.	7	SND	0.42
-366	Max	17	SLU	0.65
-364	Min.	15	SND	0.43
-361	Max	17	SLU	0.66
-359	Min.	15	SND	0.44
-356	Max	17	SLU	0.67
-354	Min.	13	SND	0.45
-351	Max	17	SLU	0.68
-349	Min.	13	SND	0.45
-346	Max	17	SLU	0.69

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-591	Min.	15	SND	0.16
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-586	Min.	15	SND	0.17
-583	Max	9	SND	0.77
-581	Min.	15	SND	0.19
-578	Max	11	SND	0.77
-576	Min.	13	SND	0.19
-573	Max	11	SND	0.79
-571	Min.	13	SND	0.20
-568	Max	11	SND	0.80
-566	Min.	13	SND	0.20
-563	Max	11	SND	0.82
-561	Min.	13	SND	0.19
-558	Max	11	SND	0.84
-556	Min.	13	SND	0.19
-553	Max	11	SND	0.86
-551	Min.	13	SND	0.19
-548	Max	9	SND	0.74
-546	Min.	15	SND	0.17
-543	Max	9	SND	0.73
-541	Min.	15	SND	0.18
-538	Max	9	SND	0.72
-536	Min.	15	SND	0.20
-533	Max	9	SND	0.72
-531	Min.	15	SND	0.22
-528	Max	9	SND	0.72
-526	Min.	15	SND	0.23
-523	Max	11	SND	0.73
-521	Min.	13	SND	0.24
-518	Max	11	SND	0.74
-516	Min.	13	SND	0.24
-513	Max	11	SND	0.75
-511	Min.	13	SND	0.24
-508	Max	11	SND	0.77
-506	Min.	13	SND	0.24
-503	Max	11	SND	0.79
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-498	Max	11	SND	0.81
-496	Min.	13	SND	0.23
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-491	Min.	15	SND	0.24
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-486	Min.	15	SND	0.26
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-481	Min.	15	SND	0.27
-478	Max	17	SLU	0.65
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-461	Min.	13	SND	0.31
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-451	Min.	13	SND	0.31
-448	Max	17	SLU	0.72
-446	Min.	13	SND	0.31
-443	Max	17	SLU	0.74
-441	Min.	13	SND	0.31
-438	Max	17	SLU	0.63
-436	Min.	15	SND	0.32
-433	Max	17	SLU	0.63
-431	Min.	15	SND	0.33
-428	Max	17	SLU	0.64
-426	Min.	15	SND	0.34
-423	Max	17	SLU	0.64
-421	Min.	15	SND	0.36
-418	Max	17	SLU	0.66
-416	Min.	15	SND	0.37
-413	Max	17	SLU	0.67
-411	Min.	13	SND	0.38
-408	Max	17	SLU	0.68
-406	Min.	13	SND	0.38
-403	Max	17	SLU	0.69
-401	Min.	13	SND	0.38
-398	Max	17	SLU	0.70
-396	Min.	13	SND	0.38
-393	Max	17	SLU	0.71
-391	Min.	13	SND	0.38
-388	Max	17	SLU	0.74
-386	Min.	13	SND	0.39
-383	Max	17	SLU	0.63
-381	Min.	7	SND	0.36
-378	Max	17	SLU	0.63
-376	Min.	7	SND	0.38
-373	Max	17	SLU	0.63
-371	Min.	7	SND	0.41
-368	Max	17	SLU	0.64
-366	Min.	15	SND	0.43
-363	Max	17	SLU	0.65
-361	Min.	15	SND	0.44
-358	Max	17	SLU	0.66
-356	Min.	13	SND	0.45
-353	Max	17	SLU	0.67
-351	Min.	13	SND	0.45
-348	Max	17	SLU	0.69
-346	Min.	3	SND	0.44

-345	Max	17	SLU	0.69
-343	Min.	3	SND	0.44
-340	Max	17	SLU	0.71
-338	Min.	3	SND	0.43
-335	Max	17	SLU	0.72
-333	Min.	3	SND	0.43
-330	Max	17	SLU	0.62
-328	Min.	5	SND	0.35
-325	Max	17	SLU	0.63
-323	Min.	5	SND	0.37
-320	Max	17	SLU	0.63
-318	Min.	5	SND	0.39
-315	Max	17	SLU	0.64
-313	Min.	11	SND	0.41
-310	Max	17	SLU	0.65
-308	Min.	11	SND	0.42
-305	Max	17	SLU	0.66
-303	Min.	9	SND	0.43
-300	Max	17	SLU	0.67
-298	Min.	9	SND	0.43
-295	Max	17	SLU	0.68
-293	Min.	9	SND	0.43
-290	Max	17	SLU	0.69
-288	Min.	1	SND	0.43
-285	Max	17	SLU	0.71
-283	Min.	1	SND	0.43
-280	Max	17	SLU	0.72
-278	Min.	1	SND	0.42
-275	Max	17	SLU	0.62
-273	Min.	11	SND	0.30
-270	Max	17	SLU	0.63
-268	Min.	11	SND	0.31
-265	Max	17	SLU	0.63
-263	Min.	11	SND	0.32
-260	Max	17	SLU	0.64
-258	Min.	11	SND	0.34
-255	Max	17	SLU	0.65
-253	Min.	11	SND	0.35
-250	Max	17	SLU	0.66
-248	Min.	9	SND	0.36
-245	Max	17	SLU	0.67
-243	Min.	9	SND	0.36
-240	Max	17	SLU	0.68
-238	Min.	9	SND	0.36
-235	Max	17	SLU	0.69
-233	Min.	9	SND	0.36
-230	Max	17	SLU	0.71
-228	Min.	9	SND	0.37
-225	Max	17	SLU	0.73
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-218	Min.	11	SND	0.22
-215	Max	13	SND	0.67
-213	Min.	11	SND	0.24
-210	Max	13	SND	0.66
-208	Min.	11	SND	0.25
-205	Max	13	SND	0.66
-203	Min.	11	SND	0.27
-200	Max	13	SND	0.66
-198	Min.	11	SND	0.28
-195	Max	17	SLU	0.67
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-190	Max	17	SLU	0.68
-188	Min.	9	SND	0.29
-185	Max	17	SLU	0.69
-183	Min.	9	SND	0.29
-180	Max	15	SND	0.70
-178	Min.	9	SND	0.29
-175	Max	15	SND	0.72
-173	Min.	9	SND	0.29
-170	Max	15	SND	0.74
-168	Min.	9	SND	0.30
-165	Max	13	SND	0.75
-163	Min.	11	SND	0.15
-160	Max	13	SND	0.75
-158	Min.	11	SND	0.16
-155	Max	13	SND	0.74
-153	Min.	11	SND	0.18
-150	Max	13	SND	0.74
-148	Min.	11	SND	0.19
-145	Max	13	SND	0.74
-143	Min.	11	SND	0.21
-140	Max	13	SND	0.74
-138	Min.	9	SND	0.22
-135	Max	15	SND	0.75
-133	Min.	9	SND	0.22
-130	Max	15	SND	0.76
-128	Min.	9	SND	0.22
-125	Max	15	SND	0.78
-123	Min.	9	SND	0.22
-120	Max	15	SND	0.80
-118	Min.	9	SND	0.22
-115	Max	15	SND	0.82
-113	Min.	9	SND	0.22
-110	Max	13	SND	0.83
-108	Min.	11	SND	0.07
-105	Max	13	SND	0.83
-103	Min.	11	SND	0.09
-100	Max	13	SND	0.82
-98	Min.	11	SND	0.11
-95	Max	13	SND	0.82

-345	Min.	3	SND	0.44
-342	Max	17	SLU	0.70
-340	Min.	3	SND	0.43
-337	Max	17	SLU	0.72
-335	Min.	3	SND	0.43
-332	Max	17	SLU	0.74
-330	Min.	5	SND	0.34
-327	Max	17	SLU	0.63
-325	Min.	5	SND	0.36
-322	Max	17	SLU	0.63
-320	Min.	5	SND	0.38
-317	Max	17	SLU	0.64
-315	Min.	11	SND	0.40
-312	Max	17	SLU	0.64
-310	Min.	11	SND	0.41
-307	Max	17	SLU	0.66
-305	Min.	11	SND	0.43
-302	Max	17	SLU	0.67
-300	Min.	9	SND	0.43
-297	Max	17	SLU	0.68
-295	Min.	9	SND	0.43
-292	Max	17	SLU	0.69
-290	Min.	9	SND	0.44
-287	Max	17	SLU	0.70
-285	Min.	1	SND	0.43
-282	Max	17	SLU	0.72
-280	Min.	1	SND	0.42
-277	Max	17	SLU	0.74
-275	Min.	11	SND	0.30
-272	Max	17	SLU	0.63
-270	Min.	11	SND	0.31
-267	Max	17	SLU	0.63
-265	Min.	11	SND	0.32
-262	Max	17	SLU	0.64
-260	Min.	11	SND	0.33
-257	Max	17	SLU	0.65
-255	Min.	11	SND	0.34
-252	Max	17	SLU	0.66
-250	Min.	11	SND	0.36
-247	Max	17	SLU	0.67
-245	Min.	9	SND	0.36
-242	Max	17	SLU	0.68
-240	Min.	9	SND	0.36
-237	Max	17	SLU	0.69
-235	Min.	9	SND	0.36
-232	Max	17	SLU	0.70
-230	Min.	9	SND	0.37
-227	Max	17	SLU	0.72
-225	Min.	9	SND	0.37
-222	Max	17	SLU	0.74
-220	Min.	11	SND	0.22
-217	Max	13	SND	0.67
-215	Min.	11	SND	0.23
-212	Max	13	SND	0.66
-210	Min.	11	SND	0.24
-207	Max	13	SND	0.66
-205	Min.	11	SND	0.26
-202	Max	13	SND	0.66
-200	Min.	11	SND	0.27
-197	Max	13	SND	0.66
-195	Min.	11	SND	0.29
-192	Max	17	SLU	0.67
-190	Min.	9	SND	0.29
-187	Max	17	SLU	0.68
-185	Min.	9	SND	0.29
-182	Max	17	SLU	0.69
-180	Min.	9	SND	0.29
-177	Max	15	SND	0.71
-175	Min.	9	SND	0.29
-172	Max	15	SND	0.73
-170	Min.	9	SND	0.29
-167	Max	15	SND	0.75
-165	Min.	11	SND	0.14
-162	Max	13	SND	0.75
-160	Min.	11	SND	0.16
-157	Max	13	SND	0.74
-155	Min.	11	SND	0.17
-152	Max	13	SND	0.74
-150	Min.	11	SND	0.19
-147	Max	13	SND	0.74
-145	Min.	11	SND	0.20
-142	Max	13	SND	0.74
-140	Min.	11	SND	0.22
-137	Max	15	SND	0.74
-135	Min.	9	SND	0.22
-132	Max	15	SND	0.76
-130	Min.	9	SND	0.22
-127	Max	15	SND	0.77
-125	Min.	9	SND	0.22
-122	Max	15	SND	0.79
-120	Min.	9	SND	0.22
-117	Max	15	SND	0.81
-115	Min.	9	SND	0.22
-112	Max	15	SND	0.83
-110	Min.	11	SND	0.06
-107	Max	13	SND	0.83
-105	Min.	11	SND	0.08
-102	Max	13	SND	0.82
-100	Min.	11	SND	0.10
-97	Max	13	SND	0.82
-95	Min.	11	SND	0.12

-344	Max	17	SLU	0.69
-342	Min.	3	SND	0.44
-339	Max	17	SLU	0.71
-337	Min.	3	SND	0.43
-334	Max	17	SLU	0.73
-332	Min.	3	SND	0.43
-329	Max	17	SLU	0.63
-327	Min.	5	SND	0.36
-324	Max	17	SLU	0.63
-322	Min.	5	SND	0.38
-319	Max	17	SLU	0.63
-317	Min.	11	SND	0.40
-314	Max	17	SLU	0.64
-312	Min.	11	SND	0.41
-309	Max	17	SLU	0.65
-307	Min.	11	SND	0.42
-304	Max	17	SLU	0.66
-302	Min.	9	SND	0.43
-299	Max	17	SLU	0.67
-297	Min.	9	SND	0.43
-294	Max	17	SLU	0.68
-292	Min.	9	SND	0.43
-289	Max	17	SLU	0.69
-287	Min.	1	SND	0.43
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-279	Max	17	SLU	0.73
-277	Min.	1	SND	0.42
-274	Max	17	SLU	0.62
-272	Min.	11	SND	0.30
-269	Max	17	SLU	0.63
-267	Min.	11	SND	0.31
-264	Max	17	SLU	0.63
-262	Min.	11	SND	0.33
-259	Max	17	SLU	0.64
-257	Min.	11	SND	0.34
-254	Max	17	SLU	0.65
-252	Min.	11	SND	0.35
-249	Max	17	SLU	0.66
-247	Min.	9	SND	0.36
-244	Max	17	SLU	0.67
-242	Min.	9	SND	0.36
-239	Max	17	SLU	0.69
-237	Min.	9	SND	0.36
-234	Max	17	SLU	0.70
-232	Min.	9	SND	0.37
-229	Max	17	SLU	0.71
-227	Min.	9	SND	0.37
-224	Max	17	SLU	0.73
-222	Min.	9	SND	0.37
-219	Max	13	SND	0.68
-217	Min.	11	SND	0.23
-214	Max	13	SND	0.67
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-209	Max	13	SND	0.66
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-204	Max	13	SND	0.66
-202	Min.	11	SND	0.27
-199	Max	13	SND	0.66
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-194	Max	17	SLU	0.67
-192	Min.	9	SND	0.29
-189	Max	17	SLU	0.68
-187	Min.	9	SND	0.29
-184	Max	17	SLU	0.69
-182	Min.	9	SND	0.29
-179	Max	15	SND	0.70
-177	Min.	9	SND	0.29
-174	Max	15	SND	0.72
-172	Min.	9	SND	0.29
-169	Max	15	SND	0.74
-167	Min.	9	SND	0.30
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-157	Min.	11	SND	0.17
-154	Max	13	SND	0.74
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-149	Max	13	SND	0.74
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-144	Max	13	SND	0.74
-142	Min.	11	SND	0.21
-139	Max	13	SND	0.74
-137	Min.	9	SND	0.22
-134	Max	15	SND	0.75
-132	Min.	9	SND	0.22
-129	Max	15	SND	0.77
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-124	Max	15	SND	0.78
-122	Min.	9	SND	0.22
-119	Max	15	SND	0.80
-117	Min.	9	SND	0.22
-114	Max	15	SND	0.82
-112	Min.	9	SND	0.22
-109	Max	13	SND	0.83
-107	Min.	11	SND	0.07
-104	Max	13	SND	0.82
-102	Min.	11	SND	0.09
-99	Max	13	SND	0.82
-97	Min.	11	SND	0.11
-94	Max	13	SND	0.82

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-334	Min.	3	SND	0.43
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-326	Max	17	SLU	0.62
-324	Min.	5	SND	0.37
-321	Max	17	SLU	0.63
-319	Min.	5	SND	0.39
-316	Max	17	SLU	0.64
-314	Min.	11	SND	0.40
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-309	Min.	11	SND	0.42
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-304	Min.	11	SND	0.43
-301	Max	17	SLU	0.67
-299	Min.	9	SND	0.43
-296	Max	17	SLU	0.68
-294	Min.	9	SND	0.43
-291	Max	17	SLU	0.69
-289	Min.	1	SND	0.44
-286	Max	17	SLU	0.70
-284	Min.	1	SND	0.43
-281	Max	17	SLU	0.72
-279	Min.	1	SND	0.42
-276	Max	17	SLU	0.74
-274	Min.	11	SND	0.30
-271	Max	17	SLU	0.63
-269	Min.	11	SND	0.31
-266	Max	17	SLU	0.63
-264	Min.	11	SND	0.32
-261	Max	17	SLU	0.64
-259	Min.	11	SND	0.33
-256	Max	17	SLU	0.65
-254	Min.	11	SND	0.35
-251	Max	17	SLU	0.66
-249	Min.	11	SND	0.36
-246	Max	17	SLU	0.67
-244	Min.	9	SND	0.36
-241	Max	17	SLU	0.68
-239	Min.	9	SND	0.36
-236	Max	17	SLU	0.69
-234	Min.	9	SND	0.36
-231	Max	17	SLU	0.70
-229	Min.	9	SND	0.37
-226	Max	17	SLU	0.72
-224	Min.	9	SND	0.37
-221	Max	17	SLU	0.74
-219	Min.	11	SND	0.22
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-214	Min.	11	SND	0.23
-211	Max	13	SND	0.66
-209	Min.	11	SND	0.25
-206	Max	13	SND	0.66
-204	Min.	11	SND	0.26
-201	Max	13	SND	0.66
-199	Min.	11	SND	0.28
-196	Max	17	SLU	0.66
-194	Min.	11	SND	0.29
-191	Max	17	SLU	0.67
-189	Min.	9	SND	0.29
-186	Max	17	SLU	0.69
-184	Min.	9	SND	0.29
-181	Max	17	SLU	0.70
-179	Min.	9	SND	0.29
-176	Max	15	SND	0.71
-174	Min.	9	SND	0.29
-171	Max	15	SND	0.73
-169	Min.	9	SND	0.29
-166	Max	15	SND	0.76
-164	Min.	11	SND	0.14
-161	Max	13	SND	0.75
-159	Min.	11	SND	0.16
-156	Max	13	SND	0.74
-154	Min.	11	SND	0.18
-151	Max	13	SND	0.74
-149	Min.	11	SND	0.19
-146	Max	13	SND	0.74
-144	Min.	11	SND	0.21
-141	Max	13	SND	0.74
-139	Min.	11	SND	0.22
-136	Max	15	SND	0.75
-134	Min.	9	SND	0.22
-131	Max	15	SND	0.76
-129	Min.	9	SND	0.22
-126	Max	15	SND	0.77
-124	Min.	9	SND	0.22
-121	Max	15	SND	0.79
-119	Min.	9	SND	0.22
-116	Max	15	SND	0.81
-114	Min.	9	SND	0.22
-111	Max	15	SND	0.84
-109	Min.	11	SND	0.06
-106	Max	13	SND	0.83
-104	Min.	11	SND	0.08
-101	Max	13	SND	0.82
-99	Min.	11	SND	0.10
-96	Max	13	SND	0.82
-94	Min.	11	SND	0.12

-343	Max	17	SLU	0.70
-341	Min.	3	SND	0.44
-338	Max	17	SLU	0.71
-336	Min.	3	SND	0.43
-333	Max	17	SLU	0.73
-331	Min.	3	SND	0.43
-328	Max	17	SLU	0.63
-326	Min.	5	SND	0.36
-323	Max	17	SLU	0.63
-321	Min.	5	SND	0.38
-318	Max	17	SLU	0.63
-316	Min.	11	SND	0.40
-313	Max	17	SLU	0.64
-311	Min.	11	SND	0.41
-308	Max	17	SLU	0.65
-306	Min.	11	SND	0.42
-303	Max	17	SLU	0.66
-301	Min.	9	SND	0.43
-298	Max	17	SLU	0.67
-296	Min.	9	SND	0.43
-293	Max	17	SLU	0.69
-291	Min.	9	SND	0.44
-288	Max	17	SLU	0.70
-286	Min.	1	SND	0.43
-283	Max	17	SLU	0.71
-281	Min.	1	SND	0.43
-278	Max	17	SLU	0.73
-276	Min.	1	SND	0.42
-273	Max	17	SLU	0.63
-271	Min.	11	SND	0.30
-268	Max	17	SLU	0.63
-266	Min.	11	SND	0.31
-263	Max	17	SLU	0.64
-261	Min.	11	SND	0.33
-258	Max	17	SLU	0.64
-256	Min.	11	SND	0.34
-253	Max	17	SLU	0.66
-251	Min.	11	SND	0.35
-248	Max	17	SLU	0.67
-246	Min.	9	SND	0.36
-243	Max	17	SLU	0.68
-241	Min.	9	SND	0.36
-238	Max	17	SLU	0.69
-236	Min.	9	SND	0.36
-233	Max	17	SLU	0.70
-231	Min.	9	SND	0.37
-228	Max	17	SLU	0.71
-226	Min.	9	SND	0.37
-223	Max	17	SLU	0.73
-221	Min.	9	SND	0.37
-218	Max	13	SND	0.67
-216	Min.	11	SND	0.23
-213	Max	13	SND	0.67
-211	Min.	11	SND	0.24
-208	Max	13	SND	0.66
-206	Min.	11	SND	0.26
-203	Max	13	SND	0.66
-201	Min.	11	SND	0.27
-198	Max	13	SND	0.66
-196	Min.	11	SND	0.28
-193	Max	17	SLU	0.67
-191	Min.	9	SND	0.29
-188	Max	17	SLU	0.68
-186	Min.	9	SND	0.29
-183	Max	17	SLU	0.69
-181	Min.	9	SND	0.29
-178	Max	15	SND	0.71
-176	Min.	9	SND	0.29
-173	Max	15	SND	0.72
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-168	Max	15	SND	0.75
-166	Min.	9	SND	0.30
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-153	Max	13	SND	0.74
-151	Min.	11	SND	0.19
-148	Max	13	SND	0.74
-146	Min.	11	SND	0.20
-143	Max	13	SND	0.74
-141	Min.	11	SND	0.21
-138	Max	15	SND	0.74
-136	Min.	9	SND	0.22
-133	Max	15	SND	0.75
-131	Min.	9	SND	0.22
-128	Max	15	SND	0.77
-126	Min.	9	SND	0.22
-123	Max	15	SND	0.78
-121	Min.	9	SND	0.22
-118	Max	15	SND	0.80
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-113	Max	15	SND	0.83
-111	Min.	9	SND	0.22
-108	Max	13	SND	0.83
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-103	Max	13	SND	0.82
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-98	Max	13	SND	0.82
-96	Min.	11	SND	0.11
-93	Max	13	SND	0.82

-93	Min.	11	SND	0.12	-92	Max	13	SND	0.82	-92	Min.	11	SND	0.13	-91	Max	13	SND	0.82	-91	Min.	11	SND	0.13
-90	Max	13	SND	0.82	-90	Min.	11	SND	0.13	-89	Max	13	SND	0.82	-89	Min.	11	SND	0.13	-88	Max	13	SND	0.82
-88	Min.	11	SND	0.14	-87	Max	13	SND	0.82	-87	Min.	11	SND	0.14	-86	Max	13	SND	0.82	-86	Min.	11	SND	0.14
-85	Max	13	SND	0.82	-85	Min.	11	SND	0.15	-84	Max	13	SND	0.82	-84	Min.	11	SND	0.15	-83	Max	15	SND	0.82
-83	Min.	9	SND	0.15	-82	Max	15	SND	0.82	-82	Min.	9	SND	0.15	-81	Max	15	SND	0.82	-81	Min.	9	SND	0.15
-80	Max	15	SND	0.83	-80	Min.	9	SND	0.15	-79	Max	15	SND	0.83	-79	Min.	9	SND	0.15	-78	Max	15	SND	0.83
-78	Min.	9	SND	0.15	-77	Max	15	SND	0.84	-77	Min.	9	SND	0.15	-76	Max	15	SND	0.84	-76	Min.	9	SND	0.15
-75	Max	15	SND	0.84	-75	Min.	9	SND	0.15	-74	Max	15	SND	0.84	-74	Min.	9	SND	0.15	-73	Max	15	SND	0.85
-73	Min.	9	SND	0.15	-72	Max	15	SND	0.85	-72	Min.	9	SND	0.15	-71	Max	15	SND	0.85	-71	Min.	9	SND	0.15
-70	Max	15	SND	0.86	-70	Min.	9	SND	0.15	-69	Max	15	SND	0.86	-69	Min.	9	SND	0.15	-68	Max	15	SND	0.86
-68	Min.	9	SND	0.15	-67	Max	15	SND	0.87	-67	Min.	9	SND	0.15	-66	Max	15	SND	0.87	-66	Min.	9	SND	0.15
-65	Max	15	SND	0.88	-65	Min.	9	SND	0.15	-64	Max	15	SND	0.88	-64	Min.	9	SND	0.15	-63	Max	15	SND	0.88
-63	Min.	9	SND	0.15	-62	Max	15	SND	0.89	-62	Min.	9	SND	0.15	-61	Max	15	SND	0.89	-61	Min.	9	SND	0.14
-60	Max	15	SND	0.90	-60	Min.	9	SND	0.14	-59	Max	15	SND	0.90	-59	Min.	9	SND	0.14	-58	Max	15	SND	0.90
-58	Min.	9	SND	0.14	-57	Max	15	SND	0.91	-57	Min.	9	SND	0.14	-56	Max	15	SND	0.91	-56	Min.	9	SND	0.14
-55	Max	13	SND	0.91	-55	Min.	11	SND	-0.02	-54	Max	13	SND	0.91	-54	Min.	11	SND	-0.01	-53	Max	13	SND	0.91
-53	Min.	11	SND	-0.01	-52	Max	13	SND	0.91	-52	Min.	11	SND	-0.00	-51	Max	13	SND	0.91	-51	Min.	11	SND	-0.00
-50	Max	13	SND	0.90	-50	Min.	11	SND	0.00	-49	Max	13	SND	0.90	-49	Min.	11	SND	0.01	-48	Max	13	SND	0.90
-48	Min.	11	SND	0.01	-47	Max	13	SND	0.90	-47	Min.	11	SND	0.02	-46	Max	13	SND	0.90	-46	Min.	11	SND	0.02
-45	Max	13	SND	0.90	-45	Min.	11	SND	0.02	-44	Max	13	SND	0.90	-44	Min.	11	SND	0.03	-43	Max	13	SND	0.90
-43	Min.	11	SND	0.03	-42	Max	13	SND	0.90	-42	Min.	11	SND	0.04	-41	Max	13	SND	0.90	-41	Min.	11	SND	0.04
-40	Max	13	SND	0.90	-40	Min.	11	SND	0.04	-39	Max	13	SND	0.90	-39	Min.	11	SND	0.05	-38	Max	13	SND	0.90
-38	Min.	11	SND	0.05	-37	Max	13	SND	0.90	-37	Min.	11	SND	0.05	-36	Max	13	SND	0.90	-36	Min.	11	SND	0.06
-35	Max	13	SND	0.90	-35	Min.	11	SND	0.06	-34	Max	13	SND	0.90	-34	Min.	11	SND	0.06	-33	Max	13	SND	0.90
-33	Min.	11	SND	0.07	-32	Max	13	SND	0.90	-32	Min.	11	SND	0.07	-31	Max	13	SND	0.90	-31	Min.	11	SND	0.07
-30	Max	13	SND	0.90	-30	Min.	11	SND	0.07	-29	Max	13	SND	0.90	-29	Min.	11	SND	0.08	-28	Max	15	SND	0.90
-28	Min.	9	SND	0.08	-27	Max	15	SND	0.90	-27	Min.	9	SND	0.08	-26	Max	15	SND	0.90	-26	Min.	9	SND	0.08
-25	Max	15	SND	0.91	-25	Min.	9	SND	0.08	-24	Max	15	SND	0.91	-24	Min.	9	SND	0.08	-23	Max	15	SND	0.91
-23	Min.	9	SND	0.08	-22	Max	15	SND	0.91	-22	Min.	9	SND	0.08	-21	Max	15	SND	0.92	-21	Min.	9	SND	0.08
-20	Max	15	SND	0.92	-20	Min.	9	SND	0.08	-19	Max	15	SND	0.92	-19	Min.	9	SND	0.08	-18	Max	15	SND	0.93
-18	Min.	9	SND	0.08	-17	Max	15	SND	0.93	-17	Min.	9	SND	0.08	-16	Max	15	SND	0.93	-16	Min.	9	SND	0.08
-15	Max	15	SND	0.94	-15	Min.	9	SND	0.08	-14	Max	15	SND	0.94	-14	Min.	9	SND	0.08	-13	Max	15	SND	0.94
-13	Min.	9	SND	0.08	-12	Max	15	SND	0.95	-12	Min.	9	SND	0.08	-11	Max	15	SND	0.95	-11	Min.	9	SND	0.08
-10	Max	15	SND	0.96	-10	Min.	9	SND	0.07	-9	Max	15	SND	0.96	-9	Min.	9	SND	0.07	-8	Max	15	SND	0.96
-8	Min.	9	SND	0.07	-7	Max	15	SND	0.97	-7	Min.	9	SND	0.07	-6	Max	15	SND	0.97	-6	Min.	9	SND	0.07
-5	Max	15	SND	0.97	-5	Min.	9	SND	0.07	-4	Max	15	SND	0.98	-4	Min.	9	SND	0.07	-3	Max	15	SND	0.98
-3	Min.	9	SND	0.06	-2	Max	15	SND	0.99	-2	Min.	9	SND	0.06	-1	Max	15	SND	0.99	-1	Min.	9	SND	0.06

Sollecitazioni elementi bidimensionali
Simbologia
σ_{xx} = Tensione normale sulle facce perp. all'asse X
σ_{zz} = Tensione normale sulle facce perp. all'asse Z
τ_{xy} = Tensione in dir. Y sulle facce perp. all'asse X
τ_{xz} = Tensione in dir. Z sulle facce perp. all'asse X
τ_{zy} = Tensione in dir. Y sulle facce perp. all'asse Z
Bid. = Numero del muro/elemento bidimensionale
CC = Numero della combinazione delle condizioni di carico elementari
Mxx = Momento che provoca variazione di tensione sulle facce perp. all'asse X
Mxz = Momento che provoca variazione di tensione tangenziale sulle facce perp. all'asse X
Mzz = Momento che provoca variazione di tensione sulle facce perp. all'asse Z
Nodo = Numero del nodo
TCC = Tipo di combinazione di carico
SLU = Stato limite ultimo
SLE R = Stato limite d'esercizio, combinazione rara
SLE F = Stato limite d'esercizio, combinazione frequente
SLE Q = Stato limite d'esercizio, combinazione quasi permanente
SLD = Stato limite di danno
SND = Stato limite di salvaguardia della vita (non dissipativo)

Bid. 7

	CC	TCC	Nodo	Min.	CC	TCC	Nodo	Max		CC	TCC	Nodo	Min.	CC	TCC	Nodo	Max
σ_{xx} <daN/mq>	1	SND	-155	0	1	SND	-185	0	σ_{zz} <daN/mq>	1	SND	-563	0	1	SND	-621	0
τ_{xz} <daN/mq>	1	SND	-446	0	1	SND	-184	0	Mxx <daNm/m>	17	SLU	-337	-2165	17	SLU	-278	2894
Mzz <daNm/m>	17	SLU	-348	-9189	15	SND	-576	7225	Mxz <daNm/m>	15	SND	-498	-3147	11	SND	-168	3112
τ_{zy} <daN/mq>	17	SLU	-124	-20832	17	SLU	-618	21881	τ_{xy} <daN/mq>	17	SLU	-332	-18279	17	SLU	-384	14915

Bid. 8

	CC	TCC	Nodo	Min.	CC	TCC	Nodo	Max		CC	TCC	Nodo	Min.	CC	TCC	Nodo	Max
σ_{xx} <daN/mq>	13	SND	-1882	-76385	11	SND	-1880	72869	σ_{zz} <daN/mq>	17	SLU	-794	-49699	13	SND	-788	24790
τ_{xz} <daN/mq>	9	SND	-789	-28124	11	SND	-838	28759	Mxx <daNm/m>	15	SND	-812	-740	11	SND	-635	394
Mzz <daNm/m>	15	SND	-811	-7419	11	SND	-814	3968	Mxz <daNm/m>	9	SND	-1161	-509	15	SND	-1869	572
τ_{zy} <daN/mq>	11	SND	-1310	-19325	15	SND	-811	21670	τ_{xy} <daN/mq>	15	SND	-1287	-4651	15	SND	-912	4967

Bid. 9

	CC	TCC	Nodo	Min.	CC	TCC	Nodo	Max		CC	TCC	Nodo	Min.	CC	TCC	Nodo	Max
σ_{xx} <daN/mq>	3	SND	-1547	-7891	15	SND	-787	8627	σ_{zz} <daN/mq>	17	SLU	-777	-50442	15	SND	-787	32183
τ_{xz} <daN/mq>	11	SND	-1145	-35517	15	SND	-903	35479	Mxx <daNm/m>	17	SLU	-1600	-272	11	SND	-1281	339
Mzz <daNm/m>	17	SLU	-775	-2005	17	SLU	-895	195	Mxz <daNm/m>	11	SND	-167	-438	15	SND	-1267	445
τ_{zy} <daN/mq>	17	SLU	-1600	-9634	17	SLU	-777	14610	τ_{xy} <daN/mq>	17	SLU	-1279	-2873	17	SLU	-1269	2730

Bid. 10

	CC	TCC	Nodo	Min.	CC	TCC	Nodo	Max		CC	TCC	Nodo	Min.	CC	TCC	Nodo	Max
σ_{xx} <daN/mq>	5	SND	-1272	-11371	13	SND	-659	7033	σ_{zz} <daN/mq>	17	SLU	-329	-40885	13	SND	-786	29249
τ_{xz} <daN/mq>	13	SND	-1150	-31842	9	SND	-1146	31791	Mxx <daNm/m>	17	SLU	-776	-214	13	SND	-963	162
Mzz <daNm/m>	17	SLU	-776	-1895	17	SLU	-1024	352	Mxz <daNm/m>	15	SND	-1156	-359	9	SND	-274	358
τ_{zy} <daN/mq>	17	SLU	-1274	-7762	17	SLU	-778	14915	τ_{xy} <daN/mq>	17	SLU	-1211	-4095	17	SLU	-1016	3474

Bid. 11

	CC	TCC	Nodo	Min.	CC	TCC	Nodo	Max		CC	TCC	Nodo	Min.	CC	TCC	Nodo	Max
σ_{xx} <daN/mq>	9	SND	-1353	-76468	15	SND	-1352	72700	σ_{zz} <daN/mq>	17	SLU	-723	-49644	9	SND	-57	23412
τ_{xz} <daN/mq>	15	SND	-766	-29192	13	SND	-59	28047	Mxx <daNm/m>	11	SND	-741	-741	15	SND	-85	394
Mzz <daNm/m>	11	SND	-81	-7426	15	SND	-84	3970	Mxz <daNm/m>	11	SND	-1216	-572	13	SND	-966	506
τ_{zy} <daN/mq>	15	SND	-1239	-19312	11	SND	-80	21684	τ_{xy} <daN/mq>	11	SND	-716	-5059	11	SND	-1337	4852

Bid. 12

	CC	TCC	Nodo	Min.	CC	TCC	Nodo	Max		CC	TCC	Nodo	Min.	CC	TCC	Nodo	Max
σ_{xx} <daN/mq>	13	SND	-1878	-77457	11	SND	-1827	77743	σ_{zz} <daN/mq>	13	SND	-1536	-19239	13	SND	-1588	7214
τ_{xz} <daN/mq>	15	SND	-1653	-28623	9	SND	-1547	28695	Mxx <daNm/m>	17	SLU	-1601	-1838	17	SLU	-1606	1671
Mzz <daNm/m>	11	SND	-1840	-6294	17	SLU	-1613	4262	Mxz <daNm/m>	17	SLU	-1444	-1281	17	SLU	-1763	1262
τ_{zy} <daN/mq>	17	SLU	-1876	-27754	17	SLU	-1348	25870	τ_{xy} <daN/mq>	17	SLU	-1869	-13059	17	SLU	-1548	12839

Verifiche e armature solette/platee

Simbologia

Λ_{sm} = Distanza media tra le fessure
Φ_{eq} = Diametro equivalente delle barre
ε_{sm} = Deformazione unitaria media dell'armatura (*1000)
σ_c = Tensione nel calcestruzzo
σ_f = Tensione nel ferro
σ_s = Tensione nell'acciaio nella sezione fessurata
$A_{c\ eff}$ = Area di calcestruzzo efficace
A_s = Area complessiva dei ferri nell'area di calcestruzzo efficace
AfE I = Area di ferro effettiva totale presente nel punto di verifica, inferiore
AfE S = Area di ferro effettiva totale presente nel punto di verifica, superiore
AfE St. = Area di ferro effettiva della staffatura
CC = Numero della combinazione delle condizioni di carico elementari
Cf inf = Copriferro inferiore
Cf sup = Copriferro superiore
Cls = Tipo di calcestruzzo
DV = Direzione di verifica
  XX = Verifica per momento Mxx
  YY = Verifica per momento Myy
Fcd = Resistenza di calcolo a compressione del calcestruzzo
Fck = Resistenza caratteristica cilindrica a compressione del calcestruzzo
Fctd = Resistenza di calcolo a trazione del calcestruzzo
Fctk = Resistenza caratteristica a trazione del calcestruzzo
Fyd = Resistenza di calcolo dell'acciaio
Fyk = Tensione caratteristica di snervamento dell'acciaio
K_2 = Coefficiente per distribuzione deformazioni
M'ydy = Momento resistente massimo in campo sostanzialmente elastico intorno all'asse Y
MRdy = Momento resistente allo stato limite ultimo intorno all'asse Y
Mom = Momento flettente
My = Momento flettente intorno all'asse Y
Nodo = Numero del nodo
Sic. = Sicurezza
Spess. = Spessore
TCC = Tipo di combinazione di carico
  SLU = Stato limite ultimo
  SLE R = Stato limite d'esercizio, combinazione rara
  SLE F = Stato limite d'esercizio, combinazione frequente
  SLE Q = Stato limite d'esercizio, combinazione quasi permanente
  SLD = Stato limite di danno
  SND = Stato limite di salvaguardia della vita (non dissipativo)
Tp = Tipo di acciaio
VRcd = Taglio ultimo lato calcestruzzo
VRsd = Taglio ultimo lato armatura
Vrdu = Taglio ultimo resistente
Vsdu = Taglio agente nella direzione del momento ultimo
Wk = Ampiezza caratteristica delle fessure
X = Coordinata X del nodo
Y = Coordinata Y del nodo
c = Ricoprimento dell'armatura
ctgθ = Cotangente dell'angolo di inclinazione dei puntoni di calcestruzzo
s = Distanza massima tra le barre

Armatura platea a quota 0.00

Caratteristiche delle sezioni e dei materiali utilizzati

Spess. <cm>	Cf sup <cm>	Cf inf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Tp	Fyk <daN/cmq>	Fyd <daN/cmq>
50.00	3.50	3.50	C32/40	332.00	21.69	188.13	14.46	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/pressoflessione

Nodo	X <m>	Y <m>	DV	CC	TCC	AfE S <cmq>	AfE I <cmq>	My <daNm>	MRdy <daNm>	Sic.
-337	1.32	3.50	XX	17	SLU	7.70	7.70	-2101.51	-13950.30	6.638
-332	-1.10	3.50	XX	17	SLU	7.70	7.70	1882.41	13950.30	7.411
-348	6.64	3.50	YY	17	SLU	7.70	7.70	-8942.78	-13950.30	1.560
-652	21.00	5.60	YY	17	SLU	7.70	7.70	1533.56	13950.30	9.097

Stato limite elastico - Verifiche a flessione/pressoflessione

Nodo	X <m>	Y <m>	DV	CC	TCC	AfE S <cmq>	AfE I <cmq>	My <daNm>	M'ydy <daNm>	Sic.
-337	1.32	3.50	XX	5	SND	7.70	7.70	-1889.61	-13172.80	6.971
-387	-1.10	4.00	XX	11	SND	7.70	7.70	1452.92	13172.80	9.066
-242	8.58	2.50	YY	15	SND	7.70	7.70	-7958.61	-13172.80	1.655
-577	11.00	5.30	YY	15	SND	7.70	7.70	6057.26	13172.80	2.175

Stato limite ultimo - Verifiche a taglio

Nodo	X <m>	Y <m>	DV	CC	TCC	AfE S <cmq>	AfE I <cmq>	AfE St. <cmq/m>	Vsdu <daN>	ctgθ	VRcd <daN>	VRsd <daN>	Vrdu <daN>	Sic.
-333	-0.62	3.50	XX	17	SLU	7.70	7.70		7626.47				19980.80	2.620
-333	-0.62	3.50	XX	5	SND	7.70	7.70		6298.90				19980.80	3.172
-563	4.22	5.30	YY	17	SLU	7.70	7.70		10156.70				19980.80	1.967
-560	2.77	5.30	YY	5	SND	7.70	7.70		8107.88				19980.80	2.464

Stato limite d'esercizio - Verifiche tensionali

Nodo	X <m>	Y <m>	DV	CC	TCC	AfE S <cmq>	AfE I <cmq>	Mom <daNm>	σ_c <daN/cmq>	σ_f <daN/cmq>
-337	1.32	3.50	XX	18	SLE R	7.70	7.70	-1487.87	6.80	444.15
-337	1.32	3.50	XX	20	SLE Q	7.70	7.70	-1464.65	6.69	437.22
-332	-1.10	3.50	XX	18	SLE R	7.70	7.70	1311.17	5.99	391.40
-332	-1.10	3.50	XX	20	SLE Q	7.70	7.70	1298.21	5.93	387.53
-348	6.64	3.50	YY	18	SLE R	7.70	7.70	-6335.06	28.94	1891.10

-348	6.64	3.50	YY	20	SLE Q	7.70	7.70	-6227.31	28.45	1858.93
-613	1.80	5.60	YY	18	SLE R	7.70	7.70	1056.70	4.83	315.44
-613	1.80	5.60	YY	20	SLE Q	7.70	7.70	1053.13	4.81	314.37

Stato limite d'esercizio - Verifiche a fessurazione

Nodo	X <m>	Y <m>	DV	CC	TCC	c <mm>	s <mm>	K_2	Φ_{eq}	Δ_{sm} <mm>	A_s <cmq>	$A_{c\ eff}$ <cmq>	σ_s <daN/cmq>	ε_{sm}	Wk <mm>
-337	1.32	3.50	XX	20	SLE Q	28.00	200.00	0.50	14.00	309.89	9.24	875.00	437.22	0.13	0.07
-337	1.32	3.50	XX	19	SLE F	28.00	200.00	0.50	14.00	309.89	9.24	875.00	440.68	0.13	0.07
-332	-1.10	3.50	XX	20	SLE Q	28.00	200.00	0.50	14.00	309.89	9.24	875.00	387.53	0.11	0.06
-332	-1.10	3.50	XX	19	SLE F	28.00	200.00	0.50	14.00	309.89	9.24	875.00	389.47	0.11	0.06
-348	6.64	3.50	YY	20	SLE Q	28.00	200.00	0.50	14.00	309.89	9.24	875.00	1858.93	0.54	0.29
-348	6.64	3.50	YY	19	SLE F	28.00	200.00	0.50	14.00	309.89	9.24	875.00	1875.01	0.55	0.29
-613	1.80	5.60	YY	20	SLE Q	28.00	200.00	0.50	14.00	309.89	9.24	875.00	314.37	0.09	0.05
-613	1.80	5.60	YY	19	SLE F	28.00	200.00	0.50	14.00	309.89	9.24	875.00	314.90	0.09	0.05

Armatura soletta a quota 2.70

Caratteristiche delle sezioni e dei materiali utilizzati

Spess. <cm>	Cf sup <cm>	Cf inf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Tp	Fyk <daN/cmq>	Fyd <daN/cmq>
30.00	3.00	3.00	C32/40	332.00	21.69	188.13	14.46	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/pressoflessione

Nodo	X <m>	Y <m>	DV	CC	TCC	AfE S <cmq>	AfE I <cmq>	My <daNm>	MRdy <daNm>	Sic.
-1606	1.80	3.50	XX	17	SLU	7.70	7.70	1593.60	7983.84	5.010
-1600	-1.10	3.50	XX	17	SLU	7.70	7.70	-1791.82	-7983.84	4.456
-1612	4.71	3.50	YY	17	SLU	7.70	7.70	4090.74	7983.84	1.952
-1877	4.71	5.60	YY	17	SLU	7.70	7.70	-3261.62	-7983.84	2.448

Stato limite elastico - Verifiche a flessione/pressoflessione

Nodo	X <m>	Y <m>	DV	CC	TCC	AfE S <cmq>	AfE I <cmq>	My <daNm>	M'ydy <daNm>	Sic.
-1553	1.80	3.00	XX	9	SND	7.70	7.70	1103.75	7491.58	6.787
-1547	-1.10	3.00	XX	9	SND	7.70	7.70	-1262.49	-7491.58	5.934
-1523	12.50	2.50	YY	9	SND	7.70	7.70	3628.49	7491.58	2.065
-1893	12.50	5.60	YY	11	SND	7.70	7.70	-6278.14	-7491.58	1.193

Stato limite ultimo - Verifiche a taglio

Nodo	X <m>	Y <m>	DV	CC	TCC	AfE S <cmq>	AfE I <cmq>	AfE St. <cmq/m>	Vsdu <daN>	ctgθ	VRcd <daN>	VRsd <daN>	Vrdu <daN>	Sic.
-1601	-0.62	3.50	XX	17	SLU	7.70	7.70		3221.68				13819.80	4.290
-1548	-0.62	3.00	XX	9	SND	7.70	7.70		2333.69				13819.80	5.922
-1824	4.71	5.30	YY	17	SLU	7.70	7.70		7461.17				13819.80	1.852
-1839	12.00	5.30	YY	9	SND	7.70	7.70		6965.19				13819.80	1.984

Stato limite d'esercizio - Verifiche tensionali

Nodo	X <m>	Y <m>	DV	CC	TCC	AfE S <cmq>	AfE I <cmq>	Mom <daNm>	σ_c <daN/cmq>	σ_f <daN/cmq>
-1606	1.80	3.50	XX	18	SLE R	7.70	7.70	1095.23	11.73	575.00
-1606	1.80	3.50	XX	20	SLE Q	7.70	7.70	1076.03	11.53	564.91
-1600	-1.10	3.50	XX	18	SLE R	7.70	7.70	-1242.59	13.31	652.36
-1600	-1.10	3.50	XX	20	SLE Q	7.70	7.70	-1211.54	12.98	636.05
-1612	4.71	3.50	YY	18	SLE R	7.70	7.70	2864.36	30.69	1503.79
-1612	4.71	3.50	YY	20	SLE Q	7.70	7.70	2786.78	29.86	1463.06
-1877	4.71	5.60	YY	18	SLE R	7.70	7.70	-2257.96	24.19	1185.43
-1877	4.71	5.60	YY	20	SLE Q	7.70	7.70	-2202.63	23.60	1156.38

Stato limite d'esercizio - Verifiche a fessurazione

Nodo	X <m>	Y <m>	DV	CC	TCC	c <mm>	s <mm>	K_2	Φ_{eq}	Δ_{sm} <mm>	A_s <cmq>	$A_{c\ eff}$ <cmq>	σ_s <daN/cmq>	ε_{sm}	Wk <mm>
-1606	1.80	3.50	XX	20	SLE Q	23.00	200.00	0.50	14.00	177.54	9.24	750.00	564.91	0.16	0.05
-1606	1.80	3.50	XX	19	SLE F	23.00	200.00	0.50	14.00	177.54	9.24	750.00	569.95	0.17	0.05
-1600	-1.10	3.50	XX	20	SLE Q	23.00	200.00	0.50	14.00	177.54	9.24	750.00	636.05	0.19	0.06
-1600	-1.10	3.50	XX	19	SLE F	23.00	200.00	0.50	14.00	177.54	9.24	750.00	644.21	0.19	0.06
-1612	4.71	3.50	YY	20	SLE Q	23.00	200.00	0.50	14.00	177.54	9.24	750.00	1463.06	0.43	0.13
-1612	4.71	3.50	YY	19	SLE F	23.00	200.00	0.50	14.00	177.54	9.24	750.00	1483.42	0.43	0.13
-1877	4.71	5.60	YY	20	SLE Q	23.00	200.00	0.50	14.00	177.54	9.24	750.00	1156.38	0.34	0.10
-1877	4.71	5.60	YY	19	SLE F	23.00	200.00	0.50	14.00	177.54	9.24	750.00	1170.90	0.34	0.10

Verifiche e armature pareti

Simbologia

Δ_{sm} = Distanza media tra le fessure
Φ_{eq} = Diametro equivalente delle barre
ε_{sm} = Deformazione unitaria media dell'armatura (*1000)
σ_c = Tensione nel calcestruzzo
σ_f = Tensione nel ferro
σ_s = Tensione nell'acciaio nella sezione fessurata
$A_{c\ eff}$ = Area di calcestruzzo efficace
A_s = Area complessiva dei ferri nell'area di calcestruzzo efficace
CC = Numero della combinazione delle condizioni di carico elementari
Cf = Copriferro
Cls = Tipo di calcestruzzo
Fcd = Resistenza di calcolo a compressione del calcestruzzo
Fck = Resistenza caratteristica cilindrica a compressione del calcestruzzo
Fctd = Resistenza di calcolo a trazione del calcestruzzo
Fctk = Resistenza caratteristica a trazione del calcestruzzo
Fyd = Resistenza di calcolo dell'acciaio
Fyk = Tensione caratteristica di snervamento dell'acciaio
K_2 = Coefficiente per distribuzione deformazioni
M'ydy = Momento resistente massimo in campo sostanzialmente elastico intorno all'asse Y
MRdy = Momento resistente allo stato limite ultimo intorno all'asse Y
My = Momento flettente intorno all'asse Y
N = Sforzo normale
Nu = Sforzo normale ultimo
Sez. = Sezione di verifica
Sic. = Sicurezza
Spess. = Spessore

TCC = Tipo di combinazione di carico
SLU = Stato limite ultimo
SLE R = Stato limite d'esercizio, combinazione rara
SLE F = Stato limite d'esercizio, combinazione frequente
SLE Q = Stato limite d'esercizio, combinazione quasi permanente
SLD = Stato limite di danno
SND = Stato limite di salvaguardia della vita (non dissipativo)
Tp = Tipo di acciaio
Ty = Taglio in dir. Y
VRcd = Taglio ultimo lato calcestruzzo
VRsd = Taglio ultimo lato armatura
Vrdu = Taglio ultimo resistente
Vsdu = Taglio agente nella direzione del momento ultimo
Wk = Ampiezza caratteristica delle fessure
Xf = Coordinata X finale
Xi = Coordinata X iniziale
Xv = Coordinata X di verifica
Zona = Zona di verifica
Zv = Coordinata Z di verifica
c = Ricoprimento dell'armatura
s = Distanza massima tra le barre

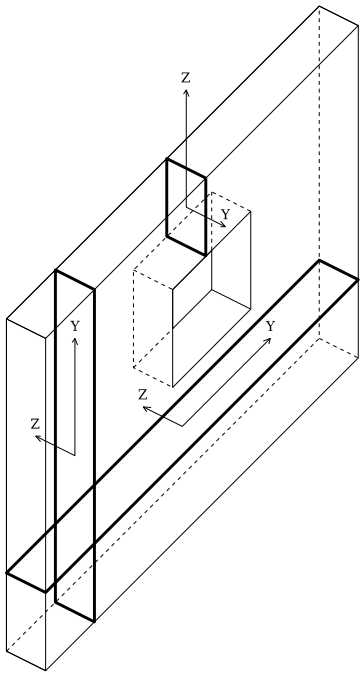


Figura numero 3: Riferimenti sezione

Parete n. 8

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Spess. <cm>	Cf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Tp	Fyk <daN/cmq>	Fyd <daN/cmq>
Oriz.	30.00	4.30	C32/40	332.00	21.69	188.13	14.46	B450C	4500.00	3913.04

Verifiche su sezioni orizzontali
Stato limite ultimo - Verifiche a flessione/pressoflessione

CC	TCC	Zona	Zv <m>	Xi <m>	Xf <m>	N <daN>	My <daNm>	Nu <daN>	MRdy <daNm>	Sic.
17	SLU	Diff.	0.00	0.00	25.60	-325456.00	71673.60	-325456.00	236748.00	3.303
17	SLU	Diff.	1.35	0.00	25.60	-288067.00	23531.90	-288067.00	232517.00	9.881
17	SLU	Diff.	2.70	0.00	25.60	-257524.00	79902.60	-257524.00	229058.00	2.867

Stato limite elastico - Verifiche a flessione/pressoflessione

CC	TCC	Zona	Zv <m>	Xi <m>	Xf <m>	N <daN>	My <daNm>	Nu <daN>	M'ydy <daNm>	Sic.
13	SND	Diff.	0.00	0.00	25.60	-161651.00	158567.00	-161651.00	198166.00	1.250
13	SND	Diff.	1.35	0.00	25.60	-150960.00	18804.70	-150960.00	196928.00	10.472
11	SND	Diff.	2.70	0.00	25.60	-210532.00	130104.00	-210532.00	203824.00	1.567

Stato limite d'esercizio - Verifiche tensionali

CC	TCC	Zona	Zv <m>	Xi <m>	Xf <m>	N <daN>	My <daNm>	σ_c <daN/cmq>	σ_f <daN/cmq>
18	SLE R	Diff.	0.00	0.00	25.60	-229308.00	49289.50	22.77	528.44
20	SLE Q	Diff.	0.00	0.00	25.60	-226206.00	49228.40	22.76	533.89
18	SLE R	Diff.	1.35	0.00	25.60	-200483.00	17649.20	7.15	84.91
20	SLE Q	Diff.	1.35	0.00	25.60	-197325.00	16759.10	6.79	81.36
18	SLE R	Diff.	2.70	0.00	25.60	-176993.00	55876.90	26.45	787.23
20	SLE Q	Diff.	2.70	0.00	25.60	-173817.00	54200.50	25.64	758.57

Stato limite d'esercizio - Verifiche a fessurazione

CC	TCC	Zona	Zv	Xi	Xf	N	My	c	s	K_2	Φ_{eq}	Δ_{sm}	A_s	$A_{c\ eff}$	σ_s	ε_{sm}	Wk

			<m>	<m>	<m>	<daN>	<daNm>	<mm>	<mm>			<mm>	<cmq>	<cmq>	<daN/cmq>		<mm>
20	SLE Q	Diff.	0.00	0.00	25.60	-226206.00	49228.40	37.00	149.21	0.50	12.00	179.15	194.53	17045.00	533.89	0.16	0.05
19	SLE F	Diff.	0.00	0.00	25.60	-227757.00	49258.90	37.00	149.21	0.50	12.00	178.98	194.53	17018.10	531.16	0.15	0.05
20	SLE Q	Diff.	2.70	0.00	25.60	-173817.00	54200.50	37.00	149.21	0.50	12.00	186.41	194.53	18221.80	758.57	0.22	0.07
19	SLE F	Diff.	2.70	0.00	25.60	-175405.00	55038.70	37.00	149.21	0.50	12.00	186.50	194.53	18237.00	772.90	0.23	0.07

Parete n. 9

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Spess. <cm>	Cf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Tp	Fyk <daN/cmq>	Fyd <daN/cmq>
Oriz.	30.00	4.30	C32/40	332.00	21.69	188.13	14.46	B450C	4500.00	3913.04

Verifiche su sezioni orizzontali
Stato limite ultimo - Verifiche a flessione/pressoflessione

CC	TCC	Zona	Zv <m>	Xi <m>	Xf <m>	N <daN>	My <daNm>	Nu <daN>	MRdy <daNm>	Sic.
17	SLU	Diff.	0.00	0.00	4.60	-46579.50	9162.70	-46579.50	35324.00	3.855
17	SLU	Diff.	1.35	0.00	4.60	-37816.30	-599.02	-37816.30	-34326.60	57.304
17	SLU	Diff.	2.70	0.00	4.60	-32274.70	7444.86	-32274.70	33694.90	4.526

Stato limite elastico - Verifiche a flessione/pressoflessione

CC	TCC	Zona	Zv <m>	Xi <m>	Xf <m>	N <daN>	My <daNm>	Nu <daN>	M'ydy <daNm>	Sic.
7	SND	Diff.	0.00	0.00	4.60	-38294.40	6427.91	-38294.40	30853.80	4.800
3	SND	Diff.	1.35	0.00	4.60	-23044.30	-627.32	-23044.30	-29050.90	46.310
7	SND	Diff.	2.70	0.00	4.60	-22389.40	5120.71	-22389.40	28973.30	5.658

Stato limite d'esercizio - Verifiche tensionali

CC	TCC	Zona	Zv <m>	Xi <m>	Xf <m>	N <daN>	My <daNm>	σ_c <daN/cmq>	σ_f <daN/cmq>
18	SLE R	Diff.	0.00	0.00	4.60	-32717.40	6310.32	17.24	401.95
20	SLE Q	Diff.	0.00	0.00	4.60	-32306.60	6277.78	17.17	403.37
18	SLE R	Diff.	1.35	0.00	4.60	-26243.20	-330.93	2.23	31.56
20	SLE Q	Diff.	1.35	0.00	4.60	-25890.90	-364.35	2.25	31.68
18	SLE R	Diff.	2.70	0.00	4.60	-22057.80	5205.75	14.61	405.47
20	SLE Q	Diff.	2.70	0.00	4.60	-21721.70	5051.75	14.15	388.58

Stato limite d'esercizio - Verifiche a fessurazione

CC	TCC	Zona	Zv <m>	Xi <m>	Xf <m>	N <daN>	My <daNm>	c <mm>	s <mm>	K_2	Φ_{eq}	Δ_{sm} <mm>	A_s <cmq>	$A_{c\ eff}$ <cmq>	σ_s <daN/cmq>	ε_{sm}	Wk <mm>
20	SLE Q	Diff.	0.00	0.00	4.60	-32306.60	6277.78	37.00	188.08	0.50	12.00	204.05	28.27	3064.29	403.37	0.12	0.04
19	SLE F	Diff.	0.00	0.00	4.60	-32512.00	6294.05	37.00	188.08	0.50	12.00	203.90	28.27	3060.77	402.65	0.12	0.04
20	SLE Q	Diff.	2.70	0.00	4.60	-21721.70	5051.75	37.00	188.08	0.50	12.00	210.15	28.27	3207.87	388.58	0.11	0.04
19	SLE F	Diff.	2.70	0.00	4.60	-21889.70	5128.75	37.00	188.08	0.50	12.00	210.36	28.27	3212.88	397.02	0.12	0.04

Parete n. 10

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Spess. <cm>	Cf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Tp	Fyk <daN/cmq>	Fyd <daN/cmq>
Oriz.	30.00	4.30	C32/40	332.00	21.69	188.13	14.46	B450C	4500.00	3913.04

Verifiche su sezioni orizzontali
Stato limite ultimo - Verifiche a flessione/pressoflessione

CC	TCC	Zona	Zv <m>	Xi <m>	Xf <m>	N <daN>	My <daNm>	Nu <daN>	MRdy <daNm>	Sic.
17	SLU	Diff.	0.00	0.00	4.60	-38480.80	8627.24	-38480.80	34402.70	3.988
17	SLU	Diff.	1.35	0.00	4.60	-33769.50	-1125.23	-33769.50	-33865.60	30.097
17	SLU	Diff.	2.70	0.00	4.60	-29889.50	4960.43	-29889.50	33423.10	6.738

Stato limite elastico - Verifiche a flessione/pressoflessione

CC	TCC	Zona	Zv <m>	Xi <m>	Xf <m>	N <daN>	My <daNm>	Nu <daN>	M'ydy <daNm>	Sic.
5	SND	Diff.	0.00	0.00	4.60	-20938.80	5788.16	-20938.80	28802.00	4.976
7	SND	Diff.	1.35	0.00	4.60	-20387.20	-982.27	-20387.20	-28736.00	29.255
1	SND	Diff.	2.70	0.00	4.60	-20787.10	3462.88	-20787.10	28783.50	8.312

Stato limite d'esercizio - Verifiche tensionali

CC	TCC	Zona	Zv <m>	Xi <m>	Xf <m>	N <daN>	My <daNm>	σ_c <daN/cmq>	σ_f <daN/cmq>
18	SLE R	Diff.	0.00	0.00	4.60	-27314.20	5948.86	16.54	431.06
20	SLE Q	Diff.	0.00	0.00	4.60	-26910.30	5917.86	16.47	432.77
18	SLE R	Diff.	1.35	0.00	4.60	-23543.80	-682.52	2.51	33.79
20	SLE Q	Diff.	1.35	0.00	4.60	-23194.30	-715.60	2.53	33.90
18	SLE R	Diff.	2.70	0.00	4.60	-20467.00	3548.61	9.51	197.12
20	SLE Q	Diff.	2.70	0.00	4.60	-20131.80	3395.46	9.05	181.26

Stato limite d'esercizio - Verifiche a fessurazione

CC	TCC	Zona	Zv <m>	Xi <m>	Xf <m>	N <daN>	My <daNm>	c <mm>	s <mm>	K_2	Φ_{eq}	Δ_{sm} <mm>	A_s <cmq>	$A_{c\ eff}$ <cmq>	σ_s <daN/cmq>	ε_{sm}	Wk <mm>
20	SLE Q	Diff.	0.00	0.00	4.60	-26910.30	5917.86	37.00	188.08	0.50	12.00	208.45	28.27	3167.96	432.77	0.13	0.04
19	SLE F	Diff.	0.00	0.00	4.60	-27112.30	5933.36	37.00	188.08	0.50	12.00	208.30	28.27	3164.30	431.91	0.13	0.04
20	SLE Q	Diff.	2.70	0.00	4.60	-20131.80	3395.46	37.00	188.08	0.50	12.00	197.60	28.27	2912.26	181.26	0.05	0.02
19	SLE F	Diff.	2.70	0.00	4.60	-20299.40	3472.04	37.00	188.08	0.50	12.00	198.32	28.27	2929.21	189.17	0.06	0.02

Parete n. 11

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Spess. <cm>	Cf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Tp	Fyk <daN/cmq>	Fyd <daN/cmq>
Oriz.	30.00	4.30	C32/40	332.00	21.69	188.13	14.46	B450C	4500.00	3913.04

Verifiche su sezioni orizzontali
Stato limite ultimo - Verifiche a flessione/pressoflessione

CC	TCC	Zona	Zv <m>	Xi <m>	Xf <m>	N <daN>	My <daNm>	Nu <daN>	MRdy <daNm>	Sic.
17	SLU	Diff.	0.00	0.00	25.60	-325198.00	71638.00	-325198.00	236719.00	3.304
17	SLU	Diff.	1.35	0.00	25.60	-287503.00	23570.70	-287503.00	232453.00	9.862
17	SLU	Diff.	2.70	0.00	25.60	-257023.00	80005.20	-257023.00	229002.00	2.862

Stato limite elastico - Verifiche a flessione/pressoflessione

CC	TCC	Zona	Zv <m>	Xi <m>	Xf <m>	N <daN>	My <daNm>	Nu <daN>	M'ydy <daNm>	Sic.
11	SND	Diff.	0.00	0.00	25.60	-161614.00	158435.00	-161614.00	198162.00	1.251
9	SND	Diff.	1.35	0.00	25.60	-150587.00	19078.10	-150587.00	196885.00	10.320
13	SND	Diff.	2.70	0.00	25.60	-210178.00	129681.00	-210178.00	203783.00	1.571

Stato limite d'esercizio - Verifiche tensionali

CC	TCC	Zona	Zv <m>	Xi <m>	Xf <m>	N <daN>	My <daNm>	σ_c <daN/cmq>	σ_f <daN/cmq>
18	SLE R	Diff.	0.00	0.00	25.60	-229120.00	49264.00	22.76	528.32
20	SLE Q	Diff.	0.00	0.00	25.60	-226032.00	49202.10	22.75	533.72
18	SLE R	Diff.	1.35	0.00	25.60	-200077.00	17679.80	7.16	84.98
20	SLE Q	Diff.	1.35	0.00	25.60	-196937.00	16787.50	6.80	81.42
18	SLE R	Diff.	2.70	0.00	25.60	-176632.00	55955.40	26.49	789.77
20	SLE Q	Diff.	2.70	0.00	25.60	-173474.00	54275.40	25.68	761.00

Stato limite d'esercizio - Verifiche a fessurazione

CC	TCC	Zona	Zv <m>	Xi <m>	Xf <m>	N <daN>	My <daNm>	c <mm>	s <mm>	K_2	Φ_{eq}	Δ_{sm} <mm>	A_s <cmq>	$A_{c\ eff}$ <cmq>	σ_s <daN/cmq>	ε_{sm}	Wk <mm>
20	SLE Q	Diff.	0.00	0.00	25.60	-226032.00	49202.10	37.00	149.21	0.50	12.00	179.15	194.53	17046.00	533.72	0.16	0.05
19	SLE F	Diff.	0.00	0.00	25.60	-227576.00	49233.10	37.00	149.21	0.50	12.00	178.99	194.53	17019.30	531.01	0.15	0.05
20	SLE Q	Diff.	2.70	0.00	25.60	-173474.00	54275.40	37.00	149.21	0.50	12.00	186.46	194.53	18230.00	761.00	0.22	0.07
19	SLE F	Diff.	2.70	0.00	25.60	-175053.00	55115.40	37.00	149.21	0.50	12.00	186.55	194.53	18245.30	775.38	0.23	0.07

10.0 RISULTATI STRUTTURE FONDAZIONE TRASFORMATORE MT/AT

10.1 Diagrammi tassi di sfruttamento

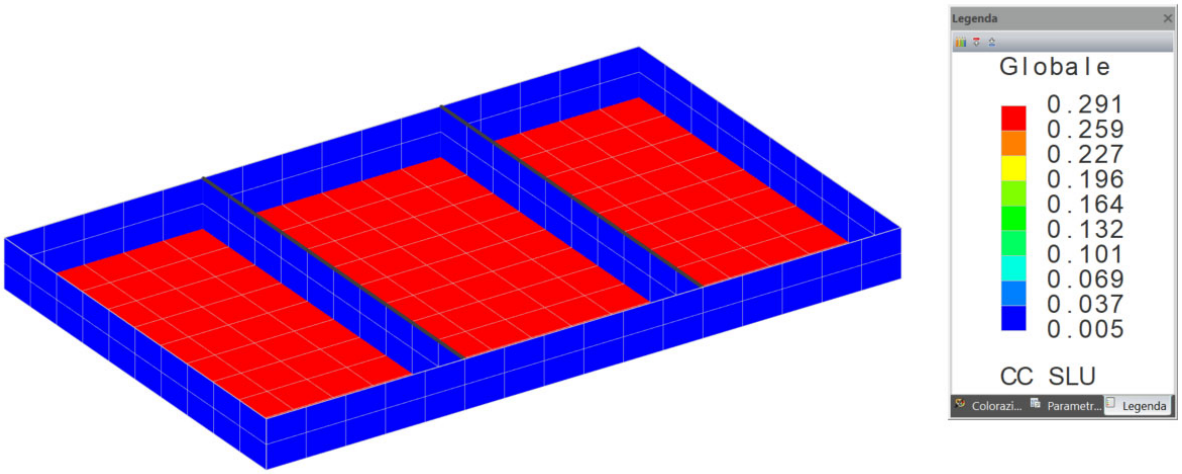
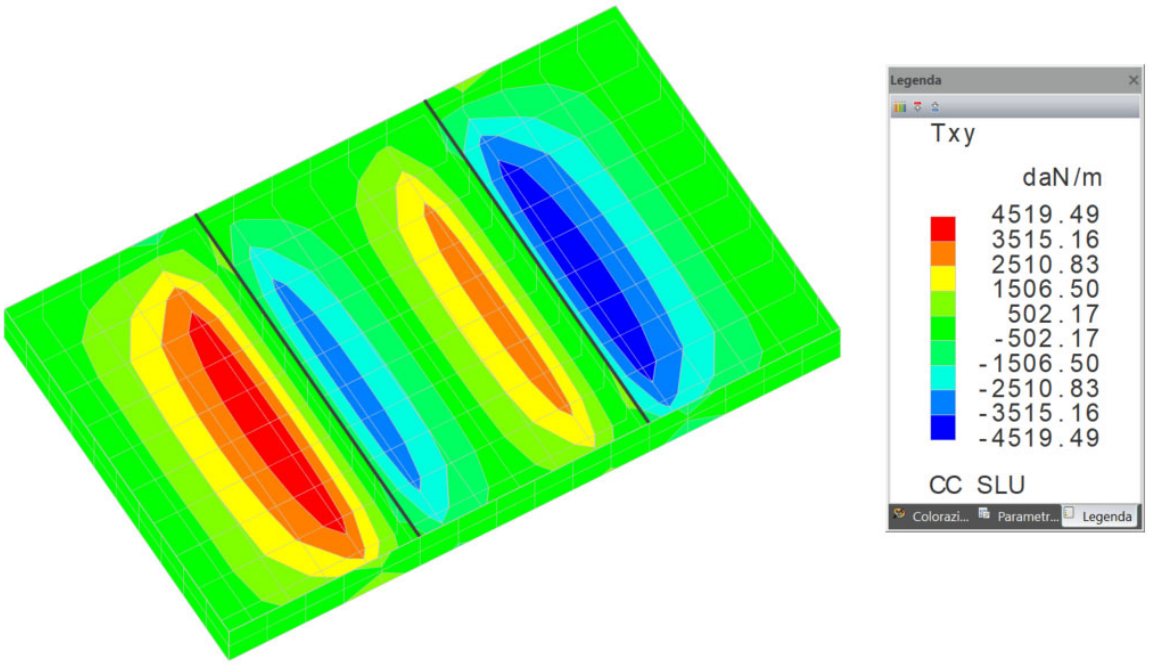


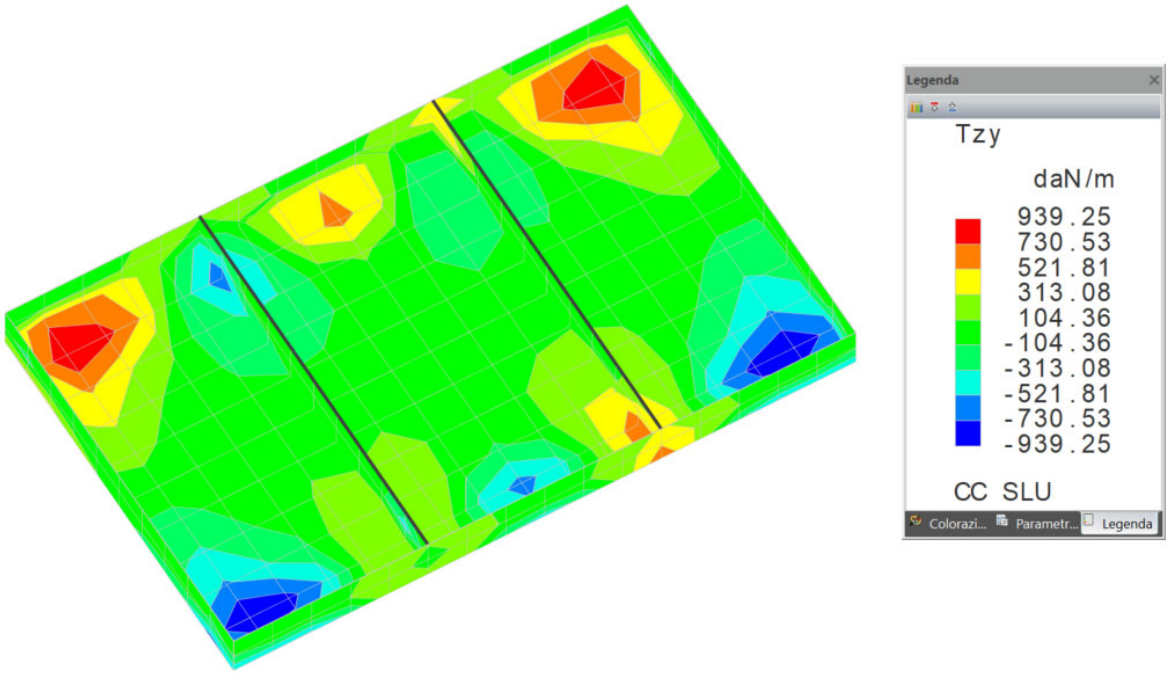
Diagramma tassi di sfruttamento resistenza combo SLU con valore massimo pari a 0,291

Figure 49: Tassi di sfruttamento SLU (Stato limite ultimo)

10.2 Sollecitazioni

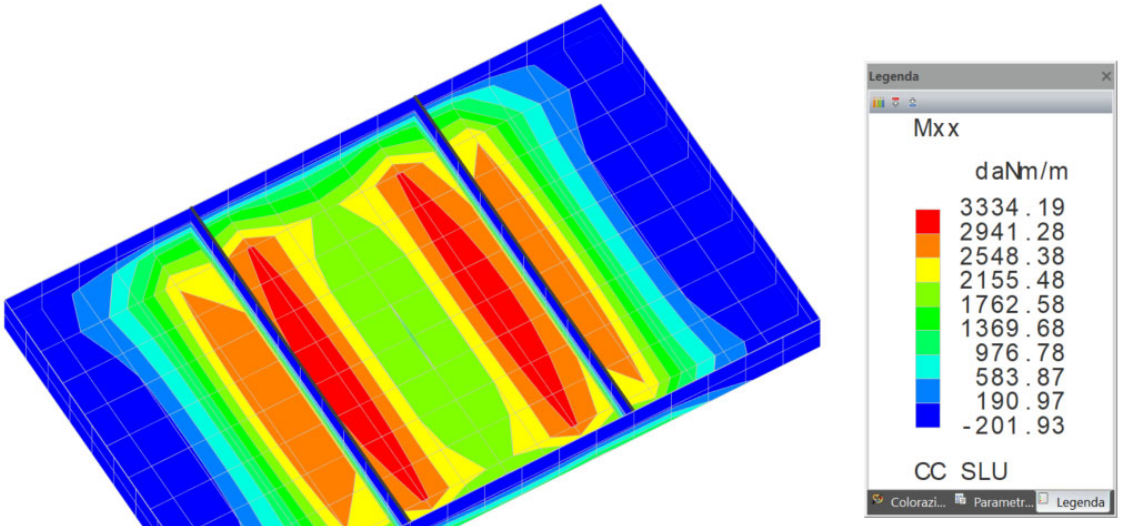


Inviluppo sforzo di taglio in direzione X su faccia con normale Y SLU Tmax = 4519,49 daN/m

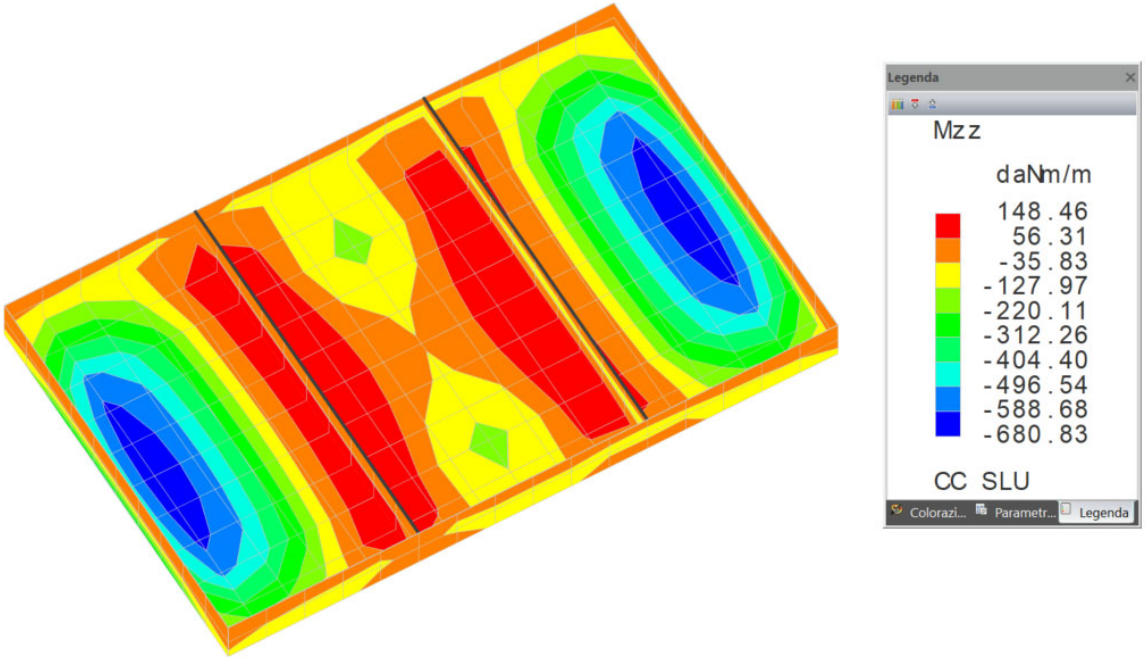


Inviluppo sforzo di taglio in direzione Z su faccia con normale Y SLU Tmax = 939,25 daN/m

Figure 50: Taglio



Inviluppo momento che genera tensioni in direzioni X su facce con normale X SLU Mmax = 3334,19 daN×m/m



Inviluppo momento che genera tensioni in direzioni Z su facce con normale Z SLU Mmax = 680,83 daN×m/m

Figure 51: Momento Flettente

10.3 Tabulati di calcolo

Si riportano i tabulati di calcolo elaborati come output dal programma di calcolo.

Risultati del calcolo

Parametri di calcolo
La modellazione della struttura e la rielaborazione dei risultati del calcolo sono stati effettuati con:
ModeSt ver. 8.28, licenza n. 7279, prodotto da Tecnisoft s.a.s. - Prato
La struttura è stata calcolata utilizzando come solutore agli elementi finiti:
Xfinest ver. 9.5.3, licenza n. 3451, prodotto da Ce.A.S. S.r.l. - Milano

Tipo di normativa: stati limite D.M. 18
Tipo di calcolo: statico
Vincoli esterni: Considera sempre vincoli assegnati in modellazione
Schematizzazione piani rigidi: nessun impalcato rigido
Modalità di recupero masse secondarie: mantenere sul nodo masse e forze relative

Generazione combinazioni

- Lineari: Sì
- Valuta spostamenti e non sollecitazioni: No
- Buckling: No

Opzioni di calcolo

- Sono state considerate infinitamente rigide le zone di connessione fra travi, pilastri ed elementi bidimensionali con una riduzione del 20%
- Calcolo con offset rigidi dai nodi: No
- Uniformare i carichi variabili: No
- Massimizzare i carichi variabili: No
- Recupero carichi zone rigide: taglio e momento flettente

Opzioni del solutore

- Tipo di elemento bidimensionale: QF46
- Calcolo sforzo nei nodi: No
- Trascura deformabilità a taglio delle aste: No
- Analisi dinamica con metodo di Lanczos: Sì
- Check sequenza di Sturm: Sì
- Analisi non lineare con Newton modificato: No
- Usa formulazione secante per buckling: No
- Trascura buckling torsionale: No

Dati struttura

- Edificio esistente: No
- Tipo di opera: Opera ordinaria
- Vita nominale V_N: 50.00
- Classe d'uso: Classe II
- Forze orizzontali convenzionali per stati limite non sismici: No
- Genera stati limite per verifiche di resistenza al fuoco: No

Ambienti di carico
Simbologia
N =Numero
Comm. =Commento
1 =G1 - permanenti strutturali
2 =G2 - permanenti non strutturali
3 =Q - Variabili cat.E
F =azioni orizzontali convenzionali
SLU =Stato limite ultimo
SLR =Stato limite per combinazioni rare
SLF =Stato limite per combinazioni frequenti
SLQ/D =Stato limite per combinazioni quasi permanenti o di danno
S = Sì
N = No

N	Comm.	1	2	3	SLU	SLR	SLF	SLQ
1	Calcolo statico	S	S	S	S	S	S	S

Elenco combinazioni di carico simboliche

Simbologia
CC =Numero della combinazione delle condizioni di carico elementari
Comm. =Commento
TCC =Tipo di combinazione di carico
SLU = Stato limite ultimo
SLE R = Stato limite d'esercizio, combinazione rara
SLE F = Stato limite d'esercizio, combinazione frequente
SLE Q = Stato limite d'esercizio, combinazione quasi permanente

CC	Comm.	TCC	1	2	3
1	Amb. 1 (SLU)	SLU	γ max	γ max	γ max
2	Amb. 1 (SLE R)	SLE R	1	1	1
3	Amb. 1 (SLE F)	SLE F	1	1	ψ_1
4	Amb. 1 (SLE Q)	SLE Q	1	1	ψ_2

Genera le combinazioni con un solo carico di tipo variabile come di base: Sì

Considera sollecitazioni dinamiche con segno dei modi principali: No

Combinazioni delle CCE

Simbologia
An. =Tipo di analisi
L = Lineare
NL = Non lineare
Bk =Buckling

S = Sì
N = No
CC = Numero della combinazione delle condizioni di carico elementari
Comm. = Commento
TCC = Tipo di combinazione di carico
SLU = Stato limite ultimo
SLE R = Stato limite d'esercizio, combinazione rara
SLE F = Stato limite d'esercizio, combinazione frequente
SLE Q = Stato limite d'esercizio, combinazione quasi permanente

CC	Comm.	TCC	An.	Bk	1	2	3
1	Amb. 1 (SLU)	SLU	L	N	1.30	1.50	1.50
2	Amb. 1 (SLE R)	SLE R	L	N	1.00	1.00	1.00
3	Amb. 1 (SLE F)	SLE F	L	N	1.00	1.00	0.90
4	Amb. 1 (SLE Q)	SLE Q	L	N	1.00	1.00	0.80

Tensioni sul terreno

Simbologia
σ_t = Tensione sul terreno
CC = Numero della combinazione delle condizioni di carico elementari
Nodo = Numero del nodo
TCC = Tipo di combinazione di carico
SLU = Stato limite ultimo
SLE R = Stato limite d'esercizio, combinazione rara
SLE F = Stato limite d'esercizio, combinazione frequente
SLE Q = Stato limite d'esercizio, combinazione quasi permanente

Nodo		CC	TCC	σ_t <daN/cmq>
-493	Max	1	SLU	0.54
-491	Min.	4	SLE Q	0.38
-483	Max	1	SLU	0.56
-481	Min.	4	SLE Q	0.39
-476	Max	1	SLU	0.56
-474	Min.	4	SLE Q	0.39
-466	Max	1	SLU	0.54
-464	Min.	4	SLE Q	0.37
-456	Max	1	SLU	0.55
-454	Min.	4	SLE Q	0.39
-451	Max	1	SLU	0.56
-447	Min.	4	SLE Q	0.39
-444	Max	1	SLU	0.55
-437	Min.	4	SLE Q	0.38
-434	Max	1	SLU	0.54
-427	Min.	4	SLE Q	0.38
-424	Max	1	SLU	0.56
-422	Min.	4	SLE Q	0.39
-417	Max	1	SLU	0.55
-415	Min.	4	SLE Q	0.38
-407	Max	1	SLU	0.54
-405	Min.	4	SLE Q	0.38
-397	Max	1	SLU	0.55
-395	Min.	4	SLE Q	0.39
-390	Max	1	SLU	0.56
-388	Min.	4	SLE Q	0.39
-385	Max	1	SLU	0.54
-378	Min.	4	SLE Q	0.37
-375	Max	1	SLU	0.54
-368	Min.	4	SLE Q	0.39
-365	Max	1	SLU	0.56
-361	Min.	4	SLE Q	0.39
-358	Max	1	SLU	0.55
-356	Min.	4	SLE Q	0.38
-348	Max	1	SLU	0.53
-346	Min.	4	SLE Q	0.38
-338	Max	1	SLU	0.55
-336	Min.	4	SLE Q	0.39
-331	Max	1	SLU	0.56
-329	Min.	4	SLE Q	0.39
-321	Max	1	SLU	0.54
-145	Min.	4	SLE Q	0.37
-137	Max	1	SLU	0.55
-135	Min.	4	SLE Q	0.39
-132	Max	1	SLU	0.56
-128	Min.	4	SLE Q	0.39
-125	Max	1	SLU	0.55
-118	Min.	4	SLE Q	0.38
-115	Max	1	SLU	0.54
-108	Min.	4	SLE Q	0.38
-105	Max	1	SLU	0.56
-103	Min.	4	SLE Q	0.39
-98	Max	1	SLU	0.55
-96	Min.	4	SLE Q	0.38
-88	Max	1	SLU	0.53
-86	Min.	4	SLE Q	0.38
-78	Max	1	SLU	0.55
-76	Min.	4	SLE Q	0.39
-71	Max	1	SLU	0.56
-69	Min.	4	SLE Q	0.39
-66	Max	1	SLU	0.54
-59	Min.	4	SLE Q	0.37
-56	Max	1	SLU	0.54
-49	Min.	4	SLE Q	0.39
-46	Max	1	SLU	0.56
-42	Min.	4	SLE Q	0.39
-39	Max	1	SLU	0.55
-37	Min.	4	SLE Q	0.38
-29	Max	1	SLU	0.54
-27	Min.	4	SLE Q	0.38
-19	Max	1	SLU	0.56

Nodo		CC	TCC	σ_t <daN/cmq>
-493	Min.	4	SLE Q	0.38
-485	Max	1	SLU	0.55
-483	Min.	4	SLE Q	0.39
-480	Max	1	SLU	0.56
-476	Min.	4	SLE Q	0.39
-473	Max	1	SLU	0.55
-466	Min.	4	SLE Q	0.38
-463	Max	1	SLU	0.54
-456	Min.	4	SLE Q	0.38
-453	Max	1	SLU	0.56
-451	Min.	4	SLE Q	0.39
-446	Max	1	SLU	0.55
-444	Min.	4	SLE Q	0.38
-436	Max	1	SLU	0.54
-434	Min.	4	SLE Q	0.38
-426	Max	1	SLU	0.55
-424	Min.	4	SLE Q	0.39
-419	Max	1	SLU	0.56
-417	Min.	4	SLE Q	0.39
-414	Max	1	SLU	0.54
-407	Min.	4	SLE Q	0.37
-404	Max	1	SLU	0.54
-397	Min.	4	SLE Q	0.39
-394	Max	1	SLU	0.56
-390	Min.	4	SLE Q	0.39
-387	Max	1	SLU	0.55
-385	Min.	4	SLE Q	0.38
-377	Max	1	SLU	0.53
-375	Min.	4	SLE Q	0.38
-367	Max	1	SLU	0.55
-365	Min.	4	SLE Q	0.39
-360	Max	1	SLU	0.56
-358	Min.	4	SLE Q	0.39
-350	Max	1	SLU	0.54
-348	Min.	4	SLE Q	0.37
-340	Max	1	SLU	0.55
-338	Min.	4	SLE Q	0.39
-335	Max	1	SLU	0.56
-331	Min.	4	SLE Q	0.39
-328	Max	1	SLU	0.55
-321	Min.	4	SLE Q	0.38
-144	Max	1	SLU	0.54
-137	Min.	4	SLE Q	0.38
-134	Max	1	SLU	0.56
-132	Min.	4	SLE Q	0.39
-127	Max	1	SLU	0.55
-125	Min.	4	SLE Q	0.38
-117	Max	1	SLU	0.53
-115	Min.	4	SLE Q	0.38
-107	Max	1	SLU	0.55
-105	Min.	4	SLE Q	0.39
-100	Max	1	SLU	0.56
-98	Min.	4	SLE Q	0.39
-95	Max	1	SLU	0.54
-88	Min.	4	SLE Q	0.37
-85	Max	1	SLU	0.54
-78	Min.	4	SLE Q	0.39
-75	Max	1	SLU	0.56
-71	Min.	4	SLE Q	0.39
-68	Max	1	SLU	0.55
-66	Min.	4	SLE Q	0.38
-58	Max	1	SLU	0.54
-56	Min.	4	SLE Q	0.38
-48	Max	1	SLU	0.55
-46	Min.	4	SLE Q	0.39
-41	Max	1	SLU	0.56
-39	Min.	4	SLE Q	0.39
-31	Max	1	SLU	0.54
-29	Min.	4	SLE Q	0.38
-21	Max	1	SLU	0.55
-19	Min.	4	SLE Q	0.39

Nodo		CC	TCC	σ_t <daN/cmq>
-492	Max	1	SLU	0.54
-485	Min.	4	SLE Q	0.38
-482	Max	1	SLU	0.56
-480	Min.	4	SLE Q	0.39
-475	Max	1	SLU	0.56
-473	Min.	4	SLE Q	0.38
-465	Max	1	SLU	0.54
-463	Min.	4	SLE Q	0.38
-455	Max	1	SLU	0.55
-453	Min.	4	SLE Q	0.39
-448	Max	1	SLU	0.56
-446	Min.	4	SLE Q	0.39
-443	Max	1	SLU	0.54
-436	Min.	4	SLE Q	0.37
-433	Max	1	SLU	0.54
-426	Min.	4	SLE Q	0.39
-423	Max	1	SLU	0.56
-419	Min.	4	SLE Q	0.39
-416	Max	1	SLU	0.55
-414	Min.	4	SLE Q	0.38
-406	Max	1	SLU	0.53
-404	Min.	4	SLE Q	0.38
-396	Max	1	SLU	0.55
-394	Min.	4	SLE Q	0.39
-389	Max	1	SLU	0.56
-387	Min.	4	SLE Q	0.39
-379	Max	1	SLU	0.54
-377	Min.	4	SLE Q	0.37
-369	Max	1	SLU	0.55
-367	Min.	4	SLE Q	0.39
-364	Max	1	SLU	0.56
-360	Min.	4	SLE Q	0.39
-357	Max	1	SLU	0.55
-350	Min.	4	SLE Q	0.38
-347	Max	1	SLU	0.54
-340	Min.	4	SLE Q	0.38
-337	Max	1	SLU	0.56
-335	Min.	4	SLE Q	0.39
-330	Max	1	SLU	0.55
-328	Min.	4	SLE Q	0.38
-320	Max	1	SLU	0.53
-144	Min.	4	SLE Q	0.38
-136	Max	1	SLU	0.55
-134	Min.	4	SLE Q	0.39
-129	Max	1	SLU	0.56
-127	Min.	4	SLE Q	0.39
-124	Max	1	SLU	0.54
-117	Min.	4	SLE Q	0.37
-114	Max	1	SLU	0.54
-107	Min.	4	SLE Q	0.39
-104	Max	1	SLU	0.56
-100	Min.	4	SLE Q	0.39
-97	Max	1	SLU	0.55
-95	Min.	4	SLE Q	0.38
-87	Max	1	SLU	0.54
-85	Min.	4	SLE Q	0.38
-77	Max	1	SLU	0.55
-75	Min.	4	SLE Q	0.39
-70	Max	1	SLU	0.56
-68	Min.	4	SLE Q	0.39
-60	Max	1	SLU	0.54
-58	Min.	4	SLE Q	0.37
-50	Max	1	SLU	0.55
-48	Min.	4	SLE Q	0.39
-45	Max	1	SLU	0.56
-41	Min.	4	SLE Q	0.39
-38	Max	1	SLU	0.55
-31	Min.	4	SLE Q	0.38
-28	Max	1	SLU	0.54
-21	Min.	4	SLE Q	0.38
-18	Max	1	SLU	0.56

Nodo		CC	TCC	σ_t <daN/cmq>
-492	Min.	4	SLE Q	0.38
-484	Max	1	SLU	0.55
-482	Min.	4	SLE Q	0.39
-477	Max	1	SLU	0.56
-475	Min.	4	SLE Q	0.39
-472	Max	1	SLU	0.54
-465	Min.	4	SLE Q	0.38
-462	Max	1	SLU	0.54
-455	Min.	4	SLE Q	0.39
-452	Max	1	SLU	0.56
-448	Min.	4	SLE Q	0.39
-445	Max	1	SLU	0.55
-443	Min.	4	SLE Q	0.38
-435	Max	1	SLU	0.54
-433	Min.	4	SLE Q	0.38
-425	Max	1	SLU	0.55
-423	Min.	4	SLE Q	0.39
-418	Max	1	SLU	0.56
-416	Min.	4	SLE Q	0.39
-408	Max	1	SLU	0.54
-406	Min.	4	SLE Q	0.37
-398	Max	1	SLU	0.55
-396	Min.	4	SLE Q	0.39
-393	Max	1	SLU	0.56
-389	Min.	4	SLE Q	0.39
-386	Max	1	SLU	0.55
-379	Min.	4	SLE Q	0.38
-376	Max	1	SLU	0.54
-369	Min.	4	SLE Q	0.38
-366	Max	1	SLU	0.56
-364	Min.	4	SLE Q	0.39
-359	Max	1	SLU	0.55
-357	Min.	4	SLE Q	0.38
-349	Max	1	SLU	0.53
-347	Min.	4	SLE Q	0.38
-339	Max	1	SLU	0.55
-337	Min.	4	SLE Q	0.39
-332	Max	1	SLU	0.56
-330	Min.	4	SLE Q	0.39
-327	Max	1	SLU	0.54
-320	Min.	4	SLE Q	0.37
-143	Max	1	SLU	0.54
-136	Min.	4	SLE Q	0.39
-133	Max	1	SLU	0.56
-129	Min.	4	SLE Q	0.39
-126	Max	1	SLU	0.55
-124	Min.	4	SLE Q	0.38
-116	Max	1	SLU	0.53
-114	Min.	4	SLE Q	0.38
-106	Max	1	SLU	0.55
-104	Min.	4	SLE Q	0.39
-99	Max	1	SLU	0.56
-97	Min.	4	SLE Q	0.39
-89	Max	1	SLU	0.54
-87	Min.	4	SLE Q	0.37
-79	Max	1	SLU	0.55
-77	Min.	4	SLE Q	0.39
-74	Max	1	SLU	0.56
-70	Min.	4	SLE Q	0.39
-67	Max	1	SLU	0.55
-60	Min.	4	SLE Q	0.38
-57	Max	1	SLU	0.54
-50	Min.	4	SLE Q	0.38
-47	Max	1	SLU	0.56
-45	Min.	4	SLE Q	0.39
-40	Max	1	SLU	0.55
-38	Min.	4	SLE Q	0.38
-30	Max	1	SLU	0.54
-28	Min.	4	SLE Q	0.38
-20	Max	1	SLU	0.55
-18	Min.	4	SLE Q	0.39

Nodo		CC	TCC	σ_t <daN/cmq>
-491	Max	1	SLU	0.54
-484	Min.	4	SLE Q	0.39
-481	Max	1	SLU	0.56
-477	Min.	4	SLE Q	0.39
-474	Max	1	SLU	0.55
-472	Min.	4	SLE Q	0.38
-464	Max	1	SLU	0.54
-462	Min.	4	SLE Q	0.38
-454	Max	1	SLU	0.55
-452	Min.	4	SLE Q	0.39
-447	Max	1	SLU	0.56
-445	Min.	4	SLE Q	0.39
-437	Max	1	SLU	0.54
-435	Min.	4	SLE Q	0.37
-427	Max	1	SLU	0.55
-425	Min.	4	SLE Q	0.39
-422	Max	1	SLU	0.56
-418	Min.	4	SLE Q	0.39
-415	Max	1	SLU	0.55
-408	Min.	4	SLE Q	0.38
-405	Max	1	SLU	0.54
-398	Min.	4	SLE Q	0.38
-395	Max	1	SLU	0.56
-393	Min.	4	SLE Q	0.39
-388	Max	1	SLU	0.55
-386	Min.	4	SLE Q	0.38
-378	Max	1	SLU	0.53
-376	Min.	4	SLE Q	0.38
-368	Max	1	SLU	0.55
-366	Min.	4	SLE Q	0.39
-361	Max	1	SLU	0.56
-359	Min.	4	SLE Q	0.39
-356	Max	1	SLU	0.54
-349	Min.	4	SLE Q	0.37
-346	Max	1	SLU	0.54
-339	Min.	4	SLE Q	0.39
-336	Max	1	SLU	0.56
-332	Min.	4	SLE Q	0.39
-329	Max	1	SLU	0.55
-327	Min.	4	SLE Q	0.38
-145	Max	1	SLU	0.53
-143	Min.	4	SLE Q	0.38
-135	Max	1	SLU	0.55
-133	Min.	4	SLE Q	0.39
-128	Max	1	SLU	0.56
-126	Min.	4	SLE Q	0.39
-118	Max	1	SLU	0.54
-116	Min.	4	SLE Q	0.37
-108	Max	1	SLU	0.55
-106	Min.	4	SLE Q	0.39
-103	Max	1	SLU	0.56
-99	Min.	4	SLE Q	0.39
-96	Max	1	SLU	0.55
-89	Min.	4	SLE Q	0.38
-86	Max	1	SLU	0.54
-79	Min.	4	SLE Q	0.38
-76	Max	1	SLU	0.56
-74	Min.	4	SLE Q	0.39
-69	Max	1	SLU	0.55
-67	Min.	4	SLE Q	0.38
-59	Max	1	SLU	0.54
-57	Min.	4	SLE Q	0.38
-49	Max	1	SLU	0.55
-47	Min.	4	SLE Q	0.39
-42	Max	1	SLU	0.56
-40	Min.	4	SLE Q	0.39
-37	Max	1	SLU	0.54
-30	Min.	4	SLE Q	0.37
-27	Max	1	SLU	0.54
-20	Min.	4	SLE Q	0.39
-17	Max	1	SLU	0.56

-17	Min.	4	SLE Q	0.39
-12	Max	1	SLU	0.56
-10	Min.	4	SLE Q	0.39
-2	Max	1	SLU	0.54

-16	Max	1	SLU	0.56
-12	Min.	4	SLE Q	0.39
-9	Max	1	SLU	0.55
-2	Min.	4	SLE Q	0.38

-16	Min.	4	SLE Q	0.39
-11	Max	1	SLU	0.56
-9	Min.	4	SLE Q	0.38
-1	Max	1	SLU	0.54

-13	Max	1	SLU	0.56
-11	Min.	4	SLE Q	0.39
-8	Max	1	SLU	0.54
-1	Min.	4	SLE Q	0.38

-13	Min.	4	SLE Q	0.39
-10	Max	1	SLU	0.55
-8	Min.	4	SLE Q	0.38

Sollecitazioni elementi bidimensionali
Simbologia
σ_{xx} = Tensione normale sulle facce perp. all'asse X
σ_{zz} = Tensione normale sulle facce perp. all'asse Z
τ_{xy} = Tensione in dir. Y sulle facce perp. all'asse X
τ_{xz} = Tensione in dir. Z sulle facce perp. all'asse X
τ_{zy} = Tensione in dir. Y sulle facce perp. all'asse Z
Bid. = Numero del muro/elemento bidimensionale
CC = Numero della combinazione delle condizioni di carico elementari
Mxx = Momento che provoca variazione di tensione sulle facce perp. all'asse X
Mxz = Momento che provoca variazione di tensione tangenziale sulle facce perp. all'asse X
Mzz = Momento che provoca variazione di tensione sulle facce perp. all'asse Z
Nodo = Numero del nodo
TCC = Tipo di combinazione di carico
SLU = Stato limite ultimo
SLE R = Stato limite d'esercizio, combinazione rara
SLE F = Stato limite d'esercizio, combinazione frequente
SLE Q = Stato limite d'esercizio, combinazione quasi permanente

Bid. 8

	CC	TCC	Nodo	Min.	CC	TCC	Nodo	Max		CC	TCC	Nodo	Min.	CC	TCC	Nodo	Max
σ_{xx} <daN/mq>	1	SLU	-103	0	1	SLU	-406	0	σ_{zz} <daN/mq>	1	SLU	-136	0	1	SLU	-42	0
τ_{xz} <daN/mq>	1	SLU	-134	0	1	SLU	-16	0	Mxx <daNm/m>	1	SLU	-327	-208	1	SLU	-331	4135
Mzz <daNm/m>	1	SLU	-144	-724	1	SLU	-98	215	Mxz <daNm/m>	1	SLU	-456	-452	1	SLU	-49	452
τ_{zy} <daN/mq>	1	SLU	-31	-2452	1	SLU	-492	2452	τ_{xy} <daN/mq>	1	SLU	-338	-10613	1	SLU	-359	10613

Bid. 9

	CC	TCC	Nodo	Min.	CC	TCC	Nodo	Max		CC	TCC	Nodo	Min.	CC	TCC	Nodo	Max
σ_{xx} <daN/mq>	2	SLE R	-1	1465	1	SLU	-535	30957	σ_{zz} <daN/mq>	1	SLU	-407	-2652	2	SLE R	-697	-413
τ_{xz} <daN/mq>	1	SLU	-523	-7133	1	SLU	-579	7133	Mxx <daNm/m>	1	SLU	-579	-16	1	SLU	-641	16
Mzz <daNm/m>	1	SLU	-612	-7	1	SLU	-583	30	Mxz <daNm/m>	1	SLU	-575	-41	1	SLU	-523	41
τ_{zy} <daN/mq>	1	SLU	-583	-1817	1	SLU	-30	99	τ_{xy} <daN/mq>	1	SLU	-494	-901	1	SLU	-701	901

Bid. 10

	CC	TCC	Nodo	Min.	CC	TCC	Nodo	Max		CC	TCC	Nodo	Min.	CC	TCC	Nodo	Max
σ_{xx} <daN/mq>	1	SLU	-512	-118904	2	SLE R	-521	-2262	σ_{zz} <daN/mq>	1	SLU	-512	-5448	1	SLU	-620	406
τ_{xz} <daN/mq>	1	SLU	-10	-21492	1	SLU	-513	21492	Mxx <daNm/m>	1	SLU	-522	-51	1	SLU	-630	143
Mzz <daNm/m>	1	SLU	-20	-79	2	SLE R	-639	-5	Mxz <daNm/m>	1	SLU	-10	-127	1	SLU	-513	127
τ_{zy} <daN/mq>	1	SLU	-522	-75	1	SLU	-503	1443	τ_{xy} <daN/mq>	1	SLU	-513	-3336	1	SLU	-621	3336

Bid. 11

	CC	TCC	Nodo	Min.	CC	TCC	Nodo	Max		CC	TCC	Nodo	Min.	CC	TCC	Nodo	Max
σ_{xx} <daN/mq>	2	SLE R	-464	1465	1	SLU	-566	30957	σ_{zz} <daN/mq>	1	SLU	-87	-2652	2	SLE R	-729	-413
τ_{xz} <daN/mq>	1	SLU	-464	-7133	1	SLU	-58	7133	Mxx <daNm/m>	1	SLU	-522	-16	1	SLU	-696	16
Mzz <daNm/m>	1	SLU	-611	-7	1	SLU	-526	30	Mxz <daNm/m>	1	SLU	-58	-41	1	SLU	-464	41
τ_{zy} <daN/mq>	1	SLU	-526	-1817	1	SLU	-582	99	τ_{xy} <daN/mq>	1	SLU	-729	-901	1	SLU	-644	901

Bid. 12

	CC	TCC	Nodo	Min.	CC	TCC	Nodo	Max		CC	TCC	Nodo	Min.	CC	TCC	Nodo	Max
σ_{xx} <daN/mq>	1	SLU	-593	-118904	2	SLE R	-584	-2262	σ_{zz} <daN/mq>	1	SLU	-593	-5448	1	SLU	-710	406
τ_{xz} <daN/mq>	1	SLU	-484	-21492	1	SLU	-592	21492	Mxx <daNm/m>	1	SLU	-583	-51	1	SLU	-711	143
Mzz <daNm/m>	1	SLU	-474	-79	2	SLE R	-702	-5	Mxz <daNm/m>	1	SLU	-484	-127	1	SLU	-592	127
τ_{zy} <daN/mq>	1	SLU	-583	-75	1	SLU	-602	1443	τ_{xy} <daN/mq>	1	SLU	-592	-3336	1	SLU	-720	3336

Bid. 13

	CC	TCC	Nodo	Min.	CC	TCC	Nodo	Max		CC	TCC	Nodo	Min.	CC	TCC	Nodo	Max
σ_{xx} <daN/mq>	1	SLU	-417	-411	1	SLU	-564	6004	σ_{zz} <daN/mq>	1	SLU	-330	-17524	2	SLE R	-524	-5582
τ_{xz} <daN/mq>	1	SLU	-711	-2457	1	SLU	-504	2457	Mxx <daNm/m>	1	SLU	-593	-33	1	SLU	-694	81
Mzz <daNm/m>	2	SLE R	-524	5	1	SLU	-40	103	Mxz <daNm/m>	1	SLU	-446	-219	1	SLU	-40	219
τ_{zy} <daN/mq>	1	SLU	-580	-2060	2	SLE R	-694	-47	τ_{xy} <daN/mq>	1	SLU	-642	-1883	1	SLU	-580	1883

Bid. 14

	CC	TCC	Nodo	Min.	CC	TCC	Nodo	Max		CC	TCC	Nodo	Min.	CC	TCC	Nodo	Max
σ_{xx} <daN/mq>	1	SLU	-425	-411	1	SLU	-565	6004	σ_{zz} <daN/mq>	1	SLU	-338	-17524	2	SLE R	-525	-5582
τ_{xz} <daN/mq>	1	SLU	-699	-2457	1	SLU	-643	2457	Mxx <daNm/m>	1	SLU	-695	-81	1	SLU	-630	33
Mzz <daNm/m>	1	SLU	-483	-103	2	SLE R	-581	-5	Mxz <daNm/m>	1	SLU	-48	-219	1	SLU	-454	219
τ_{zy} <daN/mq>	2	SLE R	-647	47	1	SLU	-512	2060	τ_{xy} <daN/mq>	1	SLU	-699	-1883	1	SLU	-525	1883

Verifiche e armature solette/platee

Simbologia
Δ_{sm} = Distanza media tra le fessure
Φ_{eq} = Diametro equivalente delle barre
ε_{sm} = Deformazione unitaria media dell'armatura (*1000)
σ_c = Tensione nel calcestruzzo
σ_f = Tensione nel ferro
σ_s = Tensione nell'acciaio nella sezione fessurata
$A_{c\ eff}$ = Area di calcestruzzo efficace
A_s = Area complessiva dei ferri nell'area di calcestruzzo efficace
AfE I = Area di ferro effettiva totale presente nel punto di verifica, inferiore
AfE S = Area di ferro effettiva totale presente nel punto di verifica, superiore
AfE St. = Area di ferro effettiva della staffatura
CC = Numero della combinazione delle condizioni di carico elementari
Cf inf = Copriferro inferiore
Cf sup = Copriferro superiore

Cls = Tipo di calcestruzzo
DV = Direzione di verifica
XX = Verifica per momento Mxx
YY = Verifica per momento Myy
Fcd = Resistenza di calcolo a compressione del calcestruzzo
Fck = Resistenza caratteristica cilindrica a compressione del calcestruzzo
Fctd = Resistenza di calcolo a trazione del calcestruzzo
Fctk = Resistenza caratteristica a trazione del calcestruzzo
Fyd = Resistenza di calcolo dell'acciaio
Fyk = Tensione caratteristica di snervamento dell'acciaio
K_2 = Coefficiente per distribuzione deformazioni
MRdy = Momento resistente allo stato limite ultimo intorno all'asse Y
Mom = Momento flettente
My = Momento flettente intorno all'asse Y
Nodo = Numero del nodo
Sic. = Sicurezza
Spess. = Spessore
TCC = Tipo di combinazione di carico
SLU = Stato limite ultimo
SLE R = Stato limite d'esercizio, combinazione rara
SLE F = Stato limite d'esercizio, combinazione frequente
SLE Q = Stato limite d'esercizio, combinazione quasi permanente
Tp = Tipo di acciaio
VRcd = Taglio ultimo lato calcestruzzo
VRsd = Taglio ultimo lato armatura
Vrdu = Taglio ultimo resistente
Vsdu = Taglio agente nella direzione del momento ultimo
Wk = Ampiezza caratteristica delle fessure
X = Coordinata X del nodo
Y = Coordinata Y del nodo
c = Ricoprimento dell'armatura
ctgθ = Cotangente dell'angolo di inclinazione dei puntoni di calcestruzzo
s = Distanza massima tra le barre

Armatura platea a quota 0.00

Caratteristiche delle sezioni e dei materiali utilizzati

Spess. <cm>	Cf sup <cm>	Cf inf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Tp	Fyk <daN/cmq>	Fyd <daN/cmq>
50.00	3.50	3.50	C32/40	332.00	21.69	188.13	14.46	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/pressoflessione

Nodo	X <m>	Y <m>	DV	CC	TCC	AfE S <cmq>	AfE I <cmq>	My <daNm>	MRdy <daNm>	Sic.
-330	14.50	6.50	XX	1	SLU	7.70	7.70	4055.96	13950.30	3.439
-321	12.50	6.50	XX	1	SLU	7.70	7.70	-201.93	-13950.30	69.085
-348	20.00	6.50	YY	1	SLU	7.70	7.70	-723.91	-13950.30	19.271
-98	14.50	5.50	YY	1	SLU	7.70	7.70	188.47	13950.30	74.017

Stato limite ultimo - Verifiche a taglio

Nodo	X <m>	Y <m>	DV	CC	TCC	AfE S <cmq>	AfE I <cmq>	AfE St. <cmq/m>	Vsdu <daN>	ctgθ	VRcd <daN>	VRsd <daN>	Vrdu <daN>	Sic.
-339	18.00	6.50	XX	1	SLU	7.70	7.70		4519.49				19980.80	4.421
-28	19.50	4.00	YY	1	SLU	7.70	7.70		1205.96				19980.80	16.568

Stato limite d'esercizio - Verifiche tensionali

Nodo	X <m>	Y <m>	DV	CC	TCC	AfE S <cmq>	AfE I <cmq>	Mom <daNm>	σ_c <daN/cmq>	σ_f <daN/cmq>
-338	17.50	6.50	XX	2	SLE R	7.70	7.70	2701.40	12.34	806.40
-338	17.50	6.50	XX	4	SLE Q	7.70	7.70	2701.40	12.34	806.40
-347	19.50	6.50	XX	2	SLE R	7.70	7.70	-156.04	0.71	46.58
-347	19.50	6.50	XX	4	SLE Q	7.70	7.70	-156.04	0.71	46.58
-348	20.00	6.50	YY	2	SLE R	7.70	7.70	-510.03	2.33	152.25
-348	20.00	6.50	YY	4	SLE Q	7.70	7.70	-510.03	2.33	152.25
-425	17.50	8.00	YY	2	SLE R	7.70	7.70	103.75	0.47	30.97
-425	17.50	8.00	YY	4	SLE Q	7.70	7.70	103.75	0.47	30.97

Stato limite d'esercizio - Verifiche a fessurazione

Nodo	X <m>	Y <m>	DV	CC	TCC	c <mm>	s <mm>	K_2	Φ_{eq}	Δ_{sm} <mm>	A_s <cmq>	$A_{c\ eff}$ <cmq>	σ_s <daN/cmq>	ε_{sm}	Wk <mm>
-338	17.50	6.50	XX	4	SLE Q	28.00	200.00	0.50	14.00	309.89	9.24	875.00	806.40	0.23	0.12
-338	17.50	6.50	XX	3	SLE F	28.00	200.00	0.50	14.00	309.89	9.24	875.00	806.40	0.23	0.12
-347	19.50	6.50	XX	4	SLE Q	28.00	200.00	0.50	14.00	309.89	9.24	875.00	46.58	0.01	0.01
-347	19.50	6.50	XX	3	SLE F	28.00	200.00	0.50	14.00	309.89	9.24	875.00	46.58	0.01	0.01
-348	20.00	6.50	YY	4	SLE Q	28.00	200.00	0.50	14.00	309.89	9.24	875.00	152.25	0.04	0.02
-348	20.00	6.50	YY	3	SLE F	28.00	200.00	0.50	14.00	309.89	9.24	875.00	152.25	0.04	0.02
-425	17.50	8.00	YY	4	SLE Q	28.00	200.00	0.50	14.00	309.89	9.24	875.00	30.97	0.01	0.00
-425	17.50	8.00	YY	3	SLE F	28.00	200.00	0.50	14.00	309.89	9.24	875.00	30.97	0.01	0.00

Verifiche e armature pareti

Simbologia
Δ_{sm} = Distanza media tra le fessure
Φ_{eq} = Diametro equivalente delle barre
ε_{sm} = Deformazione unitaria media dell'armatura (*1000)
σ_c = Tensione nel calcestruzzo
σ_f = Tensione nel ferro
σ_s = Tensione nell'acciaio nella sezione fessurata
$A_{c\ eff}$ = Area di calcestruzzo efficace
A_s = Area complessiva dei ferri nell'area di calcestruzzo efficace
CC = Numero della combinazione delle condizioni di carico elementari
Cf = Copriferro
Cls = Tipo di calcestruzzo
Fcd = Resistenza di calcolo a compressione del calcestruzzo
Fck = Resistenza caratteristica cilindrica a compressione del calcestruzzo
Fctd = Resistenza di calcolo a trazione del calcestruzzo
Fctk = Resistenza caratteristica a trazione del calcestruzzo
Fyd = Resistenza di calcolo dell'acciaio
Fyk = Tensione caratteristica di snervamento dell'acciaio
K_2 = Coefficiente per distribuzione deformazioni
M'ydy = Momento resistente massimo in campo sostanzialmente elastico intorno all'asse Y

MRdy = Momento resistente allo stato limite ultimo intorno all'asse Y
My = Momento flettente intorno all'asse Y
N = Sforzo normale
Nu = Sforzo normale ultimo
Sez. = Sezione di verifica
Sic. = Sicurezza
Spess. = Spessore
TCC = Tipo di combinazione di carico
SLU = Stato limite ultimo
SLE R = Stato limite d'esercizio, combinazione rara
SLE F = Stato limite d'esercizio, combinazione frequente
SLE Q = Stato limite d'esercizio, combinazione quasi permanente
Tp = Tipo di acciaio
VRcd = Taglio ultimo lato calcestruzzo
VRsd = Taglio ultimo lato armatura
Vrdu = Taglio ultimo resistente
Vsdu = Taglio agente nella direzione del momento ultimo
Wk = Ampiezza caratteristica delle fessure
Xf = Coordinata X finale
Xi = Coordinata X iniziale
Xv = Coordinata X di verifica
Zona = Zona di verifica
Zv = Coordinata Z di verifica
c = Ricoprimento dell'armatura
s = Distanza massima tra le barre

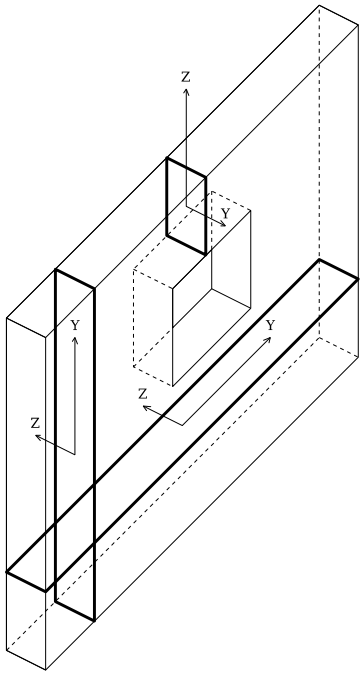


Figura numero 1: Riferimenti sezione

Parete n. 9

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Spess. <cm>	Cf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Tp	Fyk <daN/cmq>	Fyd <daN/cmq>
Oriz.	30.00	4.30	C32/40	332.00	21.69	188.13	14.46	B450C	4500.00	3913.04

Verifiche su sezioni orizzontali
Stato limite ultimo - Verifiche a flessione/pressoflessione

CC	Zona	Zv <m>	Xi <m>	Xf <m>	N <daN>	My <daNm>	Nu <daN>	MRdy <daNm>	Sic.
1	Diff.	0.00	0.00	5.00	-4306.08	-178.63	-4306.08	-32928.50	>100
1	Diff.	0.30	0.00	5.00	-2843.58	-6.43	-3060980.00	-32760.90	>100
1	Diff.	0.60	0.00	5.00	-321.81	5.47	-321.81	32470.90	>100

Stato limite d'esercizio - Verifiche tensionali

CC	TCC	Zona	Zv <m>	Xi <m>	Xf <m>	N <daN>	My <daNm>	σ_c <daN/cmq>	σ_f <daN/cmq>
2	SLE R	Diff.	0.00	0.00	5.00	-3174.87	-107.53	0.33	4.40
4	SLE Q	Diff.	0.00	0.00	5.00	-3174.87	-107.53	0.33	4.40
2	SLE R	Diff.	0.30	0.00	5.00	-2049.87	-0.99	0.13	1.94
4	SLE Q	Diff.	0.30	0.00	5.00	-2049.87	-0.99	0.13	1.94
2	SLE R	Diff.	0.60	0.00	5.00	-215.55	3.62	0.02	0.25
4	SLE Q	Diff.	0.60	0.00	5.00	-215.55	3.62	0.02	0.25

Parete n. 10

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Spess. <cm>	Cf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Tp	Fyk <daN/cmq>	Fyd <daN/cmq>

Oriz.	30.00	4.30	C32/40	332.00	21.69	188.13	14.46	B450C	4500.00	3913.04

Verifiche su sezioni orizzontali
Stato limite ultimo - Verifiche a flessione/pressoflessione

CC	Zona	Zv <m>	Xi <m>	Xf <m>	N <daN>	My <daNm>	Nu <daN>	MRdy <daNm>	Sic.
1	Diff.	0.00	0.00	8.00	-8006.33	768.95	-8006.33	51599.40	67.104
1	Diff.	0.30	0.00	8.00	-5407.74	294.57	-5407.74	51300.10	>100
1	Diff.	0.60	0.00	8.00	-3067.74	3.75	-4886950.00	51031.10	>100

Stato limite d'esercizio - Verifiche tensionali

CC	TCC	Zona	Zv <m>	Xi <m>	Xf <m>	N <daN>	My <daNm>	σ_c <daN/cmq>	σ_f <daN/cmq>
2	SLE R	Diff.	0.00	0.00	8.00	-5764.85	541.08	0.73	8.44
4	SLE Q	Diff.	0.00	0.00	8.00	-5764.85	541.08	0.73	8.44
2	SLE R	Diff.	0.30	0.00	8.00	-3826.11	203.72	0.31	3.92
4	SLE Q	Diff.	0.30	0.00	8.00	-3826.11	203.72	0.31	3.92
2	SLE R	Diff.	0.60	0.00	8.00	-2026.11	2.43	0.08	1.22
4	SLE Q	Diff.	0.60	0.00	8.00	-2026.11	2.43	0.08	1.22

Parete n. 11

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Spess. <cm>	Cf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Tp	Fyk <daN/cmq>	Fyd <daN/cmq>
Oriz.	30.00	4.30	C32/40	332.00	21.69	188.13	14.46	B450C	4500.00	3913.04

Verifiche su sezioni orizzontali
Stato limite ultimo - Verifiche a flessione/pressoflessione

CC	Zona	Zv <m>	Xi <m>	Xf <m>	N <daN>	My <daNm>	Nu <daN>	MRdy <daNm>	Sic.
1	Diff.	0.00	0.00	5.00	-4306.08	-178.63	-4306.08	-32928.40	>100
1	Diff.	0.30	0.00	5.00	-1784.31	-31.31	-1784.31	-32639.10	>100
1	Diff.	0.60	0.00	5.00	-321.81	5.47	-321.81	32471.30	>100

Stato limite d'esercizio - Verifiche tensionali

CC	TCC	Zona	Zv <m>	Xi <m>	Xf <m>	N <daN>	My <daNm>	σ_c <daN/cmq>	σ_f <daN/cmq>
2	SLE R	Diff.	0.00	0.00	5.00	-3174.87	-107.53	0.33	4.40
4	SLE Q	Diff.	0.00	0.00	5.00	-3174.87	-107.53	0.33	4.40
2	SLE R	Diff.	0.30	0.00	5.00	-1340.55	-17.31	0.11	1.49
4	SLE Q	Diff.	0.30	0.00	5.00	-1340.55	-17.31	0.11	1.49
2	SLE R	Diff.	0.60	0.00	5.00	-215.55	3.62	0.02	0.25
4	SLE Q	Diff.	0.60	0.00	5.00	-215.55	3.62	0.02	0.25

Parete n. 12

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Spess. <cm>	Cf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Tp	Fyk <daN/cmq>	Fyd <daN/cmq>
Oriz.	30.00	4.30	C32/40	332.00	21.69	188.13	14.46	B450C	4500.00	3913.04

Verifiche su sezioni orizzontali
Stato limite ultimo - Verifiche a flessione/pressoflessione

CC	Zona	Zv <m>	Xi <m>	Xf <m>	N <daN>	My <daNm>	Nu <daN>	MRdy <daNm>	Sic.
1	Diff.	0.00	0.00	8.00	-8006.33	768.95	-8006.33	51599.70	67.104
1	Diff.	0.30	0.00	8.00	-5407.74	294.57	-5407.74	51300.50	>100
1	Diff.	0.60	0.00	8.00	-3067.74	3.75	-4886950.00	51031.10	>100

Stato limite d'esercizio - Verifiche tensionali

CC	TCC	Zona	Zv <m>	Xi <m>	Xf <m>	N <daN>	My <daNm>	σ_c <daN/cmq>	σ_f <daN/cmq>
2	SLE R	Diff.	0.00	0.00	8.00	-5764.85	541.08	0.73	8.44
4	SLE Q	Diff.	0.00	0.00	8.00	-5764.85	541.08	0.73	8.44
2	SLE R	Diff.	0.30	0.00	8.00	-3826.11	203.72	0.31	3.92
4	SLE Q	Diff.	0.30	0.00	8.00	-3826.11	203.72	0.31	3.92
2	SLE R	Diff.	0.60	0.00	8.00	-2026.11	2.43	0.08	1.22
4	SLE Q	Diff.	0.60	0.00	8.00	-2026.11	2.43	0.08	1.22

Parete n. 13

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Spess. <cm>	Cf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Tp	Fyk <daN/cmq>	Fyd <daN/cmq>
Oriz.	60.00	4.30	C32/40	332.00	21.69	188.13	14.46	B450C	4500.00	3913.04

Verifiche su sezioni orizzontali
Stato limite ultimo - Verifiche a flessione/pressoflessione

CC	Zona	Zv <m>	Xi <m>	Xf <m>	N <daN>	My <daNm>	Nu <daN>	MRdy <daNm>	Sic.
1	Diff.	0.00	0.00	5.00	-48017.60	-645.48	-5882980.00	-80975.30	>100
1	Diff.	0.30	0.00	5.00	-45092.60	-154.38	-5882980.00	-80203.20	>100
1	Diff.	0.60	0.00	5.00	-43485.40	-0.20	-5882980.00	-79779.80	>100

Stato limite d'esercizio - Verifiche tensionali

CC	TCC	Zona	Zv <m>	Xi <m>	Xf <m>	N <daN>	My <daNm>	σ_c <daN/cmq>	σ_f <daN/cmq>
2	SLE R	Diff.	0.00	0.00	5.00	-32660.30	-423.11	1.19	17.54
4	SLE Q	Diff.	0.00	0.00	5.00	-32660.30	-423.11	1.19	17.54
2	SLE R	Diff.	0.30	0.00	5.00	-30410.30	-100.88	1.02	15.16
4	SLE Q	Diff.	0.30	0.00	5.00	-30410.30	-100.88	1.02	15.16
2	SLE R	Diff.	0.60	0.00	5.00	-29008.30	-0.16	0.94	14.07
4	SLE Q	Diff.	0.60	0.00	5.00	-29008.30	-0.16	0.94	14.07

Parete n. 14

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Spess. <cm>	Cf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Tp	Fyk <daN/cmq>	Fyd <daN/cmq>
Oriz.	60.00	4.30	C32/40	332.00	21.69	188.13	14.46	B450C	4500.00	3913.04

Verifiche su sezioni orizzontali
Stato limite ultimo - Verifiche a flessione/pressoflessione

CC	Zona	Zv <m>	Xi <m>	Xf <m>	N <daN>	My <daNm>	Nu <daN>	MRdy <daNm>	Sic.
1	Diff.	0.00	0.00	5.00	-48017.60	645.48	-5882980.00	80976.00	>100
1	Diff.	0.30	0.00	5.00	-46410.40	172.95	-5882980.00	80551.00	>100
1	Diff.	0.60	0.00	5.00	-43485.40	0.20	-5882980.00	79779.50	>100

Stato limite d'esercizio - Verifiche tensionali

CC	TCC	Zona	Zv <m>	Xi <m>	Xf <m>	N <daN>	My <daNm>	σ_c <daN/cmq>	σ_f <daN/cmq>
2	SLE R	Diff.	0.00	0.00	5.00	-32660.30	423.11	1.19	17.54
4	SLE Q	Diff.	0.00	0.00	5.00	-32660.30	423.11	1.19	17.54
2	SLE R	Diff.	0.30	0.00	5.00	-31258.30	113.11	1.05	15.62
4	SLE Q	Diff.	0.30	0.00	5.00	-31258.30	113.11	1.05	15.62
2	SLE R	Diff.	0.60	0.00	5.00	-29008.30	0.16	0.94	14.08
4	SLE Q	Diff.	0.60	0.00	5.00	-29008.30	0.16	0.94	14.08

11.0 RISULTATI STRUTTURE FONDAZIONE TRASFORMATORE MT/BT

11.1 Diagrammi tassi di sfruttamento

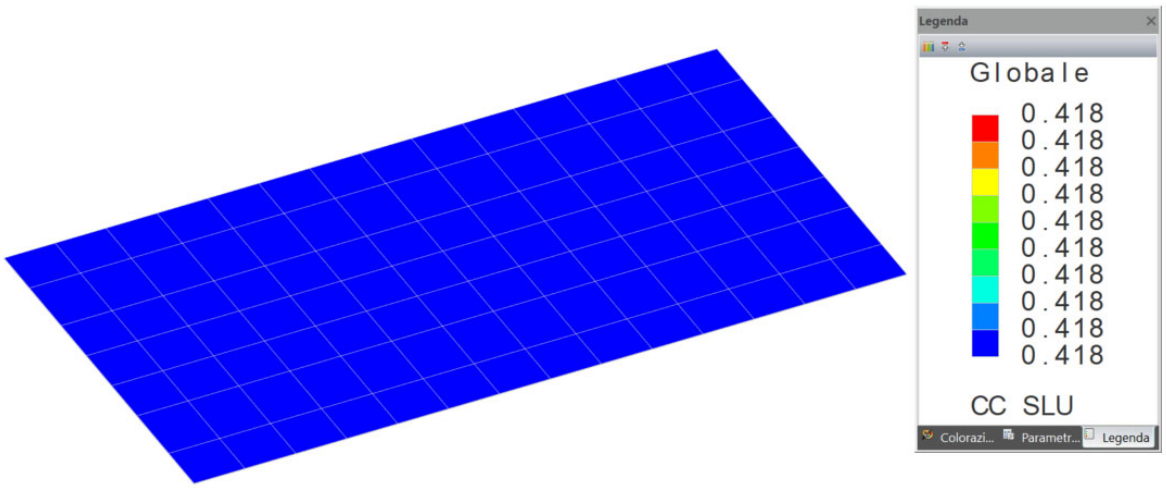
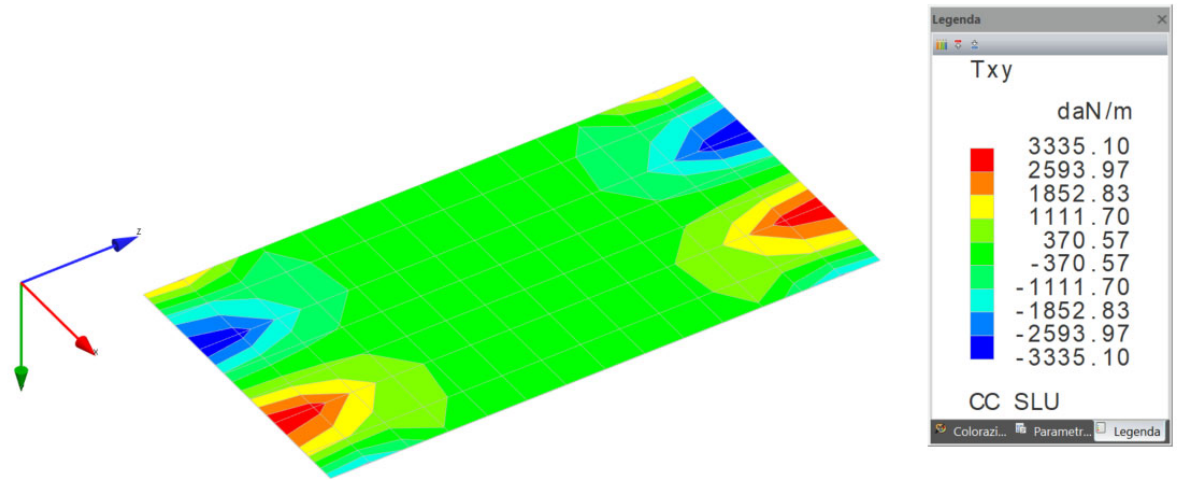


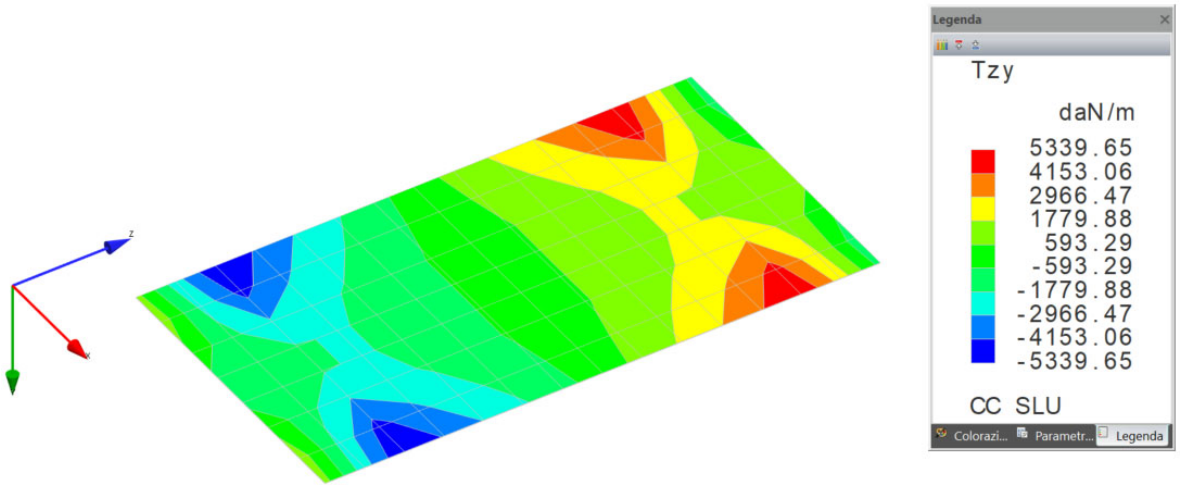
Diagramma tassi di sfruttamento resistenza combo SLU con valore massimo pari a 0,418

Figure 52: Tassi di sfruttamento SLU (Stato limite ultimo)

11.2 Sollecitazioni

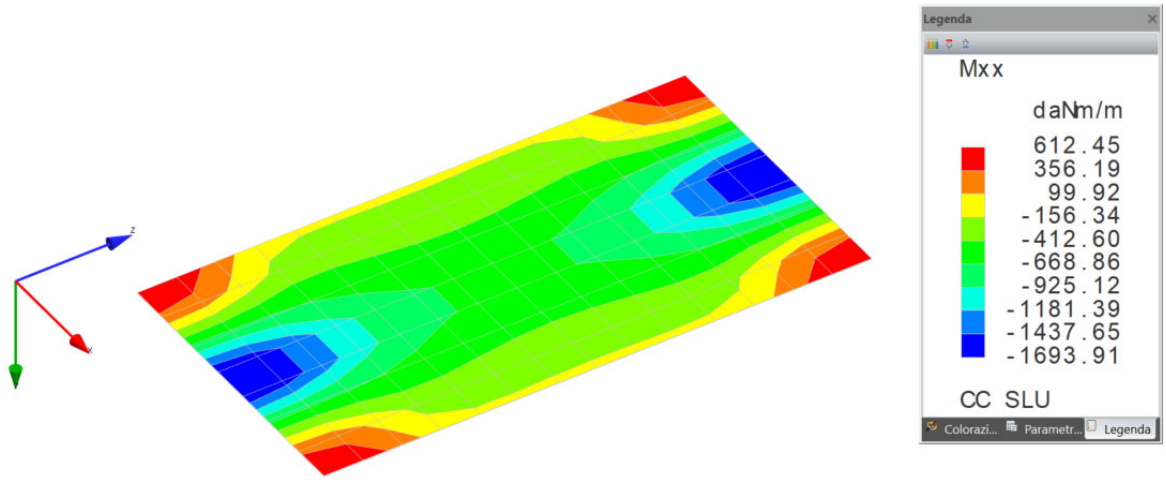


Inviluppo sforzo di taglio in direzione X su faccia con normale Y SLU Tmax = 3335,10 daN/m

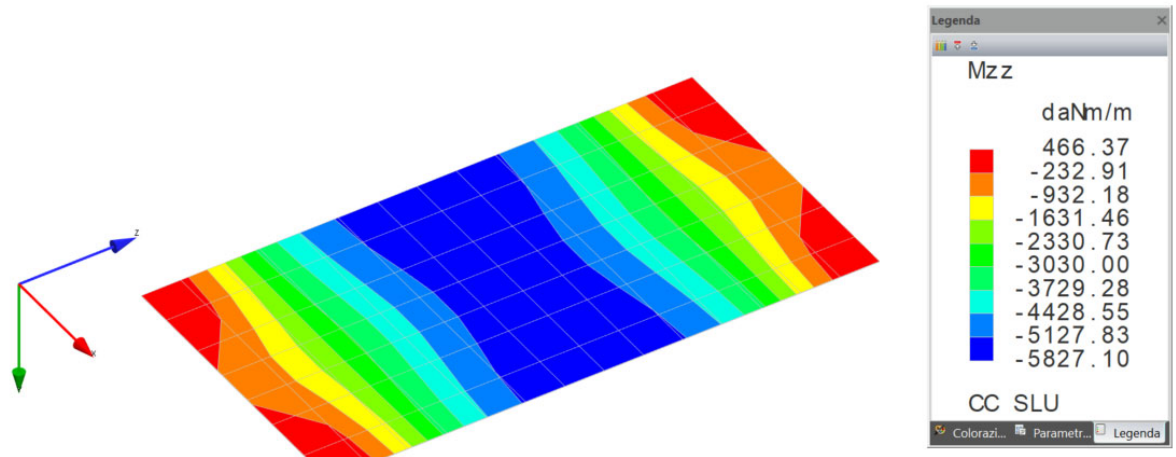


Inviluppo sforzo di taglio in direzione Z su faccia con normale Y SLU Tmax = 5339,65 daN/m

Figure 53: Taglio



Inviluppo momento che genera tensioni in direzioni X su facce con normale X SLU Mmax = 1693,91 daN×m/m



Inviluppo momento che genera tensioni in direzioni Z su facce con normale Z SLU Mmax = 5827,10 daN×m/m

Figure 54: Momento Flettente

11.3 Tabulati di calcolo

Si riportano i tabulati di calcolo elaborati come output dal programma di calcolo.

Risultati del calcolo

Parametri di calcolo
La modellazione della struttura e la rielaborazione dei risultati del calcolo sono stati effettuati con:
ModeSt ver. 8.28, licenza n. 7279, prodotto da Tecnisoft s.a.s. - Prato
La struttura è stata calcolata utilizzando come solutore agli elementi finiti:
Xfinest ver. 9.5.3, licenza n. 3451, prodotto da Ce.A.S. S.r.l. - Milano

Tipo di normativa: stati limite D.M. 18
Tipo di calcolo: statico
Vincoli esterni: Considera sempre vincoli assegnati in modellazione
Schematizzazione piani rigidi: nessun impalcato rigido
Modalità di recupero masse secondarie: mantenere sul nodo masse e forze relative

Generazione combinazioni

- Lineari: Sì
- Valuta spostamenti e non sollecitazioni: No
- Buckling: No

Opzioni di calcolo

- Sono state considerate infinitamente rigide le zone di connessione fra travi, pilastri ed elementi bidimensionali con una riduzione del 20%
- Calcolo con offset rigidi dai nodi: No
- Uniformare i carichi variabili: No
- Massimizzare i carichi variabili: No
- Recupero carichi zone rigide: taglio e momento flettente

Opzioni del solutore

- Tipo di elemento bidimensionale: QF46
- Calcolo sforzo nei nodi: No
- Trascura deformabilità a taglio delle aste: No
- Analisi dinamica con metodo di Lanczos: Sì
- Check sequenza di Sturm: Sì
- Analisi non lineare con Newton modificato: No
- Usa formulazione secante per buckling: No
- Trascura buckling torsionale: No

Dati struttura

- Edificio esistente: No
- Tipo di opera: Opera ordinaria
- Vita nominale V_N: 50.00
- Classe d'uso: Classe II
- Forze orizzontali convenzionali per stati limite non sismici: No
- Genera stati limite per verifiche di resistenza al fuoco: No

Ambienti di carico
Simbologia
N = Numero
Comm. = Commento
1 = G1 - permanenti strutturali
2 = G2 - permanenti non strutturali
3 = Q - variabili cat. E
F = azioni orizzontali convenzionali
SLU = Stato limite ultimo
SLR = Stato limite per combinazioni rare
SLF = Stato limite per combinazioni frequenti
SLQ/D = Stato limite per combinazioni quasi permanenti o di danno
S = Sì
N = No

N	Comm.	1	2	3	SLU	SLR	SLF	SLQ
1	Calcolo statico	S	S	S	S	S	S	S

Elenco combinazioni di carico simboliche

Simbologia
CC = Numero della combinazione delle condizioni di carico elementari
Comm. = Commento
TCC = Tipo di combinazione di carico
SLU = Stato limite ultimo
SLE R = Stato limite d'esercizio, combinazione rara
SLE F = Stato limite d'esercizio, combinazione frequente
SLE Q = Stato limite d'esercizio, combinazione quasi permanente

CC	Comm.	TCC	1	2	3
1	Amb. 1 (SLU)	SLU	γ max	γ max	γ max
2	Amb. 1 (SLE R)	SLE R	1	1	1
3	Amb. 1 (SLE F)	SLE F	1	1	ψ_1
4	Amb. 1 (SLE Q)	SLE Q	1	1	ψ_2

Genera le combinazioni con un solo carico di tipo variabile come di base: No

Considera sollecitazioni dinamiche con segno dei modi principali: No

Combinazioni delle CCE

Simbologia
An. = Tipo di analisi
L = Lineare
NL = Non lineare
Bk = Buckling
S = Sì

N = No
CC = Numero della combinazione delle condizioni di carico elementari
Comm. = Commento
TCC = Tipo di combinazione di carico
SLU = Stato limite ultimo
SLE R = Stato limite d'esercizio, combinazione rara
SLE F = Stato limite d'esercizio, combinazione frequente
SLE Q = Stato limite d'esercizio, combinazione quasi permanente

CC	Comm.	TCC	An.	Bk	1	2	3
1	Amb. 1 (SLU)	SLU	L	N	1.30	1.50	1.50
2	Amb. 1 (SLE R)	SLE R	L	N	1.00	1.00	1.00
3	Amb. 1 (SLE F)	SLE F	L	N	1.00	1.00	0.90
4	Amb. 1 (SLE Q)	SLE Q	L	N	1.00	1.00	0.80

Tensioni sul terreno

Simbologia
σ_t = Tensione sul terreno
CC = Numero della combinazione delle condizioni di carico elementari
Nodo = Numero del nodo
TCC = Tipo di combinazione di carico
SLU = Stato limite ultimo
SLE R = Stato limite d'esercizio, combinazione rara
SLE F = Stato limite d'esercizio, combinazione frequente
SLE Q = Stato limite d'esercizio, combinazione quasi permanente

Nodo		CC	TCC	σ_t <daN/cmq>
-248	Max	1	SLU	0.38
-246	Min.	4	SLE Q	0.26
-243	Max	1	SLU	0.38
-241	Min.	4	SLE Q	0.26
-238	Max	1	SLU	0.37
-236	Min.	4	SLE Q	0.26
-233	Max	1	SLU	0.37
-231	Min.	4	SLE Q	0.25
-228	Max	1	SLU	0.36
-226	Min.	4	SLE Q	0.25
-223	Max	1	SLU	0.35
-221	Min.	4	SLE Q	0.24
-218	Max	1	SLU	0.35
-216	Min.	4	SLE Q	0.24
-213	Max	1	SLU	0.34
-211	Min.	4	SLE Q	0.24
-208	Max	1	SLU	0.34
-206	Min.	4	SLE Q	0.24
-203	Max	1	SLU	0.34
-201	Min.	4	SLE Q	0.24
-190	Max	1	SLU	0.34
-188	Min.	4	SLE Q	0.23
-185	Max	1	SLU	0.34
-175	Min.	4	SLE Q	0.23
-172	Max	1	SLU	0.33
-170	Min.	4	SLE Q	0.23
-151	Max	1	SLU	0.34
-149	Min.	4	SLE Q	0.23
-146	Max	1	SLU	0.34
-128	Min.	4	SLE Q	0.24
-125	Max	1	SLU	0.34
-123	Min.	4	SLE Q	0.24
-104	Max	1	SLU	0.34
-102	Min.	4	SLE Q	0.24
-99	Max	1	SLU	0.34
-97	Min.	4	SLE Q	0.24
-78	Max	1	SLU	0.35
-76	Min.	4	SLE Q	0.24
-73	Max	1	SLU	0.35
-55	Min.	4	SLE Q	0.25
-52	Max	1	SLU	0.36
-50	Min.	4	SLE Q	0.25
-31	Max	1	SLU	0.37
-29	Min.	4	SLE Q	0.26
-26	Max	1	SLU	0.37
-8	Min.	4	SLE Q	0.26
-5	Max	1	SLU	0.38
-3	Min.	4	SLE Q	0.26

Nodo		CC	TCC	σ_t <daN/cmq>
-248	Min.	4	SLE Q	0.26
-245	Max	1	SLU	0.38
-243	Min.	4	SLE Q	0.26
-240	Max	1	SLU	0.37
-238	Min.	4	SLE Q	0.26
-235	Max	1	SLU	0.37
-233	Min.	4	SLE Q	0.26
-230	Max	1	SLU	0.36
-228	Min.	4	SLE Q	0.25
-225	Max	1	SLU	0.36
-223	Min.	4	SLE Q	0.24
-220	Max	1	SLU	0.35
-218	Min.	4	SLE Q	0.24
-215	Max	1	SLU	0.34
-213	Min.	4	SLE Q	0.24
-210	Max	1	SLU	0.34
-208	Min.	4	SLE Q	0.24
-205	Max	1	SLU	0.34
-203	Min.	4	SLE Q	0.24
-192	Max	1	SLU	0.34
-190	Min.	4	SLE Q	0.23
-187	Max	1	SLU	0.34
-185	Min.	4	SLE Q	0.23
-174	Max	1	SLU	0.33
-172	Min.	4	SLE Q	0.23
-169	Max	1	SLU	0.33
-151	Min.	4	SLE Q	0.23
-148	Max	1	SLU	0.34
-146	Min.	4	SLE Q	0.23
-127	Max	1	SLU	0.34
-125	Min.	4	SLE Q	0.24
-122	Max	1	SLU	0.34
-104	Min.	4	SLE Q	0.24
-101	Max	1	SLU	0.34
-99	Min.	4	SLE Q	0.24
-80	Max	1	SLU	0.35
-78	Min.	4	SLE Q	0.24
-75	Max	1	SLU	0.35
-73	Min.	4	SLE Q	0.25
-54	Max	1	SLU	0.36
-52	Min.	4	SLE Q	0.25
-49	Max	1	SLU	0.36
-31	Min.	4	SLE Q	0.26
-28	Max	1	SLU	0.37
-26	Min.	4	SLE Q	0.26
-7	Max	1	SLU	0.38
-5	Min.	4	SLE Q	0.26
-2	Max	1	SLU	0.38

Nodo		CC	TCC	σ_t <daN/cmq>
-247	Max	1	SLU	0.38
-245	Min.	4	SLE Q	0.26
-242	Max	1	SLU	0.38
-240	Min.	4	SLE Q	0.26
-237	Max	1	SLU	0.37
-235	Min.	4	SLE Q	0.26
-232	Max	1	SLU	0.36
-230	Min.	4	SLE Q	0.25
-227	Max	1	SLU	0.36
-225	Min.	4	SLE Q	0.25
-222	Max	1	SLU	0.35
-220	Min.	4	SLE Q	0.24
-217	Max	1	SLU	0.35
-215	Min.	4	SLE Q	0.24
-212	Max	1	SLU	0.34
-210	Min.	4	SLE Q	0.24
-207	Max	1	SLU	0.34
-205	Min.	4	SLE Q	0.24
-202	Max	1	SLU	0.34
-192	Min.	4	SLE Q	0.23
-189	Max	1	SLU	0.34
-187	Min.	4	SLE Q	0.23
-176	Max	1	SLU	0.33
-174	Min.	4	SLE Q	0.23
-171	Max	1	SLU	0.33
-169	Min.	4	SLE Q	0.23
-150	Max	1	SLU	0.34
-148	Min.	4	SLE Q	0.23
-145	Max	1	SLU	0.34
-127	Min.	4	SLE Q	0.24
-124	Max	1	SLU	0.34
-122	Min.	4	SLE Q	0.24
-103	Max	1	SLU	0.34
-101	Min.	4	SLE Q	0.24
-98	Max	1	SLU	0.34
-80	Min.	4	SLE Q	0.25
-77	Max	1	SLU	0.35
-75	Min.	4	SLE Q	0.24
-56	Max	1	SLU	0.36
-54	Min.	4	SLE Q	0.25
-51	Max	1	SLU	0.36
-49	Min.	4	SLE Q	0.25
-30	Max	1	SLU	0.37
-28	Min.	4	SLE Q	0.26
-25	Max	1	SLU	0.37
-7	Min.	4	SLE Q	0.26
-4	Max	1	SLU	0.38
-2	Min.	4	SLE Q	0.26

Nodo		CC	TCC	σ_t <daN/cmq>
-247	Min.	4	SLE Q	0.26
-244	Max	1	SLU	0.38
-242	Min.	4	SLE Q	0.26
-239	Max	1	SLU	0.37
-237	Min.	4	SLE Q	0.26
-234	Max	1	SLU	0.37
-232	Min.	4	SLE Q	0.25
-229	Max	1	SLU	0.36
-227	Min.	4	SLE Q	0.25
-224	Max	1	SLU	0.35
-222	Min.	4	SLE Q	0.24
-219	Max	1	SLU	0.35
-217	Min.	4	SLE Q	0.25
-214	Max	1	SLU	0.34
-212	Min.	4	SLE Q	0.24
-209	Max	1	SLU	0.34
-207	Min.	4	SLE Q	0.24
-204	Max	1	SLU	0.34
-202	Min.	4	SLE Q	0.24
-191	Max	1	SLU	0.34
-189	Min.	4	SLE Q	0.23
-186	Max	1	SLU	0.34
-176	Min.	4	SLE Q	0.23
-173	Max	1	SLU	0.33
-171	Min.	4	SLE Q	0.23
-152	Max	1	SLU	0.34
-150	Min.	4	SLE Q	0.23
-147	Max	1	SLU	0.34
-145	Min.	4	SLE Q	0.23
-126	Max	1	SLU	0.34
-124	Min.	4	SLE Q	0.24
-121	Max	1	SLU	0.34
-103	Min.	4	SLE Q	0.24
-100	Max	1	SLU	0.34
-98	Min.	4	SLE Q	0.24
-79	Max	1	SLU	0.35
-77	Min.	4	SLE Q	0.24
-74	Max	1	SLU	0.35
-56	Min.	4	SLE Q	0.25
-53	Max	1	SLU	0.36
-51	Min.	4	SLE Q	0.25
-32	Max	1	SLU	0.37
-30	Min.	4	SLE Q	0.26
-27	Max	1	SLU	0.37
-25	Min.	4	SLE Q	0.26
-6	Max	1	SLU	0.38
-4	Min.	4	SLE Q	0.26
-1	Max	1	SLU	0.38

Nodo		CC	TCC	σ_t <daN/cmq>
-246	Max	1	SLU	0.38
-244	Min.	4	SLE Q	0.26
-241	Max	1	SLU	0.38
-239	Min.	4	SLE Q	0.26
-236	Max	1	SLU	0.37
-234	Min.	4	SLE Q	0.26
-231	Max	1	SLU	0.36
-229	Min.	4	SLE Q	0.25
-226	Max	1	SLU	0.36
-224	Min.	4	SLE Q	0.25
-221	Max	1	SLU	0.35
-219	Min.	4	SLE Q	0.24
-216	Max	1	SLU	0.34
-214	Min.	4	SLE Q	0.24
-211	Max	1	SLU	0.34
-209	Min.	4	SLE Q	0.24
-206	Max	1	SLU	0.34
-204	Min.	4	SLE Q	0.24
-201	Max	1	SLU	0.34
-191	Min.	4	SLE Q	0.23
-188	Max	1	SLU	0.34
-186	Min.	4	SLE Q	0.23
-175	Max	1	SLU	0.33
-173	Min.	4	SLE Q	0.23
-170	Max	1	SLU	0.33
-152	Min.	4	SLE Q	0.23
-149	Max	1	SLU	0.34
-147	Min.	4	SLE Q	0.23
-128	Max	1	SLU	0.34
-126	Min.	4	SLE Q	0.24
-123	Max	1	SLU	0.34
-121	Min.	4	SLE Q	0.24
-102	Max	1	SLU	0.34
-100	Min.	4	SLE Q	0.24
-97	Max	1	SLU	0.34
-79	Min.	4	SLE Q	0.24
-76	Max	1	SLU	0.35
-74	Min.	4	SLE Q	0.24
-55	Max	1	SLU	0.36
-53	Min.	4	SLE Q	0.25
-50	Max	1	SLU	0.36
-32	Min.	4	SLE Q	0.26
-29	Max	1	SLU	0.37
-27	Min.	4	SLE Q	0.26
-8	Max	1	SLU	0.38
-6	Min.	4	SLE Q	0.26
-3	Max	1	SLU	0.38
-1	Min.	4	SLE Q	0.26

Sollecitazioni elementi bidimensionali
Simbologia
σ_{xx} = Tensione normale sulle facce perp. all'asse X
σ_{zz} = Tensione normale sulle facce perp. all'asse Z
τ_{xy} = Tensione in dir. Y sulle facce perp. all'asse X
τ_{xz} = Tensione in dir. Z sulle facce perp. all'asse X
τ_{zy} = Tensione in dir. Y sulle facce perp. all'asse Z
Bid. = Numero del muro/elemento bidimensionale
CC = Numero della combinazione delle condizioni di carico elementari
Mxx = Momento che provoca variazione di tensione sulle facce perp. all'asse X
Mxz = Momento che provoca variazione di tensione tangenziale sulle facce perp. all'asse X
Mzz = Momento che provoca variazione di tensione sulle facce perp. all'asse Z
Nodo = Numero del nodo
TCC = Tipo di combinazione di carico
SLU = Stato limite ultimo
SLE R = Stato limite d'esercizio, combinazione rara
SLE F = Stato limite d'esercizio, combinazione frequente
SLE Q = Stato limite d'esercizio, combinazione quasi permanente

Bid. 8

	CC	TCC	Nodo	Min.	CC	TCC	Nodo	Max		CC	TCC	Nodo	Min.	CC	TCC	Nodo	Max
σ_{xx} <daN/mq>	1	SLU	-147	0	1	SLU	-213	0	σ_{zz} <daN/mq>	1	SLU	-127	0	1	SLU	-223	0

τ_{xz} <daN/mq>	1	SLU	-150	0	1	SLU	-217	0	Mxx <daNm/m>	1	SLU	-28	-1869	1	SLU	-25	612
Mzz <daNm/m>	1	SLU	-175	-5827	1	SLU	-25	466	Mxz <daNm/m>	1	SLU	-50	-627	1	SLU	-226	627
τ_{zy} <daN/mq>	1	SLU	-26	-11989	1	SLU	-234	11989	τ_{xy} <daN/mq>	1	SLU	-235	-9196	1	SLU	-238	9196

Verifiche e armature solette/platee

Simbologia

Δ_{sm} = Distanza media tra le fessure
Φ_{eq} = Diametro equivalente delle barre
ε_{sm} = Deformazione unitaria media dell'armatura (*1000)
σ_c = Tensione nel calcestruzzo
σ_f = Tensione nel ferro
σ_s = Tensione nell'acciaio nella sezione fessurata
$A_{c\ eff}$ = Area di calcestruzzo efficace
A_s = Area complessiva dei ferri nell'area di calcestruzzo efficace
AfE I = Area di ferro effettiva totale presente nel punto di verifica, inferiore
AfE S = Area di ferro effettiva totale presente nel punto di verifica, superiore
AfE St. = Area di ferro effettiva della staffatura
CC = Numero della combinazione delle condizioni di carico elementari
Cf inf = Copriferro inferiore
Cf sup = Copriferro superiore
Cls = Tipo di calcestruzzo
DV = Direzione di verifica
XX = Verifica per momento Mxx
YY = Verifica per momento Myy
Fcd = Resistenza di calcolo a compressione del calcestruzzo
Fck = Resistenza caratteristica cilindrica a compressione del calcestruzzo
Fctd = Resistenza di calcolo a trazione del calcestruzzo
Fctk = Resistenza caratteristica a trazione del calcestruzzo
Fyd = Resistenza di calcolo dell'acciaio
Fyk = Tensione caratteristica di snervamento dell'acciaio
K_2 = Coefficiente per distribuzione deformazioni
MRdy = Momento resistente allo stato limite ultimo intorno all'asse Y
Mom = Momento flettente
My = Momento flettente intorno all'asse Y
Nodo = Numero del nodo
Sic. = Sicurezza
Spess. = Spessore
TCC = Tipo di combinazione di carico
SLU = Stato limite ultimo
SLE R = Stato limite d'esercizio, combinazione rara
SLE F = Stato limite d'esercizio, combinazione frequente
SLE Q = Stato limite d'esercizio, combinazione quasi permanente
Tp = Tipo di acciaio
VRcd = Taglio ultimo lato calcestruzzo
VRsd = Taglio ultimo lato armatura
Vrdu = Taglio ultimo resistente
Vsdu = Taglio agente nella direzione del momento ultimo
Wk = Ampiezza caratteristica delle fessure
X = Coordinata X del nodo
Y = Coordinata Y del nodo
c = Ricoprimento dell'armatura
ctgθ = Cotangente dell'angolo di inclinazione dei puntoni di calcestruzzo
s = Distanza massima tra le barre

Armatura platea a quota 0.00

Caratteristiche delle sezioni e dei materiali utilizzati

Spess. <cm>	Cf sup <cm>	Cf inf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Tp	Fyk <daN/cmq>	Fyd <daN/cmq>
50.00	3.50	3.50	C32/40	332.00	21.69	188.13	14.46	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/pressoflessione

Nodo	X <m>	Y <m>	DV	CC	TCC	AfE S <cmq>	AfE I <cmq>	My <daNm>	MRdy <daNm>	Sic.
-1	0.88	1.00	XX	1	SLU	7.70	7.70	612.45	13950.30	22.778
-4	2.50	1.00	XX	1	SLU	7.70	7.70	-1693.91	-13950.30	8.236
-1	0.88	1.00	YY	1	SLU	7.70	7.70	466.37	13950.30	29.913
-169	0.88	4.50	YY	1	SLU	7.70	7.70	-5827.10	-13950.30	2.394

Stato limite ultimo - Verifiche a taglio

Nodo	X <m>	Y <m>	DV	CC	TCC	AfE S <cmq>	AfE I <cmq>	AfE St. <cmq/m>	Vsdu <daN>	ctgθ	VRcd <daN>	VRsd <daN>	Vrdu <daN>	Sic.
-3	2.00	1.00	XX	1	SLU	7.70	7.70		3335.10				19980.80	5.991
-49	0.88	2.00	YY	1	SLU	7.70	7.70		5339.65				19980.80	3.742

Stato limite d'esercizio - Verifiche tensionali

Nodo	X <m>	Y <m>	DV	CC	TCC	AfE S <cmq>	AfE I <cmq>	Mom <daNm>	σ_c <daN/cmq>	σ_f <daN/cmq>
-1	0.88	1.00	XX	2	SLE R	7.70	7.70	408.30	1.87	121.88
-1	0.88	1.00	XX	4	SLE Q	7.70	7.70	408.30	1.87	121.88
-4	2.50	1.00	XX	2	SLE R	7.70	7.70	-1129.27	5.16	337.10
-4	2.50	1.00	XX	4	SLE Q	7.70	7.70	-1129.27	5.16	337.10
-1	0.88	1.00	YY	2	SLE R	7.70	7.70	310.91	1.42	92.81
-1	0.88	1.00	YY	4	SLE Q	7.70	7.70	310.91	1.42	92.81
-169	0.88	4.50	YY	2	SLE R	7.70	7.70	-3884.74	17.75	1159.64
-169	0.88	4.50	YY	4	SLE Q	7.70	7.70	-3884.74	17.75	1159.64

Stato limite d'esercizio - Verifiche a fessurazione

Nodo	X <m>	Y <m>	DV	CC	TCC	c <mm>	s <mm>	K_2	Φ_{eq}	Δ_{sm} <mm>	A_s <cmq>	$A_{c\ eff}$ <cmq>	σ_s <daN/cmq>	ε_{sm}	Wk <mm>
-1	0.88	1.00	XX	4	SLE Q	28.00	200.00	0.50	14.00	309.89	9.24	875.00	121.88	0.04	0.02
-1	0.88	1.00	XX	3	SLE F	28.00	200.00	0.50	14.00	309.89	9.24	875.00	121.88	0.04	0.02
-4	2.50	1.00	XX	4	SLE Q	28.00	200.00	0.50	14.00	309.89	9.24	875.00	337.10	0.10	0.05
-4	2.50	1.00	XX	3	SLE F	28.00	200.00	0.50	14.00	309.89	9.24	875.00	337.10	0.10	0.05
-1	0.88	1.00	YY	4	SLE Q	28.00	200.00	0.50	14.00	309.89	9.24	875.00	92.81	0.03	0.01
-1	0.88	1.00	YY	3	SLE F	28.00	200.00	0.50	14.00	309.89	9.24	875.00	92.81	0.03	0.01
-169	0.88	4.50	YY	4	SLE Q	28.00	200.00	0.50	14.00	309.89	9.24	875.00	1159.64	0.34	0.18
-169	0.88	4.50	YY	3	SLE F	28.00	200.00	0.50	14.00	309.89	9.24	875.00	1159.64	0.34	0.18

12.0 VALUTAZIONE DEI RISULTATI E GIUDIZIONE MOTIVATO SULLA LORO ACCETTABILITA'

Il programma di calcolo utilizzato Modest è idoneo a riprodurre nel modello matematico il comportamento della struttura e gli elementi finiti disponibili e utilizzati sono rappresentativi della realtà costruttiva. Le funzioni di controllo disponibili, innanzitutto quelle grafiche, consentono di verificare la riproduzione della realtà costruttiva ed accertare la corrispondenza del modello con la geometria strutturale e con le condizioni di carico ipotizzate. In ogni caso sono stati effettuati alcuni controlli dimensionali con gli strumenti software a disposizione dell'utente. Tutte le proprietà di rilevanza strutturale (materiali, sezioni, carichi, sconnessioni, etc.) sono state controllate attraverso le funzioni di indagine specificatamente previste.

Sono state sfruttate le funzioni di autodiagnostica presenti nel software che hanno accertato che non sussistono difetti formali di impostazione.

È stato accertato che le risultanti delle azioni verticali sono in equilibrio con i carichi applicati.

Sono state controllate le azioni taglianti di piano ed accertata la loro congruenza con quella ricavabile da semplici ed agevoli elaborazioni. Le sollecitazioni prodotte da alcune combinazioni di carico di prova hanno prodotto valori prossimi a quelli ricavabili adottando consolidate formulazioni ricavate della Scienza delle Costruzioni. Anche le deformazioni risultano prossime ai valori attesi. Il dimensionamento e le verifiche di sicurezza hanno determinato risultati che sono in linea con casi di comprovata validità, confortati anche dalla propria esperienza.

13.0 INFORMAZIONI INTEGRATIVE SULL'USO DEI CODICI DI CALCOLO

Codice di calcolo adottato, solutore e affidabilità dei risultati

Titolo del codice di calcolo: Modest;

Autore, produttore e distributore: Tecnisoft s.a.s., via F. Ferrucci 203/C, 59100 Prato (PO);

Versione: Modest Versione 8.28

Estremi della licenza d'uso o di altra forma di autorizzazione all'uso: numero di licenza 7279

AFFIDABILITA' DEL CODICE DI CALCOLO

In base a quanto richiesto al par. 10.2 del D.M. 17.01.2018 (Norme Tecniche per le Costruzioni) il produttore e distributore Tecnisoft s.a.s. espone la seguente relazione riguardante il solutore numerico e, più in generale, la procedura di analisi e dimensionamento Modest.

Si fa presente che sul proprio sito è disponibile sia il manuale teorico del solutore sia il documento comprendente i numerosi esempi di validazione.

Si riporta nel seguito la dichiarazione di affidabilità fornita dalla software house.

tecnisoft
Strumenti solidi come i vostri progetti

Tecnisoft s.a.s. di Papi Paolo Luca & C.
Via F. Ferrucci, 203/C - 59100 Prato
Tel. 0574 583421 - Fax 0574 592705
C.F. e P.IVA 01555190972
R.E.A. C.C.I.A.A. Prato n. 421503

DICHIARAZIONE DI AFFIDABILITÀ DEL PROGRAMMA MODEST

Facendo seguito a quanto richiesto dalle Norme Tecniche per le Costruzioni, la società Tecnisoft s.a.s. produttrice e distributrice del programma ModeSt, dichiara quanto segue.

Il programma ModeSt è un pre-post processore per solutori ad elementi finiti prodotti da altre società ed alle quali si rimanda per i relativi test di affidabilità. Si segnala comunque che i solutori supportati sono di riconosciuta fama nazionale e internazionale e di comprovata affidabilità (Xfinest, SAP2000) e che vengono distribuiti con i relativi test di validazione.

ModeSt contiene comunque al suo interno procedure che l'utente può attivare per il controllo di congruenza sui dati introdotti, procedure che riconoscono in automatico la presenza dei più tipici errori di modellazione.

Al termine del calcolo sono interrogabili sia numericamente che graficamente tutti i risultati, per consentire la valutazione della bontà della modellazione effettuata.

Le procedure di progettazione delle armature degli elementi in c.a. o di verifica degli elementi in acciaio, legno o muratura segnalano sempre le situazioni in cui non sono soddisfatte le condizioni di verifica previste dalla normativa ed implementate nel software. Anche in questo caso si possono effettuare controlli grafici e numerici su stati tensionali, domini di rottura, ecc.

Le procedure di progetto e verifica sono state testate con numerosi esempi reperiti in letteratura o risolti manualmente. Tali esempi sono riportati all'interno di un manuale fornito insieme al programma.

Prato, 30 maggio 2011

Tecnisoft s.a.s.
Socio Accomandatario
Papi Paolo

Il Progettista
Vito Bretti