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GRUPPO FS ITALIANE

Direzione Progettazione e Realizzazione Lavori

ADEGUAMENTO S.S. n°87 "SANNITICA"

INTERVENTI LOCALIZZATI PER GARANTIRE LA PERCORRIBILITA' IMMEDIATA TRATTO "CAMPOBASSO – BIVIO S.ELIA" LOTTI A2 E A3

PROGETTO DEFINITIVO

CB-150

A.T.I. di PROGETTAZIONE:

(Mandataria)

bonifica spa

(Mandante)

SOIL ENGINEERING Geotechnics Geology Structures Offshore

(Mandante)

FRANCHETTI

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VI04

Relazione tecnica e di calcolo - Opere di protezione spalle e pile

CODICE PROGETTO	NOME FILE: T00VI04STRRE03B	REVISIONE	SCALA
PROGETTO: DPCB0150 LIV.PROG.: D ANNO: 22	CODICE ELAB.: T00VI04STRRE03	B	-

REV.	DESCRIZIONE	DATA	REDATTO	VERIFICATO	APPROVATO
B	ISTRUTTORIA ANAS	Luglio 2022	Ing. L. Martino Ing. C. Morerio	Geol. F. Staffini	Ing. L. Albert
A	EMISSIONE	Aprile 2022	Ing. L. Martino Ing. C. Morerio	Geol. F. Staffini	Ing. L. Albert

INDICE

1 INTRODUZIONE

Il presente documento costituisce la relazione tecnica e di calcolo di Progetto Definitivo delle opere di protezione e dei pali di fondazione delle spalle e delle pile del Viadotto 04 (VI-04), lungo la S.S.n.87 "Sannitica".

1.1 INQUADRAMENTO

Il Progetto Definitivo degli interventi di adeguamento della "S.S. nel tratto Campobasso – Bivio S.Elia" prevede la realizzazione dei lotti A2 e A3 che si pongono in continuità con gli interventi già eseguiti e proseguono l'ammodernamento della SS87 in direzione di Campobasso per un'estensione di circa 3.400 m,in comune di Campolieto. Il tracciato di progetto prevede il miglioramento degli standard esistenti lungo la S.S.87 alle caratteristiche tecnico-funzionali di una strada tipo C2 "extraurbana secondaria" ai sensi del DM 5/11/2001 e l'eliminazione di due passaggi a livello con la linea FS Campobasso Termoli sulla direttrice principale di traffico.

La variante in progetto ha inizio al Km 155+500 in località "Masseria Lombardi", dove è prevista una rotatoria per consentire l'innesto con l'attuale "Sannitica" e per la ricucitura con la viabilità locale; nel primo chilometro di tracciato si va in variante ad un tratto della S.S. 87 attuale ad elevata tortuosità tra il Km 156+000 ed il 158+000 consentendo velocità di percorrenza più elevate ed accorciando lo sviluppo dell'itinerario. Il tracciato prosegue per circa due chilometri in affiancamento alla linea FS "Campobasso-Termoli" con curve di ampio raggio e tratti in rettifilo. Dopo aver oltrepassato la strada provinciale di Campolieto il percorso termina ricollegandosi alla S.S.87 attuale all'altezza della stazione FS di Campolieto-Monaciglioni al km 159+600 circa; lo sviluppo totale dell'intervento è di circa 3.335 ml.

L'intervento è caratterizzato dall'eliminazione per la direttrice principale di traffico di due passaggi a livello sulla linea FS "Campobasso-Termoli", che restano attivi per il transito della sola viabilità locale.

In Figura 1.1 si riporta una planimetria dell'intervento; la Figura 1.2 mostra la planimetria di dettaglio del viadotto in esame (VI-04).

1.2 OGGETTO E SCOPO

Nel presente documento si procederà al dimensionamento geotecnico e strutturale delle opere di difesa di spalle e pile di viadotti, costituite da coronelle tirantate di pali trivellati e alla definizione del comportamento sotto carichi assiali e trasversali delle fondazioni su pali previste per i plinti di spalle e pile.

Le opere sopra citate sono descritte nel dettaglio al Par. 3.

Il profilo geotecnico di riferimento e l'accelerazione sismica massima di progetto sono riportati al Par. 4.

1.3 NORMATIVA DI RIFERIMENTO

Le verifiche descritte nella relazione in oggetto sono state condotte ai sensi delle Norme Tecniche delle Costruzioni (NTC 2018, D.M. 17 Gennaio 2018, Rif. 2.1).

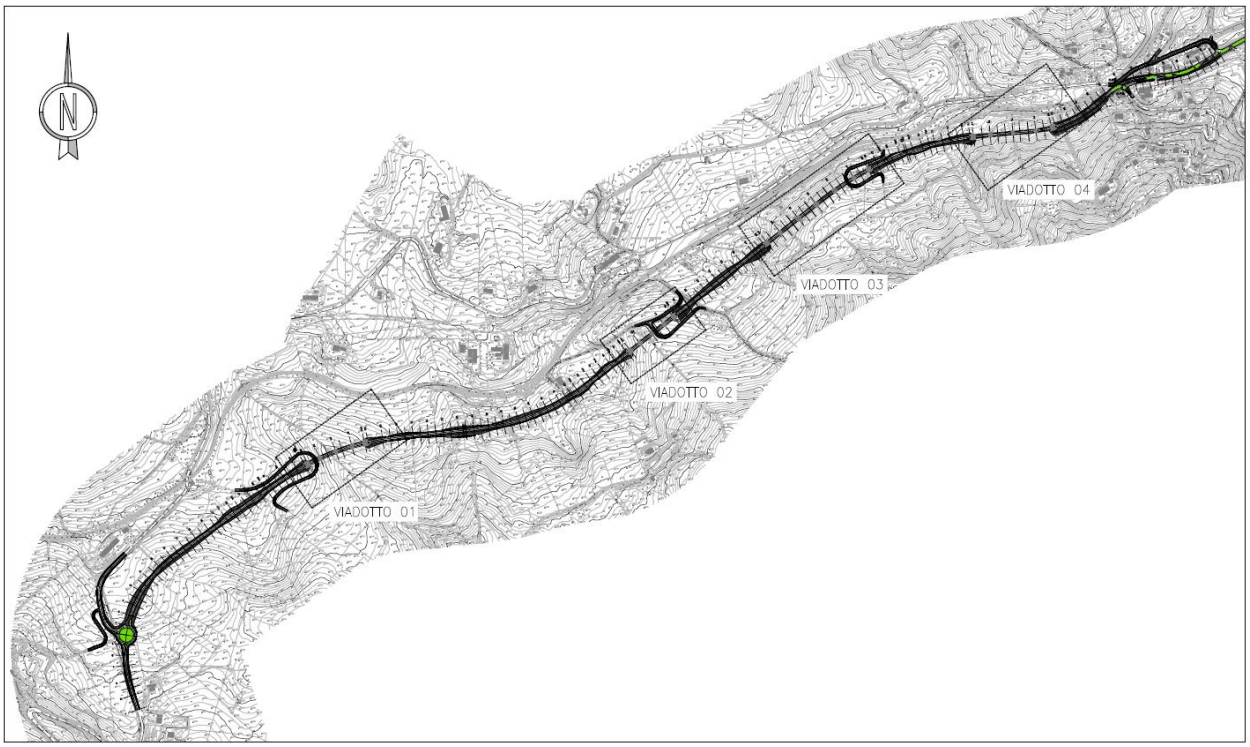


Figura 1.1 – Planimetria generale dell'area di intervento

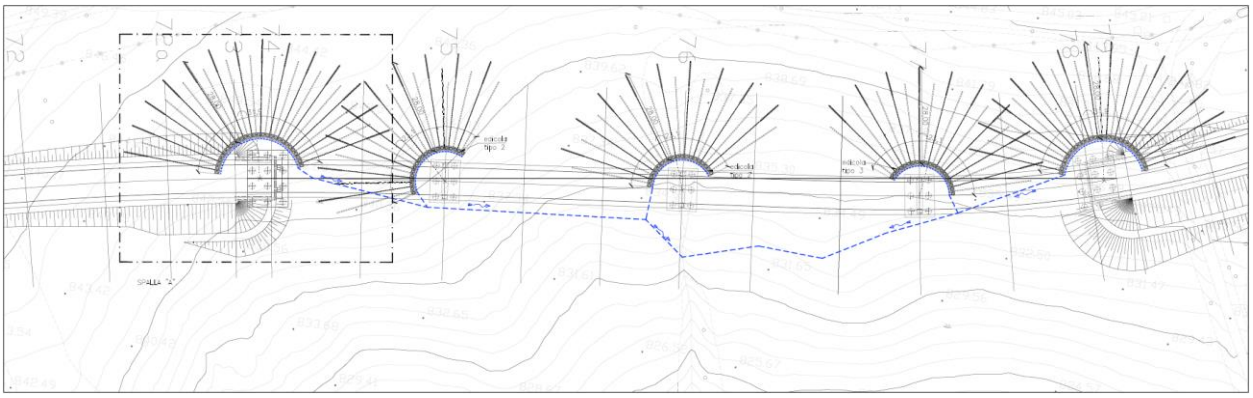


Figura 1.2 – Planimetria di dettaglio del Viadotto 4

2 RIFERIMENTI

2.1 NORMATIVA DI RIFERIMENTO

[1] D.M. 17 Gennaio 2018. "Aggiornamento delle «Norme tecniche per le costruzioni»" (G.U. n. 42 del 20 Febbraio 2018).

[2] Circolare 21 Gennaio 2019, n. 7 "Istruzioni per l'applicazione dell'«Aggiornamento delle "Norme tecniche per le costruzioni"» di cui al decreto ministeriale 17 gennaio 2018." (Suppl. Ordinario alla G.U. n. 35 del 11 Febbraio 2019).

[3] AGI - Associazione Geotecnica Italiana - "Raccomandazioni sui pali di fondazione", 1984

[4] AGI-AICAP – "Ancoraggi nei terreni e nelle rocce - Raccomandazioni", 2012

2.2 DOCUMENTI DI PROGETTO

[5] Doc. n. T00GE00GEORE03 "Relazione geologica, geomorfologica e idrogeologica"

[6] Doc. n. T00GE00GETRE01 "Relazione Geotecnica"

[7] Doc. n. T00GE00GETRE02 "Relazione Sismica"

[8] Doc. n. T00VI01STRRE01 "Relazione tecnica e di calcolo - Impalcato"

[9] Doc. n. T00VI01STRRE02 "Relazione tecnica e di calcolo - Sottostrutture"

[10] Doc. n. T00PS00GETRE01 "Relazione tecnica e di calcolo - Sezioni in rilevato e trincea"

2.3 BIBLIOGRAFIA

[11] Lancellotta R. (2012) – Geotecnica, Zanichelli

[12] C. Viggiani C. (2003) – Fondazioni, Hevelius Edizione.

[13] Berezantzev V.G. (1965) – "Design of deep foundation" VI ICSMFE, Montreal 1965, Vol.II

[14] Bustamante M. e Doix B. (1985) "Une Méthode pour le Calcul des Tirants et des Micropieux Injectés", Bull. Liaison Labo. P. et Ch. N. 140, nov dic 1985 – Réf. 3047.

2.4 SOFTWARE

[15] Plaxis 2D ver. 21.00.01.7, © 2006-2020 Plaxis BV, Delft, Netherlands.

[16] LPile ver. 2022.12.01, © 2022 Ensoft Inc., Austin, US-TX.

[17] Group ver. 2019.11.11, © 2022 Ensoft Inc., Austin, US-TX.

[18] RC-SEC ver. 2021.1.4.22, © 2022 GeoStru.

3 DESCRIZIONE DELLE OPERE

Le opere di protezione delle pile e delle spalle hanno la funzione di difendere le medesime dai movimenti franosi di versante identificati nell'area in esame (si veda Rif. [5]).

Il loro dimensionamento, come meglio spiegato al Par. 6.2, è volto a minimizzare gli effetti delle spinte trasversali del terreno sui plinti di fondazione, con due importanti conseguenze:

- riduzione delle sollecitazioni sui pali di fondazione (momenti flettenti e tagli);
- contenimento di spostamenti e rotazioni di pile e spalle entro limiti accettabili al fine di preservare la funzionalità dell'impalcato stradale sovrastante.

3.1 EDICOLE DI PROTEZIONE DELLE PILE

Le edicole di protezione delle pile sono composte da coronelle di 20÷22 pali D=800mm, disposti a interasse i=1.1m lungo archi di circonferenza di raggio r=8.4m, con un'apertura di circa 140°÷160°, orientate con l'asse mediano secondo la direzione locale della massima pendenza del versante.

In sommità è presente una trave di coronamento in c.a. di dimensioni 1.20x 0.70m (h. x v.), il cui estradosso viene mantenuto a 1.0m da p.c. per evitare interferenze con le attività agricole. Il suo andamento altimetrico è quindi dipendente dalla pendenza locale del terreno.

Sono previsti tiranti passivi, armati con tubolari valvolati di diametro D=139.7mm e spessore sp.=8÷10mm, diametro di perforazione D_{perf}=180mm, cementati con iniezioni multiple e ripetute nel tratto attivo e con successivo riempimento con rifluimento della boiacca da boccaforo. I tiranti sono inclinati di 30° rispetto all'orizzontale, con un tratto "libero" di 20m per andare a intestarsi nello strato profondo più consistente. Il loro interasse lungo il profilo della coronella di pali è pari a i=2.2÷3.3m, a seconda dei casi.

A una quota variabile da testa palo è prevista una trave di ripartizione in c.a. di dimensioni 0.60x0.70m (h. x v.), la quale corre orizzontalmente a collegare tutti i pali e i tiranti presenti. Questi ultimi sono resi collaboranti con la trave tramite piastre in acciaio saldate in testa di dimensioni 25x25cm sp. 30mm.

L'edicola è completata da un muretto interno di 30cm di spessore che si estende da fondo scavo fino a intradosso della trave di ripartizione e dall' estradosso di quest'utlima fino all'intradosso della trave di coronamento.

Tra il plinto di fondazione e l'edicola è prevista la posa di uno strato di polistirolo di 20cm di spessore, la cui funzione è di isolare ulteriormente il plinto rispetto agli spostanti dell'edicola.

Una vista in pianta e in sezione dell'edicola è riportata in Figura 3.1.

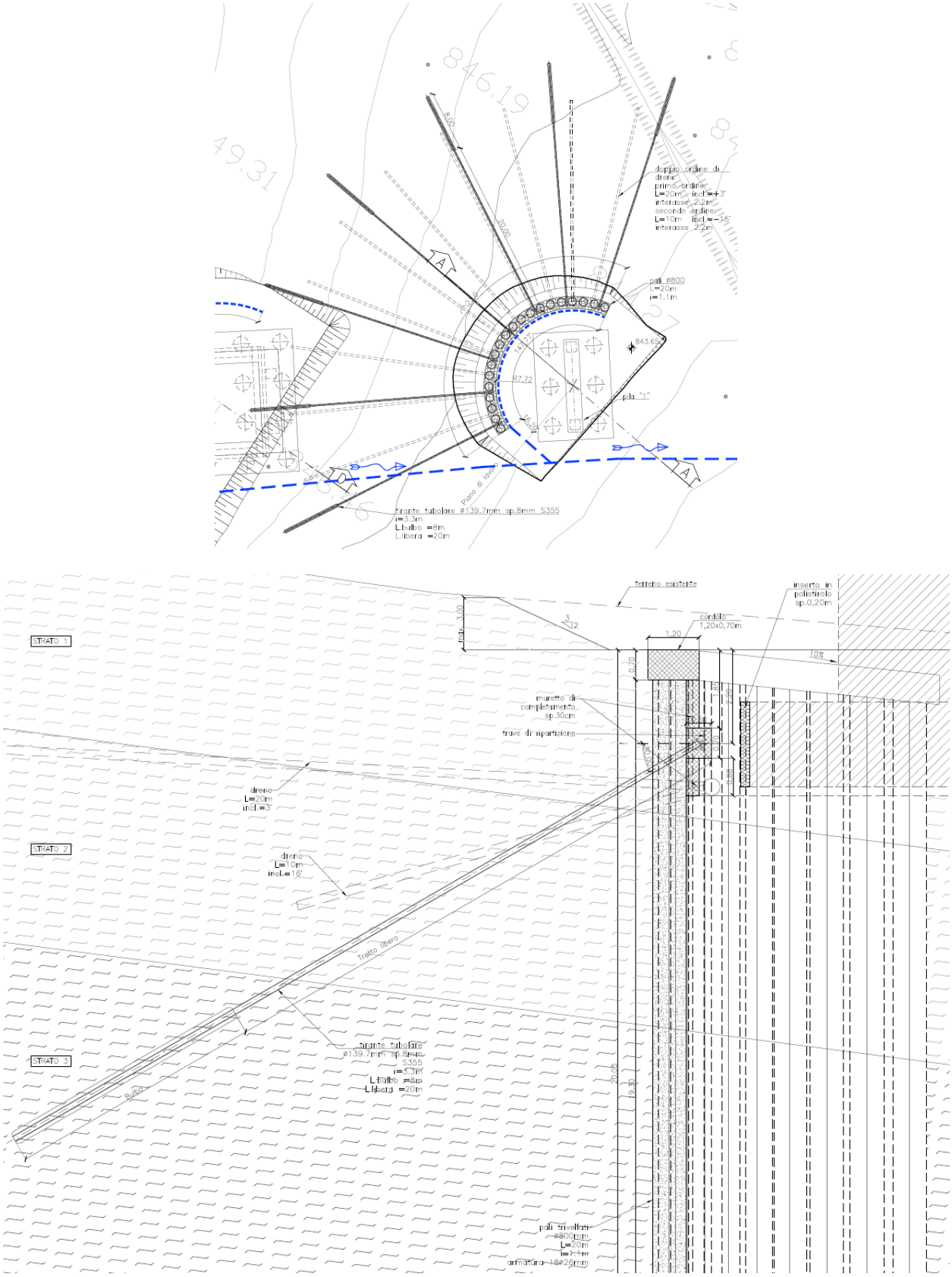


Figura 3.1 – Edicole di protezione delle pile

3.2 EDICOLE DI PROTEZIONE DELLE SPALLE

L'intervento è molto simile a quanto sopra, ma con uno sviluppo leggermente più esteso in virtù delle maggiori dimensioni dei manufatti di spalla: le coronelle sono sempre composte da pali D=800mm, disposti a interasse i=1.1m, ma in questo caso lungo archi di circonferenza di raggio r=11.0m, con un'apertura di circa 155°, per un totale quindi di 28 pali. Anche in questo caso le edicole sono orientate con l'asse mediano secondo la direzione locale della massima pendenza del versante

In sommità è prevista una trave di coronamento in c.a. di dimensioni 1.20x 0.70m (h. x v.), il cui estradosso anche in questo caso viene mantenuto a 1.0m da p.c. per evitare interferenze con le attività agricole.

Sono previsti tiranti passivi, armati con tubolari valvolati di diametro D=139.7mm e spessore sp.=8÷10mm, diametro di perforazione D_{perf}=180mm, cementati con iniezioni multiple e ripetute nel tratto attivo e con successivo riempimento con rifluimento della boiacca da boccaforo. I tiranti sono inclinati di 30° rispetto all'orizzontale, con un tratto "libero" di 20m per andare a intestarsi nello strato profondo più consistente; Il loro interasse è pari a i=2.2÷3.3m, a seconda dei casi.

A una quota variabile da testa palo è prevista una trave di ripartizione in c.a. di dimensioni 0.60x0.70m (h. x v.), la quale corre orizzontalmente a collegare tutti i pali e i tiranti presenti. Questi ultimi sono resi collaboranti alla trave tramite piastre in acciaio saldate in testa di dimensioni 25x25cm sp. 30mm.

L'edicola è completata da un muretto interno di 30cm di spessore che si estende da fondo scavo fino a intradosso della trave di ripartizione e dall'estradosso di quest'ultima fino all'intradosso della trave di coronamento.

Tra il plinto di fondazione e l'edicola è prevista la posa di uno strato di polistirolo di 20cm di spessore, la cui funzione è di isolare ulteriormente il plinto rispetto agli spostanti dell'edicola.

Una vista in pianta e in sezione dell'edicola è riportata in Figura 3.2 e Figura 3.3

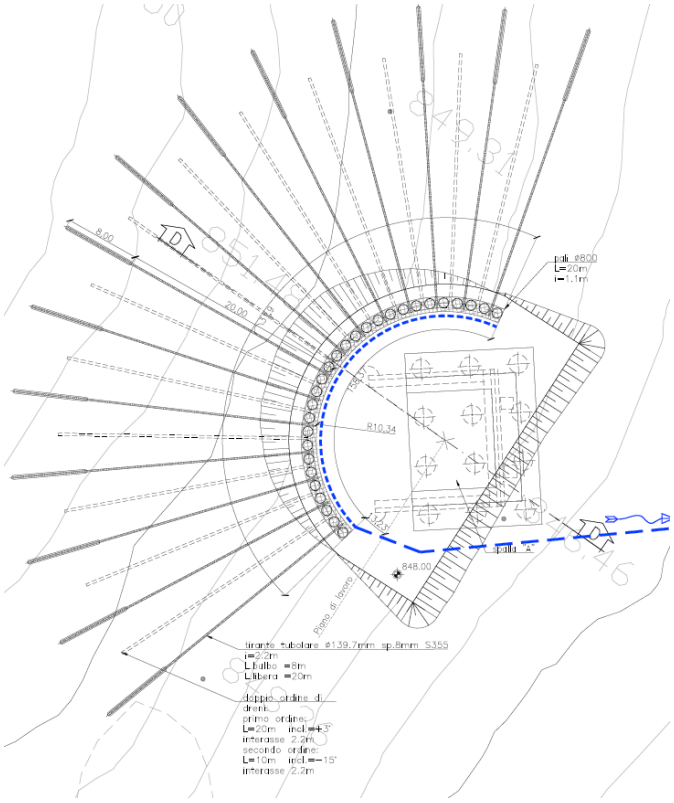


Figura 3.2 – Edicole di protezione delle spalle

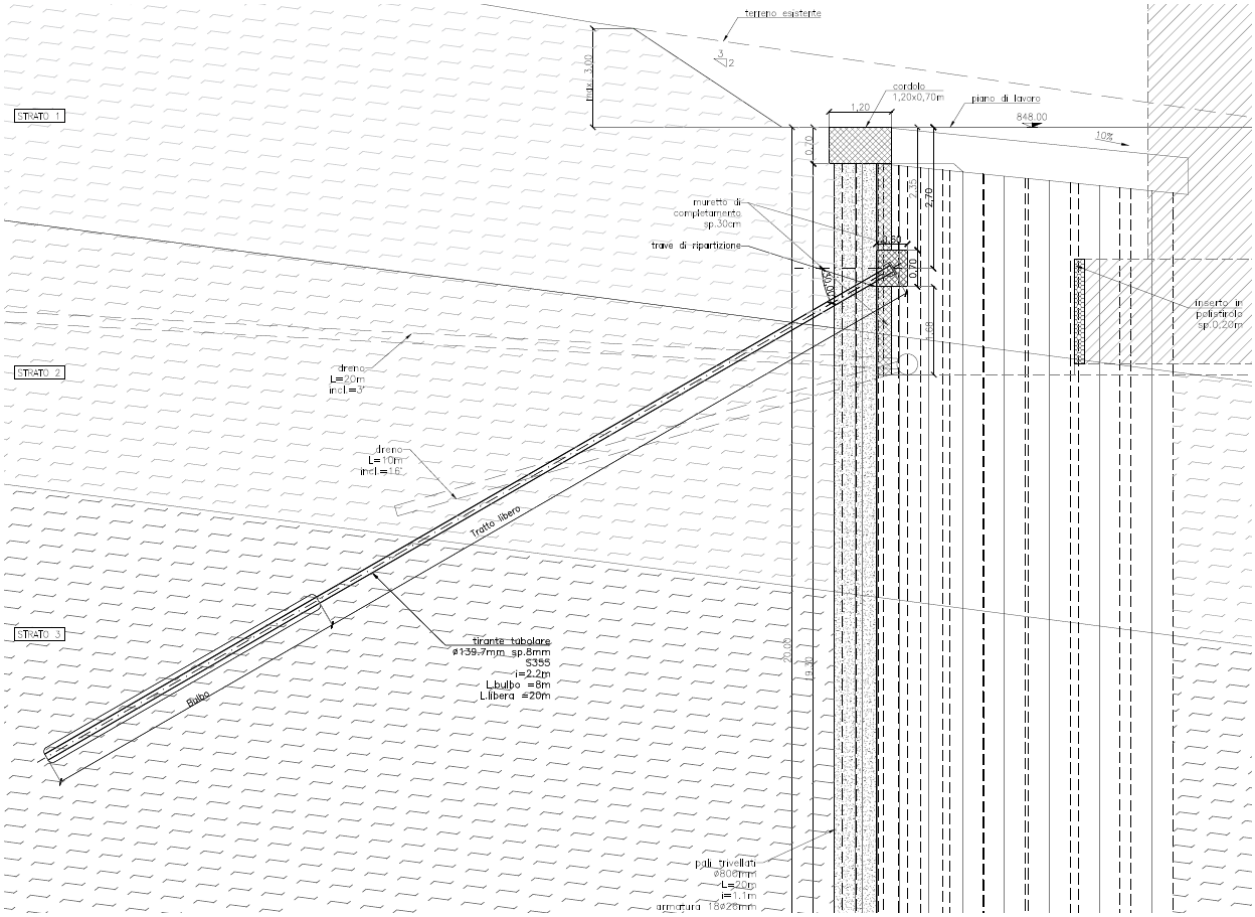


Figura 3.3 – Edicole di protezione delle spalle

3.3 SISTEMI DI DRENAGGIO

E' previsto un sistema di drenaggio all'interno delle edicole, composto da una coppia di tubi drenanti ∅200mm microfessurati, disposti come segue:

- 1° dreno: inclinato di 3° vs. alto, L 20m;
- 2° dreno: inclinato di 15°÷16° vs. basso, di lunghezza variabile in modo da superare di almeno 1m la superficie di scorrimento, situata a 5.0m da p.c.

L'interasse longitudinale dei dreni è di 2.2m (alternanza con la posizione dei tiranti).

I tubi microfessurati sono poi sono raccordati in sommità da un tubo corrugato in PVC ∅400mm, posto a valle della trave di coronamento. Il sistema di scolo delle acque afferisce infine agli impluvi naturali presenti lungo il percorso, come indicato in pianta nei relativi elaborati progettuali.

3.4 PALI DI FONDAZIONE DI PILE E SPALLE

I plinti di fondazione di pile e spalle poggiano su pali di fondazione di diametro D = 1500mm, di lunghezze variabili da 30m a 38m, in funzione delle capacità portanti assiali richieste.

I plinti di fondazione delle pile sono di due tipi:

- Tipo 1: dimensioni in pianta 7.50x10.80m, con 6 pali disposti su 2 file, distanziati 3.90m in direzione trasversale al viadotto e 4.50m in direzione longitudinale.

- Tipo 2: dimensioni in pianta 10.80x10.80m, con 7 pali disposti su 2 file da 3 nella direzione longitudinale del viadotto più uno centrale, distanziati 3.90m sia in direzione trasversale che longitudinale al viadotto.

I plinti di Tipo 2 sono applicati alle Pile n.2, 3 e 4 del Viadotto 03, per tutte le altre si applica il Tipo 1. Un dettaglio della disposizione dei pali è riportato in Figura 3.4

I plinti di fondazione delle spalle sono anch'essi di due tipi:

- Tipo 1: dimensioni in pianta 10.30x11.50m, con 8 pali disposti su due file, più 2 al centro, distanziati 3.90m in direzione longitudinale e 4.50m in direzione trasversale.
- Tipo 2: dimensioni in pianta 10.30x14.20m, con 12 pali disposti su 3 file, distanziati 3.90m sia in direzione longitudinale che trasversale.

I plinti di Tipo 1 sono destinati alle sole spalle del Viadotto 03; per tutti gli altri si utlizza il Tipo 2. Un dettaglio della disposizione dei pali è riportato in Figura 3.5.

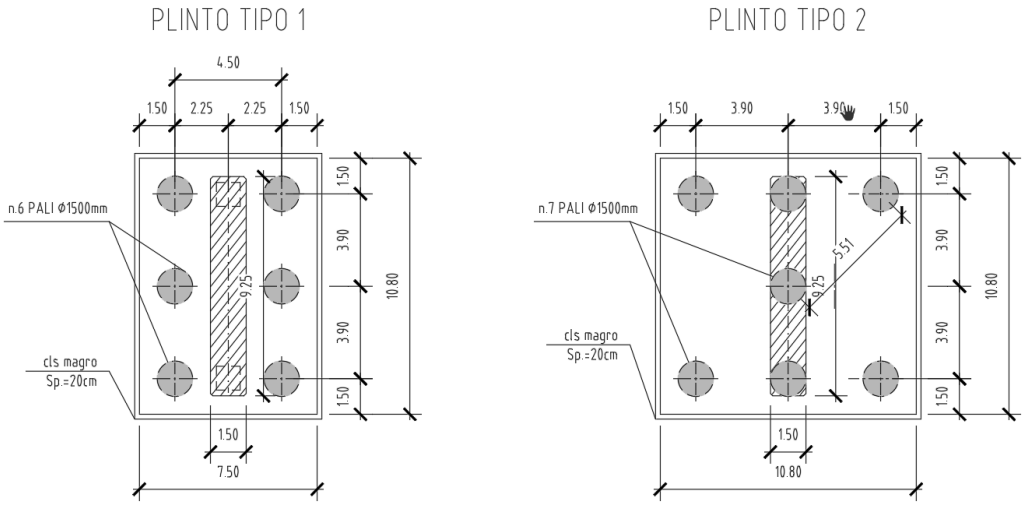


Figura 3.4 – Plinti tipologici delle Pile

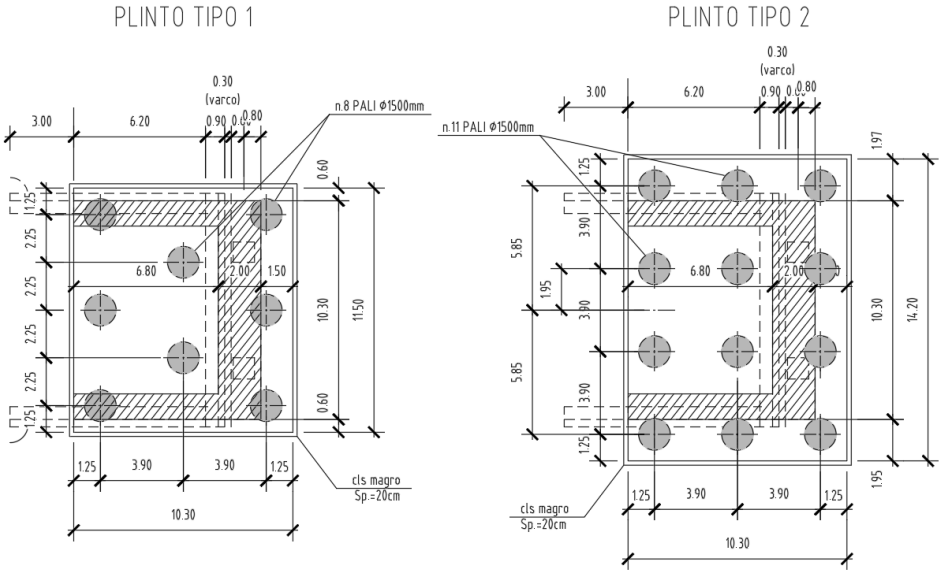


Figura 3.5 – Plinti tipologici delle Spalle

4 CARATTERISTICHE GEOTECNICHE LOCALI

4.1 STRATIGRAFIA E PARAMETRI GEOTECNICI DI PROGETTO

La stratigrafia di progetto adottata nei calcoli è riassunta in Tabella 4.1 ed è discussa in dettaglio e definita nella "Relazione Geotecnica" di cui al Rif. [5].

Nella citata relazione sono anche riportate le evidenze disponibili dalle indagini in sito e di laboratorio. Dalla loro interpretazione di dettaglio e tenendo conto anche delle indicazioni riportate nella "Relazione Geologica" (Rif. [6]), si è proceduto alla definizione del profilo geotecnico di riferimento e dei parametri geotecnici adottati in tutte le analisi delle opere geotecniche qui riportate.

I valori di cui sopra sono da intendersi come di miglior stima (valori caratteristici); come tali essi saranno impiegati agli stati limite di esercizio (SLE). Per quanto riguarda i calcoli agli stati limiti ultimi (SLU) e stati limite della salvaguardia della vita (SLV), in accordo a quanto previsto dalla normativa di riferimento (§ 6.2.2 e § 7.11delle NTC-2018, Rif. [1]) tali parametri saranno opportunamente fattorizzati, a seconda dell'approccio considerato.

Unità	Da	a	γ	Parametri drenati			Parametri non drenati	
				c'	ϕ	M_{DS}	c_u	E_u
	[m]	[m]	[KN/m^3]	[kPa]	[°]	[MPa]	[kPa]	[MPa]
Strato 1	0	5	19	4	22	7.5	50	10
Strato 2	5	10	19	4	24	30	200	50
Strato 3	10	-	19	20	24	45	300	75

Tabella 4.1 –Profilo di progetto

4.2 LIVELLO DI FALDA DI CALCOLO

Considerando quanto riportato nella "Relazione Geotecnica" (Rif. [5]) e nella "Relazione Geologica" (Rif. [6]) riguardo alle letture piezometriche disponibili si sono considerati i seguenti livelli di falda:

- per quanto riguarda le analisi FEM, dovendo tenere in conto anche la presenza della falda "sospesa" nei primi metri, responsabile dell'attivarsi dei movimenti franosi, il livello di falda è stato cautelativamente considerato a 2.0m da p.c.;
- per quanto riguarda i calcoli dei pali, il livello di falda è stato considerato a 9.0m da p.c. (Rif. [5]).

4.3 CONDIZIONI SISMICHE DI PROGETTO

Le condizioni sismiche attese al sito e le considerazioni riguardo al potenziale di liquefazione sono discusse in dettaglio nella "Relazione sismica", Rif. [7].

Nella citata relazione viene esclusa la possibilità di liquefazione per i terreni presenti in sito.

L'azione sismica di progetto è calcolata in accordo a quanto riportato ai paragrafi §2.4 e §3.2 delle NTC-2018 (Rif. [1]).

Come riportato nel Rif. [7], l'opera in esame è di Tipo 2 "Costruzioni con livelli di prestazione ordinari", in accordo a quanto riportato nella Tab. 2.4.I delle NTC-2018; ne risulta un valore minimo della Vita nominale, V_N, pari a:

V_N = 50 anni

L'opera ricade nella Classe d'uso IV. Il valore del coefficiente d'uso, C_U, è quindi ricavato dalla Tab. 2.4.II (ibid.):

$C_U = 2.0$

Il periodo di riferimento per la valutazione dell'azione sismica viene calcolato come indicato al §2.4.3, equazione [2.4.1] (ibid.):

$V_R = V_N \cdot C_U = 50 \cdot 2.0 = 100$ anni

Dal punto di vista stratigrafico, i viadotti ricadono in sottosuolo di tipo C, tranne che nel caso del Viadotto 02 che ricadrebbe in classe E. Le condizioni topografiche sono classificabili come Categoria T1, in accordo a quanto indicato nella Tab. 3.2.III del §3.2.2.

L'accelerazione massima di progetto può infine essere calcolata secondo quanto indicato nel §7.11.3 e §7.1.4 delle NTC-2018:

$a_{max} = S \cdot a_g = S_S \cdot S_T \cdot a_g$ (m/s^2)

I calcoli sono stati svolti considerando la medesima accelerazione massima di progetto per tutti i viadotti e assumendo la più alta tra quelle calcolate nella "Relazione sismica", Rif. [7], pari a:

$a_{max} = 1.28 \cdot 1.00 \cdot 0.283g = 3.548$ (m/s^2)

L'azione sismica di progetto è infine calcolata sulla base di metodi pseudo-statici, in funzione della tipologia di struttura da analizzare. Si veda il Par. 6.1 per le azioni sismiche agenti sulle edicole di protezione di pile e spalle.

5 MATERIALI

Calcestruzzo magro di sottofondazione	
Classe di resistenza del calcestruzzo	C12/15
Resistenza caratteristica cubica	15 N/mm^2
Contenuto minimo di cemento	150 kg/mc
Tipo di cemento	CEM III-IV
Classe di esposizione	X0

Tabella 5.1 – Calcestruzzo magro di sottofondazione

Calcestruzzo per pali	
Classe di resistenza del calcestruzzo	C25/30
Contenuto minimo di cemento	300 kg/mc
Tipo di cemento	CEM III-IV
Rapporto massimo acqua/cemento	0.50
Slump	S5
Diametro massimo dell'inerte	32mm
Classe di esposizione	XC2
Copriferro minimo (a estradosso staffe)	75mm
Contenuto minimo d'aria	4%
Aggregati resistenti al gelo	

Tabella 5.2 – Caratteristiche calcestruzzo per pali

Calcestruzzo per travi e cordoli	
Classe di resistenza del calcestruzzo	C25/30
Contenuto minimo di cemento	300 kg/mc
Tipo di cemento	CEM III-IV
Rapporto massimo acqua/cemento	0.50
Slump	S4
Diametro massimo dell'inerte	32mm
Classe di esposizione	XC2
Contenuto minimo d'aria	4%
Aggregati resistenti al gelo	

Tabella 5.3 – Caratteristiche calcestruzzo per travi e cordoli

Acciaio per armature	
Tipo	B 450 C
Resistenza di progetto	$f_{yd} = f_{yk} / \gamma_s = 450/1.15 = 391.3$ N/mm^2
Sovrapposizione continua minima	50∅

Tabella 5.4 – Caratteristiche barre di armatura

Acciaio per armatura dei tiranti	
Tipo	EN 10210 - S355 JOH
Tensione di snervamento caratteristica	f_{yk} = 355 MPa
Tensione di rottura caratteristica	f_{tk} = 510 MPa
Tensione di snervamento di calcolo	$f_{yd} = f_{yk}/1.15 = 308.7$ MPa

Tabella 5.5 – Caratteristiche acciaio da carpenteria

Miscele di iniezione dei tiranti	
Resistenza meccanica a compressione a 7 giorni	$R_{ck} \geq 15$ N/mm^2
Acqua (1)	600 kg
Cemento (2)	1200 kg
Additivi (3)	10÷20 kg
Dosaggio minimo riferito a 1mc di prodotto. (1) L'acqua dovrà essere conforme alla norma UNI7163 del 1979. (2) Il cemento dovrà presentare contenuto in cloro inferiore allo 0.5% in peso e contenuto totale di zolfo da solfuri inferiore allo 0.15%. (3) Gli additivi non dovranno essere aeranti.	

Tabella 5.6 – Miscele di iniezione dei tiranti

6 EDICOLE DI PROTEZIONE DI SPALLE E PILE

6.1 SEZIONI TIPO

Le nicchie di protezione delle pile consistono in una paratia di pali accostati tirantata con sviluppo curvilineo, a formare un arco di ampiezza circa 140°÷160°, orientata con l'asse mediano secondo la direzione locale della massima pendenza del versante. Per maggiori dettagli si vedano i Par. 3.1 e 3.2.

In Tabella 6.1 e Tabella 6.2 sono elencate le pendenze locali del versante in corrispondenza di tutte le fondazioni considerate. In base alla pendenza sono stati definiti 3 interventi tipologici e di calcolo (TIPO 1, 2 e 3), in funzione della pendenza locale del pendio:

- Pile:
  - Tipo 1: pendenza = 7°;
  - Tipo 2: pendenza = 11°;
  - Tipo 3: pendenza = 15°.
- Spalle
  - Tipo 1: pendenza = 7°;
  - Tipo 2: pendenza = 11°;
  - Tipo 3: pendenza = 15°.

I tre interventi tipo si differenziano quindi per la tipologia di tirante applicato, oltre che per l'armatura dei pali. Come descritto ai Par. 3.1 e 3.2, è prevista una fila di tiranti passivi inclinati di 30° rispetto all'orizzontale, armati con tubolare metallico, realizzati con perforazione Ø180 mm, aventi le seguenti caratteristiche:

- TIPO 1: sezione D = 139.7mm, sp. = 8.0mm;
  - interasse i = 3.3m
  - quota da testa palo = 2.2 m (nella sezione centrale)
- TIPO 2: sezione D = 139.7mm, sp.=8.0mm;
  - interasse i = 2.2m
  - quota da testa palo = 2.7m (nella sezione centrale)
- TIPO 3: sezione D = 139.7mm, sp.=10.0mm;
  - interasse i = 2.2m
  - quota da testa palo = 2.3m (nella sezione centrale)

Le quote "da testa palo" indicate sono riferite alla sezione centrale dell'edicola, dove l'altezza di scavo è maggiore; esse vanno a scendere progressivamente sui pali adiacenti, spostandosi verso le estremità delle edicole, seguendo il citato criterio di mantenere l'estradosso della trave di coronamento a 1.0m da p.c. in funzione della pendenza locale del versante (si vedano i Par. 3.1 e 3.2).

Ai fini dei calcoli, si è cautelativamente considerata una paratia che arriva fino a piano campagna (massimizzazione delle spinte del terreno). Nei modelli FEM le profondità dei tiranti riferite al p.c. sono quindi di 1m maggiori rispetto a quanto indicato.

Viadotto	Pila	Pend. locale (°)	TIPO
1	1	8	2
	2	6	1
	3	7	1
2	1	6	1
	2	7	1
	3	9	2
3	1	10	2
	2	11	2
	3	10	2
	4	14	3
	5	10	2
4	1	11	2
	2	10	2
	3	12	3

Tabella 6.1 – Interventi tipo per le Pile

Viadotto	Spalla	Pend. locale (°)	TIPO
1	A	8	2
	B	7	1
2	A	8	2
	B	8	2
3	A	11	2
	B	7	1
4	A	4	1
	B	12	3

Tabella 6.2 – Interventi tipo per le Spalle

6.2 CRITERI DI PROGETTO

6.2.1 Edicole delle Pile

Le edicole delle pile sono dimensionate nell'ipotesi che il movimento franoso si sia attivato e il terreno eserciti quindi una pressione in regime di spinta passiva sulle edicole stesse; esso è quindi spiccatamente tridimensionale, con correlati effetti amplificativi non trascurabili. Nelle analisi FEM, che sono invece state condotte in 2D, si è provveduto a considerare questi effetti nel seguente modo:

- le azioni agenti sulla nicchia sono state valutate considerando che a monte dell'edicola si formi un cuneo di terreno in spinta passiva, di larghezza pari a quella dell'edicola nella sua direzione perpendicolare alla linea di massima pendenza (B≈16.5m);
- l'azione del cuneo di terreno agente sull'edicola, valutata per metro fuori piano, viene aumentata del trascinamento sulle due facce triangolari laterali del cuneo stesso, poste immediatamente al di fuori dell'edicola, a rappresentare la forza che il terreno in frana esercita sul cuneo di terreno "fermo" a monte della cortina di pali;
- la resistenza delle facce laterali è stata calcolata considerando che in direzione perpendicolare al movimento franoso il terreno si trovi in condizioni di spinta a riposo (coefficiente di spinta laterale

K_0) con la presenza anche della coesione efficace (c'=4 kPa); l'effetto è stato poi discretizzato considerando strisce di spessore 50 cm.

Le risultanti di spinta per metro fuori piano sono:

- Pendenza 7° S = 287.71 kN/m più 503.77kN / 16.42m=30.68 kN/m (facce laterali)
- Pendenza 11° S = 338.98 kN/m più 595.95kN / 16.42m=36.29 kN/m (facce laterali)
- Pendenza 15° S = 390.78 kN/m più 748.23kN / 16.42m=45.57 kN/m (facce laterali)

Le seguenti figure mostrano le pressioni dovute ai due termini e il valore applicato nel calcolo; il secondo termine, con andamento parabolico è stato inviluppato per tratti costanti in modo cautelativo.

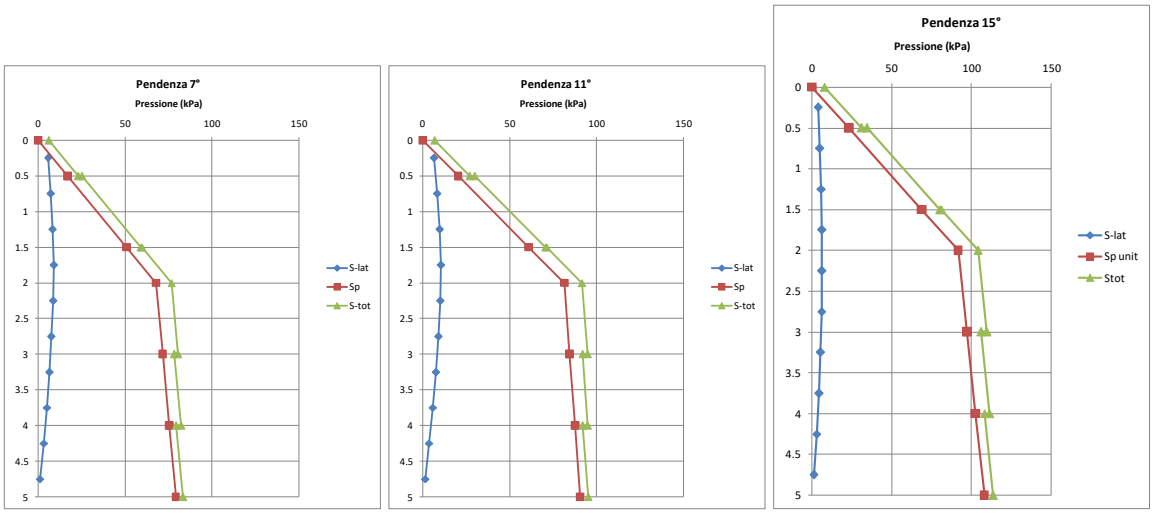


Figura 6.1 – Spinte passive agenti sulle edicole

6.2.2 Edicole delle Spalle

La funzione dell'edicola di protezione delle spalle è ancora quella di proteggere i pali di fondazione da sovra-tensioni dovute alla spinta di versante in caso di instabilità. Tuttavia, nella parte di tracciato ad esse precedenti è sempre presente l'intervento stabilizzante previsto per i rilevati (si veda Rif. [10]), che già di per sé stabilizza, almeno in parte, il pendio. Le condizioni locali sono ovviamente variabili da spalla a spalla.

Un approccio certamente cautelativo è pertanto quello di realizzare quanto previsto per le pile, senza considerare la stabilizzazione della zona a valle presente in corrispondenza del rilevato di approccio.

Gli interventi previsti per le spalle (Tipo 1, 2 e 3) sono quindi in prima approssimazione riconducibili a quelli omologhi calcolati per le pile; risulta perciò necessario un dimensionamento specifico, in quanto le differenti condizioni geometriche (ampiezza dell'arco della coronella, presenza del rilevato di approccio) risultano a favore di sicurezza, comportando semmai una riduzione delle spinte originariamente considerate.

Esiste tuttavia un aspetto per il quale la diversa condizione geometrica delle spalle può, potenzialmente, risultare sfavorevole nei confronti di spostamenti e sollecitazioni indotte sui pali di fondazione; si tratta della continuità meccanica che permane tra il terreno a monte della coronella in potenziale scorrimento e le strutture della spalla, a causa della presenza del rilevato stradale. Nel caso delle spalle non è infatti possibile sconnettere totalmente, tramite polistirolo, la paratia di protezione e la struttura della spalla, come fatto per le pile.

Tale problematica risulta massima per pendenza del versante disposta lungo l'asse strada, mentre è trascurabile/assente per pendenza del versante ortogonale o poco inclinato rispetto ad esso (fino a 45°). Per valutarne l'effetto in termini di spostamenti e sollecitazioni indotte nei pali di fondazione dalle spinte

sulla coronella tirantata, è stata modellata la sezione in corrispondenza della Spalla A del Viadotto 1, per la quale asse strada e pendenza del versante formano un angolo modesto (1-2°). In tale analisi sono state cautelativamente applicate, senza riduzioni, le spinte per la condizione di versante instabile definite nel Par. 6.2.1 per le edicole delle pile. Nello specifico, essendo la pendenza del versante locale pari a 8° in accordo alla Tabella 6.2, la tipologia di intervento e l'entità delle spinte sono quelle corrispondenti al Tipo 2 (pendenza di calcolo 11°).

6.3 APPROCCIO NORMATIVO: NTC-2018

Le verifiche geotecniche delle opere in esame sono condotte in accordo a quanto previsto dalla normativa vigente (NTC-2018, Rif. [1]), nel rispetto degli stati limite ultimi (SLU), di esercizio (SLE) e sismici. I calcoli sono eseguiti tramite un programma basato su una discretizzazione bidimensionale a elementi finiti.

6.3.1 Verifiche SLU

Gli stati limite ultimi (SLU) di tipo geotecnico per le paratie in esame sono stati verificati in accordo alla normativa vigente (NTC-2018, Rif. 2.1.1). Secondo quanto indicato al § 6.5.3.1.2 della suddetta norma, per la verifica della stabilità globale del complesso opera di sostegno-terreno si è adottata la Combinazione 2 dell'Approccio 1, utilizzando i seguenti gruppi di fattori parziali:

Appr. 1 – Comb. 2: A2+M2+R2

dove il termine "+" significa "combinato con". Si sono quindi utilizzate azioni fattorizzate secondo i fattori del gruppo A2 (Tab. 6.2.I delle NTC-2018, riportata in Tabella 6.1 nella presente relazione), i parametri geotecnici abbattuti secondo il gruppo M2 (Tab. 6.2.II delle NTC-2018, riportata in Tabella 6.2), verificando l'ottenimento di un coefficiente di sicurezza del gruppo R2 per le opere in materiali sciolti e i fronti di scavo (Tab. 6.8.I, riportata in Tabella 6.3): $\gamma_R = 1.1$.

Le analisi sono state eseguite con codici di calcolo basati su una discretizzazione agli elementi finiti; di conseguenza le verifiche SLU di tipo geotecnico (e strutturale) sono state eseguite come precisato dal § C.6.5.3.1.2 della circolare esplicativa 2019 (Rif. [2]): le azioni e i parametri del terreno sono adottati con i loro valori caratteristici, dopodiché, *«dopo la simulazione di tutte le fasi di scavo, il margine di sicurezza si ricava con un ulteriore passo di calcolo […] riducendo progressivamente i parametri di resistenza dopo aver incrementato le azioni permanenti non strutturali e le azioni variabili (sovraccarichi) dei coefficienti parziali (γ_{G2}, γ_Q) del gruppo A2. […] La verifica è soddisfatta se il fattore di riduzione dei parametri risulta non inferiore a $\gamma_{c'}$ e a $\gamma_{\phi'}$ nelle analisi in tensioni efficaci e a γ_{cu} nelle analisi in tensioni totali.»* (da § C.6.5.3.1.2, Circolare Esplicativa 2019, Rif. [2]). Tale metodo è anche conosciuto nel campo delle analisi a elementi finiti con il termine "c-ϕ' reduction".

In accordo quindi a quando sopra esposto, le verifiche di sicurezza mediante riduzione dei parametri di resistenza del terreno sono state verificate per un fattore di sicurezza equivalente a:

$$FS \geq \gamma_{\phi'} \times \gamma_R = 1.25 \times 1.1 = 1.375$$

Le rimanenti verifiche prescritte dalla normativa sono da eseguirsi secondo l'Approccio 1 considerando le combinazioni:

a) Combinazione 1: A1+M1+R1: combinazione maggiormente penalizzante per il lato strutturale (STR) e di conseguenza adottata per la verifica della sezione in calcestruzzo armato dei pali;

b) Combinazione 2: A2+M2+R1: combinazione maggiormente penalizzante per il lato geotecnico (GEO);

tenendo conto dei valori dei coefficienti parziali per le azioni riportati in Tabella 6.1 e per i parametri del terreno in Tabella 6.2, con fattori unitari del gruppo R1: $\gamma_R = 1$.

Per la verifica con la Combinazione 1, si è proceduto in accordo a quanto riportato al § C.6.5.3.1.2 della circolare esplicativa 2019 (Rif. [2]): «*la verifica allo stato limite ultimo nei confronti del raggiungimento della*

resistenza in una sezione della paratia o in uno degli elementi dell'eventuale sistema di vincoli (puntoni o ancoraggi) si esegue moltiplicando le sollecitazioni calcolate con l'analisi d'interazione prima della ricerca di un meccanismo di collasso per i coefficienti parziali del gruppo A1 (γ_{G1}, γ_{G2} e γ_Q).». Le sollecitazioni derivanti da eventi eccezionali, concordemente a quanto riportato nell'Eq. [2.5.6], non vengono invece amplificate.

Si osservi inoltre che la verifica con la Combinazione 2 è di fatto già verificata con le analisi di stabilità globale, in quanto il fattore del gruppo R2 risulta maggiore rispetto a quello del gruppo R1.

Con riferimento alle azioni legate ai movimenti franosi, trattandosi di eventi eccezionali, si è considerata la "Combinazione eccezionale" di cui all'Eq. [2.5.6] delle NTC-2018:

$$G_1 + G_2 + P + A_d + \psi_{21} Q_{k1} + \psi_{22} Q_{k2}$$

e per la stabilità globale, essendo già in atto un movimento franoso, si considera il caso di stabilità di un pendio naturale, traguardando quindi il seguente fattore di sicurezza:

$$FS \geq \gamma_{\phi'} \times \gamma_R = 1.25 \times 1.0 = 1.25$$

Tab. 6.2.I – *Coefficienti parziali per le azioni o per l'effetto delle azioni*

	Effetto	Coefficiente Parziale γ_F (o γ_E)	EQU	(A1)	(A2)
Carichi permanenti G_1	Favorevole	γ_{G1}	0,9	1,0	1,0
	Sfavorevole		1,1	1,3	1,0
Carichi permanenti G_2 (1)	Favorevole	γ_{G2}	0,8	0,8	0,8
	Sfavorevole		1,5	1,5	1,3
Azioni variabili Q	Favorevole	γ_{Qi}	0,0	0,0	0,0
	Sfavorevole		1,5	1,5	1,3

Tabella 6.1 – Coefficienti parziali per le azioni (da NTC-2018)

Tab. 6.2.II – *Coefficienti parziali per i parametri geotecnici del terreno*

Parametro	Grandezza alla quale applicare il coefficiente parziale	Coefficiente parziale γ_M	(M1)	(M2)
Tangente dell'angolo di resistenza al taglio	$\tan \varphi'_k$	$\gamma_{\varphi'}$	1,0	1,25
Coesione efficace	c'_k	$\gamma_{c'}$	1,0	1,25
Resistenza non drenata	c_{uk}	γ_{cu}	1,0	1,4
Peso dell'unità di volume	γ_γ	γ_γ	1,0	1,0

Tabella 6.2 – Coefficienti parziali per i parametri geotecnici del terreno (da NTC-2018)

Tab. 6.8.I - *Coefficienti parziali per le verifiche di sicurezza di opere di materiali sciolti e di fronti di scavo*

COEFFICIENTE	R2
γ_R	1,1

Tabella 6.3 – Coefficienti parziali per le verifiche di sicurezza nei confronti della stabilità globale delle paratie (da NTC-2018)

6.3.2 Verifiche SLE

In accordo a quanto riportato nel § 6.5.3.2 delle NTC-2018 (Rif. [1]), "*nelle condizioni di esercizio, gli spostamenti dell'opera di sostegno e del terreno circostante devono essere valutati per verificarne la compatibilità con la funzionalità dell'opera e con la sicurezza e funzionalità di manufatti adiacenti*", tenendo in considerazione la sequenza costruttiva dell'opera.

6.3.3 Verifiche SLV

Le analisi sismiche sono eseguite mediante metodi pseudo-statici, in accordo a quanto riportato al § 7.11.6.3 delle NTC-2018 (Rif. [1]).

L'accelerazione orizzontale è calcolata con la relazione [7.11.9] delle NTC-2018:

$$a_h = k_h \times g = \alpha \times \beta \times a_{max}$$

dove: a_{max} è definita al Par. 4.3 della presente relazione;

α è funzione dell'altezza H della paratia e della categoria di sottosuolo e può essere determinata tramite l'abaco di sinistra di Figura 6.2;

β è funzione del massimo spostamento permanente u_s tollerabile dalla struttura, tramite l'abaco di destra di Figura 6.2.

Nel presente caso si ha una categoria di sottosuolo C (si veda Par. 4.3), un'altezza H = 20.0m ottenendo quindi: α = 0.72. Con spostamento ammesso di 2cm si ottiene invece β = 0.73.

$$k_h = 0.72 \times 0.73 \times 3.548 / g = 0.190$$

L'accelerazione verticale nel caso di paratie è posta pari a $a_v = 0$.

Va infine verificato che il massimo spostamento permanente subito dalla struttura in fase sismica rispetti in ogni caso la seguente condizione:

$$u_s \leq 0.005\ H$$

pari quindi a: $u_s \leq 0.10m = 100mm$

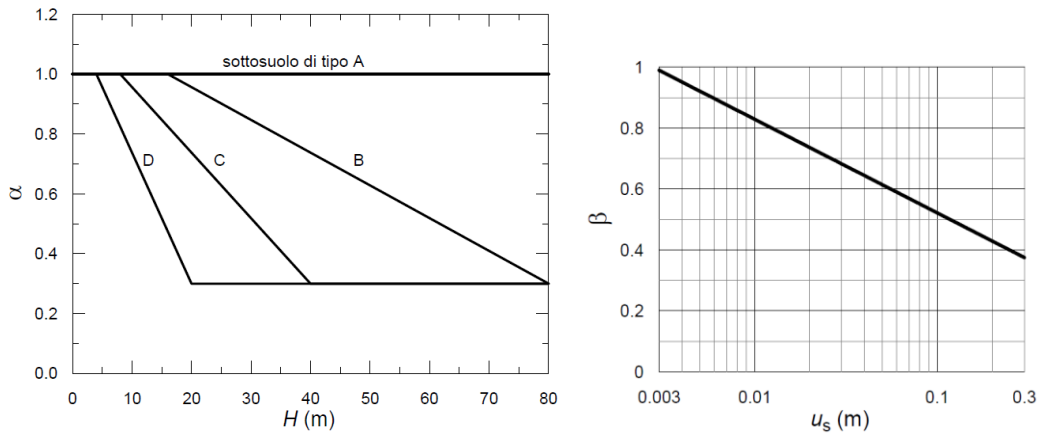


Figura 6.2 – Abachi per il calcolo di α e β (da § 7.11.6.3.1 delle NTC-2018)

Per la verifica della stabilità dell'opera, in accordo al § 7.11.6.3 delle NTC-2018, si sono adottati coefficienti unitari su azioni e parametri del terreno, verificando l'ottenimento di un coefficiente di sicurezza del gruppo R2 per le opere in materiali sciolti e i fronti di scavo (§ 7.11.4 delle NTC-2018) pari a: γ_R = 1.2. Le analisi sono state anche in questo caso eseguite con il metodo precedentemente descritto, denominato "c-ϕ' reduction".

Per le verifiche strutturali, si assumono i valori delle azioni interne ottenute dall'analisi a elementi finiti, dove si sono adottati i valori caratteristici dei sovraccarichi e dei parametri del terreno.

6.4 CODICE DI CALCOLO: PLAXIS 2D

6.4.1 Premessa

Le verifiche sono state svolte mediante i codici numerici Plaxis 2D (Rif. **Errore. L'origine riferimento non è s tata trovata.**) e Slide (Rif. **Errore. L'origine riferimento non è stata trovata.**), di seguito illustrati.

Ai fini di quanto previsto al §10.2 delle NTC-2018 ("*Giudizio motivato di accettabilità dei risultati*"), gli scriventi dichiarano di avere svolto verifiche di calcolo manuale con formulazioni teoriche, in condizioni schematiche, che hanno confermato la bontà e la correttezza dei codici di calcolo utilizzati.

6.4.2 Caratteristiche principali del software e dei modelli costitutivi utilizzati

Plaxis 2D è un codice di calcolo a elementi finiti (FEM) per l'analisi bidimensionale, sviluppato appositamente per problemi di ingegneria geotecnica. Il programma è in grado di considerare condizioni sia drenate che non drenate, e di considerare comportamenti del terreno sia elastici-perfettamente plastici che elasto-plastici incrudenti.

Per analizzare il problema in esame si è adottato un modello "plain strain" in condizioni piane di deformazioni (si veda Figura 6.3). Si è inoltre utilizzata una formulazione con elementi triangolari a 15 nodi, al fine di ottenere una maggiore accuratezza nella interpolazione di sforzi e deformazioni all'interno dell'elemento stesso. Per una descrizione completa del programma di calcolo, della formulazione degli elementi e dei metodi di integrazione numerica si rimanda al manuale di Plaxis.

Il terreno è stato rappresentato con un modello costitutivo elasto-plastico incrudente con criterio di rottura alla Mohr-Coulomb (Figura 6.4). In particolare si è utilizzato il modello costitutivo di Plaxis denominato "Hardening Soil", con il quale è possibile assegnare un modulo di rigidezza funzione dello stato di sforzo in sito e soprattutto di poter differenziare il modulo di rigidezza tra condizioni di carico vergine e di scarico-ricarico (Figura 6.5).

Tale caratteristica rende il modello costitutivo particolarmente adatto a problemi di scavi con paratie in quanto è possibile modellare più fedelmente il comportamento deformativo del terreno a valle della paratia, soggetto essenzialmente a un detensionamento per effetto dello scavo.

La dipendenza del modulo di rigidezza dallo stato tensionale è espressa tramite una funzione di tipo iperbolico, ed è funzione delle caratteristiche di resistenza del terreno (ϕ') e di una pressione di riferimento, p^{ref}, con la quale "tarare" il materiale in relazione lo stato di sforzo iniziale presente in sito. Per una descrizione di dettaglio del modello costitutivo si faccia riferimento al manuale di Plaxis.

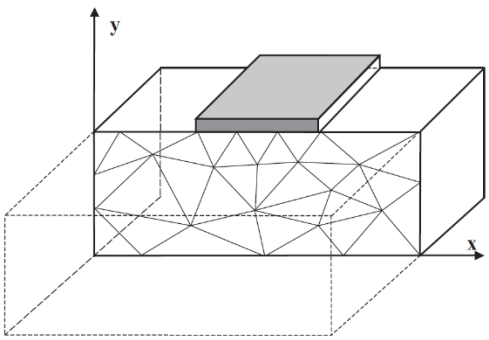


Figura 6.3 – Esempio di modello FEM 2D in stato piano di deformazioni (da: "Plaxis Manuals")

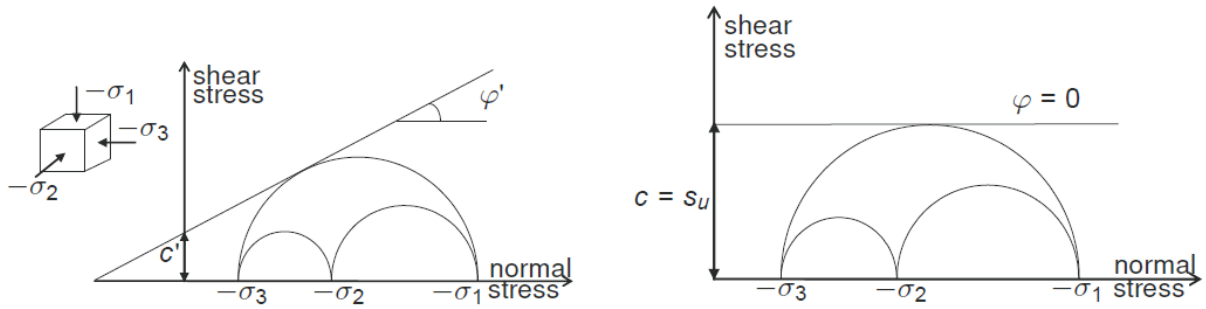


Figura 6.4 – Superficie di rottura alla Mohr-Coulomb in termini di τ ÷ σ , per condizioni drenate (sinistra) e non drenate (destra) (da: "Plaxis Manuals").

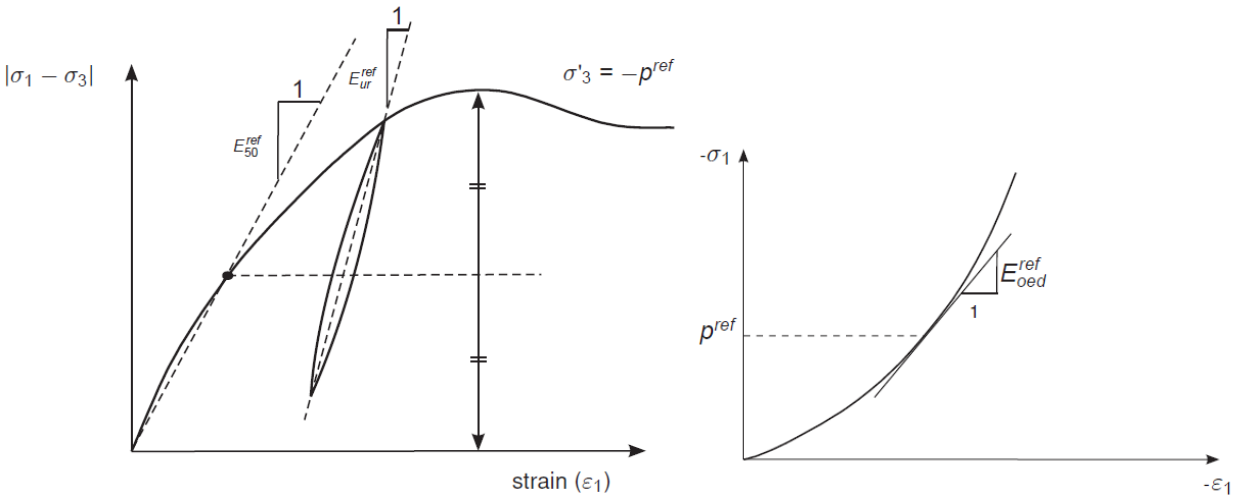


Figura 6.5 – Definizione di E_{50} e E_{ur} per un una prova triassiale (sinistra) e di E_{oed} per una prova edometrica (destra) (da: "Plaxis Manuals")

6.5 MODELLO DI CALCOLO

6.5.1 Edicole delle Pile

Tutte le sezioni tipologiche sono costituite da una paratia di pali in c.a. Ø800 mm di lunghezza 20 m, con interasse 1.1 m, con le seguenti caratteristiche di rigidezza:

EA = 13709000 kN

EJ = 548350 kNm2

Per ciascuna tipologia di intervento il calcolo è stato condotto con parametri di tipo drenato e con parametri di tipo non drenato.

Sono state innanzitutto ricreate le fasi costruttive (fasi "A"), valutando le spinte sulla paratia tirantata in corrispondenza del massimo scavo di costruzione. Essendo previsti specifici accorgimenti per evitare l'interazione tra la paratia ed il plinto, la paratia è considerata non rinfiancata anche nel lungo termine.

Successivamente a tale fase di studio, è stata simulata la condizione eccezionale di spinta del versante in condizioni di instabilità (fasi "B"), applicando le spinte determinate numericamente nel paragrafo 1.3. Tale fase intende simulare la condizione di scivolamento del versante e l'effetto di sottospinta idraulica negli strati profondi. Lo "strato 1" (livello A) è pertanto asportato eliminando sia gli effetti favorevoli di confinamento a valle, sia quelli sfavorevoli di spinta da monte, cui si sostituiscono le spinte determinate numericamente.

La sequenza delle fasi studiate è riportata di seguito.

6.5.1.1 Fasi di calcolo – modello con parametri drenati

A) Fasi di costruzione

- Ricostruzione stato tensionale iniziale del versante
- Costruzione paratia di pali
- Prescavo per esecuzione del tirante
- Realizzazione del tirante
- Completamento dello scavo per realizzazione del plinto

B) Simulazione del carico per instabilità di versante

- Asportazione del livello A a valle della paratia
- Realizzazione del plinto e della palificata
- Applicazione del carico orizzontale per instabilità del versante

6.5.1.2 Fasi di calcolo – modello con parametri non drenati

A) Fasi di costruzione

- Ricostruzione stato tensionale iniziale del versante
- Costruzione paratia di pali
- Prescavo per esecuzione del tirante
- Realizzazione del tirante
- Completamento dello scavo per realizzazione del plinto
- Applicazione azione sismica pseudostatica (kh = 0.19)

B) Simulazione del carico per instabilità di versante

- Asportazione del livello A a valle della paratia
- Realizzazione del plinto e della palificata
- Applicazione del carico orizzontale per instabilità del versante
- Applicazione extraspinta sismica

Le sollecitazioni sismiche sono state applicate per la condizione non drenata:

- Applicando al termine delle fasi "A", nella condizione di massimo scavo, l'accelerazione orizzontale pseudostatica corrispondente a kh = 0.19.

- Applicando al termine delle fasi "B" e quindi in aggiunta alle spinte di scivolamento del versante, una ulteriore spinta inerziale pari a W x kh, dove W è il peso totale del cuneo di materiale in scivolamento isolato da una superficie inclinata di 45° a partire dalla base del livello A (strato 1). Il valore di W è rispettivamente di 270.56 kN, 301.34 kN e 324.52 kN per le sezioni TIPO 1, 2 e 3.

6.5.2 Edicole delle Spalle

Il dimensionamento degli interventi previsti per le spalle (Tipo 1, 2 e 3) è il medesimo previsto per le edicole delle pile, e non vengono condotti calcoli specifici.

Una specifica modellazione è stata invece condotta per valutare, per le spalle, l'unico aspetto per il quale la diversa geometria può potenzialmente risultare sfavorevole nei confronti di spostamenti e sollecitazioni indotte sulle fondazioni delle spalle: si tratta della presenza del rilevato che, laddove esso sormonti le coronelle delle edicole, crea una continuità meccanica tra coronelle e strutture delle spalle che non è presente nel caso delle pile.

La sezione modellata è quella per cui il rilevato che sormonta le coronelle è massimo, corrispondente alla Spalla A del Viadotto 1. Le fasi di calcolo tengono conto della costruzione della fondazione e del rilevato; quest'ultimo è modellato fino alla quota di sommità dell'edicola, massimizzando così l'interazione tra paratia dell'edicola e fondazione ma minimizzando la controspinta verso monte che lo stesso rilevato opera.

Le fasi sono quindi le seguenti:

6.5.2.1 Fasi di calcolo – modello con parametri drenati

A) Fasi di costruzione

- Ricostruzione stato tensionale iniziale del versante
- Costruzione paratia di pali
- Prescavo per esecuzione del tirante
- Realizzazione del tirante
- Completamento dello scavo per realizzazione del plinto
- Realizzazione dei pali e della spalla
- Rinfianco con rilevato (fino a quota testa coronella)

B) Simulazione del carico per instabilità di versante

- Applicazione del carico orizzontale per instabilità del versante

6.5.2.2 Fasi di calcolo – modello con parametri non drenati

A) Fasi di costruzione

- Ricostruzione stato tensionale iniziale del versante
- Costruzione paratia di pali
- Prescavo per esecuzione del tirante
- Realizzazione del tirante
- Completamento dello scavo per realizzazione del plinto
- Realizzazione dei pali e della spalla
- Rinfianco con rilevato (fino a quota testa coronella)
- Applicazione azione sismica pseudostatica (k_h = 0.19)

B) Simulazione del carico per instabilità di versante

- Applicazione del carico orizzontale per instabilità del versante
- Applicazione extraspinta sismica

I risultati più significativi di tale analisi sono gli spostamenti e le sollecitazioni che si producono nei pali di fondazione della spalla, mentre le sollecitazioni calcolate nella coronella sono, come mostrato nei risultati, largamente inferiori a quelle tramite le quali esse sono state dimensionate.

6.6 RISULTATI EDICOLE DI PROTEZIONE DELLE PILE

Si riporta Tabella 6.3 una sintesi dei risultati ottenuti dalla modellazione FEM, in termini di spostamenti orizzontali e momenti flettenti indotti sui pali di fondazione e delle rotazioni del plinto. In particolare, le rotazioni del plinto, moltiplicate per l'altezza della struttura in elevazione al di sopra di essa, porta ad avere spostamenti orizzontali trasmessi al viadotto entro i limiti di accettabilità (2÷3cm).

Si riportano in Tabella 6.4, Tabella 6.5 e Tabella 6.6, per le tre sezioni tipo, il momento flettente e il taglio agenti sui pali delle edicole e il massimo tiro agente sui tiranti. Le verifiche strutturali e geotecniche di tali elementi sono riportate rispettivamente ai Par. 6.8 e 6.9.

Nelle medesime tabelle si riporta anche il fattore di sicurezza ottenuto per le diverse analisi eseguite, che risulta sempre soddisfatto.

Si riportano infine da Figura 6.1 a Figura 6.16 alcuni screen-shot dai modelli di calcolo i cui valori sono già sintetizzati nelle tabelle di cui sopra.

CASO	Spost orizz (mm)	Rotaz (mm/m)	M_{palo} - SLU (kNm/palo)	M_{palo} - SLV (kNm/palo)
I=7°	3.00	0.226	279.9	234.8
I=11°	2.74	0.205	268.4	231.8
I=15°	2.07	0.192	201.2	282.4

Tabella 6.3 – Deformazioni indotte sui plinti e sui pali di fondazione delle Pile

FASE	T (kN)	M (kNm/m)	V (kN/m)	FS	$FS_{obiettivo}$
UNDR Sis pseudost.	251.7	84.0	55.6	2.93	1.25
UNDR vers	345.7	563.0	233.0	12.64	1.25
UNDR vers+sis	416.3	628.7	267.2	12.64	1.25
DR vers	802.6	432.1	168.3	2.48	1.25

Tabella 6.4 – Edicole tipo 1 – Risultati – Azioni di tiro nei tiranti e momenti flettenti

FASE	T (kN)	M (kNm/m)	V (kN/m)	Fs	$FS_{obiettivo}$
UNDR Sis pseudost.	333.3	210.0	122.1	2.33	1.25
UNDR vers	311.7	742.3	258.1	8.04	1.25
UNDR vers+sis	378.9	820.6	288.8	8.04	1.25
DR vers	833.3	422.3	255.5	1.51	1.25

Tabella 6.5 – Edicole tipo 2 – Risultati – Azioni di tiro nei tiranti e momenti flettenti

FASE	T (kN)	M (kNm/m)	V (kN/m)	Fs	$FS_{obiettivo}$
UNDR Sis pseudost.	476.3	204.7	129.6	1.95	1.25
UNDR vers	468.5	706.7	249.9	6.05	1.25
UNDR vers+sis	564.3	786.5	282.5	6.05	1.25
DR vers	1170.3	317.9	249.9	1.31	1.25

Tabella 6.6 – Edicole tipo 3 – Risultati – Azioni di tiro nei tiranti e momenti flettenti

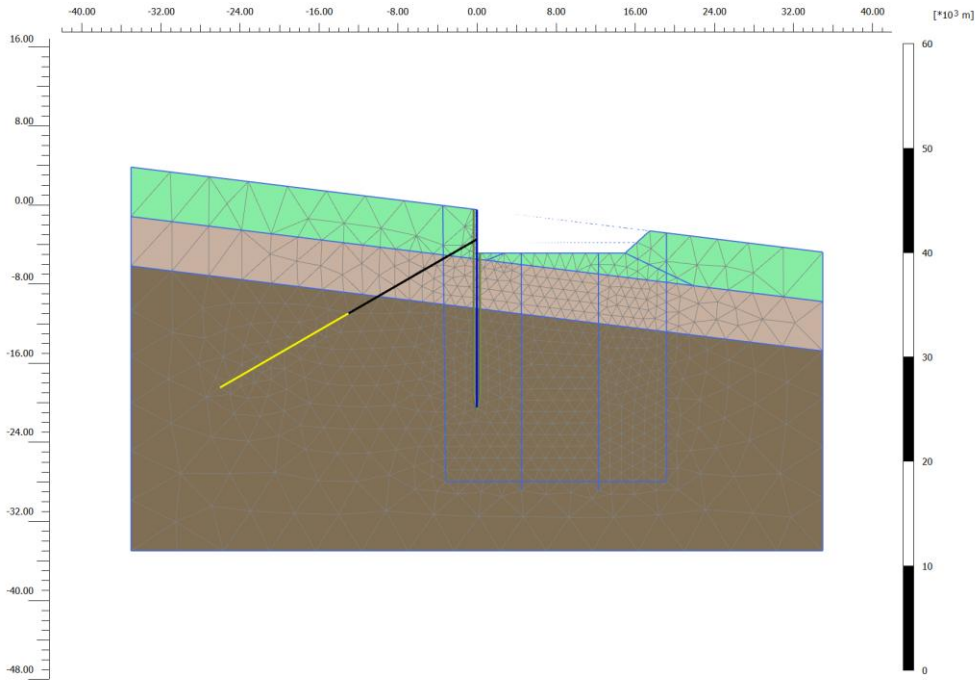


Figura 6.1 – Sezione TIPO 1 – Mesh di calcolo al termine della costruzione

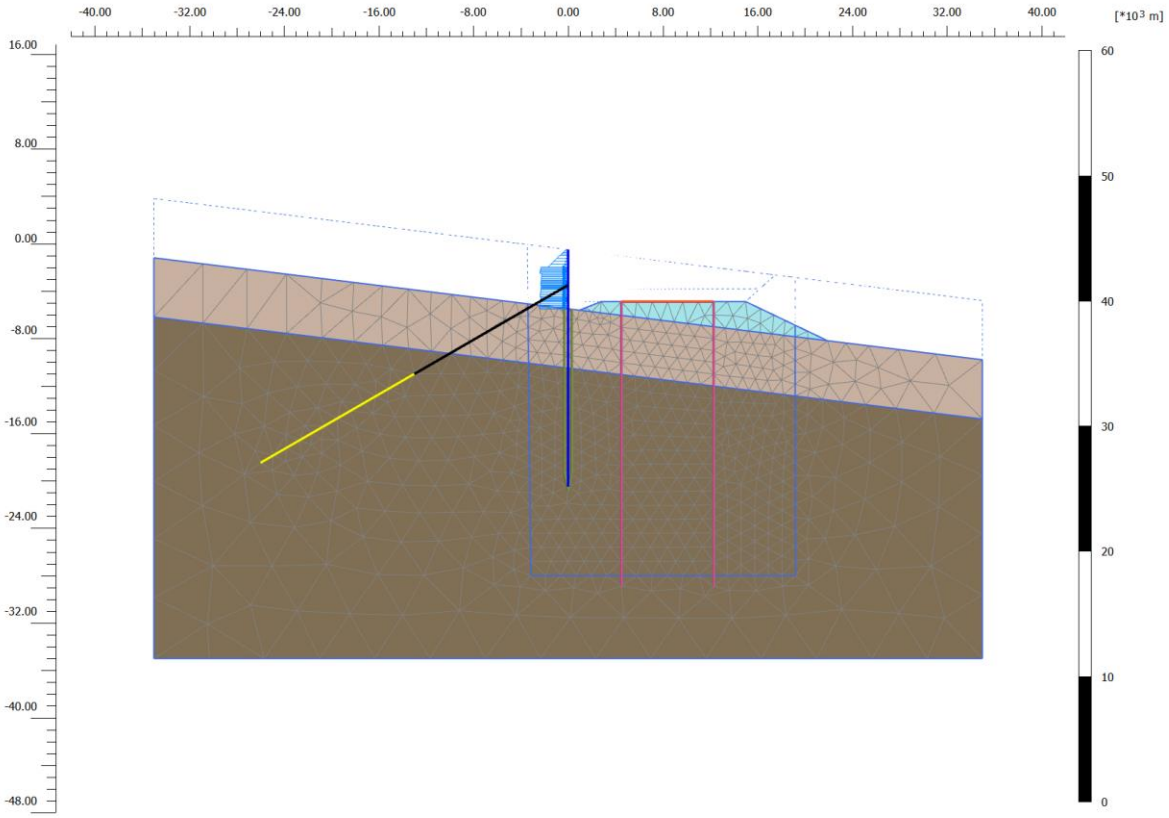


Figura 6.2 – Sezione TIPO 1 – Mesh di calcolo con spinte di versante instabile

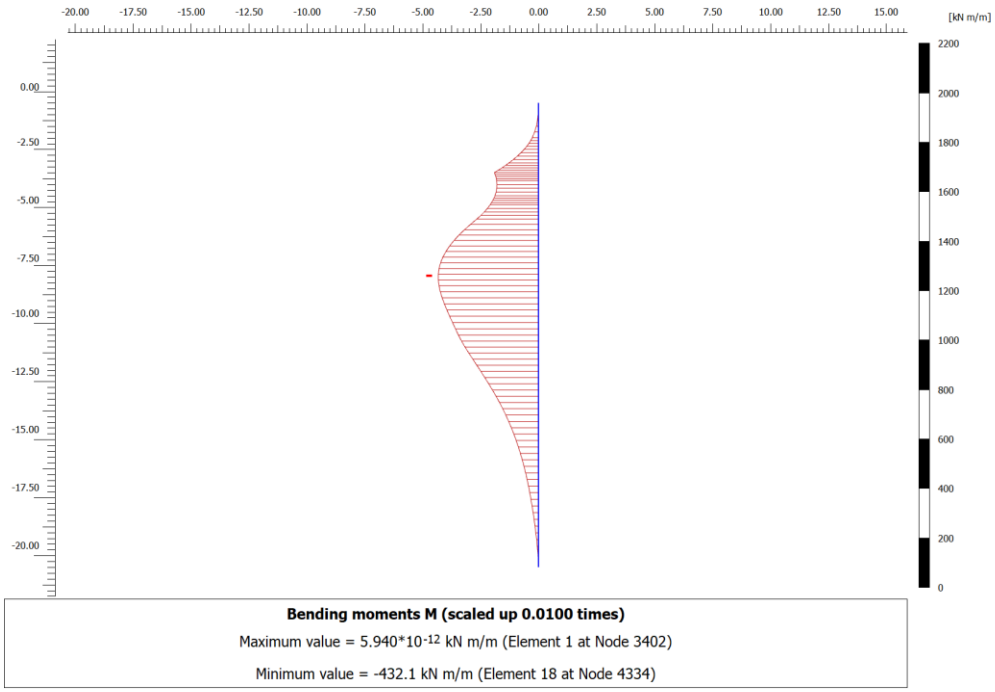


Figura 6.3 – Sezione TIPO 1 – Sollecitazioni flessionali condizione dimensionamento SLE

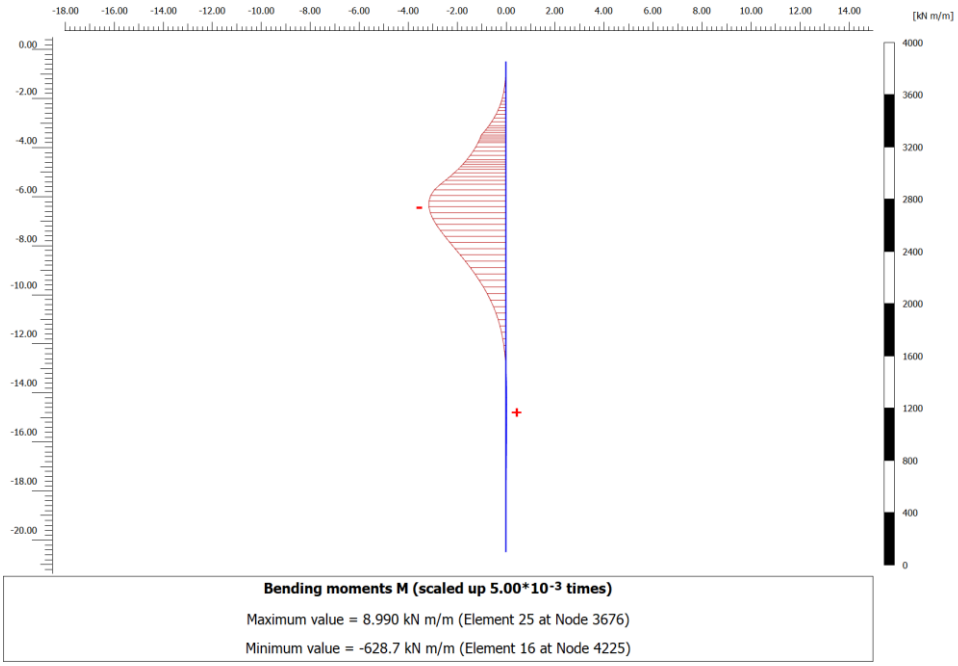


Figura 6.4 – Sezione TIPO 1 - Sollecitazioni flessionali condizione dimensionamento SLU

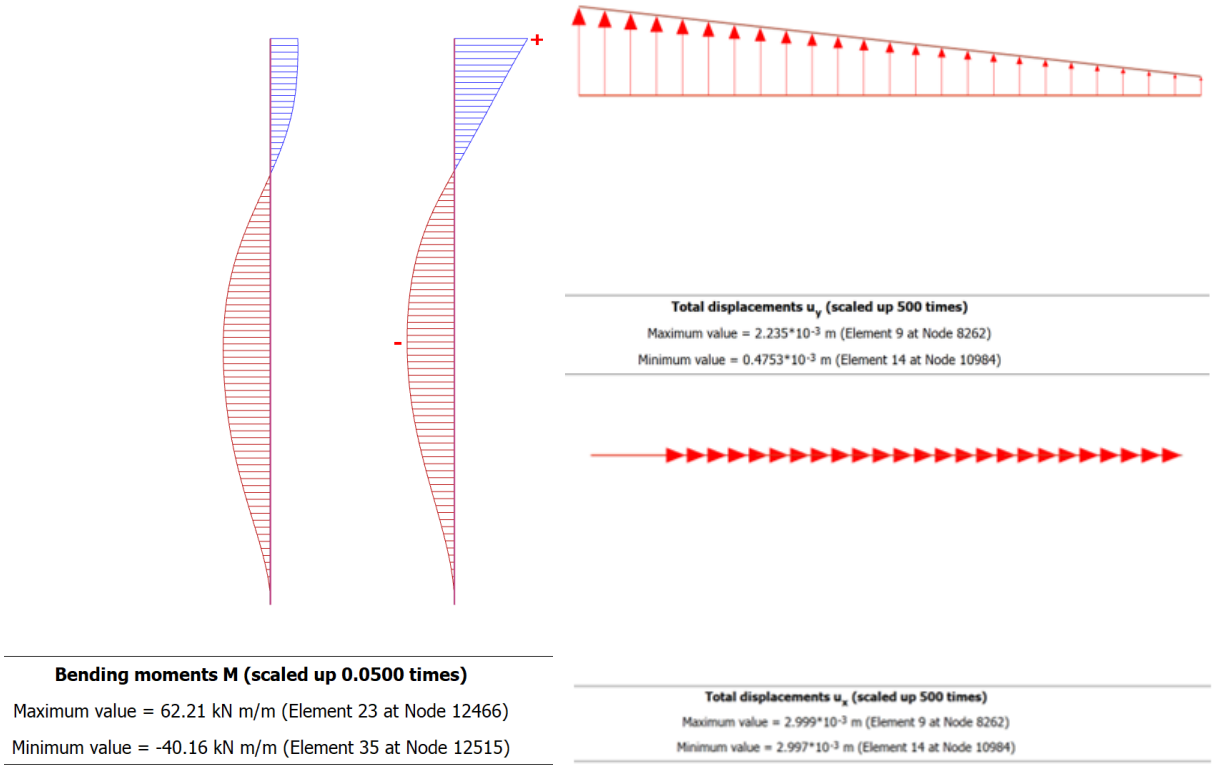


Figura 6.5 – Sezione TIPO 1 – Effetti sulle fondazioni

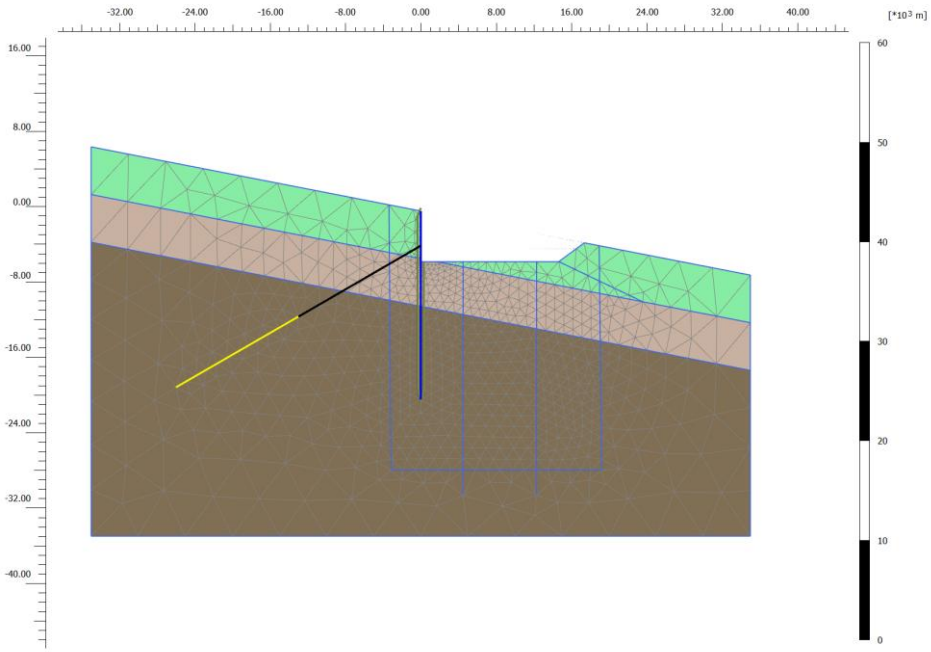


Figura 6.6 – Sezione TIPO 2 – Mesh di calcolo al termine della costruzione

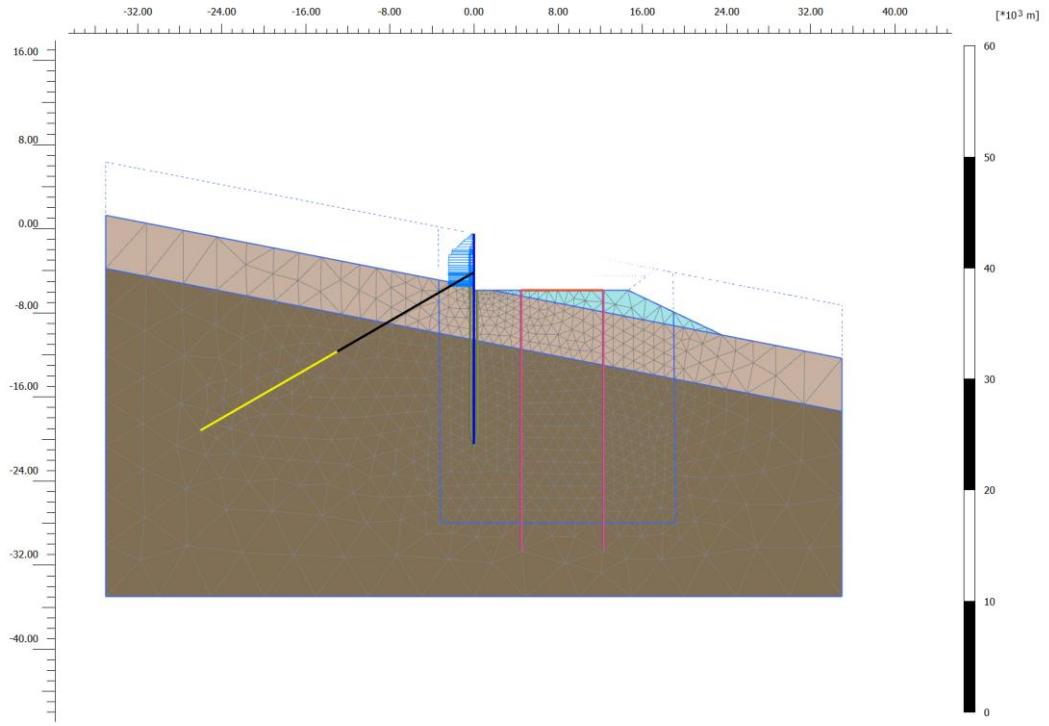


Figura 6.7 – Sezione TIPO 2 – Mesh di calcolo con spinte di versante instabile

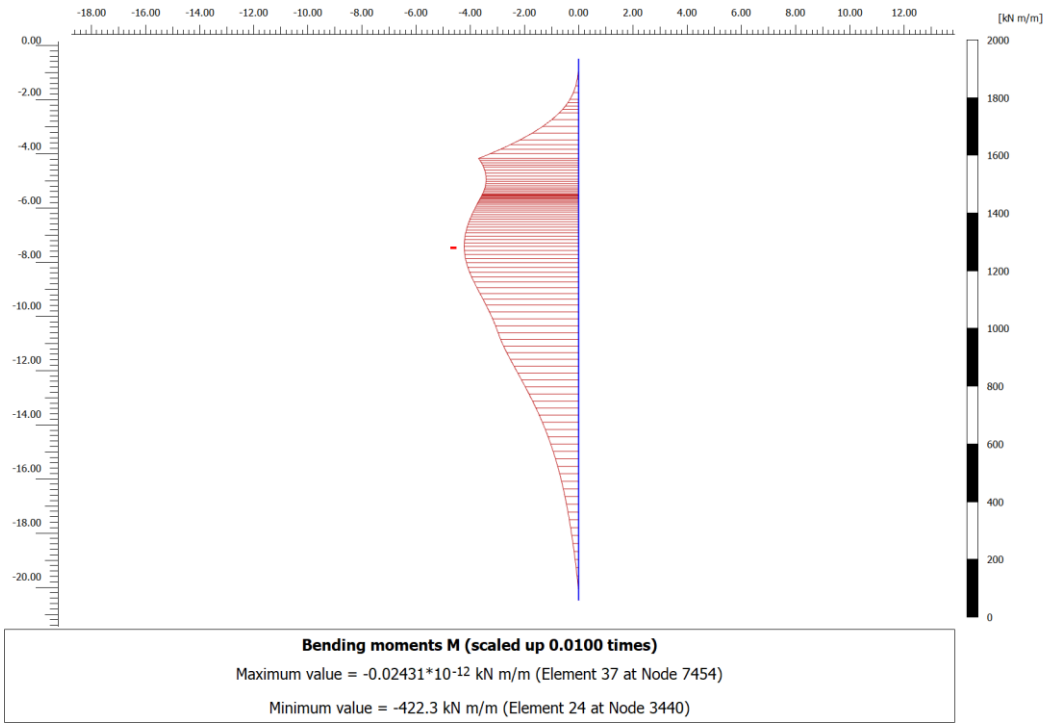


Figura 6.8 – Sezione TIPO 2 – Sollecitazioni flessionali condizione dimensionamento SLE

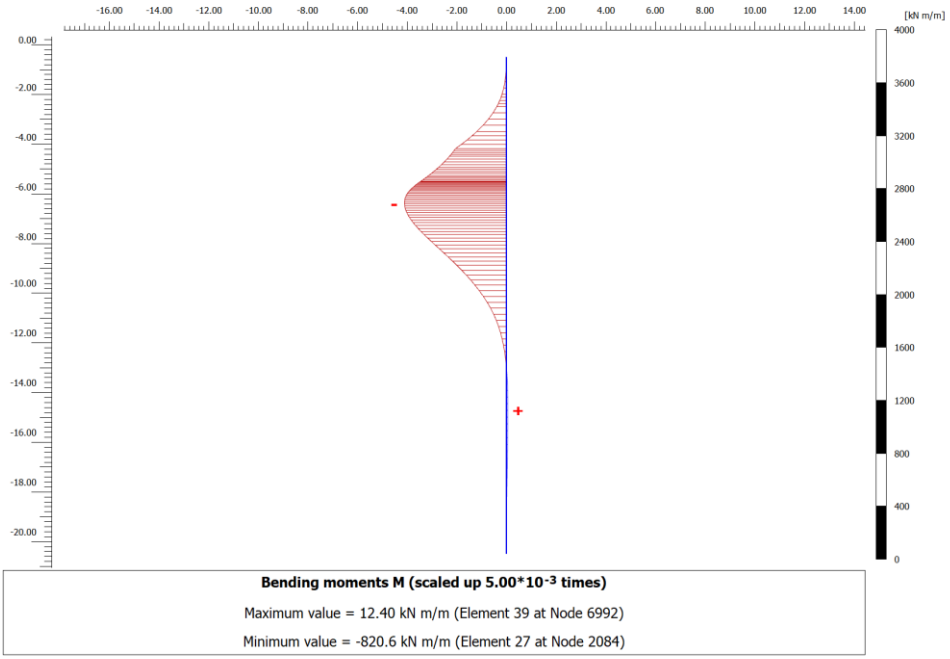


Figura 6.9 – Sezione TIPO 2 – Sollecitazioni flessionali condizione dimensionamento SLU

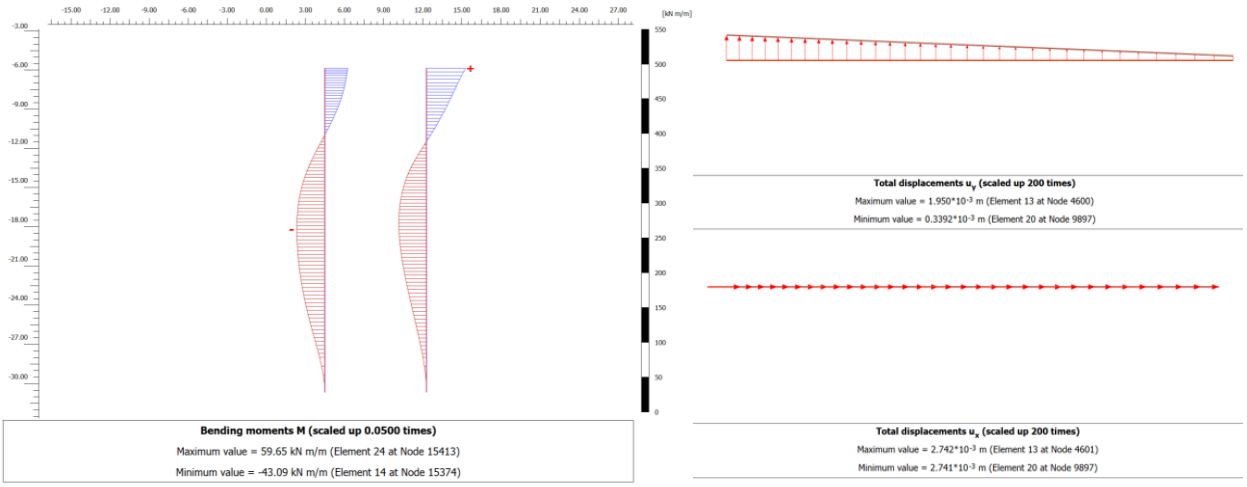


Figura 6.10 – Sezione TIPO 2 – Effetti sulle fondazioni

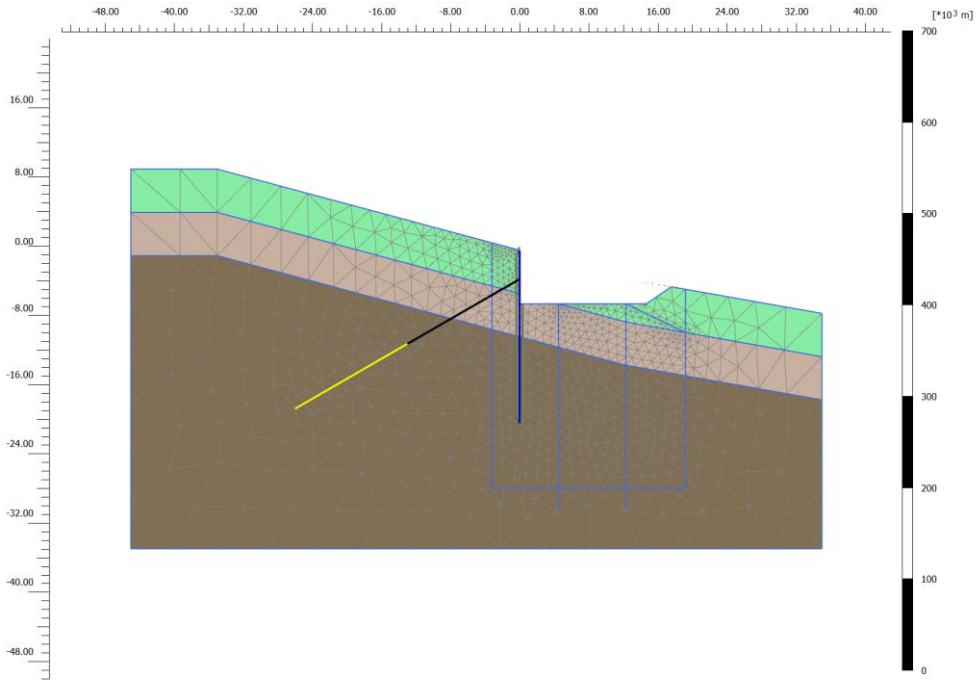


Figura 6.11 – Sezione TIPO 3 – Mesh di calcolo al termine della costruzione

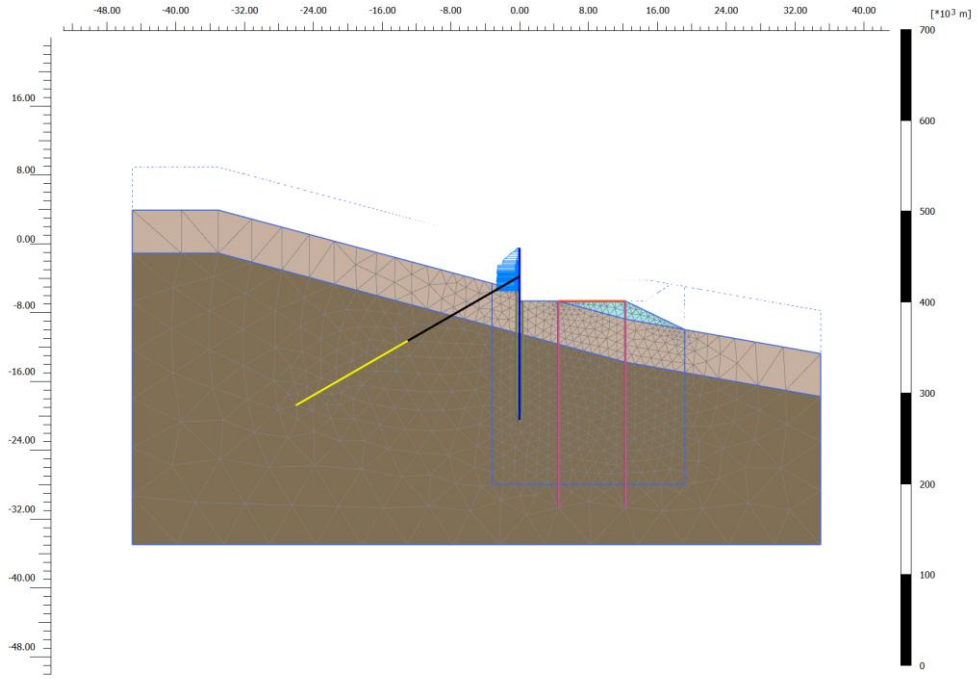


Figura 6.12 – Sezione TIPO 3 – Mesh di calcolo con spinte di versante instabile

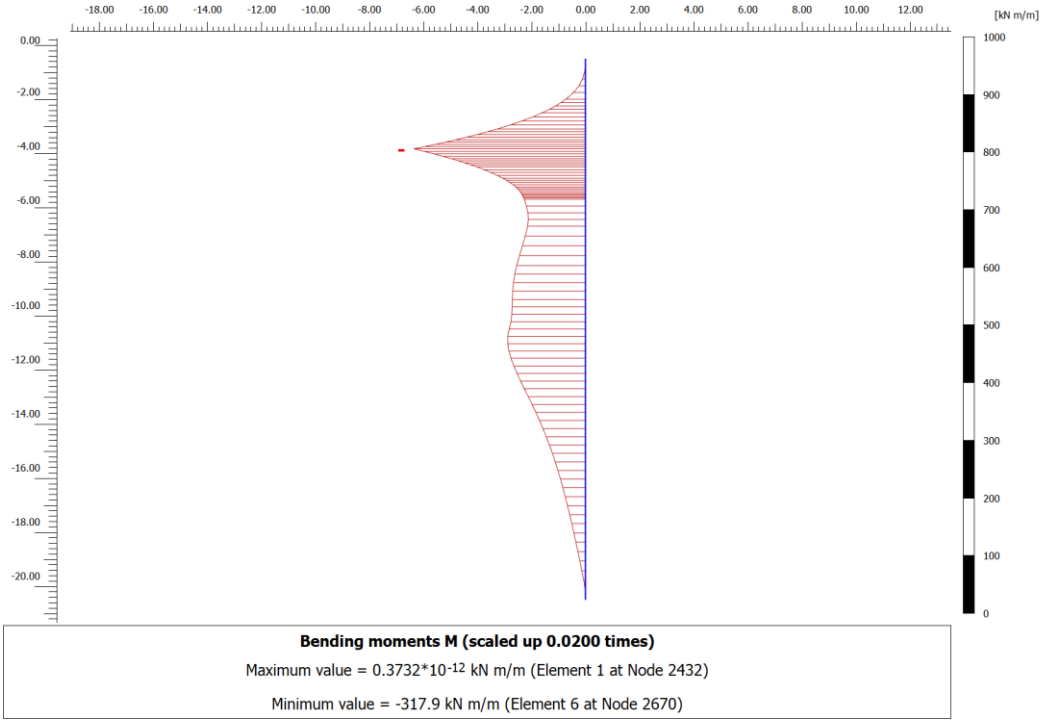


Figura 6.13 – Sezione TIPO 3 – Sollecitazioni flessionali condizione dimensionamento SLE

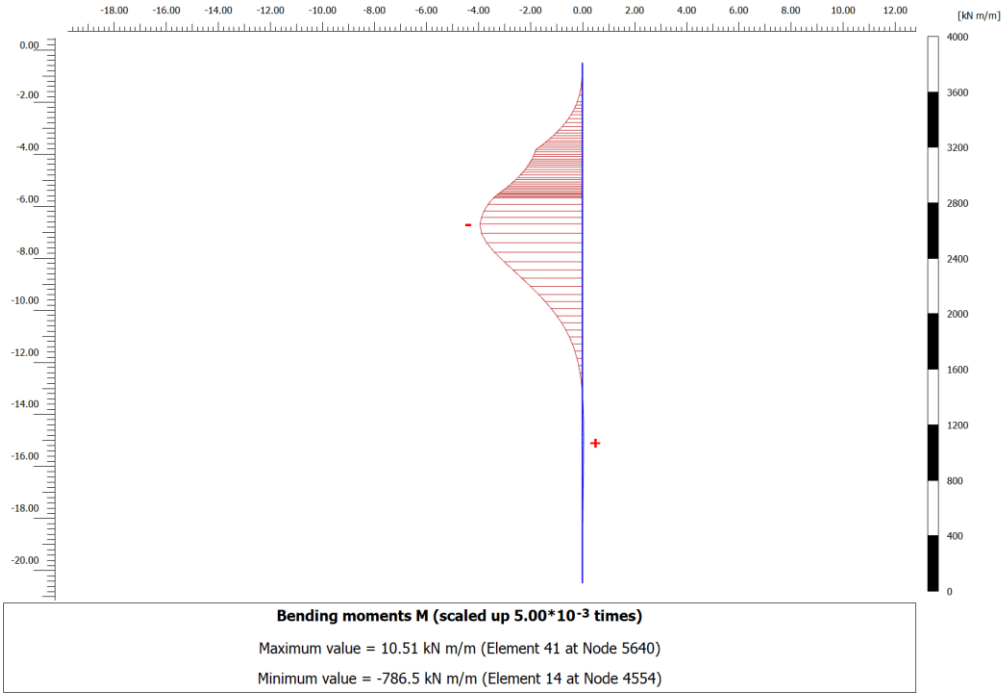


Figura 6.14 – Sezione TIPO 3 – Sollecitazioni flessionali condizione dimensionamento SLU

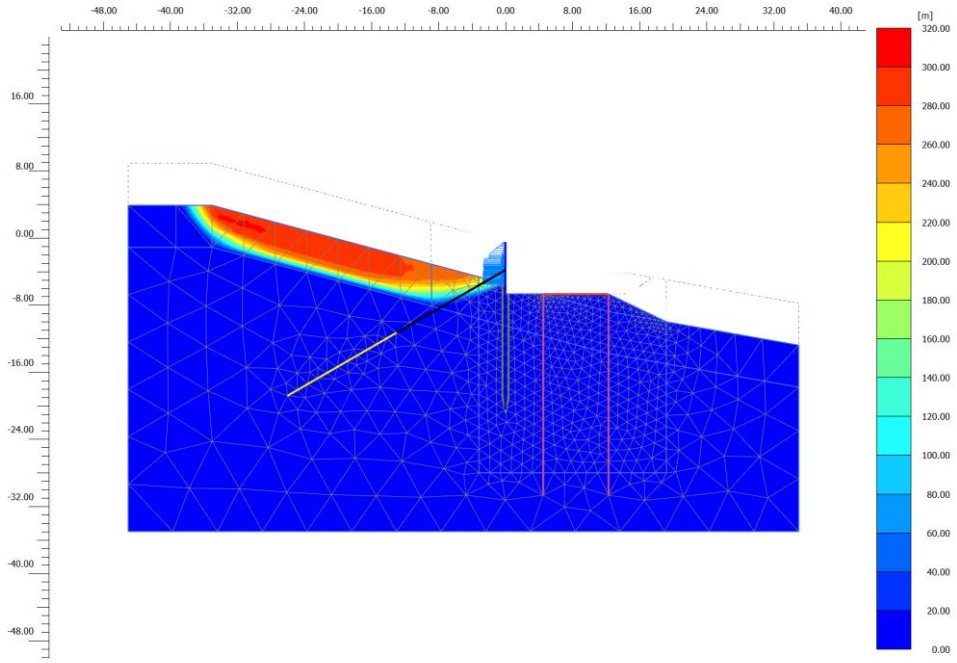


Figura 6.15 – Sezione TIPO 3 – Meccanismo di rottura in fase finale (condizione drenata)

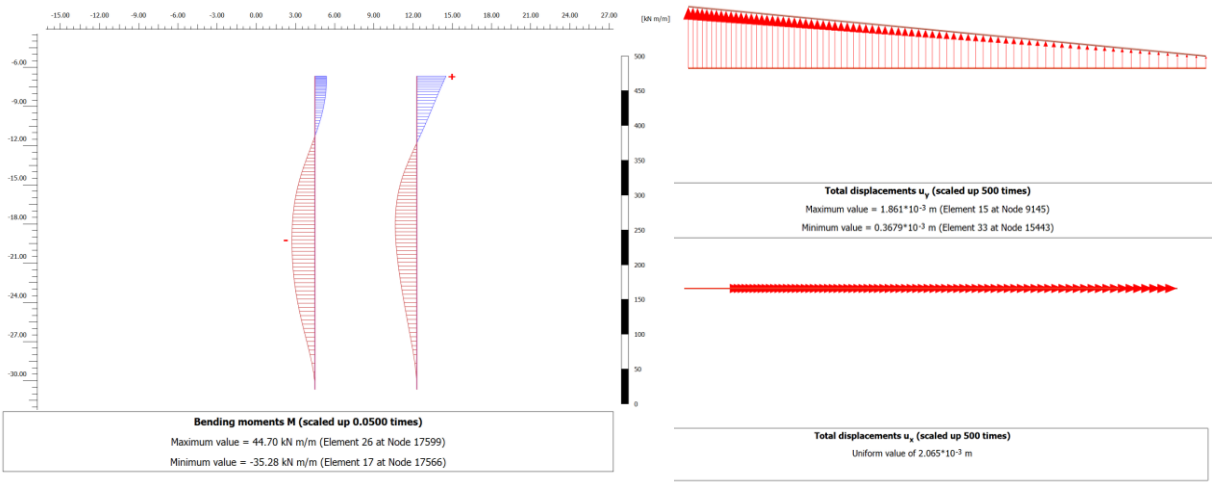


Figura 6.16 – Sezione TIPO 3 – Effetti sulle fondazioni

6.7 RISULTATI DELLE EDICOLE DI PROTEZIONE DELLE SPALLE

Si riporta Tabella 6.7 una sintesi dei risultati ottenuti dalla modellazione FEM, in termini di spostamenti orizzontali e momenti flettenti indotti sui pali di fondazione e delle rotazioni del plinto. In particolare, le rotazioni del plinto, moltiplicate per l'altezza della struttura in elevazione al di sopra di essa, porta ad avere spostamenti orizzontali trasmessi al viadotto entro i limiti di accettabilità (2÷3cm).

Si tenga presente che il momento riportato è il differenziale tra quello ottenuto al termine della costruzione e quello ottenuto nella fase di applicazione del carico di instabilità, per un interasse longitudinale (fuori piano) dei pali di 3.9 m: a titolo di esempio per il caso SLU si ha:

M_{palo} = (284.4-166.0)x3.9 = 461.8 kNm

In Tabella 6.8 si riportano il momento flettente e il taglio agenti sui pali delle edicole e il massimo tiro agente sui tiranti. Le verifiche strutturali e geotecniche di tali elementi sono riportate rispettivamente ai Par. 6.8 e 6.9.

Nella medesima tabella si riporta anche il fattore di sicurezza ottenuto per le diverse analisi eseguite, che risulta sempre soddisfatto.

Si riportano infine da Figura 6.1 a Figura 6.16 alcuni screen-shot dai modelli di calcolo i cui valori sono già sintetizzati nelle tabelle di cui sopra.

CASO	Spost orizz (mm)	Rotaz (mm/m)	M_{palo} - SLU (kNm/palo)	M_{palo} - SLV (kNm/palo)
Spalla	3.52	0.208	461.8	271.0

Tabella 6.7 – Deformazioni e sollecitazioni indotte sui plinti e sui pali di fondazione delle spalle

FASE	T (kN)	M (kNm/m)	V (kN/m)	FS	$FS_{obiettivo}$
UNDR Sis pseudost.	141.5	142.9	95.7	2.71	1.25
UNDR sp. vers	-4.5	344.2	206.1	11.0	1.25
UNDR sp. vers+sis	21.0	363.3	227.2	7.87	1.25
DR sp. vers	136.2	321.8	95.5	2.43	1.25

Tabella 6.8 – Edicole delle spalle – Risultati – Azioni di tiro nei tiranti e momenti flettenti

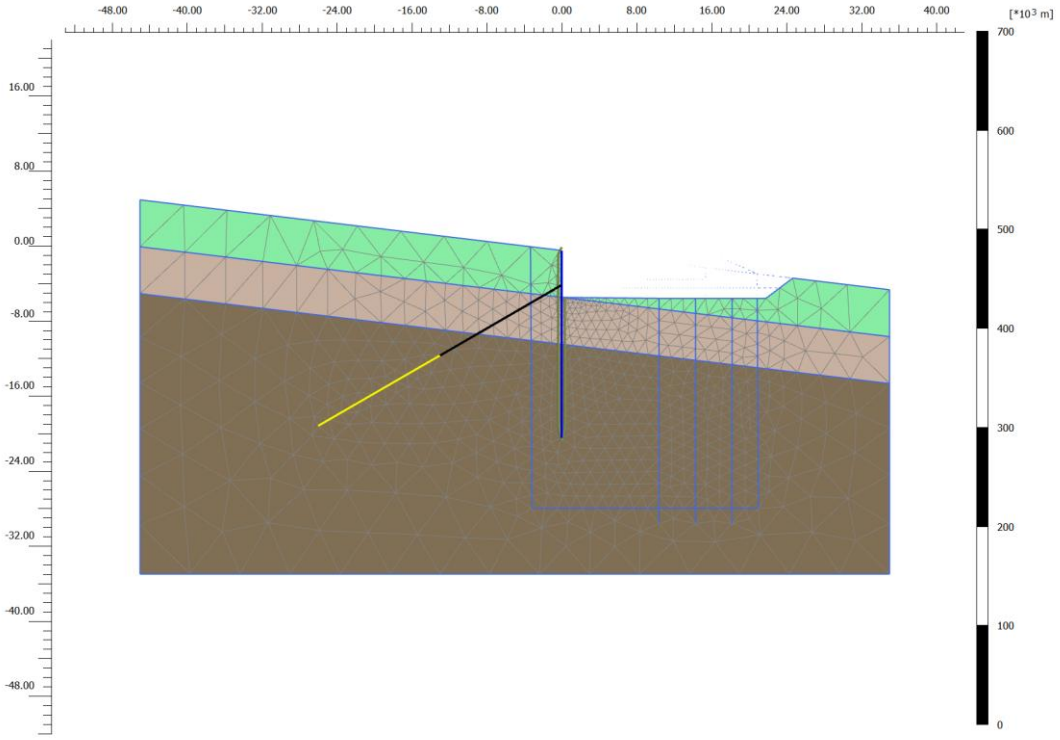


Figura 6.17 – Studio Spalla (Spalla A Viadotto 1) – Mesh di calcolo al termine dello scavo

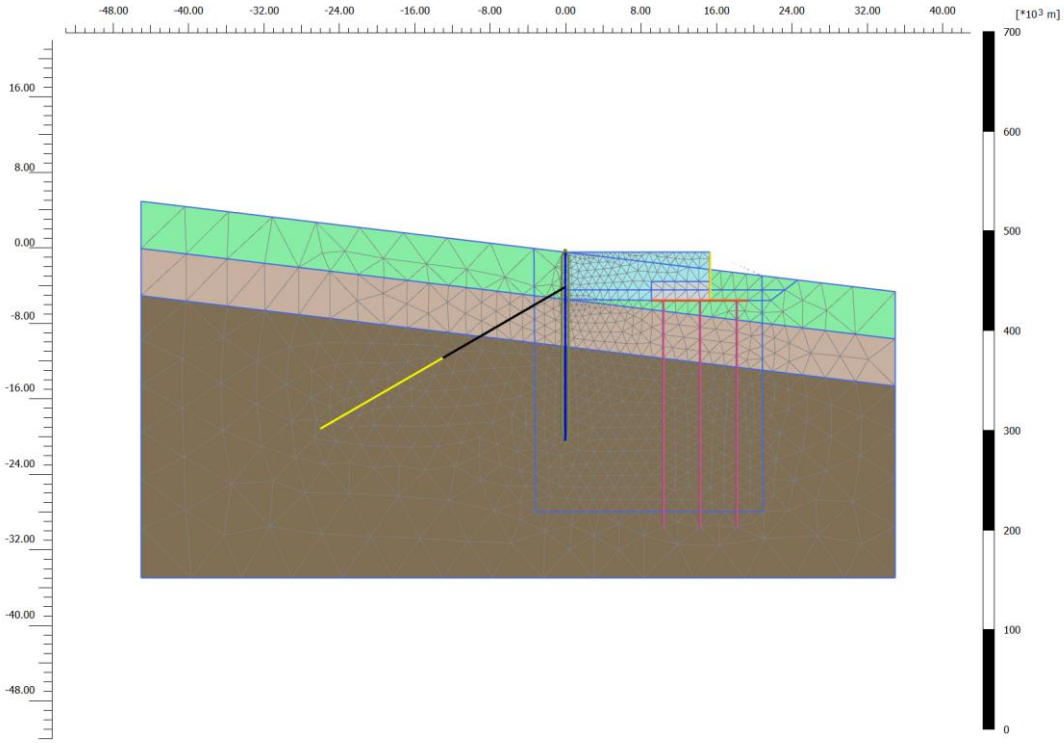


Figura 6.18 - Studio Spalla (Spalla A Viadotto 1) – Mesh di calcolo dopo costruzione e rinfianco

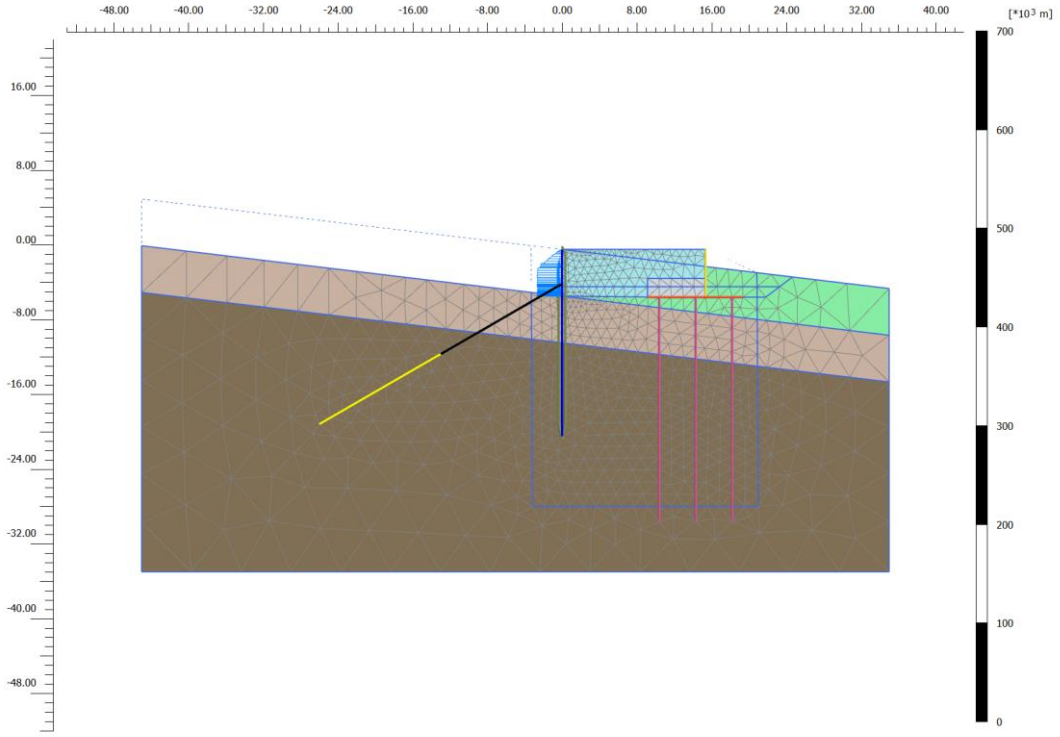


Figura 6.19 - Studio Spalla (Spalla A Viadotto 1) – Mesh di calcolo con spinte di versante instabile

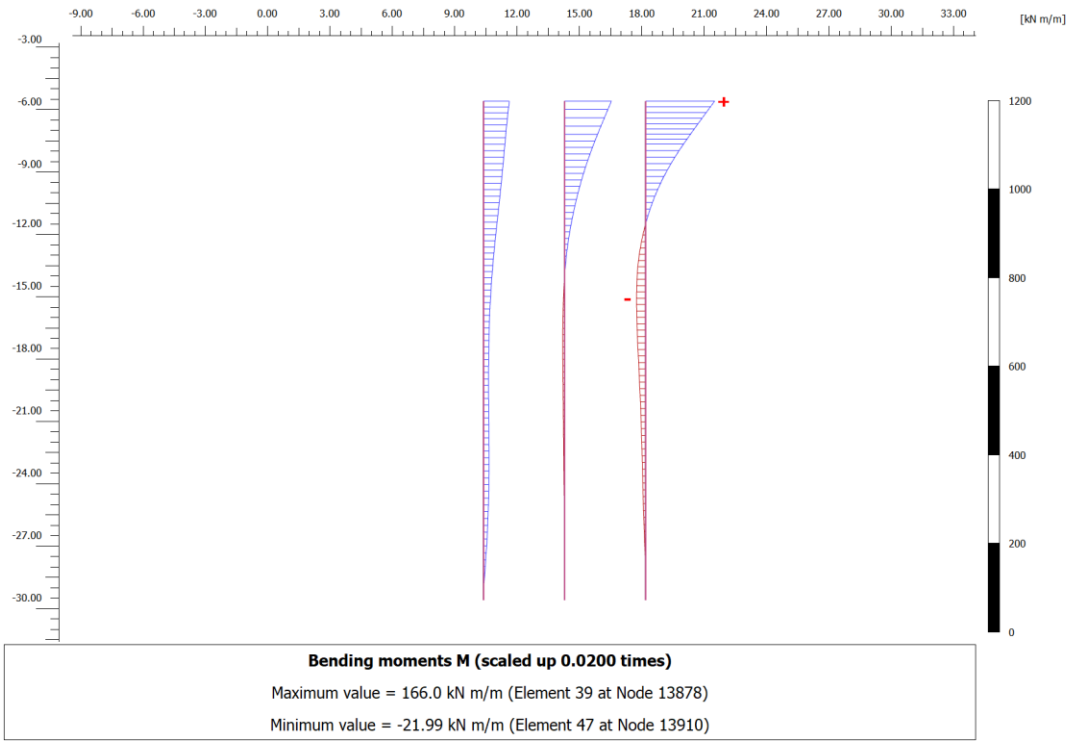


Figura 6.20 – Studio Spalla (Spalla A Viadotto 1) – Momento nei pali a termine costruzione

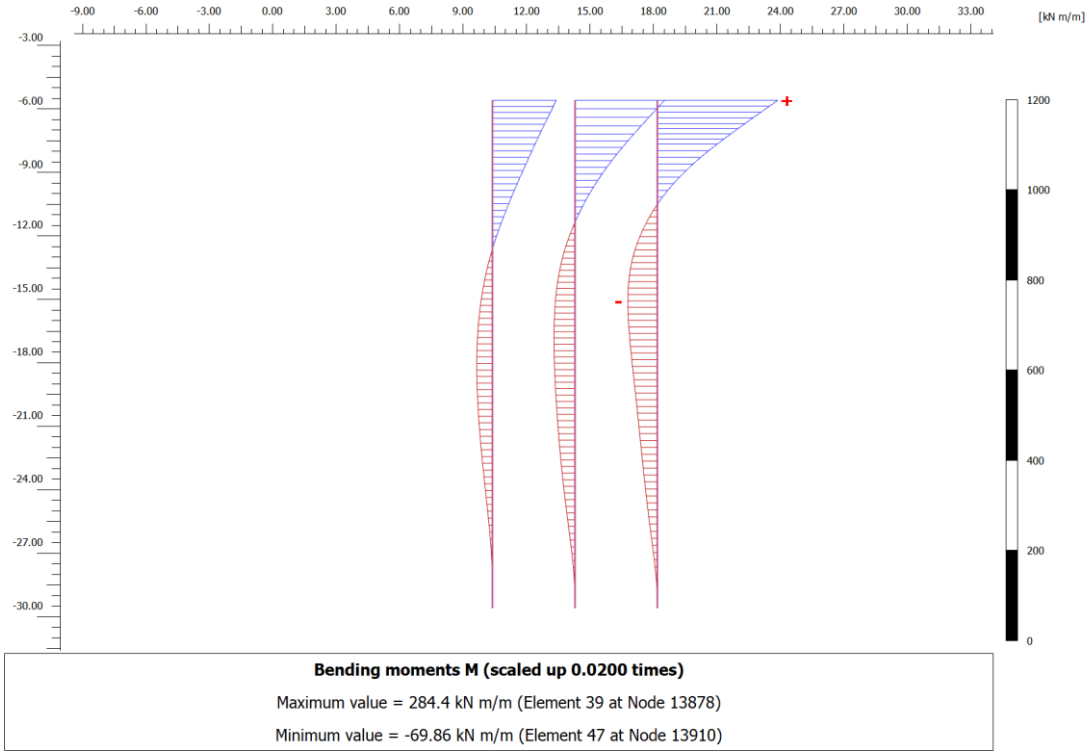


Figura 6.21 - Studio Spalla (Spalla A Viadotto 1) – Momento nei pali con spinta di versante

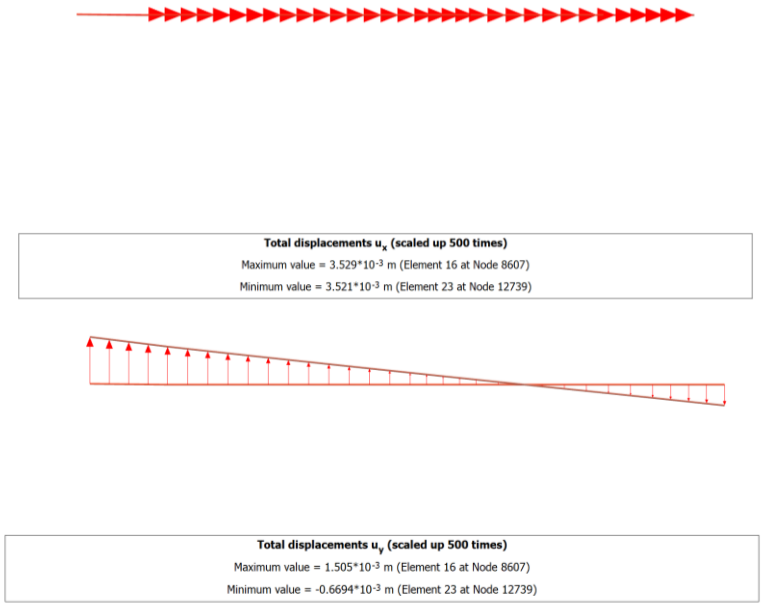


Figura 6.22 - Studio Spalla (Spalla A Viadotto 1) – Spostam. fondazione per effetto della spinta di versante

6.8 VERIFICHE STRUTTURALI DELLE EDICOLE

Si riportano in Tabella 6.10 e Tabella 6.9 le verifiche strutturali dei pali delle edicole. Le azioni considerate sono quelle ottenute nei calcoli FEM, di cui in Tabella 6.4, Tabella 6.5, Tabella 6.6 e Tabella 6.8, moltiplicate per l'interasse dei pali pari a i=1.1m e fattorizzate con coefficiente parziale unitario, in accordo a quanto riportato al Par. 6.3.1 per le combinazioni eccezionali.

Il calcolo del Momento e del Taglio resistente è stato effettuato con il software di calcolo RC-SEC, sviluppato da GeoStru (Rif. [18]). Gli output di calcolo delle sezioni armate sono riportati al Par. 9.3.

Ai fini di quanto previsto al §10.2 delle NTC-2018 ("*Giudizio motivato di accettabilità dei risultati*"), gli scriventi dichiarano di avere svolto verifiche di calcolo manuale con formulazioni teoriche, in condizioni schematiche, che hanno confermato la bontà e la correttezza del codice di calcolo utilizzato.

Per le verifiche strutturali bisogna assicurarsi che:

$$E_d \leq R_d$$

Tali verifiche sono sempre soddisfatte, essendo i tassi di sfruttamento η_M e η_V sempre minori dell'unità, dove si è definito:

$$\eta = E_d \,/ R_d$$

SEZIONE	ANALISI	CARATTERISTICHE PALO						RISULTATI E VERIFICHE PALO							
		L_P	D	i	Ferri longit	Staffe	Copri-ferro netto staffe	M_{calc}	M_{Ed}	M_{Rd}	η_M	V_{calc}	V_{Ed}	V_{Rd}	η_V
		m	*mm*	*m*	-	-	*mm*	*kNm/m*	*kNm*	*kNm*		*kN/m*	*kN*	*kN*	
SPALLA	ST-DR	20	800	1.1	18∅26	∅12/25 cm	75	322	354	953	0.37	96	106	456	0.23
	ST-UNDR							344	378	953	0.40	206	227	456	0.50
	SISM-UNDR							363	399	953	0.42	227	250	456	0.55

Tabella 6.9 – Verifiche strutturali dei pali delle edicole – Spalle

SEZIONE	ANALISI	CARATTERISTICHE PALO						RISULTATI E VERIFICHE PALO							
		L_P	D	i	Ferri longit	Staffe	Copri-ferro netto staffe	M_{calc}	M_{Ed}	M_{Rd}	η_M	V_{calc}	V_{Ed}	V_{Rd}	η_V
		m	*mm*	*m*	-	-	*mm*	*kNm/m*	*kNm*	*kNm*		*kN/m*	*kN*	*kN*	
TIPO 1	ST-DR	20	800	1.1	18∅26	∅12/25 cm	75	432	475	953	0.50	168	185	456	0.41
	ST-UNDR							563	619	953	0.65	233	256	456	0.56
	SISM-UNDR							629	692	953	0.73	267	294	456	0.64
TIPO 2	ST-DR	20	800	1.1	18∅26	∅12/25 cm	75	422	464	953	0.49	256	282	456	0.62
	ST-UNDR							742	816	953	0.86	258	284	456	0.62
	SISM-UNDR							821	903	953	0.95	289	318	456	0.70
TIPO 3	ST-DR	20	800	1.1	18∅26	∅12/25 cm	75	318	350	953	0.37	250	275	456	0.60
	ST-UNDR							707	778	953	0.82	251	276	456	0.61
	SISM-UNDR							787	866	953	0.91	283	311	456	0.68

Tabella 6.10 – Verifiche strutturali dei pali delle edicole – Pile

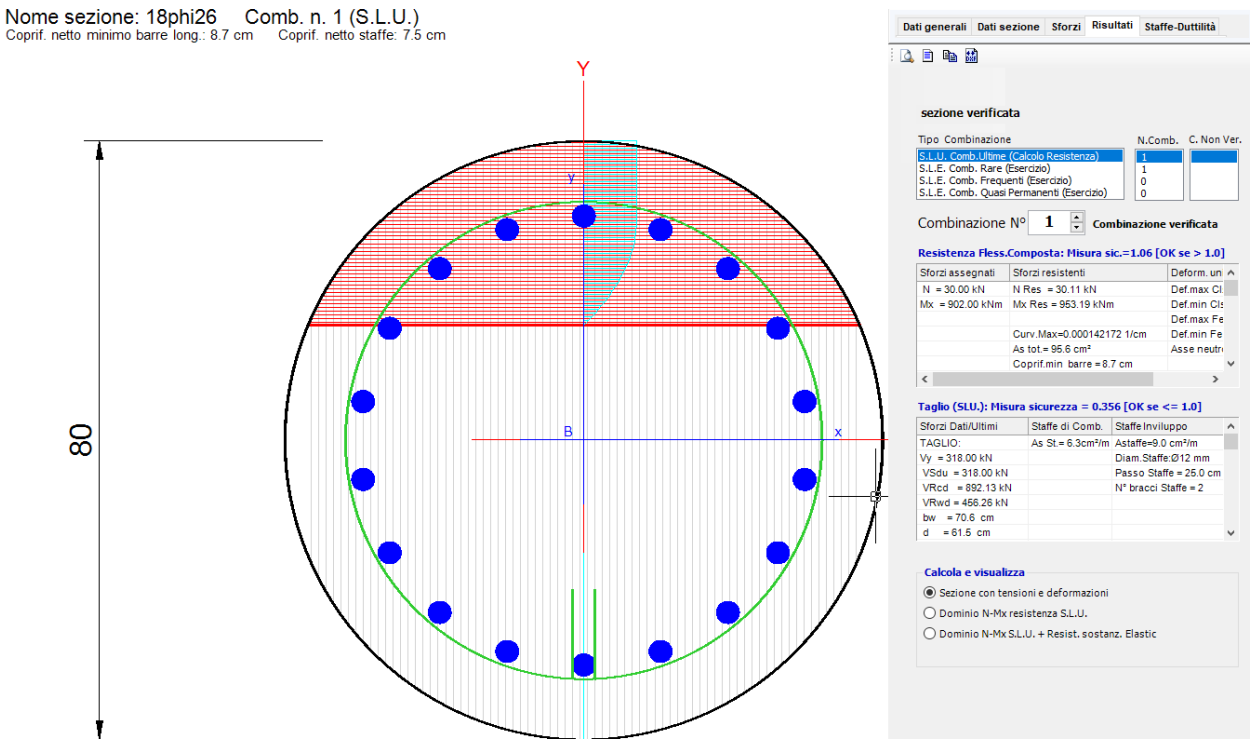


Figura 6.23 – Verifiche strutturali dei pali delle edicole

6.9 VERIFICA E DIMENSIONAMENTO DEI TIRANTI DELLE EDICOLE DI PROTEZIONE

Nel presente paragrafo si procede a verificare dal punto di vista strutturale e geotecnico i tiranti, sulla base delle azioni di progetto ottenute dalle analisi FEM

6.9.1 Caratteristiche dei tiranti

L'armatura tubolare di ancoraggio definitiva per le edicole di protezione delle pile è riassunta in Tabella 6.11:

SEZIONE	CARATTERISTICHE TIRANTI				
	L_L	L_B	passo	D_{perf}	tubolare armatura
	m	*m*	*m*	*mm*	-
TIPO 1	20	8	2.2	180	Ø 139.7mm sp.8.0mm S355
TIPO 2	20	8	2.2	180	Ø139.7mm sp.8.0mm S355
TIPO 3	20	10	3.3	180	Ø 139.7mm sp.10.0mm S355

Tabella 6.11 – Armatura tubolare di ancoraggio definitiva

6.9.2 Azioni di progetto

6.9.2.1 Edicole delle Pile

Per le sezioni Tipo 1 il valore massimo di sollecitazione risulta:

- Analisi statica in condizioni drenate: N_{Ed} = 803 kN;
- Analisi statica in condizioni non drenate: N_{Ed} = 346 kN;
- Analisi sismica in condizioni non drenate: N_{Ed} = 416 kN;

Per le sezioni Tipo 2 il valore massimo di sollecitazione risulta:

- Analisi statica in condizioni drenate: N_{Ed} = 833 kN;
- Analisi statica in condizioni non drenate: N_{Ed} = 312 kN;
- Analisi sismica in condizioni non drenate: N_{Ed} = 379 kN.

Per le sezioni Tipo 3 il valore massimo di sollecitazione risulta:

- Analisi statica in condizioni drenate: N_{Ed} = 1170 kN;
- Analisi statica in condizioni non drenate: N_{Ed} = 469 kN;
- Analisi sismica in condizioni non drenate: N_{Ed} = 564 kN.

6.9.2.2 Edicole delle Spalle

Per lo studio delle spalle il valore massimo di sollecitazione risulta:

- Analisi statica in condizioni drenate: N_{Ed} = 136.2 kN;
- Analisi statica in condizioni non drenate: N_{Ed} = 0 kN;
- Analisi sismica in condizioni non drenate: N_{Ed} = 141.5 kN;

6.9.3 Resistenze di progetto dei tubolari di armatura

Le lunghezze libere e le inclinazioni dell'armatura tubolare sono state assunte in modo tale da permettere l'ancoraggio del bulbo (parte attiva) al di fuori dell'ingombro dell'edicola di protezione.

In Tabella 6.12 è riportata la resistenza di progetto dei tubolari di armatura adottati.

Diametro nominale		Sezione	γs	f_{yk}	f_{yd}	$N_{Rd,str}$
Ø	*sp.(mm)*	*mm²*	-	*MPa*	*MPa*	*MPa*
139.7	8	1054	1.15	355	309	1022
139.7	10	1297	1.15	355	309	1258

Tabella 6.12 – Resistenza di progetto del singolo tubolare di armatura

6.9.4 Resistenze di progetto dei bulbi di ancoraggio: metodo di Bustamante e Doix

Con riferimento alle indicazioni contenute nel §6.6 delle NTC-2018 (Rif. [1]) si valuta la resistenza allo sfilamento con metodi di calcolo analitici a partire dai valori caratteristici dei parametri geotecnici dedotti dai risultati delle prove in sito e/o di laboratorio.

La resistenza di calcolo (per metro lineare) è valutata con la formula di Bustamante-Doix (Rif. [14]), ripresa dalle Raccomandazioni AICAP-2012 (Rif. [4]) che prevede:

$$N_{calc} = \pi \cdot \alpha \cdot D_p \cdot q_s$$

con:

α coefficiente amplificativo che tiene conto dell'incremento della sezione del bulbo per iniezioni multiple e ripetute, ricavato da Tabella 6.11;

D diametro del foro da cui viene realizzato il bulbo;

q_s resistenza disponibile lungo la superficie di contatto tra bulbo e terreno, ricavato da Figura 6.24.

I valori relativi al parametro α e alla resistenza tangenziale q_s sono stati assunti in accordo alle esperienze di Bustamante-Doix nell'ipotesi di realizzare i bulbi con iniezioni multiple e selettive (I.R.S). Per la valutazione dell'aderenza tangenziale malta-terreno nel substrato è stato considerato il grafico relativo a rocce tenere e fratturate, in virtù della profondità a cui vengono eseguiti i bulbi, ed in particolare la curva SG.1, valida per iniezioni ripetute e selettive (I.R.S.). Sono stati quindi assunti i seguenti valori:

q_s = 300 kPa

α = 1,8

Le lunghezze dei bulbi dovranno essere confermate o modificate a seguito di un adeguato campo prova secondo quanto indicato al §6.6.4 delle NTC-2018 e secondo quanto riportato al Par. 8.1 della presente relazione.

La resistenza di progetto allo sfilamento del tirante N_{Rd} è quindi valutata come:

$$N_{Rd} = \frac{Q_{sk} \cdot L_b}{\gamma_R} = \frac{N_{calc} \cdot L_b}{\xi_3 \cdot \gamma_R}$$

con: Q_{sk} resistenza caratteristica allo sfilamento per unità di lunghezza,

L_b lunghezza del bulbo di ancoraggio;

γ_R coefficiente parziale per i tubolari permanenti pari a 1.2 (NTC-2018);

N_{calc} come definito in precedenza, in accordo a Bustamante e Doix;

ξ_3 fattore di correlazione per derivare la resistenza caratteristica di base in funzione del numero di profili d'indagine (NTC-2018);

In Tabella 6.14 si riportano i dati di progetto e si fornisce il valore di Q_{sk} per una lunghezza unitaria del bulbo (L=1,0 m).

Terreno	Valori del coefficiente α_d		Quantità minima di miscela consigliata Vs	Rapporto A/C
	IRS ($p_i \geq p_l$)	IGU ($p_i < p_l$)		
Ghiaia	1,8	1,3 ÷ 1,4	1,5 Vs	1,7 ÷ 2,4
Ghiaia sabbiosa	1,6 ÷ 1,8	1,2 ÷ 1,4	1,5 Vs	
Sabbia ghiaiosa	1,5 ÷ 1,6	1,2 ÷ 1,3	1,5 Vs	
Sabbia grossa	1,4 ÷ 1,5	1,1 ÷ 1,2	1,5 Vs	
Sabbia media	1,4 ÷ 1,5	1,1 ÷1,2	1,5 Vs	
Sabbia fine	1,4 ÷ 1,5	1,1 ÷ 1,2	1,5 Vs	
Sabbia limosa	1,4 ÷ 1,5	1,5 ÷ 2,0	IRS: (1,5 ÷ 2) Vs; IGU: 1,5 Vs	
Limo	1,4 ÷ 1,6	1,1 ÷ 1,2	IRS: 2 Vs; IGU: 1,5 Vs	1,7 ÷ 2,4
Argilla	1,8 ÷ 2,0	1,2	IRS: (2,5 ÷ 3) Vs; IGU: (1,5 ÷ 2) Vs	
Marna	1,8	1,1 ÷ 1,2	(1,5 ÷ 2) Vs per strati compatti	1,7 ÷ 2,4
Calcari marnosi	1,8	1,1 ÷ 1,2	(2 ÷ 6) Vs o più per strati fratturati	
Calcari alterati o fratturati	1,8	1,1 ÷ 1,2		
Roccia alterata e/o fratturata	1,2	1,1	(2÷6) Vs o più per strati poco fratturati 2 Vs o più per strati fratturati	1,7 ÷ 2,4
IRS: *iniezione ad alta pressione a più stadi e ripetuta* IGU: *iniezione a bassa pressione in unica soluzione* p_l: *pressione limite dalla prova pressiometrica Menard* p_i: *pressione di iniezione*			$V_s = L_f D_s^2/4$ L_f: *lunghezza della fondazione* D_s: *diametro reale della fondazione*	
Nota: nella tabella sono riportati i valori teorici della quantità in volume della miscela di iniezione nelle diverse condizioni operative ed il rapporto acqua cemento ottimale (da Bustamante e Doix, 1985)				

Tabella 6.13 – Valori dei coefficienti α (da Rif. [4])

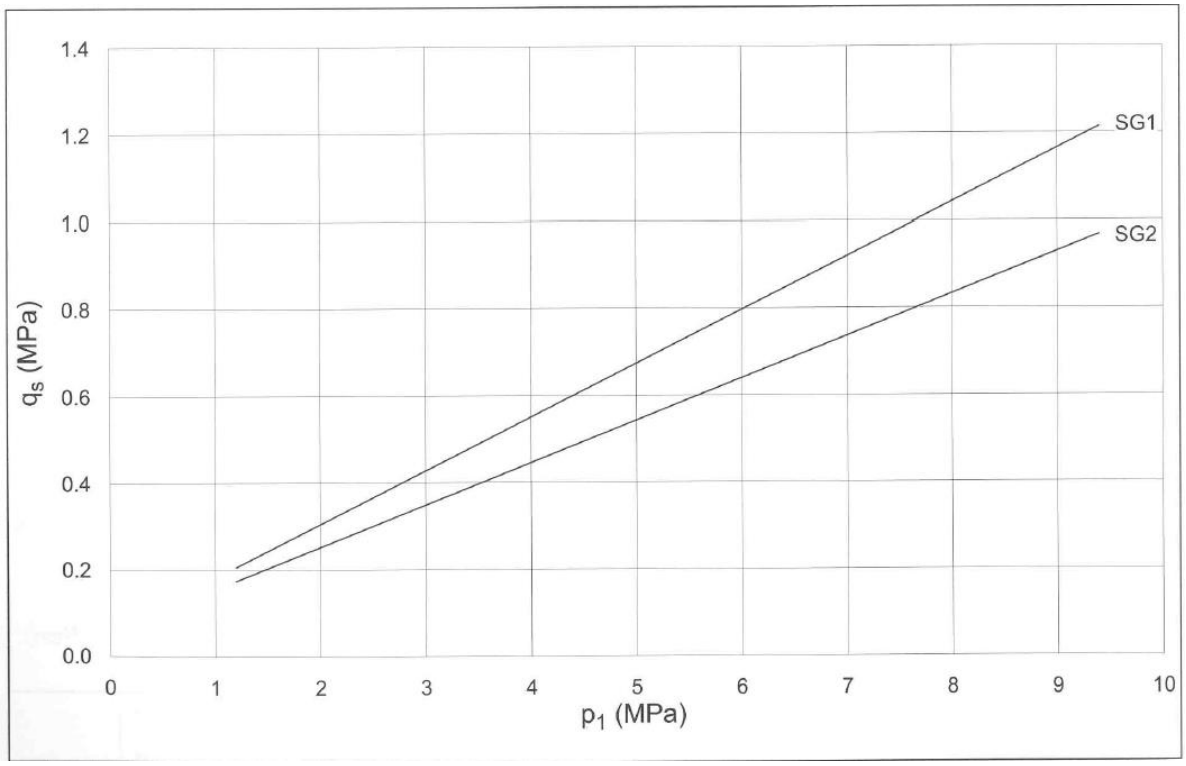


Figura 6.24 – Valori dei coefficienti q_s per rocce tenere e fratturate(da Rif. [4])

γ_R	$\alpha \cdot q_s$	D	ζ_3	$Q_{s,k}$
-	*MPa*	*mm*	-	*kN/m*
1.2	0.540	180	1.8	169.6

Tabella 6.14 – Valori della resistenza caratteristica unitaria, Q_{sk}

6.9.5 Verifiche strutturali e geotecniche

Di seguito in Tab. 4 si riporta una sintesi delle lunghezze del bulbo di fondazione per ciascun ordine di tubolari con i relativi valori di resistenza massimi e quelli delle azioni sollecitanti:

Per le verifiche strutturali e geotecniche bisogna assicurarsi che:

$$N_{Ed} \leq N_{Rd}$$

Tali verifiche sono sempre soddisfatte, essendo i tassi di sfruttamento η_{geo} e η_{str} sempre minori dell'unità, dove si è definito:

$$\eta = N_{Ed} / N_{Rd}$$

SEZIONE	ANALISI	RISULTATI E VERIFICHE TIRANTE					
		N_{calc} *kN*	N_{Ed} *kN*	$N_{Rd,geo}$ *kN*	η_{GEO}	$N_{Rd,str}$ *kN*	η_{STR}
TIPO 1	ST-DR	803	803	1131	0.71	1022	0.79
	ST-UNDR	346	346	1131	0.31	1022	0.34
	SISM-UNDR	416	416	1131	0.37	1022	0.41
TIPO 2	ST-DR	833	833	1131	0.74	1022	0.82
	ST-UNDR	312	312	1131	0.28	1022	0.31
	SISM-UNDR	379	379	1131	0.34	1022	0.37
TIPO 3	ST-DR	1170	1170	1414	0.83	1258	0.93
	ST-UNDR	469	469	1414	0.33	1258	0.37
	SISM-UNDR	564	564	1414	0.40	1258	0.45

Tabella 6.15 – Verifiche geotecniche e strutturali dei tiranti – Edicole delle Pile

SEZIONE	ANALISI	RISULTATI E VERIFICHE TIRANTE					
		N_{calc} *kN*	N_{Ed} *kN*	$N_{Rd,geo}$ *kN*	η_{GEO}	$N_{Rd,str}$ *kN*	η_{STR}
SPALLA	ST-DR	136	136	1131	0.12	1258	0.11
	ST-UNDR	0	0	1131	0.00	1258	0.00
	SISM-UNDR	142	142	1131	0.13	1258	0.11

Tabella 6.16 – Verifiche geotecniche e strutturali dei tiranti – Edicole delle Spalle

7 PALI DI FONDAZIONE

Si riportano in questo paragrafo le verifiche geotecniche dei pali di fondazione delle pile e delle spalle del viadotto 04; in ragione della uniformità del profilo stratigrafico assunto per l'intera tratta, esse sono estendibili alle analoghe opere d'arte presenti alle progressive che seguono.

Si precisa che i calcoli presentati in questo capitolo sono stati eseguiti considerando il profilo geotecnico definito al paragrafo §4.1. Data la natura limosa del materiale in sito, le verifiche sono estate eseguite considerando i seguenti parametri del terreno:

- SLV Condizione di breve termine; pertanto il calcolo è stato eseguito considerando i parametri non drenati;
- SLE e SLU condizione di lungo termine; pertanto il calcolo è stato eseguito considerando i parametri drenati.

7.1 APPROCCIO NORMATIVO: NTC 2018

Le verifiche geotecniche delle opere in esame sono state condotte in accordo a quanto previsto dalla normativa vigente (NTC-2018, Rif.[1]), nel rispetto degli stati limiti ultimi, di esercizio (SLE) e sismici (SLV).

La citata normativa richiede che sia rispettata la condizione:

$$E_d \leq R_d$$

Dove Ed è il valore di progetto dell'azione o degli effetti delle azioni ed R_d è il valore di progetto della resistenza del terreno attorno al palo.

7.1.1 Verifiche SLU

In condizione di stato limite ultimo (SLU) la verifica deve essere effettuata impiegando l'approccio 2, per il quale è richiesta la combinazione:

A1 + M1 + R3

dove il termine "+" significa "combinato con". Si sono quindi utilizzate azioni fattorizzate secondo i fattori del gruppo A1 (Tab. 6.2.I delle NTC-2018, riportata in Tabella 7.1 nella presente relazione), i parametri geotecnici abbattuti secondo il gruppo M1 (Tab. 6.2.II delle NTC-2018, riportata in Tabella 7.2), verificando l'ottenimento di un coefficiente di sicurezza del gruppo R3.

La resistenza di progetto (R_d) viene determinata mediate metodi di calcolo analitici a partire dei valori caratteristici dei parametri geotecnici (così come definiti al paragrafo §4.1).

Il valore caratteristico delle resistenze (R_{ck}) è dato dal minore di quelli ottenuti applicando i coefficienti di riduzione ξ_3, ξ_4, di cui alla Tab.6.4.IV del Rif. [1], qui riportata in Tabella 7.3, alle resistenze (limite) R_{cal} (valutate come descritto ai Par. 7.3 e 7.4):

$$R_{ck} = min\left\{\frac{(R_{c,cal})_{medio}}{\xi_3}; \frac{(R_{c,cal})_{minimo}}{\xi_4}\right\}$$

I valori di ξ3 e ξ4 vengono determinati in base al numero di verticali di indagine disponibili in corrispondenza fondazioni (in accordo alla Tabella 6.4.IV del Rif. [1]).

In ragione dell'unico profilo di progetto definito al paragrafo §4.1 adottato nei calcoli riportati nei successivi paragrafi, si sono assunti i coefficienti ξ3 e ξ4 pari a 1.7 corrispondenti ad una sola verticale indagata.

La resistenza di progetto, R_d, si otterrà applicando alle resistenze caratteristiche R_{ck} i seguenti coefficienti parziali, γ_R, in accordo alla Tabella 6.4.II del Rif. [1], qui riportata:

- Tabella 7.4 (resistenza di progetto per il caso di carichi assiali). Con riferimento alla tipologia di palo, si sono adottati i coefficienti relativi ai pali trivellati;

- Tabella 7.5 (resistenza di progetto per il caso di carichi orizzontali).

Tab. 6.2.I – *Coefficienti parziali per le azioni o per l'effetto delle azioni*

	Effetto	Coefficiente Parziale γ_F (o γ_E)	EQU	(A1)	(A2)
Carichi permanenti G_1	Favorevole	γ_{G1}	0,9	1,0	1,0
	Sfavorevole		1,1	1,3	1,0
Carichi permanenti G_2 (1)	Favorevole	γ_{G2}	0,8	0,8	0,8
	Sfavorevole		1,5	1,5	1,3
Azioni variabili Q	Favorevole	γ_{Qi}	0,0	0,0	0,0
	Sfavorevole		1,5	1,5	1,3

(1) Per i carichi permanenti G_2 si applica quanto indicato alla Tabella 2.6.I. Per la spinta delle terre si fa riferimento ai coefficienti γ_{G1}

Tabella 7.1 – Coefficienti parziali per le azioni da NTC 2018 (Tab.6.2.I Rif.[1])

Tab. 6.2.II – *Coefficienti parziali per i parametri geotecnici del terreno*

Parametro	Grandezza alla quale applicare il coefficiente parziale	Coefficiente parziale γ_M	(M1)	(M2)
Tangente dell'angolo di resistenza al taglio	$\tan \varphi'_k$	$\gamma_{\varphi'}$	1,0	1,25
Coesione efficace	c'_k	$\gamma_{c'}$	1,0	1,25
Resistenza non drenata	c_{uk}	γ_{cu}	1,0	1,4
Peso dell'unità di volume	γ_γ	γ_γ	1,0	1,0

Tabella 7.2 – Coefficienti parziali per i coefficienti geotecnici del terreno da NTC 2018 (Tab.6.2.II Rif. [1])

Tab. 6.4.IV - *Fattori di correlazione ξ per la determinazione della resistenza caratteristica in funzione del numero di verticali indagate*

Numero di verticali indagate	1	2	3	4	5	7	≥ 10
ξ_3	1,70	1,65	1,60	1,55	1,50	1,45	1,40
ξ_4	1,70	1,55	1,48	1,42	1,34	1,28	1,21

Tabella 7.3 – Coefficienti parziali ξ fondazioni su pali da NTC 2018 (Tab.6.4.IV Rif. [1])

Tab. 6.4.II – *Coefficienti parziali γ_R da applicare alle resistenze caratteristiche a carico verticale dei pali*

Resistenza	Simbolo	Pali infissi	Pali trivellati	Pali ad elica continua
	γ_R	(R3)	(R3)	(R3)
Base	γ_b	1,15	1,35	1,3
Laterale in compressione	γ_s	1,15	1,15	1,15
Totale (*)	γ	1,15	1,30	1,25
Laterale in trazione	γ_{st}	1,25	1,25	1,25

(*) da applicare alle resistenze caratteristiche dedotte dai risultati di prove di carico di progetto.

Tabella 7.4 – Coefficienti parziali γ_R fondazioni su pali da NTC 2018 (Tab.6.4.II Rif. [1])

Tab. 6.4.VI - *Coefficiente parziale γ_T per le verifiche agli stati limite ultimi di pali soggetti a carichi trasversali*

Coefficiente parziale (R3)
$\gamma_T = 1,3$

Tabella 7.5 – Coefficienti parziali γ_R fondazioni su pali carichi orizzontali da NTC 2018 (Tab.6.4.VI Rif. [1])

7.1.2 Verifiche SLE

In accordo a quanto riportato nel § 6.4.3.2 delle NTC-2018 (Rif. [1]), "*devono essere presi in considerazione i seguenti stati limite di esercizio, pertinenti a eccessivi cedimenti o sollevamenti e eccessivi spostamenti trasversali. Specificatamente, si devono calcolare i valori degli spostamenti e delle distorsioni nelle combinazioni caratteristiche previste per gli stati limite di esercizio, per verificarne la compatibilità con i requisiti prestazionali della struttura in elevazione. La geometria della fondazione (numero, lunghezza, diametro e interasse pali) deve essere stabilita nel rispetto dei requisisti prestazionali, tenendo opportunatamente conto degli effetti di interazione tra i pali e considerando i diversi meccanismi di mobilitazione della resistenza laterale rispetto alla resistenza di base, soprattutto in presenza di pali di grande diametro*".

7.1.3 Verifiche SLV

In accordo a quanto riportato nel § 7.11.1 delle NTC-2018 (Rif. [1]), le verifiche degli stati limiti ultimi in presenza di azioni sismiche devono essere eseguite ponendo pari a 1 i coefficienti parziali sulle azioni e sui parametri geotecnici e impiegando le resistenze di progetto con i coefficienti parziali γ_R indicati al capitolo 6 delle NTC 2018(Rif.[1]) e qui riportati in Tabella 7.4 e Tabella 7.5.

7.2 CARICHI DI PROGETTO

In questo paragrafo sono riportati le azioni di progetto agenti sul singolo palo ottenuto partendo dalle analisi strutturali presentate al Rif.[8].

I carichi agenti a intradosso plinto derivanti dalle analisi strutturali sono stati distribuiti elasticamente sulla palificata al fine di ottenere le azioni in testa palo da considerare per le verifiche presentate nei paragrafi successivi. Noto il numero dei pali, la loro posizione planimetrica rispetto al baricentro del plinto ed ipotizzando che questi reagiscano in maniera analoga poiché dotati di uguale rigidezza, è possibile risalire alle azioni agenti su ogni singolo palo attraverso la seguente formula:

$$N_i = \frac{N}{n} \pm \left[M_x \frac{x_i}{\sum x_j^2} \right] \pm \left[M_y \frac{y_i}{\sum y_j^2} \right]$$

$$T_i = \left\{ \left[\frac{V_x}{n} \pm \frac{M_z}{\sum x_i^2 + y_i^2} y_i \right]^2 + \left[\frac{V_y}{n} \pm \frac{M_z}{\sum x_j^2 + y_j^2} x_i \right]^2 \right\}^{0.5}$$

Dove:

- N_i è il carico agente su ogni singolo palo
- N è il carico verticale totale;
- n è il numero dei pali;
- M_x è il momento flettente agente ad intradosso fondazione attorno all'asse x;
- M_y è il momento flettente agente ad intradosso fondazione attorno all'asse y
- V_x è il taglio agente ad intradosso fondazione attorno all'asse x;
- V_y è il taglio agente ad intradosso fondazione attorno all'asse y;
- x_i & y_i coordinate dell'asse della testa del palo i-esimo considerato in un sistema di riferimento passante per il baricentro;

I risultati ottenuti dalla distribuzione e considerati nelle verifiche presentate nei successivi paragrafi sono mostrati in Tabella 7.6.

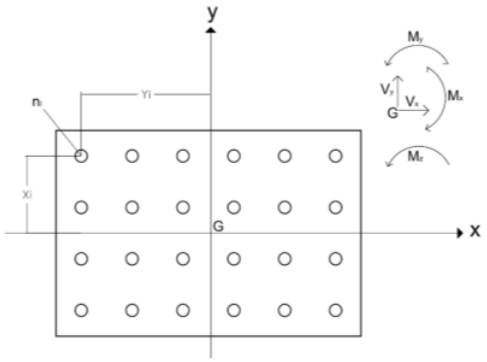


Figura 7.1 – Esempio di palificata per il calcolo della distribuzione

		Combinazione	AZIONE ASSIALE PALO PIU' SOLLECITATO (kN)	AZIONE DI TAGLIO PALO PIU' SOLLECITATO (kN)	LUNGHEZZA PALO (m)
VIADOTTO 04	SPALLE	SLU	4567	697	30
		RARA	3383	500	
		FR	3176	463	
		QP	2553	350	
		ECC	3331	484	
		SISMA	5483	1814	
	PILA P1/P3	SLU	5435	176	33
		RARA	3991	122	
		FR	3743	68	
		QP	3160	42	
		SISMA	4558	394	
	PILA P2	SLU	5814	210	35
		RARA	4263	140	
		FR	3880	39	
		QP	3245	0	
		SISMA	5277	438	

Tabella 7.6 –Carichi di progetto ottenuti dalla ridistribuzione

7.3 DIMENSIONAMENTO DEI PALI NEI CONFRONTI DEI CARICHI ASSIALI

Per la valutazione della capacità portante assiale limite è stato utilizzato il metodo indicato nelle raccomandazioni AGI (Rif.[3]), i cui dettagli sono richiamati nel presente paragrafo. La capacità portante limite dei pali è calcolata mediante la seguente espressione:

$$Q_{lim} = F_s + Q_b = \sum (f_s A_s) + q_b A_b$$

Dove:

- Q_{lim} = capacità portante limite;
- F_s = resistenza laterale;
- Q_b = resistenza di base;
- f_s = attrito laterale unitario;
- A_s = area laterale;

- q_b = resistenza unitaria di base;
- A_b = area di base.

In particolate, per il calcolo della capacità portante in condizione di breve termine (non drenata) l'attrito laterale e la resistenza di base sono stati valutati mediante le seguenti formulazioni:

- Attrito laterale $f_{si} = \alpha_i C_{ui}$

  dove:
  - α_i è il coefficiente di aderenza laterale limite, determinato per pali trivellati in accordo all'approccio suggerito dalle raccomandazioni AGI (Rif. [3])
  - C_u è la resistenza al taglio in condizione non drenata nel tratto i-esimo considerato.
- Resistenza di base $q_{bi} = N_c C_u$

  dove:
  - Nc è il coefficiente di capacità portante;
  - C_u è la resistenza al taglio in condizione non drenata alla quota della base del palo.

A differenza di quanto calcolato in condizione di breve termine, nella condizione di lungo termine, l'attrito laterale e la resistenza di base sono stati valutati adottando le seguenti formulazioni:

- Attrito laterale $f_{si} = c' + k\sigma'_v \tan(\phi)$

  dove:
  - c' è la coesione assunta pari al 50% di quella assunta in Tabella 4.1;
  - k è il rapporto fra la pressione verticale ed orizzontale efficace, assunto pari a 0.7 in accordo al Rif. [3];
  - ϕ_p è l'angolo di resistenza al taglio nel tratto i-esimo di palo considerato.
- Resistenza di base $q_{bi} = N_q \sigma'_v \leq q_{max}$

  dove:
  - Nc è il coefficiente di capacità portante;
  - σ'_v è la pressione verticale efficace alla profondità della base del palo;
  - q_{max} è il valore massimo della pressione limite di base.
  -

7.3.1 Risultati ottenuti

7.3.1.1 Capacità portante di calcolo

Sulla base dei metodi di calcolo di cui ai precedenti Par. 7.3 si sono calcolate le resistenze di calcolo di base e laterale. Le curve di resistenza sono riportate nelle seguenti figure:

- Condizione drenata:
  - Capacità portante di calcolo della base (Figura 7.2);
  - Capacità portante di calcolo laterale (Figura 7.3);
  - Capacità portante di calcolo a Compressione (Figura 7.4);
  - Capacità portante di calcolo a Trazione (Figura 7.5);
- Condizione non drenata:
  - Capacità portante di calcolo della base (Figura 7.6);
  - Capacità portante di calcolo laterale (Figura 7.7);
  - Capacità portante di calcolo a Compressione (Figura 7.8);
  - Capacità portante di calcolo a Trazione (Figura 7.9).

7.3.1.2 Capacità portante di progetto

In accordo alla normativa vigente, come riportato nel Par.6.3, si sono quindi determinati i valori delle resistenze di progetto in compressione, $R_{c,d}$, e in trazione, $R_{t,d}$. In particolare, i diagrammi da utilizzare per la scelta della lunghezza dei pali di fondazione sono raccolti nelle seguenti figure con anche inclusi i carichi di progetto definiti al paragrafo §7.2:

- Condizione drenata Compressione (Figura 7.10) e Trazione (Figura 7.11);
- Condizione non drenata Compressione (Figura 7.12) e Trazione (Figura 7.13).

Sulla base delle figure sopra citate le lunghezze di progetto per i pali delle spalle e delle pile sono riportate in Tabella 7.7.

Per quanto riguarda il comportamento di gruppo dei diversi plinti, si è verificato che la capacità portante del blocco di terreno individuato dal perimetro esterno tangente ai pali spinto fino alla base degli stessi, è di gran lunga superiore alla somma della capacità assiale dei singoli pali presenti al di sotto si ciascuna fondazione

			L.PALO (m)	Carico Massimo (kN)	R_d (Drenato) (kN)	R_d (Non Drenato) (kN)	$R_{d\text{-}MIN}$ (kN)	FS (-)	VERIFICA (-)
SLU	SPALLE	COMPRESSIONE	30	4567	4832	8438	4832	1.06	OK
		TRAZIONE		0	4547	6878	4547	-	OK
	PILE P1/P3	COMPRESSIONE	33	5435	5461	8836	5461	1.00	OK
		TRAZIONE		0	5167	7622	5167	-	OK
	PILA P2	COMPRESSIONE	35	5814	5900	8836	5900	1.01	OK
		TRAZIONE		0	5599	8119	5599	-	OK
SLV	SPALLE	COMPRESSIONE	30	5483	-	8638	8638	1.58	OK
		TRAZIONE		690	-	6878	6878	9.97	OK
	PILE P1/P3	COMPRESSIONE	33	4558	-	8836	8836	1.94	OK
		TRAZIONE		0	-	7622	7622	-	OK
	PILA P2	COMPRESSIONE	35	5277	-	8836	8836	1.67	OK
		TRAZIONE		0	-	8119	8119	-	OK

Tabella 7.7 –Verifiche capacità portanti e Lunghezze Pali

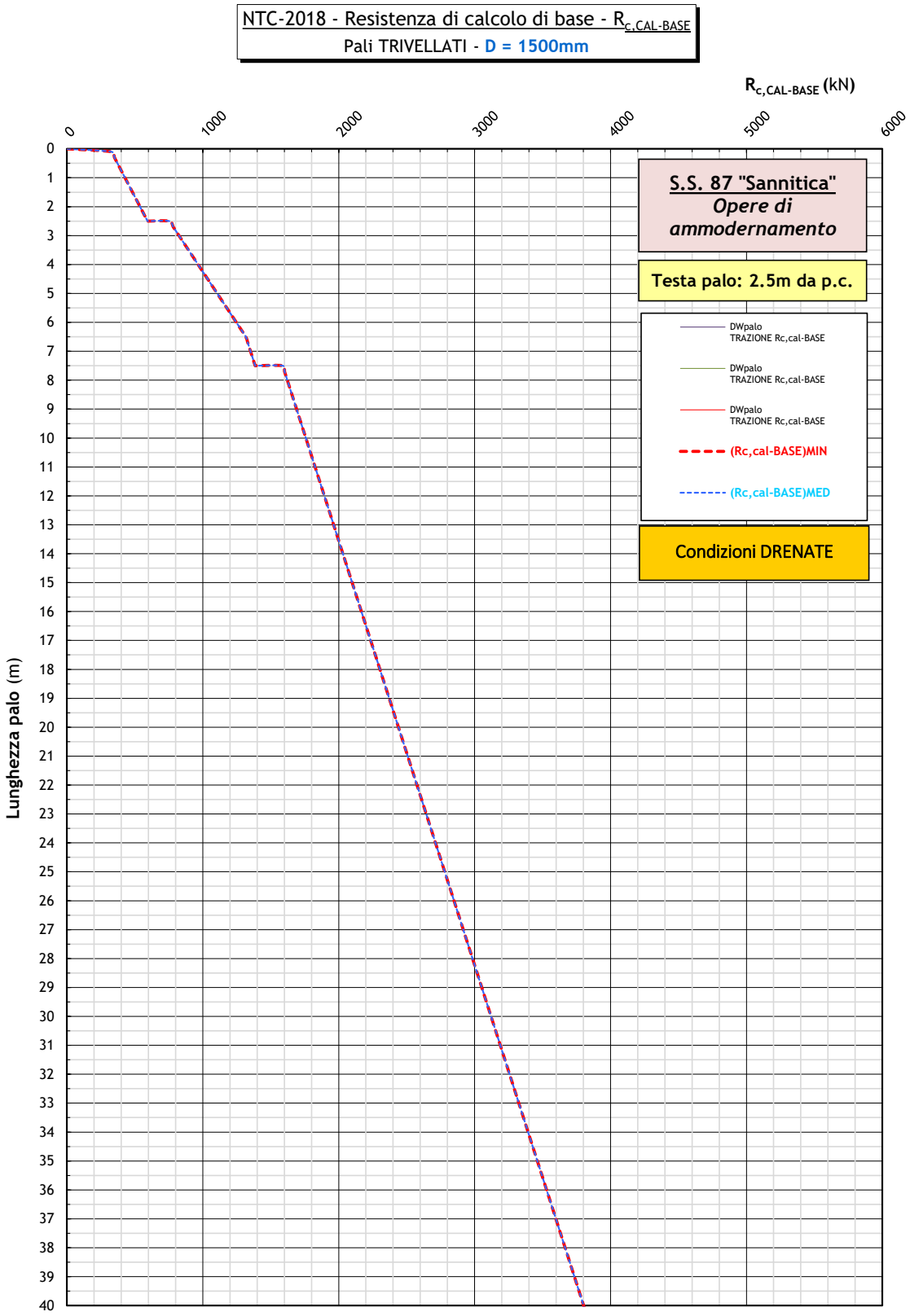


Figura 7.2 – Capacità portante di calcolo ($Rc_{,cal\_BASE}$) – Caso drenato

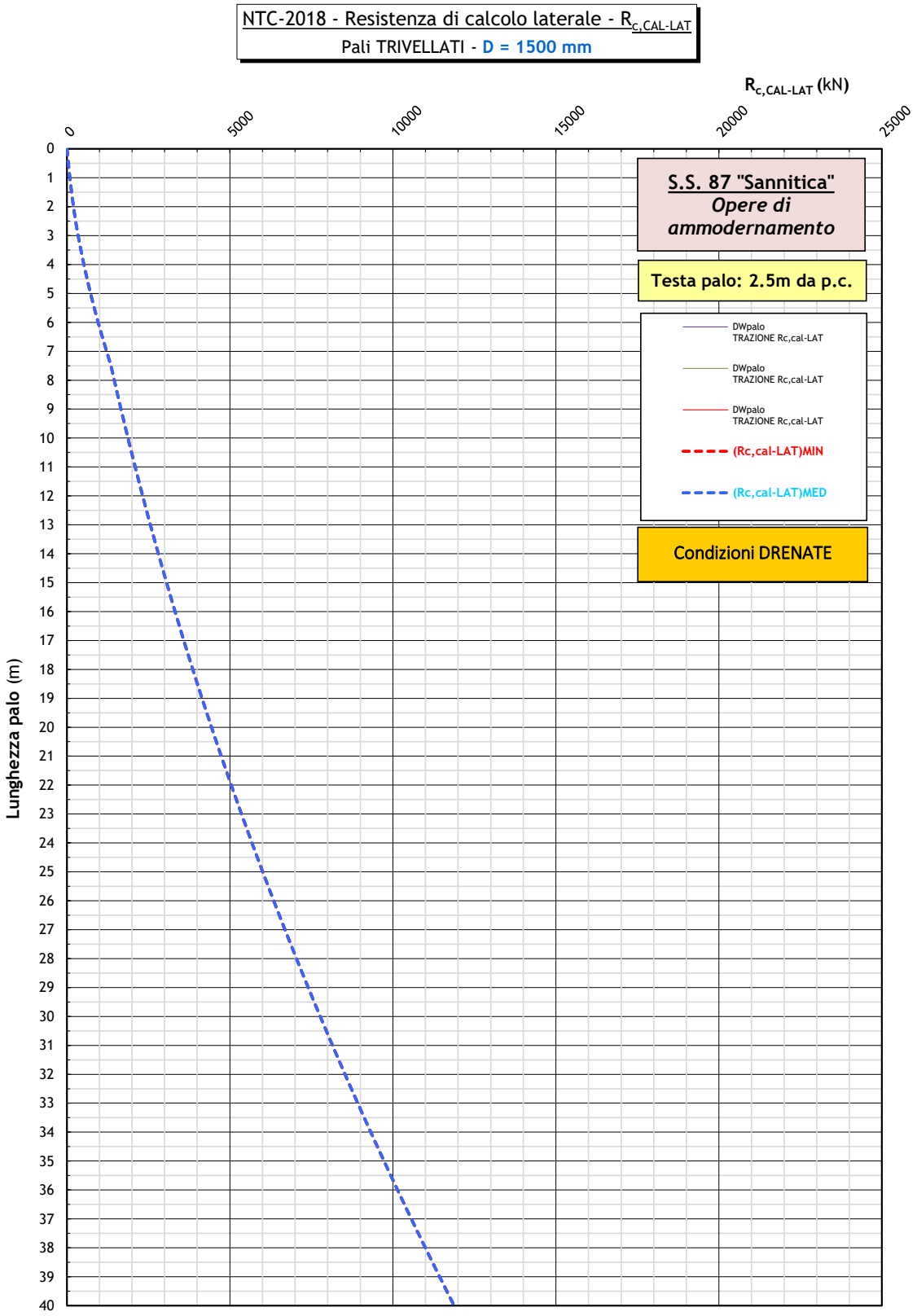


Figura 7.3 – Capacità portante di calcolo ($Rc_{,cal\_LAT}$) – Caso drenato

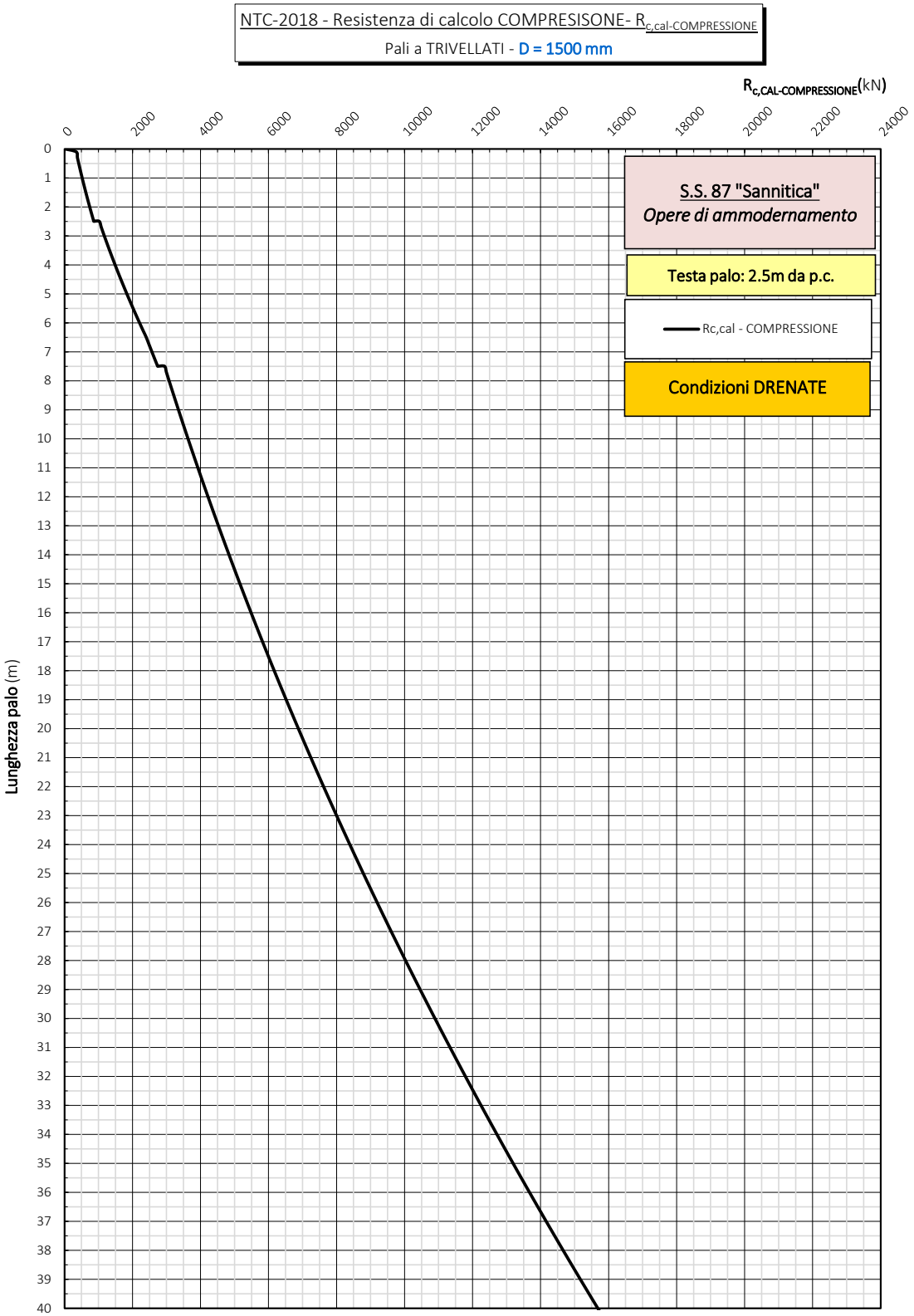


Figura 7.4 – Capacità portante di calcolo ($Rc_{,cal}$) – COMPRESSIONE – Caso drenato

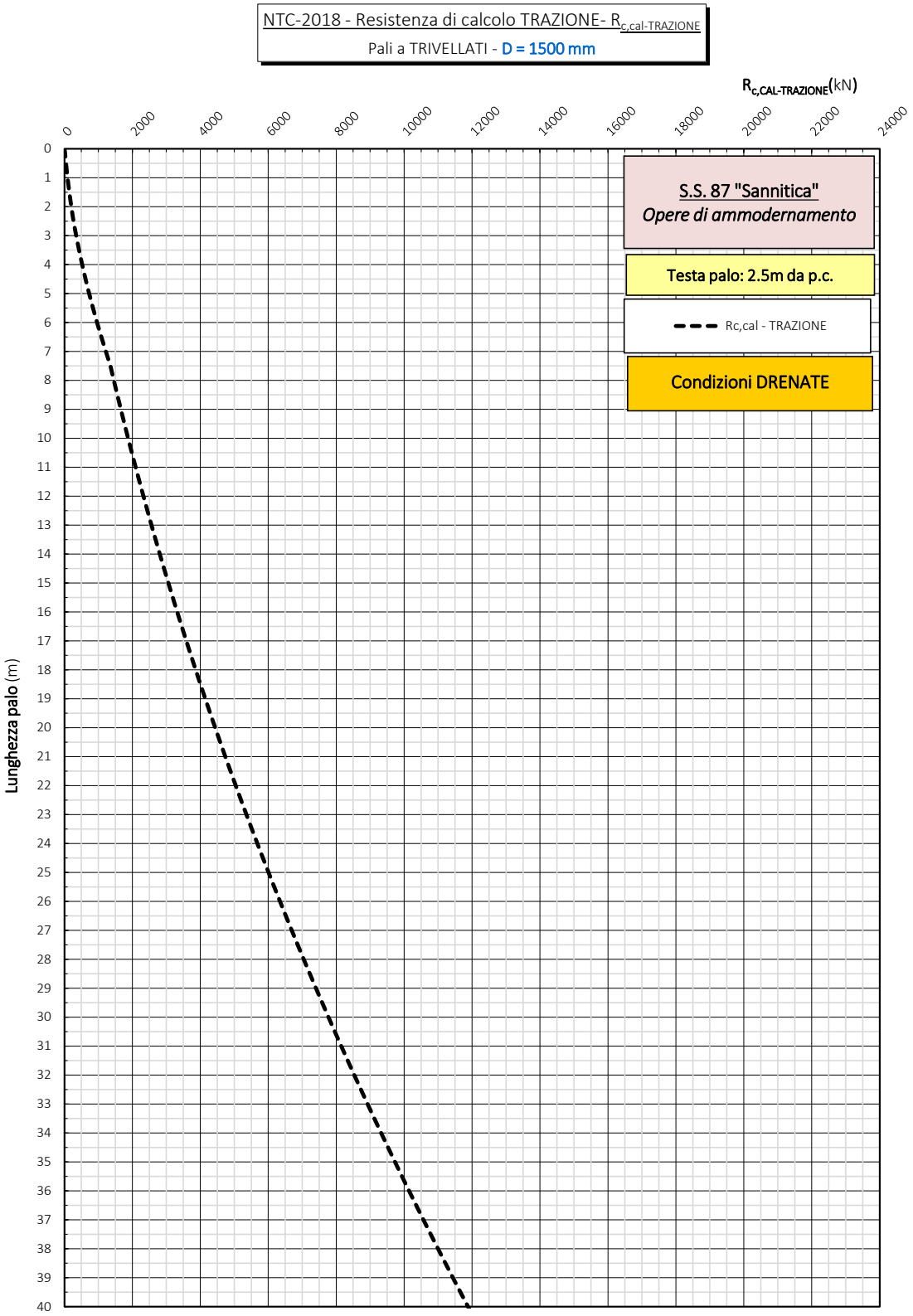


Figura 7.5 – Capacità portante di calcolo ($Rc_{,cal}$) – TRAZIONE – Caso drenato

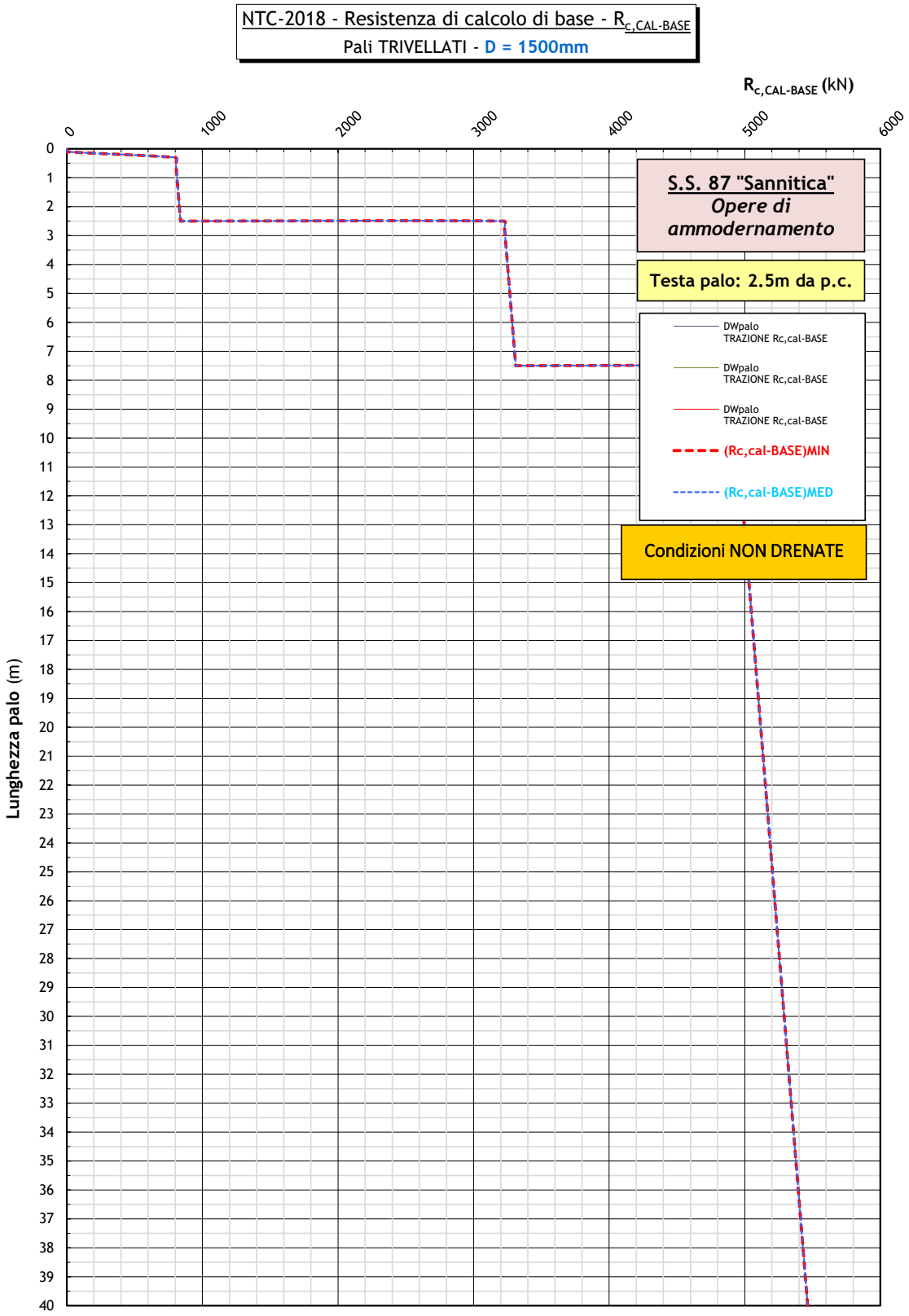


Figura 7.6 – Capacità portante di calcolo ($Rc_{,cal\_BASE}$) – Caso non drenato

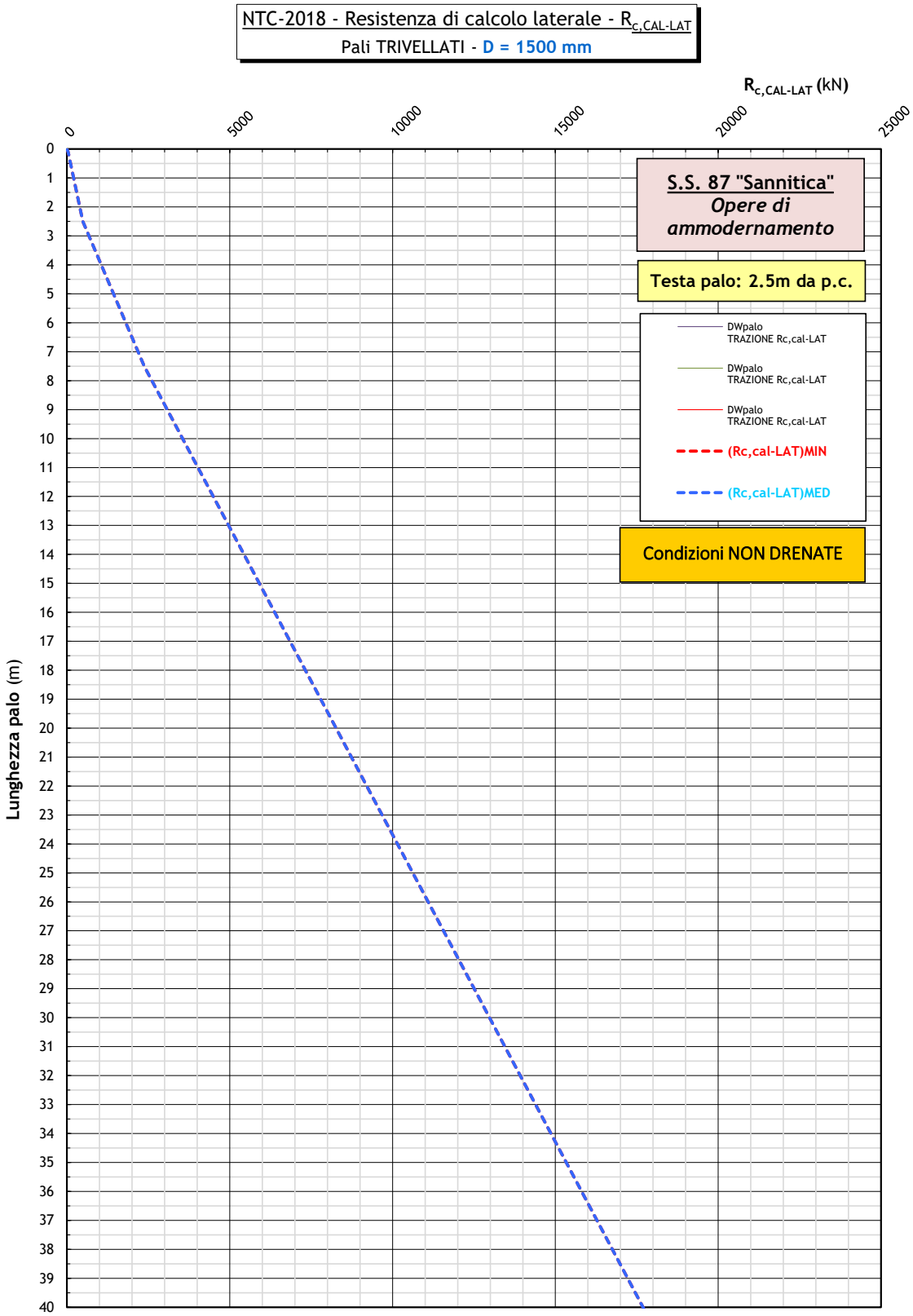


Figura 7.7 – Capacità portante di calcolo ($Rc_{,cal\_LAT}$) – Caso non drenato

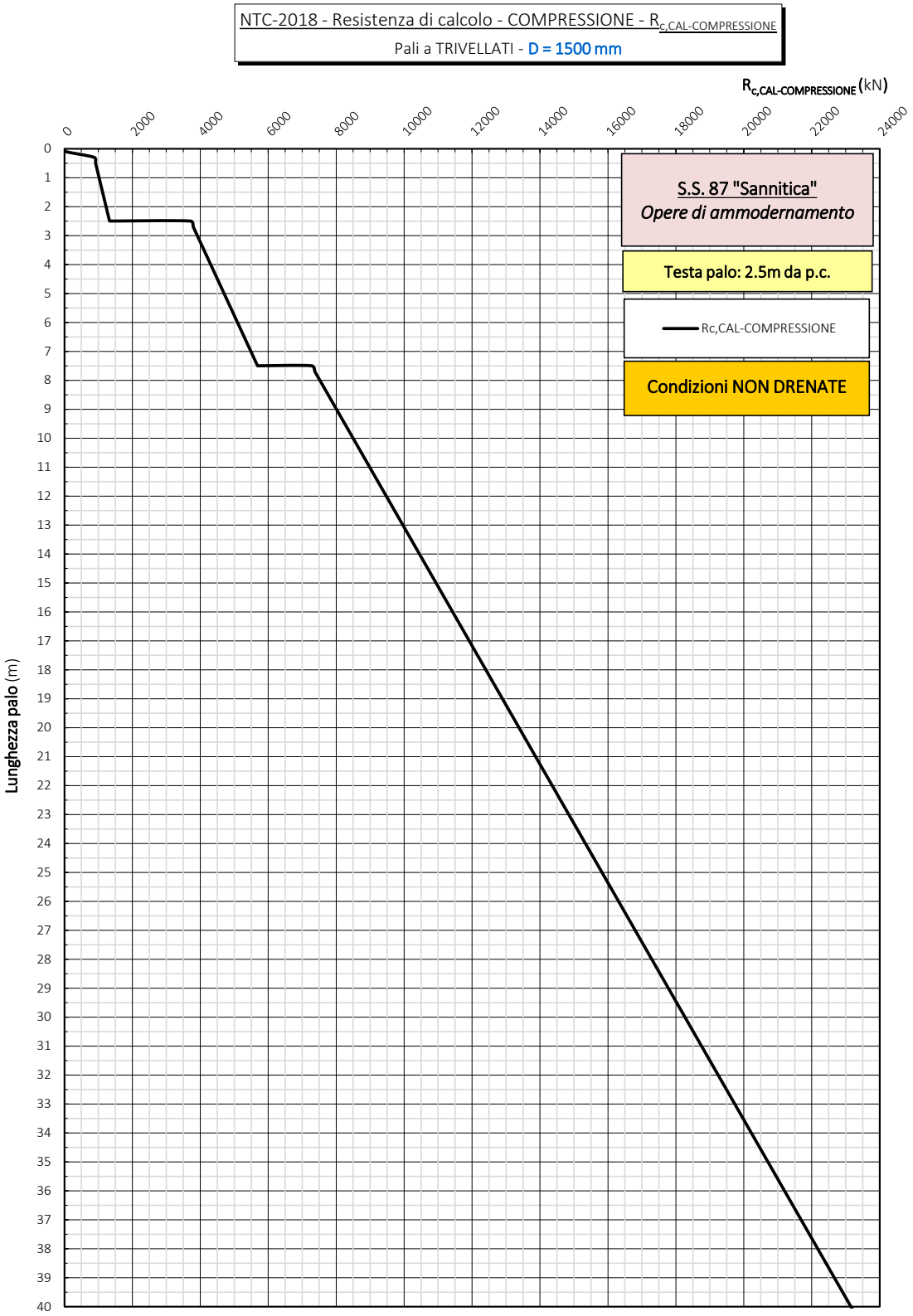


Figura 7.8 – Capacità portante di calcolo ($Rc_{,cal}$) – COMPRESSIONE – Caso non drenato

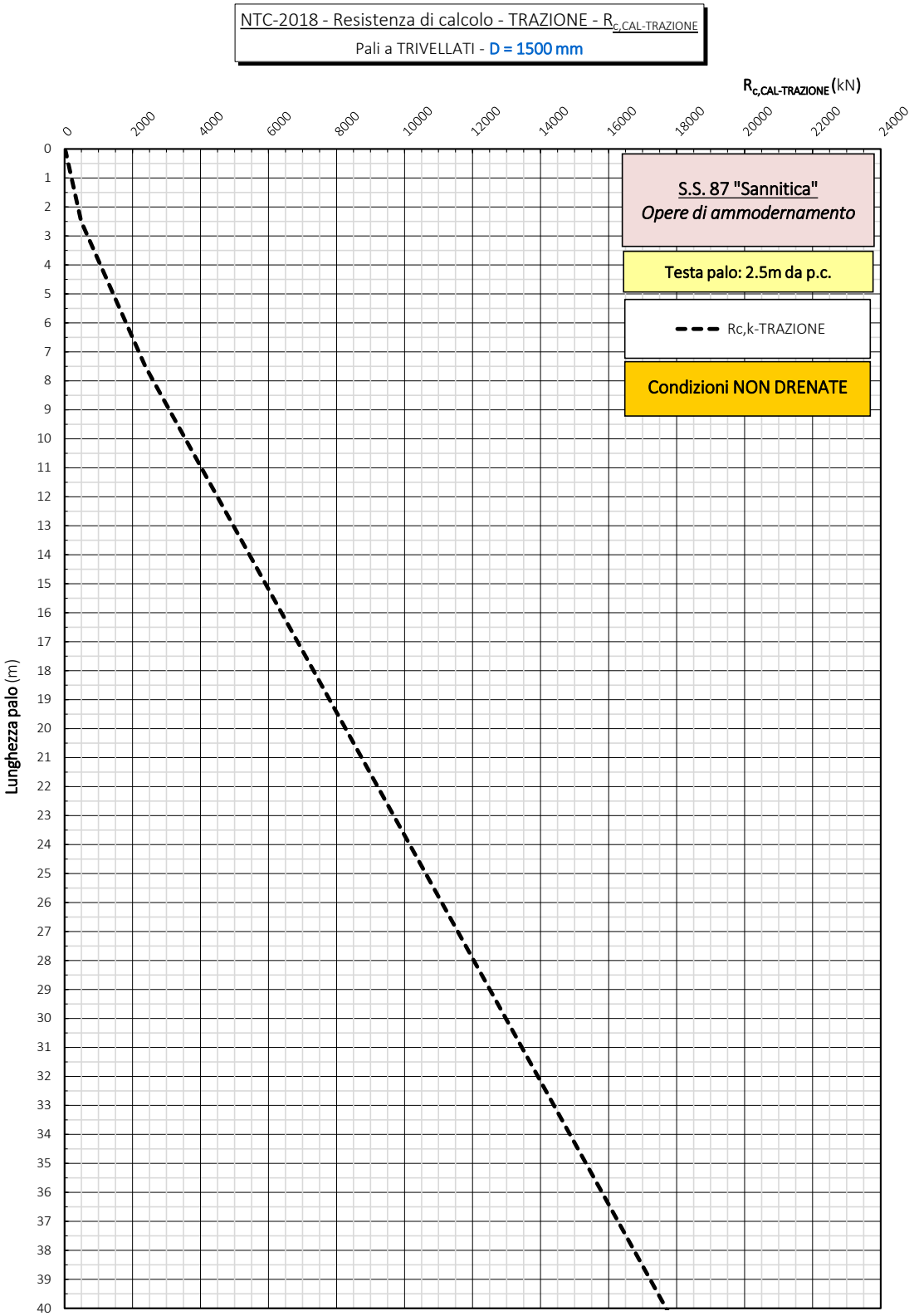


Figura 7.9 – Capacità portante di calcolo ($Rc_{,cal}$) – TRAZIONE – Caso non drenato

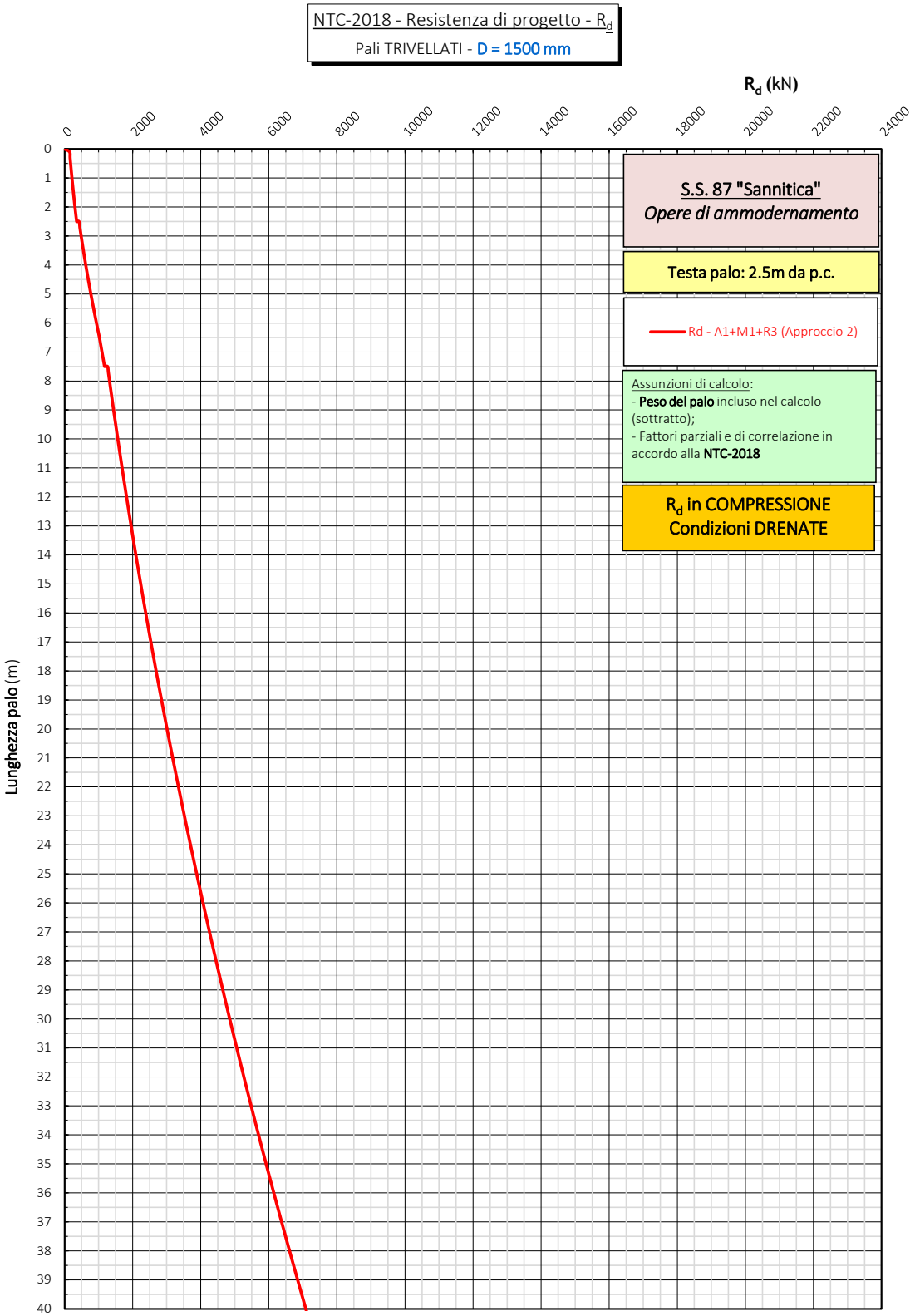


Figura 7.10 – Capacità portante di PROGETTO (R_d) – COMPRESSIONE – Caso drenato

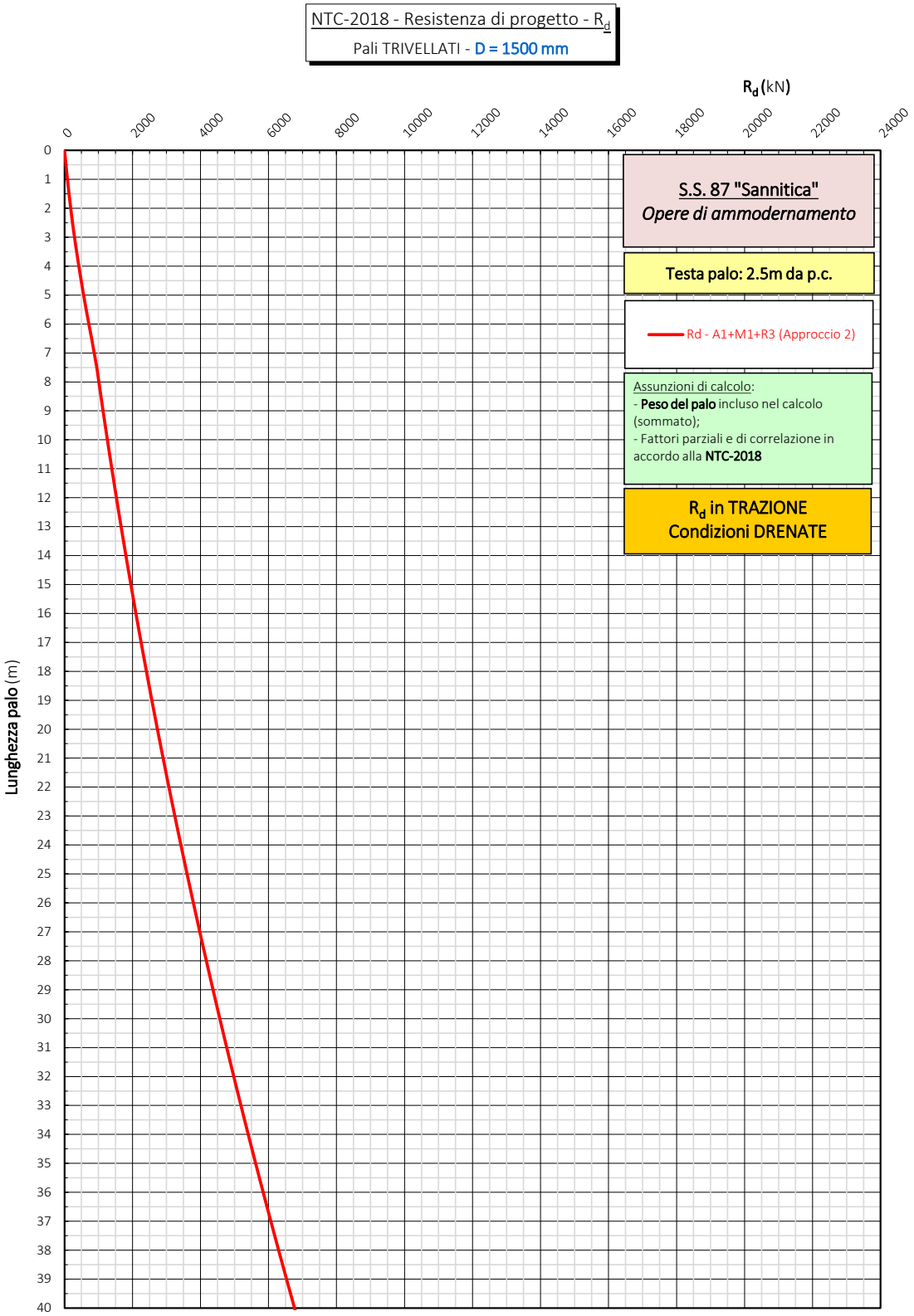


Figura 7.11 – Capacità portante di PROGETTO (R_{dl}) – TRAZIONE – Caso drenato

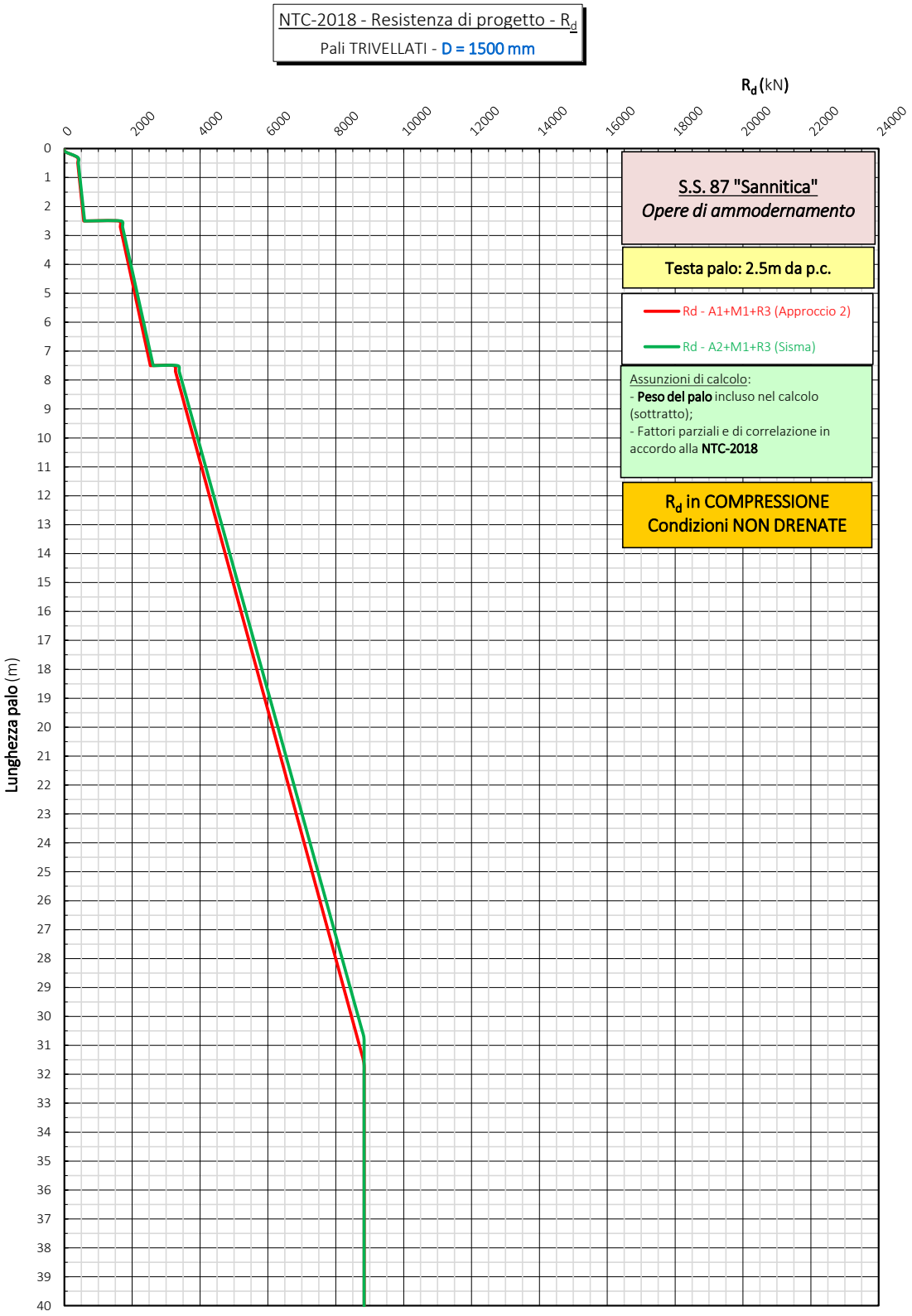


Figura 7.12 – Capacità portante di PROGETTO (R_d) – COMPRESSIONE – Caso non drenato

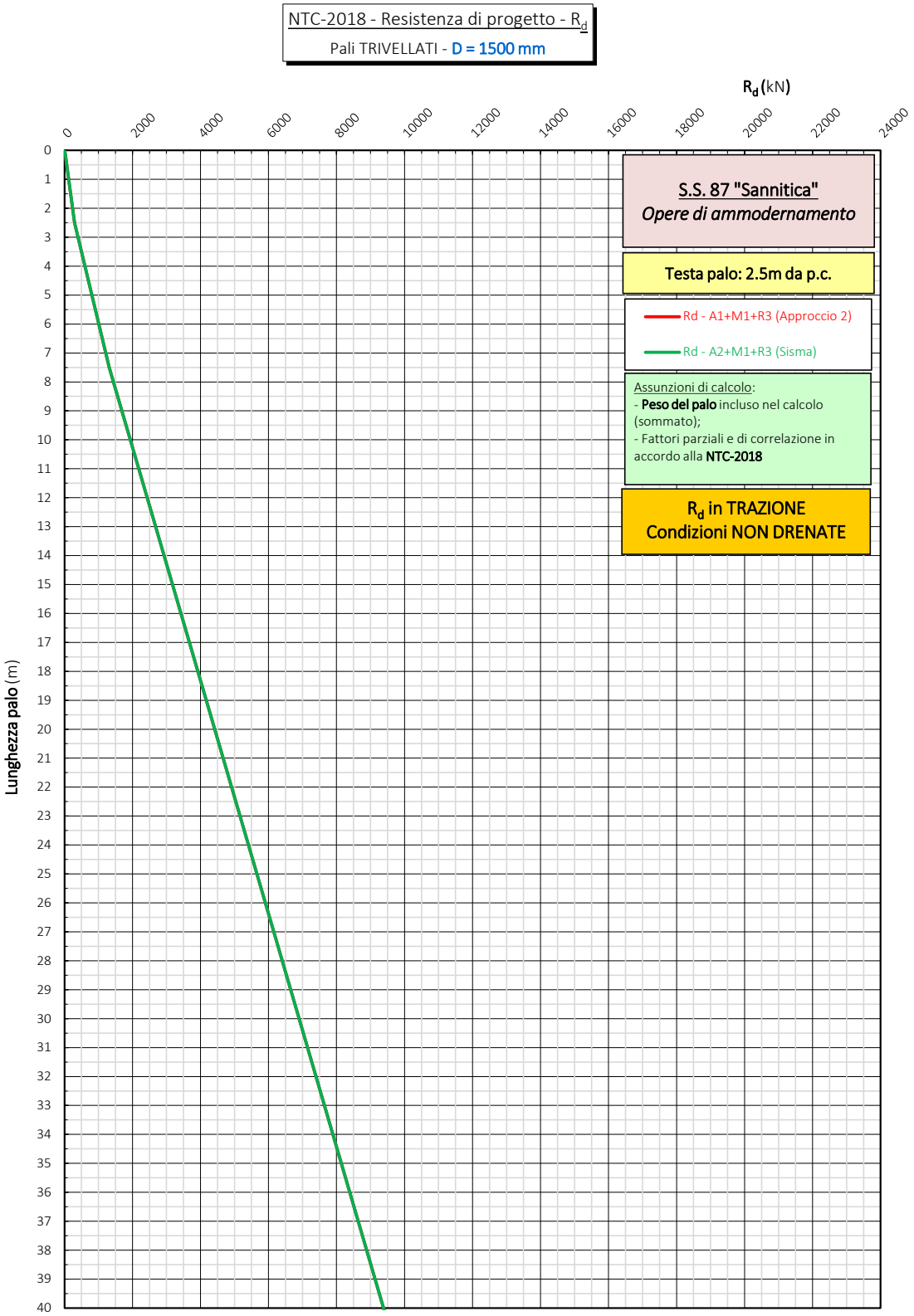


Figura 7.13 – Capacità portante di PROGETTO (R_d) – TRAZIONE – Caso non drenato

7.4 DIMENSIONAMENTO DEI PALI NEI CONFRONTI DEI CARICHI ORIZZONTALI

Il comportamento dei pali nei confronti dei carichi orizzontali è stato modellato in termini di curve p-y determinate a mezzo del software LPile (Rif. [16]), che tiene conto del fatto che la risposta del terreno (e quindi del palo) è in genere non lineare.

Ai fini di quanto previsto al §10.2 delle NTC-2018 ("*Giudizio motivato di accettabilità dei risultati*"), gli scriventi dichiarano di avere svolto verifiche di calcolo manuale con formulazioni teoriche, in condizioni schematiche, che hanno confermato la bontà e la correttezza del codice di calcolo utilizzato.

Il profilo geotecnico utilizzato nelle analisi è lo stesso di quello considerato nel calcolo delle capacità portante e riportato al paragrafo §Tabella 4.1.

Ai fini della corretta applicazione della normativa vigente (Rif. [1]) si sono "abbattute" le curve p-y di riferimento per tenere conto sia del coefficiente di correlazione legato al numero di verticali indagate (ξ_3, ξ_4, = 1.7 per n=1) che del coefficiente parziale di cui al Par. 6.4.3.1.2 del Rif. [1] (γ_T). Nella seguente tabella si riportano i fattori parziali utilizzati per determinare le curve carico-spostamento nelle condizioni di progetto.

	$\xi_3 = \xi_4$	γ_R
SLE	1.70	1.00
SLU	1.70	1.30
SLV	1.70	1.30

Tabella 7.8 – Riepilogo dei coefficienti parziali assunti nei calcoli in accordo al Rif.[1]

Inoltre, nelle verifiche del comportamento del palo singolo sottoposto a carichi orizzontali si è considerata l'interazione con i pali adiacenti essendo questi ultimi posti in pianta ad una distanza inferiore a circa 3D (D = diametro del palo). Le curve p-y sono state ridotte con un fattore di abbattimento (da applicare solamente alla resistenza "p" del terreno) che consente di tenere in conto dell'interazione con i pali adiacenti. Tale coefficiente di abbattimento considera:

- la effettiva geometria del gruppo di pali attraverso il parametro "s" definito dal rapporto tra interasse e diametro del palo;
- la direzione della forza orizzontale agente.

In accordo alla teoria riportata nel programma di calcolo di cui al Rif.[17], due casi principali sono stati considerati nel calcolo del coefficiente di abbattimento:

- caso in cui l'azione di taglio è diretta perpendicolarmente alla linea che congiunge l'asse dei pali. Il fattore di riduzione può essere ricavato dalla relazione presentata nella seguente figura:

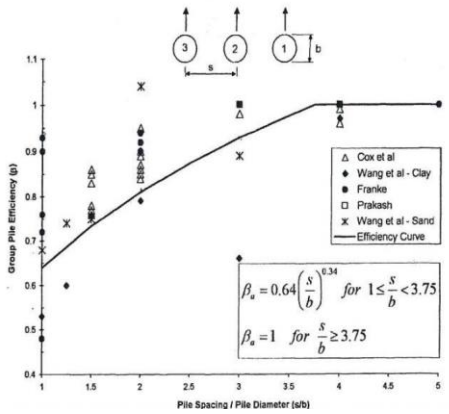


Figura 7.14 – Effetto gruppo – Caso 1

- Caso in cui l'azione di taglio è diretta parallelamente alla congiungente dei pali. In questo caso, tale parametro è definito dal minore dei due parametri ottenuti dalle seguenti figure.

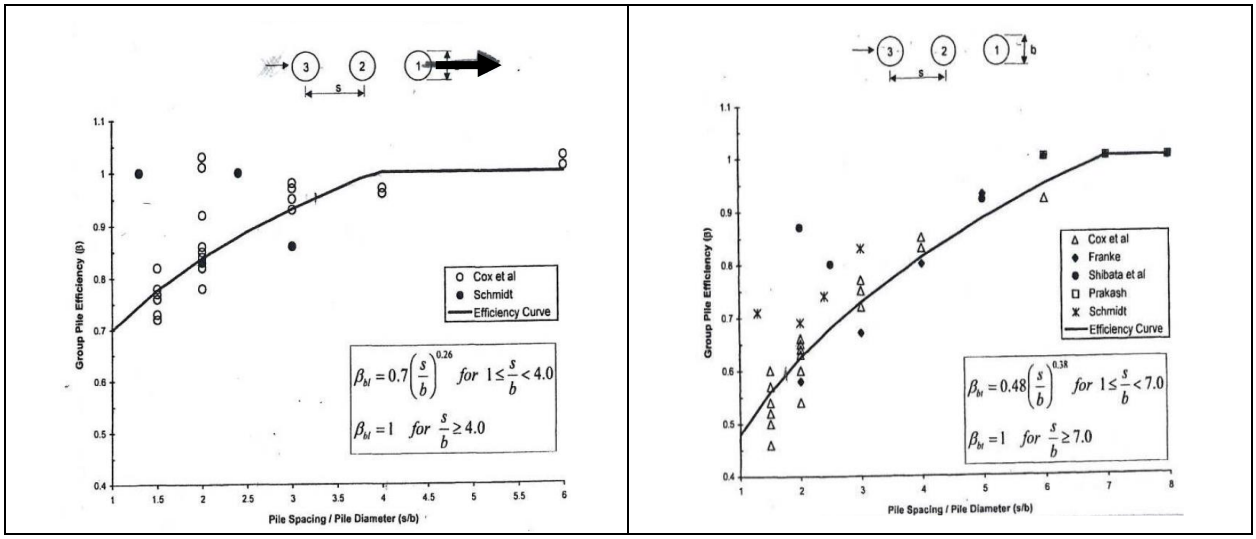


Figura 7.15 – Effetto gruppo – Caso 2

Per ciascuno degli stati limite considerati nel progetto (SLU, SLV e SLE) sono state valutate le massime azioni orizzontali agenti e le azioni assiali corrispondenti all'azione di taglio considerata. Esse rappresentano i dati di input nelle verifiche del palo nei confronti dei carichi orizzontali che fornisce la distribuzione delle azioni interne e spostamenti lungo il palo.

7.4.1 Risposta a carichi orizzontali delle spalle

Dalla planimetria dei pali di fondazione delle spalle riportata in Figura 7.16 si evince che la spalla è costituita da 12 pali posti ad una distanza di 3.90m, vincolati in testa dal plinto. Si precisa che, grazie sia alla disposizione planimetrica dei pali che grazie alla presenza del plinto, si è considerata una condizione di incastro nelle verifiche di seguito presentate.

In ragione del possibile effetto gruppo a cui i pali sono sottoposti, il coefficiente ottenuto mediante le relazioni presentate al paragrafo §7.4 è pari a 0.54. Si precisa che il coefficiente è stato calcolato in corrispondenza del palo posizionato nel punto più sfavorevole.

I risultati ottenuti in termini di distribuzione degli spostamenti, tagli e momenti flettenti lungo l'assedel palo sono riportati nelle seguenti figure:

- SLU (condizione drenata) Figura 7.17;
- SLE (condizione drenata) Figura 7.18.
- SLV (condizione non drenata) Figura 7.19.

In Tabella 7.9 è invece riportato un riepilogo delle massime azioni e spostamenti rappresentati nelle figure sopra richiamate. Si precisa che l'incremento ΔM mostrato in Tabella 7.9 è quello ottenuto dalle analisi presentate al §6.7 (Tabella 6.7) dovuto alla spinta che le edicole esercitano sulle spalle. Le sollecitazioni massime presentate in Tabella 7.9, sono state utilizzate per il dimensionamento strutturale dei pali di cui si rimanda al Rif.[9].

	no. pali	LUNGHEZZA PALO (m)	Combinazione	Riepilogo Sollecitazioni e Spostamenti Massimi					
				Spostamento MAX (mm)	Momento MAX (kNm)	ΔM (kNm)	Momento MAX TOT (kNm)	Taglio MAX (kN)	Azione Assiale MAX* (kN)
VIADOTTO 4	12	30	SLU	6.89	-2626.00	-461.00	-3087.00	697.00	4567.00
			RARA	4.80	-1851.00	0.00	-1851.00	500.00	3383.00
			FR	4.43	-1712.00	0.00	-1712.00	463.00	3176.00
			QP	3.33	-1290.00	0.00	-1290.00	350.00	2553.00
			ECC	4.64	-1791.00	0.00	-1791.00	484.00	3331.00
			SISMA	25.88	-8593.00	-271.00	-8864.00	1814.00	5483.00

Tabella 7.9 – SPALLE - Riepilogo Azioni e spostamenti massimi

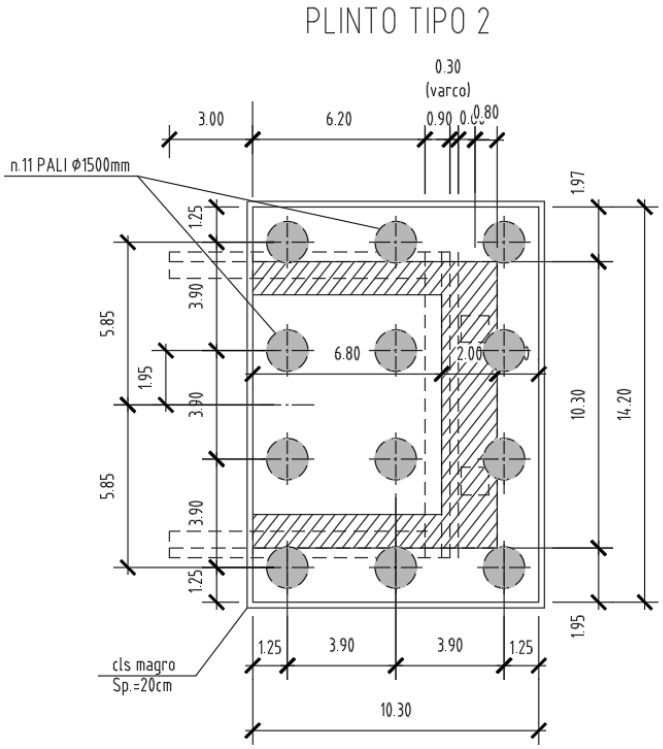


Figura 7.16 – Planimetria Plinto PILE

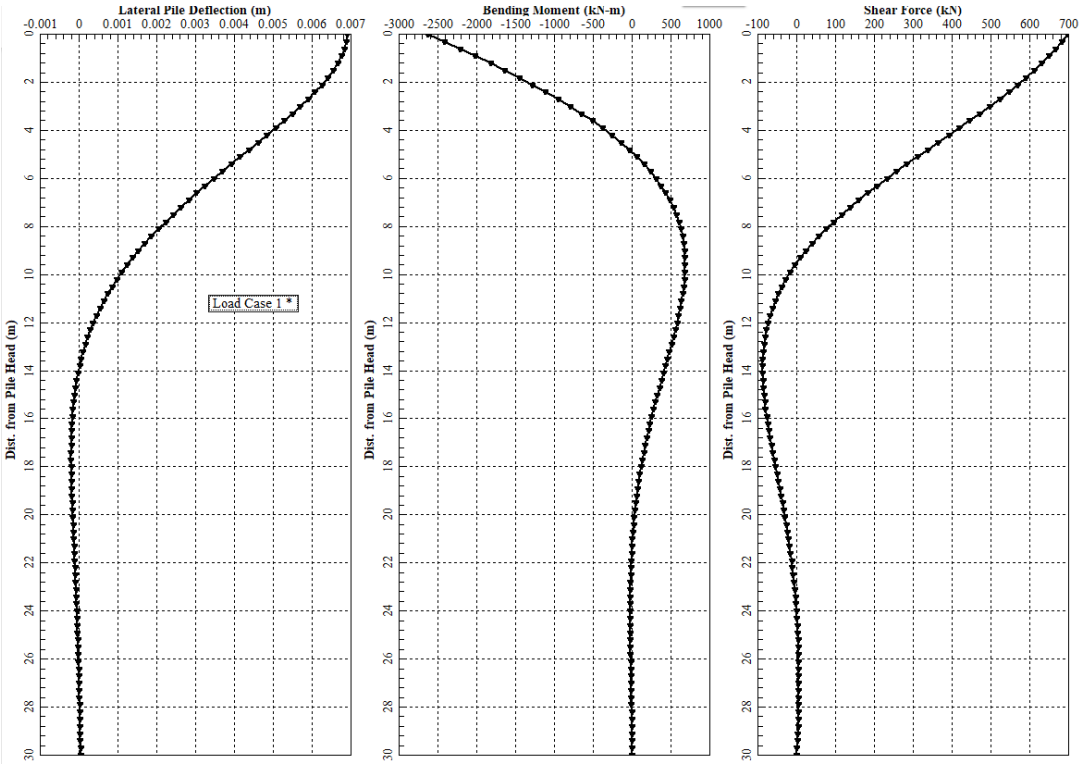


Figura 7.17 – Condizione SLU – Comportamento nei confronti dei carichi orizzontali – Andamento dello Spostamento, Taglio e Momento Flettente con la profondità

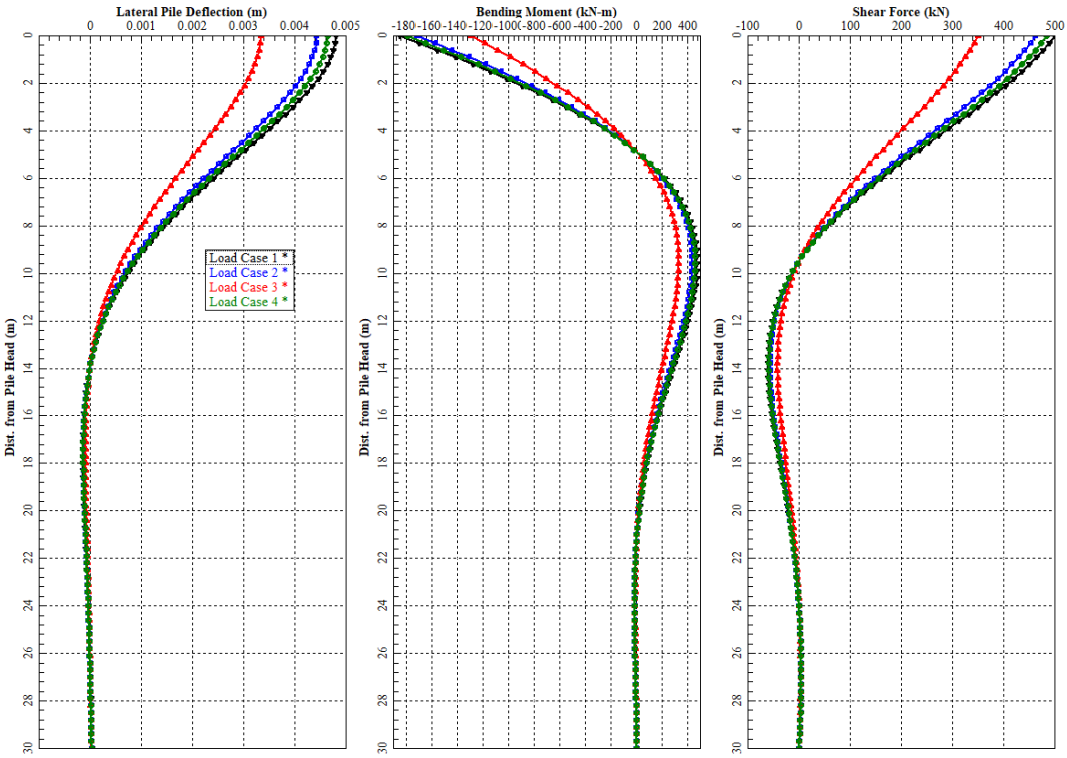


Figura 7.18 – Condizione SLE – Comportamento nei confronti dei carichi orizzontali – Andamento dello Spostamento, Taglio e Momento Flettente con la profondità

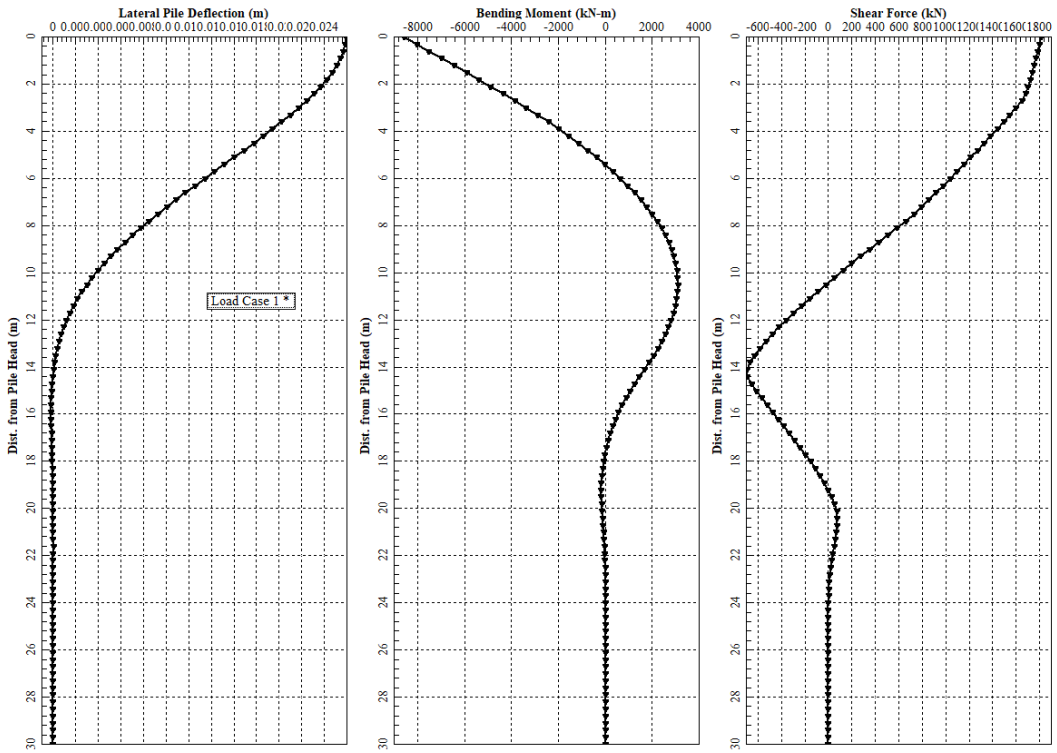


Figura 7.19 – Condizione SLV – Comportamento nei confronti dei carichi orizzontali – Andamento dello Spostamento, Taglio e Momento Flettente con la profondità

7.4.2 Risposta a carichi orizzontali delle pile

Dalla planimetria dei pali di fondazione delle spalle riportata in Figura 7.20 si evince che le pile sono costituite da 6 pali posti ad una distanza variabile tra 3.90m e 4.50m, vincolati in testa dal plinto. Per le ragioni descritte al paragrafo precedente, anche per i pali della pila si è considerata una condizione di vincolo di incastro nelle verifiche di seguito riportate.

In ragione del possibile effetto gruppo a cui i pali sono sottoposti, il coefficiente ottenuto mediante le relazioni presentate al paragrafo §7.4 è pari a 0.57. Si precisa che esso è stato calcolato in corrispondenza del palo posizionato nel punto più sfavorevole.

I risultati ottenuti in termini di distribuzione degli spostamenti, tagli e momenti flettenti lungo l'asse del palo sono riportati nelle seguenti figure:

- SLU (condizione drenata) Figura 7.21;
- SLE (condizione drenata) Figura 7.22.
- SLV (condizione non drenata) Figura 7.23.

In Tabella 7.10 è riportato un riepilogo delle massime azioni e spostamenti rappresentati nelle figure sopra richiamate. Si precisa che i risultati di seguito illustrati sono stati conseguiti con riferimento alla minima lunghezza del palo definito in Tabella 7.7. Si precisa che l'incremento ΔM mostrato in Tabella 7.9 è quello ottenuto dalle analisi presentate al §6.6 (Tabella 6.3) dovuto alla spinta che le edicole esercitano sulle pile. Le sollecitazioni massime presentate in Tabella 7.9, sono state utilizzate per il dimensionamento strutturale dei pali di cui si rimanda al Rif.[9].

		LUNGHEZZA PALO (m)	Combinazione	Riepilogo Sollecitazioni e Spostamenti Massimi					
				Spostamento MAX (mm)	Momento MAX (kNm)	ΔM (da edicole) (kNm)	Momento MAX TOT (kNm)	Taglio MAX (kN)	Azione Assiale MAX (kN)
VIADOTTO 4	PILA P1/P3	33	SLU	1.61	-639.93	-268.40	-908.33	176.00	5435.00
			RARA	1.11	-442.82	0.00	-442.82	122.00	3991.00
			FR	0.62	-246.70	0.00	-246.70	68.00	3743.00
			QP	0.38	-152.30	0.00	-152.30	42.00	3160.00
			SISMA	1.36	-1153.00	-282.40	-1435.40	394.00	4558.00
	PILA P2	35	SLU	1.93	-764.26	-268.40	-1032.66	210.00	5814.00
			RARA	1.28	-508.33	0.00	-508.33	140.00	4263.00
			FR	0.36	-141.49	0.00	-141.49	39.00	3880.00
			QP	0.00	0.00	0.00	0.00	0.00	3245.00
			SISMA	1.66	-1324.00	-282.40	-1606.40	438.00	5277.00

Tabella 7.10 – PILE - Riepilogo Azioni e spostamenti massimi

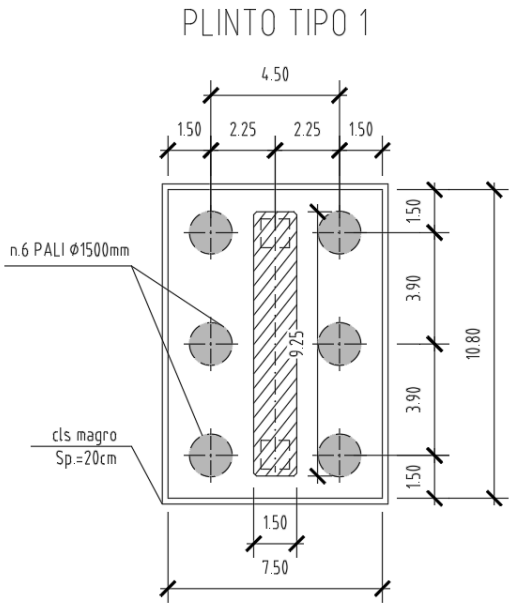


Figura 7.20 – Planimetria Plinto PILE

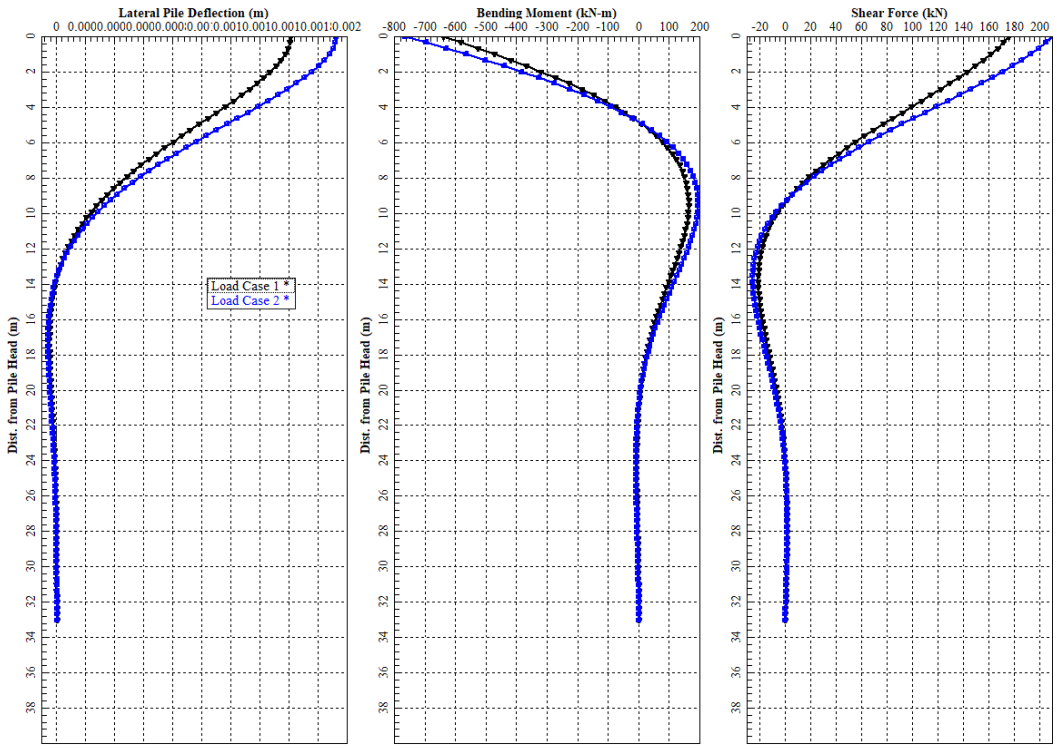


Figura 7.21 – Condizione SLU – Comportamento nei confronti dei carichi orizzontali – Andamento dello Spostamento, Taglio e Momento Flettente con la profondità

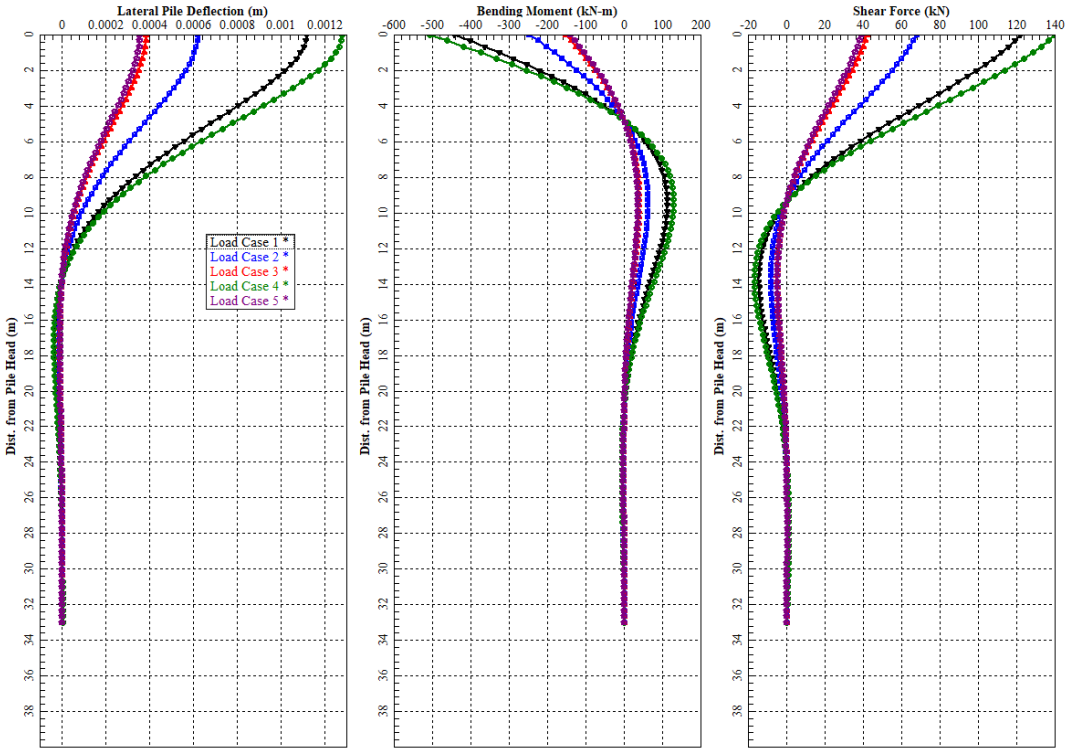


Figura 7.22 – Condizione SLE – Comportamento nei confronti dei carichi orizzontali – Andamento dello Spostamento, Taglio e Momento Flettente con la profondità

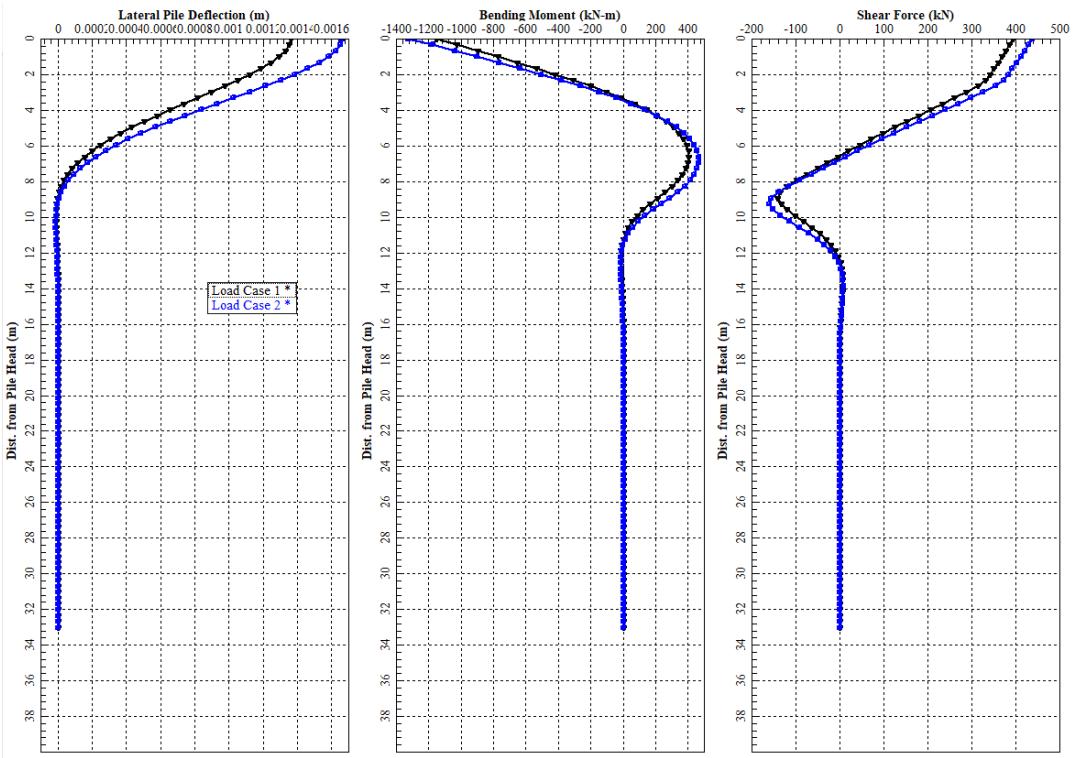


Figura 7.23 – Condizione SLV – Comportamento nei confronti dei carichi orizzontali – Andamento dello Spostamento, Taglio e Momento Flettente con la profondità

7.4.3 Considerazioni sul fattore di sicurezza

Si osserva che i risultati ottenuti mediante il software LPile e riportati in appendice raggiungono una condizione di convergenza per le azioni di carico riportate in Tabella 7.9 e Tabella 7.10.

Le verifiche geotecniche in condizione di stato limite ultimo (SLU) e di salvaguardia della vita (SLV) sono quindi soddisfatte, verificandosi la convergenza del programma di calcolo, indice di equilibrio tra i carichi applicati e resistenza del terreno.

Da un punto di vista geotecnico, una stima del fattore di sicurezza inteso come:

$$FS = R_d / E_d \geq 1$$

può essere ottenuta ricercando un valore del carico applicato per il quale il sistema perde di convergenza.

In Figura 7.24 e Figura 7.25 si riportano i risultati ottenuti applicando un'azione orizzontale in testa al palo doppia rispetto ai valori di progetto per le spalle del viadotto (che rappresentano la condizione maggiormente sollecitata):

$$T_{Ed} = 2 \cdot T_{SLU/SLV}$$

Le suddette figure mostrano come il sistema palo-terreno, pur con spostamenti maggiori rispetto alle reali condizioni di progetto, raggiunga ancora la convergenza.

Ne consegue quindi che il fattore di sicurezza risulta maggiore di 2:

$$FS > 2$$

e quindi ampliamente superiore ai minimi previsti dalla normativa (FS ≥ 1).

La verifica è stata eseguita solo con riferimento alle condizioni di carico maggiori, rappresentate dalle spalle; le altre verifiche (delle pile) risultano quindi implicitamente soddisfatte.

Da un punto di vista strutturale, i pali sono stati dimensionati per le azioni interne agenti ottenute dalle analisi riportate ai Par. 7.4.1 e 7.4.2. Le verifiche strutturali non sono oggetto della presente relazione.

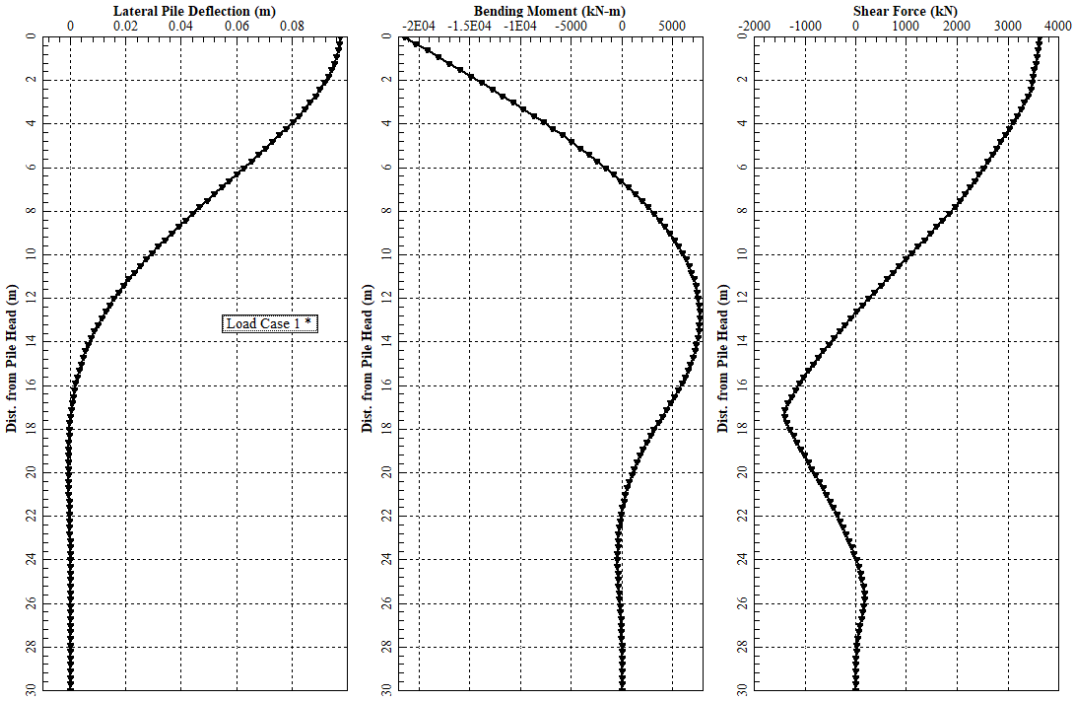


Figura 7.24 – Condizione SLV – Condizione di convergenza per carico applicato $T=2 \cdot T_{SLV}$

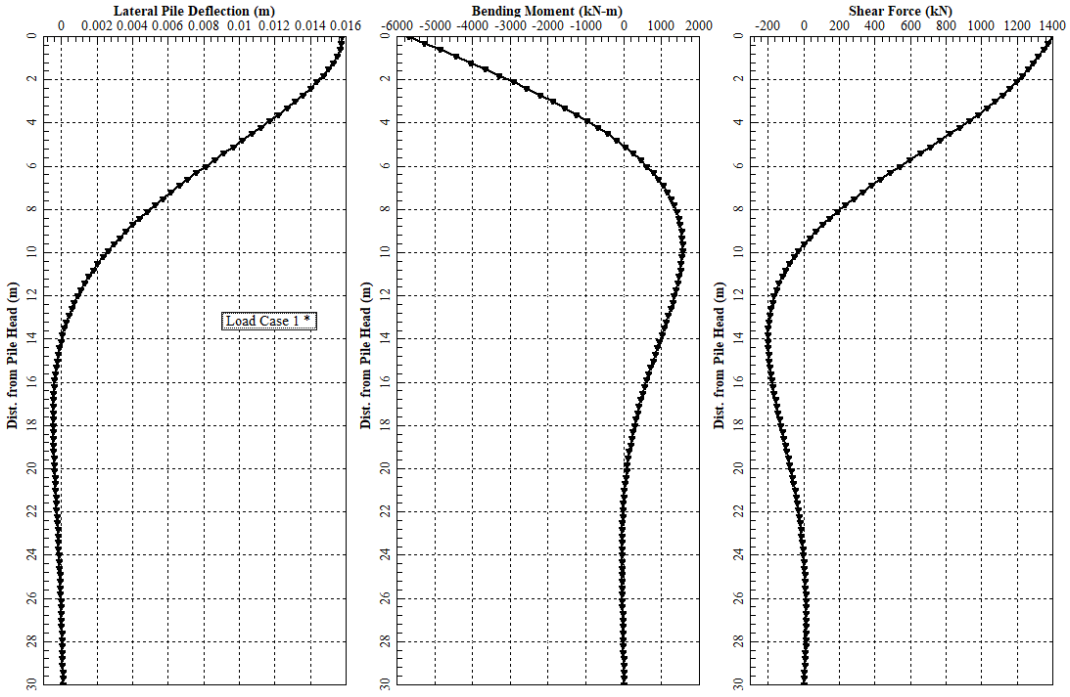


Figura 7.25 – Condizione SLU – Condizione di convergenza per carico applicato $T=2 \cdot T_{SLU}$

7.5 VALUTAZIONE DEI CEDIMENTI VERTICALI

In accordo a quanto richiamato al paragrafo §7.1.2, l'entità del cedimento in condizione di stato limite di esercizio è stato valutato mediante la curva carico – cedimento del palo attraverso il metodo delle curve di trasferimento t-z e q-z.

Il palo è schematizzato come un elemento cilindrico caratterizzato dalla sua geometria e da un modulo elastico del calcestruzzo (E_p), mentre il trasferimento degli sforzi dal palo al terreno avviene tramite molle puntuali caratterizzate da leggi non lineari che correlano la tensione tangenziale sviluppabile lungo il fusto ($t=f_s$, valutata come descritto al precedente Par. 7.3.1) o la portata di base ($q=q_b$, valutata come descritto al precedente Par. 7.3.1) con lo spostamento locale verso il basso "z" indotto dal carico.

Si precisa che si sono adottate, coerentemente alle prescrizioni delle NTC 2018 (Rif. [1]), resistenze "caratteristiche"; quindi, abbattute adottando il coefficiente di correlazione $\xi_3=\xi_4=1.7$; non si è invece applicato alcun coefficiente parziale γ_R, trattandosi di una valutazione relativa a stati limite di esercizio (SLE)

I risultati ottenuti sono riportati nel grafico di Figura 7.26. Si precisa che trattandosi di calcoli di cedimenti (SLE), si sono assunte le curve di capacità portante in condizione drenata. In relazione ai carichi SLE mostrati in Tabella 7.6 (carico massimo dell'ordine dei 4300kN), dalla Figura 7.26 si osserva un cedimento inferiore al centimetro.

Si precisa che le valutazioni di cui sopra sono state eseguite per il caso di palo isolato. La presenza dei numerosi livelli lapidei o semi-lapidei prudenzialmente non considerati nelle ipotesi di calcolo contribuirà a rendere il cedimento d'insieme della fondazione molto simile a quello del palo singolo, tenendo conto anche del fatto che le deformazioni verticali potranno manifestarsi, grazie alla presenza dei pali, in tempi relativamente brevi dall'applicazione del carico (e cioè già durante la costruzione).

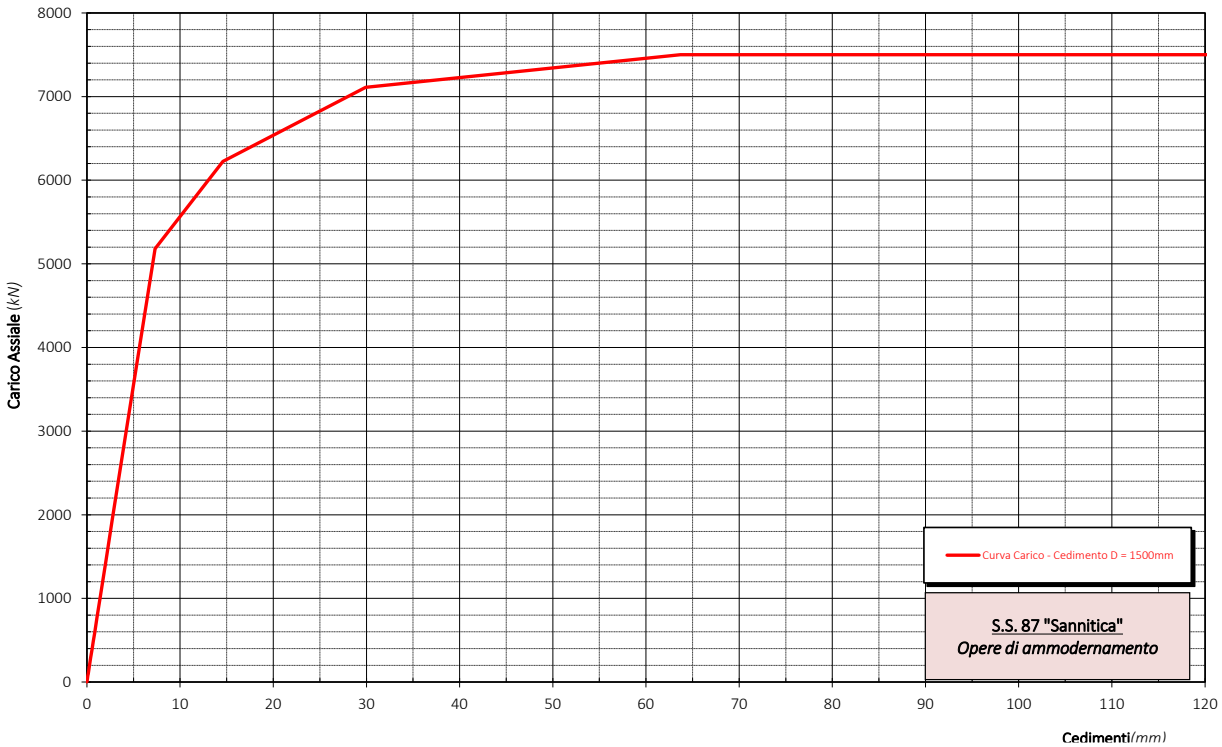


Figura 7.26 – Condizione SLE – Curve Carico – Cedimento rappresentative per i pali delle Pile e delle Spalle.

8 PROVE DI CARICO SU TIRANTI E PALI

Nel presente capitolo si descrivono le modalità di esecuzione delle prove di carico su tiranti e pali.

Esse andranno realizzate in osservanza a quanto riportato nelle NTC-2018 (Rif. [1]) in particolare facendo riferimento a:

- §6.6.4 delle NTC-2018 per quanto riguarda le prove di progetto e in corso d'opera sui tiranti;
- §6.4.3.7.2 delle NTC-2018 per quanto riguarda le prove in corso d'opera sui pali.

8.1 TIRANTI

Per le prove sui tiranti si farà riferimento, oltre che alle succitate NTC-2018, anche alle Raccomandazioni AICAP (2012, Rif. [4]).

8.1.1 Prove di progetto su ancoraggi preliminari

Le prove consistono nella predisposizione di tiranti preliminari di prova, realizzati nello stesso sito e con lo stesso sistema esecutivo di quelli dell'opera e pertanto non utilizzabili per l'impiego successivo. L'ubicazione dei tiranti di prova sarà comunque soggetta all'approvazione della Direzione Lavori, che potrà indicarne una alternativa, fermi restando i criteri di individuazione delle zone di prova.

Gli ancoraggi oggetto del presente paragrafo vengono definiti preliminari, in quanto finalizzati alla verifica del loro dimensionamento e alla determinazione della resistenza limite R_{ad}. Gli ancoraggi preliminari di prova devono essere in ogni caso realizzati dopo l'esecuzione di quelle operazioni (scavi, riporti, mutamenti nel regime idraulico del terreno) che possono influire sulla resistenza della fondazione dell'ancoraggio e nello stesso tipo in terreno in cui saranno ancorati i tiranti delle paratie.

Il numero di prove di progetto non deve essere inferiore a:

- 1 se il numero degli ancoraggi è inferiore a 30,
- 2 se il numero degli ancoraggi è compreso tra 31 e 50,
- 3 se il numero degli ancoraggi è compreso tra 51 e 100,
- 7 se il numero degli ancoraggi è compreso tra 101 e 200,
- 8 se il numero degli ancoraggi è compreso tra 201 e 500,
- 10 se il numero degli ancoraggi è superiore a 500.

Per le edicole del Viadotto 04 si prevedono 55 tiranti, di conseguenza andranno eseguiti no.3 tiranti preliminari.

8.1.2 Prove in corso d'opera sugli ancoraggi definitivi

Le prove di carico in corso d'opera devono essere effettuate su tutti gli ancoraggi per controllarne il comportamento sotto le azioni di progetto. La prova consiste nell'applicazione di un ciclo semplice di carico e scarico, durante il quale il tirante viene sottoposto ad una forza pari a 1,2 l'azione di progetto P_d utilizzata per le verifiche SLE, verificando che gli allungamenti misurati siano nei limiti previsti e/o compatibili con le misure sugli ancoraggi preliminari di prova.

8.2 PALI DI FONDAZIONE

Sui pali di fondazione, ad esclusione di quelli sollecitati prevalentemente da azioni orizzontali, devono essere eseguite prove di carico statiche per controllarne il comportamento sotto le azioni di progetto. Tali prove devono essere spinte ad un carico assiale pari a 1,5 volte l'azione di progetto utilizzata per le verifiche SLE. In presenza di pali strumentati per il rilievo separato delle curve di mobilitazione delle resistenze lungo la superficie e alla base, il massimo carico assiale di prova può essere limitato a 1,2 volte l'azione di progetto utilizzata per le verifiche SLE.

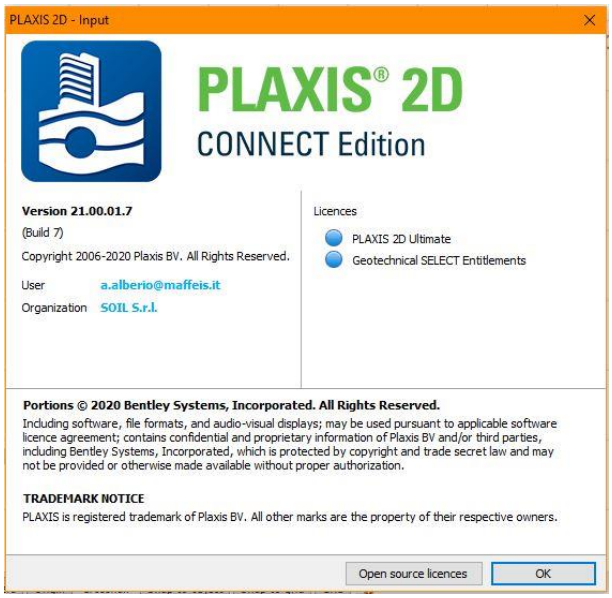
Il numero e l'ubicazione delle prove di carico devono essere stabiliti in base all'importanza dell'opera e al grado di omogeneità del terreno di fondazione. In ogni caso, per ciascun sistema di fondazione il numero complessivo di prove non deve essere inferiore a:

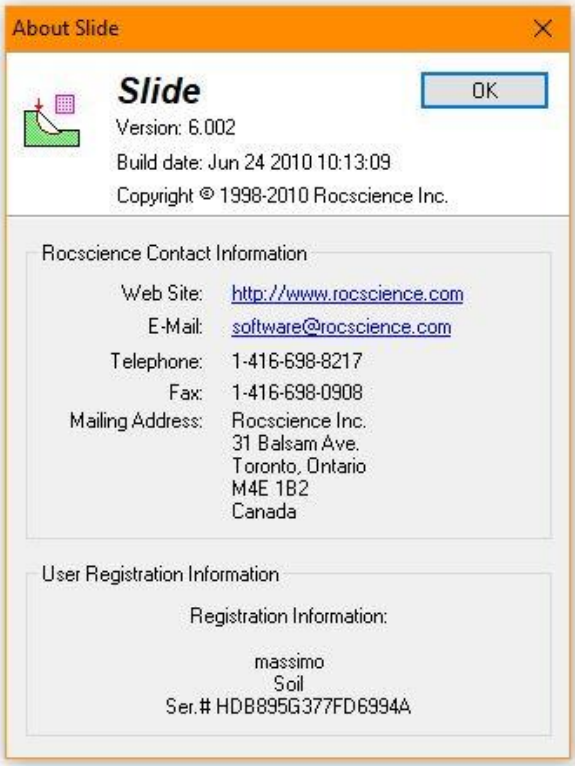
- 1 se il numero di pali è inferiore o uguale a 20,
- 2 se il numero di pali è compreso tra 21 e 50,
- 3 se il numero di pali è compreso tra 51 e 100,
- 4 se il numero di pali è compreso tra 101 e 200,
- 5 se il numero di pali è compreso tra 201 e 500,
- il numero intero più prossimo al valore 5 + n/500, se il numero n di pali è superiore a 500.

Per il Viadotto 04 si prevedono 42 pali, di conseguenza sono necessarie no.2 prove di carico.

9 ALLEGATI

9.1 LICENZE DEI SOFTWARE ADOTTATI





9.2 OUTPUT DI CALCOLO DI LPILE

9.2.1 Spalle – SLV

```
==============================================================================

                LPile for Windows, Version 2022-12.001

             Analysis of Individual Piles and Drilled Shafts
            Subjected to Lateral Loading Using the p-y Method
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------------------------------------------------------------------------------
                           Problem Title
------------------------------------------------------------------------------

Project Name: Commessa 32758 - SPALLA SLV
Job Number:
Client:
Engineer:
Description:



------------------------------------------------------------------------------
                       Program Options and Settings
------------------------------------------------------------------------------

Computational Options:
 - Conventional Analysis
Engineering Units Used for Data Input and Computations:
 - International System Units (kilonewtons, meters, millimeters)
```

Analysis Control Options:
- Maximum number of iterations allowed = 500
- Deflection tolerance for convergence = 2.5400E-07 m
- Maximum allowable deflection = 2.5400 m
- Number of pile increments = 100

Loading Type and Number of Cycles of Loading:
- Cyclic loading specified
- Number of cycles of loading = 15 cycles
- Analysis uses p-y modification factors for p-y curves
- Analysis uses layering correction (Method of Georgiadis)
- No distributed lateral loads are entered
- Loading by lateral soil movements acting on pile not selected
- Input of shear resistance at the pile tip not selected
- Input of moment resistance at the pile tip not selected
- Computation of pile-head foundation stiffness matrix not selected
- Push-over analysis of pile not selected
- Buckling analysis of pile not selected

Output Options:
- Output files use decimal points to denote decimal symbols.
- Values of pile-head deflection, bending moment, shear force, and soil reaction are printed for full length of pile.
- Printing Increment (nodal spacing of output points) = 1
- No p-y curves to be computed and reported for user-specified depths
- Print using wide report formats

Pile Structural Properties and Geometry

Number of pile sections defined = 1
Total length of pile = 30.000 m
Depth of ground surface below top of pile = -2.5000 m

Pile diameters used for p-y curve computations are defined using 2 points.

p-y curves are computed using pile diameter values interpolated with depth over the length of the pile. A summary of values of pile diameter vs. depth follows.

Point	Depth Below Pile Head meters	Pile Diameter millimeters
1	0.000	1500.00
2	30.000	1500.00

Input Structural Properties for Pile Sections:

Pile Section No. 1:

Section 1 is an elastic pile
Cross-sectional Shape = Circular Pile
Length of section = 30.000000 m
Width of top of section = 1.500000 m
Width of bottom of section = 1.500000 m
Top Area = 1.767146 sq. m
Bottom Area = 1.767146 sq. m
Moment of Inertia at Top = 0.248505 m^4
Moment of Inertia at Bottom = 0.248505 m^4
Elastic Modulus = 30000000. kPa

Soil and Rock Layering Information

The soil profile is modelled using 4 layers

Layer 1 is stiff clay without free water

Distance from top of pile to top of layer = -2.50000 m
Distance from top of pile to bottom of layer = 2.500000 m
Effective unit weight at top of layer = 19.000000 kN/m3
Effective unit weight at bottom of layer = 19.000000 kN/m3
Undrained cohesion at top of layer = 50.000000 kPa
Undrained cohesion at bottom of layer = 50.000000 kPa
Epsilon-50 at top of layer = 0.0000
Epsilon-50 at bottom of layer = 0.0000

NOTE: Default values for Epsilon-50 will be computed for this layer.

Layer 2 is stiff clay without free water

Distance from top of pile to top of layer = 2.500000 m
Distance from top of pile to bottom of layer = 6.500000 m
Effective unit weight at top of layer = 19.000000 kN/m3
Effective unit weight at bottom of layer = 19.000000 kN/m3
Undrained cohesion at top of layer = 200.000000 kPa
Undrained cohesion at bottom of layer = 200.000000 kPa
Epsilon-50 at top of layer = 0.0000
Epsilon-50 at bottom of layer = 0.0000

NOTE: Default values for Epsilon-50 will be computed for this layer.

Layer 3 is stiff clay without free water

Distance from top of pile to top of layer = 6.500000 m
Distance from top of pile to bottom of layer = 7.500000 m
Effective unit weight at top of layer = 9.000000 kN/m3
Effective unit weight at bottom of layer = 9.000000 kN/m3
Undrained cohesion at top of layer = 200.000000 kPa
Undrained cohesion at bottom of layer = 200.000000 kPa
Epsilon-50 at top of layer = 0.0000
Epsilon-50 at bottom of layer = 0.0000

NOTE: Default values for Epsilon-50 will be computed for this layer.

Layer 4 is stiff clay without free water

Distance from top of pile to top of layer = 7.500000 m
Distance from top of pile to bottom of layer = 37.500000 m
Effective unit weight at top of layer = 9.000000 kN/m3
Effective unit weight at bottom of layer = 9.000000 kN/m3
Undrained cohesion at top of layer = 300.000000 kPa
Undrained cohesion at bottom of layer = 300.000000 kPa
Epsilon-50 at top of layer = 0.0000
Epsilon-50 at bottom of layer = 0.0000

NOTE: Default values for Epsilon-50 will be computed for this layer.

(Depth of the lowest soil layer extends 7.500 m below the pile tip)

Summary of Input Soil Properties

Layer Num.	Soil Type Name (p-y Curve Type)	Layer Depth m	Effective Unit Wt. kN/m3	Cohesion kPa	E50 or krm
1	Stiff Clay w/o Free Water	-2.500	19.0000	50.0000	default
		2.5000	19.0000	50.0000	default
2	Stiff Clay w/o Free Water	2.5000	19.0000	200.0000	default
		6.5000	19.0000	200.0000	default
3	Stiff Clay w/o Free Water	6.5000	9.0000	200.0000	default
		7.5000	9.0000	200.0000	default
4	Stiff Clay w/o Free Water	7.5000	9.0000	300.0000	default
		37.5000	9.0000	300.0000	default

Modification Factors for p-y Curves

Distribution of p-y modifiers with depth defined using 2 points

Point No.	Depth X m	p-mult	y-mult
1	-2.500	0.2440	0.4520
2	37.500	0.2440	0.4520

Cyclic Loading Type

Cyclic loading criteria were used for computation of p-y curves for all analyses.

Number of cycles of loading = 15

Pile-head Loading and Pile-head Fixity Conditions

Number of loads specified = 1

Load No.	Load Type	Condition 1	Condition 2	Axial Thrust Force, kN	Compute Top y vs. Pile Length	Run Analysis
1	2	V = 1814. kN	S = 0.0000 m/m	5483.	No	Yes

V = shear force applied normal to pile axis
M = bending moment applied to pile head
y = lateral deflection normal to pile axis
S = pile slope relative to original pile batter angle
R = rotational stiffness applied to pile head
Values of top y vs. pile lengths can be computed only for load types with
specified shear loading (Load Types 1, 2, and 3).
Thrust force is assumed to be acting axially for all pile batter angles.

Computations of Nominal Moment Capacity and Nonlinear Bending Stiffness

---

Axial thrust force values were determined from pile-head loading conditions

Number of Pile Sections Analyzed = 1

Pile Section No. 1:

Moment-curvature properties were derived from elastic section properties

---
Layering Correction Equivalent Depths of Soil & Rock Layers

Layer No.	Top of Layer Below Pile Head meters	Equivalent Top Depth Below Grnd Surf meters	Same Layer Type As Layer Above	Layer is Rock or is Below Rock Layer	F0 Integral for Layer kN	F1 Integral for Layer kN
1	-2.500	0.00	N.A.	No	0.00	1802.
2	2.5000	1.7773	Yes	No	1802.	5536.
3	6.5000	5.7740	Yes	No	7339.	1703.
4	7.5000	5.0351	Yes	No	9041.	N.A.

Notes: The F0 integral of Layer n+1 equals the sum of the F0 and F1 integrals for Layer n. Layering correction equivalent depths are computed only for soil types with both shallow-depth and deep-depth expressions for peak lateral load transfer. These soil types are soft and stiff clays, non-liquefied sands, and cemented c-phi soil.

Computed Values of Pile Loading and Deflection
for Lateral Loading for Load Case Number 1

Pile-head conditions are Shear and Pile-head Rotation (Loading Type 2)

Shear force at pile head = 1814.0 kN
Rotation of pile head = 0.000E+00 radians
Axial load at pile head = 5483.0 kN

(Zero slope for this load indicates fixed-head conditions)

Depth X meters	Deflect. y meters	Bending Moment kN-m	Shear Force kN	Slope S radians	Total Stress kPa*	Bending Stiffness kN-m^2	Soil Res. p kN/m	Soil Spr. Es*H kN/m	Distrib. Lat. Load kN/m

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0.00	0.02588	-8593.	1814.	0.00	29038.	7455147.	-46.545	269.7293	0.00
0.3000	0.02583	-8051.	1800.	-3.35E-04	27401.	7455147.	-48.603	564.4419	0.00
0.6000	0.02568	-7512.	1785.	-6.48E-04	25775.	7455147.	-50.611	591.1732	0.00
0.9000	0.02544	-6978.	1769.	-9.40E-04	24162.	7455147.	-52.566	619.7937	0.00
1.2000	0.02512	-6448.	1753.	-0.00121	22562.	7455147.	-54.465	650.4633	0.00
1.5000	0.02472	-5922.	1737.	-0.00146	20975.	7455147.	-56.304	683.3621	0.00
1.8000	0.02424	-5401.	1720.	-0.00169	19403.	7455147.	-58.081	718.6926	0.00
2.1000	0.02371	-4885.	1702.	-0.00189	17845.	7455147.	-59.793	756.6825	0.00
2.4000	0.02311	-4373.	1684.	-0.00208	16302.	7455147.	-61.437	797.5870	0.00
2.7000	0.02246	-3868.	1650.	-0.00225	14775.	7455147.	-166.212	2220.	0.00
3.0000	0.02176	-3376.	1599.	-0.00239	13293.	7455147.	-170.415	2349.	0.00
3.3000	0.02102	-2900.	1547.	-0.00252	11856.	7455147.	-174.413	2489.	0.00
3.6000	0.02025	-2440.	1494.	-0.00262	10466.	7455147.	-178.198	2640.	0.00
3.9000	0.01945	-1995.	1440.	-0.00271	9124.	7455147.	-181.763	2804.	0.00
4.2000	0.01862	-1567.	1385.	-0.00279	7831.	7455147.	-185.099	2982.	0.00
4.5000	0.01778	-1155.	1329.	-0.00284	6587.	7455147.	-188.199	3176.	0.00
4.8000	0.01692	-759.543	1273.	-0.00288	5395.	7455147.	-191.055	3388.	0.00
5.1000	0.01605	-381.626	1215.	-0.00290	4255.	7455147.	-193.659	3620.	0.00
5.4000	0.01518	-21.112	1156.	-0.00291	3166.	7455147.	-196.005	3874.	0.00
5.7000	0.01430	321.7618	1097.	-0.00290	4074.	7455147.	-198.082	4155.	0.00
6.0000	0.01343	646.7872	1038.	-0.00288	5055.	7455147.	-199.884	4464.	0.00
6.3000	0.01257	953.7802	977.3548	-0.00285	5981.	7455147.	-201.402	4806.	0.00
6.6000	0.01172	1243.	916.7757	-0.00281	6853.	7455147.	-202.458	5181.	0.00
6.9000	0.01089	1513.	855.9529	-0.00275	7669.	7455147.	-203.028	5594.	0.00
7.2000	0.01007	1765.	795.0051	-0.00269	8430.	7455147.	-203.291	6056.	0.00
7.5000	0.00928	1999.	731.7734	-0.00261	9136.	7455147.	-218.254	7059.	0.00
7.8000	0.00850	2213.	660.1896	-0.00253	9781.	7455147.	-258.972	9135.	0.00
8.1000	0.00776	2403.	582.5346	-0.00243	10356.	7455147.	-258.728	10002.	0.00
8.4000	0.00704	2570.	505.0225	-0.00233	10860.	7455147.	-258.020	10988.	0.00
8.7000	0.00636	2714.	427.7940	-0.00223	11294.	7455147.	-256.836	12115.	0.00
9.0000	0.00571	2834.	350.9941	-0.00212	11657.	7455147.	-255.163	13410.	0.00
9.3000	0.00509	2932.	274.7719	-0.00200	11950.	7455147.	-252.985	14909.	0.00
9.6000	0.00451	3006.	199.2813	-0.00188	12175.	7455147.	-250.285	16654.	0.00
9.9000	0.00396	3057.	124.6821	-0.00176	12330.	7455147.	-247.043	18702.	0.00
10.2000	0.00345	3086.	51.1400	-0.00163	12418.	7455147.	-243.237	21127.	0.00
10.5000	0.00298	3093.	-21.172	-0.00151	12439.	7455147.	-238.841	24027.	0.00
10.8000	0.00255	3079.	-92.071	-0.00139	12394.	7455147.	-233.823	27531.	0.00
11.1000	0.00215	3043.	-161.366	-0.00126	12286.	7455147.	-228.143	31823.	0.00
11.4000	0.00179	2986.	-228.851	-0.00114	12115.	7455147.	-221.753	37159.	0.00
11.7000	0.00147	2909.	-294.302	-0.00102	11883.	7455147.	-214.589	43915.	0.00
12.0000	0.00118	2813.	-357.475	-9.08E-04	11592.	7455147.	-206.563	52664.	0.00
12.3000	9.21E-04	2698.	-418.092	-7.97E-04	11244.	7455147.	-197.552	64322.	0.00
12.6000	6.99E-04	2565.	-475.831	-6.91E-04	10843.	7455147.	-187.370	80456.	0.00
12.9000	5.07E-04	2414.	-530.293	-5.91E-04	10390.	7455147.	-175.714	103996.	0.00
13.2000	3.44E-04	2248.	-580.957	-4.97E-04	9888.	7455147.	-162.044	141209.	0.00
13.5000	2.09E-04	2068.	-627.048	-4.10E-04	9343.	7455147.	-145.232	208681.	0.00
13.8000	9.83E-05	1873.	-667.154	-3.31E-04	8757.	7455147.	-122.143	372895.	0.00
14.1000	1.04E-05	1668.	-695.375	-2.59E-04	8138.	7455147.	-65.992	1910428.	0.00
14.4000	-5.74E-05	1457.	-688.776	-1.97E-04	7500.	7455147.	109.9829	574825.	0.00

14.7000	-1.08E-04	1256.	-652.692	-1.42E-04	6892.	7455147.	130.5762	364154.	0.00
15.0000	-1.43E-04	1066.	-611.786	-9.53E-05	6320.	7455147.	142.1305	299042.	0.00
15.3000	-1.65E-04	888.9247	-568.049	-5.59E-05	5786.	7455147.	149.4501	272171.	0.00
15.6000	-1.76E-04	725.2979	-522.516	-2.35E-05	5292.	7455147.	154.1043	262461.	0.00
15.9000	-1.79E-04	575.4924	-475.877	2.72E-06	4840.	7455147.	156.8194	263114.	0.00
16.2000	-1.75E-04	439.7626	-428.655	2.31E-05	4430.	7455147.	157.9934	271600.	0.00
16.5000	-1.65E-04	318.2231	-381.276	3.84E-05	4063.	7455147.	157.8671	287177.	0.00
16.8000	-1.51E-04	210.8705	-334.107	4.90E-05	3739.	7455147.	156.5952	310138.	0.00
17.1000	-1.35E-04	117.5976	-287.476	5.57E-05	3458.	7455147.	154.2802	341603.	0.00
17.4000	-1.18E-04	38.2021	-241.685	5.88E-05	3218.	7455147.	150.9901	383595.	0.00
17.7000	-1.00E-04	-27.607	-197.021	5.90E-05	3186.	7455147.	146.7680	439341.	0.00
18.0000	-8.27E-05	-80.205	-153.761	5.68E-05	3345.	7455147.	141.6369	513885.	0.00
18.3000	-6.61E-05	-120.050	-112.175	5.28E-05	3465.	7455147.	135.6002	615235.	0.00
18.6000	-5.10E-05	-147.684	-72.734	4.74E-05	3548.	7455147.	127.3387	748970.	0.00
18.9000	-3.77E-05	-163.847	-35.926	4.11E-05	3597.	7455147.	118.0504	940070.	0.00
19.2000	-2.63E-05	-169.374	-2.029	3.44E-05	3614.	7455147.	107.9269	1230258.	0.00
19.5000	-1.70E-05	-165.178	28.6752	2.77E-05	3601.	7455147.	96.7694	1706881.	0.00
19.8000	-9.69E-06	-152.261	54.3933	2.13E-05	3562.	7455147.	74.6849	2311713.	0.00
20.1000	-4.21E-06	-132.612	70.4672	1.56E-05	3503.	7455147.	32.4744	2311713.	0.00
20.4000	-3.37E-07	-110.031	75.7284	1.07E-05	3435.	7455147.	2.6000	2311713.	0.00
20.7000	2.21E-06	-87.210	73.5625	6.74E-06	3366.	7455147.	-17.039	2311713.	0.00
21.0000	3.71E-06	-65.916	66.7220	3.66E-06	3302.	7455147.	-28.565	2311713.	0.00
21.3000	4.41E-06	-47.189	57.3434	1.38E-06	3245.	7455147.	-33.959	2311713.	0.00
21.6000	4.54E-06	-31.515	47.0050	-2.00E-07	3198.	7455147.	-34.964	2311713.	0.00
21.9000	4.29E-06	-18.985	36.8050	-1.22E-06	3160.	7455147.	-33.036	2311713.	0.00
22.2000	3.81E-06	-9.428	27.4481	-1.79E-06	3131.	7455147.	-29.343	2311713.	0.00
22.5000	3.21E-06	-2.510	19.3307	-2.03E-06	3110.	7455147.	-24.773	2311713.	0.00
22.8000	2.59E-06	2.1775	12.6194	-2.03E-06	3109.	7455147.	-19.969	2311713.	0.00
23.1000	1.99E-06	5.0679	7.3188	-1.89E-06	3118.	7455147.	-15.368	2311713.	0.00
23.4000	1.46E-06	6.5750	3.3279	-1.65E-06	3123.	7455147.	-11.238	2311713.	0.00
23.7000	1.00E-06	7.0701	0.4842	-1.38E-06	3124.	7455147.	-7.720	2311713.	0.00
24.0000	6.31E-07	6.8700	-1.403	-1.10E-06	3123.	7455147.	-4.860	2311713.	0.00
24.3000	3.42E-07	6.2320	-2.527	-8.36E-07	3122.	7455147.	-2.638	2311713.	0.00
24.6000	1.29E-07	5.3563	-3.073	-6.02E-07	3119.	7455147.	-0.997	2311713.	0.00
24.9000	-1.90E-08	4.3904	-3.200	-4.06E-07	3116.	7455147.	0.1468	2311713.	0.00
25.2000	-1.14E-07	3.4375	-3.046	-2.49E-07	3113.	7455147.	0.8817	2311713.	0.00
25.5000	-1.68E-07	2.5637	-2.719	-1.28E-07	3110.	7455147.	1.2969	2311713.	0.00
25.8000	-1.91E-07	1.8065	-2.304	-4.01E-08	3108.	7455147.	1.4736	2311713.	0.00
26.1000	-1.92E-07	1.1817	-1.860	2.00E-08	3106.	7455147.	1.4822	2311713.	0.00
26.4000	-1.79E-07	0.6903	-1.431	5.77E-08	3105.	7455147.	1.3809	2311713.	0.00
26.7000	-1.58E-07	0.3231	-1.041	7.81E-08	3104.	7455147.	1.2154	2311713.	0.00
27.0000	-1.32E-07	0.06527	-0.706	8.59E-08	3103.	7455147.	1.0198	2311713.	0.00
27.3000	-1.06E-07	-0.101	-0.430	8.52E-08	3103.	7455147.	0.8182	2311713.	0.00
27.6000	-8.12E-08	-0.193	-0.214	7.93E-08	3103.	7455147.	0.6259	2311713.	0.00
27.9000	-5.86E-08	-0.229	-0.05201	7.08E-08	3103.	7455147.	0.4517	2311713.	0.00
28.2000	-3.88E-08	-0.225	0.06054	6.16E-08	3103.	7455147.	0.2987	2311713.	0.00
28.5000	-2.16E-08	-0.193	0.1303	5.32E-08	3103.	7455147.	0.1666	2311713.	0.00
28.8000	-6.82E-09	-0.147	0.1632	4.64E-08	3103.	7455147.	0.05253	2311713.	0.00
29.1000	6.22E-09	-0.09534	0.1639	4.15E-08	3103.	7455147.	-0.04794	2311713.	0.00
29.4000	1.81E-08	-0.04839	0.1358	3.86E-08	3103.	7455147.	-0.140	2311713.	0.00

29.7000	2.94E-08	-0.01400	0.08086	3.74E-08	3103.	7455147.	-0.227	2311713.	0.00
30.0000	4.05E-08	0.00	0.00	3.71E-08	3103.	7455147.	-0.312	1155857.	0.00

* The above values of total stress are combined axial and bending stresses.

Output Summary for Load Case No. 1:

Pile-head deflection = 0.02588429 meters
Computed slope at pile head = 0.000000 radians
Maximum bending moment = -8593. kN-m
Maximum shear force = 1814. kN
Depth of maximum bending moment = 0.000000 meters below pile head
Depth of maximum shear force = 0.000000 meters below pile head
Number of iterations = 29
Number of zero deflection points = 4

Summary of Pile-head Responses for Conventional Analyses

Definitions of Pile-head Loading Conditions:

Load Type 1: Load 1 = Shear, V, kN, and Load 2 = Moment, M, kN-m
Load Type 2: Load 1 = Shear, V, kN, and Load 2 = Slope, S, radians
Load Type 3: Load 1 = Shear, V, kN, and Load 2 = Rot. Stiffness, R, kN-m/rad.
Load Type 4: Load 1 = Top Deflection, y, m, and Load 2 = Moment, M, kN-m
Load Type 5: Load 1 = Top Deflection, y, m, and Load 2 = Slope, S, radians

Load Case No.	Load Type 1	Pile-head Load 1	Load Type 2	Pile-head Load 2	Axial Loading kN	Pile-head Deflection meters	Pile-head Rotation radians	Max Shear in Pile kN	Max Moment in Pile kN-m
1	V, kN	1814.	S, rad	0.00	5483.	0.02588	0.00	1814.	-8593.

Maximum pile-head deflection = 0.0258842935 meters
Maximum pile-head rotation = 0.0000000000 radians = 0.000000 deg.

The analysis ended normally.

9.2.2 Spalle – SLU

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LPile for Windows, Version 2022-12.001

Analysis of Individual Piles and Drilled Shafts
Subjected to Lateral Loading Using the p-y Method

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Problem Title

Project Name: Commessa 32758 - SPALLA SLU
Job Number:
Client:
Engineer:
Description:

Program Options and Settings

Computational Options:
- Conventional Analysis

Engineering Units Used for Data Input and Computations:
- International System Units (kilonewtons, meters, millimeters)

Analysis Control Options:
- Maximum number of iterations allowed = 500
- Deflection tolerance for convergence = 2.5400E-07 m
- Maximum allowable deflection = 2.5400 m
- Number of pile increments = 100

Loading Type and Number of Cycles of Loading:
- Static loading specified

- Analysis uses p-y modification factors for p-y curves
- Analysis uses layering correction (Method of Georgiadis)
- No distributed lateral loads are entered
- Loading by lateral soil movements acting on pile not selected
- Input of shear resistance at the pile tip not selected
- Input of moment resistance at the pile tip not selected
- Computation of pile-head foundation stiffness matrix not selected
- Push-over analysis of pile not selected
- Buckling analysis of pile not selected

Output Options:
- Output files use decimal points to denote decimal symbols.
- Values of pile-head deflection, bending moment, shear force, and soil reaction are printed for full length of pile.
- Printing Increment (nodal spacing of output points) = 1
- No p-y curves to be computed and reported for user-specified depths
- Print using wide report formats

Pile Structural Properties and Geometry

Number of pile sections defined = 1
Total length of pile = 30.000 m
Depth of ground surface below top of pile = -2.5000 m

Pile diameters used for p-y curve computations are defined using 2 points.

p-y curves are computed using pile diameter values interpolated with depth over the length of the pile. A summary of values of pile diameter vs. depth follows.

Point	Depth Below Pile Head meters	Pile Diameter millimeters
1	0.000	1500.00
2	30.000	1500.00

Input Structural Properties for Pile Sections:

Pile Section No. 1:

Section 1 is an elastic pile
Cross-sectional Shape = Circular Pile

Length of section = 30.000000 m
Width of top of section = 1.500000 m
Width of bottom of section = 1.500000 m
Top Area = 1.767146 sq. m
Bottom Area = 1.767146 sq. m
Moment of Inertia at Top = 0.248505 m^4
Moment of Inertia at Bottom = 0.248505 m^4
Elastic Modulus = 30000000. kPa

Soil and Rock Layering Information

The soil profile is modelled using 4 layers

Layer 1 is sand, p-y criteria by API RP-2A, 1987

Distance from top of pile to top of layer = -2.50000 m
Distance from top of pile to bottom of layer = 2.500000 m
Effective unit weight at top of layer = 19.000000 kN/m3
Effective unit weight at bottom of layer = 19.000000 kN/m3
Friction angle at top of layer = 22.000000 deg.
Friction angle at bottom of layer = 22.000000 deg.
Subgrade k at top of layer = 5400. kN/m3
Subgrade k at bottom of layer = 5400. kN/m3

Layer 2 is sand, p-y criteria by API RP-2A, 1987

Distance from top of pile to top of layer = 2.500000 m
Distance from top of pile to bottom of layer = 6.500000 m
Effective unit weight at top of layer = 19.000000 kN/m3
Effective unit weight at bottom of layer = 19.000000 kN/m3
Friction angle at top of layer = 24.000000 deg.
Friction angle at bottom of layer = 24.000000 deg.
Subgrade k at top of layer = 5400. kN/m3
Subgrade k at bottom of layer = 5400. kN/m3

Layer 3 is sand, p-y criteria by API RP-2A, 1987

Distance from top of pile to top of layer = 6.500000 m
Distance from top of pile to bottom of layer = 7.500000 m
Effective unit weight at top of layer = 9.000000 kN/m3
Effective unit weight at bottom of layer = 9.000000 kN/m3
Friction angle at top of layer = 24.000000 deg.
Friction angle at bottom of layer = 24.000000 deg.
Subgrade k at top of layer = 5400. kN/m3

Subgrade k at bottom of layer = 5400. kN/m3

Layer 4 is sand, p-y criteria by API RP-2A, 1987

Distance from top of pile to top of layer = 7.500000 m
Distance from top of pile to bottom of layer = 37.500000 m
Effective unit weight at top of layer = 9.000000 kN/m3
Effective unit weight at bottom of layer = 9.000000 kN/m3
Friction angle at top of layer = 24.000000 deg.
Friction angle at bottom of layer = 24.000000 deg.
Subgrade k at top of layer = 5400. kN/m3
Subgrade k at bottom of layer = 5400. kN/m3

(Depth of the lowest soil layer extends 7.500 m below the pile tip)

Summary of Input Soil Properties

Layer Num.	Soil Type Name (p-y Curve Type)	Layer Depth m	Effective Unit Wt. kN/m3	Angle of Friction deg.	kpy kN/m3
1	API Sand	-2.500	19.0000	22.0000	5400.
		2.5000	19.0000	22.0000	5400.
2	API Sand	2.5000	19.0000	24.0000	5400.
		6.5000	19.0000	24.0000	5400.
3	API Sand	6.5000	9.0000	24.0000	5400.
		7.5000	9.0000	24.0000	5400.
4	API Sand	7.5000	9.0000	24.0000	5400.
		37.5000	9.0000	24.0000	5400.

Modification Factors for p-y Curves

Distribution of p-y modifiers with depth defined using 2 points

Point No.	Depth X m	p-mult	y-mult
1	-2.500	0.2440	0.4520
2	37.500	0.2440	0.4520

Static Loading Type

Static loading criteria were used when computing p-y curves for all analyses.

Pile-head Loading and Pile-head Fixity Conditions

Number of loads specified = 1

Load No.	Load Type	Condition 1	Condition 2	Axial Thrust Force, kN	Compute Top y vs. Pile Length	Run Analysis
1	2	V = 697.000000 kN	S = 0.0000 m/m	4567.	No	Yes

V = shear force applied normal to pile axis
M = bending moment applied to pile head
y = lateral deflection normal to pile axis
S = pile slope relative to original pile batter angle
R = rotational stiffness applied to pile head
Values of top y vs. pile lengths can be computed only for load types with
specified shear loading (Load Types 1, 2, and 3).
Thrust force is assumed to be acting axially for all pile batter angles.

Computations of Nominal Moment Capacity and Nonlinear Bending Stiffness
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Axial thrust force values were determined from pile-head loading conditions

Number of Pile Sections Analyzed = 1

Pile Section No. 1:

Moment-curvature properties were derived from elastic section properties

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Layering Correction Equivalent Depths of Soil & Rock Layers

Layer No.	Top of Layer Below Pile Head meters	Equivalent Top Depth Below Grnd Surf meters	Same Layer Type As Layer Above	Layer is Rock or is Below Rock Layer	F0 Integral for Layer kN	F1 Integral for Layer kN
1	-2.500	0.00	N.A.	No	0.00	1671.
2	2.5000	4.5981	Yes	No	1671.	4727.
3	6.5000	8.5978	Yes	No	6397.	1971.
4	7.5000	9.7777	Yes	No	8368.	N.A.

Notes: The F0 integral of Layer n+1 equals the sum of the F0 and F1 integrals for Layer n. Layering correction equivalent depths are computed only for soil types with both shallow-depth and deep-depth expressions for peak lateral load transfer. These soil types are soft and stiff clays, non-liquefied sands, and cemented c-phi soil.

Computed Values of Pile Loading and Deflection
for Lateral Loading for Load Case Number 1

Pile-head conditions are Shear and Pile-head Rotation (Loading Type 2)

Shear force at pile head = 697.0 kN
Rotation of pile head = 0.000E+00 radians
Axial load at pile head = 4567.0 kN

(Zero slope for this load indicates fixed-head conditions)

Depth X meters	Deflect. y meters	Bending Moment kN-m	Shear Force kN	Slope S radians	Total Stress kPa*	Bending Stiffness kN-m^2	Soil Res. p kN/m	Soil Spr. Es*H kN/m	Distrib. Lat. Load kN/m
0.00	0.00689	-2626.	697.0000	0.00	10511.	7455147.	-46.020	1001.	0.00
0.3000	0.00688	-2419.	682.4416	-1.02E-04	9886.	7455147.	-51.036	2226.	0.00
0.6000	0.00683	-2217.	666.4504	-1.95E-04	9274.	7455147.	-55.572	2440.	0.00
0.9000	0.00676	-2019.	649.1924	-2.80E-04	8677.	7455147.	-59.481	2639.	0.00
1.2000	0.00667	-1826.	630.8852	-3.57E-04	8096.	7455147.	-62.567	2816.	0.00
1.5000	0.00655	-1639.	611.7157	-4.27E-04	7532.	7455147.	-65.230	2989.	0.00
1.8000	0.00641	-1458.	591.4562	-4.89E-04	6985.	7455147.	-69.833	3269.	0.00
2.1000	0.00625	-1283.	569.8734	-5.45E-04	6457.	7455147.	-74.052	3553.	0.00
2.4000	0.00608	-1115.	547.0892	-5.93E-04	5949.	7455147.	-77.842	3840.	0.00
2.7000	0.00590	-953.219	523.1753	-6.34E-04	5461.	7455147.	-81.584	4150.	0.00
3.0000	0.00570	-799.042	498.2671	-6.70E-04	4996.	7455147.	-84.470	4445.	0.00
3.3000	0.00550	-652.423	472.5748	-6.99E-04	4553.	7455147.	-86.812	4739.	0.00
3.6000	0.00528	-513.582	446.2623	-7.22E-04	4134.	7455147.	-88.604	5032.	0.00

3.9000	0.00506	-382.687	419.4944	-7.40E-04	3739.	7455147.	-89.849	5325.	0.00
4.2000	0.00484	-259.857	392.4338	-7.53E-04	3369.	7455147.	-90.555	5615.	0.00
4.5000	0.00461	-145.162	365.2397	-7.61E-04	3022.	7455147.	-90.739	5904.	0.00
4.8000	0.00438	-38.626	338.0655	-7.65E-04	2701.	7455147.	-90.422	6192.	0.00
5.1000	0.00415	59.7738	311.0577	-7.65E-04	2765.	7455147.	-89.630	6477.	0.00
5.4000	0.00392	150.1039	284.3544	-7.61E-04	3037.	7455147.	-88.392	6761.	0.00
5.7000	0.00369	232.4704	258.0846	-7.53E-04	3286.	7455147.	-86.740	7043.	0.00
6.0000	0.00347	307.0175	232.3674	-7.42E-04	3511.	7455147.	-84.708	7322.	0.00
6.3000	0.00325	373.9239	207.3113	-7.28E-04	3713.	7455147.	-82.332	7600.	0.00
6.6000	0.00303	433.3999	183.0157	-7.12E-04	3892.	7455147.	-79.639	7876.	0.00
6.9000	0.00282	485.6844	159.5703	-6.94E-04	4050.	7455147.	-76.664	8148.	0.00
7.2000	0.00262	531.0424	137.0512	-6.73E-04	4187.	7455147.	-73.463	8420.	0.00
7.5000	0.00242	569.7595	115.5170	-6.51E-04	4304.	7455147.	-70.099	8694.	0.00
7.8000	0.00223	602.1362	95.0212	-6.27E-04	4402.	7455147.	-66.540	8964.	0.00
8.1000	0.00204	628.4912	75.6117	-6.03E-04	4481.	7455147.	-62.856	9233.	0.00
8.4000	0.00187	649.1545	57.3218	-5.77E-04	4544.	7455147.	-59.077	9501.	0.00
8.7000	0.00170	664.4650	40.1754	-5.50E-04	4590.	7455147.	-55.233	9769.	0.00
9.0000	0.00154	674.7680	24.1878	-5.23E-04	4621.	7455147.	-51.352	10036.	0.00
9.3000	0.00138	680.4122	9.3658	-4.96E-04	4638.	7455147.	-47.461	10302.	0.00
9.6000	0.00124	681.7473	-4.291	-4.69E-04	4642.	7455147.	-43.586	10568.	0.00
9.9000	0.00110	679.1220	-16.792	-4.41E-04	4634.	7455147.	-39.750	10833.	0.00
10.2000	9.73E-04	672.8818	-28.151	-4.14E-04	4615.	7455147.	-35.975	11098.	0.00
10.5000	8.52E-04	663.3667	-38.389	-3.87E-04	4586.	7455147.	-32.279	11362.	0.00
10.8000	7.40E-04	650.9100	-47.533	-3.61E-04	4549.	7455147.	-28.681	11626.	0.00
11.1000	6.36E-04	635.8362	-55.614	-3.35E-04	4503.	7455147.	-25.196	11890.	0.00
11.4000	5.39E-04	618.4596	-62.669	-3.10E-04	4451.	7455147.	-21.838	12153.	0.00
11.7000	4.50E-04	599.0835	-68.738	-2.85E-04	4392.	7455147.	-18.619	12416.	0.00
12.0000	3.68E-04	577.9986	-73.863	-2.62E-04	4329.	7455147.	-15.549	12679.	0.00
12.3000	2.93E-04	555.4825	-78.091	-2.39E-04	4261.	7455147.	-12.637	12942.	0.00
12.6000	2.25E-04	531.7984	-81.470	-2.17E-04	4189.	7455147.	-9.887	13205.	0.00
12.9000	1.63E-04	507.1952	-84.049	-1.96E-04	4115.	7455147.	-7.307	13467.	0.00
13.2000	1.07E-04	481.9063	-85.879	-1.76E-04	4039.	7455147.	-4.898	13730.	0.00
13.5000	5.71E-05	456.1501	-87.014	-1.57E-04	3961.	7455147.	-2.663	13992.	0.00
13.8000	1.27E-05	430.1290	-87.504	-1.39E-04	3883.	7455147.	-0.603	14255.	0.00
14.1000	-2.65E-05	404.0300	-87.401	-1.23E-04	3804.	7455147.	1.2843	14517.	0.00
14.4000	-6.09E-05	378.0243	-86.759	-1.07E-04	3725.	7455147.	2.9996	14779.	0.00
14.7000	-9.07E-05	352.2677	-85.627	-9.22E-05	3648.	7455147.	4.5462	15042.	0.00
15.0000	-1.16E-04	326.9008	-84.056	-7.85E-05	3571.	7455147.	5.9279	15304.	0.00
15.3000	-1.38E-04	302.0494	-82.094	-6.59E-05	3496.	7455147.	7.1495	15566.	0.00
15.6000	-1.56E-04	277.8249	-79.789	-5.42E-05	3423.	7455147.	8.2165	15828.	0.00
15.9000	-1.70E-04	254.3245	-77.186	-4.35E-05	3352.	7455147.	9.1349	16091.	0.00
16.2000	-1.82E-04	231.6322	-74.330	-3.37E-05	3283.	7455147.	9.9114	16353.	0.00
16.5000	-1.91E-04	209.8192	-71.260	-2.48E-05	3218.	7455147.	10.5533	16615.	0.00
16.8000	-1.97E-04	188.9444	-68.017	-1.68E-05	3155.	7455147.	11.0678	16878.	0.00
17.1000	-2.01E-04	169.0553	-64.637	-9.61E-06	3095.	7455147.	11.4629	17140.	0.00
17.4000	-2.02E-04	150.1885	-61.156	-3.19E-06	3038.	7455147.	11.7465	17402.	0.00
17.7000	-2.03E-04	132.3706	-57.605	2.50E-06	2984.	7455147.	11.9265	17665.	0.00
18.0000	-2.01E-04	115.6189	-54.014	7.49E-06	2933.	7455147.	12.0111	17927.	0.00
18.3000	-1.98E-04	99.9417	-50.411	1.18E-05	2886.	7455147.	12.0084	18189.	0.00
18.6000	-1.94E-04	85.3398	-46.821	1.56E-05	2842.	7455147.	11.9264	18452.	0.00

18.9000	-1.89E-04	71.8066	-43.266	1.87E-05	2801.	7455147.	11.7728	18714.	0.00
19.2000	-1.83E-04	59.3290	-39.767	2.14E-05	2763.	7455147.	11.5554	18976.	0.00
19.5000	-1.76E-04	47.8880	-36.341	2.35E-05	2729.	7455147.	11.2814	19239.	0.00
19.8000	-1.69E-04	37.4598	-33.005	2.52E-05	2697.	7455147.	10.9581	19501.	0.00
20.1000	-1.61E-04	28.0157	-29.773	2.65E-05	2669.	7455147.	10.5921	19764.	0.00
20.4000	-1.53E-04	19.5234	-26.655	2.75E-05	2643.	7455147.	10.1898	20026.	0.00
20.7000	-1.44E-04	11.9471	-23.663	2.81E-05	2620.	7455147.	9.7575	20288.	0.00
21.0000	-1.36E-04	5.2483	-20.805	2.85E-05	2600.	7455147.	9.3006	20551.	0.00
21.3000	-1.27E-04	-0.614	-18.086	2.86E-05	2586.	7455147.	8.8244	20813.	0.00
21.6000	-1.19E-04	-5.682	-15.512	2.84E-05	2602.	7455147.	8.3337	21076.	0.00
21.9000	-1.10E-04	-9.999	-13.087	2.81E-05	2615.	7455147.	7.8330	21338.	0.00
22.2000	-1.02E-04	-13.611	-10.813	2.77E-05	2625.	7455147.	7.3260	21600.	0.00
22.5000	-9.35E-05	-16.563	-8.692	2.70E-05	2634.	7455147.	6.8164	21863.	0.00
22.8000	-8.55E-05	-18.900	-6.723	2.63E-05	2641.	7455147.	6.3072	22125.	0.00
23.1000	-7.77E-05	-20.669	-4.907	2.55E-05	2647.	7455147.	5.8009	22387.	0.00
23.4000	-7.02E-05	-21.915	-3.242	2.47E-05	2651.	7455147.	5.2999	22650.	0.00
23.7000	-6.29E-05	-22.682	-1.726	2.38E-05	2653.	7455147.	4.8059	22912.	0.00
24.0000	-5.59E-05	-23.015	-0.357	2.29E-05	2654.	7455147.	4.3203	23175.	0.00
24.3000	-4.92E-05	-22.959	0.8674	2.19E-05	2654.	7455147.	3.8442	23437.	0.00
24.6000	-4.28E-05	-22.555	1.9508	2.10E-05	2652.	7455147.	3.3783	23699.	0.00
24.9000	-3.66E-05	-21.846	2.8959	2.01E-05	2650.	7455147.	2.9228	23962.	0.00
25.2000	-3.07E-05	-20.873	3.7060	1.93E-05	2647.	7455147.	2.4778	24224.	0.00
25.5000	-2.50E-05	-19.675	4.3842	1.85E-05	2644.	7455147.	2.0431	24486.	0.00
25.8000	-1.96E-05	-18.293	4.9333	1.77E-05	2640.	7455147.	1.6180	24749.	0.00
26.1000	-1.44E-05	-16.764	5.3563	1.70E-05	2635.	7455147.	1.2019	25011.	0.00
26.4000	-9.42E-06	-15.126	5.6557	1.63E-05	2630.	7455147.	0.7938	25273.	0.00
26.7000	-4.61E-06	-13.415	5.8336	1.58E-05	2625.	7455147.	0.3924	25536.	0.00
27.0000	3.93E-08	-11.669	5.8920	1.53E-05	2620.	7455147.	-0.00338	25798.	0.00
27.3000	4.55E-06	-9.922	5.8322	1.48E-05	2614.	7455147.	-0.395	26060.	0.00
27.6000	8.94E-06	-8.210	5.6553	1.45E-05	2609.	7455147.	-0.784	26323.	0.00
27.9000	1.32E-05	-6.568	5.3619	1.42E-05	2604.	7455147.	-1.172	26585.	0.00
28.2000	1.74E-05	-5.032	4.9519	1.39E-05	2600.	7455147.	-1.561	26848.	0.00
28.5000	2.16E-05	-3.635	4.4252	1.38E-05	2595.	7455147.	-1.951	27110.	0.00
28.8000	2.57E-05	-2.414	3.7809	1.36E-05	2592.	7455147.	-2.344	27372.	0.00
29.1000	2.98E-05	-1.404	3.0179	1.36E-05	2589.	7455147.	-2.742	27635.	0.00
29.4000	3.38E-05	-0.641	2.1346	1.35E-05	2586.	7455147.	-3.146	27897.	0.00
29.7000	3.79E-05	-0.160	1.1293	1.35E-05	2585.	7455147.	-3.556	28159.	0.00
30.0000	4.19E-05	0.00	0.00	1.35E-05	2584.	7455147.	-3.973	14211.	0.00

* The above values of total stress are combined axial and bending stresses.

Output Summary for Load Case No. 1:

Pile-head deflection = 0.00689408 meters
Computed slope at pile head = 0.000000 radians
Maximum bending moment = -2626. kN-m
Maximum shear force = 697.00000000 kN
Depth of maximum bending moment = 0.000000 meters below pile head
Depth of maximum shear force = 0.000000 meters below pile head

Number of iterations = 6
Number of zero deflection points = 2

Summary of Pile-head Responses for Conventional Analyses

Definitions of Pile-head Loading Conditions:

Load Type 1: Load 1 = Shear, V, kN, and Load 2 = Moment, M, kN-m
Load Type 2: Load 1 = Shear, V, kN, and Load 2 = Slope, S, radians
Load Type 3: Load 1 = Shear, V, kN, and Load 2 = Rot. Stiffness, R, kN-m/rad.
Load Type 4: Load 1 = Top Deflection, y, m, and Load 2 = Moment, M, kN-m
Load Type 5: Load 1 = Top Deflection, y, m, and Load 2 = Slope, S, radians

Load Case No.	Load Type 1	Pile-head Load 1	Load Type 2	Pile-head Load 2	Axial Loading kN	Pile-head Deflection meters	Pile-head Rotation radians	Max Shear in Pile kN	Max Moment in Pile kN-m
1	V, kN	697.0000	S, rad	0.00	4567.	0.00689	0.00	697.0000	-2626.

Maximum pile-head deflection = 0.0068940838 meters
Maximum pile-head rotation = -0.0000000000 radians = -0.000000 deg.

The analysis ended normally.

9.2.3 Spalle – SLE

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LPile for Windows, Version 2022-12.001

Analysis of Individual Piles and Drilled Shafts
Subjected to Lateral Loading Using the p-y Method
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Problem Title

Project Name: Commessa 32758 - SPALLA SLU
Job Number:
Client:
Engineer:
Description:

Program Options and Settings

Computational Options:
- Conventional Analysis

Engineering Units Used for Data Input and Computations:
- International System Units (kilonewtons, meters, millimeters)

Analysis Control Options:
- Maximum number of iterations allowed = 500
- Deflection tolerance for convergence = 2.5400E-07 m
- Maximum allowable deflection = 2.5400 m
- Number of pile increments = 100

Loading Type and Number of Cycles of Loading:
- Static loading specified

- Analysis uses p-y modification factors for p-y curves
- Analysis uses layering correction (Method of Georgiadis)
- No distributed lateral loads are entered
- Loading by lateral soil movements acting on pile not selected
- Input of shear resistance at the pile tip not selected
- Input of moment resistance at the pile tip not selected
- Computation of pile-head foundation stiffness matrix not selected
- Push-over analysis of pile not selected
- Buckling analysis of pile not selected

Output Options:
- Output files use decimal points to denote decimal symbols.
- Values of pile-head deflection, bending moment, shear force, and

soil reaction are printed for full length of pile.
- Printing Increment (nodal spacing of output points) = 1
- No p-y curves to be computed and reported for user-specified depths
- Print using wide report formats

Pile Structural Properties and Geometry

Number of pile sections defined = 1
Total length of pile = 30.000 m
Depth of ground surface below top of pile = -2.5000 m

Pile diameters used for p-y curve computations are defined using 2 points.

p-y curves are computed using pile diameter values interpolated with depth over the length of the pile. A summary of values of pile diameter vs. depth follows.

Point	Depth Below Pile Head meters	Pile Diameter millimeters
1	0.000	1500.00
2	30.000	1500.00

Input Structural Properties for Pile Sections:

Pile Section No. 1:

Section 1 is an elastic pile
Cross-sectional Shape = Circular Pile
Length of section = 30.000000 m
Width of top of section = 1.500000 m
Width of bottom of section = 1.500000 m
Top Area = 1.767146 sq. m
Bottom Area = 1.767146 sq. m
Moment of Inertia at Top = 0.248505 m^4
Moment of Inertia at Bottom = 0.248505 m^4
Elastic Modulus = 30000000. kPa

Soil and Rock Layering Information

The soil profile is modelled using 4 layers

Layer 1 is sand, p-y criteria by API RP-2A, 1987

Distance from top of pile to top of layer = -2.50000 m
Distance from top of pile to bottom of layer = 2.500000 m
Effective unit weight at top of layer = 19.000000 kN/m3
Effective unit weight at bottom of layer = 19.000000 kN/m3
Friction angle at top of layer = 22.000000 deg.
Friction angle at bottom of layer = 22.000000 deg.
Subgrade k at top of layer = 5400. kN/m3
Subgrade k at bottom of layer = 5400. kN/m3

Layer 2 is sand, p-y criteria by API RP-2A, 1987

Distance from top of pile to top of layer = 2.500000 m
Distance from top of pile to bottom of layer = 6.500000 m
Effective unit weight at top of layer = 19.000000 kN/m3
Effective unit weight at bottom of layer = 19.000000 kN/m3
Friction angle at top of layer = 24.000000 deg.
Friction angle at bottom of layer = 24.000000 deg.
Subgrade k at top of layer = 5400. kN/m3
Subgrade k at bottom of layer = 5400. kN/m3

Layer 3 is sand, p-y criteria by API RP-2A, 1987

Distance from top of pile to top of layer = 6.500000 m
Distance from top of pile to bottom of layer = 7.500000 m
Effective unit weight at top of layer = 9.000000 kN/m3
Effective unit weight at bottom of layer = 9.000000 kN/m3
Friction angle at top of layer = 24.000000 deg.
Friction angle at bottom of layer = 24.000000 deg.
Subgrade k at top of layer = 5400. kN/m3
Subgrade k at bottom of layer = 5400. kN/m3

Layer 4 is sand, p-y criteria by API RP-2A, 1987

Distance from top of pile to top of layer = 7.500000 m
Distance from top of pile to bottom of layer = 37.500000 m
Effective unit weight at top of layer = 9.000000 kN/m3
Effective unit weight at bottom of layer = 9.000000 kN/m3
Friction angle at top of layer = 24.000000 deg.
Friction angle at bottom of layer = 24.000000 deg.
Subgrade k at top of layer = 5400. kN/m3
Subgrade k at bottom of layer = 5400. kN/m3

(Depth of the lowest soil layer extends 7.500 m below the pile tip)

Summary of Input Soil Properties

Layer Num.	Soil Type Name (p-y Curve Type)	Layer Depth m	Effective Unit Wt. kN/m3	Angle of Friction deg.	kpy kN/m3
1	API Sand	-2.500	19.0000	22.0000	5400.
		2.5000	19.0000	22.0000	5400.
2	API Sand	2.5000	19.0000	24.0000	5400.
		6.5000	19.0000	24.0000	5400.
3	API Sand	6.5000	9.0000	24.0000	5400.
		7.5000	9.0000	24.0000	5400.
4	API Sand	7.5000	9.0000	24.0000	5400.
		37.5000	9.0000	24.0000	5400.

Modification Factors for p-y Curves

Distribution of p-y modifiers with depth defined using 2 points

Point No.	Depth X m	p-mult	y-mult
1	-2.500	0.3170	0.5880
2	37.500	0.3170	0.5880

Static Loading Type

Static loading criteria were used when computing p-y curves for all analyses.

Pile-head Loading and Pile-head Fixity Conditions

Number of loads specified = 4

Load No.	Load Type	Condition 1	Condition 2	Axial Thrust Force, kN	Compute Top y vs. Pile Length	Run Analysis
1	2	V = 500.000000 kN	S = 0.0000 m/m	3383.	No	Yes
2	2	V = 463.000000 kN	S = 0.0000 m/m	3176.	No	Yes
3	2	V = 350.000000 kN	S = 0.0000 m/m	2553.	No	Yes
4	2	V = 484.000000 kN	S = 0.0000 m/m	3331.	No	Yes

V = shear force applied normal to pile axis
M = bending moment applied to pile head
y = lateral deflection normal to pile axis
S = pile slope relative to original pile batter angle
R = rotational stiffness applied to pile head
Values of top y vs. pile lengths can be computed only for load types with
specified shear loading (Load Types 1, 2, and 3).
Thrust force is assumed to be acting axially for all pile batter angles.

Computations of Nominal Moment Capacity and Nonlinear Bending Stiffness
---

Axial thrust force values were determined from pile-head loading conditions

Number of Pile Sections Analyzed = 1

Pile Section No. 1:

Moment-curvature properties were derived from elastic section properties

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Layering Correction Equivalent Depths of Soil & Rock Layers

Layer No.	Top of Layer Below Pile Head meters	Equivalent Top Depth Below Grnd Surf meters	Same Layer Type As Layer Above	Layer is Rock or is Below Rock Layer	F0 Integral for Layer kN	F1 Integral for Layer kN
1	-2.500	0.00	N.A.	No	0.00	1671.
2	2.5000	4.5981	Yes	No	1671.	4727.
3	6.5000	8.5978	Yes	No	6397.	1971.
4	7.5000	9.7777	Yes	No	8368.	N.A.

Notes: The F0 integral of Layer n+1 equals the sum of the F0 and F1 integrals for Layer n. Layering correction equivalent depths are computed only for soil types with both shallow-depth and deep-depth expressions for peak lateral load transfer. These soil types are soft and stiff clays, non-liquefied sands, and cemented c-phi soil.

Computed Values of Pile Loading and Deflection
for Lateral Loading for Load Case Number 1

Pile-head conditions are Shear and Pile-head Rotation (Loading Type 2)

Shear force at pile head = 500.0 kN
Rotation of pile head = 0.000E+00 radians
Axial load at pile head = 3383.0 kN

(Zero slope for this load indicates fixed-head conditions)

Depth X meters	Deflect. y meters	Bending Moment kN-m	Shear Force kN	Slope S radians	Total Stress kPa*	Bending Stiffness kN-m^2	Soil Res. p kN/m	Soil Spr. Es*H kN/m	Distrib. Lat. Load kN/m
0.00	0.00480	-1851.	500.0000	0.00	7500.	7455147.	-34.008	1063.	0.00
0.3000	0.00479	-1702.	489.2121	-7.15E-05	7052.	7455147.	-37.911	2376.	0.00
0.6000	0.00475	-1557.	477.2911	-1.37E-04	6613.	7455147.	-41.562	2623.	0.00
0.9000	0.00470	-1415.	464.3216	-1.97E-04	6186.	7455147.	-44.901	2864.	0.00
1.2000	0.00464	-1278.	450.4082	-2.51E-04	5771.	7455147.	-47.855	3097.	0.00
1.5000	0.00455	-1145.	435.6549	-3.00E-04	5369.	7455147.	-50.501	3328.	0.00
1.8000	0.00446	-1016.	420.0641	-3.43E-04	4981.	7455147.	-53.437	3598.	0.00
2.1000	0.00435	-892.005	403.6403	-3.82E-04	4607.	7455147.	-56.055	3869.	0.00
2.4000	0.00423	-773.029	386.4819	-4.15E-04	4247.	7455147.	-58.335	4140.	0.00
2.7000	0.00410	-659.273	368.6771	-4.44E-04	3904.	7455147.	-60.363	4419.	0.00
3.0000	0.00396	-550.922	350.3303	-4.68E-04	3577.	7455147.	-61.949	4692.	0.00
3.3000	0.00382	-448.124	331.5626	-4.88E-04	3267.	7455147.	-63.169	4965.	0.00
3.6000	0.00367	-350.993	312.4833	-5.05E-04	2974.	7455147.	-64.026	5237.	0.00
3.9000	0.00351	-259.610	293.2000	-5.17E-04	2698.	7455147.	-64.528	5509.	0.00
4.2000	0.00336	-174.024	273.8180	-5.26E-04	2440.	7455147.	-64.685	5780.	0.00
4.5000	0.00320	-94.252	254.4389	-5.31E-04	2199.	7455147.	-64.509	6050.	0.00
4.8000	0.00304	-20.283	235.1599	-5.33E-04	1976.	7455147.	-64.017	6320.	0.00
5.1000	0.00288	47.9259	216.0734	-5.33E-04	2059.	7455147.	-63.226	6589.	0.00
5.4000	0.00272	110.4424	197.2663	-5.29E-04	2248.	7455147.	-62.155	6857.	0.00
5.7000	0.00256	167.3604	178.8192	-5.24E-04	2419.	7455147.	-60.825	7125.	0.00
6.0000	0.00241	218.7973	160.8066	-5.16E-04	2575.	7455147.	-59.258	7392.	0.00
6.3000	0.00225	264.8920	143.2963	-5.06E-04	2714.	7455147.	-57.477	7658.	0.00
6.6000	0.00210	305.8030	126.3497	-4.95E-04	2837.	7455147.	-55.501	7924.	0.00
6.9000	0.00195	341.7064	110.0215	-4.82E-04	2946.	7455147.	-53.354	8189.	0.00

7.2000	0.00181	372.7940	94.3589	-4.68E-04	3039.	7455147.	-51.063	8454.	0.00
7.5000	0.00167	399.2707	79.4011	-4.52E-04	3119.	7455147.	-48.656	8719.	0.00
7.8000	0.00154	421.3521	65.1815	-4.35E-04	3186.	7455147.	-46.141	8983.	0.00
8.1000	0.00141	439.2635	51.7281	-4.18E-04	3240.	7455147.	-43.548	9247.	0.00
8.4000	0.00129	453.2377	39.0613	-4.00E-04	3282.	7455147.	-40.897	9511.	0.00
8.7000	0.00117	463.5126	27.1956	-3.82E-04	3313.	7455147.	-38.208	9774.	0.00
9.0000	0.00106	470.3299	16.1397	-3.63E-04	3334.	7455147.	-35.499	10038.	0.00
9.3000	9.55E-04	473.9331	5.8968	-3.44E-04	3345.	7455147.	-32.788	10301.	0.00
9.6000	8.55E-04	474.5661	-3.535	-3.25E-04	3347.	7455147.	-30.092	10564.	0.00
9.9000	7.60E-04	472.4714	-12.163	-3.06E-04	3340.	7455147.	-27.427	10827.	0.00
10.2000	6.71E-04	467.8890	-19.998	-2.87E-04	3326.	7455147.	-24.806	11089.	0.00
10.5000	5.88E-04	461.0549	-27.056	-2.68E-04	3306.	7455147.	-22.244	11352.	0.00
10.8000	5.10E-04	452.2001	-33.355	-2.50E-04	3279.	7455147.	-19.751	11614.	0.00
11.1000	4.38E-04	441.5492	-38.918	-2.32E-04	3247.	7455147.	-17.338	11877.	0.00
11.4000	3.71E-04	429.3199	-43.771	-2.14E-04	3210.	7455147.	-15.014	12139.	0.00
11.7000	3.09E-04	415.7217	-47.941	-1.97E-04	3169.	7455147.	-12.788	12401.	0.00
12.0000	2.53E-04	400.9557	-51.459	-1.81E-04	3124.	7455147.	-10.665	12663.	0.00
12.3000	2.01E-04	385.2134	-54.357	-1.65E-04	3077.	7455147.	-8.652	12926.	0.00
12.6000	1.54E-04	368.6768	-56.667	-1.50E-04	3027.	7455147.	-6.753	13188.	0.00
12.9000	1.11E-04	351.5173	-58.426	-1.35E-04	2975.	7455147.	-4.970	13450.	0.00
13.2000	7.24E-05	333.8961	-59.668	-1.22E-04	2922.	7455147.	-3.307	13712.	0.00
13.5000	3.79E-05	315.9637	-60.428	-1.09E-04	2868.	7455147.	-1.765	13974.	0.00
13.8000	7.23E-06	297.8594	-60.745	-9.62E-05	2813.	7455147.	-0.343	14236.	0.00
14.1000	-1.98E-05	279.7122	-60.652	-8.46E-05	2759.	7455147.	0.9583	14498.	0.00
14.4000	-4.35E-05	261.6397	-60.187	-7.37E-05	2704.	7455147.	2.1410	14760.	0.00
14.7000	-6.40E-05	243.7493	-59.385	-6.35E-05	2650.	7455147.	3.2068	15022.	0.00
15.0000	-8.16E-05	226.1375	-58.280	-5.41E-05	2597.	7455147.	4.1586	15284.	0.00
15.3000	-9.65E-05	208.8907	-56.907	-4.53E-05	2545.	7455147.	4.9996	15546.	0.00
15.6000	-1.09E-04	192.0854	-55.297	-3.72E-05	2494.	7455147.	5.7337	15808.	0.00
15.9000	-1.19E-04	175.7883	-53.482	-2.98E-05	2445.	7455147.	6.3652	16070.	0.00
16.2000	-1.27E-04	160.0569	-51.492	-2.31E-05	2397.	7455147.	6.8986	16332.	0.00
16.5000	-1.33E-04	144.9398	-49.357	-1.69E-05	2352.	7455147.	7.3389	16594.	0.00
16.8000	-1.37E-04	130.4773	-47.102	-1.14E-05	2308.	7455147.	7.6913	16856.	0.00
17.1000	-1.40E-04	116.7016	-44.754	-6.43E-06	2267.	7455147.	7.9611	17118.	0.00
17.4000	-1.41E-04	103.6378	-42.337	-2.00E-06	2227.	7455147.	8.1540	17380.	0.00
17.7000	-1.41E-04	91.3035	-39.873	1.92E-06	2190.	7455147.	8.2754	17642.	0.00
18.0000	-1.40E-04	79.7103	-37.382	5.36E-06	2155.	7455147.	8.3310	17904.	0.00
18.3000	-1.38E-04	68.8636	-34.883	8.35E-06	2122.	7455147.	8.3264	18166.	0.00
18.6000	-1.35E-04	58.7635	-32.394	1.09E-05	2092.	7455147.	8.2671	18428.	0.00
18.9000	-1.31E-04	49.4050	-29.930	1.31E-05	2063.	7455147.	8.1584	18690.	0.00
19.2000	-1.27E-04	40.7788	-27.506	1.49E-05	2037.	7455147.	8.0057	18952.	0.00
19.5000	-1.22E-04	32.8714	-25.133	1.64E-05	2014.	7455147.	7.8142	19214.	0.00
19.8000	-1.17E-04	25.6660	-22.822	1.76E-05	1992.	7455147.	7.5886	19476.	0.00
20.1000	-1.11E-04	19.1424	-20.584	1.85E-05	1972.	7455147.	7.3337	19738.	0.00
20.4000	-1.06E-04	13.2782	-18.426	1.91E-05	1954.	7455147.	7.0539	20000.	0.00
20.7000	-1.00E-04	8.0482	-16.355	1.96E-05	1939.	7455147.	6.7534	20262.	0.00
21.0000	-9.41E-05	3.4257	-14.376	1.98E-05	1925.	7455147.	6.4361	20524.	0.00
21.3000	-8.81E-05	-0.618	-12.495	1.98E-05	1916.	7455147.	6.1056	20786.	0.00
21.6000	-8.22E-05	-4.112	-10.714	1.97E-05	1927.	7455147.	5.7652	21048.	0.00
21.9000	-7.63E-05	-7.086	-9.037	1.95E-05	1936.	7455147.	5.4179	21310.	0.00

22.2000	-7.05E-05	-9.573	-7.464	1.92E-05	1943.	7455147.	5.0665	21572.	0.00
22.5000	-6.48E-05	-11.604	-5.997	1.88E-05	1949.	7455147.	4.7134	21834.	0.00
22.8000	-5.92E-05	-13.210	-4.636	1.83E-05	1954.	7455147.	4.3606	22096.	0.00
23.1000	-5.38E-05	-14.423	-3.381	1.77E-05	1958.	7455147.	4.0100	22358.	0.00
23.4000	-4.86E-05	-15.274	-2.230	1.71E-05	1960.	7455147.	3.6631	22620.	0.00
23.7000	-4.35E-05	-15.795	-1.182	1.65E-05	1962.	7455147.	3.3211	22882.	0.00
24.0000	-3.87E-05	-16.017	-0.236	1.58E-05	1963.	7455147.	2.9850	23144.	0.00
24.3000	-3.40E-05	-15.969	0.6100	1.52E-05	1963.	7455147.	2.6556	23406.	0.00
24.6000	-2.96E-05	-15.681	1.3583	1.46E-05	1962.	7455147.	2.3332	23668.	0.00
24.9000	-2.53E-05	-15.183	2.0111	1.39E-05	1960.	7455147.	2.0182	23930.	0.00
25.2000	-2.12E-05	-14.503	2.5703	1.33E-05	1958.	7455147.	1.7104	24192.	0.00
25.5000	-1.73E-05	-13.668	3.0384	1.28E-05	1956.	7455147.	1.4098	24454.	0.00
25.8000	-1.35E-05	-12.706	3.4172	1.22E-05	1953.	7455147.	1.1159	24716.	0.00
26.1000	-9.95E-06	-11.643	3.7089	1.18E-05	1950.	7455147.	0.8283	24978.	0.00
26.4000	-6.49E-06	-10.505	3.9150	1.13E-05	1946.	7455147.	0.5462	25240.	0.00
26.7000	-3.16E-06	-9.317	4.0373	1.09E-05	1943.	7455147.	0.2688	25502.	0.00
27.0000	5.48E-08	-8.104	4.0769	1.06E-05	1939.	7455147.	-0.00470	25764.	0.00
27.3000	3.17E-06	-6.892	4.0349	1.03E-05	1935.	7455147.	-0.275	26026.	0.00
27.6000	6.21E-06	-5.704	3.9120	1.00E-05	1932.	7455147.	-0.544	26288.	0.00
27.9000	9.18E-06	-4.565	3.7085	9.80E-06	1928.	7455147.	-0.812	26550.	0.00
28.2000	1.21E-05	-3.499	3.4246	9.64E-06	1925.	7455147.	-1.080	26812.	0.00
28.5000	1.50E-05	-2.530	3.0601	9.51E-06	1922.	7455147.	-1.350	27074.	0.00
28.8000	1.78E-05	-1.682	2.6143	9.43E-06	1919.	7455147.	-1.622	27336.	0.00
29.1000	2.06E-05	-0.981	2.0865	9.38E-06	1917.	7455147.	-1.897	27598.	0.00
29.4000	2.34E-05	-0.449	1.4757	9.35E-06	1916.	7455147.	-2.175	27860.	0.00
29.7000	2.62E-05	-0.114	0.7807	9.34E-06	1915.	7455147.	-2.458	28122.	0.00
30.0000	2.90E-05	0.00	0.00	9.33E-06	1914.	7455147.	-2.746	14192.	0.00

* The above values of total stress are combined axial and bending stresses.

Output Summary for Load Case No. 1:

Pile-head deflection = 0.00479698 meters
Computed slope at pile head = 0.000000 radians
Maximum bending moment = -1851. kN-m
Maximum shear force = 500.00000000 kN
Depth of maximum bending moment = 0.000000 meters below pile head
Depth of maximum shear force = 0.000000 meters below pile head
Number of iterations = 6
Number of zero deflection points = 2

Computed Values of Pile Loading and Deflection
for Lateral Loading for Load Case Number 2

Pile-head conditions are Shear and Pile-head Rotation (Loading Type 2)

Shear force at pile head = 463.0 kN
Rotation of pile head = 0.000E+00 radians
Axial load at pile head = 3176.0 kN

(Zero slope for this load indicates fixed-head conditions)

Depth X meters	Deflect. y meters	Bending Moment kN-m	Shear Force kN	Slope S radians	Total Stress kPa*	Bending Stiffness kN-m^2	Soil Res. p kN/m	Soil Spr. Es*H kN/m	Distrib. Lat. Load kN/m
0.00	0.00443	-1712.	463.0000	0.00	6963.	7455147.	-31.545	1067.	0.00
0.3000	0.00442	-1574.	452.9917	-6.61E-05	6548.	7455147.	-35.177	2386.	0.00
0.6000	0.00439	-1440.	441.9279	-1.27E-04	6142.	7455147.	-38.582	2635.	0.00
0.9000	0.00435	-1309.	429.8846	-1.82E-04	5747.	7455147.	-41.707	2879.	0.00
1.2000	0.00428	-1181.	416.9552	-2.32E-04	5363.	7455147.	-44.489	3116.	0.00
1.5000	0.00421	-1058.	403.2335	-2.77E-04	4990.	7455147.	-46.988	3351.	0.00
1.8000	0.00412	-938.901	388.7331	-3.17E-04	4631.	7455147.	-49.681	3620.	0.00
2.1000	0.00402	-824.196	373.4696	-3.53E-04	4285.	7455147.	-52.076	3889.	0.00
2.4000	0.00391	-714.147	357.5344	-3.84E-04	3953.	7455147.	-54.158	4160.	0.00
2.7000	0.00379	-608.944	341.0114	-4.10E-04	3635.	7455147.	-55.995	4437.	0.00
3.0000	0.00366	-508.758	323.9972	-4.33E-04	3333.	7455147.	-57.433	4708.	0.00
3.3000	0.00353	-413.721	306.6019	-4.51E-04	3046.	7455147.	-58.535	4979.	0.00
3.6000	0.00339	-323.937	288.9259	-4.66E-04	2775.	7455147.	-59.304	5250.	0.00
3.9000	0.00325	-239.477	271.0683	-4.78E-04	2520.	7455147.	-59.746	5520.	0.00
4.2000	0.00310	-160.385	253.1256	-4.86E-04	2281.	7455147.	-59.872	5790.	0.00
4.5000	0.00296	-86.676	235.1911	-4.91E-04	2059.	7455147.	-59.692	6059.	0.00
4.8000	0.00281	-18.336	217.3541	-4.93E-04	1853.	7455147.	-59.222	6328.	0.00
5.1000	0.00266	44.6754	199.6994	-4.92E-04	1932.	7455147.	-58.477	6596.	0.00
5.4000	0.00251	102.4219	182.3065	-4.89E-04	2106.	7455147.	-57.476	6863.	0.00
5.7000	0.00237	154.9917	165.2496	-4.84E-04	2265.	7455147.	-56.237	7130.	0.00
6.0000	0.00222	202.4942	148.5970	-4.77E-04	2408.	7455147.	-54.780	7396.	0.00
6.3000	0.00208	245.0587	132.4109	-4.68E-04	2537.	7455147.	-53.127	7662.	0.00
6.6000	0.00194	282.8324	116.7476	-4.57E-04	2651.	7455147.	-51.296	7928.	0.00
6.9000	0.00181	315.9787	101.6571	-4.45E-04	2751.	7455147.	-49.308	8192.	0.00
7.2000	0.00167	344.6751	87.1829	-4.32E-04	2837.	7455147.	-47.187	8456.	0.00
7.5000	0.00155	369.1116	73.3611	-4.18E-04	2911.	7455147.	-44.959	8721.	0.00
7.8000	0.00142	389.4875	60.2222	-4.02E-04	2973.	7455147.	-42.633	8985.	0.00
8.1000	0.00131	406.0116	47.7919	-3.86E-04	3023.	7455147.	-40.235	9249.	0.00
8.4000	0.00119	418.8989	36.0890	-3.70E-04	3062.	7455147.	-37.784	9512.	0.00
8.7000	0.00108	428.3695	25.1265	-3.53E-04	3090.	7455147.	-35.298	9775.	0.00
9.0000	9.80E-04	434.6469	14.9126	-3.35E-04	3109.	7455147.	-32.795	10039.	0.00
9.3000	8.82E-04	437.9560	5.4500	-3.18E-04	3119.	7455147.	-30.289	10302.	0.00
9.6000	7.89E-04	438.5224	-3.263	-3.00E-04	3121.	7455147.	-27.798	10564.	0.00
9.9000	7.02E-04	436.5700	-11.233	-2.83E-04	3115.	7455147.	-25.336	10827.	0.00
10.2000	6.20E-04	432.3207	-18.471	-2.65E-04	3102.	7455147.	-22.915	11090.	0.00
10.5000	5.43E-04	425.9925	-24.990	-2.48E-04	3083.	7455147.	-20.547	11352.	0.00
10.8000	4.71E-04	417.7987	-30.809	-2.31E-04	3058.	7455147.	-18.244	11615.	0.00
11.1000	4.05E-04	407.9470	-35.948	-2.14E-04	3028.	7455147.	-16.015	11877.	0.00
11.4000	3.43E-04	396.6382	-40.430	-1.98E-04	2994.	7455147.	-13.868	12139.	0.00

11.7000	2.86E-04	384.0661	-44.282	-1.82E-04	2956.	7455147.	-11.812	12401.	0.00
12.0000	2.33E-04	370.4162	-47.532	-1.67E-04	2915.	7455147.	-9.851	12664.	0.00
12.3000	1.85E-04	355.8655	-50.208	-1.52E-04	2871.	7455147.	-7.991	12926.	0.00
12.6000	1.42E-04	340.5820	-52.342	-1.38E-04	2825.	7455147.	-6.237	13188.	0.00
12.9000	1.02E-04	324.7241	-53.966	-1.25E-04	2777.	7455147.	-4.591	13450.	0.00
13.2000	6.68E-05	308.4405	-55.113	-1.12E-04	2728.	7455147.	-3.055	13712.	0.00
13.5000	3.50E-05	291.8702	-55.816	-1.00E-04	2678.	7455147.	-1.630	13974.	0.00
13.8000	6.67E-06	275.1420	-56.108	-8.89E-05	2628.	7455147.	-0.317	14236.	0.00
14.1000	-1.83E-05	258.3748	-56.023	-7.81E-05	2577.	7455147.	0.8854	14498.	0.00
14.4000	-4.02E-05	241.6774	-55.593	-6.81E-05	2527.	7455147.	1.9777	14760.	0.00
14.7000	-5.92E-05	225.1486	-54.852	-5.87E-05	2477.	7455147.	2.9622	15022.	0.00
15.0000	-7.54E-05	208.8779	-53.832	-4.99E-05	2428.	7455147.	3.8413	15284.	0.00
15.3000	-8.91E-05	192.9448	-52.563	-4.18E-05	2380.	7455147.	4.6180	15546.	0.00
15.6000	-1.01E-04	177.4200	-51.076	-3.44E-05	2333.	7455147.	5.2960	15808.	0.00
15.9000	-1.10E-04	162.3650	-49.399	-2.76E-05	2287.	7455147.	5.8792	16070.	0.00
16.2000	-1.17E-04	147.8329	-47.562	-2.13E-05	2243.	7455147.	6.3718	16332.	0.00
16.5000	-1.23E-04	133.8686	-45.589	-1.57E-05	2201.	7455147.	6.7785	16594.	0.00
16.8000	-1.26E-04	120.5093	-43.507	-1.05E-05	2161.	7455147.	7.1039	16856.	0.00
17.1000	-1.29E-04	107.7847	-41.338	-5.94E-06	2123.	7455147.	7.3531	17118.	0.00
17.4000	-1.30E-04	95.7177	-39.106	-1.85E-06	2086.	7455147.	7.5312	17380.	0.00
17.7000	-1.30E-04	84.3249	-36.829	1.78E-06	2052.	7455147.	7.6434	17642.	0.00
18.0000	-1.29E-04	73.6167	-34.529	4.95E-06	2019.	7455147.	7.6947	17904.	0.00
18.3000	-1.27E-04	63.5982	-32.221	7.72E-06	1989.	7455147.	7.6904	18166.	0.00
18.6000	-1.24E-04	54.2695	-29.922	1.01E-05	1961.	7455147.	7.6355	18428.	0.00
18.9000	-1.21E-04	45.6258	-27.646	1.21E-05	1935.	7455147.	7.5352	18690.	0.00
19.2000	-1.17E-04	37.6586	-25.407	1.38E-05	1911.	7455147.	7.3941	18952.	0.00
19.5000	-1.13E-04	30.3554	-23.215	1.51E-05	1889.	7455147.	7.2172	19214.	0.00
19.8000	-1.08E-04	23.7005	-21.081	1.62E-05	1869.	7455147.	7.0088	19476.	0.00
20.1000	-1.03E-04	17.6756	-19.014	1.71E-05	1851.	7455147.	6.7734	19738.	0.00
20.4000	-9.77E-05	12.2596	-17.021	1.77E-05	1834.	7455147.	6.5149	20000.	0.00
20.7000	-9.24E-05	7.4294	-15.108	1.81E-05	1820.	7455147.	6.2374	20262.	0.00
21.0000	-8.69E-05	3.1604	-13.281	1.83E-05	1807.	7455147.	5.9443	20524.	0.00
21.3000	-8.14E-05	-0.574	-11.543	1.83E-05	1799.	7455147.	5.6391	20786.	0.00
21.6000	-7.59E-05	-3.800	-9.899	1.82E-05	1809.	7455147.	5.3247	21048.	0.00
21.9000	-7.04E-05	-6.548	-8.349	1.80E-05	1817.	7455147.	5.0040	21310.	0.00
22.2000	-6.51E-05	-8.844	-6.897	1.77E-05	1824.	7455147.	4.6794	21572.	0.00
22.5000	-5.98E-05	-10.720	-5.542	1.73E-05	1830.	7455147.	4.3533	21834.	0.00
22.8000	-5.47E-05	-12.203	-4.285	1.69E-05	1834.	7455147.	4.0274	22096.	0.00
23.1000	-4.97E-05	-13.323	-3.125	1.64E-05	1837.	7455147.	3.7036	22358.	0.00
23.4000	-4.49E-05	-14.109	-2.062	1.58E-05	1840.	7455147.	3.3833	22620.	0.00
23.7000	-4.02E-05	-14.590	-1.095	1.52E-05	1841.	7455147.	3.0674	22882.	0.00
24.0000	-3.57E-05	-14.795	-0.221	1.46E-05	1842.	7455147.	2.7571	23144.	0.00
24.3000	-3.14E-05	-14.750	0.5606	1.40E-05	1842.	7455147.	2.4528	23406.	0.00
24.6000	-2.73E-05	-14.485	1.2518	1.34E-05	1841.	7455147.	2.1551	23668.	0.00
24.9000	-2.34E-05	-14.025	1.8547	1.29E-05	1840.	7455147.	1.8641	23930.	0.00
25.2000	-1.96E-05	-13.397	2.3713	1.23E-05	1838.	7455147.	1.5799	24192.	0.00
25.5000	-1.60E-05	-12.626	2.8036	1.18E-05	1835.	7455147.	1.3023	24454.	0.00
25.8000	-1.25E-05	-11.737	3.1536	1.13E-05	1833.	7455147.	1.0309	24716.	0.00
26.1000	-9.19E-06	-10.755	3.4230	1.09E-05	1830.	7455147.	0.7653	24978.	0.00
26.4000	-6.00E-06	-9.704	3.6136	1.04E-05	1827.	7455147.	0.5048	25240.	0.00

26.7000	-2.93E-06	-8.607	3.7266	1.01E-05	1823.	7455147.	0.2487	25502.	0.00
27.0000	4.56E-08	-7.487	3.7633	9.75E-06	1820.	7455147.	-0.00392	25764.	0.00
27.3000	2.93E-06	-6.367	3.7246	9.47E-06	1816.	7455147.	-0.254	26026.	0.00
27.6000	5.73E-06	-5.270	3.6112	9.24E-06	1813.	7455147.	-0.502	26288.	0.00
27.9000	8.47E-06	-4.218	3.4235	9.05E-06	1810.	7455147.	-0.750	26550.	0.00
28.2000	1.12E-05	-3.234	3.1615	8.90E-06	1807.	7455147.	-0.997	26812.	0.00
28.5000	1.38E-05	-2.338	2.8250	8.79E-06	1804.	7455147.	-1.246	27074.	0.00
28.8000	1.64E-05	-1.555	2.4135	8.71E-06	1802.	7455147.	-1.497	27336.	0.00
29.1000	1.90E-05	-0.907	1.9263	8.66E-06	1800.	7455147.	-1.751	27598.	0.00
29.4000	2.16E-05	-0.416	1.3624	8.63E-06	1799.	7455147.	-2.008	27860.	0.00
29.7000	2.42E-05	-0.106	0.7207	8.62E-06	1798.	7455147.	-2.270	28122.	0.00
30.0000	2.68E-05	0.00	0.00	8.62E-06	1797.	7455147.	-2.535	14192.	0.00

* The above values of total stress are combined axial and bending stresses.

Output Summary for Load Case No. 2:

Pile-head deflection = 0.00443278 meters
Computed slope at pile head = 0.000000 radians
Maximum bending moment = -1712. kN-m
Maximum shear force = 463.00000000 kN
Depth of maximum bending moment = 0.000000 meters below pile head
Depth of maximum shear force = 0.000000 meters below pile head
Number of iterations = 6
Number of zero deflection points = 2

Computed Values of Pile Loading and Deflection
for Lateral Loading for Load Case Number 3

Pile-head conditions are Shear and Pile-head Rotation (Loading Type 2)

Shear force at pile head = 350.0 kN
Rotation of pile head = 0.000E+00 radians
Axial load at pile head = 2553.0 kN

(Zero slope for this load indicates fixed-head conditions)

Depth X meters	Deflect. y meters	Bending Moment kN-m	Shear Force kN	Slope S radians	Total Stress kPa*	Bending Stiffness kN-m^2	Soil Res. p kN/m	Soil Spr. Es*H kN/m	Distrib. Lat. Load kN/m
0.00	0.00333	-1290.	350.0000	0.00	5337.	7455147.	-23.948	1078.	0.00
0.3000	0.00332	-1186.	342.3987	-4.98E-05	5023.	7455147.	-26.728	2412.	0.00
0.6000	0.00330	-1084.	333.9872	-9.55E-05	4717.	7455147.	-29.349	2666.	0.00
0.9000	0.00327	-985.113	324.8184	-1.37E-04	4418.	7455147.	-31.777	2917.	0.00

1.2000	0.00322	-888.977	314.9558	-1.75E-04	4128.	7455147.	-33.974	3165.	0.00
1.5000	0.00316	-795.872	304.4655	-2.09E-04	3847.	7455147.	-35.961	3411.	0.00
1.8000	0.00310	-705.978	293.3801	-2.39E-04	3575.	7455147.	-37.942	3677.	0.00
2.1000	0.00302	-619.478	281.7346	-2.66E-04	3314.	7455147.	-39.695	3944.	0.00
2.4000	0.00294	-536.531	269.5988	-2.89E-04	3064.	7455147.	-41.211	4211.	0.00
2.7000	0.00285	-457.276	257.0398	-3.09E-04	2825.	7455147.	-42.516	4481.	0.00
3.0000	0.00275	-381.834	244.1307	-3.26E-04	2597.	7455147.	-43.545	4749.	0.00
3.3000	0.00265	-310.299	230.9505	-3.40E-04	2381.	7455147.	-44.323	5016.	0.00
3.6000	0.00255	-242.743	217.5737	-3.51E-04	2177.	7455147.	-44.855	5283.	0.00
3.9000	0.00244	-179.217	204.0735	-3.59E-04	1986.	7455147.	-45.146	5550.	0.00
4.2000	0.00233	-119.749	190.5213	-3.65E-04	1806.	7455147.	-45.202	5817.	0.00
4.5000	0.00222	-64.345	176.9860	-3.69E-04	1639.	7455147.	-45.033	6083.	0.00
4.8000	0.00211	-12.992	163.5336	-3.71E-04	1484.	7455147.	-44.650	6348.	0.00
5.1000	0.00200	34.3429	150.2266	-3.70E-04	1548.	7455147.	-44.064	6614.	0.00
5.4000	0.00189	77.7109	137.1237	-3.68E-04	1679.	7455147.	-43.289	6879.	0.00
5.7000	0.00178	117.1806	124.2797	-3.64E-04	1798.	7455147.	-42.338	7144.	0.00
6.0000	0.00167	152.8362	111.7449	-3.59E-04	1906.	7455147.	-41.227	7408.	0.00
6.3000	0.00156	184.7767	99.5653	-3.52E-04	2002.	7455147.	-39.970	7672.	0.00
6.6000	0.00146	213.1142	87.7823	-3.44E-04	2088.	7455147.	-38.583	7936.	0.00
6.9000	0.00136	237.9726	76.4327	-3.35E-04	2163.	7455147.	-37.080	8200.	0.00
7.2000	0.00126	259.4864	65.5487	-3.25E-04	2228.	7455147.	-35.480	8463.	0.00
7.5000	0.00116	277.7991	55.1571	-3.14E-04	2283.	7455147.	-33.798	8727.	0.00
7.8000	0.00107	293.0614	45.2806	-3.02E-04	2329.	7455147.	-32.045	8990.	0.00
8.1000	9.80E-04	305.4306	35.9378	-2.90E-04	2367.	7455147.	-30.240	9253.	0.00
8.4000	8.95E-04	315.0688	27.1426	-2.78E-04	2396.	7455147.	-28.395	9515.	0.00
8.7000	8.14E-04	322.1417	18.9047	-2.65E-04	2417.	7455147.	-26.524	9778.	0.00
9.0000	7.36E-04	326.8175	11.2299	-2.52E-04	2431.	7455147.	-24.641	10041.	0.00
9.3000	6.63E-04	329.2655	4.1201	-2.39E-04	2438.	7455147.	-22.758	10303.	0.00
9.6000	5.93E-04	329.6552	-2.426	-2.25E-04	2440.	7455147.	-20.885	10566.	0.00
9.9000	5.27E-04	328.1551	-8.414	-2.12E-04	2435.	7455147.	-19.034	10828.	0.00
10.2000	4.66E-04	324.9319	-13.851	-1.99E-04	2425.	7455147.	-17.214	11091.	0.00
10.5000	4.08E-04	320.1493	-18.749	-1.86E-04	2411.	7455147.	-15.435	11353.	0.00
10.8000	3.54E-04	313.9676	-23.120	-1.73E-04	2392.	7455147.	-13.705	11615.	0.00
11.1000	3.04E-04	306.5428	-26.980	-1.61E-04	2370.	7455147.	-12.030	11877.	0.00
11.4000	2.57E-04	298.0259	-30.348	-1.49E-04	2344.	7455147.	-10.418	12139.	0.00
11.7000	2.15E-04	288.5621	-33.241	-1.37E-04	2316.	7455147.	-8.873	12402.	0.00
12.0000	1.75E-04	278.2909	-35.682	-1.26E-04	2285.	7455147.	-7.400	12664.	0.00
12.3000	1.39E-04	267.3450	-37.693	-1.15E-04	2252.	7455147.	-6.004	12926.	0.00
12.6000	1.07E-04	255.8506	-39.296	-1.04E-04	2217.	7455147.	-4.686	13188.	0.00
12.9000	7.69E-05	243.9266	-40.517	-9.39E-05	2181.	7455147.	-3.450	13450.	0.00
13.2000	5.02E-05	231.6846	-41.378	-8.44E-05	2144.	7455147.	-2.296	13712.	0.00
13.5000	2.63E-05	219.2288	-41.907	-7.53E-05	2106.	7455147.	-1.226	13974.	0.00
13.8000	5.05E-06	206.6560	-42.127	-6.67E-05	2068.	7455147.	-0.240	14236.	0.00
14.1000	-1.37E-05	194.0552	-42.063	-5.87E-05	2030.	7455147.	0.6630	14498.	0.00
14.4000	-3.01E-05	181.5080	-41.741	-5.11E-05	1993.	7455147.	1.4832	14760.	0.00
14.7000	-4.44E-05	169.0888	-41.185	-4.41E-05	1955.	7455147.	2.2225	15022.	0.00
15.0000	-5.66E-05	156.8643	-40.419	-3.75E-05	1918.	7455147.	2.8826	15284.	0.00
15.3000	-6.69E-05	144.8945	-39.467	-3.14E-05	1882.	7455147.	3.4659	15546.	0.00
15.6000	-7.54E-05	133.2322	-38.351	-2.58E-05	1847.	7455147.	3.9751	15808.	0.00
15.9000	-8.24E-05	121.9235	-37.093	-2.07E-05	1813.	7455147.	4.4130	16070.	0.00

16.2000	-8.79E-05	111.0082	-35.713	-1.60E-05	1780.	7455147.	4.7829	16332.	0.00
16.5000	-9.20E-05	100.5199	-34.233	-1.18E-05	1748.	7455147.	5.0883	16594.	0.00
16.8000	-9.49E-05	90.4865	-32.670	-7.91E-06	1718.	7455147.	5.3327	16856.	0.00
17.1000	-9.67E-05	80.9303	-31.042	-4.46E-06	1689.	7455147.	5.5198	17118.	0.00
17.4000	-9.76E-05	71.8683	-29.366	-1.39E-06	1662.	7455147.	5.6536	17380.	0.00
17.7000	-9.76E-05	63.3129	-27.657	1.33E-06	1636.	7455147.	5.7378	17642.	0.00
18.0000	-9.68E-05	55.2720	-25.930	3.72E-06	1612.	7455147.	5.7764	17904.	0.00
18.3000	-9.53E-05	47.7493	-24.198	5.79E-06	1589.	7455147.	5.7732	18166.	0.00
18.6000	-9.33E-05	40.7446	-22.472	7.57E-06	1568.	7455147.	5.7320	18428.	0.00
18.9000	-9.08E-05	34.2546	-20.763	9.08E-06	1548.	7455147.	5.6567	18690.	0.00
19.2000	-8.79E-05	28.2727	-19.082	1.03E-05	1530.	7455147.	5.5509	18952.	0.00
19.5000	-8.46E-05	22.7894	-17.437	1.14E-05	1513.	7455147.	5.4180	19214.	0.00
19.8000	-8.10E-05	17.7931	-15.835	1.22E-05	1498.	7455147.	5.2617	19476.	0.00
20.1000	-7.73E-05	13.2697	-14.283	1.28E-05	1485.	7455147.	5.0849	19738.	0.00
20.4000	-7.34E-05	9.2036	-12.787	1.33E-05	1472.	7455147.	4.8910	20000.	0.00
20.7000	-6.93E-05	5.5775	-11.351	1.36E-05	1462.	7455147.	4.6826	20262.	0.00
21.0000	-6.52E-05	2.3725	-9.979	1.37E-05	1452.	7455147.	4.4627	20524.	0.00
21.3000	-6.11E-05	-0.431	-8.674	1.38E-05	1446.	7455147.	4.2335	20786.	0.00
21.6000	-5.70E-05	-2.853	-7.440	1.37E-05	1453.	7455147.	3.9976	21048.	0.00
21.9000	-5.29E-05	-4.916	-6.277	1.35E-05	1460.	7455147.	3.7568	21310.	0.00
22.2000	-4.89E-05	-6.640	-5.186	1.33E-05	1465.	7455147.	3.5132	21572.	0.00
22.5000	-4.49E-05	-8.048	-4.169	1.30E-05	1469.	7455147.	3.2684	21834.	0.00
22.8000	-4.11E-05	-9.161	-3.225	1.27E-05	1472.	7455147.	3.0239	22096.	0.00
23.1000	-3.73E-05	-10.002	-2.354	1.23E-05	1475.	7455147.	2.7808	22358.	0.00
23.4000	-3.37E-05	-10.592	-1.556	1.19E-05	1477.	7455147.	2.5403	22620.	0.00
23.7000	-3.02E-05	-10.954	-0.830	1.14E-05	1478.	7455147.	2.3033	22882.	0.00
24.0000	-2.68E-05	-11.108	-0.173	1.10E-05	1478.	7455147.	2.0703	23144.	0.00
24.3000	-2.36E-05	-11.075	0.4134	1.05E-05	1478.	7455147.	1.8420	23406.	0.00
24.6000	-2.05E-05	-10.876	0.9324	1.01E-05	1478.	7455147.	1.6185	23668.	0.00
24.9000	-1.76E-05	-10.531	1.3852	9.66E-06	1476.	7455147.	1.4002	23930.	0.00
25.2000	-1.47E-05	-10.059	1.7733	9.25E-06	1475.	7455147.	1.1868	24192.	0.00
25.5000	-1.20E-05	-9.481	2.0981	8.86E-06	1473.	7455147.	0.9785	24454.	0.00
25.8000	-9.40E-06	-8.814	2.3611	8.49E-06	1471.	7455147.	0.7748	24716.	0.00
26.1000	-6.91E-06	-8.077	2.5636	8.15E-06	1469.	7455147.	0.5755	24978.	0.00
26.4000	-4.52E-06	-7.288	2.7070	7.84E-06	1467.	7455147.	0.3800	25240.	0.00
26.7000	-2.21E-06	-6.465	2.7921	7.56E-06	1464.	7455147.	0.1878	25502.	0.00
27.0000	2.04E-08	-5.625	2.8200	7.32E-06	1462.	7455147.	-0.00175	25764.	0.00
27.3000	2.18E-06	-4.784	2.7914	7.11E-06	1459.	7455147.	-0.189	26026.	0.00
27.6000	4.29E-06	-3.961	2.7067	6.93E-06	1457.	7455147.	-0.376	26288.	0.00
27.9000	6.34E-06	-3.171	2.5661	6.79E-06	1454.	7455147.	-0.561	26550.	0.00
28.2000	8.36E-06	-2.431	2.3699	6.68E-06	1452.	7455147.	-0.747	26812.	0.00
28.5000	1.03E-05	-1.759	2.1178	6.59E-06	1450.	7455147.	-0.934	27074.	0.00
28.8000	1.23E-05	-1.171	1.8094	6.53E-06	1448.	7455147.	-1.122	27336.	0.00
29.1000	1.43E-05	-0.684	1.4442	6.50E-06	1447.	7455147.	-1.312	27598.	0.00
29.4000	1.62E-05	-0.314	1.0215	6.48E-06	1446.	7455147.	-1.506	27860.	0.00
29.7000	1.82E-05	-0.08059	0.5404	6.47E-06	1445.	7455147.	-1.702	28122.	0.00
30.0000	2.01E-05	0.00	0.00	6.47E-06	1445.	7455147.	-1.901	14192.	0.00

* The above values of total stress are combined axial and bending stresses.

Output Summary for Load Case No. 3:

Pile-head deflection = 0.00333275 meters
Computed slope at pile head = 0.000000 radians
Maximum bending moment = -1290. kN-m
Maximum shear force = 350.00000000 kN
Depth of maximum bending moment = 0.000000 meters below pile head
Depth of maximum shear force = 0.000000 meters below pile head
Number of iterations = 6
Number of zero deflection points = 2

Computed Values of Pile Loading and Deflection
for Lateral Loading for Load Case Number 4

Pile-head conditions are Shear and Pile-head Rotation (Loading Type 2)

Shear force at pile head = 484.0 kN
Rotation of pile head = 0.000E+00 radians
Axial load at pile head = 3331.0 kN

(Zero slope for this load indicates fixed-head conditions)

Depth X meters	Deflect. y meters	Bending Moment kN-m	Shear Force kN	Slope S radians	Total Stress kPa*	Bending Stiffness kN-m^2	Soil Res. p kN/m	Soil Spr. Es*H kN/m	Distrib. Lat. Load kN/m
0.00	0.00464	-1791.	484.0000	0.00	7289.	7455147.	-32.946	1065.	0.00
0.3000	0.00463	-1647.	473.5483	-6.92E-05	6855.	7455147.	-36.732	2381.	0.00
0.6000	0.00460	-1506.	461.9969	-1.33E-04	6431.	7455147.	-40.277	2628.	0.00
0.9000	0.00455	-1369.	449.4265	-1.90E-04	6018.	7455147.	-43.525	2870.	0.00
1.2000	0.00448	-1236.	435.9369	-2.43E-04	5616.	7455147.	-46.406	3105.	0.00
1.5000	0.00440	-1107.	421.6275	-2.90E-04	5227.	7455147.	-48.990	3338.	0.00
1.8000	0.00431	-982.641	406.5060	-3.32E-04	4851.	7455147.	-51.820	3607.	0.00
2.1000	0.00420	-862.670	390.5819	-3.69E-04	4489.	7455147.	-54.341	3878.	0.00
2.4000	0.00409	-747.554	373.9505	-4.02E-04	4141.	7455147.	-56.535	4149.	0.00
2.7000	0.00396	-637.497	356.6985	-4.29E-04	3809.	7455147.	-58.479	4427.	0.00
3.0000	0.00383	-532.677	338.9266	-4.53E-04	3493.	7455147.	-60.000	4699.	0.00
3.3000	0.00369	-433.236	320.7513	-4.72E-04	3192.	7455147.	-61.168	4971.	0.00
3.6000	0.00355	-339.282	302.2780	-4.88E-04	2909.	7455147.	-61.987	5243.	0.00
3.9000	0.00340	-250.894	283.6106	-5.00E-04	2642.	7455147.	-62.462	5514.	0.00
4.2000	0.00325	-168.117	264.8505	-5.08E-04	2392.	7455147.	-62.605	5784.	0.00
4.5000	0.00309	-90.967	246.0958	-5.14E-04	2160.	7455147.	-62.427	6054.	0.00
4.8000	0.00294	-19.433	227.4403	-5.16E-04	1944.	7455147.	-61.943	6323.	0.00
5.1000	0.00278	46.5276	208.9730	-5.15E-04	2025.	7455147.	-61.172	6592.	0.00
5.4000	0.00263	106.9807	190.7776	-5.12E-04	2208.	7455147.	-60.131	6860.	0.00

5.7000	0.00248	162.0176	172.9319	-5.07E-04	2374.	7455147.	-58.840	7127.	0.00
6.0000	0.00233	211.7525	155.5078	-4.99E-04	2524.	7455147.	-57.321	7394.	0.00
6.3000	0.00218	256.3199	138.5705	-4.90E-04	2659.	7455147.	-55.594	7660.	0.00
6.6000	0.00203	295.8736	122.1793	-4.79E-04	2778.	7455147.	-53.681	7926.	0.00
6.9000	0.00189	330.5841	106.3869	-4.66E-04	2883.	7455147.	-51.602	8190.	0.00
7.2000	0.00175	360.6372	91.2388	-4.52E-04	2973.	7455147.	-49.385	8455.	0.00
7.5000	0.00162	386.2310	76.7728	-4.37E-04	3051.	7455147.	-47.055	8720.	0.00
7.8000	0.00149	407.5744	63.0212	-4.21E-04	3115.	7455147.	-44.622	8984.	0.00
8.1000	0.00137	424.8854	50.0109	-4.04E-04	3167.	7455147.	-42.113	9248.	0.00
8.4000	0.00125	438.3891	37.7615	-3.87E-04	3208.	7455147.	-39.549	9511.	0.00
8.7000	0.00113	448.3158	26.2871	-3.69E-04	3238.	7455147.	-36.947	9775.	0.00
9.0000	0.00103	454.8992	15.5960	-3.51E-04	3258.	7455147.	-34.327	10038.	0.00
9.3000	9.23E-04	458.3748	5.6911	-3.33E-04	3268.	7455147.	-31.705	10301.	0.00
9.6000	8.26E-04	458.9786	-3.429	-3.14E-04	3270.	7455147.	-29.098	10564.	0.00
9.9000	7.35E-04	456.9451	-11.772	-2.96E-04	3264.	7455147.	-26.520	10827.	0.00
10.2000	6.49E-04	452.5064	-19.348	-2.77E-04	3251.	7455147.	-23.986	11089.	0.00
10.5000	5.68E-04	445.8907	-26.172	-2.59E-04	3231.	7455147.	-21.508	11352.	0.00
10.8000	4.93E-04	437.3214	-32.263	-2.42E-04	3205.	7455147.	-19.097	11614.	0.00
11.1000	4.23E-04	427.0158	-37.642	-2.24E-04	3174.	7455147.	-16.764	11877.	0.00
11.4000	3.59E-04	415.1842	-42.334	-2.07E-04	3138.	7455147.	-14.517	12139.	0.00
11.7000	2.99E-04	402.0295	-46.366	-1.91E-04	3098.	7455147.	-12.364	12401.	0.00
12.0000	2.44E-04	387.7458	-49.767	-1.75E-04	3055.	7455147.	-10.311	12663.	0.00
12.3000	1.94E-04	372.5186	-52.569	-1.60E-04	3009.	7455147.	-8.365	12926.	0.00
12.6000	1.49E-04	356.5235	-54.803	-1.45E-04	2961.	7455147.	-6.528	13188.	0.00
12.9000	1.07E-04	339.9266	-56.503	-1.31E-04	2911.	7455147.	-4.805	13450.	0.00
13.2000	6.99E-05	322.8837	-57.703	-1.18E-04	2859.	7455147.	-3.197	13712.	0.00
13.5000	3.66E-05	305.5401	-58.438	-1.05E-04	2807.	7455147.	-1.705	13974.	0.00
13.8000	6.96E-06	288.0307	-58.743	-9.30E-05	2754.	7455147.	-0.330	14236.	0.00
14.1000	-1.92E-05	270.4800	-58.654	-8.18E-05	2701.	7455147.	0.9282	14498.	0.00
14.4000	-4.21E-05	253.0020	-58.204	-7.12E-05	2649.	7455147.	2.0717	14760.	0.00
14.7000	-6.20E-05	235.7003	-57.427	-6.14E-05	2596.	7455147.	3.1023	15022.	0.00
15.0000	-7.90E-05	218.6683	-56.359	-5.23E-05	2545.	7455147.	4.0226	15284.	0.00
15.3000	-9.33E-05	201.9895	-55.030	-4.38E-05	2495.	7455147.	4.8358	15546.	0.00
15.6000	-1.05E-04	185.7378	-53.473	-3.60E-05	2446.	7455147.	5.5455	15808.	0.00
15.9000	-1.15E-04	169.9778	-51.718	-2.89E-05	2398.	7455147.	6.1560	16070.	0.00
16.2000	-1.23E-04	154.7650	-49.793	-2.23E-05	2352.	7455147.	6.6717	16332.	0.00
16.5000	-1.28E-04	140.1464	-47.728	-1.64E-05	2308.	7455147.	7.0974	16594.	0.00
16.8000	-1.32E-04	126.1609	-45.548	-1.10E-05	2266.	7455147.	7.4381	16856.	0.00
17.1000	-1.35E-04	112.8398	-43.277	-6.22E-06	2226.	7455147.	7.6989	17118.	0.00
17.4000	-1.36E-04	100.2070	-40.940	-1.93E-06	2187.	7455147.	7.8854	17380.	0.00
17.7000	-1.36E-04	88.2799	-38.556	1.86E-06	2151.	7455147.	8.0027	17642.	0.00
18.0000	-1.35E-04	77.0695	-36.147	5.19E-06	2118.	7455147.	8.0564	17904.	0.00
18.3000	-1.33E-04	66.5811	-33.731	8.08E-06	2086.	7455147.	8.0518	18166.	0.00
18.6000	-1.30E-04	56.8147	-31.324	1.06E-05	2056.	7455147.	7.9944	18428.	0.00
18.9000	-1.27E-04	47.7654	-28.942	1.27E-05	2029.	7455147.	7.8893	18690.	0.00
19.2000	-1.23E-04	39.4243	-26.597	1.44E-05	2004.	7455147.	7.7416	18952.	0.00
19.5000	-1.18E-04	31.7784	-24.302	1.59E-05	1981.	7455147.	7.5563	19214.	0.00
19.8000	-1.13E-04	24.8112	-22.068	1.70E-05	1960.	7455147.	7.3381	19476.	0.00
20.1000	-1.08E-04	18.5034	-19.904	1.79E-05	1941.	7455147.	7.0916	19738.	0.00
20.4000	-1.02E-04	12.8332	-17.817	1.85E-05	1924.	7455147.	6.8210	20000.	0.00

20.7000	-9.67E-05	7.7763	-15.814	1.89E-05	1908.	7455147.	6.5304	20262.	0.00
21.0000	-9.10E-05	3.3069	-13.901	1.91E-05	1895.	7455147.	6.2235	20524.	0.00
21.3000	-8.52E-05	-0.603	-12.082	1.92E-05	1887.	7455147.	5.9039	20786.	0.00
21.6000	-7.95E-05	-3.981	-10.360	1.91E-05	1897.	7455147.	5.5747	21048.	0.00
21.9000	-7.38E-05	-6.857	-8.738	1.89E-05	1906.	7455147.	5.2389	21310.	0.00
22.2000	-6.81E-05	-9.261	-7.217	1.86E-05	1913.	7455147.	4.8991	21572.	0.00
22.5000	-6.26E-05	-11.224	-5.799	1.81E-05	1919.	7455147.	4.5576	21834.	0.00
22.8000	-5.72E-05	-12.777	-4.483	1.77E-05	1924.	7455147.	4.2165	22096.	0.00
23.1000	-5.20E-05	-13.949	-3.269	1.71E-05	1927.	7455147.	3.8774	22358.	0.00
23.4000	-4.70E-05	-14.772	-2.156	1.65E-05	1930.	7455147.	3.5420	22620.	0.00
23.7000	-4.21E-05	-15.276	-1.143	1.59E-05	1931.	7455147.	3.2113	22882.	0.00
24.0000	-3.74E-05	-15.490	-0.228	1.53E-05	1932.	7455147.	2.8863	23144.	0.00
24.3000	-3.29E-05	-15.444	0.5898	1.47E-05	1932.	7455147.	2.5678	23406.	0.00
24.6000	-2.86E-05	-15.166	1.3134	1.41E-05	1931.	7455147.	2.2560	23668.	0.00
24.9000	-2.45E-05	-14.684	1.9445	1.35E-05	1929.	7455147.	1.9514	23930.	0.00
25.2000	-2.05E-05	-14.026	2.4853	1.29E-05	1927.	7455147.	1.6538	24192.	0.00
25.5000	-1.67E-05	-13.218	2.9379	1.24E-05	1925.	7455147.	1.3631	24454.	0.00
25.8000	-1.31E-05	-12.288	3.3042	1.18E-05	1922.	7455147.	1.0790	24716.	0.00
26.1000	-9.62E-06	-11.259	3.5861	1.14E-05	1919.	7455147.	0.8008	24978.	0.00
26.4000	-6.28E-06	-10.159	3.7855	1.09E-05	1916.	7455147.	0.5281	25240.	0.00
26.7000	-3.06E-06	-9.010	3.9037	1.05E-05	1912.	7455147.	0.2599	25502.	0.00
27.0000	5.32E-08	-7.838	3.9420	1.02E-05	1909.	7455147.	-0.00457	25764.	0.00
27.3000	3.07E-06	-6.665	3.9014	9.92E-06	1905.	7455147.	-0.266	26026.	0.00
27.6000	6.00E-06	-5.517	3.7825	9.67E-06	1902.	7455147.	-0.526	26288.	0.00
27.9000	8.87E-06	-4.415	3.5858	9.47E-06	1898.	7455147.	-0.785	26550.	0.00
28.2000	1.17E-05	-3.384	3.3113	9.32E-06	1895.	7455147.	-1.045	26812.	0.00
28.5000	1.45E-05	-2.447	2.9588	9.20E-06	1892.	7455147.	-1.305	27074.	0.00
28.8000	1.72E-05	-1.627	2.5278	9.12E-06	1890.	7455147.	-1.568	27336.	0.00
29.1000	1.99E-05	-0.949	2.0175	9.07E-06	1888.	7455147.	-1.834	27598.	0.00
29.4000	2.26E-05	-0.435	1.4269	9.04E-06	1886.	7455147.	-2.103	27860.	0.00
29.7000	2.54E-05	-0.110	0.7548	9.03E-06	1885.	7455147.	-2.377	28122.	0.00
30.0000	2.81E-05	0.00	0.00	9.02E-06	1885.	7455147.	-2.655	14192.	0.00

* The above values of total stress are combined axial and bending stresses.

Output Summary for Load Case No. 4:

Pile-head deflection = 0.00463937 meters
Computed slope at pile head = 0.000000 radians
Maximum bending moment = -1791. kN-m
Maximum shear force = 484.00000000 kN
Depth of maximum bending moment = 0.000000 meters below pile head
Depth of maximum shear force = 0.000000 meters below pile head
Number of iterations = 6
Number of zero deflection points = 2

Summary of Pile-head Responses for Conventional Analyses

Definitions of Pile-head Loading Conditions:

Load Type 1: Load 1 = Shear, V, kN, and Load 2 = Moment, M, kN-m
Load Type 2: Load 1 = Shear, V, kN, and Load 2 = Slope, S, radians
Load Type 3: Load 1 = Shear, V, kN, and Load 2 = Rot. Stiffness, R, kN-m/rad.
Load Type 4: Load 1 = Top Deflection, y, m, and Load 2 = Moment, M, kN-m
Load Type 5: Load 1 = Top Deflection, y, m, and Load 2 = Slope, S, radians

Load Case No.	Load Type 1	Pile-head Load 1	Load Type 2	Pile-head Load 2	Axial Loading kN	Pile-head Deflection meters	Pile-head Rotation radians	Max Shear in Pile kN	Max Moment in Pile kN-m
1	V, kN	500.0000	S, rad	0.00	3383.	0.00480	0.00	500.0000	-1851.
2	V, kN	463.0000	S, rad	0.00	3176.	0.00443	0.00	463.0000	-1712.
3	V, kN	350.0000	S, rad	0.00	2553.	0.00333	0.00	350.0000	-1290.
4	V, kN	484.0000	S, rad	0.00	3331.	0.00464	0.00	484.0000	-1791.

Maximum pile-head deflection = 0.0047969830 meters
Maximum pile-head rotation = 0.0000000000 radians = 0.000000 deg.

The analysis ended normally.

9.2.4 Pile – SLV

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LPile for Windows, Version 2022-12.001

Analysis of Individual Piles and Drilled Shafts
Subjected to Lateral Loading Using the p-y Method
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Problem Title

Project Name: Commessa 32758 - SPALLA SLV
Job Number:
Client:
Engineer:
Description:

Program Options and Settings

Computational Options:
- Conventional Analysis

Engineering Units Used for Data Input and Computations:
- International System Units (kilonewtons, meters, millimeters)

Analysis Control Options:
- Maximum number of iterations allowed = 500
- Deflection tolerance for convergence = 2.5400E-07 m
- Maximum allowable deflection = 2.5400 m
- Number of pile increments = 100

Loading Type and Number of Cycles of Loading:
- Cyclic loading specified
- Number of cycles of loading = 15 cycles
- Analysis uses p-y modification factors for p-y curves
- Analysis uses layering correction (Method of Georgiadis)
- No distributed lateral loads are entered
- Loading by lateral soil movements acting on pile not selected
- Input of shear resistance at the pile tip not selected
- Input of moment resistance at the pile tip not selected
- Computation of pile-head foundation stiffness matrix not selected
- Push-over analysis of pile not selected
- Buckling analysis of pile not selected

Output Options:
- Output files use decimal points to denote decimal symbols.
- Values of pile-head deflection, bending moment, shear force, and soil reaction are printed for full length of pile.
- Printing Increment (nodal spacing of output points) = 1
- p-y curves computed and reported at user-specified depths

- Print using wide report formats

Pile Structural Properties and Geometry

Number of pile sections defined = 1
Total length of pile = 33.000 m
Depth of ground surface below top of pile = -2.5000 m

Pile diameters used for p-y curve computations are defined using 2 points.

p-y curves are computed using pile diameter values interpolated with depth over the length of the pile. A summary of values of pile diameter vs. depth follows.

Point	Depth Below Pile Head meters	Pile Diameter millimeters
1	0.000	1500.00
2	33.000	1500.00

Input Structural Properties for Pile Sections:

Pile Section No. 1:

Section 1 is an elastic pile
Cross-sectional Shape = Circular Pile
Length of section = 33.000000 m
Width of top of section = 1.500000 m
Width of bottom of section = 1.500000 m
Top Area = 1.767146 sq. m
Bottom Area = 1.767146 sq. m
Moment of Inertia at Top = 0.248505 m^4
Moment of Inertia at Bottom = 0.248505 m^4
Elastic Modulus = 30000000. kPa

Soil and Rock Layering Information

The soil profile is modelled using 4 layers

Layer 1 is stiff clay without free water

Distance from top of pile to top of layer = -2.50000 m
Distance from top of pile to bottom of layer = 2.500000 m
Effective unit weight at top of layer = 19.000000 kN/m3
Effective unit weight at bottom of layer = 19.000000 kN/m3
Undrained cohesion at top of layer = 50.000000 kPa
Undrained cohesion at bottom of layer = 50.000000 kPa
Epsilon-50 at top of layer = 0.0000
Epsilon-50 at bottom of layer = 0.0000

NOTE: Default values for Epsilon-50 will be computed for this layer.

Layer 2 is stiff clay without free water

Distance from top of pile to top of layer = 2.500000 m
Distance from top of pile to bottom of layer = 6.500000 m
Effective unit weight at top of layer = 19.000000 kN/m3
Effective unit weight at bottom of layer = 19.000000 kN/m3
Undrained cohesion at top of layer = 200.000000 kPa
Undrained cohesion at bottom of layer = 200.000000 kPa
Epsilon-50 at top of layer = 0.0000
Epsilon-50 at bottom of layer = 0.0000

NOTE: Default values for Epsilon-50 will be computed for this layer.

Layer 3 is stiff clay without free water

Distance from top of pile to top of layer = 6.500000 m
Distance from top of pile to bottom of layer = 7.500000 m
Effective unit weight at top of layer = 9.000000 kN/m3
Effective unit weight at bottom of layer = 9.000000 kN/m3
Undrained cohesion at top of layer = 200.000000 kPa
Undrained cohesion at bottom of layer = 200.000000 kPa
Epsilon-50 at top of layer = 0.0000
Epsilon-50 at bottom of layer = 0.0000

NOTE: Default values for Epsilon-50 will be computed for this layer.

Layer 4 is stiff clay without free water

Distance from top of pile to top of layer = 7.500000 m
Distance from top of pile to bottom of layer = 47.500000 m
Effective unit weight at top of layer = 9.000000 kN/m3
Effective unit weight at bottom of layer = 9.000000 kN/m3
Undrained cohesion at top of layer = 300.000000 kPa
Undrained cohesion at bottom of layer = 300.000000 kPa
Epsilon-50 at top of layer = 0.0000
Epsilon-50 at bottom of layer = 0.0000

NOTE: Default values for Epsilon-50 will be computed for this layer.

(Depth of the lowest soil layer extends 14.500 m below the pile tip)

Summary of Input Soil Properties

Layer Num.	Soil Type Name (p-y Curve Type)	Layer Depth m	Effective Unit Wt. kN/m3	Cohesion kPa	E50 or krm
1	Stiff Clay w/o Free Water	-2.500	19.0000	50.0000	default
		2.5000	19.0000	50.0000	default
2	Stiff Clay w/o Free Water	2.5000	19.0000	200.0000	default
		6.5000	19.0000	200.0000	default
3	Stiff Clay w/o Free Water	6.5000	9.0000	200.0000	default
		7.5000	9.0000	200.0000	default
4	Stiff Clay w/o Free Water	7.5000	9.0000	300.0000	default
		47.5000	9.0000	300.0000	default

Modification Factors for p-y Curves

Distribution of p-y modifiers with depth defined using 2 points

Point No.	Depth X m	p-mult	y-mult
1	-2.500	0.2580	0.4520
2	37.500	0.2580	0.4520

Cyclic Loading Type

Cyclic loading criteria were used for computation of p-y curves for all analyses.

Number of cycles of loading = 15

Pile-head Loading and Pile-head Fixity Conditions

Number of loads specified = 2

Load No.	Load Type	Condition 1	Condition 2	Axial Thrust Force, kN	Compute Top y vs. Pile Length	Run Analysis
1	2	V = 394.000000 kN	S = 0.0000 m/m	4558.	No	Yes
2	2	V = 438.000000 kN	S = 0.0000 m/m	5277.	No	Yes

V = shear force applied normal to pile axis
M = bending moment applied to pile head
y = lateral deflection normal to pile axis
S = pile slope relative to original pile batter angle
R = rotational stiffness applied to pile head
Values of top y vs. pile lengths can be computed only for load types with
specified shear loading (Load Types 1, 2, and 3).
Thrust force is assumed to be acting axially for all pile batter angles.

Specified Depths for Output of p-y Curves

Lateral load-transfer (p-y) curves are computed and output at 1 depths.
(Note that load-transfer values are computeded at the specified depths and
may differ from values computed at nodal points)

Depth No.	Depth Below Pile Head m	Depth Below Ground Surface m
1	4.000	6.500

Depth of ground surface below top of pile = -2.5000 m

Computations of Nominal Moment Capacity and Nonlinear Bending Stiffness

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Axial thrust force values were determined from pile-head loading conditions

Number of Pile Sections Analyzed = 1

Pile Section No. 1:

Moment-curvature properties were derived from elastic section properties

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Layering Correction Equivalent Depths of Soil & Rock Layers

Layer No.	Top of Layer Below Pile Head meters	Equivalent Top Depth Below Grnd Surf meters	Same Layer Type As Layer Above	Layer is Rock or is Below Rock Layer	F0 Integral for Layer kN	F1 Integral for Layer kN
1	-2.500	0.00	N.A.	No	0.00	1802.
2	2.5000	1.7773	Yes	No	1802.	5536.
3	6.5000	5.7740	Yes	No	7339.	1703.
4	7.5000	5.0351	Yes	No	9041.	N.A.

Notes: The F0 integral of Layer n+1 equals the sum of the F0 and F1 integrals for Layer n. Layering correction equivalent depths are computed only for soil types with both shallow-depth and deep-depth expressions for peak lateral load transfer. These soil types are soft and stiff clays, non-liquefied sands, and cemented c-phi soil.

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p-y Curves Reported for Specified Depths

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p-y Curve Computed Using Cyclic Criteria for Stiff Clay without Free Water

Soil Layer Number = 2
Depth of p-y curve below pile head = 4.000 m
Depth of p-y curve below ground surface = 6.500 m
Depth of top of layer 2 below pile head = 2.500 m
Equiv. depth of p-y curve below ground surface = 3.277 m
Pile diameter = 1500.000 mm
Undrained cohesion = 200.000 kPa
Average effective unit weight = 19.00000 kN/m3
Epsilon-50 = 0.00400
Pct = 1321.130 kN/m
Pcd = 2700.000 kN/m
Pu = 1321.130 kN/m
y50 = 0.01500 m
p-multiplier = 0.25800
y-multiplier = 0.45200

Sloping Ground Factor = 1.000
Number of cycles of loading = 15. cycles

y, meters	p, kN/m
0.00000	0.00000
3.65490E-06	22.72344
0.00005848	45.44688
0.00029605	68.17033
0.00093565	90.89377
0.00228	113.61721
0.00474	136.34065
0.00878	159.06409
0.01497	181.78753
0.02398	204.51098
0.03655	227.23442
0.05351	249.95786
0.07579	272.68130
0.10439	295.40474
0.14041	318.12818
0.18503	340.85163
0.23129	340.85163

Computed Values of Pile Loading and Deflection
for Lateral Loading for Load Case Number 1

Pile-head conditions are Shear and Pile-head Rotation (Loading Type 2)

Shear force at pile head = 394.0 kN
Rotation of pile head = 0.000E+00 radians
Axial load at pile head = 4558.0 kN

(Zero slope for this load indicates fixed-head conditions)

Depth X meters	Deflect. y meters	Bending Moment kN-m	Shear Force kN	Slope S radians	Total Stress kPa*	Bending Stiffness kN-m^2	Soil Res. p kN/m	Soil Spr. Es*H kN/m	Distrib. Lat. Load kN/m
0.00	0.00136	-1153.	394.0000	0.00	6060.	7455147.	-23.570	2858.	0.00
0.3300	0.00135	-1025.	386.0369	-4.82E-05	5671.	7455147.	-24.691	6024.	0.00
0.6600	0.00133	-898.404	377.7162	-9.08E-05	5291.	7455147.	-25.737	6390.	0.00
0.9900	0.00129	-774.993	369.0634	-1.28E-04	4918.	7455147.	-26.704	6817.	0.00
1.3200	0.00124	-654.438	360.1053	-1.59E-04	4554.	7455147.	-27.588	7313.	0.00
1.6500	0.00119	-536.844	350.8698	-1.86E-04	4200.	7455147.	-28.385	7889.	0.00

1.9800	0.00112	-422.305	341.3860	-2.07E-04	3854.	7455147.	-29.092	8555.	0.00
2.3100	0.00105	-310.906	331.6843	-2.23E-04	3518.	7455147.	-29.706	9329.	0.00
2.6400	9.75E-04	-202.722	313.6331	-2.35E-04	3191.	7455147.	-79.695	26978.	0.00
2.9700	8.96E-04	-103.202	287.1318	-2.41E-04	2891.	7455147.	-80.918	29804.	0.00
3.3000	8.16E-04	-12.488	260.2737	-2.44E-04	2617.	7455147.	-81.858	33123.	0.00
3.6300	7.35E-04	69.3121	233.1539	-2.43E-04	2788.	7455147.	-82.504	37046.	0.00
3.9600	6.55E-04	142.1232	205.8714	-2.38E-04	3008.	7455147.	-82.844	41716.	0.00
4.2900	5.78E-04	205.9032	178.5292	-2.30E-04	3201.	7455147.	-82.866	47324.	0.00
4.6200	5.03E-04	260.6454	151.2347	-2.20E-04	3366.	7455147.	-82.555	54125.	0.00
4.9500	4.33E-04	306.3799	124.0999	-2.07E-04	3504.	7455147.	-81.898	62467.	0.00
5.2800	3.66E-04	343.1753	97.2420	-1.93E-04	3615.	7455147.	-80.877	72836.	0.00
5.6100	3.05E-04	371.1404	70.7844	-1.77E-04	3699.	7455147.	-79.472	85922.	0.00
5.9400	2.49E-04	390.4263	44.8573	-1.60E-04	3758.	7455147.	-77.661	102741.	0.00
6.2700	1.99E-04	401.2288	19.5997	-1.43E-04	3790.	7455147.	-75.415	124832.	0.00
6.6000	1.55E-04	403.7919	-4.829	-1.25E-04	3798.	7455147.	-72.637	154502.	0.00
6.9300	1.17E-04	398.4179	-28.244	-1.07E-04	3782.	7455147.	-69.269	195668.	0.00
7.2600	8.43E-05	385.4739	-50.451	-9.00E-05	3743.	7455147.	-65.324	255646.	0.00
7.5900	5.75E-05	365.3905	-73.990	-7.33E-05	3682.	7455147.	-77.332	444183.	0.00
7.9200	3.59E-05	336.8613	-98.380	-5.78E-05	3596.	7455147.	-70.486	647561.	0.00
8.2500	1.93E-05	300.6337	-120.213	-4.37E-05	3487.	7455147.	-61.835	1056864.	0.00
8.5800	7.09E-06	257.6522	-136.119	-3.13E-05	3357.	7455147.	-34.565	1609511.	0.00
8.9100	-1.37E-06	210.8894	-140.694	-2.10E-05	3216.	7455147.	6.8371	1646493.	0.00
9.2400	-6.75E-06	164.8572	-133.887	-1.26E-05	3077.	7455147.	34.4183	1683410.	0.00
9.5700	-9.72E-06	122.5621	-119.851	-6.28E-06	2949.	7455147.	50.6469	1720267.	0.00
9.9000	-1.09E-05	85.7743	-101.924	-1.67E-06	2838.	7455147.	58.0040	1757068.	0.00
10.2300	-1.08E-05	55.2975	-82.649	1.45E-06	2746.	7455147.	58.8113	1793819.	0.00
10.5600	-9.94E-06	31.2215	-63.851	3.36E-06	2674.	7455147.	55.1199	1830523.	0.00
10.8900	-8.60E-06	13.1460	-46.728	4.35E-06	2619.	7455147.	48.6505	1867184.	0.00
11.2200	-7.07E-06	0.3677	-31.973	4.65E-06	2580.	7455147.	40.7750	1903803.	0.00
11.5500	-5.53E-06	-7.970	-19.878	4.48E-06	2603.	7455147.	32.5276	1940386.	0.00
11.8800	-4.11E-06	-12.765	-10.446	4.02E-06	2618.	7455147.	24.6367	1976933.	0.00
12.2100	-2.88E-06	-14.877	-3.482	3.41E-06	2624.	7455147.	17.5689	2013448.	0.00
12.5400	-1.86E-06	-15.074	1.3270	2.74E-06	2625.	7455147.	11.5780	2049932.	0.00
12.8700	-1.07E-06	-14.009	4.3518	2.10E-06	2622.	7455147.	6.7545	2086388.	0.00
13.2000	-4.78E-07	-12.208	5.9732	1.52E-06	2616.	7455147.	3.0717	2122817.	0.00
13.5300	-6.50E-08	-10.072	6.5502	1.03E-06	2610.	7455147.	0.4252	2159222.	0.00
13.8600	2.00E-07	-7.888	6.4003	6.30E-07	2603.	7455147.	-1.333	2195602.	0.00
14.1900	3.51E-07	-5.849	5.7891	3.26E-07	2597.	7455147.	-2.371	2231961.	0.00
14.5200	4.15E-07	-4.068	4.9268	1.06E-07	2592.	7455147.	-2.855	2268298.	0.00
14.8500	4.21E-07	-2.598	3.9712	-4.14E-08	2587.	7455147.	-2.937	2304616.	0.00
15.1800	3.88E-07	-1.447	3.0324	-1.31E-07	2584.	7455147.	-2.752	2340915.	0.00
15.5100	3.34E-07	-0.596	2.1811	-1.76E-07	2581.	7455147.	-2.407	2377197.	0.00
15.8400	2.72E-07	-0.00713	1.4561	-1.90E-07	2579.	7455147.	-1.987	2413462.	0.00
16.1700	2.09E-07	0.3655	0.8722	-1.82E-07	2580.	7455147.	-1.552	2449712.	0.00
16.5000	1.52E-07	0.5690	0.4274	-1.61E-07	2581.	7455147.	-1.144	2485946.	0.00
16.8300	1.03E-07	0.6480	0.1089	-1.34E-07	2581.	7455147.	-0.786	2522167.	0.00
17.1600	6.34E-08	0.6413	-0.102	-1.05E-07	2581.	7455147.	-0.491	2558374.	0.00
17.4900	3.33E-08	0.5811	-0.226	-7.84E-08	2581.	7455147.	-0.262	2594568.	0.00
17.8200	1.17E-08	0.4923	-0.285	-5.46E-08	2581.	7455147.	-0.09289	2630750.	0.00
18.1500	-2.78E-09	0.3934	-0.296	-3.50E-08	2580.	7455147.	0.02248	2666921.	0.00

18.4800	-1.15E-08	0.2969	-0.277	-1.98E-08	2580.	7455147.	0.09346	2688788.	0.00
18.8100	-1.58E-08	0.2105	-0.240	-8.53E-09	2580.	7455147.	0.1289	2688788.	0.00
19.1400	-1.71E-08	0.1382	-0.196	-8.13E-10	2580.	7455147.	0.1393	2688788.	0.00
19.4700	-1.64E-08	0.08101	-0.151	4.04E-09	2580.	7455147.	0.1333	2688788.	0.00
19.8000	-1.44E-08	0.03836	-0.110	6.68E-09	2579.	7455147.	0.1176	2688788.	0.00
20.1300	-1.20E-08	0.00851	-0.07434	7.72E-09	2579.	7455147.	0.09737	2688788.	0.00
20.4600	-9.34E-09	-0.01073	-0.04572	7.67E-09	2579.	7455147.	0.07611	2688788.	0.00
20.7900	-6.89E-09	-0.02168	-0.02390	6.95E-09	2579.	7455147.	0.05613	2688788.	0.00
21.1200	-4.75E-09	-0.02652	-0.00825	5.88E-09	2579.	7455147.	0.03873	2688788.	0.00
21.4500	-3.01E-09	-0.02714	0.00218	4.70E-09	2579.	7455147.	0.02448	2688788.	0.00
21.7800	-1.65E-09	-0.02510	0.00845	3.54E-09	2579.	7455147.	0.01347	2688788.	0.00
22.1100	-6.68E-10	-0.02158	0.01157	2.51E-09	2579.	7455147.	0.00545	2688788.	0.00
22.4400	1.48E-12	-0.01747	0.01246	1.64E-09	2579.	7455147.	-1.21E-05	2688788.	0.00
22.7700	4.16E-10	-0.01336	0.01190	9.61E-10	2579.	7455147.	-0.00339	2688788.	0.00
23.1000	6.36E-10	-0.00962	0.01049	4.52E-10	2579.	7455147.	-0.00518	2688788.	0.00
23.4300	7.14E-10	-0.00644	0.00867	9.67E-11	2579.	7455147.	-0.00582	2688788.	0.00
23.7600	6.99E-10	-0.00389	0.00677	-1.32E-10	2579.	7455147.	-0.00570	2688788.	0.00
24.0900	6.27E-10	-0.00197	0.00499	-2.62E-10	2579.	7455147.	-0.00511	2688788.	0.00
24.4200	5.27E-10	-6.02E-04	0.00344	-3.19E-10	2579.	7455147.	-0.00429	2688788.	0.00
24.7500	4.17E-10	3.00E-04	0.00217	-3.25E-10	2579.	7455147.	-0.00340	2688788.	0.00
25.0800	3.12E-10	8.31E-04	0.00119	-3.00E-10	2579.	7455147.	-0.00254	2688788.	0.00
25.4100	2.19E-10	0.00109	4.76E-04	-2.58E-10	2579.	7455147.	-0.00178	2688788.	0.00
25.7400	1.41E-10	0.00115	-8.42E-06	-2.09E-10	2579.	7455147.	-0.00115	2688788.	0.00
26.0700	8.10E-11	0.00108	-3.08E-04	-1.59E-10	2579.	7455147.	-6.60E-04	2688788.	0.00
26.4000	3.63E-11	9.43E-04	-4.65E-04	-1.15E-10	2579.	7455147.	-2.96E-04	2688788.	0.00
26.7300	5.34E-12	7.74E-04	-5.21E-04	-7.66E-11	2579.	7455147.	-4.35E-05	2688788.	0.00
27.0600	-1.43E-11	5.99E-04	-5.09E-04	-4.62E-11	2579.	7455147.	1.16E-04	2688788.	0.00
27.3900	-2.52E-11	4.38E-04	-4.56E-04	-2.33E-11	2579.	7455147.	2.05E-04	2688788.	0.00
27.7200	-2.97E-11	2.98E-04	-3.82E-04	-7.00E-12	2579.	7455147.	2.42E-04	2688788.	0.00
28.0500	-2.98E-11	1.85E-04	-3.02E-04	3.71E-12	2579.	7455147.	2.43E-04	2688788.	0.00
28.3800	-2.72E-11	9.89E-05	-2.26E-04	1.00E-11	2579.	7455147.	2.22E-04	2688788.	0.00
28.7100	-2.32E-11	3.65E-05	-1.58E-04	1.30E-11	2579.	7455147.	1.89E-04	2688788.	0.00
29.0400	-1.86E-11	-5.34E-06	-1.02E-04	1.37E-11	2579.	7455147.	1.52E-04	2688788.	0.00
29.3700	-1.42E-11	-3.06E-05	-5.75E-05	1.29E-11	2579.	7455147.	1.15E-04	2688788.	0.00
29.7000	-1.01E-11	-4.33E-05	-2.48E-05	1.13E-11	2579.	7455147.	8.26E-05	2688788.	0.00
30.0300	-6.74E-12	-4.70E-05	-2.13E-06	9.25E-12	2579.	7455147.	5.49E-05	2688788.	0.00
30.3600	-4.03E-12	-4.48E-05	1.24E-05	7.22E-12	2579.	7455147.	3.28E-05	2688788.	0.00
30.6900	-1.97E-12	-3.89E-05	2.04E-05	5.37E-12	2579.	7455147.	1.61E-05	2688788.	0.00
31.0200	0.00	-3.13E-05	2.37E-05	3.82E-12	2579.	7455147.	3.95E-06	2688788.	0.00
31.3500	0.00	-2.33E-05	2.36E-05	2.61E-12	2579.	7455147.	-4.45E-06	2688788.	0.00
31.6800	1.24E-12	-1.57E-05	2.12E-05	1.75E-12	2579.	7455147.	-1.01E-05	2688788.	0.00
32.0100	1.70E-12	-9.24E-06	1.73E-05	1.20E-12	2579.	7455147.	-1.38E-05	2688788.	0.00
32.3400	2.03E-12	-4.28E-06	1.23E-05	0.00	2579.	7455147.	-1.65E-05	2688788.	0.00
32.6700	2.29E-12	-1.12E-06	6.49E-06	0.00	2579.	7455147.	-1.87E-05	2688788.	0.00
33.0000	2.54E-12	0.00	0.00	0.00	2579.	7455147.	-2.07E-05	1344394.	0.00

* The above values of total stress are combined axial and bending stresses.

Output Summary for Load Case No. 1:

Pile-head deflection = 0.00136099 meters
Computed slope at pile head = 0.000000 radians
Maximum bending moment = -1153. kN-m
Maximum shear force = 394.00000000 kN
Depth of maximum bending moment = 0.000000 meters below pile head
Depth of maximum shear force = 0.000000 meters below pile head
Number of iterations = 19
Number of zero deflection points = 6

Computed Values of Pile Loading and Deflection
for Lateral Loading for Load Case Number 2

Pile-head conditions are Shear and Pile-head Rotation (Loading Type 2)

Shear force at pile head = 438.0 kN
Rotation of pile head = 0.000E+00 radians
Axial load at pile head = 5277.0 kN

(Zero slope for this load indicates fixed-head conditions)

Depth X meters	Deflect. y meters	Bending Moment kN-m	Shear Force kN	Slope S radians	Total Stress kPa*	Bending Stiffness kN-m^2	Soil Res. p kN/m	Soil Spr. Es*H kN/m	Distrib. Lat. Load kN/m
0.00	0.00166	-1324.	438.0000	0.00	6981.	7455147.	-24.774	2460.	0.00
0.3300	0.00165	-1180.	429.6297	-5.54E-05	6549.	7455147.	-25.955	5186.	0.00
0.6600	0.00162	-1040.	420.8819	-1.05E-04	6125.	7455147.	-27.061	5496.	0.00
0.9900	0.00158	-902.273	411.7821	-1.48E-04	5709.	7455147.	-28.089	5857.	0.00
1.3200	0.00153	-767.623	402.3568	-1.85E-04	5303.	7455147.	-29.034	6273.	0.00
1.6500	0.00146	-636.075	392.6336	-2.16E-04	4906.	7455147.	-29.894	6752.	0.00
1.9800	0.00139	-507.734	382.6417	-2.41E-04	4519.	7455147.	-30.663	7305.	0.00
2.3100	0.00130	-382.693	372.4113	-2.61E-04	4141.	7455147.	-31.339	7943.	0.00
2.6400	0.00121	-261.035	353.3522	-2.75E-04	3774.	7455147.	-84.170	22895.	0.00
2.9700	0.00112	-148.523	325.3452	-2.84E-04	3434.	7455147.	-85.569	25199.	0.00
3.3000	0.00103	-45.318	296.9233	-2.88E-04	3123.	7455147.	-86.685	27886.	0.00
3.6300	9.30E-04	48.4501	268.1813	-2.88E-04	3132.	7455147.	-87.509	31039.	0.00
3.9600	8.36E-04	132.6850	239.2177	-2.84E-04	3387.	7455147.	-88.028	34763.	0.00
4.2900	7.43E-04	207.3233	210.1351	-2.77E-04	3612.	7455147.	-88.230	39195.	0.00
4.6200	6.53E-04	272.3374	181.0400	-2.66E-04	3808.	7455147.	-88.103	44517.	0.00
4.9500	5.67E-04	327.7361	152.0439	-2.53E-04	3975.	7455147.	-87.631	50975.	0.00
5.2800	4.86E-04	373.5665	123.2629	-2.37E-04	4114.	7455147.	-86.799	58900.	0.00
5.6100	4.11E-04	409.9157	94.8190	-2.20E-04	4223.	7455147.	-85.589	68759.	0.00
5.9400	3.41E-04	436.9127	66.8404	-2.01E-04	4305.	7455147.	-83.979	81218.	0.00
6.2700	2.78E-04	454.7307	39.4629	-1.81E-04	4359.	7455147.	-81.945	97255.	0.00
6.6000	2.22E-04	463.5898	12.8426	-1.61E-04	4385.	7455147.	-79.390	118266.	0.00

6.9300	1.72E-04	463.7677	-12.840	-1.41E-04	4386.	7455147.	-76.263	146517.	0.00
7.2600	1.29E-04	455.6047	-37.403	-1.20E-04	4361.	7455147.	-72.604	186039.	0.00
7.5900	9.25E-05	439.5000	-63.751	-1.00E-04	4313.	7455147.	-87.077	310787.	0.00
7.9200	6.26E-05	413.8787	-91.474	-8.15E-05	4235.	7455147.	-80.942	427000.	0.00
8.2500	3.87E-05	379.4109	-116.962	-6.39E-05	4131.	7455147.	-73.529	627080.	0.00
8.5800	2.04E-05	336.9065	-139.676	-4.81E-05	4003.	7455147.	-64.130	1038595.	0.00
8.9100	6.98E-06	287.3924	-156.003	-3.42E-05	3854.	7455147.	-34.825	1646493.	0.00
9.2400	-2.22E-06	234.0636	-159.882	-2.27E-05	3693.	7455147.	11.3185	1683410.	0.00
9.5700	-8.00E-06	181.9493	-151.135	-1.35E-05	3535.	7455147.	41.6950	1720267.	0.00
9.9000	-1.11E-05	134.3616	-134.486	-6.49E-06	3392.	7455147.	59.2090	1757068.	0.00
10.2300	-1.23E-05	93.2114	-113.703	-1.45E-06	3267.	7455147.	66.7483	1793819.	0.00
10.5600	-1.21E-05	59.3230	-91.636	1.93E-06	3165.	7455147.	66.9912	1830523.	0.00
10.8900	-1.10E-05	32.7252	-70.305	3.96E-06	3085.	7455147.	62.2845	1867184.	0.00
11.2200	-9.46E-06	12.9078	-51.022	4.97E-06	3025.	7455147.	54.5812	1903803.	0.00
11.5500	-7.73E-06	-0.967	-34.521	5.24E-06	2989.	7455147.	45.4250	1940386.	0.00
11.8800	-6.00E-06	-9.894	-21.091	5.00E-06	3016.	7455147.	35.9680	1976933.	0.00
12.2100	-4.43E-06	-14.904	-10.700	4.45E-06	3031.	7455147.	27.0112	2013448.	0.00
12.5400	-3.07E-06	-16.972	-3.098	3.74E-06	3037.	7455147.	19.0575	2049932.	0.00
12.8700	-1.96E-06	-16.962	2.0872	2.99E-06	3037.	7455147.	12.3705	2086388.	0.00
13.2000	-1.09E-06	-15.605	5.2885	2.27E-06	3033.	7455147.	7.0318	2122817.	0.00
13.5300	-4.58E-07	-13.480	6.9428	1.63E-06	3027.	7455147.	2.9940	2159222.	0.00
13.8600	-1.89E-08	-11.028	7.4576	1.09E-06	3019.	7455147.	0.1260	2195602.	0.00
14.1900	2.59E-07	-8.562	7.1898	6.52E-07	3012.	7455147.	-1.749	2231961.	0.00
14.5200	4.11E-07	-6.285	6.4349	3.23E-07	3005.	7455147.	-2.826	2268298.	0.00
14.8500	4.72E-07	-4.316	5.4250	8.84E-08	2999.	7455147.	-3.295	2304616.	0.00
15.1800	4.69E-07	-2.705	4.3320	-6.70E-08	2994.	7455147.	-3.330	2340915.	0.00
15.5100	4.28E-07	-1.456	3.2744	-1.59E-07	2991.	7455147.	-3.080	2377197.	0.00
15.8400	3.64E-07	-0.543	2.3265	-2.03E-07	2988.	7455147.	-2.665	2413462.	0.00
16.1700	2.93E-07	0.07972	1.5276	-2.14E-07	2986.	7455147.	-2.177	2449712.	0.00
16.5000	2.23E-07	0.4656	0.8907	-2.02E-07	2988.	7455147.	-1.683	2485946.	0.00
16.8300	1.60E-07	0.6683	0.4110	-1.76E-07	2988.	7455147.	-1.225	2522167.	0.00
17.1600	1.07E-07	0.7375	0.07215	-1.45E-07	2988.	7455147.	-0.829	2558374.	0.00
17.4900	6.43E-08	0.7164	-0.148	-1.13E-07	2988.	7455147.	-0.506	2594568.	0.00
17.8200	3.22E-08	0.6402	-0.274	-8.32E-08	2988.	7455147.	-0.256	2630750.	0.00
18.1500	9.40E-09	0.5360	-0.329	-5.71E-08	2988.	7455147.	-0.07594	2666921.	0.00
18.4800	-5.55E-09	0.4236	-0.334	-3.59E-08	2987.	7455147.	0.04518	2688788.	0.00
18.8100	-1.43E-08	0.3160	-0.307	-1.95E-08	2987.	7455147.	0.1165	2688788.	0.00
19.1400	-1.84E-08	0.2210	-0.263	-7.65E-09	2987.	7455147.	0.1503	2688788.	0.00
19.4700	-1.94E-08	0.1425	-0.212	3.90E-10	2987.	7455147.	0.1577	2688788.	0.00
19.8000	-1.82E-08	0.08104	-0.162	5.34E-09	2986.	7455147.	0.1482	2688788.	0.00
20.1300	-1.58E-08	0.03575	-0.116	7.92E-09	2986.	7455147.	0.1290	2688788.	0.00
20.4600	-1.30E-08	0.00450	-0.07722	8.81E-09	2986.	7455147.	0.1056	2688788.	0.00
20.7900	-1.00E-08	-0.01525	-0.04634	8.57E-09	2986.	7455147.	0.08160	2688788.	0.00
21.1200	-7.30E-09	-0.02611	-0.02307	7.66E-09	2986.	7455147.	0.05945	2688788.	0.00
21.4500	-4.96E-09	-0.03050	-0.00659	6.41E-09	2986.	7455147.	0.04041	2688788.	0.00
21.7800	-3.07E-09	-0.03048	0.00420	5.06E-09	2986.	7455147.	0.02500	2688788.	0.00
22.1100	-1.62E-09	-0.02774	0.01051	3.77E-09	2986.	7455147.	0.01322	2688788.	0.00
22.4400	-5.82E-10	-0.02356	0.01347	2.63E-09	2986.	7455147.	0.00474	2688788.	0.00
22.7700	1.15E-10	-0.01886	0.01410	1.69E-09	2986.	7455147.	-9.35E-04	2688788.	0.00
23.1000	5.36E-10	-0.01426	0.01323	9.60E-10	2986.	7455147.	-0.00436	2688788.	0.00

23.4300	7.48E-10	-0.01013	0.01150	4.20E-10	2986.	7455147.	-0.00610	2688788.	0.00
23.7600	8.13E-10	-0.00667	0.00940	4.83E-11	2986.	7455147.	-0.00662	2688788.	0.00
24.0900	7.80E-10	-0.00393	0.00726	-1.86E-10	2986.	7455147.	-0.00636	2688788.	0.00
24.4200	6.90E-10	-0.00188	0.00528	-3.15E-10	2986.	7455147.	-0.00562	2688788.	0.00
24.7500	5.72E-10	-4.43E-04	0.00359	-3.66E-10	2986.	7455147.	-0.00466	2688788.	0.00
25.0800	4.48E-10	4.87E-04	0.00221	-3.65E-10	2986.	7455147.	-0.00365	2688788.	0.00
25.4100	3.31E-10	0.00102	0.00117	-3.32E-10	2986.	7455147.	-0.00270	2688788.	0.00
25.7400	2.29E-10	0.00126	4.12E-04	-2.82E-10	2986.	7455147.	-0.00187	2688788.	0.00
26.0700	1.45E-10	0.00129	-9.13E-05	-2.25E-10	2986.	7455147.	-0.00118	2688788.	0.00
26.4000	8.04E-11	0.00120	-3.95E-04	-1.70E-10	2986.	7455147.	-6.55E-04	2688788.	0.00
26.7300	3.30E-11	0.00103	-5.47E-04	-1.21E-10	2986.	7455147.	-2.69E-04	2688788.	0.00
27.0600	0.00	8.37E-04	-5.93E-04	-7.94E-11	2986.	7455147.	-6.05E-06	2688788.	0.00
27.3900	-1.93E-11	6.41E-04	-5.68E-04	-4.66E-11	2986.	7455147.	1.58E-04	2688788.	0.00
27.7200	-3.00E-11	4.63E-04	-5.01E-04	-2.22E-11	2986.	7455147.	2.45E-04	2688788.	0.00
28.0500	-3.40E-11	3.10E-04	-4.15E-04	-5.11E-12	2986.	7455147.	2.77E-04	2688788.	0.00
28.3800	-3.34E-11	1.88E-04	-3.25E-04	5.92E-12	2986.	7455147.	2.72E-04	2688788.	0.00
28.7100	-3.01E-11	9.61E-05	-2.39E-04	1.22E-11	2986.	7455147.	2.45E-04	2688788.	0.00
29.0400	-2.54E-11	3.04E-05	-1.65E-04	1.50E-11	2986.	7455147.	2.07E-04	2688788.	0.00
29.3700	-2.02E-11	-1.28E-05	-1.04E-04	1.54E-11	2986.	7455147.	1.64E-04	2688788.	0.00
29.7000	-1.52E-11	-3.80E-05	-5.60E-05	1.43E-11	2986.	7455147.	1.24E-04	2688788.	0.00
30.0300	-1.07E-11	-4.98E-05	-2.12E-05	1.23E-11	2986.	7455147.	8.76E-05	2688788.	0.00
30.3600	-7.04E-12	-5.20E-05	2.75E-06	1.01E-11	2986.	7455147.	5.74E-05	2688788.	0.00
30.6900	-4.09E-12	-4.80E-05	1.77E-05	7.88E-12	2986.	7455147.	3.33E-05	2688788.	0.00
31.0200	-1.84E-12	-4.04E-05	2.57E-05	5.92E-12	2986.	7455147.	1.50E-05	2688788.	0.00
31.3500	0.00	-3.11E-05	2.84E-05	4.34E-12	2986.	7455147.	1.49E-06	2688788.	0.00
31.6800	1.02E-12	-2.16E-05	2.73E-05	3.17E-12	2986.	7455147.	-8.33E-06	2688788.	0.00
32.0100	1.91E-12	-1.31E-05	2.33E-05	2.41E-12	2986.	7455147.	-1.56E-05	2688788.	0.00
32.3400	2.61E-12	-6.22E-06	1.73E-05	1.98E-12	2986.	7455147.	-2.13E-05	2688788.	0.00
32.6700	3.22E-12	-1.68E-06	9.43E-06	1.80E-12	2986.	7455147.	-2.62E-05	2688788.	0.00
33.0000	3.80E-12	0.00	0.00	1.77E-12	2986.	7455147.	-3.10E-05	1344394.	0.00

* The above values of total stress are combined axial and bending stresses.

Output Summary for Load Case No. 2:

Pile-head deflection = 0.00166142 meters
Computed slope at pile head = 0.000000 radians
Maximum bending moment = -1324. kN-m
Maximum shear force = 438.00000000 kN
Depth of maximum bending moment = 0.000000 meters below pile head
Depth of maximum shear force = 0.000000 meters below pile head
Number of iterations = 20
Number of zero deflection points = 6

Summary of Pile-head Responses for Conventional Analyses

Definitions of Pile-head Loading Conditions:

Load Type 1: Load 1 = Shear, V, kN, and Load 2 = Moment, M, kN-m
Load Type 2: Load 1 = Shear, V, kN, and Load 2 = Slope, S, radians
Load Type 3: Load 1 = Shear, V, kN, and Load 2 = Rot. Stiffness, R, kN-m/rad.
Load Type 4: Load 1 = Top Deflection, y, m, and Load 2 = Moment, M, kN-m
Load Type 5: Load 1 = Top Deflection, y, m, and Load 2 = Slope, S, radians

Load Case No.	Load Type 1	Pile-head Load 1	Load Type 2	Pile-head Load 2	Axial Loading kN	Pile-head Deflection meters	Pile-head Rotation radians	Max Shear in Pile kN	Max Moment in Pile kN-m
1	V, kN	394.0000	S, rad	0.00	4558.	0.00136	0.00	394.0000	-1153.
2	V, kN	438.0000	S, rad	0.00	5277.	0.00166	0.00	438.0000	-1324.

Maximum pile-head deflection = 0.0016614188 meters
Maximum pile-head rotation = 0.0000000000 radians = 0.000000 deg.

The analysis ended normally.

9.2.5 Pile – SLU

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LPile for Windows, Version 2022-12.001

Analysis of Individual Piles and Drilled Shafts
Subjected to Lateral Loading Using the p-y Method
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Problem Title

Project Name: Commessa 32758 - SPALLA SLU
Job Number:
Client:
Engineer:
Description:

Program Options and Settings

Computational Options:
- Conventional Analysis

Engineering Units Used for Data Input and Computations:
- International System Units (kilonewtons, meters, millimeters)

Analysis Control Options:
- Maximum number of iterations allowed = 500
- Deflection tolerance for convergence = 2.5400E-07 m
- Maximum allowable deflection = 2.5400 m
- Number of pile increments = 100

Loading Type and Number of Cycles of Loading:
- Static loading specified

- Analysis uses p-y modification factors for p-y curves
- Analysis uses layering correction (Method of Georgiadis)
- No distributed lateral loads are entered
- Loading by lateral soil movements acting on pile not selected
- Input of shear resistance at the pile tip not selected
- Input of moment resistance at the pile tip not selected
- Computation of pile-head foundation stiffness matrix not selected
- Push-over analysis of pile not selected
- Buckling analysis of pile not selected

Output Options:
- Output files use decimal points to denote decimal symbols.
- Values of pile-head deflection, bending moment, shear force, and soil reaction are printed for full length of pile.
- Printing Increment (nodal spacing of output points) = 1
- No p-y curves to be computed and reported for user-specified depths
- Print using wide report formats

Pile Structural Properties and Geometry

Number of pile sections defined = 1
Total length of pile = 33.000 m
Depth of ground surface below top of pile = -2.5000 m

Pile diameters used for p-y curve computations are defined using 2 points.

p-y curves are computed using pile diameter values interpolated with depth over the length of the pile. A summary of values of pile diameter vs. depth follows.

Point	Depth Below Pile Head meters	Pile Diameter millimeters
1	0.000	1500.00
2	33.000	1500.00

Input Structural Properties for Pile Sections:

Pile Section No. 1:

Section 1 is an elastic pile
Cross-sectional Shape = Circular Pile
Length of section = 33.000000 m
Width of top of section = 1.500000 m
Width of bottom of section = 1.500000 m
Top Area = 1.767146 sq. m
Bottom Area = 1.767146 sq. m
Moment of Inertia at Top = 0.248505 m^4
Moment of Inertia at Bottom = 0.248505 m^4
Elastic Modulus = 30000000. kPa

Soil and Rock Layering Information

The soil profile is modelled using 4 layers

Layer 1 is sand, p-y criteria by API RP-2A, 1987

Distance from top of pile to top of layer = -2.50000 m
Distance from top of pile to bottom of layer = 2.500000 m

Effective unit weight at top of layer = 19.000000 kN/m3
Effective unit weight at bottom of layer = 19.000000 kN/m3
Friction angle at top of layer = 22.000000 deg.
Friction angle at bottom of layer = 22.000000 deg.
Subgrade k at top of layer = 5400. kN/m3
Subgrade k at bottom of layer = 5400. kN/m3

Layer 2 is sand, p-y criteria by API RP-2A, 1987

Distance from top of pile to top of layer = 2.500000 m
Distance from top of pile to bottom of layer = 6.500000 m
Effective unit weight at top of layer = 19.000000 kN/m3
Effective unit weight at bottom of layer = 19.000000 kN/m3
Friction angle at top of layer = 24.000000 deg.
Friction angle at bottom of layer = 24.000000 deg.
Subgrade k at top of layer = 5400. kN/m3
Subgrade k at bottom of layer = 5400. kN/m3

Layer 3 is sand, p-y criteria by API RP-2A, 1987

Distance from top of pile to top of layer = 6.500000 m
Distance from top of pile to bottom of layer = 7.500000 m
Effective unit weight at top of layer = 9.000000 kN/m3
Effective unit weight at bottom of layer = 9.000000 kN/m3
Friction angle at top of layer = 24.000000 deg.
Friction angle at bottom of layer = 24.000000 deg.
Subgrade k at top of layer = 5400. kN/m3
Subgrade k at bottom of layer = 5400. kN/m3

Layer 4 is sand, p-y criteria by API RP-2A, 1987

Distance from top of pile to top of layer = 7.500000 m
Distance from top of pile to bottom of layer = 47.500000 m
Effective unit weight at top of layer = 9.000000 kN/m3
Effective unit weight at bottom of layer = 9.000000 kN/m3
Friction angle at top of layer = 24.000000 deg.
Friction angle at bottom of layer = 24.000000 deg.
Subgrade k at top of layer = 5400. kN/m3
Subgrade k at bottom of layer = 5400. kN/m3

(Depth of the lowest soil layer extends 14.500 m below the pile tip)

Summary of Input Soil Properties

Layer Num.	Soil Type Name (p-y Curve Type)	Layer Depth m	Effective Unit Wt. kN/m3	Angle of Friction deg.	kpy kN/m3
1	API	-2.500	19.0000	22.0000	5400.
	Sand	2.5000	19.0000	22.0000	5400.
2	API	2.5000	19.0000	24.0000	5400.
	Sand	6.5000	19.0000	24.0000	5400.
3	API	6.5000	9.0000	24.0000	5400.
	Sand	7.5000	9.0000	24.0000	5400.
4	API	7.5000	9.0000	24.0000	5400.
	Sand	47.5000	9.0000	24.0000	5400.

Modification Factors for p-y Curves

Distribution of p-y modifiers with depth defined using 2 points

Point No.	Depth X m	p-mult	y-mult
1	-2.500	0.2580	0.4520
2	47.500	0.2580	0.4520

Static Loading Type

Static loading criteria were used when computing p-y curves for all analyses.

Pile-head Loading and Pile-head Fixity Conditions

Number of loads specified = 2

Load No.	Load Type	Condition 1	Condition 2	Axial Thrust Force, kN	Compute Top y vs. Pile Length	Run Analysis
1	2	V = 176.000000 kN	S = 0.0000 m/m	5435.	No	Yes
2	2	V = 210.000000 kN	S = 0.0000 m/m	5814.	No	Yes

V = shear force applied normal to pile axis
M = bending moment applied to pile head
y = lateral deflection normal to pile axis
S = pile slope relative to original pile batter angle
R = rotational stiffness applied to pile head
Values of top y vs. pile lengths can be computed only for load types with
specified shear loading (Load Types 1, 2, and 3).
Thrust force is assumed to be acting axially for all pile batter angles.

Computations of Nominal Moment Capacity and Nonlinear Bending Stiffness
---

Axial thrust force values were determined from pile-head loading conditions

Number of Pile Sections Analyzed = 1

Pile Section No. 1:

Moment-curvature properties were derived from elastic section properties

---
Layering Correction Equivalent Depths of Soil & Rock Layers

Layer No.	Top of Layer Below Pile Head meters	Equivalent Top Depth Below Grnd Surf meters	Same Layer Type As Layer Above	Layer is Rock or is Below Rock Layer	F0 Integral for Layer kN	F1 Integral for Layer kN
1	-2.500	0.00	N.A.	No	0.00	1671.
2	2.5000	4.5981	Yes	No	1671.	4727.
3	6.5000	8.5978	Yes	No	6397.	1971.
4	7.5000	9.7777	Yes	No	8368.	N.A.

Notes: The F0 integral of Layer n+1 equals the sum of the F0 and F1 integrals
for Layer n. Layering correction equivalent depths are computed only
for soil types with both shallow-depth and deep-depth expressions for
peak lateral load transfer. These soil types are soft and stiff clays,
non-liquefied sands, and cemented c-phi soil.

Computed Values of Pile Loading and Deflection
for Lateral Loading for Load Case Number 1

Pile-head conditions are Shear and Pile-head Rotation (Loading Type 2)

Shear force at pile head = 176.0 kN
Rotation of pile head = 0.000E+00 radians
Axial load at pile head = 5435.0 kN

(Zero slope for this load indicates fixed-head conditions)

Depth X meters	Deflect. y meters	Bending Moment kN-m	Shear Force kN	Slope S radians	Total Stress kPa*	Bending Stiffness kN-m^2	Soil Res. p kN/m	Soil Spr. Es*H kN/m	Distrib. Lat. Load kN/m
0.00	0.00161	-639.929	176.0000	0.00	5007.	7455147.	-12.353	1265.	0.00
0.3300	0.00161	-582.496	171.6622	-2.71E-05	4834.	7455147.	-13.936	2862.	0.00
0.6600	0.00159	-526.535	166.8181	-5.16E-05	4665.	7455147.	-15.422	3194.	0.00
0.9900	0.00157	-472.211	161.5027	-7.37E-05	4501.	7455147.	-16.792	3524.	0.00
1.3200	0.00154	-419.679	155.7576	-9.34E-05	4342.	7455147.	-18.026	3851.	0.00
1.6500	0.00151	-369.076	149.6227	-1.11E-04	4189.	7455147.	-19.155	4184.	0.00
1.9800	0.00147	-320.530	143.1351	-1.26E-04	4043.	7455147.	-20.164	4522.	0.00
2.3100	0.00143	-274.154	136.3388	-1.39E-04	3903.	7455147.	-21.025	4860.	0.00
2.6400	0.00138	-230.046	129.2826	-1.50E-04	3770.	7455147.	-21.740	5200.	0.00
2.9700	0.00133	-188.288	122.0171	-1.60E-04	3644.	7455147.	-22.294	5539.	0.00
3.3000	0.00127	-148.942	114.5943	-1.67E-04	3525.	7455147.	-22.693	5877.	0.00
3.6300	0.00122	-112.056	107.0651	-1.73E-04	3414.	7455147.	-22.939	6215.	0.00
3.9600	0.00116	-77.659	99.4791	-1.77E-04	3310.	7455147.	-23.037	6553.	0.00
4.2900	0.00110	-45.764	91.8843	-1.80E-04	3214.	7455147.	-22.992	6891.	0.00
4.6200	0.00104	-16.370	84.3269	-1.81E-04	3125.	7455147.	-22.811	7229.	0.00
4.9500	9.81E-04	10.5420	76.8505	-1.81E-04	3107.	7455147.	-22.501	7566.	0.00
5.2800	9.22E-04	35.0025	69.4960	-1.80E-04	3181.	7455147.	-22.072	7904.	0.00
5.6100	8.62E-04	57.0565	62.3011	-1.78E-04	3248.	7455147.	-21.533	8241.	0.00
5.9400	8.04E-04	76.7611	55.3006	-1.75E-04	3307.	7455147.	-20.894	8578.	0.00
6.2700	7.47E-04	94.1842	48.5256	-1.72E-04	3360.	7455147.	-20.166	8915.	0.00
6.6000	6.91E-04	109.4037	42.0039	-1.67E-04	3406.	7455147.	-19.359	9251.	0.00
6.9300	6.36E-04	122.5062	35.7598	-1.62E-04	3445.	7455147.	-18.484	9587.	0.00
7.2600	5.84E-04	133.5862	29.8139	-1.56E-04	3479.	7455147.	-17.552	9924.	0.00
7.5900	5.33E-04	142.7442	24.1833	-1.50E-04	3506.	7455147.	-16.573	10260.	0.00
7.9200	4.85E-04	150.0860	18.8817	-1.44E-04	3529.	7455147.	-15.558	10596.	0.00
8.2500	4.38E-04	155.7217	13.9194	-1.37E-04	3546.	7455147.	-14.516	10932.	0.00
8.5800	3.94E-04	159.7641	9.3036	-1.30E-04	3558.	7455147.	-13.458	11268.	0.00
8.9100	3.52E-04	162.3283	5.0383	-1.23E-04	3565.	7455147.	-12.392	11604.	0.00
9.2400	3.13E-04	163.5300	1.1246	-1.16E-04	3569.	7455147.	-11.327	11940.	0.00
9.5700	2.76E-04	163.4853	-2.439	-1.08E-04	3569.	7455147.	-10.271	12276.	0.00
9.9000	2.42E-04	162.3091	-5.657	-1.01E-04	3565.	7455147.	-9.230	12612.	0.00
10.2300	2.09E-04	160.1149	-8.535	-9.40E-05	3559.	7455147.	-8.212	12948.	0.00
10.5600	1.79E-04	157.0136	-11.081	-8.70E-05	3549.	7455147.	-7.223	13284.	0.00

10.8900	1.52E-04	153.1134	-13.307	-8.02E-05	3538.	7455147.	-6.267	13620.	0.00
11.2200	1.27E-04	148.5184	-15.224	-7.35E-05	3524.	7455147.	-5.351	13955.	0.00
11.5500	1.03E-04	143.3290	-16.846	-6.70E-05	3508.	7455147.	-4.476	14291.	0.00
11.8800	8.23E-05	137.6408	-18.186	-6.08E-05	3491.	7455147.	-3.647	14627.	0.00
12.2100	6.32E-05	131.5445	-19.261	-5.49E-05	3473.	7455147.	-2.866	14962.	0.00
12.5400	4.61E-05	125.1255	-20.086	-4.92E-05	3453.	7455147.	-2.136	15298.	0.00
12.8700	3.08E-05	118.4641	-20.679	-4.38E-05	3433.	7455147.	-1.457	15634.	0.00
13.2000	1.72E-05	111.6345	-21.057	-3.87E-05	3412.	7455147.	-0.831	15969.	0.00
13.5300	5.23E-06	104.7055	-21.236	-3.39E-05	3392.	7455147.	-0.258	16305.	0.00
13.8600	-5.19E-06	97.7400	-21.236	-2.94E-05	3371.	7455147.	0.2619	16641.	0.00
14.1900	-1.42E-05	90.7953	-21.072	-2.52E-05	3350.	7455147.	0.7300	16976.	0.00
14.5200	-2.19E-05	83.9229	-20.763	-2.14E-05	3329.	7455147.	1.1467	17312.	0.00
14.8500	-2.83E-05	77.1687	-20.324	-1.78E-05	3308.	7455147.	1.5135	17648.	0.00
15.1800	-3.36E-05	70.5732	-19.772	-1.45E-05	3289.	7455147.	1.8320	17983.	0.00
15.5100	-3.79E-05	64.1717	-19.122	-1.16E-05	3269.	7455147.	2.1041	18319.	0.00
15.8400	-4.13E-05	57.9941	-18.390	-8.86E-06	3251.	7455147.	2.3319	18655.	0.00
16.1700	-4.38E-05	52.0659	-17.590	-6.43E-06	3233.	7455147.	2.5178	18990.	0.00
16.5000	-4.55E-05	46.4078	-16.735	-4.25E-06	3216.	7455147.	2.6642	19326.	0.00
16.8300	-4.66E-05	41.0360	-15.838	-2.31E-06	3199.	7455147.	2.7737	19662.	0.00
17.1600	-4.70E-05	35.9631	-14.910	-6.06E-07	3184.	7455147.	2.8491	19997.	0.00
17.4900	-4.70E-05	31.1976	-13.963	8.80E-07	3170.	7455147.	2.8931	20333.	0.00
17.8200	-4.64E-05	26.7447	-13.005	2.16E-06	3156.	7455147.	2.9084	20669.	0.00
18.1500	-4.55E-05	22.6064	-12.047	3.25E-06	3144.	7455147.	2.8978	21004.	0.00
18.4800	-4.43E-05	18.7818	-11.097	4.17E-06	3132.	7455147.	2.8639	21340.	0.00
18.8100	-4.28E-05	15.2677	-10.160	4.92E-06	3122.	7455147.	2.8096	21676.	0.00
19.1400	-4.10E-05	12.0582	-9.245	5.53E-06	3112.	7455147.	2.7372	22011.	0.00
19.4700	-3.91E-05	9.1460	-8.356	6.00E-06	3103.	7455147.	2.6495	22347.	0.00
19.8000	-3.71E-05	6.5215	-7.499	6.35E-06	3095.	7455147.	2.5486	22683.	0.00
20.1300	-3.49E-05	4.1740	-6.676	6.58E-06	3088.	7455147.	2.4369	23018.	0.00
20.4600	-3.27E-05	2.0916	-5.892	6.72E-06	3082.	7455147.	2.3166	23354.	0.00
20.7900	-3.05E-05	0.2613	-5.148	6.77E-06	3076.	7455147.	2.1896	23690.	0.00
21.1200	-2.83E-05	-1.331	-4.447	6.75E-06	3080.	7455147.	2.0578	24025.	0.00
21.4500	-2.60E-05	-2.698	-3.791	6.66E-06	3084.	7455147.	1.9228	24361.	0.00
21.7800	-2.39E-05	-3.856	-3.179	6.51E-06	3087.	7455147.	1.7863	24697.	0.00
22.1100	-2.17E-05	-4.820	-2.612	6.32E-06	3090.	7455147.	1.6496	25032.	0.00
22.4400	-1.97E-05	-5.603	-2.090	6.09E-06	3092.	7455147.	1.5141	25368.	0.00
22.7700	-1.77E-05	-6.221	-1.612	5.83E-06	3094.	7455147.	1.3807	25704.	0.00
23.1000	-1.58E-05	-6.688	-1.178	5.54E-06	3096.	7455147.	1.2505	26039.	0.00
23.4300	-1.41E-05	-7.018	-0.786	5.24E-06	3097.	7455147.	1.1243	26375.	0.00
23.7600	-1.24E-05	-7.225	-0.435	4.93E-06	3097.	7455147.	1.0027	26711.	0.00
24.0900	-1.08E-05	-7.323	-0.123	4.60E-06	3098.	7455147.	0.8864	27046.	0.00
24.4200	-9.35E-06	-7.323	0.1508	4.28E-06	3098.	7455147.	0.7758	27382.	0.00
24.7500	-7.99E-06	-7.239	0.3896	3.96E-06	3097.	7455147.	0.6712	27718.	0.00
25.0800	-6.74E-06	-7.080	0.5948	3.64E-06	3097.	7455147.	0.5728	28053.	0.00
25.4100	-5.59E-06	-6.859	0.7686	3.33E-06	3096.	7455147.	0.4807	28389.	0.00
25.7400	-4.54E-06	-6.585	0.9131	3.03E-06	3095.	7455147.	0.3950	28725.	0.00
26.0700	-3.58E-06	-6.267	1.0304	2.75E-06	3094.	7455147.	0.3157	29060.	0.00
26.4000	-2.72E-06	-5.915	1.1225	2.48E-06	3093.	7455147.	0.2426	29396.	0.00
26.7300	-1.95E-06	-5.535	1.1915	2.23E-06	3092.	7455147.	0.1755	29732.	0.00
27.0600	-1.25E-06	-5.136	1.2393	1.99E-06	3091.	7455147.	0.1142	30067.	0.00

27.3900	-6.34E-07	-4.725	1.2677	1.77E-06	3090.	7455147.	0.05837	30403.	0.00
27.7200	-8.30E-08	-4.306	1.2786	1.57E-06	3089.	7455147.	0.00773	30739.	0.00
28.0500	4.05E-07	-3.886	1.2736	1.39E-06	3087.	7455147.	-0.03810	31074.	0.00
28.3800	8.35E-07	-3.471	1.2542	1.23E-06	3086.	7455147.	-0.07952	31410.	0.00
28.7100	1.22E-06	-3.063	1.2218	1.08E-06	3085.	7455147.	-0.117	31746.	0.00
29.0400	1.55E-06	-2.668	1.1776	9.57E-07	3084.	7455147.	-0.151	32081.	0.00
29.3700	1.85E-06	-2.289	1.1228	8.48E-07	3082.	7455147.	-0.181	32417.	0.00
29.7000	2.11E-06	-1.930	1.0583	7.54E-07	3081.	7455147.	-0.209	32753.	0.00
30.0300	2.35E-06	-1.593	0.9850	6.76E-07	3080.	7455147.	-0.235	33088.	0.00
30.3600	2.56E-06	-1.282	0.9034	6.13E-07	3079.	7455147.	-0.259	33424.	0.00
30.6900	2.75E-06	-0.999	0.8143	5.62E-07	3079.	7455147.	-0.281	33760.	0.00
31.0200	2.93E-06	-0.747	0.7180	5.23E-07	3078.	7455147.	-0.302	34095.	0.00
31.3500	3.10E-06	-0.527	0.6148	4.95E-07	3077.	7455147.	-0.323	34431.	0.00
31.6800	3.25E-06	-0.343	0.5049	4.76E-07	3077.	7455147.	-0.343	34767.	0.00
32.0100	3.41E-06	-0.196	0.3885	4.64E-07	3076.	7455147.	-0.363	35102.	0.00
32.3400	3.56E-06	-0.08819	0.2656	4.58E-07	3076.	7455147.	-0.382	35438.	0.00
32.6700	3.71E-06	-0.02219	0.1361	4.55E-07	3076.	7455147.	-0.402	35773.	0.00
33.0000	3.86E-06	0.00	0.00	4.55E-07	3076.	7455147.	-0.423	18055.	0.00

* The above values of total stress are combined axial and bending stresses.

Output Summary for Load Case No. 1:

Pile-head deflection = 0.00161130 meters
Computed slope at pile head = 0.000000 radians
Maximum bending moment = -639.9289295 kN-m
Maximum shear force = 176.00000000 kN
Depth of maximum bending moment = 0.000000 meters below pile head
Depth of maximum shear force = 0.000000 meters below pile head
Number of iterations = 6
Number of zero deflection points = 2

Computed Values of Pile Loading and Deflection
for Lateral Loading for Load Case Number 2

Pile-head conditions are Shear and Pile-head Rotation (Loading Type 2)

Shear force at pile head = 210.0 kN
Rotation of pile head = 0.000E+00 radians
Axial load at pile head = 5814.0 kN

(Zero slope for this load indicates fixed-head conditions)

Depth X	Deflect. y	Bending Moment	Shear Force	Slope S	Total Stress	Bending Stiffness	Soil Res. p	Soil Spr. Es*H	Distrib. Lat. Load

meters	meters	kN-m	kN	radians	kPa*	kN-m^2	kN/m	kN/m	kN/m
0.00	0.00193	-764.256	210.0000	0.00	5597.	7455147.	-14.729	1262.	0.00
0.3300	0.00192	-695.725	204.8287	-3.23E-05	5390.	7455147.	-16.612	2856.	0.00
0.6600	0.00190	-628.945	199.0553	-6.16E-05	5188.	7455147.	-18.378	3185.	0.00
0.9900	0.00188	-564.112	192.7225	-8.80E-05	4993.	7455147.	-20.002	3513.	0.00
1.3200	0.00185	-501.410	185.8816	-1.12E-04	4803.	7455147.	-21.458	3836.	0.00
1.6500	0.00181	-441.002	178.5788	-1.32E-04	4621.	7455147.	-22.802	4168.	0.00
1.9800	0.00176	-383.040	170.8539	-1.51E-04	4446.	7455147.	-24.016	4507.	0.00
2.3100	0.00171	-327.660	162.7577	-1.66E-04	4279.	7455147.	-25.052	4846.	0.00
2.6400	0.00165	-274.981	154.3476	-1.80E-04	4120.	7455147.	-25.918	5188.	0.00
2.9700	0.00159	-225.101	145.6842	-1.91E-04	3969.	7455147.	-26.588	5528.	0.00
3.3000	0.00152	-178.097	136.8303	-2.00E-04	3828.	7455147.	-27.072	5867.	0.00
3.6300	0.00146	-134.026	127.8466	-2.07E-04	3695.	7455147.	-27.374	6207.	0.00
3.9600	0.00139	-92.925	118.7929	-2.12E-04	3571.	7455147.	-27.497	6546.	0.00
4.2900	0.00132	-54.811	109.7269	-2.15E-04	3455.	7455147.	-27.449	6885.	0.00
4.6200	0.00124	-19.681	100.7039	-2.17E-04	3349.	7455147.	-27.237	7223.	0.00
4.9500	0.00117	12.4851	91.7761	-2.17E-04	3328.	7455147.	-26.871	7561.	0.00
5.2800	0.00110	41.7235	82.9928	-2.16E-04	3416.	7455147.	-26.362	7899.	0.00
5.6100	0.00103	68.0876	74.3992	-2.13E-04	3496.	7455147.	-25.721	8237.	0.00
5.9400	9.61E-04	91.6449	66.0370	-2.10E-04	3567.	7455147.	-24.960	8575.	0.00
6.2700	8.92E-04	112.4763	57.9435	-2.05E-04	3630.	7455147.	-24.091	8912.	0.00
6.6000	8.25E-04	130.6746	50.1523	-2.00E-04	3684.	7455147.	-23.128	9249.	0.00
6.9300	7.60E-04	146.3432	42.6923	-1.94E-04	3732.	7455147.	-22.084	9586.	0.00
7.2600	6.97E-04	159.5944	35.5884	-1.87E-04	3772.	7455147.	-20.970	9922.	0.00
7.5900	6.37E-04	170.5484	28.8610	-1.80E-04	3805.	7455147.	-19.802	10259.	0.00
7.9200	5.79E-04	179.3315	22.5265	-1.72E-04	3831.	7455147.	-18.589	10595.	0.00
8.2500	5.24E-04	186.0750	16.5975	-1.64E-04	3852.	7455147.	-17.345	10932.	0.00
8.5800	4.71E-04	190.9139	11.0824	-1.55E-04	3866.	7455147.	-16.080	11268.	0.00
8.9100	4.21E-04	193.9854	5.9861	-1.47E-04	3876.	7455147.	-14.806	11604.	0.00
9.2400	3.74E-04	195.4281	1.3100	-1.38E-04	3880.	7455147.	-13.534	11940.	0.00
9.5700	3.30E-04	195.3803	-2.948	-1.30E-04	3880.	7455147.	-12.271	12276.	0.00
9.9000	2.89E-04	193.9796	-6.792	-1.21E-04	3875.	7455147.	-11.027	12612.	0.00
10.2300	2.50E-04	191.3616	-10.230	-1.12E-04	3868.	7455147.	-9.811	12948.	0.00
10.5600	2.14E-04	187.6589	-13.273	-1.04E-04	3856.	7455147.	-8.629	13284.	0.00
10.8900	1.81E-04	183.0006	-15.932	-9.58E-05	3842.	7455147.	-7.487	13619.	0.00
11.2200	1.51E-04	177.5115	-18.222	-8.78E-05	3826.	7455147.	-6.391	13955.	0.00
11.5500	1.23E-04	171.3113	-20.158	-8.01E-05	3807.	7455147.	-5.346	14291.	0.00
11.8800	9.83E-05	164.5145	-21.759	-7.27E-05	3787.	7455147.	-4.355	14627.	0.00
12.2100	7.55E-05	157.2294	-23.042	-6.56E-05	3765.	7455147.	-3.422	14962.	0.00
12.5400	5.50E-05	149.5584	-24.027	-5.88E-05	3741.	7455147.	-2.549	15298.	0.00
12.8700	3.67E-05	141.5970	-24.734	-5.23E-05	3717.	7455147.	-1.738	15634.	0.00
13.2000	2.05E-05	133.4344	-25.184	-4.62E-05	3693.	7455147.	-0.990	15969.	0.00
13.5300	6.17E-06	125.1527	-25.398	-4.05E-05	3668.	7455147.	-0.305	16305.	0.00
13.8600	-6.29E-06	116.8271	-25.396	-3.52E-05	3643.	7455147.	0.3170	16641.	0.00
14.1900	-1.70E-05	108.5262	-25.199	-3.02E-05	3618.	7455147.	0.8763	16976.	0.00
14.5200	-2.62E-05	100.3115	-24.828	-2.55E-05	3593.	7455147.	1.3743	17312.	0.00
14.8500	-3.39E-05	92.2379	-24.302	-2.13E-05	3568.	7455147.	1.8126	17648.	0.00
15.1800	-4.02E-05	84.3538	-23.641	-1.74E-05	3545.	7455147.	2.1932	17983.	0.00
15.5100	-4.54E-05	76.7015	-22.864	-1.38E-05	3522.	7455147.	2.5182	18319.	0.00

15.8400	-4.94E-05	69.3168	-21.988	-1.06E-05	3499.	7455147.	2.7904	18655.	0.00
16.1700	-5.23E-05	62.2302	-21.030	-7.67E-06	3478.	7455147.	3.0124	18990.	0.00
16.5000	-5.44E-05	55.4663	-20.007	-5.06E-06	3457.	7455147.	3.1872	19326.	0.00
16.8300	-5.57E-05	49.0448	-18.934	-2.75E-06	3438.	7455147.	3.3180	19662.	0.00
17.1600	-5.62E-05	42.9804	-17.824	-7.14E-07	3420.	7455147.	3.4079	19997.	0.00
17.4900	-5.62E-05	37.2835	-16.691	1.06E-06	3403.	7455147.	3.4603	20333.	0.00
17.8200	-5.55E-05	31.9603	-15.546	2.59E-06	3387.	7455147.	3.4784	20669.	0.00
18.1500	-5.44E-05	27.0132	-14.400	3.90E-06	3372.	7455147.	3.4656	21004.	0.00
18.4800	-5.30E-05	22.4412	-13.263	4.99E-06	3358.	7455147.	3.4250	21340.	0.00
18.8100	-5.12E-05	18.2403	-12.144	5.89E-06	3345.	7455147.	3.3598	21676.	0.00
19.1400	-4.91E-05	14.4036	-11.049	6.62E-06	3334.	7455147.	3.2732	22011.	0.00
19.4700	-4.68E-05	10.9223	-9.987	7.18E-06	3323.	7455147.	3.1681	22347.	0.00
19.8000	-4.43E-05	7.7850	-8.961	7.59E-06	3314.	7455147.	3.0474	22683.	0.00
20.1300	-4.18E-05	4.9789	-7.977	7.87E-06	3305.	7455147.	2.9138	23018.	0.00
20.4600	-3.91E-05	2.4897	-7.040	8.04E-06	3298.	7455147.	2.7698	23354.	0.00
20.7900	-3.65E-05	0.3019	-6.151	8.10E-06	3291.	7455147.	2.6179	23690.	0.00
21.1200	-3.38E-05	-1.601	-5.313	8.07E-06	3295.	7455147.	2.4602	24025.	0.00
21.4500	-3.11E-05	-3.235	-4.528	7.97E-06	3300.	7455147.	2.2987	24361.	0.00
21.7800	-2.85E-05	-4.620	-3.796	7.79E-06	3304.	7455147.	2.1355	24697.	0.00
22.1100	-2.60E-05	-5.771	-3.118	7.56E-06	3307.	7455147.	1.9720	25032.	0.00
22.4400	-2.35E-05	-6.707	-2.494	7.29E-06	3310.	7455147.	1.8099	25368.	0.00
22.7700	-2.12E-05	-7.445	-1.923	6.97E-06	3313.	7455147.	1.6503	25704.	0.00
23.1000	-1.89E-05	-8.003	-1.404	6.63E-06	3314.	7455147.	1.4946	26039.	0.00
23.4300	-1.68E-05	-8.397	-0.936	6.27E-06	3315.	7455147.	1.3437	26375.	0.00
23.7600	-1.48E-05	-8.644	-0.517	5.89E-06	3316.	7455147.	1.1983	26711.	0.00
24.0900	-1.29E-05	-8.761	-0.144	5.51E-06	3316.	7455147.	1.0593	27046.	0.00
24.4200	-1.12E-05	-8.761	0.1837	5.12E-06	3316.	7455147.	0.9270	27382.	0.00
24.7500	-9.55E-06	-8.659	0.4689	4.73E-06	3316.	7455147.	0.8019	27718.	0.00
25.0800	-8.05E-06	-8.469	0.7141	4.35E-06	3316.	7455147.	0.6842	28053.	0.00
25.4100	-6.67E-06	-8.204	0.9218	3.98E-06	3315.	7455147.	0.5741	28389.	0.00
25.7400	-5.42E-06	-7.876	1.0943	3.63E-06	3314.	7455147.	0.4717	28725.	0.00
26.0700	-4.28E-06	-7.496	1.2343	3.29E-06	3313.	7455147.	0.3768	29060.	0.00
26.4000	-3.25E-06	-7.074	1.3443	2.97E-06	3311.	7455147.	0.2894	29396.	0.00
26.7300	-2.32E-06	-6.620	1.4266	2.66E-06	3310.	7455147.	0.2092	29732.	0.00
27.0600	-1.49E-06	-6.143	1.4835	2.38E-06	3309.	7455147.	0.1360	30067.	0.00
27.3900	-7.52E-07	-5.650	1.5174	2.12E-06	3307.	7455147.	0.06925	30403.	0.00
27.7200	-9.38E-08	-5.149	1.5302	1.88E-06	3306.	7455147.	0.00874	30739.	0.00
28.0500	4.89E-07	-4.647	1.5241	1.66E-06	3304.	7455147.	-0.04603	31074.	0.00
28.3800	1.00E-06	-4.150	1.5007	1.47E-06	3303.	7455147.	-0.09553	31410.	0.00
28.7100	1.46E-06	-3.663	1.4618	1.30E-06	3301.	7455147.	-0.140	31746.	0.00
29.0400	1.86E-06	-3.190	1.4089	1.14E-06	3300.	7455147.	-0.181	32081.	0.00
29.3700	2.21E-06	-2.737	1.3432	1.01E-06	3298.	7455147.	-0.217	32417.	0.00
29.7000	2.53E-06	-2.307	1.2660	9.01E-07	3297.	7455147.	-0.251	32753.	0.00
30.0300	2.81E-06	-1.905	1.1781	8.08E-07	3296.	7455147.	-0.281	33088.	0.00
30.3600	3.06E-06	-1.533	1.0806	7.31E-07	3295.	7455147.	-0.310	33424.	0.00
30.6900	3.29E-06	-1.195	0.9739	6.71E-07	3294.	7455147.	-0.337	33760.	0.00
31.0200	3.50E-06	-0.893	0.8587	6.25E-07	3293.	7455147.	-0.362	34095.	0.00
31.3500	3.70E-06	-0.630	0.7352	5.91E-07	3292.	7455147.	-0.386	34431.	0.00
31.6800	3.89E-06	-0.410	0.6038	5.68E-07	3291.	7455147.	-0.410	34767.	0.00
32.0100	4.08E-06	-0.234	0.4646	5.54E-07	3291.	7455147.	-0.434	35102.	0.00

32.3400	4.26E-06	-0.105	0.3176	5.46E-07	3290.	7455147.	-0.457	35438.	0.00
32.6700	4.44E-06	-0.02647	0.1627	5.43E-07	3290.	7455147.	-0.481	35773.	0.00
33.0000	4.62E-06	0.00	0.00	5.43E-07	3290.	7455147.	-0.505	18055.	0.00

* The above values of total stress are combined axial and bending stresses.

Output Summary for Load Case No. 2:

Pile-head deflection = 0.00192530 meters
Computed slope at pile head = 0.000000 radians
Maximum bending moment = -764.2558058 kN-m
Maximum shear force = 210.00000000 kN
Depth of maximum bending moment = 0.000000 meters below pile head
Depth of maximum shear force = 0.000000 meters below pile head
Number of iterations = 6
Number of zero deflection points = 2

Summary of Pile-head Responses for Conventional Analyses

Definitions of Pile-head Loading Conditions:

Load Type 1: Load 1 = Shear, V, kN, and Load 2 = Moment, M, kN-m
Load Type 2: Load 1 = Shear, V, kN, and Load 2 = Slope, S, radians
Load Type 3: Load 1 = Shear, V, kN, and Load 2 = Rot. Stiffness, R, kN-m/rad.
Load Type 4: Load 1 = Top Deflection, y, m, and Load 2 = Moment, M, kN-m
Load Type 5: Load 1 = Top Deflection, y, m, and Load 2 = Slope, S, radians

Load Case No.	Load Type 1	Pile-head Load 1	Load Type 2	Pile-head Load 2	Axial Loading kN	Pile-head Deflection meters	Pile-head Rotation radians	Max Shear in Pile kN	Max Moment in Pile kN-m
1	V, kN	176.0000	S, rad	0.00	5435.	0.00161	0.00	176.0000	-639.929
2	V, kN	210.0000	S, rad	0.00	5814.	0.00193	0.00	210.0000	-764.256

Maximum pile-head deflection = 0.0019253047 meters
Maximum pile-head rotation = -0.0000000000 radians = -0.000000 deg.

The analysis ended normally.

9.2.6 Pile – SLE

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LPile for Windows, Version 2022-12.001

Analysis of Individual Piles and Drilled Shafts
Subjected to Lateral Loading Using the p-y Method
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Problem Title

Project Name: Commessa 32758 - SPALLA SLU
Job Number:
Client:
Engineer:
Description:

Program Options and Settings

Computational Options:
- Conventional Analysis

Engineering Units Used for Data Input and Computations:
- International System Units (kilonewtons, meters, millimeters)

Analysis Control Options:
- Maximum number of iterations allowed = 500
- Deflection tolerance for convergence = 2.5400E-07 m
- Maximum allowable deflection = 2.5400 m
- Number of pile increments = 100

Loading Type and Number of Cycles of Loading:
- Static loading specified

- Analysis uses p-y modification factors for p-y curves
- Analysis uses layering correction (Method of Georgiadis)
- No distributed lateral loads are entered
- Loading by lateral soil movements acting on pile not selected
- Input of shear resistance at the pile tip not selected
- Input of moment resistance at the pile tip not selected
- Computation of pile-head foundation stiffness matrix not selected
- Push-over analysis of pile not selected
- Buckling analysis of pile not selected

Output Options:
- Output files use decimal points to denote decimal symbols.
- Values of pile-head deflection, bending moment, shear force, and soil reaction are printed for full length of pile.
- Printing Increment (nodal spacing of output points) = 1
- No p-y curves to be computed and reported for user-specified depths
- Print using wide report formats

Pile Structural Properties and Geometry

Number of pile sections defined = 1
Total length of pile = 33.000 m
Depth of ground surface below top of pile = -2.5000 m

Pile diameters used for p-y curve computations are defined using 2 points.

p-y curves are computed using pile diameter values interpolated with depth over the length of the pile. A summary of values of pile diameter vs. depth follows.

Point	Depth Below Pile Head meters	Pile Diameter millimeters
1	0.000	1500.00
2	33.000	1500.00

Input Structural Properties for Pile Sections:

Pile Section No. 1:

Section 1 is an elastic pile
Cross-sectional Shape = Circular Pile
Length of section = 33.000000 m
Width of top of section = 1.500000 m
Width of bottom of section = 1.500000 m
Top Area = 1.767146 sq. m
Bottom Area = 1.767146 sq. m
Moment of Inertia at Top = 0.248505 m^4
Moment of Inertia at Bottom = 0.248505 m^4
Elastic Modulus = 30000000. kPa

Soil and Rock Layering Information

The soil profile is modelled using 4 layers

Layer 1 is sand, p-y criteria by API RP-2A, 1987

Distance from top of pile to top of layer = -2.50000 m
Distance from top of pile to bottom of layer = 2.500000 m
Effective unit weight at top of layer = 19.000000 kN/m3
Effective unit weight at bottom of layer = 19.000000 kN/m3
Friction angle at top of layer = 22.000000 deg.
Friction angle at bottom of layer = 22.000000 deg.
Subgrade k at top of layer = 5400. kN/m3
Subgrade k at bottom of layer = 5400. kN/m3

Layer 2 is sand, p-y criteria by API RP-2A, 1987

Distance from top of pile to top of layer = 2.500000 m
Distance from top of pile to bottom of layer = 6.500000 m
Effective unit weight at top of layer = 19.000000 kN/m3
Effective unit weight at bottom of layer = 19.000000 kN/m3
Friction angle at top of layer = 24.000000 deg.
Friction angle at bottom of layer = 24.000000 deg.
Subgrade k at top of layer = 5400. kN/m3
Subgrade k at bottom of layer = 5400. kN/m3

Layer 3 is sand, p-y criteria by API RP-2A, 1987

Distance from top of pile to top of layer = 6.500000 m
Distance from top of pile to bottom of layer = 7.500000 m
Effective unit weight at top of layer = 9.000000 kN/m3
Effective unit weight at bottom of layer = 9.000000 kN/m3
Friction angle at top of layer = 24.000000 deg.

Friction angle at bottom of layer = 24.000000 deg.
Subgrade k at top of layer = 5400. kN/m3
Subgrade k at bottom of layer = 5400. kN/m3

Layer 4 is sand, p-y criteria by API RP-2A, 1987

Distance from top of pile to top of layer = 7.500000 m
Distance from top of pile to bottom of layer = 47.500000 m
Effective unit weight at top of layer = 9.000000 kN/m3
Effective unit weight at bottom of layer = 9.000000 kN/m3
Friction angle at top of layer = 24.000000 deg.
Friction angle at bottom of layer = 24.000000 deg.
Subgrade k at top of layer = 5400. kN/m3
Subgrade k at bottom of layer = 5400. kN/m3

(Depth of the lowest soil layer extends 14.500 m below the pile tip)

Summary of Input Soil Properties

Layer Num.	Soil Type Name (p-y Curve Type)	Layer Depth m	Effective Unit Wt. kN/m3	Angle of Friction deg.	kpy kN/m3
1	API Sand	-2.500	19.0000	22.0000	5400.
		2.5000	19.0000	22.0000	5400.
2	API Sand	2.5000	19.0000	24.0000	5400.
		6.5000	19.0000	24.0000	5400.
3	API Sand	6.5000	9.0000	24.0000	5400.
		7.5000	9.0000	24.0000	5400.
4	API Sand	7.5000	9.0000	24.0000	5400.
		47.5000	9.0000	24.0000	5400.

Modification Factors for p-y Curves

Distribution of p-y modifiers with depth defined using 2 points

Point No.	Depth X m	p-mult	y-mult
1	-2.500	0.3350	0.5880
2	47.500	0.3350	0.5880

Static Loading Type

Static loading criteria were used when computing p-y curves for all analyses.

Pile-head Loading and Pile-head Fixity Conditions

Number of loads specified = 5

Load No.	Load Type	Condition 1	Condition 2	Axial Thrust Force, kN	Compute Top y vs. Pile Length	Run Analysis
1	2	V = 122.000000 kN	S = 0.0000 m/m	3991.	No	Yes
2	2	V = 68.000000 kN	S = 0.0000 m/m	3743.	No	Yes
3	2	V = 42.000000 kN	S = 0.0000 m/m	3160.	No	Yes
4	2	V = 140.000000 kN	S = 0.0000 m/m	4263.	No	Yes
5	2	V = 39.000000 kN	S = 0.0000 m/m	3880.	No	Yes

V = shear force applied normal to pile axis
M = bending moment applied to pile head
y = lateral deflection normal to pile axis
S = pile slope relative to original pile batter angle
R = rotational stiffness applied to pile head
Values of top y vs. pile lengths can be computed only for load types with
specified shear loading (Load Types 1, 2, and 3).
Thrust force is assumed to be acting axially for all pile batter angles.

Computations of Nominal Moment Capacity and Nonlinear Bending Stiffness

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Axial thrust force values were determined from pile-head loading conditions

Number of Pile Sections Analyzed = 1

Pile Section No. 1:

Moment-curvature properties were derived from elastic section properties

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Layering Correction Equivalent Depths of Soil & Rock Layers

Layer No.	Top of Layer Below Pile Head meters	Equivalent Top Depth Below Grnd Surf meters	Same Layer Type As Layer Above	Layer is Rock or is Below Rock Layer	F0 Integral for Layer kN	F1 Integral for Layer kN
1	-2.500	0.00	N.A.	No	0.00	1671.
2	2.5000	4.5981	Yes	No	1671.	4727.
3	6.5000	8.5978	Yes	No	6397.	1971.
4	7.5000	9.7777	Yes	No	8368.	N.A.

Notes: The F0 integral of Layer n+1 equals the sum of the F0 and F1 integrals for Layer n. Layering correction equivalent depths are computed only for soil types with both shallow-depth and deep-depth expressions for peak lateral load transfer. These soil types are soft and stiff clays, non-liquefied sands, and cemented c-phi soil.

Computed Values of Pile Loading and Deflection
for Lateral Loading for Load Case Number 1

Pile-head conditions are Shear and Pile-head Rotation (Loading Type 2)

Shear force at pile head = 122.0 kN
Rotation of pile head = 0.000E+00 radians
Axial load at pile head = 3991.0 kN

(Zero slope for this load indicates fixed-head conditions)

Depth X meters	Deflect. y meters	Bending Moment kN-m	Shear Force kN	Slope S radians	Total Stress kPa*	Bending Stiffness kN-m^2	Soil Res. p kN/m	Soil Spr. Es*H kN/m	Distrib. Lat. Load kN/m
0.00	0.00111	-442.823	122.0000	0.00	3595.	7455147.	-8.563	1267.	0.00
0.3300	0.00111	-403.017	118.9926	-1.87E-05	3475.	7455147.	-9.664	2869.	0.00
0.6600	0.00110	-364.239	115.6326	-3.57E-05	3358.	7455147.	-10.700	3202.	0.00
0.9900	0.00109	-326.605	111.9435	-5.10E-05	3244.	7455147.	-11.659	3536.	0.00
1.3200	0.00107	-290.222	107.9523	-6.46E-05	3134.	7455147.	-12.530	3868.	0.00
1.6500	0.00105	-255.186	103.6879	-7.67E-05	3029.	7455147.	-13.314	4203.	0.00
1.9800	0.00102	-221.586	99.1804	-8.73E-05	2927.	7455147.	-14.004	4538.	0.00

2.3100	9.88E-04	-189.497	94.4622	-9.64E-05	2830.	7455147.	-14.591	4874.	0.00
2.6400	9.55E-04	-158.987	89.5676	-1.04E-04	2738.	7455147.	-15.074	5210.	0.00
2.9700	9.19E-04	-130.109	84.5314	-1.10E-04	2651.	7455147.	-15.449	5546.	0.00
3.3000	8.82E-04	-102.905	79.3891	-1.16E-04	2569.	7455147.	-15.717	5882.	0.00
3.6300	8.43E-04	-77.407	74.1754	-1.20E-04	2492.	7455147.	-15.881	6218.	0.00
3.9600	8.03E-04	-53.634	68.9243	-1.23E-04	2420.	7455147.	-15.943	6554.	0.00
4.2900	7.62E-04	-31.594	63.6688	-1.24E-04	2354.	7455147.	-15.908	6889.	0.00
4.6200	7.21E-04	-11.285	58.4405	-1.25E-04	2293.	7455147.	-15.779	7225.	0.00
4.9500	6.79E-04	7.3065	53.2693	-1.25E-04	2280.	7455147.	-15.562	7560.	0.00
5.2800	6.38E-04	24.2031	48.1831	-1.25E-04	2331.	7455147.	-15.263	7896.	0.00
5.6100	5.97E-04	39.4360	43.2080	-1.23E-04	2377.	7455147.	-14.889	8231.	0.00
5.9400	5.57E-04	53.0452	38.3675	-1.21E-04	2419.	7455147.	-14.447	8567.	0.00
6.2700	5.17E-04	65.0780	33.6832	-1.19E-04	2455.	7455147.	-13.943	8902.	0.00
6.6000	4.78E-04	75.5887	29.1740	-1.16E-04	2487.	7455147.	-13.385	9237.	0.00
6.9300	4.41E-04	84.6373	24.8566	-1.12E-04	2514.	7455147.	-12.781	9573.	0.00
7.2600	4.04E-04	92.2891	20.7452	-1.08E-04	2537.	7455147.	-12.137	9908.	0.00
7.5900	3.69E-04	98.6139	16.8515	-1.04E-04	2556.	7455147.	-11.461	10243.	0.00
7.9200	3.36E-04	103.6848	13.1850	-9.94E-05	2571.	7455147.	-10.760	10578.	0.00
8.2500	3.04E-04	107.5778	9.7526	-9.47E-05	2583.	7455147.	-10.042	10913.	0.00
8.5800	2.73E-04	110.3711	6.5594	-8.99E-05	2592.	7455147.	-9.311	11249.	0.00
8.9100	2.44E-04	112.1439	3.6081	-8.50E-05	2597.	7455147.	-8.575	11584.	0.00
9.2400	2.17E-04	112.9763	0.8995	-8.00E-05	2599.	7455147.	-7.840	11919.	0.00
9.5700	1.92E-04	112.9483	-1.567	-7.50E-05	2599.	7455147.	-7.111	12254.	0.00
9.9000	1.68E-04	112.1393	-3.796	-7.00E-05	2597.	7455147.	-6.393	12589.	0.00
10.2300	1.45E-04	110.6276	-5.789	-6.51E-05	2592.	7455147.	-5.690	12924.	0.00
10.5600	1.25E-04	108.4898	-7.554	-6.02E-05	2586.	7455147.	-5.007	13259.	0.00
10.8900	1.06E-04	105.8004	-9.098	-5.55E-05	2578.	7455147.	-4.348	13594.	0.00
11.2200	8.80E-05	102.6313	-10.428	-5.09E-05	2568.	7455147.	-3.714	13929.	0.00
11.5500	7.20E-05	99.0518	-11.554	-4.64E-05	2557.	7455147.	-3.110	14264.	0.00
11.8800	5.74E-05	95.1277	-12.486	-4.21E-05	2546.	7455147.	-2.538	14599.	0.00
12.2100	4.42E-05	90.9217	-13.235	-3.80E-05	2533.	7455147.	-1.999	14934.	0.00
12.5400	3.23E-05	86.4928	-13.811	-3.41E-05	2519.	7455147.	-1.494	15269.	0.00
12.8700	2.17E-05	81.8962	-14.227	-3.03E-05	2506.	7455147.	-1.025	15604.	0.00
13.2000	1.23E-05	77.1831	-14.494	-2.68E-05	2491.	7455147.	-0.592	15940.	0.00
13.5300	3.97E-06	72.4011	-14.624	-2.35E-05	2477.	7455147.	-0.196	16275.	0.00
13.8600	-3.26E-06	67.5936	-14.629	-2.04E-05	2462.	7455147.	0.1641	16610.	0.00
14.1900	-9.50E-06	62.7999	-14.521	-1.75E-05	2448.	7455147.	0.4880	16945.	0.00
14.5200	-1.48E-05	58.0558	-14.312	-1.49E-05	2434.	7455147.	0.7766	17280.	0.00
14.8500	-1.93E-05	53.3929	-14.014	-1.24E-05	2420.	7455147.	1.0307	17615.	0.00
15.1800	-2.30E-05	48.8390	-13.638	-1.01E-05	2406.	7455147.	1.2515	17950.	0.00
15.5100	-2.60E-05	44.4187	-13.194	-8.06E-06	2393.	7455147.	1.4402	18285.	0.00
15.8400	-2.83E-05	40.1525	-12.692	-6.19E-06	2380.	7455147.	1.5984	18620.	0.00
16.1700	-3.01E-05	36.0581	-12.143	-4.50E-06	2367.	7455147.	1.7276	18955.	0.00
16.5000	-3.13E-05	32.1497	-11.556	-2.99E-06	2355.	7455147.	1.8297	19290.	0.00
16.8300	-3.21E-05	28.4387	-10.940	-1.65E-06	2344.	7455147.	1.9062	19625.	0.00
17.1600	-3.24E-05	24.9337	-10.302	-4.72E-07	2334.	7455147.	1.9592	19960.	0.00
17.4900	-3.24E-05	21.6405	-9.651	5.59E-07	2324.	7455147.	1.9905	20295.	0.00
17.8200	-3.20E-05	18.5628	-8.992	1.45E-06	2314.	7455147.	2.0019	20630.	0.00
18.1500	-3.14E-05	15.7021	-8.332	2.21E-06	2306.	7455147.	1.9954	20965.	0.00
18.4800	-3.06E-05	13.0578	-7.677	2.84E-06	2298.	7455147.	1.9729	21300.	0.00

18.8100	-2.95E-05	10.6275	-7.032	3.37E-06	2291.	7455147.	1.9361	21635.	0.00
19.1400	-2.83E-05	8.4075	-6.402	3.79E-06	2284.	7455147.	1.8870	21970.	0.00
19.4700	-2.70E-05	6.3924	-5.789	4.12E-06	2278.	7455147.	1.8271	22305.	0.00
19.8000	-2.56E-05	4.5760	-5.197	4.36E-06	2272.	7455147.	1.7581	22640.	0.00
20.1300	-2.42E-05	2.9507	-4.630	4.53E-06	2267.	7455147.	1.6816	22975.	0.00
20.4600	-2.26E-05	1.5084	-4.088	4.62E-06	2263.	7455147.	1.5991	23310.	0.00
20.7900	-2.11E-05	0.2402	-3.575	4.66E-06	2259.	7455147.	1.5120	23645.	0.00
21.1200	-1.96E-05	-0.863	-3.091	4.65E-06	2261.	7455147.	1.4214	23980.	0.00
21.4500	-1.80E-05	-1.812	-2.637	4.59E-06	2264.	7455147.	1.3287	24315.	0.00
21.7800	-1.65E-05	-2.616	-2.214	4.49E-06	2266.	7455147.	1.2348	24650.	0.00
22.1100	-1.51E-05	-3.285	-1.822	4.36E-06	2268.	7455147.	1.1408	24985.	0.00
22.4400	-1.37E-05	-3.830	-1.461	4.20E-06	2270.	7455147.	1.0475	25320.	0.00
22.7700	-1.23E-05	-4.261	-1.131	4.03E-06	2271.	7455147.	0.9557	25655.	0.00
23.1000	-1.10E-05	-4.587	-0.830	3.83E-06	2272.	7455147.	0.8660	25991.	0.00
23.4300	-9.76E-06	-4.819	-0.559	3.62E-06	2273.	7455147.	0.7790	26326.	0.00
23.7600	-8.61E-06	-4.966	-0.316	3.40E-06	2273.	7455147.	0.6952	26661.	0.00
24.0900	-7.52E-06	-5.036	-0.09932	3.18E-06	2274.	7455147.	0.6150	26996.	0.00
24.4200	-6.50E-06	-5.039	0.09103	2.96E-06	2274.	7455147.	0.5387	27331.	0.00
24.7500	-5.56E-06	-4.984	0.2569	2.74E-06	2273.	7455147.	0.4665	27666.	0.00
25.0800	-4.70E-06	-4.877	0.3996	2.52E-06	2273.	7455147.	0.3985	28001.	0.00
25.4100	-3.90E-06	-4.727	0.5206	2.31E-06	2273.	7455147.	0.3349	28336.	0.00
25.7400	-3.17E-06	-4.540	0.6214	2.10E-06	2272.	7455147.	0.2757	28671.	0.00
26.0700	-2.51E-06	-4.322	0.7033	1.91E-06	2271.	7455147.	0.2209	29006.	0.00
26.4000	-1.92E-06	-4.080	0.7678	1.72E-06	2271.	7455147.	0.1703	29341.	0.00
26.7300	-1.38E-06	-3.820	0.8164	1.55E-06	2270.	7455147.	0.1238	29676.	0.00
27.0600	-8.95E-07	-3.546	0.8502	1.38E-06	2269.	7455147.	0.08138	30011.	0.00
27.3900	-4.64E-07	-3.262	0.8707	1.23E-06	2268.	7455147.	0.04271	30346.	0.00
27.7200	-8.17E-08	-2.974	0.8790	1.09E-06	2267.	7455147.	0.00759	30681.	0.00
28.0500	2.58E-07	-2.685	0.8762	9.69E-07	2267.	7455147.	-0.02422	31016.	0.00
28.3800	5.58E-07	-2.399	0.8635	8.56E-07	2266.	7455147.	-0.05299	31351.	0.00
28.7100	8.23E-07	-2.118	0.8417	7.56E-07	2265.	7455147.	-0.07900	31686.	0.00
29.0400	1.06E-06	-1.845	0.8118	6.69E-07	2264.	7455147.	-0.103	32021.	0.00
29.3700	1.26E-06	-1.584	0.7744	5.93E-07	2263.	7455147.	-0.124	32356.	0.00
29.7000	1.45E-06	-1.335	0.7303	5.28E-07	2262.	7455147.	-0.143	32691.	0.00
30.0300	1.61E-06	-1.103	0.6800	4.74E-07	2262.	7455147.	-0.161	33026.	0.00
30.3600	1.76E-06	-0.888	0.6240	4.30E-07	2261.	7455147.	-0.178	33361.	0.00
30.6900	1.90E-06	-0.692	0.5627	3.95E-07	2261.	7455147.	-0.194	33696.	0.00
31.0200	2.02E-06	-0.518	0.4963	3.68E-07	2260.	7455147.	-0.209	34031.	0.00
31.3500	2.14E-06	-0.366	0.4251	3.49E-07	2260.	7455147.	-0.223	34366.	0.00
31.6800	2.25E-06	-0.238	0.3493	3.35E-07	2259.	7455147.	-0.237	34701.	0.00
32.0100	2.36E-06	-0.136	0.2689	3.27E-07	2259.	7455147.	-0.251	35036.	0.00
32.3400	2.47E-06	-0.06136	0.1839	3.23E-07	2259.	7455147.	-0.265	35371.	0.00
32.6700	2.57E-06	-0.01551	0.09425	3.21E-07	2258.	7455147.	-0.279	35707.	0.00
33.0000	2.68E-06	0.00	0.00	3.21E-07	2258.	7455147.	-0.293	18021.	0.00

* The above values of total stress are combined axial and bending stresses.

Output Summary for Load Case No. 1:

Pile-head deflection = 0.00111493 meters
Computed slope at pile head = 0.000000 radians
Maximum bending moment = -442.8232533 kN-m
Maximum shear force = 122.00000000 kN
Depth of maximum bending moment = 0.000000 meters below pile head
Depth of maximum shear force = 0.000000 meters below pile head
Number of iterations = 6
Number of zero deflection points = 2

Computed Values of Pile Loading and Deflection
for Lateral Loading for Load Case Number 2

Pile-head conditions are Shear and Pile-head Rotation (Loading Type 2)

Shear force at pile head = 68.0 kN
Rotation of pile head = 0.000E+00 radians
Axial load at pile head = 3743.0 kN

(Zero slope for this load indicates fixed-head conditions)

Depth X meters	Deflect. y meters	Bending Moment kN-m	Shear Force kN	Slope S radians	Total Stress kPa*	Bending Stiffness kN-m^2	Soil Res. p kN/m	Soil Spr. Es*H kN/m	Distrib. Lat. Load kN/m
0.00	6.21E-04	-246.701	68.0000	0.00	2863.	7455147.	-4.774	1269.	0.00
0.3300	6.19E-04	-224.514	66.3232	-1.04E-05	2796.	7455147.	-5.388	2872.	0.00
0.6600	6.14E-04	-202.902	64.4496	-1.99E-05	2730.	7455147.	-5.967	3206.	0.00
0.9900	6.06E-04	-181.929	62.3920	-2.84E-05	2667.	7455147.	-6.503	3541.	0.00
1.3200	5.95E-04	-161.653	60.1654	-3.60E-05	2606.	7455147.	-6.991	3875.	0.00
1.6500	5.82E-04	-142.130	57.7861	-4.27E-05	2547.	7455147.	-7.429	4210.	0.00
1.9800	5.67E-04	-123.409	55.2714	-4.86E-05	2491.	7455147.	-7.812	4545.	0.00
2.3100	5.50E-04	-105.531	52.6398	-5.37E-05	2437.	7455147.	-8.137	4881.	0.00
2.6400	5.32E-04	-88.534	49.9105	-5.80E-05	2385.	7455147.	-8.404	5216.	0.00
2.9700	5.12E-04	-72.447	47.1027	-6.15E-05	2337.	7455147.	-8.612	5551.	0.00
3.3000	4.91E-04	-57.294	44.2363	-6.44E-05	2291.	7455147.	-8.760	5886.	0.00
3.6300	4.69E-04	-43.092	41.3304	-6.66E-05	2248.	7455147.	-8.851	6222.	0.00
3.9600	4.47E-04	-29.851	38.4041	-6.82E-05	2208.	7455147.	-8.885	6557.	0.00
4.2900	4.24E-04	-17.577	35.4756	-6.93E-05	2171.	7455147.	-8.864	6892.	0.00
4.6200	4.01E-04	-6.266	32.5625	-6.98E-05	2137.	7455147.	-8.791	7227.	0.00
4.9500	3.78E-04	4.0870	29.6814	-6.99E-05	2130.	7455147.	-8.670	7563.	0.00
5.2800	3.55E-04	13.4959	26.8478	-6.95E-05	2159.	7455147.	-8.503	7898.	0.00
5.6100	3.32E-04	21.9781	24.0762	-6.87E-05	2184.	7455147.	-8.294	8233.	0.00
5.9400	3.10E-04	29.5559	21.3797	-6.76E-05	2207.	7455147.	-8.048	8568.	0.00
6.2700	2.88E-04	36.2556	18.7703	-6.61E-05	2228.	7455147.	-7.767	8903.	0.00
6.6000	2.66E-04	42.1076	16.2586	-6.44E-05	2245.	7455147.	-7.456	9238.	0.00
6.9300	2.45E-04	47.1453	13.8537	-6.24E-05	2260.	7455147.	-7.119	9573.	0.00

7.2600	2.25E-04	51.4051	11.5635	-6.02E-05	2273.	7455147.	-6.760	9909.	0.00
7.5900	2.06E-04	54.9260	9.3947	-5.79E-05	2284.	7455147.	-6.384	10244.	0.00
7.9200	1.87E-04	57.7486	7.3524	-5.54E-05	2292.	7455147.	-5.994	10579.	0.00
8.2500	1.69E-04	59.9153	5.4405	-5.28E-05	2299.	7455147.	-5.593	10914.	0.00
8.5800	1.52E-04	61.4696	3.6618	-5.01E-05	2304.	7455147.	-5.187	11249.	0.00
8.9100	1.36E-04	62.4558	2.0179	-4.73E-05	2307.	7455147.	-4.777	11584.	0.00
9.2400	1.21E-04	62.9183	0.5091	-4.46E-05	2308.	7455147.	-4.367	11919.	0.00
9.5700	1.07E-04	62.9019	-0.865	-4.18E-05	2308.	7455147.	-3.961	12254.	0.00
9.9000	9.34E-05	62.4506	-2.106	-3.90E-05	2307.	7455147.	-3.561	12589.	0.00
10.2300	8.09E-05	61.6081	-3.217	-3.62E-05	2304.	7455147.	-3.170	12924.	0.00
10.5600	6.94E-05	60.4170	-4.200	-3.35E-05	2300.	7455147.	-2.790	13259.	0.00
10.8900	5.88E-05	58.9188	-5.060	-3.09E-05	2296.	7455147.	-2.422	13594.	0.00
11.2200	4.90E-05	57.1536	-5.801	-2.83E-05	2291.	7455147.	-2.070	13929.	0.00
11.5500	4.01E-05	55.1599	-6.429	-2.59E-05	2285.	7455147.	-1.733	14264.	0.00
11.8800	3.20E-05	52.9744	-6.948	-2.35E-05	2278.	7455147.	-1.414	14599.	0.00
12.2100	2.46E-05	50.6320	-7.365	-2.12E-05	2271.	7455147.	-1.114	14934.	0.00
12.5400	1.80E-05	48.1656	-7.687	-1.90E-05	2263.	7455147.	-0.833	15269.	0.00
12.8700	1.21E-05	45.6057	-7.918	-1.69E-05	2256.	7455147.	-0.572	15604.	0.00
13.2000	6.85E-06	42.9812	-8.067	-1.49E-05	2248.	7455147.	-0.331	15940.	0.00
13.5300	2.23E-06	40.3182	-8.140	-1.31E-05	2240.	7455147.	-0.110	16275.	0.00
13.8600	-1.80E-06	37.6411	-8.143	-1.14E-05	2232.	7455147.	0.09046	16610.	0.00
14.1900	-5.28E-06	34.9718	-8.084	-9.76E-06	2224.	7455147.	0.2709	16945.	0.00
14.5200	-8.24E-06	32.3300	-7.968	-8.28E-06	2216.	7455147.	0.4316	17280.	0.00
14.8500	-1.07E-05	29.7335	-7.802	-6.90E-06	2208.	7455147.	0.5731	17615.	0.00
15.1800	-1.28E-05	27.1978	-7.593	-5.64E-06	2200.	7455147.	0.6961	17950.	0.00
15.5100	-1.45E-05	24.7364	-7.345	-4.49E-06	2193.	7455147.	0.8012	18285.	0.00
15.8400	-1.58E-05	22.3609	-7.067	-3.45E-06	2186.	7455147.	0.8894	18620.	0.00
16.1700	-1.67E-05	20.0810	-6.761	-2.51E-06	2179.	7455147.	0.9614	18955.	0.00
16.5000	-1.74E-05	17.9047	-6.435	-1.67E-06	2172.	7455147.	1.0182	19290.	0.00
16.8300	-1.78E-05	15.8384	-6.091	-9.23E-07	2166.	7455147.	1.0609	19625.	0.00
17.1600	-1.80E-05	13.8866	-5.736	-2.65E-07	2160.	7455147.	1.0905	19960.	0.00
17.4900	-1.80E-05	12.0529	-5.374	3.09E-07	2154.	7455147.	1.1079	20295.	0.00
17.8200	-1.78E-05	10.3392	-5.007	8.04E-07	2149.	7455147.	1.1143	20630.	0.00
18.1500	-1.75E-05	8.7463	-4.640	1.23E-06	2145.	7455147.	1.1108	20965.	0.00
18.4800	-1.70E-05	7.2738	-4.275	1.58E-06	2140.	7455147.	1.0982	21300.	0.00
18.8100	-1.64E-05	5.9206	-3.916	1.87E-06	2136.	7455147.	1.0778	21635.	0.00
19.1400	-1.58E-05	4.6844	-3.565	2.11E-06	2132.	7455147.	1.0505	21970.	0.00
19.4700	-1.50E-05	3.5623	-3.224	2.29E-06	2129.	7455147.	1.0172	22305.	0.00
19.8000	-1.43E-05	2.5508	-2.895	2.43E-06	2126.	7455147.	0.9788	22640.	0.00
20.1300	-1.34E-05	1.6458	-2.579	2.52E-06	2123.	7455147.	0.9362	22975.	0.00
20.4600	-1.26E-05	0.8426	-2.277	2.57E-06	2121.	7455147.	0.8903	23310.	0.00
20.7900	-1.17E-05	0.1363	-1.992	2.60E-06	2119.	7455147.	0.8418	23645.	0.00
21.1200	-1.09E-05	-0.478	-1.722	2.59E-06	2120.	7455147.	0.7914	23980.	0.00
21.4500	-1.00E-05	-1.007	-1.469	2.56E-06	2121.	7455147.	0.7398	24315.	0.00
21.7800	-9.20E-06	-1.454	-1.234	2.50E-06	2122.	7455147.	0.6876	24650.	0.00
22.1100	-8.39E-06	-1.827	-1.016	2.43E-06	2124.	7455147.	0.6352	24985.	0.00
22.4400	-7.60E-06	-2.131	-0.815	2.34E-06	2125.	7455147.	0.5833	25320.	0.00
22.7700	-6.85E-06	-2.371	-0.631	2.24E-06	2125.	7455147.	0.5322	25655.	0.00
23.1000	-6.12E-06	-2.552	-0.463	2.13E-06	2126.	7455147.	0.4823	25991.	0.00
23.4300	-5.44E-06	-2.682	-0.312	2.02E-06	2126.	7455147.	0.4338	26326.	0.00

23.7600	-4.79E-06	-2.763	-0.177	1.90E-06	2126.	7455147.	0.3872	26661.	0.00
24.0900	-4.19E-06	-2.803	-0.05611	1.77E-06	2127.	7455147.	0.3425	26996.	0.00
24.4200	-3.62E-06	-2.805	0.04992	1.65E-06	2127.	7455147.	0.3000	27331.	0.00
24.7500	-3.10E-06	-2.774	0.1423	1.52E-06	2126.	7455147.	0.2598	27666.	0.00
25.0800	-2.62E-06	-2.715	0.2218	1.40E-06	2126.	7455147.	0.2220	28001.	0.00
25.4100	-2.17E-06	-2.631	0.2892	1.29E-06	2126.	7455147.	0.1866	28336.	0.00
25.7400	-1.77E-06	-2.527	0.3454	1.17E-06	2126.	7455147.	0.1536	28671.	0.00
26.0700	-1.40E-06	-2.406	0.3910	1.06E-06	2125.	7455147.	0.1231	29006.	0.00
26.4000	-1.07E-06	-2.271	0.4270	9.58E-07	2125.	7455147.	0.09494	29341.	0.00
26.7300	-7.68E-07	-2.126	0.4541	8.61E-07	2125.	7455147.	0.06908	29676.	0.00
27.0600	-5.00E-07	-1.974	0.4730	7.70E-07	2124.	7455147.	0.04544	30011.	0.00
27.3900	-2.60E-07	-1.816	0.4844	6.86E-07	2124.	7455147.	0.02390	30346.	0.00
27.7200	-4.67E-08	-1.656	0.4891	6.09E-07	2123.	7455147.	0.00434	30681.	0.00
28.0500	1.42E-07	-1.495	0.4876	5.40E-07	2123.	7455147.	-0.01337	31016.	0.00
28.3800	3.09E-07	-1.335	0.4805	4.77E-07	2122.	7455147.	-0.02940	31351.	0.00
28.7100	4.57E-07	-1.179	0.4684	4.21E-07	2122.	7455147.	-0.04389	31686.	0.00
29.0400	5.88E-07	-1.027	0.4518	3.73E-07	2121.	7455147.	-0.05701	32021.	0.00
29.3700	7.03E-07	-0.882	0.4310	3.30E-07	2121.	7455147.	-0.06892	32356.	0.00
29.7000	8.05E-07	-0.744	0.4065	2.94E-07	2120.	7455147.	-0.07979	32691.	0.00
30.0300	8.97E-07	-0.614	0.3785	2.64E-07	2120.	7455147.	-0.08979	33026.	0.00
30.3600	9.80E-07	-0.494	0.3473	2.40E-07	2120.	7455147.	-0.09906	33361.	0.00
30.6900	1.06E-06	-0.385	0.3132	2.20E-07	2119.	7455147.	-0.108	33696.	0.00
31.0200	1.13E-06	-0.288	0.2763	2.05E-07	2119.	7455147.	-0.116	34031.	0.00
31.3500	1.19E-06	-0.204	0.2367	1.94E-07	2119.	7455147.	-0.124	34366.	0.00
31.6800	1.25E-06	-0.133	0.1945	1.87E-07	2119.	7455147.	-0.132	34701.	0.00
32.0100	1.31E-06	-0.07576	0.1497	1.82E-07	2118.	7455147.	-0.140	35036.	0.00
32.3400	1.37E-06	-0.03419	0.1024	1.80E-07	2118.	7455147.	-0.147	35371.	0.00
32.6700	1.43E-06	-0.00865	0.05247	1.79E-07	2118.	7455147.	-0.155	35707.	0.00
33.0000	1.49E-06	0.00	0.00	1.79E-07	2118.	7455147.	-0.163	18021.	0.00

* The above values of total stress are combined axial and bending stresses.

Output Summary for Load Case No. 2:

Pile-head deflection = 0.00062099 meters
Computed slope at pile head = 0.000000 radians
Maximum bending moment = -246.7012475 kN-m
Maximum shear force = 68.00000000 kN
Depth of maximum bending moment = 0.000000 meters below pile head
Depth of maximum shear force = 0.000000 meters below pile head
Number of iterations = 6
Number of zero deflection points = 2

Computed Values of Pile Loading and Deflection
for Lateral Loading for Load Case Number 3

Pile-head conditions are Shear and Pile-head Rotation (Loading Type 2)

Shear force at pile head = 42.0 kN
Rotation of pile head = 0.000E+00 radians
Axial load at pile head = 3160.0 kN

(Zero slope for this load indicates fixed-head conditions)

Depth X meters	Deflect. y meters	Bending Moment kN-m	Shear Force kN	Slope S radians	Total Stress kPa*	Bending Stiffness kN-m^2	Soil Res. p kN/m	Soil Spr. Es*H kN/m	Distrib. Lat. Load kN/m
0.00	3.83E-04	-152.295	42.0000	0.00	2248.	7455147.	-2.948	1269.	0.00
0.3300	3.82E-04	-138.592	40.9646	-6.44E-06	2206.	7455147.	-3.327	2873.	0.00
0.6600	3.79E-04	-125.245	39.8077	-1.23E-05	2166.	7455147.	-3.685	3208.	0.00
0.9900	3.74E-04	-112.294	38.5372	-1.75E-05	2127.	7455147.	-4.016	3542.	0.00
1.3200	3.67E-04	-99.774	37.1622	-2.22E-05	2089.	7455147.	-4.318	3877.	0.00
1.6500	3.59E-04	-87.720	35.6928	-2.64E-05	2053.	7455147.	-4.588	4212.	0.00
1.9800	3.50E-04	-76.162	34.1398	-3.00E-05	2018.	7455147.	-4.824	4547.	0.00
2.3100	3.40E-04	-65.125	32.5148	-3.31E-05	1985.	7455147.	-5.025	4882.	0.00
2.6400	3.28E-04	-54.633	30.8294	-3.58E-05	1953.	7455147.	-5.189	5217.	0.00
2.9700	3.16E-04	-44.703	29.0958	-3.80E-05	1923.	7455147.	-5.317	5553.	0.00
3.3000	3.03E-04	-35.351	27.3260	-3.98E-05	1895.	7455147.	-5.409	5888.	0.00
3.6300	2.90E-04	-26.585	25.5320	-4.11E-05	1868.	7455147.	-5.464	6223.	0.00
3.9600	2.76E-04	-18.414	23.7253	-4.21E-05	1844.	7455147.	-5.485	6558.	0.00
4.2900	2.62E-04	-10.839	21.9173	-4.28E-05	1821.	7455147.	-5.472	6893.	0.00
4.6200	2.48E-04	-3.859	20.1189	-4.31E-05	1800.	7455147.	-5.427	7228.	0.00
4.9500	2.34E-04	2.5295	18.3402	-4.31E-05	1796.	7455147.	-5.352	7563.	0.00
5.2800	2.19E-04	8.3352	16.5909	-4.29E-05	1813.	7455147.	-5.249	7898.	0.00
5.6100	2.05E-04	13.5689	14.8798	-4.24E-05	1829.	7455147.	-5.121	8233.	0.00
5.9400	1.91E-04	18.2443	13.2151	-4.17E-05	1843.	7455147.	-4.968	8569.	0.00
6.2700	1.78E-04	22.3778	11.6042	-4.08E-05	1856.	7455147.	-4.795	8904.	0.00
6.6000	1.64E-04	25.9881	10.0535	-3.97E-05	1867.	7455147.	-4.603	9239.	0.00
6.9300	1.52E-04	29.0960	8.5687	-3.85E-05	1876.	7455147.	-4.395	9574.	0.00
7.2600	1.39E-04	31.7238	7.1548	-3.72E-05	1884.	7455147.	-4.174	9909.	0.00
7.5900	1.27E-04	33.8956	5.8157	-3.57E-05	1890.	7455147.	-3.942	10244.	0.00
7.9200	1.15E-04	35.6367	4.5547	-3.42E-05	1896.	7455147.	-3.701	10579.	0.00
8.2500	1.04E-04	36.9730	3.3742	-3.26E-05	1900.	7455147.	-3.454	10914.	0.00
8.5800	9.40E-05	37.9315	2.2759	-3.09E-05	1903.	7455147.	-3.203	11249.	0.00
8.9100	8.40E-05	38.5396	1.2607	-2.92E-05	1905.	7455147.	-2.950	11584.	0.00
9.2400	7.47E-05	38.8246	0.3290	-2.75E-05	1905.	7455147.	-2.697	11919.	0.00
9.5700	6.59E-05	38.8140	-0.520	-2.58E-05	1905.	7455147.	-2.447	12254.	0.00
9.9000	5.77E-05	38.5353	-1.286	-2.41E-05	1904.	7455147.	-2.200	12589.	0.00
10.2300	5.00E-05	38.0152	-1.972	-2.24E-05	1903.	7455147.	-1.958	12924.	0.00
10.5600	4.29E-05	37.2801	-2.580	-2.07E-05	1901.	7455147.	-1.724	13259.	0.00
10.8900	3.63E-05	36.3556	-3.111	-1.91E-05	1898.	7455147.	-1.497	13594.	0.00
11.2200	3.03E-05	35.2664	-3.569	-1.75E-05	1895.	7455147.	-1.279	13929.	0.00
11.5500	2.48E-05	34.0363	-3.957	-1.60E-05	1891.	7455147.	-1.072	14264.	0.00
11.8800	1.98E-05	32.6879	-4.278	-1.45E-05	1887.	7455147.	-0.875	14599.	0.00

12.2100	1.52E-05	31.2427	-4.537	-1.31E-05	1882.	7455147.	-0.689	14934.	0.00
12.5400	1.12E-05	29.7210	-4.735	-1.17E-05	1878.	7455147.	-0.516	15269.	0.00
12.8700	7.50E-06	28.1418	-4.879	-1.04E-05	1873.	7455147.	-0.355	15604.	0.00
13.2000	4.26E-06	26.5226	-4.972	-9.23E-06	1868.	7455147.	-0.206	15940.	0.00
13.5300	1.41E-06	24.8797	-5.017	-8.09E-06	1863.	7455147.	-0.06968	16275.	0.00
13.8600	-1.07E-06	23.2281	-5.020	-7.02E-06	1858.	7455147.	0.05409	16610.	0.00
14.1900	-3.22E-06	21.5814	-4.983	-6.03E-06	1853.	7455147.	0.1655	16945.	0.00
14.5200	-5.06E-06	19.9516	-4.912	-5.11E-06	1848.	7455147.	0.2647	17280.	0.00
14.8500	-6.60E-06	18.3498	-4.811	-4.26E-06	1844.	7455147.	0.3521	17615.	0.00
15.1800	-7.87E-06	16.7855	-4.682	-3.49E-06	1839.	7455147.	0.4281	17950.	0.00
15.5100	-8.90E-06	15.2670	-4.530	-2.78E-06	1834.	7455147.	0.4930	18285.	0.00
15.8400	-9.70E-06	13.8015	-4.358	-2.13E-06	1830.	7455147.	0.5475	18620.	0.00
16.1700	-1.03E-05	12.3950	-4.170	-1.55E-06	1826.	7455147.	0.5920	18955.	0.00
16.5000	-1.07E-05	11.0524	-3.969	-1.04E-06	1822.	7455147.	0.6272	19290.	0.00
16.8300	-1.10E-05	9.7776	-3.758	-5.75E-07	1818.	7455147.	0.6536	19625.	0.00
17.1600	-1.11E-05	8.5735	-3.539	-1.68E-07	1814.	7455147.	0.6719	19960.	0.00
17.4900	-1.11E-05	7.4421	-3.316	1.86E-07	1811.	7455147.	0.6828	20295.	0.00
17.8200	-1.10E-05	6.3848	-3.090	4.92E-07	1807.	7455147.	0.6868	20630.	0.00
18.1500	-1.08E-05	5.4020	-2.863	7.53E-07	1804.	7455147.	0.6847	20965.	0.00
18.4800	-1.05E-05	4.4935	-2.639	9.72E-07	1802.	7455147.	0.6770	21300.	0.00
18.8100	-1.01E-05	3.6585	-2.417	1.15E-06	1799.	7455147.	0.6645	21635.	0.00
19.1400	-9.73E-06	2.8957	-2.201	1.30E-06	1797.	7455147.	0.6477	21970.	0.00
19.4700	-9.28E-06	2.2033	-1.990	1.41E-06	1795.	7455147.	0.6272	22305.	0.00
19.8000	-8.80E-06	1.5792	-1.787	1.49E-06	1793.	7455147.	0.6036	22640.	0.00
20.1300	-8.29E-06	1.0206	-1.592	1.55E-06	1791.	7455147.	0.5774	22975.	0.00
20.4600	-7.77E-06	0.5249	-1.407	1.59E-06	1790.	7455147.	0.5491	23310.	0.00
20.7900	-7.25E-06	0.08901	-1.230	1.60E-06	1788.	7455147.	0.5192	23645.	0.00
21.1200	-6.72E-06	-0.290	-1.064	1.59E-06	1789.	7455147.	0.4882	23980.	0.00
21.4500	-6.19E-06	-0.617	-0.908	1.57E-06	1790.	7455147.	0.4564	24315.	0.00
21.7800	-5.68E-06	-0.893	-0.763	1.54E-06	1791.	7455147.	0.4242	24650.	0.00
22.1100	-5.18E-06	-1.123	-0.628	1.50E-06	1792.	7455147.	0.3920	24985.	0.00
22.4400	-4.69E-06	-1.311	-0.504	1.44E-06	1792.	7455147.	0.3599	25320.	0.00
22.7700	-4.22E-06	-1.459	-0.391	1.38E-06	1793.	7455147.	0.3284	25655.	0.00
23.1000	-3.78E-06	-1.571	-0.287	1.31E-06	1793.	7455147.	0.2977	25991.	0.00
23.4300	-3.36E-06	-1.651	-0.194	1.24E-06	1793.	7455147.	0.2678	26326.	0.00
23.7600	-2.96E-06	-1.702	-0.110	1.17E-06	1793.	7455147.	0.2390	26661.	0.00
24.0900	-2.59E-06	-1.727	-0.03596	1.09E-06	1793.	7455147.	0.2115	26996.	0.00
24.4200	-2.24E-06	-1.728	0.02952	1.02E-06	1793.	7455147.	0.1853	27331.	0.00
24.7500	-1.91E-06	-1.709	0.08658	9.41E-07	1793.	7455147.	0.1605	27666.	0.00
25.0800	-1.62E-06	-1.673	0.1357	8.66E-07	1793.	7455147.	0.1372	28001.	0.00
25.4100	-1.34E-06	-1.621	0.1774	7.93E-07	1793.	7455147.	0.1153	28336.	0.00
25.7400	-1.09E-06	-1.557	0.2121	7.22E-07	1793.	7455147.	0.09501	28671.	0.00
26.0700	-8.67E-07	-1.483	0.2403	6.55E-07	1793.	7455147.	0.07616	29006.	0.00
26.4000	-6.61E-07	-1.400	0.2626	5.91E-07	1792.	7455147.	0.05879	29341.	0.00
26.7300	-4.76E-07	-1.311	0.2794	5.31E-07	1792.	7455147.	0.04283	29676.	0.00
27.0600	-3.11E-07	-1.217	0.2911	4.75E-07	1792.	7455147.	0.02824	30011.	0.00
27.3900	-1.63E-07	-1.120	0.2982	4.24E-07	1792.	7455147.	0.01495	30346.	0.00
27.7200	-3.09E-08	-1.021	0.3011	3.76E-07	1791.	7455147.	0.00288	30681.	0.00
28.0500	8.58E-08	-0.922	0.3003	3.33E-07	1791.	7455147.	-0.00806	31016.	0.00
28.3800	1.89E-07	-0.823	0.2960	2.95E-07	1791.	7455147.	-0.01796	31351.	0.00

28.7100	2.80E-07	-0.727	0.2886	2.60E-07	1790.	7455147.	-0.02691	31686.	0.00
29.0400	3.61E-07	-0.634	0.2784	2.30E-07	1790.	7455147.	-0.03501	32021.	0.00
29.3700	4.32E-07	-0.544	0.2656	2.04E-07	1790.	7455147.	-0.04237	32356.	0.00
29.7000	4.96E-07	-0.459	0.2505	1.82E-07	1790.	7455147.	-0.04909	32691.	0.00
30.0300	5.52E-07	-0.379	0.2333	1.63E-07	1789.	7455147.	-0.05527	33026.	0.00
30.3600	6.03E-07	-0.305	0.2141	1.48E-07	1789.	7455147.	-0.06100	33361.	0.00
30.6900	6.50E-07	-0.238	0.1931	1.36E-07	1789.	7455147.	-0.06638	33696.	0.00
31.0200	6.93E-07	-0.178	0.1703	1.27E-07	1789.	7455147.	-0.07150	34031.	0.00
31.3500	7.34E-07	-0.126	0.1459	1.20E-07	1789.	7455147.	-0.07643	34366.	0.00
31.6800	7.73E-07	-0.08182	0.1199	1.16E-07	1788.	7455147.	-0.08126	34701.	0.00
32.0100	8.10E-07	-0.04679	0.09231	1.13E-07	1788.	7455147.	-0.08604	35036.	0.00
32.3400	8.47E-07	-0.02113	0.06313	1.11E-07	1788.	7455147.	-0.09082	35371.	0.00
32.6700	8.84E-07	-0.00536	0.03237	1.11E-07	1788.	7455147.	-0.09564	35707.	0.00
33.0000	9.20E-07	0.00	0.00	1.11E-07	1788.	7455147.	-0.101	18021.	0.00

* The above values of total stress are combined axial and bending stresses.

Output Summary for Load Case No. 3:

Pile-head deflection = 0.00038332 meters
Computed slope at pile head = 0.000000 radians
Maximum bending moment = -152.2954496 kN-m
Maximum shear force = 42.00000000 kN
Depth of maximum bending moment = 0.000000 meters below pile head
Depth of maximum shear force = 0.000000 meters below pile head
Number of iterations = 6
Number of zero deflection points = 2

Computed Values of Pile Loading and Deflection
for Lateral Loading for Load Case Number 4

Pile-head conditions are Shear and Pile-head Rotation (Loading Type 2)

Shear force at pile head = 140.0 kN
Rotation of pile head = 0.000E+00 radians
Axial load at pile head = 4263.0 kN

(Zero slope for this load indicates fixed-head conditions)

Depth X meters	Deflect. y meters	Bending Moment kN-m	Shear Force kN	Slope S radians	Total Stress kPa*	Bending Stiffness kN-m^2	Soil Res. p kN/m	Soil Spr. Es*H kN/m	Distrib. Lat. Load kN/m
0.00	0.00128	-508.330	140.0000	0.00	3947.	7455147.	-9.826	1267.	0.00
0.3300	0.00128	-462.649	136.5490	-2.15E-05	3809.	7455147.	-11.089	2867.	0.00

0.6600	0.00127	-418.147	132.6936	-4.10E-05	3674.	7455147.	-12.277	3201.	0.00
0.9900	0.00125	-374.956	128.4608	-5.85E-05	3544.	7455147.	-13.376	3533.	0.00
1.3200	0.00123	-333.198	123.8821	-7.42E-05	3418.	7455147.	-14.374	3865.	0.00
1.6500	0.00120	-292.985	118.9903	-8.81E-05	3297.	7455147.	-15.273	4199.	0.00
1.9800	0.00117	-254.417	113.8192	-1.00E-04	3180.	7455147.	-16.066	4535.	0.00
2.3100	0.00113	-217.583	108.4059	-1.11E-04	3069.	7455147.	-16.741	4871.	0.00
2.6400	0.00110	-182.558	102.7896	-1.19E-04	2963.	7455147.	-17.297	5208.	0.00
2.9700	0.00106	-149.405	97.0104	-1.27E-04	2863.	7455147.	-17.729	5544.	0.00
3.3000	0.00101	-118.174	91.1088	-1.33E-04	2769.	7455147.	-18.038	5880.	0.00
3.6300	9.68E-04	-88.900	85.1250	-1.37E-04	2681.	7455147.	-18.227	6216.	0.00
3.9600	9.22E-04	-61.605	79.0980	-1.41E-04	2598.	7455147.	-18.300	6552.	0.00
4.2900	8.75E-04	-36.299	73.0657	-1.43E-04	2522.	7455147.	-18.260	6888.	0.00
4.6200	8.27E-04	-12.980	67.0644	-1.44E-04	2452.	7455147.	-18.112	7224.	0.00
4.9500	7.80E-04	8.3680	61.1285	-1.44E-04	2438.	7455147.	-17.864	7559.	0.00
5.2800	7.32E-04	27.7701	55.2900	-1.43E-04	2496.	7455147.	-17.521	7895.	0.00
5.6100	6.85E-04	45.2624	49.5788	-1.42E-04	2549.	7455147.	-17.092	8231.	0.00
5.9400	6.39E-04	60.8905	44.0222	-1.39E-04	2596.	7455147.	-16.584	8566.	0.00
6.2700	5.93E-04	74.7089	38.6448	-1.36E-04	2638.	7455147.	-16.006	8902.	0.00
6.6000	5.49E-04	86.7795	33.4685	-1.33E-04	2674.	7455147.	-15.366	9237.	0.00
6.9300	5.06E-04	97.1714	28.5123	-1.29E-04	2706.	7455147.	-14.672	9572.	0.00
7.2600	4.64E-04	105.9595	23.7926	-1.24E-04	2732.	7455147.	-13.933	9908.	0.00
7.5900	4.24E-04	113.2237	19.3228	-1.19E-04	2754.	7455147.	-13.157	10243.	0.00
7.9200	3.85E-04	119.0481	15.1138	-1.14E-04	2772.	7455147.	-12.352	10578.	0.00
8.2500	3.49E-04	123.5200	11.1737	-1.09E-04	2785.	7455147.	-11.527	10913.	0.00
8.5800	3.14E-04	126.7288	7.5082	-1.03E-04	2795.	7455147.	-10.688	11248.	0.00
8.9100	2.80E-04	128.7658	4.1205	-9.76E-05	2801.	7455147.	-9.844	11584.	0.00
9.2400	2.49E-04	129.7228	1.0114	-9.18E-05	2804.	7455147.	-8.999	11919.	0.00
9.5700	2.20E-04	129.6918	-1.820	-8.61E-05	2804.	7455147.	-8.162	12254.	0.00
9.9000	1.92E-04	128.7637	-4.378	-8.04E-05	2801.	7455147.	-7.337	12589.	0.00
10.2300	1.67E-04	127.0286	-6.666	-7.47E-05	2796.	7455147.	-6.531	12924.	0.00
10.5600	1.43E-04	124.5745	-8.692	-6.92E-05	2788.	7455147.	-5.747	13259.	0.00
10.8900	1.21E-04	121.4867	-10.463	-6.37E-05	2779.	7455147.	-4.989	13594.	0.00
11.2200	1.01E-04	117.8481	-11.990	-5.84E-05	2768.	7455147.	-4.262	13929.	0.00
11.5500	8.26E-05	113.7380	-13.282	-5.33E-05	2756.	7455147.	-3.569	14264.	0.00
11.8800	6.58E-05	109.2321	-14.351	-4.84E-05	2742.	7455147.	-2.911	14599.	0.00
12.2100	5.06E-05	104.4025	-15.209	-4.36E-05	2727.	7455147.	-2.292	14934.	0.00
12.5400	3.70E-05	99.3168	-15.870	-3.91E-05	2712.	7455147.	-1.713	15269.	0.00
12.8700	2.48E-05	94.0383	-16.346	-3.48E-05	2696.	7455147.	-1.174	15604.	0.00
13.2000	1.40E-05	88.6262	-16.652	-3.08E-05	2680.	7455147.	-0.677	15940.	0.00
13.5300	4.51E-06	83.1348	-16.800	-2.70E-05	2663.	7455147.	-0.222	16275.	0.00
13.8600	-3.79E-06	77.6140	-16.805	-2.34E-05	2647.	7455147.	0.1910	16610.	0.00
14.1900	-1.10E-05	72.1091	-16.681	-2.01E-05	2630.	7455147.	0.5628	16945.	0.00
14.5200	-1.71E-05	66.6611	-16.441	-1.70E-05	2614.	7455147.	0.8941	17280.	0.00
14.8500	-2.22E-05	61.3063	-16.097	-1.42E-05	2597.	7455147.	1.1857	17615.	0.00
15.1800	-2.65E-05	56.0768	-15.664	-1.16E-05	2582.	7455147.	1.4391	17950.	0.00
15.5100	-2.99E-05	51.0005	-15.154	-9.25E-06	2566.	7455147.	1.6557	18285.	0.00
15.8400	-3.26E-05	46.1014	-14.577	-7.10E-06	2552.	7455147.	1.8373	18620.	0.00
16.1700	-3.46E-05	41.3995	-13.947	-5.16E-06	2537.	7455147.	1.9856	18955.	0.00
16.5000	-3.60E-05	36.9112	-13.272	-3.43E-06	2524.	7455147.	2.1026	19290.	0.00
16.8300	-3.68E-05	32.6496	-12.564	-1.89E-06	2511.	7455147.	2.1904	19625.	0.00

17.1600	-3.72E-05	28.6244	-11.831	-5.35E-07	2499.	7455147.	2.2511	19960.	0.00
17.4900	-3.72E-05	24.8427	-11.082	6.49E-07	2487.	7455147.	2.2869	20295.	0.00
17.8200	-3.68E-05	21.3085	-10.325	1.67E-06	2477.	7455147.	2.2999	20630.	0.00
18.1500	-3.61E-05	18.0233	-9.568	2.54E-06	2467.	7455147.	2.2924	20965.	0.00
18.4800	-3.51E-05	14.9867	-8.815	3.27E-06	2458.	7455147.	2.2664	21300.	0.00
18.8100	-3.39E-05	12.1960	-8.074	3.87E-06	2449.	7455147.	2.2241	21635.	0.00
19.1400	-3.26E-05	9.6467	-7.350	4.36E-06	2441.	7455147.	2.1675	21970.	0.00
19.4700	-3.10E-05	7.3329	-6.646	4.73E-06	2434.	7455147.	2.0986	22305.	0.00
19.8000	-2.94E-05	5.2472	-5.966	5.01E-06	2428.	7455147.	2.0194	22640.	0.00
20.1300	-2.77E-05	3.3810	-5.315	5.20E-06	2423.	7455147.	1.9315	22975.	0.00
20.4600	-2.60E-05	1.7249	-4.693	5.31E-06	2418.	7455147.	1.8366	23310.	0.00
20.7900	-2.42E-05	0.2688	-4.103	5.36E-06	2413.	7455147.	1.7365	23645.	0.00
21.1200	-2.25E-05	-0.998	-3.547	5.34E-06	2415.	7455147.	1.6324	23980.	0.00
21.4500	-2.07E-05	-2.087	-3.026	5.27E-06	2419.	7455147.	1.5259	24315.	0.00
21.7800	-1.90E-05	-3.010	-2.540	5.16E-06	2421.	7455147.	1.4180	24650.	0.00
22.1100	-1.73E-05	-3.779	-2.090	5.01E-06	2424.	7455147.	1.3100	24985.	0.00
22.4400	-1.57E-05	-4.404	-1.676	4.83E-06	2426.	7455147.	1.2028	25320.	0.00
22.7700	-1.41E-05	-4.898	-1.296	4.62E-06	2427.	7455147.	1.0973	25655.	0.00
23.1000	-1.26E-05	-5.273	-0.951	4.40E-06	2428.	7455147.	0.9943	25991.	0.00
23.4300	-1.12E-05	-5.538	-0.639	4.16E-06	2429.	7455147.	0.8944	26326.	0.00
23.7600	-9.88E-06	-5.706	-0.360	3.91E-06	2430.	7455147.	0.7981	26661.	0.00
24.0900	-8.63E-06	-5.787	-0.112	3.66E-06	2430.	7455147.	0.7060	26996.	0.00
24.4200	-7.47E-06	-5.791	0.1064	3.40E-06	2430.	7455147.	0.6183	27331.	0.00
24.7500	-6.39E-06	-5.726	0.2968	3.15E-06	2430.	7455147.	0.5354	27666.	0.00
25.0800	-5.39E-06	-5.604	0.4606	2.89E-06	2429.	7455147.	0.4573	28001.	0.00
25.4100	-4.48E-06	-5.431	0.5995	2.65E-06	2429.	7455147.	0.3843	28336.	0.00
25.7400	-3.64E-06	-5.215	0.7151	2.41E-06	2428.	7455147.	0.3163	28671.	0.00
26.0700	-2.88E-06	-4.965	0.8090	2.19E-06	2427.	7455147.	0.2533	29006.	0.00
26.4000	-2.20E-06	-4.688	0.8830	1.98E-06	2427.	7455147.	0.1952	29341.	0.00
26.7300	-1.58E-06	-4.388	0.9387	1.77E-06	2426.	7455147.	0.1419	29676.	0.00
27.0600	-1.02E-06	-4.073	0.9775	1.59E-06	2425.	7455147.	0.09314	30011.	0.00
27.3900	-5.30E-07	-3.748	1.0009	1.41E-06	2424.	7455147.	0.04874	30346.	0.00
27.7200	-9.07E-08	-3.416	1.0103	1.26E-06	2423.	7455147.	0.00843	30681.	0.00
28.0500	2.99E-07	-3.084	1.0071	1.11E-06	2422.	7455147.	-0.02809	31016.	0.00
28.3800	6.43E-07	-2.755	0.9923	9.83E-07	2421.	7455147.	-0.06111	31351.	0.00
28.7100	9.47E-07	-2.432	0.9672	8.68E-07	2420.	7455147.	-0.09098	31686.	0.00
29.0400	1.22E-06	-2.119	0.9328	7.67E-07	2419.	7455147.	-0.118	32021.	0.00
29.3700	1.45E-06	-1.819	0.8898	6.80E-07	2418.	7455147.	-0.143	32356.	0.00
29.7000	1.67E-06	-1.534	0.8390	6.06E-07	2417.	7455147.	-0.165	32691.	0.00
30.0300	1.85E-06	-1.267	0.7812	5.44E-07	2416.	7455147.	-0.186	33026.	0.00
30.3600	2.02E-06	-1.020	0.7168	4.93E-07	2415.	7455147.	-0.205	33361.	0.00
30.6900	2.18E-06	-0.795	0.6463	4.53E-07	2415.	7455147.	-0.223	33696.	0.00
31.0200	2.32E-06	-0.594	0.5701	4.22E-07	2414.	7455147.	-0.240	34031.	0.00
31.3500	2.46E-06	-0.420	0.4883	4.00E-07	2414.	7455147.	-0.256	34366.	0.00
31.6800	2.59E-06	-0.273	0.4012	3.85E-07	2413.	7455147.	-0.272	34701.	0.00
32.0100	2.71E-06	-0.156	0.3088	3.75E-07	2413.	7455147.	-0.288	35036.	0.00
32.3400	2.83E-06	-0.07040	0.2112	3.70E-07	2413.	7455147.	-0.304	35371.	0.00
32.6700	2.96E-06	-0.01779	0.1082	3.68E-07	2412.	7455147.	-0.320	35707.	0.00
33.0000	3.08E-06	0.00	0.00	3.68E-07	2412.	7455147.	-0.336	18021.	0.00

* The above values of total stress are combined axial and bending stresses.

Output Summary for Load Case No. 4:

Pile-head deflection = 0.00128000 meters
Computed slope at pile head = 0.000000 radians
Maximum bending moment = -508.3300551 kN-m
Maximum shear force = 140.00000000 kN
Depth of maximum bending moment = 0.000000 meters below pile head
Depth of maximum shear force = 0.000000 meters below pile head
Number of iterations = 6
Number of zero deflection points = 2

Computed Values of Pile Loading and Deflection
for Lateral Loading for Load Case Number 5

Pile-head conditions are Shear and Pile-head Rotation (Loading Type 2)

Shear force at pile head = 39.0 kN
Rotation of pile head = 0.000E+00 radians
Axial load at pile head = 3880.0 kN

(Zero slope for this load indicates fixed-head conditions)

Depth X meters	Deflect. y meters	Bending Moment kN-m	Shear Force kN	Slope S radians	Total Stress kPa*	Bending Stiffness kN-m^2	Soil Res. p kN/m	Soil Spr. Es*H kN/m	Distrib. Lat. Load kN/m
0.00	3.56E-04	-141.492	39.0000	0.00	2623.	7455147.	-2.739	1269.	0.00
0.3300	3.55E-04	-128.767	38.0380	-5.98E-06	2584.	7455147.	-3.091	2873.	0.00
0.6600	3.52E-04	-116.372	36.9631	-1.14E-05	2547.	7455147.	-3.423	3208.	0.00
0.9900	3.48E-04	-104.343	35.7826	-1.63E-05	2511.	7455147.	-3.731	3542.	0.00
1.3200	3.41E-04	-92.714	34.5051	-2.07E-05	2475.	7455147.	-4.012	3877.	0.00
1.6500	3.34E-04	-81.516	33.1398	-2.45E-05	2442.	7455147.	-4.263	4212.	0.00
1.9800	3.25E-04	-70.779	31.6969	-2.79E-05	2409.	7455147.	-4.482	4547.	0.00
2.3100	3.16E-04	-60.525	30.1871	-3.08E-05	2378.	7455147.	-4.669	4882.	0.00
2.6400	3.05E-04	-50.776	28.6212	-3.32E-05	2349.	7455147.	-4.821	5218.	0.00
2.9700	2.94E-04	-41.550	27.0105	-3.53E-05	2321.	7455147.	-4.940	5553.	0.00
3.3000	2.82E-04	-32.859	25.3662	-3.69E-05	2295.	7455147.	-5.025	5888.	0.00
3.6300	2.69E-04	-24.714	23.6994	-3.82E-05	2270.	7455147.	-5.077	6223.	0.00
3.9600	2.56E-04	-17.120	22.0209	-3.91E-05	2247.	7455147.	-5.096	6558.	0.00
4.2900	2.43E-04	-10.080	20.3412	-3.97E-05	2226.	7455147.	-5.084	6893.	0.00
4.6200	2.30E-04	-3.593	18.6703	-4.00E-05	2206.	7455147.	-5.042	7228.	0.00
4.9500	2.17E-04	2.3454	17.0179	-4.01E-05	2203.	7455147.	-4.973	7563.	0.00
5.2800	2.04E-04	7.7418	15.3928	-3.98E-05	2219.	7455147.	-4.877	7898.	0.00

5.6100	1.91E-04	12.6067	13.8032	-3.94E-05	2234.	7455147.	-4.757	8233.	0.00
5.9400	1.78E-04	16.9528	12.2568	-3.87E-05	2247.	7455147.	-4.615	8569.	0.00
6.2700	1.65E-04	20.7954	10.7603	-3.79E-05	2258.	7455147.	-4.454	8904.	0.00
6.6000	1.53E-04	24.1517	9.3198	-3.69E-05	2269.	7455147.	-4.276	9239.	0.00
6.9300	1.41E-04	27.0410	7.9407	-3.58E-05	2277.	7455147.	-4.083	9574.	0.00
7.2600	1.29E-04	29.4842	6.6273	-3.45E-05	2285.	7455147.	-3.877	9909.	0.00
7.5900	1.18E-04	31.5035	5.3836	-3.32E-05	2291.	7455147.	-3.661	10244.	0.00
7.9200	1.07E-04	33.1223	4.2124	-3.17E-05	2296.	7455147.	-3.437	10579.	0.00
8.2500	9.70E-05	34.3650	3.1161	-3.03E-05	2299.	7455147.	-3.207	10914.	0.00
8.5800	8.72E-05	35.2564	2.0961	-2.87E-05	2302.	7455147.	-2.974	11249.	0.00
8.9100	7.80E-05	35.8219	1.1534	-2.71E-05	2304.	7455147.	-2.739	11584.	0.00
9.2400	6.93E-05	36.0872	0.2883	-2.56E-05	2305.	7455147.	-2.504	11919.	0.00
9.5700	6.12E-05	36.0776	-0.500	-2.40E-05	2305.	7455147.	-2.271	12254.	0.00
9.9000	5.35E-05	35.8187	-1.211	-2.24E-05	2304.	7455147.	-2.042	12589.	0.00
10.2300	4.64E-05	35.3354	-1.848	-2.08E-05	2302.	7455147.	-1.818	12924.	0.00
10.5600	3.98E-05	34.6522	-2.412	-1.92E-05	2300.	7455147.	-1.599	13259.	0.00
10.8900	3.37E-05	33.7928	-2.905	-1.77E-05	2298.	7455147.	-1.389	13594.	0.00
11.2200	2.81E-05	32.7803	-3.330	-1.63E-05	2295.	7455147.	-1.186	13929.	0.00
11.5500	2.30E-05	31.6367	-3.690	-1.48E-05	2291.	7455147.	-0.994	14264.	0.00
11.8800	1.83E-05	30.3831	-3.987	-1.35E-05	2287.	7455147.	-0.811	14599.	0.00
12.2100	1.41E-05	29.0395	-4.226	-1.21E-05	2283.	7455147.	-0.638	14934.	0.00
12.5400	1.03E-05	27.6248	-4.410	-1.09E-05	2279.	7455147.	-0.477	15269.	0.00
12.8700	6.92E-06	26.1565	-4.543	-9.69E-06	2275.	7455147.	-0.327	15604.	0.00
13.2000	3.92E-06	24.6511	-4.628	-8.57E-06	2270.	7455147.	-0.189	15940.	0.00
13.5300	1.27E-06	23.1237	-4.670	-7.51E-06	2265.	7455147.	-0.06263	16275.	0.00
13.8600	-1.04E-06	21.5881	-4.672	-6.52E-06	2261.	7455147.	0.05232	16610.	0.00
14.1900	-3.03E-06	20.0570	-4.637	-5.60E-06	2256.	7455147.	0.1558	16945.	0.00
14.5200	-4.73E-06	18.5418	-4.571	-4.74E-06	2252.	7455147.	0.2479	17280.	0.00
14.8500	-6.17E-06	17.0525	-4.476	-3.96E-06	2247.	7455147.	0.3291	17615.	0.00
15.1800	-7.35E-06	15.5980	-4.355	-3.23E-06	2243.	7455147.	0.3996	17950.	0.00
15.5100	-8.30E-06	14.1862	-4.214	-2.58E-06	2238.	7455147.	0.4599	18285.	0.00
15.8400	-9.05E-06	12.8237	-4.053	-1.98E-06	2234.	7455147.	0.5104	18620.	0.00
16.1700	-9.60E-06	11.5161	-3.878	-1.44E-06	2230.	7455147.	0.5517	18955.	0.00
16.5000	-1.00E-05	10.2678	-3.691	-9.56E-07	2227.	7455147.	0.5843	19290.	0.00
16.8300	-1.02E-05	9.0826	-3.494	-5.28E-07	2223.	7455147.	0.6087	19625.	0.00
17.1600	-1.03E-05	7.9632	-3.290	-1.51E-07	2220.	7455147.	0.6256	19960.	0.00
17.4900	-1.03E-05	6.9115	-3.082	1.78E-07	2216.	7455147.	0.6356	20295.	0.00
17.8200	-1.02E-05	5.9285	-2.872	4.63E-07	2214.	7455147.	0.6393	20630.	0.00
18.1500	-1.00E-05	5.0149	-2.661	7.05E-07	2211.	7455147.	0.6372	20965.	0.00
18.4800	-9.76E-06	4.1704	-2.452	9.08E-07	2208.	7455147.	0.6300	21300.	0.00
18.8100	-9.43E-06	3.3943	-2.246	1.08E-06	2206.	7455147.	0.6183	21635.	0.00
19.1400	-9.05E-06	2.6853	-2.045	1.21E-06	2204.	7455147.	0.6026	21970.	0.00
19.4700	-8.63E-06	2.0417	-1.849	1.31E-06	2202.	7455147.	0.5835	22305.	0.00
19.8000	-8.18E-06	1.4616	-1.660	1.39E-06	2200.	7455147.	0.5615	22640.	0.00
20.1300	-7.71E-06	0.9426	-1.479	1.45E-06	2198.	7455147.	0.5370	22975.	0.00
20.4600	-7.23E-06	0.4820	-1.306	1.48E-06	2197.	7455147.	0.5107	23310.	0.00
20.7900	-6.74E-06	0.07694	-1.142	1.49E-06	2196.	7455147.	0.4829	23645.	0.00
21.1200	-6.25E-06	-0.276	-0.987	1.48E-06	2196.	7455147.	0.4539	23980.	0.00
21.4500	-5.76E-06	-0.579	-0.842	1.47E-06	2197.	7455147.	0.4243	24315.	0.00
21.7800	-5.28E-06	-0.835	-0.707	1.43E-06	2198.	7455147.	0.3944	24650.	0.00

22.1100	-4.81E-06	-1.049	-0.582	1.39E-06	2199.	7455147.	0.3643	24985.	0.00
22.4400	-4.36E-06	-1.223	-0.467	1.34E-06	2199.	7455147.	0.3345	25320.	0.00
22.7700	-3.93E-06	-1.361	-0.361	1.29E-06	2200.	7455147.	0.3052	25655.	0.00
23.1000	-3.51E-06	-1.465	-0.265	1.22E-06	2200.	7455147.	0.2766	25991.	0.00
23.4300	-3.12E-06	-1.539	-0.179	1.16E-06	2200.	7455147.	0.2488	26326.	0.00
23.7600	-2.75E-06	-1.586	-0.101	1.09E-06	2200.	7455147.	0.2220	26661.	0.00
24.0900	-2.40E-06	-1.608	-0.03186	1.02E-06	2200.	7455147.	0.1964	26996.	0.00
24.4200	-2.08E-06	-1.609	0.02894	9.45E-07	2200.	7455147.	0.1720	27331.	0.00
24.7500	-1.78E-06	-1.591	0.08191	8.75E-07	2200.	7455147.	0.1490	27666.	0.00
25.0800	-1.50E-06	-1.557	0.1275	8.05E-07	2200.	7455147.	0.1273	28001.	0.00
25.4100	-1.25E-06	-1.509	0.1661	7.37E-07	2200.	7455147.	0.1070	28336.	0.00
25.7400	-1.01E-06	-1.450	0.1983	6.72E-07	2200.	7455147.	0.08807	28671.	0.00
26.0700	-8.03E-07	-1.380	0.2245	6.09E-07	2200.	7455147.	0.07055	29006.	0.00
26.4000	-6.12E-07	-1.303	0.2451	5.50E-07	2200.	7455147.	0.05440	29341.	0.00
26.7300	-4.40E-07	-1.220	0.2606	4.94E-07	2199.	7455147.	0.03957	29676.	0.00
27.0600	-2.86E-07	-1.132	0.2714	4.42E-07	2199.	7455147.	0.02601	30011.	0.00
27.3900	-1.49E-07	-1.042	0.2780	3.93E-07	2199.	7455147.	0.01366	30346.	0.00
27.7200	-2.63E-08	-0.950	0.2806	3.49E-07	2198.	7455147.	0.00244	30681.	0.00
28.0500	8.21E-08	-0.858	0.2798	3.09E-07	2198.	7455147.	-0.00771	31016.	0.00
28.3800	1.78E-07	-0.766	0.2757	2.73E-07	2198.	7455147.	-0.01690	31351.	0.00
28.7100	2.63E-07	-0.676	0.2688	2.42E-07	2198.	7455147.	-0.02521	31686.	0.00
29.0400	3.37E-07	-0.589	0.2592	2.14E-07	2197.	7455147.	-0.03274	32021.	0.00
29.3700	4.04E-07	-0.506	0.2473	1.89E-07	2197.	7455147.	-0.03957	32356.	0.00
29.7000	4.62E-07	-0.426	0.2332	1.69E-07	2197.	7455147.	-0.04580	32691.	0.00
30.0300	5.15E-07	-0.352	0.2171	1.51E-07	2197.	7455147.	-0.05153	33026.	0.00
30.3600	5.62E-07	-0.284	0.1992	1.37E-07	2196.	7455147.	-0.05684	33361.	0.00
30.6900	6.06E-07	-0.221	0.1797	1.26E-07	2196.	7455147.	-0.06183	33696.	0.00
31.0200	6.46E-07	-0.165	0.1585	1.18E-07	2196.	7455147.	-0.06658	34031.	0.00
31.3500	6.83E-07	-0.117	0.1358	1.11E-07	2196.	7455147.	-0.07115	34366.	0.00
31.6800	7.19E-07	-0.07600	0.1115	1.07E-07	2196.	7455147.	-0.07562	34701.	0.00
32.0100	7.54E-07	-0.04344	0.08586	1.05E-07	2196.	7455147.	-0.08004	35036.	0.00
32.3400	7.88E-07	-0.01960	0.05871	1.03E-07	2196.	7455147.	-0.08447	35371.	0.00
32.6700	8.22E-07	-0.00496	0.03010	1.03E-07	2196.	7455147.	-0.08894	35707.	0.00
33.0000	8.56E-07	0.00	0.00	1.02E-07	2196.	7455147.	-0.09347	18021.	0.00

* The above values of total stress are combined axial and bending stresses.

Output Summary for Load Case No. 5:

Pile-head deflection = 0.00035614 meters
Computed slope at pile head = 0.000000 radians
Maximum bending moment = -141.4923511 kN-m
Maximum shear force = 39.00000000 kN
Depth of maximum bending moment = 0.000000 meters below pile head
Depth of maximum shear force = 0.000000 meters below pile head
Number of iterations = 6
Number of zero deflection points = 2

Summary of Pile-head Responses for Conventional Analyses

Definitions of Pile-head Loading Conditions:

Load Type 1: Load 1 = Shear, V, kN, and Load 2 = Moment, M, kN-m
Load Type 2: Load 1 = Shear, V, kN, and Load 2 = Slope, S, radians
Load Type 3: Load 1 = Shear, V, kN, and Load 2 = Rot. Stiffness, R, kN-m/rad.
Load Type 4: Load 1 = Top Deflection, y, m, and Load 2 = Moment, M, kN-m
Load Type 5: Load 1 = Top Deflection, y, m, and Load 2 = Slope, S, radians

Load Case No.	Load Type 1	Pile-head Load 1	Load Type 2	Pile-head Load 2	Axial Loading kN	Pile-head Deflection meters	Pile-head Rotation radians	Max Shear in Pile kN	Max Moment in Pile kN-m
1	V, kN	122.0000	S, rad	0.00	3991.	0.00111	0.00	122.0000	-442.823
2	V, kN	68.0000	S, rad	0.00	3743.	6.21E-04	0.00	68.0000	-246.701
3	V, kN	42.0000	S, rad	0.00	3160.	3.83E-04	0.00	42.0000	-152.295
4	V, kN	140.0000	S, rad	0.00	4263.	0.00128	0.00	140.0000	-508.330
5	V, kN	39.0000	S, rad	0.00	3880.	3.56E-04	0.00	39.0000	-141.492

Maximum pile-head deflection = 0.0012800043 meters
Maximum pile-head rotation = -0.0000000000 radians = -0.000000 deg.

The analysis ended normally.

9.3 OUTPUT DI CALCOLO RC-SEC

DATI GENERALI SEZIONE CIRCOLARE DI PALO IN C.A.

NOME SEZIONE: 18phi26

Descrizione Sezione:	
Metodo di calcolo resistenza:	Stati Limite Ultimi
Normativa di riferimento:	N.T.C.
Tipologia sezione:	Sezione predefinita di Palo
Forma della sezione:	Circolare
Percorso sollecitazione:	A Sforzo Norm. costante
Condizioni Ambientali:	Poco aggressive
Riferimento Sforzi assegnati:	Assi x,y principali d'inerzia
Riferimento alla sismicità:	Comb. non sismiche

CARATTERISTICHE DI RESISTENZA DEI MATERIALI IMPIEGATI

CALCESTRUZZO -	Classe:	C25/30	
	Resistenza compress. di progetto fcd:	14.16	MPa
	Resistenza compress. ridotta fcd':	7.08	MPa
	Deform. unitaria max resistenza ec2:	0.0020	
	Deformazione unitaria ultima ecu:	0.0035	
	Diagramma tensioni-deformaz.:	Parabola-Rettangolo	
	Modulo Elastico Normale Ec:	31475.0	MPa
	Resis. media a trazione fctm:	2.56	MPa
	Coeff.Omogen. S.L.E.:	15.00	
	Sc limite S.L.E. comb. Rare:	15.0	MPa
ACCIAIO -	Tipo:	B450C	
	Resist. caratt. a snervamento fyk:	450.0	MPa
	Resist. caratt. a rottura ftk:	450.0	MPa
	Resist. a snerv. di progetto fyd:	391.3	MPa
	Resist. ultima di progetto ftd:	391.3	MPa
	Deform. ultima di progetto Epu:	0.068	
	Modulo Elastico Ef:	200000.0	MPa
	Diagramma tensioni-deformaz.:	Bilineare finito	
	Coeff. Aderenza istant. ß1*ß2:	1.00	
	Coeff. Aderenza differito ß1*ß2:	0.50	
	Comb.Rare - Sf Limite:	360.0	MPa

CARATTERISTICHE GEOMETRICHE ED ARMATURE SEZIONE

Diametro sezione:	80.0	cm
Barre circonferenza:	18Ø26	(95.6 cm²)
Coprif.(dal baric. barre):	10.0	cm

CALCOLO DI RESISTENZA - SFORZI PER OGNI COMBINAZIONE ASSEGNATA

N	Sforzo normale [kN] applicato nel baricentro (posit. se di compress.)
Mx	Momento flettente [kNm] intorno all'asse x baric. della sezione con verso positivo se tale da comprimere il lembo sup. della sezione
VY	Taglio [kN] in direzione parallela all'asse Y del riferim. generale
MT	Momento torcente [kN m]

N°Comb.	N	Mx	Vy	MT
1	30.00	902.00	318.00	0.00

COMB. RARE (S.L.E.) - SFORZI PER OGNI COMBINAZIONE ASSEGNATA

N	Sforzo normale [kN] applicato nel baricentro (positivo se di compress.)
Mx	Coppia [kNm] applicata all'asse x baricentrico (tra parentesi il Momento di fessurazione)

con verso positivo se tale da comprimere il lembo superiore della sezione

N°Comb.	N	Mx
1	30.00	475.00

RISULTATI DEL CALCOLO

Sezione verificata per tutte le combinazioni assegnate

Copriferro netto minimo barre longitudinali:	8.7	cm	
Interferro netto minimo barre longitudinali:	7.8	cm	
Interferro massimo barre longitudinali:	0.0	cm	[deve essere < 0.0]
Copriferro netto minimo staffe:	7.5	cm	

VERIFICHE DI RESISTENZA IN PRESSO-TENSO FLESSIONE ALLO STATO LIMITE ULTIMO

Ver	S = combinazione verificata / N = combin. non verificata
N	Sforzo normale baricentrico assegnato [kN] (positivo se di compressione)
Mx	Momento flettente assegnato [kNm] riferito all'asse x baricentrico
N Ult	Sforzo normale alla massima resistenza [kN] nella sezione (positivo se di compress.)
Mx rd	Momento resistente ultimo [kNm] riferito all'asse x baricentrico
Mis.Sic.	Misura sicurezza = rapporto vettoriale tra (N rd,Mx rd) e (N,Mx)
	Verifica positiva se tale rapporto risulta >=1.000
Yn	Ordinata [cm] dell'asse neutro alla massima resistenza nel sistema di rif. X,Y,O sez.
As Tot.	Area complessiva armature long. pilastro [cm²]. (tra parentesi l'area minima di normativa)

N°Comb	Ver	N	Mx	N rd	Mx rd	Mis.Sic.	Yn	x/d	C.Rid.	As Tot.
1	S	30.00	902.00	30.11	953.19	1.057	15.4	---	---	95.6 (15.1)

DEFORMAZIONI UNITARIE ALLO STATO LIMITE ULTIMO

ec max	Deform. unit. massima del calcestruzzo a compressione
Yc max	Ordinata in cm della fibra corrisp. a ec max (sistema rif. X,Y,O sez.)
es min	Deform. unit. minima nell'acciaio (negativa se di trazione)
Ys min	Ordinata in cm della barra corrisp. a es min (sistema rif. X,Y,O sez.)
es max	Deform. unit. massima nell'acciaio (positiva se di compressione)
Ys max	Ordinata in cm della barra corrisp. a es max (sistema rif. X,Y,O sez.)

N°Comb	ec max	Yc max	es min	Ys min	es max	Ys max
1	0.00350	40.0	0.00208	30.0	-0.00645	-30.0

ARMATURE A TAGLIO E/O TORSIONE DI INVILUPPO PER LE COMBINAZIONI ASSEGNATE

Diametro staffe/legature:	12	mm	
Passo staffe:	25.0	cm	[Passo massimo di normativa = 25.0 cm]
N.Bracci staffe:	2		
Area staffe/m :	9.0	cm²/m	[Area Staffe Minima NTC = 2.3 cm²/m]

VERIFICHE A TAGLIO

Ver	S = comb.verificata a taglio-tors./ N = comb. non verificata
Ved	Taglio agente [kN] uguale al taglio Vy di comb. (sollecit. retta)
Vrd	Taglio resistente [kN] in assenza di staffe [formula (4.1.23)NTC]
Vcd	Taglio compressione resistente [kN] lato calcestruzzo [formula (4.1.28)NTC]
Vwd	Taglio trazione resistente [kN] assorbito dalle staffe [formula (4.1.27)NTC]
bw|z	Larghezza minima [cm] sezione misurata parallelam. all'asse neutro | Braccio coppia interna
Ctg	Cotangente dell'angolo di inclinazione dei puntoni di calcestruzzo
Acw	Coefficiente maggiorativo della resistenza a taglio per compressione

Ast Area staffe/metro strettamente necessaria per taglio e torsione [cm²/m]

N°Comb	Ver	Ved	Vcd	Vwd	bw| z	Ctg	Acw	ASt
1	S	318.00	892.13	456.26	70.6| 51.5	2.500	1.004	6.3

COMBINAZIONI RARE IN ESERCIZIO - VERIFICA MASSIME TENSIONI NORMALI

Ver S = combinazione verificata / N = combin. non verificata
Sc max Massima tensione di compress.(+) nel conglom. in fase fessurata ([MPa]
Yc max Ordinata in cm della fibra corrisp. a Sc max (sistema rif. X,Y,O)
Sc min Minima tensione di compress.(+) nel conglom. in fase fessurata ([MPa]
Yc min Ordinata in cm della fibra corrisp. a Sc min (sistema rif. X,Y,O)
Ss min Minima tensione di trazione (-) nell'acciaio [MPa]
Ys min Ordinata in cm della barra corrisp. a Ss min (sistema rif. X,Y,O)
Dw Eff. Spessore di calcestruzzo [cm] in zona tesa considerata aderente alle barre
Ac eff. Area di congl. [cm²] in zona tesa aderente alle barre (verifica fess.)
As eff. Area Barre tese di acciaio [cm²] ricadente nell'area efficace(verifica fess.)

N°Comb	Ver	Sc max	Yc max	Sc min	Yc min	Ss min	Ys min	Dw Eff.	Ac Eff.	As Eff.	D barre
1	S	11.45	-40.0	0.00	40.0	-259.1	30.0	25.0	1823	37.2	----

COMBINAZIONI RARE IN ESERCIZIO - VERIFICA APERTURA FESSURE (NTC/EC2)

Ver Esito verifica
e1 Minima deformazione unitaria (trazione: segno -) nel calcestruzzo in sez. fessurata
e2 Massima deformazione unitaria (compress.: segno +) nel calcestruzzo in sez. fessurata
K2 = 0.5 per flessione; =(e1 + e2)/(2*e2)in trazione eccentrica per la (7.13)EC2 e la (C4.1.11)NTC
Kt fattore di durata del carico di cui alla (7.9) dell'EC2
e sm Deformazione media acciaio tra le fessure al netto di quella del cls. Tra parentesi il valore minimo = 0.6 Ss/Es
srm Distanza massima in mm tra le fessure
wk Apertura delle fessure in mm fornito dalla (7.8)EC2 e dalla (C4.1.7)NTC. Tra parentesi è indicato il valore limite.
M fess. Momento di prima fessurazione [kNm]

N°Comb	Ver	e1	e2	e3	K2	Kt	e sm	srm	wk	M Fess.
1	S	-0.00160	0.00086		0.50	0.60	0.000870 (0.000777)	513	0.446 (990.00)	171.08

9.4 OUTPUT DI CALCOLO PLAXIS

PILE DEI VIADOTTI – TIPO 1 – Analisi DRENATA

Elaborato
2758-PILE-TIPO1-DR-COPERTINA.DOCX

PLAXIS Report

1.1.1.1.1 Materials - Soil and interfaces - Hardening Soil

Identification number		1	2	4	5
Identification		STRATO B	STRATO C	STRATO A	STRATO A'
Soil model		Hardening Soil	Hardening Soil	Hardening Soil	Hardening Soil
Drainage type		Drained	Drained	Drained	Drained
Colour					
Comments					
γ_unsat	kN/m³	18,50	18,50	18,50	18,50
γ_sat	kN/m³	19,00	19,00	19,00	19,00
e_init		0,5000	0,5000	0,5000	0,5000
n_init		0,3333	0,3333	0,3333	0,3333
Input method		Direct	Direct	Direct	Direct
Rayleigh α		0,000	0,000	0,000	0,000
Rayleigh β		0,000	0,000	0,000	0,000
Identification number		1	2	4	5
Identification		STRATO B	STRATO C	STRATO A	STRATO A'
Soil model		Hardening Soil	Hardening Soil	Hardening Soil	Hardening Soil
Drainage type		Drained	Drained	Drained	Drained
Colour					
Comments					
E_50^ref	kN/m²	30,00E3	45,00E3	7500	5000
E_oed^ref	kN/m²	30,00E3	45,00E3	7500	5000
E_ur^ref	kN/m²	90,00E3	135,0E3	21,50E3	15,00E3
ν_ur		0,2000	0,2000	0,2000	0,2000
Use defaults		False	False	True	True

Identification number		1	2	4	5
K_0^nc		0,5930	0,5930	0,6254	0,8264
R_f		0,9000	0,9000	0,9000	0,9000
Determination		ν-undrained definition	ν-undrained definition	ν-undrained definition	ν-undrained definition
ν_u definition method		Direct	Direct	Direct	Direct
ν_u,equivalent (nu)		0,4950	0,4950	0,4950	0,4950
Skempton B		0,9866	0,9866	0,9866	0,9866
K_w,ref/n	kN/m²	3,687E6	5,531E6	880,9E3	614,6E3
Identification number		1	2	4	5
Identification		STRATO B	STRATO C	STRATO A	STRATO A'
Soil model		Hardening Soil	Hardening Soil	Hardening Soil	Hardening Soil
Drainage type		Drained	Drained	Drained	Drained
Colour					
Comments					
Classification type		Standard	Standard	Standard	Standard
Soil class (Standard)		Coarse	Coarse	Coarse	Coarse
< 2 µm	%	10,00	10,00	10,00	10,00
2 µm - 50 µm	%	13,00	13,00	13,00	13,00
50 µm - 2 mm	%	77,00	77,00	77,00	77,00
Identification number		1	2	4	5
Identification		STRATO B	STRATO C	STRATO A	STRATO A'
Soil model		Hardening Soil	Hardening Soil	Hardening Soil	Hardening Soil
Drainage type		Drained	Drained	Drained	Drained
Colour					
Comments					
c_s	kJ/t/K	0,000	0,000	0,000	0,000
λ_s	kW/m/K	0,000	0,000	0,000	0,000

Identification number		1	2	4	5
ρ_s	t/m³	0,000	0,000	0,000	0,000
Thermal expansion type		Isotropic	Isotropic	Isotropic	Isotropic
α_sv	1/K	0,000	0,000	0,000	0,000
Phase change		False	False	False	False
D_v	m²/day	0,000	0,000	0,000	0,000
f_Tv		0,000	0,000	0,000	0,000
Identification number		1	2	4	5
Identification		STRATO B	STRATO C	STRATO A	STRATO A'
Soil model		Hardening Soil	Hardening Soil	Hardening Soil	Hardening Soil
Drainage type		Drained	Drained	Drained	Drained
Colour					
Comments					
Stiffness determination		Derived	Derived	Derived	Derived
Strength determination		Manual	Manual	Manual	Manual
R_inter		0,6600	0,6600	0,6600	0,6600
Consider gap closure		True	True	True	True
δ_inter	m	0,000	0,000	0,000	0,000
Cross permeability		Impermeable	Impermeable	Impermeable	Impermeable
Drainage conductivity, dk	m³/day/m	0,000	0,000	0,000	0,000
R_thermal	m² K/kW	0,000	0,000	0,000	0,000
Identification number		1	2	4	5
Identification		STRATO B	STRATO C	STRATO A	STRATO A'
Soil model		Hardening Soil	Hardening Soil	Hardening Soil	Hardening Soil
Drainage type		Drained	Drained	Drained	Drained
Colour					
Comments					

Identification number		1	2	4	5
K_0 determination		Automatic	Automatic	Automatic	Automatic
K_0,x		0,5930	0,5930	0,6254	0,8264
K_0,z		0,5930	0,5930	0,6254	0,8264
POP	kN/m²	0,000	0,000	0,000	0,000
OCR		1,000	1,000	1,000	1,000

1.1.1.1.2 Materials - Soil and interfaces - Mohr-Coulomb

Identification number		3
Identification		RIPORTO
Soil model		Mohr-Coulomb
Drainage type		Drained
Colour		
Comments		
γ_unsat	kN/m³	0,1000
γ_sat	kN/m³	0,1000
e_init		0,5000
n_init		0,3333
Input method		Direct
Rayleigh α		0,000
Rayleigh β		0,000
Identification number		3
Identification		RIPORTO
Soil model		Mohr-Coulomb
Drainage type		Drained
Colour		
Comments		
E'_ref	kN/m²	50,00E3
ν (nu)		0,3000
Determination		ν-undrained definition
ν_u definition method		Direct
ν_u,equivalent (nu)		0,4950

Identification number		3
Skempton B		0,9783
K_w,ref/n	kN/m²	1,875E6
Identification number		3
Identification		RIPORTO
Soil model		Mohr-Coulomb
Drainage type		Drained
Colour		
Comments		
Classification type		Standard
Soil class (Standard)		Coarse
< 2 µm	%	10,00
2 µm - 50 µm	%	13,00
50 µm - 2 mm	%	77,00
Identification number		3
Identification		RIPORTO
Soil model		Mohr-Coulomb
Drainage type		Drained
Colour		
Comments		
c_s	kJ/t/K	0,000
λ_s	kW/m/K	0,000
ρ_s	t/m³	0,000
Thermal expansion type		Isotropic
α_sv	1/K	0,000
Phase change		False
D_v	m²/day	0,000

Identification number		3
f_Tv		0,000
Identification number		3
Identification		RIPORTO
Soil model		Mohr-Coulomb
Drainage type		Drained
Colour		
Comments		
Stiffness determination		Derived
Strength determination		Manual
R_inter		0,6600
Consider gap closure		True
Cross permeability		Impermeable
Drainage conductivity, dk	m^3/day/m	0,000
R_thermal	m^2 K/kW	0,000
Identification number		3
Identification		RIPORTO
Soil model		Mohr-Coulomb
Drainage type		Drained
Colour		
Comments		
K_0 determination		Automatic
K_0,x		0,3843
K_0,z		0,3843

1.1.1.2 Materials - Plates

Identification number		1	2
Identification		Paratia fi 800	PLINTO
Material type		Elastic	Elastic
Colour			
Comments			
w	kN/m/m	2,740	50,00
Input method		Direct	Direct
Rayleigh α		0,000	0,000
Rayleigh β		0,000	0,000
Prevent punching		False	False
Identification number		1	2
Identification		Paratia fi 800	PLINTO
Material type		Elastic	Elastic
Colour			
Comments			
Isotropic		True	True
Identification number		1	2
Identification		Paratia fi 800	PLINTO
Material type		Elastic	Elastic
Colour			
Comments			
c	kJ/t/K	0,000	0,000
λ	kW/m/K	0,000	0,000
ρ	t/m³	0,000	0,000
α	1/K	0,000	0,000

Identification number		1	2
A_eff,T	m²	0,000	0,000

1.1.1.3 Materials - Geogrids

Identification number		1
Identification		chiodo i=3.3
Material type		Elastic
Colour		
Comments		
Identification number		1
Identification		chiodo i=3.3
Material type		Elastic
Colour		
Comments		
Isotropic		False
Identification number		1
Identification		chiodo i=3.3
Material type		Elastic
Colour		
Comments		
c	kJ/t/K	0,000
λ	kW/m/K	0,000
ρ	t/m³	0,000
α	1/K	0,000
A_eff,T	m²	0,000

1.1.1.4 Materials - Anchors

Identification number		1
Identification		chiodo ogni 3 m
Material type		Elastic
Colour		
Comments		
Identification number		1
Identification		chiodo ogni 3 m
Material type		Elastic
Colour		
Comments		
L_spacing	m	3,300
Identification number		1
Identification		chiodo ogni 3 m
Material type		Elastic
Colour		
Comments		
c	kJ/t/K	0,000
λ	kW/m/K	0,000
ρ	t/m³	0,000
α	1/K	0,000
A_eff,T	m²	0,000

1.1.1.5 Materials - Embedded beams

Identification number		1
Identification		palo 1500
Material type		Elastic
Colour		
Comments		
γ	kN/m³	10,00
Input method		Direct
Rayleigh α		0,000
Rayleigh β		0,000
Identification number		1
Identification		palo 1500
Material type		Elastic
Colour		
Comments		
L_spacing	m	4,500
Cross section type		Predefined
Predefined cross section type		Solid circular beam
Diameter	m	1,500
A	m²	1,767
I	m⁴	0,2485
Axial skin resistance		Linear
T_skin, start, max	kN/m	210,0
T_skin, end, max	kN/m	210,0
Lateral resistance		Unlimited
F_max	kN	2078

Identification number	1
Default values	True
Axial stiffness factor	1,097
Lateral stiffness factor	1,097
Base stiffness factor	10,97

3.1.1.1.2 Calculation results, Plate, paratia [Phase_1] (1/13), Table of plate force envelopes

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [10^{-3} kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [10^{-3} kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_1	3402	1	0,000	-0,500	0,001	0,000	0,001	-0,017	-0,001	0,000	0,000	0,000	0,000
Element 1-1 (Plate)	3403	2	0,000	-0,625	-0,310	-0,310	0,000	-48,686	-0,049	0,000	-3,186	-0,003	0,000
(Paratia fi 800)	3404	3	0,000	-0,750	-0,618	-0,618	0,000	-85,336	-0,085	0,000	-11,660	-0,012	0,000
	3405	4	0,000	-0,875	-0,925	-0,925	0,000	-111,654	-0,112	0,000	-24,094	-0,024	0,000
	3696	5	0,000	-1,000	-1,229	-1,229	0,000	-129,328	-0,129	0,000	-39,224	-0,039	0,000
Plate_1_2	3696	1	0,000	-1,000	-1,230	-1,230	0,000	-131,780	-0,132	0,000	-39,224	-0,039	0,000
Element 2-2 (Plate)	3697	2	0,000	-1,250	-1,830	-1,830	0,000	-155,696	-0,156	0,000	-75,394	-0,075	0,000
(Paratia fi 800)	3698	3	0,000	-1,500	-2,421	-2,421	0,000	-168,626	-0,169	0,000	-116,148	-0,116	0,000
	3699	4	0,000	-1,750	-3,002	-3,002	0,000	-171,300	-0,171	0,000	-158,872	-0,159	0,000
	3751	5	0,000	-2,000	-3,572	-3,572	0,000	-164,447	-0,164	0,000	-201,014	-0,201	0,000
Plate_1_3	3751	1	0,000	-2,000	-3,573	-3,573	0,000	-165,224	-0,165	0,000	-201,014	-0,201	0,000
Element 3-3 (Plate)	3748	2	0,000	-2,125	-3,855	-3,855	0,000	-159,661	-0,160	0,000	-221,328	-0,221	0,000
(Paratia fi 800)	3749	3	0,000	-2,250	-4,134	-4,134	0,000	-152,827	-0,153	0,000	-240,875	-0,241	0,000
	3750	4	0,000	-2,375	-4,412	-4,412	0,000	-144,771	-0,145	0,000	-259,493	-0,259	0,000
	3766	5	0,000	-2,500	-4,687	-4,687	0,000	-135,541	-0,136	0,000	-277,020	-0,277	0,000
Plate_1_4	3766	1	0,000	-2,500	-4,688	-4,688	0,000	-135,697	-0,136	0,000	-277,020	-0,277	0,000
Element 4-4 (Plate)	3767	2	0,000	-2,647	-5,009	-5,009	0,000	-123,697	-0,124	0,000	-296,072	-0,296	0,000
(Paratia fi 800)	3768	3	0,000	-2,794	-5,327	-5,327	0,000	-110,874	-0,111	0,000	-313,306	-0,313	0,000
	3769	4	0,000	-2,941	-5,643	-5,643	0,000	-97,298	-0,097	0,000	-328,604	-0,329	0,000
	4080	5	0,000	-3,087	-5,956	-5,956	0,000	-83,042	-0,083	0,000	-341,849	-0,342	0,000
Plate_1_4	4080	1	0,000	-3,087	-5,956	-5,956	0,000	-83,158	-0,083	0,000	-341,849	-0,342	0,000
Element 4-5 (Plate)	4081	2	0,000	-3,191	-6,175	-6,175	0,000	-72,999	-0,073	0,000	-349,902	-0,350	0,000
(Paratia fi 800)	4082	3	0,000	-3,294	-6,392	-6,392	0,000	-62,823	-0,063	0,000	-356,909	-0,357	0,000
	4083	4	0,000	-3,397	-6,609	-6,609	0,000	-52,657	-0,053	0,000	-362,867	-0,363	0,000
	4346	5	0,000	-3,500	-6,824	-6,824	0,000	-42,526	-0,043	0,000	-367,774	-0,368	0,000
Plate_1_5	4346	1	0,000	-3,500	-6,824	-6,824	0,000	-42,574	-0,043	0,000	-367,774	-0,368	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [10^{-3} kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [10^{-3} kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Element 5-6 (Plate)	4347	2	0,000	-3,588	-7,006	-7,006	0,000	-34,092	-0,034	0,000	-371,139	-0,371	0,000
(Paratia fi 800)	4348	3	0,000	-3,676	-7,188	-7,188	0,000	-25,816	-0,026	0,000	-373,768	-0,374	0,000
	4349	4	0,000	-3,763	-7,370	-7,370	0,000	-17,765	-0,018	0,000	-375,680	-0,376	0,000
	4365	5	0,000	-3,851	-7,550	-7,550	0,000	-9,956	-0,010	0,000	-376,895	-0,377	0,000
Plate_1_6	4365	1	0,000	-3,851	-7,550	-7,550	0,000	-10,133	-0,010	0,000	-376,895	-0,377	0,000
Element 6-7 (Plate)	4366	2	0,000	-4,013	-7,882	-7,882	0,000	3,526	0,000	0,005	-377,408	-0,377	0,000
(Paratia fi 800)	4367	3	0,000	-4,176	-8,211	-8,211	0,000	15,351	0,000	0,015	-375,849	-0,376	0,000
	4368	4	0,000	-4,338	-8,539	-8,539	0,000	25,212	0,000	0,025	-372,534	-0,373	0,000
	4369	5	0,000	-4,500	-8,865	-8,865	0,000	32,977	0,000	0,033	-367,786	-0,368	0,000
Plate_1_7	4369	1	0,000	-4,500	-8,866	-8,866	0,000	32,723	0,000	0,033	-367,786	-0,368	0,000
Element 7-8 (Plate)	4195	2	0,000	-4,598	-9,061	-9,061	0,000	35,912	0,000	0,036	-364,430	-0,364	0,000
(Paratia fi 800)	4196	3	0,000	-4,695	-9,256	-9,256	0,000	37,729	0,000	0,038	-360,827	-0,361	0,000
	4197	4	0,000	-4,793	-9,451	-9,451	0,000	38,132	0,000	0,038	-357,117	-0,357	0,000
	4396	5	0,000	-4,890	-9,645	-9,645	0,000	37,081	0,000	0,037	-353,439	-0,353	0,000
Plate_1_8	4396	1	0,000	-4,890	-9,646	-9,646	0,000	36,384	0,000	0,036	-353,439	-0,353	0,000
Element 9-15 (Plate)	4397	2	0,000	-5,043	-9,949	-9,949	0,000	31,775	0,000	0,032	-348,157	-0,348	0,000
(Paratia fi 800)	4398	3	0,000	-5,195	-10,252	-10,252	0,000	20,202	0,000	0,020	-344,100	-0,344	0,000
	4399	4	0,000	-5,348	-10,556	-10,556	0,000	1,447	-0,004	0,001	-342,359	-0,342	0,000
	4415	5	0,000	-5,500	-10,862	-10,862	0,000	-24,711	-0,025	0,000	-344,036	-0,344	0,000
Plate_1_9	4415	1	0,000	-5,500	-10,869	-10,869	0,000	-37,894	-0,038	0,000	-344,036	-0,344	0,000
Element 10-16 (Plate)	4416	2	0,000	-5,731	-11,073	-11,073	0,000	-84,606	-0,085	0,000	-358,953	-0,359	0,000
(Paratia fi 800)	4417	3	0,000	-5,962	-11,273	-11,273	0,000	-96,628	-0,097	0,000	-380,342	-0,380	0,000
	4418	4	0,000	-6,192	-11,470	-11,470	0,000	-79,944	-0,080	0,000	-401,358	-0,401	0,000
	4419	5	0,000	-6,423	-11,663	-11,663	0,000	-40,538	-0,041	0,000	-415,575	-0,416	0,000
Plate_1_9	4419	1	0,000	-6,423	-11,663	-11,663	0,000	-46,333	-0,046	0,000	-415,575	-0,416	0,000
Element 10-17 (Plate)	4173	2	0,000	-6,663	-11,859	-11,859	0,000	-3,725	-0,005	0,000	-421,633	-0,422	0,000
(Paratia fi 800)	4174	3	0,000	-6,903	-12,052	-12,052	0,000	40,758	0,000	0,041	-417,201	-0,417	0,000
	4175	4	0,000	-7,143	-12,241	-12,241	0,000	86,487	0,000	0,086	-401,963	-0,402	0,000
	4331	5	0,000	-7,383	-12,426	-12,426	0,000	132,831	0,000	0,133	-375,647	-0,376	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [10^{-3} kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [10^{-3} kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_9	4331	1	0,000	-7,383	-12,426	-12,426	0,000	131,757	0,000	0,132	-375,647	-0,376	0,000
Element 10-18 (Plate)	4333	2	0,000	-7,633	-12,615	-12,615	0,000	177,213	0,000	0,177	-337,014	-0,337	0,000
(Paratia fi 800)	4334	3	0,000	-7,882	-12,802	-12,802	0,000	218,433	0,000	0,218	-287,521	-0,288	0,000
	4335	4	0,000	-8,132	-12,985	-12,985	0,000	255,104	0,000	0,255	-228,318	-0,228	0,000
	4332	5	0,000	-8,382	-13,166	-13,166	0,000	286,910	0,000	0,287	-160,577	-0,161	0,000
Plate_1_9	4332	1	0,000	-8,382	-13,166	-13,166	0,000	285,977	0,000	0,286	-160,577	-0,161	0,000
Element 10-19 (Plate)	4313	2	0,000	-8,641	-13,352	-13,352	0,000	312,343	0,000	0,312	-82,741	-0,083	0,000
(Paratia fi 800)	4314	3	0,000	-8,901	-13,536	-13,536	0,000	329,230	0,000	0,329	0,778	-0,022	0,001
	4315	4	0,000	-9,160	-13,720	-13,720	0,000	336,147	0,000	0,336	87,370	0,000	0,087
	4312	5	0,000	-9,420	-13,903	-13,903	0,000	332,602	0,000	0,333	174,390	0,000	0,174
Plate_1_9	4312	1	0,000	-9,420	-13,904	-13,904	0,000	329,380	0,000	0,329	174,390	0,000	0,174
Element 10-20 (Plate)	4031	2	0,000	-9,690	-14,094	-14,094	0,000	312,462	0,000	0,312	261,523	0,000	0,262
(Paratia fi 800)	4032	3	0,000	-9,960	-14,288	-14,288	0,000	269,921	0,000	0,270	340,838	0,000	0,341
	4033	4	0,000	-10,230	-14,487	-14,487	0,000	198,934	0,000	0,199	404,742	0,000	0,405
	4231	5	0,000	-10,500	-14,690	-14,690	0,000	96,677	0,000	0,097	445,402	0,000	0,445
Plate_1_10	4231	1	0,000	-10,500	-14,693	-14,693	0,000	75,650	0,000	0,076	445,402	0,000	0,445
Element 11-21 (Plate)	4228	2	0,000	-10,760	-14,698	-14,698	0,000	-30,770	-0,046	0,000	450,352	0,000	0,450
(Paratia fi 800)	4229	3	0,000	-11,020	-14,694	-14,694	0,000	-101,190	-0,101	0,000	432,580	0,000	0,433
	4230	4	0,000	-11,281	-14,678	-14,678	0,000	-140,600	-0,141	0,000	400,368	0,000	0,400
	4227	5	0,000	-11,541	-14,652	-14,652	0,000	-153,992	-0,154	0,000	361,597	0,000	0,362
Plate_1_10	4227	1	0,000	-11,541	-14,651	-14,651	0,000	-159,025	-0,159	0,000	361,597	0,000	0,362
Element 11-22 (Plate)	4209	2	0,000	-11,805	-14,612	-14,612	0,000	-165,613	-0,166	0,000	318,550	0,000	0,319
(Paratia fi 800)	4210	3	0,000	-12,070	-14,559	-14,559	0,000	-166,719	-0,167	0,000	274,504	0,000	0,275
	4211	4	0,000	-12,334	-14,493	-14,493	0,000	-162,981	-0,163	0,000	230,785	0,000	0,231
	4208	5	0,000	-12,599	-14,414	-14,414	0,000	-155,039	-0,155	0,000	188,670	0,000	0,189
Plate_1_10	4208	1	0,000	-12,599	-14,413	-14,413	0,000	-155,959	-0,156	0,000	188,670	0,000	0,189
Element 11-23 (Plate)	3807	2	0,000	-12,867	-14,318	-14,318	0,000	-146,966	-0,147	0,000	147,969	0,000	0,148
(Paratia fi 800)	3808	3	0,000	-13,136	-14,207	-14,207	0,000	-137,816	-0,138	0,000	109,699	-0,006	0,110
	3809	4	0,000	-13,405	-14,081	-14,081	0,000	-128,669	-0,129	0,000	73,882	-0,024	0,074

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [10^{-3} kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [10^{-3} kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	3806	5	0,000	-13,673	-13,939	-13,939	0,000	-119,688	-0,120	0,000	40,527	-0,046	0,041
Plate_1_10	3806	1	0,000	-13,673	-13,938	-13,938	0,000	-119,791	-0,120	0,000	40,527	-0,046	0,041
Element 11-24 (Plate)	3629	2	0,000	-13,947	-13,777	-13,777	0,000	-111,646	-0,112	0,000	8,947	-0,066	0,009
(Paratia fi 800)	3630	3	0,000	-14,220	-13,597	-13,597	0,000	-104,123	-0,104	0,000	-20,511	-0,084	0,000
	3631	4	0,000	-14,493	-13,399	-13,399	0,000	-97,145	-0,097	0,000	-47,987	-0,098	0,000
	3628	5	0,000	-14,766	-13,182	-13,182	0,000	-90,634	-0,091	0,000	-73,613	-0,111	0,000
Plate_1_10	3628	1	0,000	-14,766	-13,181	-13,181	0,000	-90,348	-0,090	0,000	-73,613	-0,111	0,000
Element 11-25 (Plate)	3286	2	0,000	-15,043	-12,941	-12,941	0,000	-83,763	-0,084	0,000	-97,783	-0,122	0,000
(Paratia fi 800)	3287	3	0,000	-15,321	-12,677	-12,677	0,000	-76,498	-0,076	0,000	-120,045	-0,131	0,000
	3288	4	0,000	-15,598	-12,391	-12,391	0,000	-68,470	-0,068	0,000	-140,184	-0,140	0,000
	3289	5	0,000	-15,876	-12,081	-12,081	0,000	-59,595	-0,060	0,000	-157,972	-0,158	0,000
Plate_1_10	3289	1	0,000	-15,876	-12,079	-12,079	0,000	-59,508	-0,060	0,000	-157,972	-0,158	0,000
Element 11-26 (Plate)	3152	2	0,000	-16,158	-11,738	-11,738	0,000	-50,243	-0,050	0,000	-173,474	-0,173	0,000
(Paratia fi 800)	3153	3	0,000	-16,440	-11,366	-11,366	0,000	-39,736	-0,040	0,000	-186,198	-0,186	0,000
	3154	4	0,000	-16,722	-10,962	-10,962	0,000	-27,898	-0,028	0,002	-195,769	-0,196	0,000
	3175	5	0,000	-17,004	-10,526	-10,526	0,000	-14,639	-0,015	0,007	-201,801	-0,202	0,000
Plate_1_10	3175	1	0,000	-17,004	-10,523	-10,523	0,000	-14,579	-0,015	0,007	-201,801	-0,202	0,000
Element 11-27 (Plate)	3176	2	0,000	-17,291	-10,043	-10,043	0,000	0,348	0,000	0,013	-203,883	-0,204	0,000
(Paratia fi 800)	3177	3	0,000	-17,577	-9,516	-9,516	0,000	16,580	0,000	0,019	-201,469	-0,201	0,000
	3178	4	0,000	-17,864	-8,942	-8,942	0,000	33,688	0,000	0,034	-194,292	-0,194	0,000
	3202	5	0,000	-18,151	-8,321	-8,321	0,000	51,245	0,000	0,051	-182,122	-0,182	0,000
Plate_1_10	3202	1	0,000	-18,151	-8,314	-8,314	0,000	49,115	0,000	0,049	-182,122	-0,182	0,000
Element 11-28 (Plate)	3199	2	0,000	-18,442	-7,625	-7,625	0,000	68,859	0,000	0,069	-164,865	-0,165	0,000
(Paratia fi 800)	3200	3	0,000	-18,733	-6,857	-6,857	0,000	83,792	0,000	0,084	-142,447	-0,142	0,000
	3201	4	0,000	-19,025	-6,009	-6,009	0,000	92,413	0,000	0,092	-116,650	-0,117	0,000
	3223	5	0,000	-19,316	-5,079	-5,079	0,000	93,224	0,000	0,093	-89,392	-0,089	0,000
Plate_1_10	3223	1	0,000	-19,316	-5,050	-5,050	0,000	82,008	0,000	0,082	-89,392	-0,089	0,000
Element 11-29 (Plate)	3224	2	0,000	-19,612	-4,008	-4,008	0,000	98,814	0,000	0,099	-62,985	-0,063	0,000
(Paratia fi 800)	3225	3	0,000	-19,908	-2,769	-2,769	0,000	102,257	0,000	0,102	-31,754	-0,032	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [10^{-3} kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [10^{-3} kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	3226	4	0,000	-20,204	-1,315	-1,315	0,000	65,548	0,000	0,066	-6,389	-0,006	0,000
	3227	5	0,000	-20,500	0,374	0,000	0,374	-38,100	-0,038	0,000	0,000	0,000	0,000

3.1.1.1.3 Calculation results, Plate, scavo [Phase_2] (2/16), Table of plate force envelopes

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_1	3402	1	0,000	-0,500	0,000	0,000	0,007	0,014	-0,018	0,016	0,000	0,000	0,000
Element 1-1 (Plate)	3403	2	0,000	-0,625	-0,670	-0,670	0,000	-0,009	-0,049	0,231	0,000	-0,003	0,013
(Paratia fi 800)	3404	3	0,000	-0,750	-1,342	-1,342	0,000	-0,030	-0,085	0,502	-0,002	-0,012	0,059
	3405	4	0,000	-0,875	-2,016	-2,016	0,000	-0,048	-0,112	0,748	-0,007	-0,024	0,137
	3696	5	0,000	-1,000	-2,691	-2,691	0,000	-0,061	-0,129	0,921	-0,014	-0,039	0,243
Plate_1_2	3696	1	0,000	-1,000	-2,731	-2,731	0,000	-0,218	-0,218	0,910	-0,014	-0,039	0,243
Element 2-2 (Plate)	3697	2	0,000	-1,250	-4,067	-4,067	0,000	-0,170	-0,170	0,777	-0,043	-0,075	0,462
(Paratia fi 800)	3698	3	0,000	-1,500	-5,638	-5,645	0,000	-0,996	-0,996	0,240	-0,172	-0,172	0,597
	3699	4	0,000	-1,750	-7,428	-7,458	0,000	-2,646	-2,646	0,000	-0,610	-0,610	0,549
	3751	5	0,000	-2,000	-9,425	-9,475	0,000	-5,073	-5,073	0,000	-1,559	-1,559	0,216
Plate_1_3	3751	1	0,000	-2,000	-9,423	-9,463	0,000	-5,064	-5,064	0,000	-1,559	-1,559	0,216
Element 3-3 (Plate)	3748	2	0,000	-2,125	-10,491	-10,556	0,000	-6,540	-6,540	0,000	-2,282	-2,282	0,000
(Paratia fi 800)	3749	3	0,000	-2,250	-11,609	-11,670	0,000	-8,203	-8,203	0,000	-3,202	-3,202	0,000
	3750	4	0,000	-2,375	-12,776	-12,803	0,000	-10,054	-10,054	0,000	-4,341	-4,341	0,000
	3766	5	0,000	-2,500	-13,992	-13,992	0,000	-12,091	-12,091	0,000	-5,723	-5,723	0,000
Plate_1_4	3766	1	0,000	-2,500	-13,987	-13,987	0,000	-12,094	-12,094	0,000	-5,723	-5,723	0,000
Element 4-4 (Plate)	3767	2	0,000	-2,647	-15,489	-15,489	0,000	-14,728	-14,728	0,000	-7,689	-7,689	0,000
(Paratia fi 800)	3768	3	0,000	-2,794	-17,044	-17,044	0,000	-17,630	-17,630	0,000	-10,062	-10,062	0,000
	3769	4	0,000	-2,941	-18,642	-18,642	0,000	-20,796	-20,796	0,000	-12,880	-12,880	0,000
	4080	5	0,000	-3,087	-20,271	-20,271	0,000	-24,225	-24,225	0,000	-16,182	-16,182	0,000
Plate_1_4	4080	1	0,000	-3,087	-20,267	-20,267	0,000	-24,226	-24,226	0,000	-16,182	-16,182	0,000
Element 4-5 (Plate)	4081	2	0,000	-3,191	-21,418	-21,418	0,000	-26,793	-26,793	0,000	-18,812	-18,812	0,000
(Paratia fi 800)	4082	3	0,000	-3,294	-22,582	-22,582	0,000	-29,492	-29,492	0,000	-21,714	-21,714	0,000
	4083	4	0,000	-3,397	-23,756	-23,756	0,000	-32,320	-32,320	0,000	-24,902	-24,902	0,000
	4346	5	0,000	-3,500	-24,941	-24,941	0,000	-35,277	-35,277	0,000	-28,387	-28,387	0,000
Plate_1_5	4346	1	0,000	-3,500	-24,942	-24,942	0,000	-35,278	-35,278	0,000	-28,387	-28,387	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Element 5-6 (Plate)	4347	2	0,000	-3,588	-25,961	-25,961	0,000	-37,897	-37,897	0,000	-31,598	-31,598	0,000
(Paratia fi 800)	4348	3	0,000	-3,676	-26,988	-26,988	0,000	-40,612	-40,612	0,000	-35,046	-35,046	0,000
	4349	4	0,000	-3,763	-28,024	-28,024	0,000	-43,420	-43,420	0,000	-38,735	-38,735	0,000
	4365	5	0,000	-3,851	-29,068	-29,068	0,000	-46,321	-46,321	0,000	-42,674	-42,674	0,000
Plate_1_6	4365	1	0,000	-3,851	-28,990	-28,990	0,000	-46,049	-46,049	0,000	-42,674	-42,674	0,000
Element 6-7 (Plate)	4366	2	0,000	-4,013	-29,424	-29,424	0,000	-47,615	-47,615	0,005	-50,274	-50,274	0,000
(Paratia fi 800)	4367	3	0,000	-4,176	-29,661	-29,661	0,000	-48,619	-48,619	0,015	-58,089	-58,089	0,000
	4368	4	0,000	-4,338	-29,679	-29,679	0,000	-48,988	-48,988	0,025	-66,014	-66,014	0,000
	4369	5	0,000	-4,500	-29,459	-29,459	0,000	-48,651	-48,651	0,033	-73,941	-73,941	0,000
Plate_1_7	4369	1	0,000	-4,500	-29,456	-29,456	0,000	-48,644	-48,644	0,033	-73,941	-73,941	0,000
Element 7-8 (Plate)	4195	2	0,000	-4,598	-29,222	-29,222	0,000	-48,162	-48,162	0,036	-78,661	-78,661	0,000
(Paratia fi 800)	4196	3	0,000	-4,695	-28,916	-28,916	0,000	-47,489	-47,489	0,038	-83,326	-83,326	0,000
	4197	4	0,000	-4,793	-28,539	-28,539	0,000	-46,634	-46,634	0,038	-87,917	-87,917	0,000
	4396	5	0,000	-4,890	-28,095	-28,095	0,000	-45,604	-45,604	0,037	-92,414	-92,414	0,000
Plate_1_8	4396	1	0,000	-4,890	-28,143	-28,143	0,000	-45,634	-45,634	0,036	-92,414	-92,414	0,000
Element 9-15 (Plate)	4397	2	0,000	-5,043	-27,250	-27,250	0,000	-43,723	-43,723	0,032	-99,230	-99,230	0,000
(Paratia fi 800)	4398	3	0,000	-5,195	-26,371	-26,371	0,000	-41,551	-41,551	0,020	-105,736	-105,736	0,000
	4399	4	0,000	-5,348	-25,543	-25,543	0,000	-39,156	-39,156	0,001	-111,895	-111,895	0,000
	4415	5	0,000	-5,500	-24,802	-24,802	0,000	-36,576	-36,576	0,000	-117,670	-117,670	0,000
Plate_1_9	4415	1	0,000	-5,500	-24,605	-24,605	0,000	-36,312	-36,312	0,000	-117,670	-117,670	0,000
Element 10-16 (Plate)	4416	2	0,000	-5,731	-22,431	-22,431	0,000	-26,868	-26,868	0,000	-124,933	-124,933	0,000
(Paratia fi 800)	4417	3	0,000	-5,962	-20,252	-20,252	0,000	-18,628	-18,628	1,470	-130,165	-130,165	0,000
	4418	4	0,000	-6,192	-18,079	-18,079	0,000	-11,464	-11,464	4,070	-133,617	-133,617	0,000
	4419	5	0,000	-6,423	-15,923	-15,923	0,000	-5,248	-5,248	5,846	-135,529	-135,529	0,000
Plate_1_9	4419	1	0,000	-6,423	-15,947	-15,947	0,000	-5,141	-5,141	5,962	-135,529	-135,529	0,000
Element 10-17 (Plate)	4173	2	0,000	-6,663	-13,821	-13,821	0,000	0,698	-0,005	7,368	-136,047	-136,047	0,000
(Paratia fi 800)	4174	3	0,000	-6,903	-11,769	-12,052	0,918	5,802	0,000	9,409	-135,252	-135,252	0,000
	4175	4	0,000	-7,143	-9,790	-12,241	2,529	10,180	0,000	12,668	-133,320	-133,320	0,000
	4331	5	0,000	-7,383	-7,883	-12,426	4,055	13,842	0,000	15,237	-130,423	-130,423	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_9	4331	1	0,000	-7,383	-7,879	-12,426	4,058	13,865	0,000	15,284	-130,423	-130,423	0,000
Element 10-18 (Plate)	4333	2	0,000	-7,633	-5,968	-12,615	5,563	16,968	0,000	17,316	-126,562	-126,562	0,000
(Paratia fi 800)	4334	3	0,000	-7,882	-4,108	-12,802	6,988	19,437	0,000	19,437	-122,005	-122,005	0,000
	4335	4	0,000	-8,132	-2,297	-12,985	8,332	21,293	0,000	21,293	-116,907	-116,907	0,000
	4332	5	0,000	-8,382	-0,531	-13,166	9,594	22,555	0,000	22,555	-111,424	-111,424	0,000
Plate_1_9	4332	1	0,000	-8,382	-0,526	-13,166	9,595	22,602	0,000	22,602	-111,424	-111,424	0,000
Element 10-19 (Plate)	4313	2	0,000	-8,641	1,275	-13,352	10,825	23,421	0,000	23,421	-105,443	-105,443	0,000
(Paratia fi 800)	4314	3	0,000	-8,901	3,038	-13,536	11,971	23,858	0,000	23,858	-99,297	-99,297	0,001
	4315	4	0,000	-9,160	4,770	-13,720	13,032	23,939	0,000	23,939	-93,084	-93,084	0,087
	4312	5	0,000	-9,420	6,473	-13,903	14,007	23,691	0,000	23,691	-86,896	-86,896	0,174
Plate_1_9	4312	1	0,000	-9,420	6,465	-13,904	14,003	23,775	0,000	23,775	-86,896	-86,896	0,174
Element 10-20 (Plate)	4031	2	0,000	-9,690	8,271	-14,094	14,930	23,229	0,000	23,229	-80,550	-80,550	0,262
(Paratia fi 800)	4032	3	0,000	-9,960	10,052	-14,288	15,753	22,705	0,000	22,705	-74,354	-74,354	0,341
	4033	4	0,000	-10,230	11,813	-14,487	17,310	22,337	0,000	22,337	-68,274	-68,274	0,405
	4231	5	0,000	-10,500	13,558	-14,690	18,928	22,259	0,000	22,259	-62,265	-62,265	0,445
Plate_1_10	4231	1	0,000	-10,500	13,182	-14,693	18,595	22,760	0,000	22,760	-62,265	-62,265	0,445
Element 11-21 (Plate)	4228	2	0,000	-10,760	15,540	-14,698	20,825	22,912	-0,046	22,912	-56,310	-56,310	0,450
(Paratia fi 800)	4229	3	0,000	-11,020	17,787	-14,694	22,936	22,508	-0,101	22,508	-50,391	-50,391	0,433
	4230	4	0,000	-11,281	19,928	-14,678	24,932	21,641	-0,141	21,641	-44,634	-44,634	0,400
	4227	5	0,000	-11,541	21,966	-14,652	26,816	20,406	-0,154	20,406	-39,159	-39,159	0,362
Plate_1_10	4227	1	0,000	-11,541	21,967	-14,651	26,817	20,477	-0,159	20,477	-39,159	-39,159	0,362
Element 11-22 (Plate)	4209	2	0,000	-11,805	23,942	-14,612	28,625	19,152	-0,166	19,152	-33,919	-33,919	0,319
(Paratia fi 800)	4210	3	0,000	-12,070	25,808	-14,559	30,317	17,773	-0,167	17,773	-29,035	-29,035	0,275
	4211	4	0,000	-12,334	27,563	-14,493	31,893	16,351	-0,163	16,351	-24,521	-24,521	0,231
	4208	5	0,000	-12,599	29,206	-14,414	33,350	14,900	-0,155	14,900	-20,390	-20,390	0,189
Plate_1_10	4208	1	0,000	-12,599	29,203	-14,413	33,348	14,914	-0,156	14,914	-20,390	-20,390	0,189
Element 11-23 (Plate)	3807	2	0,000	-12,867	30,752	-14,318	34,703	13,463	-0,147	13,463	-16,579	-16,579	0,287
(Paratia fi 800)	3808	3	0,000	-13,136	32,174	-14,207	35,927	12,058	-0,138	12,058	-13,150	-13,150	0,719
	3809	4	0,000	-13,405	33,465	-14,081	37,017	10,702	-0,129	10,702	-10,092	-10,092	1,067

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	3806	5	0,000	-13,673	34,624	-13,939	37,971	9,403	-0,120	9,403	-7,393	-7,393	1,339
Plate_1_10	3806	1	0,000	-13,673	34,620	-13,938	37,968	9,406	-0,120	9,406	-7,393	-7,393	1,339
Element 11-24 (Plate)	3629	2	0,000	-13,947	35,657	-13,777	38,793	8,160	-0,112	8,160	-4,997	-4,997	1,547
(Paratia fi 800)	3630	3	0,000	-14,220	36,541	-13,597	39,463	6,990	-0,104	6,990	-2,929	-2,929	1,691
	3631	4	0,000	-14,493	37,270	-13,399	39,976	5,895	-0,097	5,895	-1,171	-1,171	1,782
	3628	5	0,000	-14,766	37,842	-13,182	40,329	4,877	-0,091	4,877	0,297	-0,111	1,828
Plate_1_10	3628	1	0,000	-14,766	37,836	-13,181	40,321	4,876	-0,090	4,876	0,297	-0,111	1,828
Element 11-25 (Plate)	3286	2	0,000	-15,043	38,250	-12,941	40,512	3,911	-0,084	3,911	1,515	-0,122	2,425
(Paratia fi 800)	3287	3	0,000	-15,321	38,475	-12,677	40,510	3,018	-0,142	3,018	2,475	-0,131	2,980
	3288	4	0,000	-15,598	38,510	-12,391	40,313	2,201	-0,227	2,201	3,198	-0,140	3,360
	3289	5	0,000	-15,876	38,351	-12,081	39,917	1,464	-0,293	1,464	3,704	-0,158	3,704
Plate_1_10	3289	1	0,000	-15,876	38,345	-12,079	39,913	1,460	-0,294	1,460	3,704	-0,158	3,704
Element 11-26 (Plate)	3152	2	0,000	-16,158	37,956	-11,738	39,297	0,825	-0,346	0,825	4,024	-0,173	4,024
(Paratia fi 800)	3153	3	0,000	-16,440	37,334	-11,366	38,465	0,287	-0,386	0,287	4,179	-0,186	4,179
	3154	4	0,000	-16,722	36,479	-10,962	37,419	-0,158	-0,445	0,002	4,194	-0,196	4,194
	3175	5	0,000	-17,004	35,392	-10,526	36,157	-0,515	-0,670	0,007	4,097	-0,202	4,097
Plate_1_10	3175	1	0,000	-17,004	35,388	-10,523	36,153	-0,523	-0,675	0,007	4,097	-0,202	4,097
Element 11-27 (Plate)	3176	2	0,000	-17,291	34,041	-10,043	34,646	-0,822	-0,860	0,013	3,904	-0,204	3,904
(Paratia fi 800)	3177	3	0,000	-17,577	32,436	-9,516	32,899	-1,066	-1,066	0,019	3,632	-0,201	3,632
	3178	4	0,000	-17,864	30,574	-8,942	30,912	-1,259	-1,259	0,034	3,297	-0,194	3,297
	3202	5	0,000	-18,151	28,454	-8,321	28,685	-1,402	-1,402	0,051	2,915	-0,182	2,915
Plate_1_10	3202	1	0,000	-18,151	28,444	-8,314	28,675	-1,403	-1,403	0,049	2,915	-0,182	2,915
Element 11-28 (Plate)	3199	2	0,000	-18,442	26,013	-7,625	26,152	-1,508	-1,508	0,069	2,490	-0,165	2,490
(Paratia fi 800)	3200	3	0,000	-18,733	23,272	-6,857	23,338	-1,565	-1,565	0,084	2,041	-0,142	2,041
	3201	4	0,000	-19,025	20,222	-6,009	20,232	-1,575	-1,575	0,092	1,582	-0,117	1,582
	3223	5	0,000	-19,316	16,858	-5,079	16,858	-1,535	-1,535	0,093	1,128	-0,089	1,128
Plate_1_10	3223	1	0,000	-19,316	16,840	-5,050	16,840	-1,483	-1,483	0,082	1,128	-0,089	1,128
Element 11-29 (Plate)	3224	2	0,000	-19,612	13,064	-4,008	13,064	-1,442	-1,442	0,099	0,687	-0,063	0,687
(Paratia fi 800)	3225	3	0,000	-19,908	8,883	-2,769	8,883	-1,116	-1,116	0,102	0,303	-0,032	0,303

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	3226	4	0,000	-20,204	4,299	-1,315	4,299	-0,545	-0,545	0,066	0,051	-0,006	0,051
	3227	5	0,000	-20,500	-0,689	-0,689	0,374	0,229	-0,038	0,229	0,000	0,000	0,000

3.1.1.1.4 Calculation results, Plate, chiodo [Phase_4] (4/18), Table of plate force envelopes

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_1	3402	1	0,000	-0,500	0,001	0,000	0,007	0,013	-0,018	0,016	0,000	0,000	0,000
Element 1-1 (Plate)	3403	2	0,000	-0,625	-0,664	-0,670	0,000	-0,018	-0,049	0,231	0,000	-0,003	0,013
(Paratia fi 800)	3404	3	0,000	-0,750	-1,333	-1,342	0,000	-0,045	-0,085	0,502	-0,004	-0,012	0,059
	3405	4	0,000	-0,875	-2,004	-2,016	0,000	-0,064	-0,112	0,748	-0,011	-0,024	0,137
	3696	5	0,000	-1,000	-2,678	-2,691	0,000	-0,074	-0,129	0,921	-0,020	-0,039	0,243
Plate_1_2	3696	1	0,000	-1,000	-2,717	-2,731	0,000	-0,214	-0,222	0,910	-0,020	-0,039	0,243
Element 2-2 (Plate)	3697	2	0,000	-1,250	-4,054	-4,067	0,000	-0,188	-0,188	0,777	-0,051	-0,075	0,462
(Paratia fi 800)	3698	3	0,000	-1,500	-5,625	-5,645	0,000	-1,030	-1,030	0,240	-0,187	-0,187	0,597
	3699	4	0,000	-1,750	-7,416	-7,458	0,000	-2,695	-2,695	0,000	-0,635	-0,635	0,549
	3751	5	0,000	-2,000	-9,413	-9,475	0,000	-5,132	-5,132	0,000	-1,598	-1,598	0,216
Plate_1_3	3751	1	0,000	-2,000	-9,411	-9,463	0,000	-5,123	-5,123	0,000	-1,598	-1,598	0,216
Element 3-3 (Plate)	3748	2	0,000	-2,125	-10,479	-10,556	0,000	-6,604	-6,604	0,000	-2,329	-2,329	0,000
(Paratia fi 800)	3749	3	0,000	-2,250	-11,597	-11,670	0,000	-8,271	-8,271	0,000	-3,257	-3,257	0,000
	3750	4	0,000	-2,375	-12,765	-12,803	0,000	-10,125	-10,125	0,000	-4,405	-4,405	0,000
	3766	5	0,000	-2,500	-13,982	-13,992	0,000	-12,166	-12,166	0,000	-5,795	-5,795	0,000
Plate_1_4	3766	1	0,000	-2,500	-13,976	-13,987	0,000	-12,168	-12,168	0,000	-5,795	-5,795	0,000
Element 4-4 (Plate)	3767	2	0,000	-2,647	-15,480	-15,489	0,000	-14,806	-14,806	0,000	-7,772	-7,772	0,000
(Paratia fi 800)	3768	3	0,000	-2,794	-17,037	-17,044	0,000	-17,710	-17,710	0,000	-10,157	-10,157	0,000
	3769	4	0,000	-2,941	-18,635	-18,642	0,000	-20,879	-20,879	0,000	-12,988	-12,988	0,000
	4080	5	0,000	-3,087	-20,262	-20,271	0,000	-24,310	-24,310	0,000	-16,302	-16,302	0,000
Plate_1_4	4080	1	0,000	-3,087	-20,259	-20,267	0,000	-24,312	-24,312	0,000	-16,302	-16,302	0,000
Element 4-5 (Plate)	4081	2	0,000	-3,191	-21,410	-21,418	0,000	-26,880	-26,880	0,000	-18,940	-18,940	0,000
(Paratia fi 800)	4082	3	0,000	-3,294	-22,573	-22,582	0,000	-29,580	-29,580	0,000	-21,852	-21,852	0,000
	4083	4	0,000	-3,397	-23,748	-23,756	0,000	-32,409	-32,409	0,000	-25,049	-25,049	0,000
	4346	5	0,000	-3,500	-24,934	-24,941	0,000	-35,367	-35,367	0,000	-28,543	-28,543	0,000
Plate_1_5	4346	1	0,000	-3,500	-25,078	-25,078	0,000	-35,119	-35,278	0,000	-28,543	-28,543	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Element 5-6 (Plate)	4347	2	0,000	-3,588	-26,097	-26,097	0,000	-37,738	-37,897	0,000	-31,740	-31,740	0,000
(Paratia fi 800)	4348	3	0,000	-3,676	-27,124	-27,124	0,000	-40,454	-40,612	0,000	-35,174	-35,174	0,000
	4349	4	0,000	-3,763	-28,161	-28,161	0,000	-43,263	-43,420	0,000	-38,849	-38,849	0,000
	4365	5	0,000	-3,851	-29,205	-29,205	0,000	-46,165	-46,321	0,000	-42,774	-42,774	0,000
Plate_1_6	4365	1	0,000	-3,851	-29,143	-29,143	0,000	-45,944	-46,049	0,000	-42,774	-42,774	0,000
Element 6-7 (Plate)	4366	2	0,000	-4,013	-29,609	-29,609	0,000	-47,617	-47,617	0,005	-50,367	-50,367	0,000
(Paratia fi 800)	4367	3	0,000	-4,176	-29,865	-29,865	0,000	-48,678	-48,678	0,015	-58,188	-58,188	0,000
	4368	4	0,000	-4,338	-29,893	-29,893	0,000	-49,067	-49,067	0,025	-66,124	-66,124	0,000
	4369	5	0,000	-4,500	-29,676	-29,676	0,000	-48,729	-48,729	0,033	-74,064	-74,064	0,000
Plate_1_7	4369	1	0,000	-4,500	-29,674	-29,674	0,000	-48,729	-48,729	0,033	-74,064	-74,064	0,000
Element 7-8 (Plate)	4195	2	0,000	-4,598	-29,443	-29,443	0,000	-48,250	-48,250	0,036	-78,792	-78,792	0,000
(Paratia fi 800)	4196	3	0,000	-4,695	-29,140	-29,140	0,000	-47,581	-47,581	0,038	-83,466	-83,466	0,000
	4197	4	0,000	-4,793	-28,767	-28,767	0,000	-46,729	-46,729	0,038	-88,066	-88,066	0,000
	4396	5	0,000	-4,890	-28,324	-28,324	0,000	-45,700	-45,700	0,037	-92,573	-92,573	0,000
Plate_1_8	4396	1	0,000	-4,890	-28,375	-28,375	0,000	-45,732	-45,732	0,036	-92,573	-92,573	0,000
Element 9-15 (Plate)	4397	2	0,000	-5,043	-27,479	-27,479	0,000	-43,816	-43,816	0,032	-99,403	-99,403	0,000
(Paratia fi 800)	4398	3	0,000	-5,195	-26,605	-26,605	0,000	-41,639	-41,639	0,020	-105,923	-105,923	0,000
	4399	4	0,000	-5,348	-25,786	-25,786	0,000	-39,238	-39,238	0,001	-112,094	-112,094	0,000
	4415	5	0,000	-5,500	-25,056	-25,056	0,000	-36,652	-36,652	0,000	-117,882	-117,882	0,000
Plate_1_9	4415	1	0,000	-5,500	-24,865	-24,865	0,000	-36,388	-36,388	0,000	-117,882	-117,882	0,000
Element 10-16 (Plate)	4416	2	0,000	-5,731	-22,693	-22,693	0,000	-27,011	-27,011	0,000	-125,172	-125,172	0,000
(Paratia fi 800)	4417	3	0,000	-5,962	-20,519	-20,519	0,000	-18,795	-18,795	1,470	-130,440	-130,440	0,000
	4418	4	0,000	-6,192	-18,363	-18,363	0,000	-11,626	-11,626	4,070	-133,930	-133,930	0,000
	4419	5	0,000	-6,423	-16,246	-16,246	0,000	-5,391	-5,391	5,846	-135,877	-135,877	0,000
Plate_1_9	4419	1	0,000	-6,423	-16,263	-16,263	0,000	-5,288	-5,288	5,962	-135,877	-135,877	0,000
Element 10-17 (Plate)	4173	2	0,000	-6,663	-14,158	-14,158	0,000	0,557	-0,005	7,368	-136,430	-136,430	0,000
(Paratia fi 800)	4174	3	0,000	-6,903	-12,124	-12,124	0,918	5,673	0,000	9,409	-135,668	-135,668	0,000
	4175	4	0,000	-7,143	-10,161	-12,241	2,529	10,069	0,000	12,668	-133,764	-133,764	0,000
	4331	5	0,000	-7,383	-8,269	-12,426	4,055	13,753	0,000	15,237	-130,891	-130,891	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_9	4331	1	0,000	-7,383	-8,265	-12,426	4,058	13,775	0,000	15,284	-130,891	-130,891	0,000
Element 10-18 (Plate)	4333	2	0,000	-7,633	-6,367	-12,615	5,563	16,895	0,000	17,316	-127,051	-127,051	0,000
(Paratia fi 800)	4334	3	0,000	-7,882	-4,521	-12,802	6,988	19,378	0,000	19,437	-122,510	-122,510	0,000
	4335	4	0,000	-8,132	-2,723	-12,985	8,332	21,245	0,000	21,293	-117,426	-117,426	0,000
	4332	5	0,000	-8,382	-0,971	-13,166	9,594	22,515	0,000	22,555	-111,954	-111,954	0,000
Plate_1_9	4332	1	0,000	-8,382	-0,971	-13,166	9,595	22,563	0,000	22,602	-111,954	-111,954	0,000
Element 10-19 (Plate)	4313	2	0,000	-8,641	0,828	-13,352	10,825	23,398	0,000	23,421	-105,981	-105,981	0,000
(Paratia fi 800)	4314	3	0,000	-8,901	2,588	-13,536	11,971	23,850	0,000	23,858	-99,839	-99,839	0,001
	4315	4	0,000	-9,160	4,315	-13,720	13,032	23,947	0,000	23,947	-93,626	-93,626	0,087
	4312	5	0,000	-9,420	6,014	-13,903	14,007	23,715	0,000	23,715	-87,434	-87,434	0,174
Plate_1_9	4312	1	0,000	-9,420	6,006	-13,904	14,003	23,799	0,000	23,799	-87,434	-87,434	0,174
Element 10-20 (Plate)	4031	2	0,000	-9,690	7,808	-14,094	14,930	23,268	0,000	23,268	-81,079	-81,079	0,262
(Paratia fi 800)	4032	3	0,000	-9,960	9,587	-14,288	15,753	22,760	0,000	22,760	-74,870	-74,870	0,341
	4033	4	0,000	-10,230	11,346	-14,487	17,310	22,412	0,000	22,412	-68,773	-68,773	0,405
	4231	5	0,000	-10,500	13,088	-14,690	18,928	22,357	0,000	22,357	-62,741	-62,741	0,445
Plate_1_10	4231	1	0,000	-10,500	12,713	-14,693	18,595	22,856	0,000	22,856	-62,741	-62,741	0,445
Element 11-21 (Plate)	4228	2	0,000	-10,760	15,071	-14,698	20,825	23,026	-0,046	23,026	-56,758	-56,758	0,450
(Paratia fi 800)	4229	3	0,000	-11,020	17,318	-14,694	22,936	22,630	-0,101	22,630	-50,808	-50,808	0,433
	4230	4	0,000	-11,281	19,461	-14,678	24,932	21,766	-0,141	21,766	-45,019	-45,019	0,400
	4227	5	0,000	-11,541	21,502	-14,652	26,816	20,528	-0,154	20,528	-39,512	-39,512	0,362
Plate_1_10	4227	1	0,000	-11,541	21,503	-14,651	26,817	20,600	-0,159	20,600	-39,512	-39,512	0,362
Element 11-22 (Plate)	4209	2	0,000	-11,805	23,480	-14,612	28,625	19,273	-0,166	19,273	-34,240	-34,240	0,319
(Paratia fi 800)	4210	3	0,000	-12,070	25,350	-14,559	30,317	17,891	-0,167	17,891	-29,325	-29,325	0,275
	4211	4	0,000	-12,334	27,109	-14,493	31,893	16,465	-0,163	16,465	-24,780	-24,780	0,231
	4208	5	0,000	-12,599	28,757	-14,414	33,350	15,008	-0,155	15,008	-20,619	-20,619	0,189
Plate_1_10	4208	1	0,000	-12,599	28,755	-14,413	33,348	15,023	-0,156	15,023	-20,619	-20,619	0,189
Element 11-23 (Plate)	3807	2	0,000	-12,867	30,310	-14,318	34,703	13,566	-0,147	13,566	-16,780	-16,780	0,287
(Paratia fi 800)	3808	3	0,000	-13,136	31,738	-14,207	35,927	12,154	-0,138	12,154	-13,324	-13,324	0,719
	3809	4	0,000	-13,405	33,037	-14,081	37,017	10,793	-0,129	10,793	-10,241	-10,241	1,067

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	3806	5	0,000	-13,673	34,205	-13,939	37,971	9,487	-0,120	9,487	-7,518	-7,518	1,339
Plate_1_10	3806	1	0,000	-13,673	34,201	-13,938	37,968	9,491	-0,120	9,491	-7,518	-7,518	1,339
Element 11-24 (Plate)	3629	2	0,000	-13,947	35,248	-13,777	38,793	8,239	-0,112	8,239	-5,100	-5,100	1,547
(Paratia fi 800)	3630	3	0,000	-14,220	36,142	-13,597	39,463	7,063	-0,104	7,063	-3,011	-3,011	1,691
	3631	4	0,000	-14,493	36,883	-13,399	39,976	5,963	-0,097	5,963	-1,234	-1,234	1,782
	3628	5	0,000	-14,766	37,468	-13,182	40,329	4,939	-0,091	4,939	0,253	-0,111	1,828
Plate_1_10	3628	1	0,000	-14,766	37,462	-13,181	40,321	4,938	-0,090	4,938	0,253	-0,111	1,828
Element 11-25 (Plate)	3286	2	0,000	-15,043	37,889	-12,941	40,512	3,970	-0,084	3,970	1,487	-0,122	2,425
(Paratia fi 800)	3287	3	0,000	-15,321	38,130	-12,677	40,510	3,071	-0,142	3,071	2,462	-0,131	2,980
	3288	4	0,000	-15,598	38,181	-12,391	40,313	2,246	-0,227	2,246	3,199	-0,140	3,360
	3289	5	0,000	-15,876	38,041	-12,081	39,917	1,499	-0,293	1,499	3,716	-0,158	3,716
Plate_1_10	3289	1	0,000	-15,876	38,034	-12,079	39,913	1,495	-0,294	1,495	3,716	-0,158	3,716
Element 11-26 (Plate)	3152	2	0,000	-16,158	37,664	-11,738	39,297	0,849	-0,346	0,849	4,044	-0,173	4,044
(Paratia fi 800)	3153	3	0,000	-16,440	37,061	-11,366	38,465	0,302	-0,386	0,302	4,205	-0,186	4,205
	3154	4	0,000	-16,722	36,225	-10,962	37,419	-0,150	-0,445	0,002	4,224	-0,196	4,224
	3175	5	0,000	-17,004	35,156	-10,526	36,157	-0,512	-0,670	0,007	4,128	-0,202	4,128
Plate_1_10	3175	1	0,000	-17,004	35,152	-10,523	36,153	-0,520	-0,675	0,007	4,128	-0,202	4,128
Element 11-27 (Plate)	3176	2	0,000	-17,291	33,823	-10,043	34,646	-0,823	-0,860	0,013	3,935	-0,204	3,935
(Paratia fi 800)	3177	3	0,000	-17,577	32,237	-9,516	32,899	-1,071	-1,071	0,019	3,662	-0,201	3,662
	3178	4	0,000	-17,864	30,393	-8,942	30,912	-1,267	-1,267	0,034	3,325	-0,194	3,325
	3202	5	0,000	-18,151	28,292	-8,321	28,685	-1,412	-1,412	0,051	2,940	-0,182	2,940
Plate_1_10	3202	1	0,000	-18,151	28,282	-8,314	28,675	-1,413	-1,413	0,049	2,940	-0,182	2,940
Element 11-28 (Plate)	3199	2	0,000	-18,442	25,869	-7,625	26,152	-1,519	-1,519	0,069	2,512	-0,165	2,512
(Paratia fi 800)	3200	3	0,000	-18,733	23,148	-6,857	23,338	-1,578	-1,578	0,084	2,060	-0,142	2,060
	3201	4	0,000	-19,025	20,116	-6,009	20,232	-1,588	-1,588	0,092	1,598	-0,117	1,598
	3223	5	0,000	-19,316	16,773	-5,079	16,858	-1,549	-1,549	0,093	1,140	-0,089	1,140
Plate_1_10	3223	1	0,000	-19,316	16,755	-5,050	16,840	-1,497	-1,497	0,082	1,140	-0,089	1,140
Element 11-29 (Plate)	3224	2	0,000	-19,612	12,999	-4,008	13,064	-1,456	-1,456	0,099	0,695	-0,063	0,695
(Paratia fi 800)	3225	3	0,000	-19,908	8,839	-2,769	8,883	-1,127	-1,127	0,102	0,307	-0,032	0,307

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	3226	4	0,000	-20,204	4,278	-1,315	4,299	-0,551	-0,551	0,066	0,052	-0,006	0,052
	3227	5	0,000	-20,500	-0,686	-0,689	0,374	0,230	-0,038	0,230	0,000	0,000	0,000

3.1.1.1.5 Calculation results, Plate, scavo per plinto [Phase_8] (8/22), Table of plate force envelopes

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_1	3402	1	0,000	-0,500	0,000	0,000	0,007	0,013	-0,018	0,016	0,000	0,000	0,000
Element 1-1 (Plate)	3403	2	0,000	-0,625	-0,669	-0,673	0,000	-0,019	-0,049	0,231	0,000	-0,003	0,013
(Paratia fi 800)	3404	3	0,000	-0,750	-1,341	-1,348	0,000	-0,046	-0,085	0,502	-0,005	-0,012	0,059
	3405	4	0,000	-0,875	-2,014	-2,024	0,000	-0,067	-0,112	0,748	-0,012	-0,024	0,137
	3696	5	0,000	-1,000	-2,689	-2,700	0,000	-0,080	-0,129	0,921	-0,021	-0,039	0,243
Plate_1_2	3696	1	0,000	-1,000	-2,738	-2,747	0,000	-0,266	-0,276	0,910	-0,021	-0,039	0,243
Element 2-2 (Plate)	3697	2	0,000	-1,250	-4,036	-4,067	0,000	-0,075	-0,188	0,777	-0,046	-0,075	0,462
(Paratia fi 800)	3698	3	0,000	-1,500	-5,552	-5,645	0,000	-0,694	-1,030	0,240	-0,127	-0,187	0,597
	3699	4	0,000	-1,750	-7,277	-7,458	0,000	-2,094	-2,695	0,000	-0,458	-0,635	0,549
	3751	5	0,000	-2,000	-9,202	-9,475	0,000	-4,245	-5,132	0,000	-1,236	-1,598	0,216
Plate_1_3	3751	1	0,000	-2,000	-9,205	-9,463	0,000	-4,253	-5,123	0,000	-1,236	-1,598	0,216
Element 3-3 (Plate)	3748	2	0,000	-2,125	-10,238	-10,556	0,000	-5,592	-6,604	0,000	-1,849	-2,329	0,000
(Paratia fi 800)	3749	3	0,000	-2,250	-11,317	-11,670	0,000	-7,103	-8,271	0,000	-2,641	-3,257	0,000
	3750	4	0,000	-2,375	-12,443	-12,803	0,000	-8,787	-10,125	0,000	-3,632	-4,405	0,000
	3766	5	0,000	-2,500	-13,615	-13,992	0,000	-10,646	-12,166	0,000	-4,845	-5,795	0,000
Plate_1_4	3766	1	0,000	-2,500	-13,616	-13,987	0,000	-10,648	-12,168	0,000	-4,845	-5,795	0,000
Element 4-4 (Plate)	3767	2	0,000	-2,647	-15,053	-15,489	0,000	-13,057	-14,806	0,000	-6,582	-7,772	0,000
(Paratia fi 800)	3768	3	0,000	-2,794	-16,557	-17,044	0,000	-15,713	-17,710	0,000	-8,691	-10,157	0,000
	3769	4	0,000	-2,941	-18,127	-18,642	0,000	-18,614	-20,879	0,000	-11,209	-12,988	0,000
	4080	5	0,000	-3,087	-19,762	-20,271	0,000	-21,758	-24,310	0,000	-14,170	-16,302	0,000
Plate_1_4	4080	1	0,000	-3,087	-19,763	-20,267	0,000	-21,761	-24,312	0,000	-14,170	-16,302	0,000
Element 4-5 (Plate)	4081	2	0,000	-3,191	-20,950	-21,418	0,000	-24,117	-26,880	0,000	-16,534	-18,940	0,000
(Paratia fi 800)	4082	3	0,000	-3,294	-22,172	-22,582	0,000	-26,599	-29,580	0,000	-19,150	-21,852	0,000
	4083	4	0,000	-3,397	-23,427	-23,853	0,000	-29,203	-32,409	0,000	-22,028	-25,049	0,000
	4346	5	0,000	-3,500	-24,714	-25,152	0,000	-31,929	-35,367	0,000	-25,179	-28,543	0,000
Plate_1_5	4346	1	0,000	-3,500	-44,094	-44,094	0,000	1,635	-35,278	1,635	-25,179	-28,543	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Element 5-6 (Plate)	4347	2	0,000	-3,588	-45,215	-45,215	0,000	-0,783	-37,897	0,000	-25,141	-31,740	0,000
(Paratia fi 800)	4348	3	0,000	-3,676	-46,361	-46,361	0,000	-3,292	-40,612	0,000	-25,319	-35,174	0,000
	4349	4	0,000	-3,763	-47,530	-47,530	0,000	-5,890	-43,420	0,000	-25,722	-38,849	0,000
	4365	5	0,000	-3,851	-48,723	-48,723	0,000	-8,576	-46,321	0,000	-26,356	-42,774	0,000
Plate_1_6	4365	1	0,000	-3,851	-48,724	-48,724	0,000	-8,580	-46,049	0,000	-26,356	-42,774	0,000
Element 6-7 (Plate)	4366	2	0,000	-4,013	-50,988	-50,988	0,000	-13,772	-47,617	0,005	-28,164	-50,367	0,000
(Paratia fi 800)	4367	3	0,000	-4,176	-53,334	-53,334	0,000	-19,279	-48,678	0,015	-30,841	-58,188	0,000
	4368	4	0,000	-4,338	-55,760	-55,760	0,000	-25,097	-49,067	0,025	-34,436	-66,124	0,000
	4369	5	0,000	-4,500	-58,263	-58,263	0,000	-31,221	-48,729	0,033	-38,998	-74,064	0,000
Plate_1_7	4369	1	0,000	-4,500	-58,245	-58,245	0,000	-31,224	-48,729	0,033	-38,998	-74,064	0,000
Element 7-8 (Plate)	4195	2	0,000	-4,598	-59,739	-59,739	0,000	-35,055	-48,250	0,036	-42,227	-78,792	0,000
(Paratia fi 800)	4196	3	0,000	-4,695	-61,242	-61,242	0,000	-38,997	-48,098	0,038	-45,837	-83,466	0,000
	4197	4	0,000	-4,793	-62,750	-62,750	0,000	-43,049	-49,585	0,038	-49,837	-88,066	0,000
	4396	5	0,000	-4,890	-64,264	-64,264	0,000	-47,207	-51,031	0,037	-54,235	-92,573	0,000
Plate_1_8	4396	1	0,000	-4,890	-64,160	-64,160	0,000	-46,876	-50,829	0,036	-54,235	-92,573	0,000
Element 9-15 (Plate)	4397	2	0,000	-5,043	-65,007	-65,007	0,000	-49,427	-50,923	0,032	-61,579	-99,403	0,000
(Paratia fi 800)	4398	3	0,000	-5,195	-65,696	-65,696	0,000	-51,568	-51,784	0,020	-69,292	-105,923	0,000
	4399	4	0,000	-5,348	-66,146	-66,146	0,000	-53,105	-53,121	0,001	-77,281	-112,094	0,000
	4415	5	0,000	-5,500	-66,274	-66,274	0,000	-53,840	-53,840	0,000	-85,446	-117,882	0,000
Plate_1_9	4415	1	0,000	-5,500	-66,278	-66,278	0,000	-53,482	-53,482	0,000	-85,446	-117,882	0,000
Element 10-16 (Plate)	4416	2	0,000	-5,731	-65,962	-65,962	0,000	-50,179	-50,179	0,000	-97,412	-125,172	0,000
(Paratia fi 800)	4417	3	0,000	-5,962	-65,544	-65,544	0,000	-46,523	-46,523	1,470	-108,581	-130,440	0,000
	4418	4	0,000	-6,192	-65,016	-65,016	0,000	-42,493	-42,493	4,070	-118,862	-133,930	0,000
	4419	5	0,000	-6,423	-64,370	-64,370	0,000	-38,070	-38,070	5,846	-128,165	-138,670	0,000
Plate_1_9	4419	1	0,000	-6,423	-64,349	-64,349	0,000	-38,071	-38,071	5,962	-128,165	-138,670	0,000
Element 10-17 (Plate)	4173	2	0,000	-6,663	-63,524	-63,524	0,000	-33,092	-33,092	7,368	-136,708	-142,083	0,000
(Paratia fi 800)	4174	3	0,000	-6,903	-62,428	-62,428	0,918	-27,924	-27,924	9,409	-144,034	-146,363	0,000
	4175	4	0,000	-7,143	-61,087	-61,087	2,529	-22,619	-22,619	12,668	-150,105	-150,416	0,000
	4331	5	0,000	-7,383	-59,524	-59,524	4,055	-17,229	-17,229	15,237	-154,886	-155,088	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_9	4331	1	0,000	-7,383	-59,555	-59,555	4,058	-17,279	-17,279	15,284	-154,886	-155,088	0,000
Element 10-18 (Plate)	4333	2	0,000	-7,633	-57,796	-57,796	5,563	-11,752	-11,752	17,316	-158,505	-158,582	0,000
(Paratia fi 800)	4334	3	0,000	-7,882	-55,952	-55,952	6,988	-6,454	-6,454	19,437	-160,771	-160,771	0,000
	4335	4	0,000	-8,132	-54,042	-54,042	8,332	-1,431	-1,431	21,293	-161,751	-161,751	0,000
	4332	5	0,000	-8,382	-52,082	-52,082	9,594	3,272	0,000	22,555	-161,513	-161,513	0,000
Plate_1_9	4332	1	0,000	-8,382	-52,098	-52,098	9,595	3,237	0,000	22,602	-161,513	-161,513	0,000
Element 10-19 (Plate)	4313	2	0,000	-8,641	-50,069	-50,069	10,825	7,648	0,000	23,421	-160,089	-160,089	0,000
(Paratia fi 800)	4314	3	0,000	-8,901	-48,079	-48,079	11,971	11,500	0,000	23,858	-157,591	-157,591	0,001
	4315	4	0,000	-9,160	-46,129	-46,129	13,032	14,794	0,000	23,947	-154,165	-154,165	0,087
	4312	5	0,000	-9,420	-44,223	-44,223	14,007	17,527	0,000	23,715	-149,958	-149,958	0,174
Plate_1_9	4312	1	0,000	-9,420	-44,201	-44,201	14,003	17,606	0,000	23,799	-149,958	-149,958	0,174
Element 10-20 (Plate)	4031	2	0,000	-9,690	-42,289	-42,289	14,930	19,803	0,000	23,882	-144,900	-144,900	0,262
(Paratia fi 800)	4032	3	0,000	-9,960	-40,337	-40,337	15,753	21,769	0,000	23,968	-139,290	-139,290	0,341
	4033	4	0,000	-10,230	-38,255	-38,255	17,310	23,716	0,000	24,562	-133,144	-133,144	0,405
	4231	5	0,000	-10,500	-35,951	-35,951	18,928	25,856	0,000	25,989	-126,463	-126,463	0,445
Plate_1_10	4231	1	0,000	-10,500	-36,413	-36,413	18,595	26,675	0,000	26,751	-126,463	-126,463	0,445
Element 11-21 (Plate)	4228	2	0,000	-10,760	-32,497	-32,497	20,825	30,325	-0,046	30,325	-119,013	-119,013	0,450
(Paratia fi 800)	4229	3	0,000	-11,020	-28,765	-28,765	22,936	32,524	-0,101	32,524	-110,811	-110,811	0,433
	4230	4	0,000	-11,281	-25,196	-25,196	24,932	33,490	-0,141	33,490	-102,191	-102,191	0,400
	4227	5	0,000	-11,541	-21,770	-21,770	26,816	33,440	-0,154	33,440	-93,468	-93,468	0,362
Plate_1_10	4227	1	0,000	-11,541	-21,753	-21,753	26,817	33,569	-0,159	33,569	-93,468	-93,468	0,362
Element 11-22 (Plate)	4209	2	0,000	-11,805	-18,344	-18,344	28,625	33,091	-0,166	33,091	-84,647	-84,647	0,319
(Paratia fi 800)	4210	3	0,000	-12,070	-15,033	-15,033	30,317	32,218	-0,167	32,218	-76,003	-76,003	0,275
	4211	4	0,000	-12,334	-11,824	-14,493	31,893	30,981	-0,163	30,981	-67,636	-67,636	0,231
	4208	5	0,000	-12,599	-8,716	-14,414	33,350	29,409	-0,155	29,409	-59,647	-59,647	0,189
Plate_1_10	4208	1	0,000	-12,599	-8,720	-14,413	33,348	29,455	-0,156	29,455	-59,647	-59,647	0,189
Element 11-23 (Plate)	3807	2	0,000	-12,867	-5,672	-14,318	34,703	27,660	-0,147	27,660	-51,972	-51,972	0,287
(Paratia fi 800)	3808	3	0,000	-13,136	-2,749	-14,207	35,927	25,758	-0,138	25,758	-44,791	-44,791	0,719
	3809	4	0,000	-13,405	0,045	-14,081	37,017	23,772	-0,129	23,772	-38,132	-38,132	1,067

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	3806	5	0,000	-13,673	2,705	-13,939	37,971	21,724	-0,120	21,724	-32,019	-32,019	1,339
Plate_1_10	3806	1	0,000	-13,673	2,700	-13,938	37,968	21,748	-0,120	21,748	-32,019	-32,019	1,339
Element 11-24 (Plate)	3629	2	0,000	-13,947	5,251	-13,777	38,793	19,697	-0,112	19,697	-26,363	-26,363	1,547
(Paratia fi 800)	3630	3	0,000	-14,220	7,643	-13,597	39,463	17,707	-0,104	17,707	-21,256	-21,256	1,691
	3631	4	0,000	-14,493	9,874	-13,399	39,976	15,786	-0,097	15,786	-16,683	-16,683	1,782
	3628	5	0,000	-14,766	11,940	-13,182	40,329	13,939	-0,091	13,939	-12,627	-12,627	1,828
Plate_1_10	3628	1	0,000	-14,766	11,935	-13,181	40,321	13,943	-0,090	13,943	-12,627	-12,627	1,828
Element 11-25 (Plate)	3286	2	0,000	-15,043	13,860	-12,941	40,512	12,169	-0,084	12,169	-9,006	-9,006	2,425
(Paratia fi 800)	3287	3	0,000	-15,321	15,594	-12,677	40,510	10,497	-0,142	10,497	-5,863	-5,863	2,980
	3288	4	0,000	-15,598	17,132	-12,391	40,313	8,929	-0,227	8,929	-3,169	-3,169	3,360
	3289	5	0,000	-15,876	18,473	-12,081	39,917	7,465	-0,293	7,465	-0,897	-0,897	3,750
Plate_1_10	3289	1	0,000	-15,876	18,464	-12,079	39,913	7,459	-0,294	7,459	-0,897	-0,897	3,750
Element 11-26 (Plate)	3152	2	0,000	-16,158	19,609	-11,738	39,297	6,078	-0,346	6,078	1,010	-0,173	4,523
(Paratia fi 800)	3153	3	0,000	-16,440	20,516	-11,366	38,465	4,773	-0,386	4,773	2,539	-0,186	5,030
	3154	4	0,000	-16,722	21,182	-10,962	37,419	3,539	-0,445	3,539	3,710	-0,196	5,301
	3175	5	0,000	-17,004	21,604	-10,526	36,157	2,371	-0,670	2,371	4,542	-0,202	5,368
Plate_1_10	3175	1	0,000	-17,004	21,589	-10,523	36,153	2,381	-0,675	2,381	4,542	-0,202	5,368
Element 11-27 (Plate)	3176	2	0,000	-17,291	21,740	-10,043	34,646	1,223	-0,860	1,223	5,055	-0,204	5,531
(Paratia fi 800)	3177	3	0,000	-17,577	21,566	-9,516	32,899	0,202	-1,103	0,202	5,255	-0,201	5,489
	3178	4	0,000	-17,864	21,065	-8,942	30,912	-0,669	-1,482	0,034	5,185	-0,194	5,242
	3202	5	0,000	-18,151	20,234	-8,321	28,685	-1,379	-1,780	0,051	4,887	-0,182	4,904
Plate_1_10	3202	1	0,000	-18,151	20,225	-8,314	28,675	-1,380	-1,781	0,049	4,887	-0,182	4,904
Element 11-28 (Plate)	3199	2	0,000	-18,442	19,026	-7,625	26,152	-1,953	-2,121	0,069	4,399	-0,165	4,410
(Paratia fi 800)	3200	3	0,000	-18,733	17,449	-6,857	23,338	-2,386	-2,432	0,084	3,763	-0,142	3,770
	3201	4	0,000	-19,025	15,492	-6,009	20,232	-2,676	-2,683	0,092	3,022	-0,117	3,027
	3223	5	0,000	-19,316	13,153	-5,079	16,858	-2,821	-2,826	0,093	2,219	-0,089	2,221
Plate_1_10	3223	1	0,000	-19,316	13,157	-5,050	16,840	-2,735	-2,740	0,082	2,219	-0,089	2,221
Element 11-29 (Plate)	3224	2	0,000	-19,612	10,321	-4,008	13,107	-2,773	-2,776	0,099	1,388	-0,063	1,389
(Paratia fi 800)	3225	3	0,000	-19,908	7,073	-2,769	8,939	-2,228	-2,230	0,102	0,635	-0,032	0,636

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	3226	4	0,000	-20,204	3,435	-1,315	4,332	-1,152	-1,153	0,066	0,121	-0,006	0,121
	3227	5	0,000	-20,500	-0,571	-0,711	0,374	0,406	-0,038	0,406	0,000	0,000	0,000

3.1.1.1.6 Calculation results, Plate, scavo totale valle [Phase_5] (5/27), Table of plate force envelopes

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_1	3402	1	0,000	-0,500	0,011	-0,001	0,011	0,012	-0,018	0,016	0,000	0,000	0,000
Element 1-1 (Plate)	3403	2	0,000	-0,625	-0,655	-0,673	0,000	-0,028	-0,049	0,231	-0,001	-0,003	0,013
(Paratia fi 800)	3404	3	0,000	-0,750	-1,323	-1,348	0,000	-0,059	-0,085	0,502	-0,007	-0,012	0,059
	3405	4	0,000	-0,875	-1,992	-2,024	0,000	-0,080	-0,112	0,748	-0,015	-0,024	0,137
	3696	5	0,000	-1,000	-2,661	-2,700	0,000	-0,091	-0,129	0,921	-0,026	-0,039	0,243
Plate_1_2	3696	1	0,000	-1,000	-2,689	-2,750	0,000	-0,194	-0,286	0,910	-0,026	-0,039	0,243
Element 2-2 (Plate)	3697	2	0,000	-1,250	-4,033	-4,067	0,000	-0,214	-0,214	0,777	-0,063	-0,079	0,462
(Paratia fi 800)	3698	3	0,000	-1,500	-5,562	-5,645	0,000	-0,929	-1,030	0,240	-0,191	-0,194	0,597
	3699	4	0,000	-1,750	-7,280	-7,458	0,000	-2,354	-2,695	0,000	-0,587	-0,635	0,549
	3751	5	0,000	-2,000	-9,190	-9,475	0,000	-4,506	-5,132	0,000	-1,429	-1,598	0,216
Plate_1_3	3751	1	0,000	-2,000	-9,198	-9,463	0,000	-4,535	-5,123	0,000	-1,429	-1,598	0,216
Element 3-3 (Plate)	3748	2	0,000	-2,125	-10,226	-10,556	0,000	-5,888	-6,604	0,000	-2,078	-2,329	0,000
(Paratia fi 800)	3749	3	0,000	-2,250	-11,299	-11,670	0,000	-7,404	-8,271	0,000	-2,907	-3,257	0,000
	3750	4	0,000	-2,375	-12,415	-12,803	0,000	-9,083	-10,125	0,000	-3,936	-4,405	0,000
	3766	5	0,000	-2,500	-13,574	-13,992	0,000	-10,927	-12,166	0,000	-5,185	-5,795	0,000
Plate_1_4	3766	1	0,000	-2,500	-13,575	-13,987	0,000	-10,930	-12,168	0,000	-5,185	-5,795	0,000
Element 4-4 (Plate)	3767	2	0,000	-2,647	-14,994	-15,489	0,000	-13,311	-14,806	0,000	-6,961	-7,772	0,000
(Paratia fi 800)	3768	3	0,000	-2,794	-16,477	-17,044	0,000	-15,929	-17,710	0,000	-9,106	-10,157	0,000
	3769	4	0,000	-2,941	-18,022	-18,642	0,000	-18,782	-20,879	0,000	-11,652	-12,988	0,000
	4080	5	0,000	-3,087	-19,629	-20,271	0,000	-21,869	-24,310	0,000	-14,633	-16,302	0,000
Plate_1_4	4080	1	0,000	-3,087	-19,630	-20,267	0,000	-21,871	-24,312	0,000	-14,633	-16,302	0,000
Element 4-5 (Plate)	4081	2	0,000	-3,191	-20,796	-21,418	0,000	-24,179	-26,880	0,000	-17,007	-18,940	0,000
(Paratia fi 800)	4082	3	0,000	-3,294	-21,994	-22,582	0,000	-26,606	-29,580	0,000	-19,626	-21,852	0,000
	4083	4	0,000	-3,397	-23,223	-23,853	0,000	-29,148	-32,409	0,000	-22,501	-25,049	0,000
	4346	5	0,000	-3,500	-24,482	-25,152	0,000	-31,805	-35,367	0,000	-25,644	-28,543	0,000
Plate_1_5	4346	1	0,000	-3,500	-78,101	-78,101	0,000	61,060	-35,278	61,060	-25,644	-28,543	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Element 5-6 (Plate)	4347	2	0,000	-3,588	-79,196	-79,196	0,000	58,708	-37,897	58,708	-20,385	-31,740	0,000
(Paratia fi 800)	4348	3	0,000	-3,676	-80,315	-80,315	0,000	56,271	-40,612	56,271	-15,335	-35,174	0,000
	4349	4	0,000	-3,763	-81,456	-81,456	0,000	53,753	-43,420	53,753	-10,503	-38,849	0,000
	4365	5	0,000	-3,851	-82,617	-82,617	0,000	51,153	-46,321	51,153	-5,897	-42,774	0,000
Plate_1_6	4365	1	0,000	-3,851	-82,618	-82,618	0,000	51,151	-46,049	51,151	-5,897	-42,774	0,000
Element 6-7 (Plate)	4366	2	0,000	-4,013	-84,821	-84,821	0,000	46,134	-47,617	46,134	1,994	-50,367	1,994
(Paratia fi 800)	4367	3	0,000	-4,176	-87,101	-87,101	0,000	40,834	-48,678	40,834	9,052	-58,188	9,052
	4368	4	0,000	-4,338	-89,456	-89,456	0,000	35,253	-49,067	35,253	15,227	-66,124	15,227
	4369	5	0,000	-4,500	-91,885	-91,885	0,000	29,397	-48,729	29,397	20,472	-74,064	20,472
Plate_1_7	4369	1	0,000	-4,500	-91,886	-91,886	0,000	29,394	-48,729	29,394	20,472	-74,064	20,472
Element 7-8 (Plate)	4195	2	0,000	-4,598	-93,382	-93,382	0,000	25,739	-48,250	25,739	23,160	-78,792	23,160
(Paratia fi 800)	4196	3	0,000	-4,695	-94,905	-94,905	0,000	21,981	-48,098	21,981	25,488	-83,466	25,488
	4197	4	0,000	-4,793	-96,456	-96,456	0,000	18,123	-49,585	18,123	27,444	-88,066	27,444
	4396	5	0,000	-4,890	-98,032	-98,032	0,000	14,168	-51,031	14,168	29,019	-92,573	29,019
Plate_1_8	4396	1	0,000	-4,890	-98,036	-98,036	0,000	14,154	-50,829	14,154	29,019	-92,573	29,019
Element 9-15 (Plate)	4397	2	0,000	-5,043	-100,548	-100,548	0,000	7,794	-50,923	7,794	30,696	-99,403	30,696
(Paratia fi 800)	4398	3	0,000	-5,195	-103,131	-103,131	0,000	1,168	-51,784	1,168	31,382	-105,923	31,382
	4399	4	0,000	-5,348	-105,778	-105,778	0,000	-5,694	-53,121	0,001	31,040	-112,094	31,040
	4415	5	0,000	-5,500	-108,478	-108,478	0,000	-12,760	-53,840	0,000	29,636	-117,882	29,636
Plate_1_9	4415	1	0,000	-5,500	-108,458	-108,458	0,000	-12,500	-53,482	0,000	29,636	-117,882	29,636
Element 10-16 (Plate)	4416	2	0,000	-5,731	-110,525	-110,525	0,000	-17,329	-50,179	0,000	26,186	-125,172	26,186
(Paratia fi 800)	4417	3	0,000	-5,962	-112,455	-112,455	0,000	-21,681	-46,523	1,470	21,673	-130,440	21,673
	4418	4	0,000	-6,192	-114,239	-114,239	0,000	-25,532	-43,143	4,070	16,214	-133,930	16,214
	4419	5	0,000	-6,423	-115,869	-115,869	0,000	-28,860	-40,651	5,846	9,928	-138,670	9,928
Plate_1_9	4419	1	0,000	-6,423	-115,854	-115,854	0,000	-28,811	-40,584	5,962	9,928	-138,670	9,928
Element 10-17 (Plate)	4173	2	0,000	-6,663	-117,386	-117,386	0,000	-31,732	-39,769	7,368	2,656	-142,083	2,656
(Paratia fi 800)	4174	3	0,000	-6,903	-118,793	-118,793	0,918	-34,228	-40,241	9,409	-5,270	-146,363	0,000
	4175	4	0,000	-7,143	-120,075	-120,075	2,529	-36,305	-40,702	12,668	-13,745	-150,416	0,000
	4331	5	0,000	-7,383	-121,233	-121,233	4,055	-37,968	-40,673	15,237	-22,665	-155,088	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_9	4331	1	0,000	-7,383	-121,241	-121,241	4,058	-37,994	-40,713	15,284	-22,665	-155,088	0,000
Element 10-18 (Plate)	4333	2	0,000	-7,633	-122,336	-122,336	5,563	-39,356	-40,623	17,316	-32,324	-158,582	0,000
(Paratia fi 800)	4334	3	0,000	-7,882	-123,329	-123,329	6,988	-40,379	-41,105	19,437	-42,284	-160,771	0,000
	4335	4	0,000	-8,132	-124,225	-124,225	8,332	-41,080	-41,246	21,293	-52,460	-161,751	0,000
	4332	5	0,000	-8,382	-125,028	-125,028	9,594	-41,477	-41,477	22,555	-62,768	-161,513	0,000
Plate_1_9	4332	1	0,000	-8,382	-125,030	-125,030	9,595	-41,484	-41,484	22,602	-62,768	-161,513	0,000
Element 10-19 (Plate)	4313	2	0,000	-8,641	-125,779	-125,779	10,825	-41,611	-41,611	23,421	-73,556	-160,089	0,000
(Paratia fi 800)	4314	3	0,000	-8,901	-126,450	-126,450	11,971	-41,489	-41,489	23,858	-84,350	-158,692	0,001
	4315	4	0,000	-9,160	-127,046	-127,046	13,032	-41,125	-41,125	23,947	-95,081	-158,502	0,087
	4312	5	0,000	-9,420	-127,568	-127,568	14,007	-40,528	-40,528	23,715	-105,682	-157,419	0,174
Plate_1_9	4312	1	0,000	-9,420	-127,577	-127,577	14,003	-40,557	-40,557	23,799	-105,682	-157,419	0,174
Element 10-20 (Plate)	4031	2	0,000	-9,690	-128,021	-128,021	14,930	-39,618	-39,618	23,882	-116,502	-159,211	0,262
(Paratia fi 800)	4032	3	0,000	-9,960	-128,355	-128,355	15,753	-38,325	-38,325	23,968	-127,048	-161,079	0,341
	4033	4	0,000	-10,230	-128,470	-128,470	17,310	-36,316	-36,316	24,562	-137,136	-163,818	0,405
	4231	5	0,000	-10,500	-128,258	-128,258	18,928	-33,224	-33,224	25,989	-146,554	-168,371	0,445
Plate_1_10	4231	1	0,000	-10,500	-127,085	-127,085	18,595	-31,345	-31,345	26,751	-146,554	-168,371	0,445
Element 11-21 (Plate)	4228	2	0,000	-10,760	-123,077	-123,077	20,825	-17,570	-17,570	30,325	-152,852	-170,132	0,450
(Paratia fi 800)	4229	3	0,000	-11,020	-119,243	-119,243	22,936	-6,493	-6,493	32,524	-155,934	-169,149	0,433
	4230	4	0,000	-11,281	-115,573	-115,573	24,932	2,161	-0,141	33,490	-156,442	-165,996	0,400
	4227	5	0,000	-11,541	-112,053	-112,053	26,816	8,666	-0,154	33,440	-154,993	-161,227	0,362
Plate_1_10	4227	1	0,000	-11,541	-112,021	-112,021	26,817	8,926	-0,159	33,582	-154,993	-161,227	0,362
Element 11-22 (Plate)	4209	2	0,000	-11,805	-108,491	-108,491	28,625	14,371	-0,166	34,209	-151,888	-155,766	0,319
(Paratia fi 800)	4210	3	0,000	-12,070	-105,003	-105,003	30,317	18,726	-0,167	34,269	-147,489	-150,391	0,275
	4211	4	0,000	-12,334	-101,548	-101,548	31,893	22,062	-0,163	33,897	-142,072	-144,058	0,231
	4208	5	0,000	-12,599	-98,118	-98,118	33,350	24,453	-0,155	34,180	-135,904	-137,034	0,189
Plate_1_10	4208	1	0,000	-12,599	-98,111	-98,111	33,348	24,525	-0,156	34,242	-135,904	-137,034	0,189
Element 11-23 (Plate)	3807	2	0,000	-12,867	-94,623	-94,623	34,703	26,241	-0,147	34,036	-129,071	-129,391	0,287
(Paratia fi 800)	3808	3	0,000	-13,136	-91,116	-91,116	35,927	27,393	-0,138	33,961	-121,852	-121,852	0,719
	3809	4	0,000	-13,405	-87,585	-87,585	37,017	28,023	-0,129	33,826	-114,392	-114,392	1,067

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	3806	5	0,000	-13,673	-84,027	-84,027	37,971	28,170	-0,120	33,234	-106,833	-106,833	1,339
Plate_1_10	3806	1	0,000	-13,673	-84,023	-84,023	37,968	28,212	-0,120	33,273	-106,833	-106,833	1,339
Element 11-24 (Plate)	3629	2	0,000	-13,947	-80,365	-80,365	38,793	28,013	-0,112	32,341	-99,151	-99,151	1,547
(Paratia fi 800)	3630	3	0,000	-14,220	-76,655	-76,655	39,463	27,558	-0,104	31,156	-91,557	-91,557	1,691
	3631	4	0,000	-14,493	-72,893	-72,893	39,976	26,871	-0,097	29,738	-84,117	-84,117	1,782
	3628	5	0,000	-14,766	-69,079	-69,079	40,329	25,978	-0,091	28,110	-76,898	-76,898	1,828
Plate_1_10	3628	1	0,000	-14,766	-69,078	-69,078	40,321	26,001	-0,090	28,133	-76,898	-76,898	1,828
Element 11-25 (Plate)	3286	2	0,000	-15,043	-65,141	-65,141	40,512	24,970	-0,084	26,343	-69,824	-69,824	2,425
(Paratia fi 800)	3287	3	0,000	-15,321	-61,143	-61,143	40,510	23,859	-0,142	24,680	-63,045	-63,045	2,980
	3288	4	0,000	-15,598	-57,085	-57,085	40,313	22,680	-0,227	23,221	-56,584	-56,584	3,360
	3289	5	0,000	-15,876	-52,971	-52,971	39,917	21,442	-0,293	21,696	-50,462	-50,462	3,750
Plate_1_10	3289	1	0,000	-15,876	-52,975	-52,975	39,913	21,449	-0,294	21,708	-50,462	-50,462	3,750
Element 11-26 (Plate)	3152	2	0,000	-16,158	-48,803	-48,803	39,297	20,155	-0,346	20,155	-44,595	-44,595	4,523
(Paratia fi 800)	3153	3	0,000	-16,440	-44,739	-44,739	38,465	18,848	-0,386	18,848	-39,093	-39,093	5,030
	3154	4	0,000	-16,722	-40,786	-40,786	37,419	17,534	-0,445	17,534	-33,961	-33,961	5,301
	3175	5	0,000	-17,004	-36,946	-36,946	36,157	16,218	-0,670	16,218	-29,203	-29,203	5,368
Plate_1_10	3175	1	0,000	-17,004	-36,948	-36,948	36,153	16,217	-0,675	16,217	-29,203	-29,203	5,368
Element 11-27 (Plate)	3176	2	0,000	-17,291	-33,160	-33,160	34,646	14,898	-0,860	14,898	-24,745	-24,745	5,531
(Paratia fi 800)	3177	3	0,000	-17,577	-29,504	-29,504	32,899	13,593	-1,103	13,593	-20,661	-20,661	5,489
	3178	4	0,000	-17,864	-25,982	-25,982	30,912	12,304	-1,482	12,304	-16,949	-16,949	5,242
	3202	5	0,000	-18,151	-22,599	-22,599	28,685	11,029	-1,780	11,029	-13,606	-13,606	5,163
Plate_1_10	3202	1	0,000	-18,151	-22,599	-22,599	28,675	11,023	-1,781	11,023	-13,606	-13,606	5,163
Element 11-28 (Plate)	3199	2	0,000	-18,442	-19,306	-19,306	26,152	9,744	-2,121	9,744	-10,581	-10,581	4,986
(Paratia fi 800)	3200	3	0,000	-18,733	-16,154	-16,154	23,338	8,440	-2,432	8,440	-7,932	-7,932	4,495
	3201	4	0,000	-19,025	-13,144	-13,144	20,232	7,117	-2,883	7,117	-5,665	-5,665	3,756
	3223	5	0,000	-19,316	-10,278	-10,278	16,858	5,783	-3,372	5,783	-3,786	-3,786	2,839
Plate_1_10	3223	1	0,000	-19,316	-10,225	-10,225	16,840	5,761	-3,263	5,761	-3,786	-3,786	2,839
Element 11-29 (Plate)	3224	2	0,000	-19,612	-7,576	-7,576	13,107	4,505	-3,507	4,505	-2,295	-2,295	1,814
(Paratia fi 800)	3225	3	0,000	-19,908	-4,977	-4,977	8,939	3,549	-2,902	3,549	-1,075	-1,075	0,848

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	3226	4	0,000	-20,204	-2,357	-2,357	4,332	2,066	-1,540	2,066	-0,246	-0,246	0,170
	3227	5	0,000	-20,500	0,354	-0,711	0,374	-0,774	-0,774	0,487	0,000	0,000	0,000

3.1.1.1.7 Calculation results, Plate, terrapieno [Phase_6] (6/47), Table of plate force envelopes

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_1	3402	1	0,000	-0,500	0,018	-0,001	0,018	-0,027	-0,027	0,016	0,000	0,000	0,000
Element 1-1 (Plate)	3403	2	0,000	-0,625	-0,503	-0,673	0,000	0,002	-0,049	0,231	0,000	-0,003	0,013
(Paratia fi 800)	3404	3	0,000	-0,750	-1,085	-1,348	0,000	-0,079	-0,085	0,502	-0,005	-0,012	0,059
	3405	4	0,000	-0,875	-1,720	-2,024	0,000	-0,191	-0,195	0,748	-0,021	-0,024	0,137
	3696	5	0,000	-1,000	-2,396	-2,700	0,000	-0,253	-0,255	0,921	-0,050	-0,051	0,243
Plate_1_2	3696	1	0,000	-1,000	-2,416	-2,750	0,000	-0,352	-0,355	0,910	-0,050	-0,051	0,243
Element 2-2 (Plate)	3697	2	0,000	-1,250	-3,759	-4,067	0,000	-0,351	-0,354	0,777	-0,123	-0,126	0,462
(Paratia fi 800)	3698	3	0,000	-1,500	-5,290	-5,645	0,000	-1,049	-1,051	0,240	-0,283	-0,287	0,597
	3699	4	0,000	-1,750	-7,010	-7,458	0,000	-2,461	-2,695	0,000	-0,707	-0,711	0,549
	3751	5	0,000	-2,000	-8,925	-9,475	0,000	-4,605	-5,132	0,000	-1,575	-1,598	0,216
Plate_1_3	3751	1	0,000	-2,000	-8,933	-9,463	0,000	-4,632	-5,123	0,000	-1,575	-1,598	0,216
Element 3-3 (Plate)	3748	2	0,000	-2,125	-9,964	-10,556	0,000	-5,982	-6,604	0,000	-2,236	-2,329	0,000
(Paratia fi 800)	3749	3	0,000	-2,250	-11,038	-11,670	0,000	-7,494	-8,271	0,000	-3,077	-3,257	0,000
	3750	4	0,000	-2,375	-12,157	-12,803	0,000	-9,169	-10,125	0,000	-4,117	-4,405	0,000
	3766	5	0,000	-2,500	-13,319	-13,992	0,000	-11,010	-12,166	0,000	-5,376	-5,795	0,000
Plate_1_4	3766	1	0,000	-2,500	-13,320	-13,987	0,000	-11,013	-12,168	0,000	-5,376	-5,795	0,000
Element 4-4 (Plate)	3767	2	0,000	-2,647	-14,742	-15,489	0,000	-13,392	-14,806	0,000	-7,165	-7,772	0,000
(Paratia fi 800)	3768	3	0,000	-2,794	-16,228	-17,044	0,000	-16,007	-17,710	0,000	-9,321	-10,157	0,000
	3769	4	0,000	-2,941	-17,776	-18,642	0,000	-18,858	-20,879	0,000	-11,878	-12,988	0,000
	4080	5	0,000	-3,087	-19,386	-20,271	0,000	-21,943	-24,310	0,000	-14,871	-16,302	0,000
Plate_1_4	4080	1	0,000	-3,087	-19,387	-20,267	0,000	-21,944	-24,312	0,000	-14,871	-16,302	0,000
Element 4-5 (Plate)	4081	2	0,000	-3,191	-20,555	-21,418	0,000	-24,252	-26,880	0,000	-17,252	-18,940	0,000
(Paratia fi 800)	4082	3	0,000	-3,294	-21,755	-22,582	0,000	-26,677	-29,580	0,000	-19,878	-21,852	0,000
	4083	4	0,000	-3,397	-22,985	-23,853	0,000	-29,218	-32,409	0,000	-22,761	-25,049	0,000
	4346	5	0,000	-3,500	-24,246	-25,152	0,000	-31,874	-35,367	0,000	-25,910	-28,543	0,000
Plate_1_5	4346	1	0,000	-3,500	-78,095	-78,277	0,000	61,391	-35,278	61,512	-25,910	-28,543	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Element 5-6 (Plate)	4347	2	0,000	-3,588	-79,192	-79,371	0,000	59,039	-37,897	59,159	-20,623	-31,740	0,000
(Paratia fi 800)	4348	3	0,000	-3,676	-80,312	-80,488	0,000	56,603	-40,612	56,723	-15,544	-35,174	0,000
	4349	4	0,000	-3,763	-81,454	-81,627	0,000	54,085	-43,420	54,204	-10,682	-38,849	0,000
	4365	5	0,000	-3,851	-82,617	-82,787	0,000	51,485	-46,321	51,604	-6,047	-42,774	0,000
Plate_1_6	4365	1	0,000	-3,851	-82,618	-82,788	0,000	51,483	-46,049	51,602	-6,047	-42,774	0,000
Element 6-7 (Plate)	4366	2	0,000	-4,013	-84,823	-84,988	0,000	46,467	-47,617	46,585	1,898	-50,367	2,200
(Paratia fi 800)	4367	3	0,000	-4,176	-87,104	-87,265	0,000	41,166	-48,678	41,284	9,010	-58,188	9,331
	4368	4	0,000	-4,338	-89,460	-89,617	0,000	35,586	-49,067	35,703	15,239	-66,124	15,579
	4369	5	0,000	-4,500	-91,889	-92,043	0,000	29,729	-48,729	29,846	20,538	-74,064	20,897
Plate_1_7	4369	1	0,000	-4,500	-91,890	-92,044	0,000	29,727	-48,729	29,844	20,538	-74,064	20,897
Element 7-8 (Plate)	4195	2	0,000	-4,598	-93,386	-93,538	0,000	26,072	-48,250	26,188	23,259	-78,792	23,629
(Paratia fi 800)	4196	3	0,000	-4,695	-94,910	-95,060	0,000	22,314	-48,098	22,430	25,619	-83,466	26,000
	4197	4	0,000	-4,793	-96,460	-96,609	0,000	18,457	-49,585	18,571	27,608	-88,066	28,001
	4396	5	0,000	-4,890	-98,037	-98,184	0,000	14,502	-51,031	14,615	29,215	-92,573	29,619
Plate_1_8	4396	1	0,000	-4,890	-98,041	-98,188	0,000	14,488	-50,829	14,600	29,215	-92,573	29,619
Element 9-15 (Plate)	4397	2	0,000	-5,043	-100,552	-100,697	0,000	8,129	-50,923	8,240	30,943	-99,403	31,364
(Paratia fi 800)	4398	3	0,000	-5,195	-103,136	-103,279	0,000	1,502	-51,784	1,611	31,680	-105,923	32,118
	4399	4	0,000	-5,348	-105,782	-105,924	0,000	-5,360	-53,121	0,001	31,389	-112,094	31,843
	4415	5	0,000	-5,500	-108,484	-108,624	0,000	-12,427	-53,840	0,000	30,035	-117,882	30,505
Plate_1_9	4415	1	0,000	-5,500	-108,464	-108,605	0,000	-12,167	-53,482	0,000	30,035	-117,882	30,505
Element 10-16 (Plate)	4416	2	0,000	-5,731	-110,550	-110,703	0,000	-17,035	-50,179	0,000	26,657	-125,172	27,147
(Paratia fi 800)	4417	3	0,000	-5,962	-112,499	-112,668	0,000	-21,423	-46,523	1,470	22,208	-130,440	22,711
	4418	4	0,000	-6,192	-114,304	-114,489	0,000	-25,307	-43,143	4,070	16,805	-133,930	17,312
	4419	5	0,000	-6,423	-115,954	-116,156	0,000	-28,666	-40,651	5,846	10,568	-138,670	11,067
Plate_1_9	4419	1	0,000	-6,423	-115,940	-116,142	0,000	-28,619	-40,584	5,962	10,568	-138,670	11,067
Element 10-17 (Plate)	4173	2	0,000	-6,663	-117,492	-117,706	0,000	-31,566	-39,769	7,368	3,338	-142,083	3,821
(Paratia fi 800)	4174	3	0,000	-6,903	-118,922	-119,147	0,918	-34,098	-40,241	9,409	-4,552	-146,363	0,000
	4175	4	0,000	-7,143	-120,229	-120,464	2,529	-36,219	-40,702	12,668	-13,001	-150,416	0,000
	4331	5	0,000	-7,383	-121,414	-121,660	4,055	-37,935	-40,673	15,237	-21,906	-155,088	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_9	4331	1	0,000	-7,383	-121,421	-121,667	4,058	-37,959	-40,713	15,284	-21,906	-155,088	0,000
Element 10-18 (Plate)	4333	2	0,000	-7,633	-122,542	-122,799	5,563	-39,376	-40,623	17,316	-31,563	-158,582	0,000
(Paratia fi 800)	4334	3	0,000	-7,882	-123,560	-123,827	6,988	-40,453	-41,105	19,437	-41,535	-160,771	0,000
	4335	4	0,000	-8,132	-124,479	-124,756	8,332	-41,205	-41,479	21,293	-51,736	-161,751	0,000
	4332	5	0,000	-8,382	-125,303	-125,589	9,594	-41,652	-41,944	22,555	-62,081	-161,513	0,000
Plate_1_9	4332	1	0,000	-8,382	-125,307	-125,591	9,595	-41,659	-41,951	22,602	-62,081	-161,513	0,000
Element 10-19 (Plate)	4313	2	0,000	-8,641	-126,071	-126,367	10,825	-41,840	-42,144	23,421	-72,922	-160,089	0,000
(Paratia fi 800)	4314	3	0,000	-8,901	-126,761	-127,061	11,971	-41,768	-42,077	23,858	-83,782	-158,692	0,001
	4315	4	0,000	-9,160	-127,379	-127,673	13,032	-41,448	-41,755	23,947	-94,591	-158,502	0,087
	4312	5	0,000	-9,420	-127,925	-128,205	14,007	-40,888	-41,193	23,715	-105,281	-157,419	0,174
Plate_1_9	4312	1	0,000	-9,420	-127,932	-128,216	14,003	-40,912	-41,213	23,799	-105,281	-157,419	0,174
Element 10-20 (Plate)	4031	2	0,000	-9,690	-128,402	-128,657	14,930	-39,995	-40,295	23,882	-116,200	-159,211	0,262
(Paratia fi 800)	4032	3	0,000	-9,960	-128,760	-128,988	15,753	-38,696	-38,978	23,968	-126,848	-161,079	0,341
	4033	4	0,000	-10,230	-128,899	-129,103	17,310	-36,653	-36,895	24,562	-137,032	-163,818	0,405
	4231	5	0,000	-10,500	-128,713	-128,896	18,928	-33,503	-33,680	25,989	-146,534	-168,371	0,445
Plate_1_10	4231	1	0,000	-10,500	-127,548	-127,726	18,595	-31,631	-31,802	26,751	-146,534	-168,371	0,445
Element 11-21 (Plate)	4228	2	0,000	-10,760	-123,603	-123,751	20,825	-17,854	-17,985	30,325	-152,906	-170,132	0,450
(Paratia fi 800)	4229	3	0,000	-11,020	-119,825	-119,955	22,936	-6,761	-6,859	32,524	-156,061	-169,149	0,433
	4230	4	0,000	-11,281	-116,202	-116,323	24,932	1,926	-0,141	33,490	-156,634	-165,996	0,400
	4227	5	0,000	-11,541	-112,724	-112,842	26,816	8,481	-0,154	33,440	-155,240	-161,227	0,362
Plate_1_10	4227	1	0,000	-11,541	-112,695	-112,810	26,817	8,732	-0,159	33,582	-155,240	-161,227	0,362
Element 11-22 (Plate)	4209	2	0,000	-11,805	-109,210	-109,317	28,625	14,216	-0,166	34,209	-152,181	-155,766	0,319
(Paratia fi 800)	4210	3	0,000	-12,070	-105,765	-105,862	30,317	18,607	-0,167	34,269	-147,819	-150,391	0,275
	4211	4	0,000	-12,334	-102,351	-102,437	31,893	21,975	-0,163	33,897	-142,428	-144,058	0,231
	4208	5	0,000	-12,599	-98,957	-99,033	33,350	24,395	-0,155	34,180	-136,280	-137,034	0,189
Plate_1_10	4208	1	0,000	-12,599	-98,950	-99,027	33,348	24,468	-0,156	34,242	-136,280	-137,034	0,189
Element 11-23 (Plate)	3807	2	0,000	-12,867	-95,495	-95,562	34,703	26,209	-0,147	34,036	-129,459	-129,912	0,287
(Paratia fi 800)	3808	3	0,000	-13,136	-92,017	-92,074	35,927	27,383	-0,138	33,961	-122,245	-122,673	0,719
	3809	4	0,000	-13,405	-88,511	-88,559	37,017	28,030	-0,129	33,826	-114,785	-115,185	1,067

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	3806	5	0,000	-13,673	-84,975	-85,014	37,971	28,193	-0,120	33,234	-107,223	-107,593	1,339
Plate_1_10	3806	1	0,000	-13,673	-84,972	-85,010	37,968	28,234	-0,120	33,273	-107,223	-107,593	1,339
Element 11-24 (Plate)	3629	2	0,000	-13,947	-81,332	-81,362	38,793	28,047	-0,112	32,341	-99,533	-99,873	1,547
(Paratia fi 800)	3630	3	0,000	-14,220	-77,636	-77,658	39,463	27,602	-0,104	31,156	-91,927	-92,237	1,691
	3631	4	0,000	-14,493	-73,885	-73,899	39,976	26,923	-0,097	29,738	-84,475	-84,756	1,782
	3628	5	0,000	-14,766	-70,078	-70,085	40,329	26,035	-0,091	28,110	-77,241	-77,494	1,828
Plate_1_10	3628	1	0,000	-14,766	-70,076	-70,083	40,321	26,058	-0,090	28,133	-77,241	-77,494	1,828
Element 11-25 (Plate)	3286	2	0,000	-15,043	-66,141	-66,144	40,512	25,032	-0,084	26,343	-70,151	-70,377	2,425
(Paratia fi 800)	3287	3	0,000	-15,321	-62,138	-62,139	40,510	23,924	-0,142	24,680	-63,354	-63,556	2,980
	3288	4	0,000	-15,598	-58,070	-58,070	40,313	22,746	-0,227	23,221	-56,874	-57,052	3,360
	3289	5	0,000	-15,876	-53,941	-53,941	39,917	21,505	-0,293	21,696	-50,734	-50,889	3,750
Plate_1_10	3289	1	0,000	-15,876	-53,954	-53,954	39,913	21,514	-0,294	21,708	-50,734	-50,889	3,750
Element 11-26 (Plate)	3152	2	0,000	-16,158	-49,738	-49,738	39,297	20,216	-0,346	20,299	-44,850	-44,981	4,523
(Paratia fi 800)	3153	3	0,000	-16,440	-45,634	-45,634	38,465	18,907	-0,386	18,987	-39,332	-39,440	5,030
	3154	4	0,000	-16,722	-41,641	-41,641	37,419	17,593	-0,445	17,668	-34,183	-34,269	5,301
	3175	5	0,000	-17,004	-37,762	-37,762	36,157	16,280	-0,670	16,348	-29,407	-29,473	5,368
Plate_1_10	3175	1	0,000	-17,004	-37,763	-37,763	36,153	16,278	-0,675	16,346	-29,407	-29,473	5,368
Element 11-27 (Plate)	3176	2	0,000	-17,291	-33,930	-33,930	34,646	14,961	-0,860	15,019	-24,931	-24,980	5,531
(Paratia fi 800)	3177	3	0,000	-17,577	-30,223	-30,223	32,899	13,658	-1,103	13,707	-20,829	-20,862	5,489
	3178	4	0,000	-17,864	-26,646	-26,646	30,912	12,368	-1,482	12,409	-17,099	-17,118	5,242
	3202	5	0,000	-18,151	-23,205	-23,205	28,685	11,092	-1,780	11,126	-13,738	-13,747	5,163
Plate_1_10	3202	1	0,000	-18,151	-23,205	-23,205	28,675	11,085	-1,781	11,119	-13,738	-13,747	5,163
Element 11-28 (Plate)	3199	2	0,000	-18,442	-19,851	-19,851	26,152	9,807	-2,121	9,832	-10,695	-10,695	4,986
(Paratia fi 800)	3200	3	0,000	-18,733	-16,634	-16,634	23,338	8,504	-2,432	8,519	-8,027	-8,027	4,495
	3201	4	0,000	-19,025	-13,556	-13,556	20,232	7,183	-2,883	7,189	-5,741	-5,741	3,756
	3223	5	0,000	-19,316	-10,619	-10,619	16,858	5,851	-3,372	5,851	-3,843	-3,843	2,839
Plate_1_10	3223	1	0,000	-19,316	-10,565	-10,565	16,840	5,827	-3,263	5,827	-3,843	-3,843	2,839
Element 11-29 (Plate)	3224	2	0,000	-19,612	-7,838	-7,838	13,107	4,572	-3,507	4,572	-2,333	-2,333	1,814
(Paratia fi 800)	3225	3	0,000	-19,908	-5,154	-5,154	8,939	3,609	-2,902	3,609	-1,094	-1,094	0,848

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	3226	4	0,000	-20,204	-2,442	-2,442	4,332	2,101	-1,540	2,101	-0,249	-0,249	0,170
	3227	5	0,000	-20,500	0,369	-0,711	0,374	-0,789	-0,789	0,487	0,000	0,000	0,000

3.1.1.1.8 Calculation results, Plate, plinto+pali [Phase_7] (7/50), Table of plate force envelopes

Structural element	Node [10 ^{3}]	Local number	X [m]	Y [m]	N [kN/m]	N $_{min}$ [kN/m]	N $_{max}$ [kN/m]	Q [kN/m]	Q $_{min}$ [kN/m]	Q $_{max}$ [kN/m]	M [kN m/m]	M $_{min}$ [kN m/m]	M $_{max}$ [kN m/m]
Plate_1_1	3402	1	0,000	-0,500	0,019	-0,001	0,019	-0,030	-0,030	0,016	0,000	0,000	0,000
Element 1-1 (Plate)	3403	2	0,000	-0,625	-0,489	-0,673	0,000	0,007	-0,049	0,231	0,001	-0,003	0,013
(Paratia fi 800)	3404	3	0,000	-0,750	-1,057	-1,348	0,000	-0,080	-0,085	0,502	-0,004	-0,012	0,059
	3405	4	0,000	-0,875	-1,678	-2,024	0,000	-0,204	-0,204	0,748	-0,021	-0,024	0,137
	3696	5	0,000	-1,000	-2,341	-2,700	0,000	-0,276	-0,276	0,921	-0,052	-0,053	0,243
Plate_1_2	3696	1	0,000	-1,000	-2,360	-2,750	0,000	-0,366	-0,367	0,910	-0,052	-0,053	0,243
Element 2-2 (Plate)	3697	2	0,000	-1,250	-3,677	-4,067	0,000	-0,376	-0,376	0,777	-0,131	-0,131	0,462
(Paratia fi 800)	3698	3	0,000	-1,500	-5,175	-5,645	0,000	-1,081	-1,081	0,240	-0,298	-0,298	0,597
	3699	4	0,000	-1,750	-6,860	-7,458	0,000	-2,498	-2,695	0,000	-0,731	-0,731	0,549
	3751	5	0,000	-2,000	-8,734	-9,475	0,000	-4,645	-5,132	0,000	-1,608	-1,608	0,216
Plate_1_3	3751	1	0,000	-2,000	-8,742	-9,463	0,000	-4,673	-5,123	0,000	-1,608	-1,608	0,216
Element 3-3 (Plate)	3748	2	0,000	-2,125	-9,752	-10,556	0,000	-6,024	-6,604	0,000	-2,275	-2,329	0,000
(Paratia fi 800)	3749	3	0,000	-2,250	-10,804	-11,670	0,000	-7,539	-8,271	0,000	-3,121	-3,257	0,000
	3750	4	0,000	-2,375	-11,899	-12,803	0,000	-9,218	-10,125	0,000	-4,167	-4,405	0,000
	3766	5	0,000	-2,500	-13,037	-13,992	0,000	-11,063	-12,166	0,000	-5,432	-5,795	0,000
Plate_1_4	3766	1	0,000	-2,500	-13,038	-13,987	0,000	-11,066	-12,168	0,000	-5,432	-5,795	0,000
Element 4-4 (Plate)	3767	2	0,000	-2,647	-14,431	-15,489	0,000	-13,450	-14,806	0,000	-7,229	-7,772	0,000
(Paratia fi 800)	3768	3	0,000	-2,794	-15,886	-17,044	0,000	-16,072	-17,710	0,000	-9,394	-10,157	0,000
	3769	4	0,000	-2,941	-17,403	-18,642	0,000	-18,930	-20,879	0,000	-11,962	-12,988	0,000
	4080	5	0,000	-3,087	-18,980	-20,271	0,000	-22,024	-24,310	0,000	-14,965	-16,302	0,000
Plate_1_4	4080	1	0,000	-3,087	-18,981	-20,267	0,000	-22,026	-24,312	0,000	-14,965	-16,302	0,000
Element 4-5 (Plate)	4081	2	0,000	-3,191	-20,125	-21,418	0,000	-24,340	-26,880	0,000	-17,355	-18,940	0,000
(Paratia fi 800)	4082	3	0,000	-3,294	-21,300	-22,582	0,000	-26,774	-29,580	0,000	-19,991	-21,852	0,000
	4083	4	0,000	-3,397	-22,506	-23,853	0,000	-29,324	-32,409	0,000	-22,884	-25,049	0,000
	4346	5	0,000	-3,500	-23,741	-25,152	0,000	-31,990	-35,367	0,000	-26,045	-28,543	0,000
Plate_1_5	4346	1	0,000	-3,500	-77,239	-78,277	0,000	60,665	-35,278	61,512	-26,045	-28,543	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Element 5-6 (Plate)	4347	2	0,000	-3,588	-78,314	-79,371	0,000	58,304	-37,897	59,159	-20,822	-31,740	0,000
(Paratia fi 800)	4348	3	0,000	-3,676	-79,411	-80,488	0,000	55,858	-40,612	56,723	-15,808	-35,174	0,000
	4349	4	0,000	-3,763	-80,530	-81,627	0,000	53,328	-43,420	54,204	-11,012	-38,849	0,000
	4365	5	0,000	-3,851	-81,670	-82,787	0,000	50,717	-46,321	51,604	-6,444	-42,774	0,000
Plate_1_6	4365	1	0,000	-3,851	-81,671	-82,788	0,000	50,715	-46,049	51,602	-6,444	-42,774	0,000
Element 6-7 (Plate)	4366	2	0,000	-4,013	-83,832	-84,988	0,000	45,674	-47,617	46,585	1,375	-50,367	2,200
(Paratia fi 800)	4367	3	0,000	-4,176	-86,067	-87,265	0,000	40,346	-48,678	41,284	8,356	-58,188	9,331
	4368	4	0,000	-4,338	-88,376	-89,617	0,000	34,733	-49,067	35,703	14,450	-66,124	15,579
	4369	5	0,000	-4,500	-90,757	-92,043	0,000	28,840	-48,729	29,846	19,607	-74,064	20,897
Plate_1_7	4369	1	0,000	-4,500	-90,758	-92,044	0,000	28,838	-48,729	29,844	19,607	-74,064	20,897
Element 7-8 (Plate)	4195	2	0,000	-4,598	-92,224	-93,538	0,000	25,159	-48,250	26,188	22,240	-78,792	23,629
(Paratia fi 800)	4196	3	0,000	-4,695	-93,718	-95,060	0,000	21,375	-48,098	22,430	24,510	-83,466	26,000
	4197	4	0,000	-4,793	-95,237	-96,609	0,000	17,489	-49,585	18,571	26,406	-88,066	28,001
	4396	5	0,000	-4,890	-96,782	-98,184	0,000	13,504	-51,031	14,615	27,917	-92,573	29,619
Plate_2_1	8262	1	4,500	-4,890	-8,850	-8,850	0,000	-163,520	-163,520	0,000	20,579	0,000	20,579
Element 8-9 (Plate)	8266	2	4,825	-4,890	-10,989	-10,989	0,000	-151,839	-151,839	0,000	-30,700	-30,700	0,000
(PLINTO)	8267	3	5,150	-4,890	-12,454	-12,454	0,000	-138,991	-138,991	0,000	-77,979	-77,979	0,000
	8268	4	5,475	-4,890	-13,454	-13,454	0,000	-125,463	-125,463	0,000	-120,991	-120,991	0,000
	8910	5	5,800	-4,890	-14,198	-14,198	0,000	-111,743	-111,743	0,000	-159,519	-159,519	0,000
Plate_2_1	8910	1	5,800	-4,890	-14,195	-14,195	0,000	-111,703	-111,703	0,000	-159,519	-159,519	0,000
Element 8-10 (Plate)	8914	2	6,125	-4,890	-14,735	-14,735	0,000	-97,799	-97,799	0,000	-193,559	-193,559	0,000
(PLINTO)	8915	3	6,450	-4,890	-15,179	-15,179	0,000	-83,828	-83,828	0,000	-223,080	-223,080	0,000
	8916	4	6,775	-4,890	-15,541	-15,541	0,000	-69,815	-69,815	0,000	-248,055	-248,055	0,000
	9404	5	7,100	-4,890	-15,833	-15,833	0,000	-55,788	-55,788	0,000	-268,460	-268,460	0,000
Plate_2_1	9404	1	7,100	-4,890	-15,834	-15,834	0,000	-55,781	-55,781	0,000	-268,460	-268,460	0,000
Element 8-11 (Plate)	9408	2	7,425	-4,890	-16,065	-16,065	0,000	-41,736	-41,736	0,000	-284,304	-284,304	0,000
(PLINTO)	9409	3	7,750	-4,890	-16,244	-16,244	0,000	-27,671	-27,671	0,000	-295,585	-295,585	0,000
	9410	4	8,075	-4,890	-16,371	-16,371	0,000	-13,596	-13,596	0,000	-302,294	-302,294	0,000
	9864	5	8,400	-4,890	-16,449	-16,449	0,000	0,475	0,000	0,475	-304,424	-304,424	0,000

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
Plate_2_1	9864	1	8,400	-4,890	-16,449	-16,449	0,000	0,483	0,000	0,483	-304,424	-304,424	0,000
Element 8-12 (Plate)	9868	2	8,725	-4,890	-16,476	-16,476	0,000	14,560	0,000	14,560	-301,982	-301,982	0,000
(PLINTO)	9869	3	9,050	-4,890	-16,450	-16,450	0,000	28,653	0,000	28,653	-294,957	-294,957	0,000
	9870	4	9,375	-4,890	-16,367	-16,367	0,000	42,745	0,000	42,745	-283,353	-283,353	0,000
	10276	5	9,700	-4,890	-16,222	-16,222	0,000	56,824	0,000	56,824	-267,176	-267,176	0,000
Plate_2_1	10276	1	9,700	-4,890	-16,220	-16,220	0,000	56,833	0,000	56,833	-267,176	-267,176	0,000
Element 8-13 (Plate)	10280	2	10,025	-4,890	-15,995	-15,995	0,000	70,892	0,000	70,892	-246,426	-246,426	0,000
(PLINTO)	10281	3	10,350	-4,890	-15,679	-15,679	0,000	84,928	0,000	84,928	-221,096	-221,096	0,000
	10282	4	10,675	-4,890	-15,250	-15,250	0,000	98,897	0,000	98,897	-191,218	-191,218	0,000
	10596	5	11,000	-4,890	-14,689	-14,689	0,000	112,757	0,000	112,757	-156,827	-156,827	0,000
Plate_2_1	10596	1	11,000	-4,890	-14,693	-14,693	0,000	112,803	0,000	112,803	-156,827	-156,827	0,000
Element 8-14 (Plate)	10597	2	11,325	-4,890	-13,874	-13,874	0,000	126,394	0,000	126,394	-117,975	-117,975	0,000
(PLINTO)	10598	3	11,650	-4,890	-12,764	-12,764	0,000	139,723	0,000	139,723	-74,688	-74,688	0,000
	10599	4	11,975	-4,890	-11,108	-11,108	0,000	152,247	0,000	152,247	-27,221	-27,221	0,000
	10984	5	12,300	-4,890	-8,651	-8,651	0,000	163,420	0,000	163,420	24,115	0,000	24,115
Plate_1_8	4396	1	0,000	-4,890	-96,786	-98,188	0,000	13,489	-50,829	14,600	27,917	-92,573	29,619
Element 9-15 (Plate)	4397	2	0,000	-5,043	-99,248	-100,697	0,000	7,078	-50,923	8,240	29,489	-99,403	31,364
(Paratia fi 800)	4398	3	0,000	-5,195	-101,780	-103,279	0,000	0,391	-51,784	1,611	30,061	-105,923	32,118
	4399	4	0,000	-5,348	-104,375	-105,924	0,000	-6,542	-53,121	0,001	29,596	-112,094	31,843
	4415	5	0,000	-5,500	-107,023	-108,624	0,000	-13,689	-53,840	0,000	28,056	-117,882	30,505
Plate_1_9	4415	1	0,000	-5,500	-107,012	-108,605	0,000	-13,482	-53,482	0,000	28,056	-117,882	30,505
Element 10-16 (Plate)	4416	2	0,000	-5,731	-109,167	-110,703	0,000	-18,747	-50,179	0,000	24,324	-125,172	27,147
(Paratia fi 800)	4417	3	0,000	-5,962	-111,220	-112,668	0,000	-23,301	-46,523	1,470	19,457	-130,440	22,711
	4418	4	0,000	-6,192	-113,161	-114,489	0,000	-27,152	-43,143	4,070	13,620	-133,930	17,312
	4419	5	0,000	-6,423	-114,980	-116,156	0,000	-30,311	-40,651	5,846	6,977	-138,670	11,067
Plate_1_9	4419	1	0,000	-6,423	-114,964	-116,142	0,000	-30,299	-40,584	5,962	6,977	-138,670	11,067
Element 10-17 (Plate)	4173	2	0,000	-6,663	-116,718	-117,706	0,000	-33,014	-39,769	7,368	-0,628	-142,083	3,821
(Paratia fi 800)	4174	3	0,000	-6,903	-118,368	-119,147	0,918	-35,295	-40,241	9,409	-8,836	-146,363	0,000
	4175	4	0,000	-7,143	-119,914	-120,464	2,529	-37,150	-40,702	12,668	-17,541	-150,416	0,000

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
	4331	5	0,000	-7,383	-121,356	-121,660	4,055	-38,587	-40,673	15,237	-26,636	-155,088	0,000
Plate_1_9	4331	1	0,000	-7,383	-121,361	-121,667	4,058	-38,616	-40,713	15,284	-26,636	-155,088	0,000
Element 10-18 (Plate)	4333	2	0,000	-7,633	-122,762	-122,799	5,563	-39,749	-40,623	17,316	-36,421	-158,582	0,000
(Paratia fi 800)	4334	3	0,000	-7,882	-124,068	-124,068	6,988	-40,551	-41,105	19,437	-46,452	-160,771	0,000
	4335	4	0,000	-8,132	-125,285	-125,285	8,332	-41,042	-41,479	21,293	-56,645	-161,751	0,000
	4332	5	0,000	-8,382	-126,416	-126,416	9,594	-41,242	-41,944	22,555	-66,918	-161,513	0,000
Plate_1_9	4332	1	0,000	-8,382	-126,418	-126,418	9,595	-41,253	-41,951	22,602	-66,918	-161,513	0,000
Element 10-19 (Plate)	4313	2	0,000	-8,641	-127,507	-127,507	10,825	-41,198	-42,144	23,421	-77,622	-160,089	0,000
(Paratia fi 800)	4314	3	0,000	-8,901	-128,525	-128,525	11,971	-40,921	-42,077	23,858	-88,288	-158,692	0,001
	4315	4	0,000	-9,160	-129,471	-129,471	13,032	-40,432	-41,755	23,947	-98,855	-158,502	0,087
	4312	5	0,000	-9,420	-130,347	-130,347	14,007	-39,737	-41,193	23,715	-109,262	-157,419	0,174
Plate_1_9	4312	1	0,000	-9,420	-130,352	-130,352	14,003	-39,777	-41,213	23,799	-109,262	-157,419	0,174
Element 10-20 (Plate)	4031	2	0,000	-9,690	-131,165	-131,165	14,930	-38,757	-40,295	23,882	-119,859	-159,211	0,262
(Paratia fi 800)	4032	3	0,000	-9,960	-131,861	-131,861	15,753	-37,455	-38,978	23,968	-130,169	-161,079	0,341
	4033	4	0,000	-10,230	-132,335	-132,335	17,310	-35,521	-36,895	24,562	-140,031	-163,818	0,405
	4231	5	0,000	-10,500	-132,486	-132,486	18,928	-32,604	-33,680	25,989	-149,255	-168,371	0,445
Plate_1_10	4231	1	0,000	-10,500	-131,348	-131,348	18,595	-30,780	-31,802	26,751	-149,255	-168,371	0,445
Element 11-21 (Plate)	4228	2	0,000	-10,760	-127,944	-127,944	20,825	-17,360	-17,985	30,325	-155,456	-170,132	0,450
(Paratia fi 800)	4229	3	0,000	-11,020	-124,664	-124,664	22,936	-6,509	-6,859	32,524	-158,515	-169,149	0,433
	4230	4	0,000	-11,281	-121,502	-121,502	24,932	2,037	-0,141	33,490	-159,044	-165,996	0,400
	4227	5	0,000	-11,541	-118,451	-118,451	26,816	8,538	-0,154	33,440	-157,630	-161,227	0,362
Plate_1_10	4227	1	0,000	-11,541	-118,424	-118,424	26,817	8,772	-0,159	33,582	-157,630	-161,227	0,362
Element 11-22 (Plate)	4209	2	0,000	-11,805	-115,350	-115,350	28,625	14,226	-0,166	34,209	-154,564	-155,766	0,319
(Paratia fi 800)	4210	3	0,000	-12,070	-112,291	-112,291	30,317	18,607	-0,167	34,269	-150,201	-150,391	0,275
	4211	4	0,000	-12,334	-109,238	-109,238	31,893	21,984	-0,163	33,897	-144,810	-144,810	0,231
	4208	5	0,000	-12,599	-106,182	-106,182	33,350	24,429	-0,155	34,180	-138,656	-138,656	0,189
Plate_1_10	4208	1	0,000	-12,599	-106,175	-106,175	33,348	24,498	-0,156	34,242	-138,656	-138,656	0,189
Element 11-23 (Plate)	3807	2	0,000	-12,867	-103,039	-103,039	34,703	26,268	-0,147	34,036	-131,823	-131,823	0,287
(Paratia fi 800)	3808	3	0,000	-13,136	-99,855	-99,855	35,927	27,472	-0,138	33,961	-124,589	-124,589	0,719

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
	3809	4	0,000	-13,405	-96,619	-96,619	37,017	28,150	-0,129	33,826	-117,101	-117,101	1,067
	3806	5	0,000	-13,673	-93,327	-93,327	37,971	28,342	-0,120	33,234	-109,502	-109,502	1,339
Plate_1_10	3806	1	0,000	-13,673	-93,323	-93,323	37,968	28,383	-0,120	33,273	-109,502	-109,502	1,339
Element 11-24 (Plate)	3629	2	0,000	-13,947	-89,905	-89,905	38,793	28,222	-0,112	32,341	-101,768	-101,768	1,547
(Paratia fi 800)	3630	3	0,000	-14,220	-86,402	-86,402	39,463	27,799	-0,104	31,156	-94,112	-94,112	1,691
	3631	4	0,000	-14,493	-82,814	-82,814	39,976	27,139	-0,097	29,738	-86,602	-86,605	1,782
	3628	5	0,000	-14,766	-79,140	-79,140	40,329	26,266	-0,091	28,110	-79,308	-79,314	1,828
Plate_1_10	3628	1	0,000	-14,766	-79,136	-79,136	40,321	26,289	-0,090	28,133	-79,308	-79,314	1,828
Element 11-25 (Plate)	3286	2	0,000	-15,043	-75,304	-75,304	40,512	25,275	-0,084	26,343	-72,152	-72,161	2,425
(Paratia fi 800)	3287	3	0,000	-15,321	-71,367	-71,367	40,510	24,177	-0,142	24,680	-65,286	-65,298	2,980
	3288	4	0,000	-15,598	-67,326	-67,326	40,313	23,006	-0,227	23,221	-58,735	-58,748	3,360
	3289	5	0,000	-15,876	-63,186	-63,186	39,917	21,770	-0,293	21,770	-52,522	-52,536	3,750
Plate_1_10	3289	1	0,000	-15,876	-63,197	-63,197	39,913	21,780	-0,294	21,780	-52,522	-52,536	3,750
Element 11-26 (Plate)	3152	2	0,000	-16,158	-58,929	-58,929	39,297	20,487	-0,346	20,488	-46,562	-46,576	4,523
(Paratia fi 800)	3153	3	0,000	-16,440	-54,723	-54,723	38,465	19,187	-0,386	19,190	-40,966	-40,980	5,030
	3154	4	0,000	-16,722	-50,581	-50,581	37,419	17,884	-0,445	17,889	-35,737	-35,749	5,301
	3175	5	0,000	-17,004	-46,502	-46,502	36,157	16,586	-0,670	16,593	-30,877	-30,888	5,368
Plate_1_10	3175	1	0,000	-17,004	-46,500	-46,500	36,153	16,584	-0,675	16,591	-30,877	-30,888	5,368
Element 11-27 (Plate)	3176	2	0,000	-17,291	-42,408	-42,408	34,646	15,287	-0,860	15,295	-26,311	-26,319	5,531
(Paratia fi 800)	3177	3	0,000	-17,577	-38,376	-38,376	32,899	14,010	-1,103	14,018	-22,112	-22,118	5,489
	3178	4	0,000	-17,864	-34,409	-34,409	30,912	12,751	-1,482	12,760	-18,276	-18,279	5,242
	3202	5	0,000	-18,151	-30,509	-30,509	28,685	11,511	-1,780	11,519	-14,800	-14,801	5,163
Plate_1_10	3202	1	0,000	-18,151	-30,504	-30,504	28,675	11,502	-1,781	11,510	-14,800	-14,801	5,163
Element 11-28 (Plate)	3199	2	0,000	-18,442	-26,607	-26,607	26,152	10,269	-2,121	10,275	-11,629	-11,629	4,986
(Paratia fi 800)	3200	3	0,000	-18,733	-22,754	-22,754	23,338	9,007	-2,432	9,011	-8,821	-8,821	4,495
	3201	4	0,000	-19,025	-18,946	-18,946	20,232	7,722	-2,883	7,723	-6,383	-6,383	3,756
	3223	5	0,000	-19,316	-15,183	-15,183	16,858	6,417	-3,372	6,417	-4,324	-4,324	2,839
Plate_1_10	3223	1	0,000	-19,316	-15,111	-15,111	16,840	6,352	-3,263	6,354	-4,324	-4,324	2,839
Element 11-29 (Plate)	3224	2	0,000	-19,612	-11,450	-11,450	13,107	5,168	-3,507	5,168	-2,646	-2,646	1,814

Structural element	Node [10^3]	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
(Paratia fi 800)	3225	3	0,000	-19,908	-7,668	-7,668	8,939	4,142	-2,902	4,142	-1,233	-1,233	0,848
	3226	4	0,000	-20,204	-3,683	-3,683	4,332	2,380	-1,540	2,380	-0,265	-0,265	0,170
	3227	5	0,000	-20,500	0,587	-0,711	0,587	-1,010	-1,010	0,487	0,000	0,000	0,000

3.1.1.1.9 Calculation results, Plate, carico orizzontale [Phase_3] (3/53), Table of plate force envelopes

Structural element	Node [10^3]	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_1	3402	1	0,000	-0,500	0,000	-0,001	0,019	0,000	-0,030	0,016	0,000	0,000	0,000
Element 1-1 (Plate)	3403	2	0,000	-0,625	-0,342	-0,673	0,000	-1,014	-1,014	0,231	-0,058	-0,058	0,013
(Paratia fi 800)	3404	3	0,000	-0,750	-0,685	-1,348	0,000	-2,556	-2,556	0,502	-0,276	-0,276	0,059
	3405	4	0,000	-0,875	-1,028	-2,024	0,000	-4,627	-4,627	0,748	-0,719	-0,719	0,137
	3696	5	0,000	-1,000	-1,370	-2,700	0,000	-7,225	-7,225	0,921	-1,454	-1,454	0,243
Plate_1_2	3696	1	0,000	-1,000	-1,370	-2,750	0,000	-7,227	-7,227	0,910	-1,454	-1,454	0,243
Element 2-2 (Plate)	3697	2	0,000	-1,250	-2,055	-4,067	0,000	-14,540	-14,540	0,777	-4,130	-4,130	0,462
(Paratia fi 800)	3698	3	0,000	-1,500	-2,740	-5,645	0,000	-23,983	-23,983	0,240	-8,903	-8,903	0,597
	3699	4	0,000	-1,750	-3,425	-7,458	0,000	-35,550	-35,550	0,000	-16,301	-16,301	0,549
	3751	5	0,000	-2,000	-4,110	-9,475	0,000	-49,232	-49,232	0,000	-26,852	-26,853	0,216
Plate_1_3	3751	1	0,000	-2,000	-4,110	-9,463	0,000	-49,237	-49,237	0,000	-26,852	-26,853	0,216
Element 3-3 (Plate)	3748	2	0,000	-2,125	-4,452	-10,556	0,000	-59,206	-59,206	0,000	-33,627	-33,627	0,000
(Paratia fi 800)	3749	3	0,000	-2,250	-4,795	-11,670	0,000	-69,301	-69,301	0,000	-41,660	-41,660	0,000
	3750	4	0,000	-2,375	-5,138	-12,803	0,000	-79,514	-79,514	0,000	-50,961	-50,961	0,000
	3766	5	0,000	-2,500	-5,480	-13,992	0,000	-89,840	-89,840	0,000	-61,542	-61,542	0,000
Plate_1_4	3766	1	0,000	-2,500	-5,480	-13,987	0,000	-89,845	-89,845	0,000	-61,543	-61,542	0,000
Element 4-4 (Plate)	3767	2	0,000	-2,647	-5,882	-15,489	0,000	-101,116	-101,116	0,000	-75,558	-75,558	0,000
(Paratia fi 800)	3768	3	0,000	-2,794	-6,285	-17,044	0,000	-112,477	-112,477	0,000	-91,244	-91,244	0,000
	3769	4	0,000	-2,941	-6,687	-18,642	0,000	-123,921	-123,921	0,000	-108,603	-108,603	0,000
	4080	5	0,000	-3,087	-7,089	-20,271	0,000	-135,440	-135,440	0,000	-127,640	-127,640	0,000
Plate_1_4	4080	1	0,000	-3,087	-7,089	-20,267	0,000	-135,445	-135,445	0,000	-127,640	-127,640	0,000
Element 4-5 (Plate)	4081	2	0,000	-3,191	-7,372	-21,418	0,000	-143,586	-143,586	0,000	-142,029	-142,029	0,000
(Paratia fi 800)	4082	3	0,000	-3,294	-7,655	-22,582	0,000	-151,774	-151,774	0,000	-157,266	-157,266	0,000
	4083	4	0,000	-3,397	-7,937	-23,853	0,000	-160,002	-160,002	0,000	-173,351	-173,351	0,000
	4346	5	0,000	-3,500	-8,220	-25,152	0,000	-168,266	-168,266	0,000	-190,278	-190,278	0,000
Plate_1_5	4346	1	0,000	-3,500	-129,830	-129,830	0,000	42,359	-35,278	61,512	-190,278	-190,278	0,000

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
Element 5-6 (Plate)	4347	2	0,000	-3,588	-130,070	-130,070	0,000	35,476	-37,897	59,159	-186,861	-186,861	0,000
(Paratia fi 800)	4348	3	0,000	-3,676	-130,311	-130,311	0,000	28,559	-40,612	56,723	-184,049	-184,049	0,000
	4349	4	0,000	-3,763	-130,551	-130,551	0,000	21,612	-43,420	54,204	-181,845	-181,845	0,000
	4365	5	0,000	-3,851	-130,792	-130,792	0,000	14,641	-46,321	51,604	-180,254	-180,254	0,000
Plate_1_6	4365	1	0,000	-3,851	-130,792	-130,792	0,000	14,636	-46,049	51,602	-180,254	-180,254	0,000
Element 6-7 (Plate)	4366	2	0,000	-4,013	-131,236	-131,236	0,000	1,681	-47,617	46,585	-178,929	-178,929	2,200
(Paratia fi 800)	4367	3	0,000	-4,176	-131,681	-131,681	0,000	-11,384	-48,678	41,284	-179,715	-179,715	9,331
	4368	4	0,000	-4,338	-132,125	-132,125	0,000	-24,552	-49,067	35,703	-182,628	-182,628	15,579
	4369	5	0,000	-4,500	-132,569	-132,569	0,000	-37,812	-48,729	29,846	-187,683	-187,683	20,897
Plate_1_7	4369	1	0,000	-4,500	-132,570	-132,570	0,000	-37,817	-48,729	29,844	-187,683	-187,683	20,897
Element 7-8 (Plate)	4195	2	0,000	-4,598	-132,837	-132,837	0,000	-45,564	-48,250	26,188	-191,747	-191,747	23,629
(Paratia fi 800)	4196	3	0,000	-4,695	-133,104	-133,104	0,000	-53,353	-53,353	22,430	-196,570	-196,570	26,000
	4197	4	0,000	-4,793	-133,371	-133,371	0,000	-61,178	-61,178	18,571	-202,154	-202,154	28,001
	4396	5	0,000	-4,890	-133,638	-133,638	0,000	-69,034	-69,034	14,615	-208,500	-208,500	29,619
Plate_2_1	8262	1	4,500	-4,890	-11,331	-11,331	0,000	-139,596	-163,520	0,000	-23,167	-23,167	20,579
Element 8-9 (Plate)	8266	2	4,825	-4,890	-17,981	-17,981	0,000	-131,563	-151,839	0,000	-67,305	-67,305	0,000
(PLINTO)	8267	3	5,150	-4,890	-22,504	-22,504	0,000	-121,253	-138,991	0,000	-108,419	-108,419	0,000
	8268	4	5,475	-4,890	-25,526	-25,526	0,000	-109,493	-125,463	0,000	-145,980	-145,980	0,000
	8910	5	5,800	-4,890	-27,672	-27,672	0,000	-97,111	-111,743	0,000	-179,539	-179,539	0,000
Plate_2_1	8910	1	5,800	-4,890	-27,677	-27,677	0,000	-97,065	-111,703	0,000	-179,539	-179,539	0,000
Element 8-10 (Plate)	8914	2	6,125	-4,890	-29,253	-29,253	0,000	-84,285	-97,799	0,000	-209,009	-209,009	0,000
(PLINTO)	8915	3	6,450	-4,890	-30,575	-30,575	0,000	-71,288	-83,828	0,000	-234,299	-234,299	0,000
	8916	4	6,775	-4,890	-31,674	-31,674	0,000	-58,110	-69,815	0,000	-255,337	-255,337	0,000
	9404	5	7,100	-4,890	-32,580	-32,580	0,000	-44,790	-55,788	0,000	-272,057	-272,784	0,000
Plate_2_1	9404	1	7,100	-4,890	-32,582	-32,582	0,000	-44,783	-55,781	0,000	-272,057	-272,784	0,000
Element 8-11 (Plate)	9408	2	7,425	-4,890	-33,322	-33,322	0,000	-31,339	-41,736	0,000	-284,428	-285,907	0,000
(PLINTO)	9409	3	7,750	-4,890	-33,918	-33,918	0,000	-17,780	-27,671	0,000	-292,413	-295,585	0,000
	9410	4	8,075	-4,890	-34,376	-34,376	0,000	-4,131	-13,596	0,000	-295,978	-302,294	0,000
	9864	5	8,400	-4,890	-34,706	-34,706	0,000	9,584	0,000	9,584	-295,093	-304,424	0,000

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
Plate_2_1	9864	1	8,400	-4,890	-34,706	-34,706	0,000	9,592	0,000	9,592	-295,093	-304,424	0,000
Element 8-12 (Plate)	9868	2	8,725	-4,890	-34,909	-34,909	0,000	23,370	0,000	23,370	-289,741	-301,982	0,000
(PLINTO)	9869	3	9,050	-4,890	-34,988	-34,988	0,000	37,210	0,000	37,210	-279,894	-294,957	0,000
	9870	4	9,375	-4,890	-34,936	-34,936	0,000	51,085	0,000	51,085	-265,545	-283,353	0,000
	10276	5	9,700	-4,890	-34,748	-34,748	0,000	64,969	0,000	64,969	-246,690	-267,176	0,000
Plate_2_1	10276	1	9,700	-4,890	-34,745	-34,745	0,000	64,979	0,000	64,979	-246,690	-267,176	0,000
Element 8-13 (Plate)	10280	2	10,025	-4,890	-34,394	-34,394	0,000	78,849	0,000	78,849	-223,325	-246,426	0,000
(PLINTO)	10281	3	10,350	-4,890	-33,859	-33,859	0,000	92,684	0,000	92,684	-195,439	-221,096	0,000
	10282	4	10,675	-4,890	-33,103	-33,103	0,000	106,415	0,000	106,415	-163,077	-191,218	0,000
	10596	5	11,000	-4,890	-32,089	-32,089	0,000	119,969	0,000	119,969	-126,291	-156,827	0,000
Plate_2_1	10596	1	11,000	-4,890	-32,088	-32,088	0,000	120,020	0,000	120,020	-126,291	-156,827	0,000
Element 8-14 (Plate)	10597	2	11,325	-4,890	-30,614	-30,614	0,000	133,167	0,000	133,167	-85,165	-117,975	0,000
(PLINTO)	10598	3	11,650	-4,890	-28,556	-28,556	0,000	145,821	0,000	145,821	-39,771	-74,688	0,000
	10599	4	11,975	-4,890	-25,505	-25,505	0,000	157,242	0,000	157,242	9,507	-27,221	9,507
	10984	5	12,300	-4,890	-21,054	-21,054	0,000	166,696	0,000	166,696	62,209	0,000	62,209
Plate_1_8	4396	1	0,000	-4,890	-133,638	-133,638	0,000	-69,038	-69,038	14,600	-208,500	-208,500	29,619
Element 9-15 (Plate)	4397	2	0,000	-5,043	-134,056	-134,056	0,000	-81,398	-81,398	8,240	-219,967	-219,967	31,364
(Paratia fi 800)	4398	3	0,000	-5,195	-134,474	-134,474	0,000	-93,855	-93,855	1,611	-233,332	-233,332	32,118
	4399	4	0,000	-5,348	-134,892	-134,892	0,000	-106,401	-106,401	0,001	-248,604	-248,604	31,843
	4415	5	0,000	-5,500	-135,309	-135,309	0,000	-119,027	-119,027	0,000	-265,788	-265,788	30,505
Plate_1_9	4415	1	0,000	-5,500	-135,068	-135,068	0,000	-118,585	-118,585	0,000	-265,788	-265,788	30,505
Element 10-16 (Plate)	4416	2	0,000	-5,731	-133,254	-133,254	0,000	-115,482	-115,482	0,000	-292,867	-292,867	27,147
(Paratia fi 800)	4417	3	0,000	-5,962	-130,585	-130,585	0,000	-108,797	-108,797	1,470	-318,812	-318,812	22,711
	4418	4	0,000	-6,192	-127,381	-127,381	0,000	-98,822	-98,822	4,070	-342,844	-342,844	17,312
	4419	5	0,000	-6,423	-123,965	-123,965	0,000	-85,847	-85,847	5,846	-364,201	-364,201	11,067
Plate_1_9	4419	1	0,000	-6,423	-124,016	-124,016	0,000	-86,160	-86,160	5,962	-364,201	-364,201	11,067
Element 10-17 (Plate)	4173	2	0,000	-6,663	-120,434	-120,434	0,000	-73,282	-73,282	7,368	-383,325	-383,325	3,821
(Paratia fi 800)	4174	3	0,000	-6,903	-116,626	-119,147	0,918	-60,464	-60,464	9,409	-399,386	-399,386	0,000
	4175	4	0,000	-7,143	-112,603	-120,464	2,529	-47,450	-47,450	12,668	-412,341	-412,341	0,000

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
	4331	5	0,000	-7,383	-108,377	-121,660	4,055	-33,985	-40,673	15,237	-422,126	-422,126	0,000
Plate_1_9	4331	1	0,000	-7,383	-108,449	-121,667	4,058	-34,129	-40,713	15,284	-422,126	-422,126	0,000
Element 10-18 (Plate)	4333	2	0,000	-7,633	-103,679	-122,799	5,563	-19,898	-40,623	17,316	-428,864	-428,864	0,000
(Paratia fi 800)	4334	3	0,000	-7,882	-98,742	-124,068	6,988	-6,224	-41,105	19,437	-432,099	-432,099	0,000
	4335	4	0,000	-8,132	-93,770	-125,285	8,332	6,509	-41,479	21,293	-432,051	-432,051	0,000
	4332	5	0,000	-8,382	-88,897	-126,416	9,594	17,919	-41,944	22,555	-428,967	-428,967	0,000
Plate_1_9	4332	1	0,000	-8,382	-88,940	-126,418	9,595	17,810	-41,951	22,602	-428,967	-428,967	0,000
Element 10-19 (Plate)	4313	2	0,000	-8,641	-84,156	-127,507	10,825	26,784	-42,144	26,784	-423,138	-423,138	0,000
(Paratia fi 800)	4314	3	0,000	-8,901	-79,589	-128,525	11,971	33,871	-42,077	33,871	-415,224	-415,224	0,001
	4315	4	0,000	-9,160	-75,242	-129,471	13,032	39,144	-41,755	39,144	-405,705	-405,705	0,087
	4312	5	0,000	-9,420	-71,123	-130,347	14,007	42,677	-41,193	42,677	-395,051	-395,051	0,174
Plate_1_9	4312	1	0,000	-9,420	-71,126	-130,352	14,003	42,760	-41,213	42,760	-395,051	-395,051	0,174
Element 10-20 (Plate)	4031	2	0,000	-9,690	-67,059	-131,165	14,930	45,222	-40,295	45,222	-383,143	-383,143	0,262
(Paratia fi 800)	4032	3	0,000	-9,960	-63,203	-131,861	15,753	46,507	-38,978	46,507	-370,744	-370,744	0,341
	4033	4	0,000	-10,230	-59,484	-132,335	17,310	46,937	-36,895	46,937	-358,103	-358,103	0,405
	4231	5	0,000	-10,500	-55,828	-132,486	18,928	46,831	-33,680	46,831	-345,444	-345,444	0,445
Plate_1_10	4231	1	0,000	-10,500	-54,839	-131,348	18,595	48,426	-31,802	48,426	-345,444	-345,444	0,445
Element 11-21 (Plate)	4228	2	0,000	-10,760	-47,273	-127,944	20,825	56,099	-17,985	56,099	-331,790	-331,790	0,450
(Paratia fi 800)	4229	3	0,000	-11,020	-40,034	-124,664	22,936	61,341	-6,859	61,341	-316,464	-316,464	0,433
	4230	4	0,000	-11,281	-33,124	-121,502	24,932	64,400	-0,141	64,400	-300,050	-300,050	0,400
	4227	5	0,000	-11,541	-26,544	-118,451	26,816	65,526	-0,154	65,526	-283,114	-283,114	0,362
Plate_1_10	4227	1	0,000	-11,541	-26,525	-118,424	26,817	65,779	-0,159	65,779	-283,114	-283,114	0,362
Element 11-22 (Plate)	4209	2	0,000	-11,805	-20,133	-115,350	28,625	65,908	-0,166	65,908	-265,687	-265,687	0,319
(Paratia fi 800)	4210	3	0,000	-12,070	-14,030	-112,291	30,317	65,203	-0,167	65,203	-248,333	-248,333	0,275
	4211	4	0,000	-12,334	-8,212	-109,238	31,893	63,745	-0,163	63,745	-231,262	-231,262	0,231
	4208	5	0,000	-12,599	-2,679	-106,182	33,350	61,617	-0,155	61,617	-214,678	-214,678	0,189
Plate_1_10	4208	1	0,000	-12,599	-2,675	-106,175	33,348	61,699	-0,156	61,699	-214,678	-214,678	0,189
Element 11-23 (Plate)	3807	2	0,000	-12,867	2,675	-103,039	34,703	59,151	-0,147	59,151	-198,438	-198,438	0,287
(Paratia fi 800)	3808	3	0,000	-13,136	7,756	-99,855	35,927	56,369	-0,138	56,369	-182,909	-182,909	0,719

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
	3809	4	0,000	-13,405	12,568	-96,619	37,017	53,396	-0,129	53,396	-168,152	-168,152	1,067
	3806	5	0,000	-13,673	17,111	-93,327	37,971	50,275	-0,120	50,275	-154,223	-154,223	1,339
Plate_1_10	3806	1	0,000	-13,673	17,112	-93,323	37,968	50,309	-0,120	50,309	-154,223	-154,223	1,339
Element 11-24 (Plate)	3629	2	0,000	-13,947	21,460	-89,905	38,793	47,126	-0,112	47,126	-140,922	-140,922	1,547
(Paratia fi 800)	3630	3	0,000	-14,220	25,535	-86,402	39,463	43,999	-0,104	43,999	-128,479	-128,479	1,691
	3631	4	0,000	-14,493	29,335	-82,814	39,976	40,949	-0,097	40,949	-116,878	-116,878	1,782
	3628	5	0,000	-14,766	32,858	-79,140	40,329	37,999	-0,091	37,999	-106,103	-106,103	1,828
Plate_1_10	3628	1	0,000	-14,766	32,855	-79,136	40,321	38,009	-0,090	38,009	-106,103	-106,103	1,828
Element 11-25 (Plate)	3286	2	0,000	-15,043	36,151	-75,304	40,512	35,175	-0,084	35,175	-95,953	-95,953	2,425
(Paratia fi 800)	3287	3	0,000	-15,321	39,149	-71,367	40,510	32,515	-0,142	32,515	-86,562	-86,562	2,980
	3288	4	0,000	-15,598	41,843	-67,326	41,843	30,033	-0,227	30,033	-77,884	-77,884	3,360
	3289	5	0,000	-15,876	44,230	-63,186	44,230	27,735	-0,293	27,735	-69,874	-69,874	3,750
Plate_1_10	3289	1	0,000	-15,876	44,208	-63,197	44,208	27,731	-0,294	27,731	-69,874	-69,874	3,750
Element 11-26 (Plate)	3152	2	0,000	-16,158	46,261	-58,929	46,261	25,578	-0,346	25,578	-62,362	-62,362	4,523
(Paratia fi 800)	3153	3	0,000	-16,440	47,785	-54,723	47,785	23,604	-0,386	23,604	-55,429	-55,429	5,030
	3154	4	0,000	-16,722	48,778	-50,581	48,778	21,812	-0,445	21,812	-49,027	-49,027	5,301
	3175	5	0,000	-17,004	49,238	-46,502	49,238	20,202	-0,670	20,202	-43,108	-43,108	5,368
Plate_1_10	3175	1	0,000	-17,004	49,222	-46,500	49,222	20,186	-0,675	20,186	-43,108	-43,108	5,368
Element 11-27 (Plate)	3176	2	0,000	-17,291	49,128	-42,408	49,128	18,724	-0,860	18,724	-37,536	-37,536	5,531
(Paratia fi 800)	3177	3	0,000	-17,577	48,410	-38,376	48,410	17,399	-1,103	17,399	-32,361	-32,361	5,489
	3178	4	0,000	-17,864	47,063	-34,409	47,063	16,201	-1,482	16,201	-27,547	-27,547	5,242
	3202	5	0,000	-18,151	45,080	-30,509	45,080	15,124	-1,780	15,124	-23,062	-23,062	5,163
Plate_1_10	3202	1	0,000	-18,151	45,049	-30,504	45,049	15,085	-1,781	15,085	-23,062	-23,062	5,163
Element 11-28 (Plate)	3199	2	0,000	-18,442	42,338	-26,607	42,338	14,095	-2,121	14,095	-18,812	-18,812	4,986
(Paratia fi 800)	3200	3	0,000	-18,733	38,846	-22,754	38,846	13,055	-2,432	13,055	-14,855	-14,855	4,495
	3201	4	0,000	-19,025	34,565	-18,946	34,565	11,950	-2,883	11,950	-11,211	-11,211	3,756
	3223	5	0,000	-19,316	29,487	-15,183	29,487	10,762	-3,372	10,762	-7,901	-7,901	2,839
Plate_1_10	3223	1	0,000	-19,316	29,451	-15,111	29,451	10,416	-3,263	10,416	-7,901	-7,901	2,839
Element 11-29 (Plate)	3224	2	0,000	-19,612	23,290	-11,450	23,290	9,605	-3,507	9,605	-4,942	-4,942	1,814

Structural element	Node [10^3]	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
(Paratia fi 800)	3225	3	0,000	-19,908	16,057	-7,668	16,057	7,915	-2,902	7,915	-2,285	-2,285	0,848
	3226	4	0,000	-20,204	7,801	-3,683	7,801	4,361	-1,540	4,361	-0,439	-0,439	0,170
	3227	5	0,000	-20,500	-1,430	-1,430	0,587	-2,038	-2,038	0,487	0,000	0,000	0,000

3.2.1.1.1.4 Calculation results, Node-to-node anchor, chiodo [Phase_4] (4/18), Table of total displacements

Structural element	Node	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
NodeToNodeAnchor_2_1	4346	1	0,000	-3,500	6,335	2,110	6,677
Element 1-1 (Node-to-node anchor)	721	2	-12,990	-11,000	0,117	0,540	0,552

3.2.1.1.1.5 Calculation results, Node-to-node anchor, scavo per plinto [Phase_8] (8/22), Table of total displacements

Structural element	Node	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
NodeToNodeAnchor_2_1	4346	1	0,000	-3,500	10,543	2,540	10,845
Element 1-1 (Node-to-node anchor)	721	2	-12,990	-11,000	0,771	0,999	1,261

3.2.1.1.1.6 Calculation results, Node-to-node anchor, scavo totale valle [Phase_5] (5/27), Table of total displacements

Structural element	Node	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
NodeToNodeAnchor_2_1	4346	1	0,000	-3,500	20,460	2,326	20,592
Element 1-1 (Node-to-node anchor)	721	2	-12,990	-11,000	4,471	0,646	4,518

3.2.1.1.1.7 Calculation results, Node-to-node anchor, terrapieno [Phase_6] (6/47), Table of total displacements

Structural element	Node	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
NodeToNodeAnchor_2_1	4346	1	0,000	-3,500	20,536	2,299	20,664
Element 1-1 (Node-to-node anchor)	721	2	-12,990	-11,000	4,494	0,637	4,539

3.2.1.1.1.8 Calculation results, Node-to-node anchor, plinto+pali [Phase_7] (7/50), Table of total displacements

Structural element	Node	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-6} m]	|u| [10^{-3} m]
NodeToNodeAnchor_2_1	4346	1	0,000	-3,500	21,445	930,589	21,465
Element 1-1 (Node-to-node anchor)	721	2	-12,990	-11,000	4,855	330,712	4,866

3.2.1.1.1.9 Calculation results, Node-to-node anchor, carico orizzontale [Phase_3] (3/53), Table of total displacements

Structural element	Node	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
NodeToNodeAnchor_2_1	4346	1	0,000	-3,500	20,074	6,171	21,001
Element 1-1 (Node-to-node anchor)	721	2	-12,990	-11,000	1,664	16,361	16,446

3.2.2.1.4 Calculation results, Node-to-node anchor, chiodo [Phase_4] (4/18), Table of node-to-node anchors

Structural element	Node	Local number	X [m]	Y [m]	N [10^{-3} kN]	N_{min} [kN]	N_{max} [10^{-3} kN]
NodeToNodeAnchor_2_1	4346	1	0,000	-3,500	948,499	0,000	948,499
Element 1-1 (Node-to-node anchor)	721	2	-12,990	-11,000	948,499	0,000	948,499

3.2.2.1.5 Calculation results, Node-to-node anchor, scavo per plinto [Phase_8] (8/22), Table of node-to-node anchors

Structural element	Node	Local number	X [m]	Y [m]	N [kN]	N_{min} [kN]	N_{max} [kN]
NodeToNodeAnchor_2_1	4346	1	0,000	-3,500	127,902	0,000	127,901
Element 1-1 (Node-to-node anchor)	721	2	-12,990	-11,000	127,902	0,000	127,901

3.2.2.1.6 Calculation results, Node-to-node anchor, scavo totale valle [Phase_5] (5/27), Table of node-to-node anchors

Structural element	Node	Local number	X [m]	Y [m]	N [kN]	N_{min} [kN]	N_{max} [kN]
NodeToNodeAnchor_2_1	4346	1	0,000	-3,500	353,871	0,000	353,871
Element 1-1 (Node-to-node anchor)	721	2	-12,990	-11,000	353,871	0,000	353,871

3.2.2.1.7 Calculation results, Node-to-node anchor, terrapieno [Phase_6] (6/47), Table of node-to-node anchors

Structural element	Node	Local number	X [m]	Y [m]	N [kN]	N_{min} [kN]	N_{max} [kN]
NodeToNodeAnchor_2_1	4346	1	0,000	-3,500	355,395	0,000	355,702
Element 1-1 (Node-to-node anchor)	721	2	-12,990	-11,000	355,395	0,000	355,702

3.2.2.1.8 Calculation results, Node-to-node anchor, plinto+pali [Phase_7] (7/50), Table of node-to-node anchors

Structural element	Node	Local number	X [m]	Y [m]	N [kN]	N_{min} [kN]	N_{max} [kN]
NodeToNodeAnchor_2_1	4346	1	0,000	-3,500	353,072	0,000	355,702
Element 1-1 (Node-to-node anchor)	721	2	-12,990	-11,000	353,072	0,000	355,702

3.2.2.1.9 Calculation results, Node-to-node anchor, carico orizzontale [Phase_3] (3/53), Table of node-to-node anchors

Structural element	Node	Local number	X [m]	Y [m]	N [kN]	N_{min} [kN]	N_{max} [kN]
NodeToNodeAnchor_2_1	4346	1	0,000	-3,500	802,605	0,000	802,605
Element 1-1 (Node-to-node anchor)	721	2	-12,990	-11,000	802,605	0,000	802,605

3.3.1.1.1.8 Calculation results, Embedded beam row, plinto+pali [Phase_7] (7/50), Table of total displacements

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
EmbeddedBeamRow_1_1	12377	1	4,500	-4,890	9,114	21,528	23,378
Element 1-1 (Embedded beam row)	12378	2	4,500	-5,181	9,052	21,444	23,277
(palo 1500)	12379	3	4,500	-5,471	8,986	21,355	23,169
	12380	4	4,500	-5,762	8,908	21,256	23,048
	12381	5	4,500	-6,053	8,812	21,124	22,889
EmbeddedBeamRow_1_1	12381	1	4,500	-6,053	8,812	21,124	22,889
Element 1-2 (Embedded beam row)	12382	2	4,500	-6,303	8,757	20,327	22,134
(palo 1500)	12383	3	4,500	-6,553	8,674	19,547	21,385
	12384	4	4,500	-6,803	8,569	18,800	20,661
	12385	5	4,500	-7,053	8,445	18,085	19,960
EmbeddedBeamRow_1_1	12385	1	4,500	-7,053	8,445	18,085	19,960
Element 1-3 (Embedded beam row)	12386	2	4,500	-7,303	8,304	17,397	19,278
(palo 1500)	12387	3	4,500	-7,553	8,148	16,736	18,614
	12388	4	4,500	-7,803	7,978	16,099	17,967
	12389	5	4,500	-8,053	7,796	15,484	17,336
EmbeddedBeamRow_1_1	12389	1	4,500	-8,053	7,796	15,484	17,336
Element 1-4 (Embedded beam row)	12390	2	4,500	-8,303	7,604	14,891	16,720
(palo 1500)	12391	3	4,500	-8,553	7,403	14,318	16,119
	12392	4	4,500	-8,803	7,193	13,762	15,528
	12393	5	4,500	-9,053	6,972	13,221	14,947
EmbeddedBeamRow_1_1	12393	1	4,500	-9,053	6,972	13,221	14,947
Element 1-5 (Embedded beam row)	12394	2	4,500	-9,303	6,740	12,695	14,373
(palo 1500)	12395	3	4,500	-9,553	6,499	12,185	13,810

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	12396	4	4,500	-9,803	6,250	11,692	13,258
	12397	5	4,500	-10,053	6,000	11,220	12,723
EmbeddedBeamRow_1_1	12397	1	4,500	-10,053	6,000	11,220	12,723
Element 1-6 (Embedded beam row)	12398	2	4,500	-10,303	5,756	10,770	12,212
(palo 1500)	12399	3	4,500	-10,553	5,532	10,345	11,731
	12400	4	4,500	-10,803	5,339	9,945	11,288
	12401	5	4,500	-11,053	5,187	9,572	10,888
EmbeddedBeamRow_1_1	12401	1	4,500	-11,053	5,187	9,572	10,888
Element 1-7 (Embedded beam row)	12402	2	4,500	-11,317	5,163	9,297	10,635
(palo 1500)	12403	3	4,500	-11,582	5,131	9,032	10,388
	12404	4	4,500	-11,847	5,090	8,774	10,143
	12405	5	4,500	-12,111	5,041	8,523	9,902
EmbeddedBeamRow_1_1	12405	1	4,500	-12,111	5,041	8,523	9,902
Element 1-8 (Embedded beam row)	12406	2	4,500	-12,378	4,985	8,278	9,663
(palo 1500)	12407	3	4,500	-12,645	4,923	8,041	9,428
	12408	4	4,500	-12,912	4,858	7,812	9,199
	12409	5	4,500	-13,179	4,789	7,590	8,974
EmbeddedBeamRow_1_1	12409	1	4,500	-13,179	4,789	7,590	8,974
Element 1-9 (Embedded beam row)	12410	2	4,500	-13,449	4,717	7,374	8,753
(palo 1500)	12411	3	4,500	-13,718	4,643	7,164	8,537
	12412	4	4,500	-13,988	4,569	6,961	8,327
	12413	5	4,500	-14,258	4,495	6,765	8,122
EmbeddedBeamRow_1_1	12413	1	4,500	-14,258	4,495	6,765	8,122
Element 1-10 (Embedded beam row)	12414	2	4,500	-14,530	4,420	6,573	7,921
(palo 1500)	12415	3	4,500	-14,802	4,347	6,386	7,725
	12416	4	4,500	-15,074	4,275	6,205	7,535

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	12417	5	4,500	-15,346	4,204	6,029	7,350
EmbeddedBeamRow_1_1	12417	1	4,500	-15,346	4,204	6,029	7,350
Element 1-11 (Embedded beam row)	12418	2	4,500	-15,620	4,134	5,856	7,168
(palo 1500)	12419	3	4,500	-15,895	4,067	5,687	6,992
	12420	4	4,500	-16,169	4,001	5,523	6,820
	12421	5	4,500	-16,444	3,938	5,362	6,652
EmbeddedBeamRow_1_1	12421	1	4,500	-16,444	3,938	5,362	6,652
Element 1-12 (Embedded beam row)	12422	2	4,500	-16,721	3,876	5,203	6,488
(palo 1500)	12423	3	4,500	-16,998	3,817	5,047	6,327
	12424	4	4,500	-17,275	3,759	4,894	6,171
	12425	5	4,500	-17,552	3,705	4,744	6,019
EmbeddedBeamRow_1_1	12425	1	4,500	-17,552	3,705	4,744	6,019
Element 1-13 (Embedded beam row)	12426	2	4,500	-17,832	3,652	4,596	5,870
(palo 1500)	12427	3	4,500	-18,111	3,601	4,449	5,724
	12428	4	4,500	-18,391	3,553	4,305	5,582
	12429	5	4,500	-18,671	3,506	4,164	5,444
EmbeddedBeamRow_1_1	12429	1	4,500	-18,671	3,506	4,164	5,444
Element 1-14 (Embedded beam row)	12430	2	4,500	-18,953	3,462	4,023	5,307
(palo 1500)	12431	3	4,500	-19,235	3,418	3,884	5,174
	12432	4	4,500	-19,517	3,377	3,747	5,044
	12433	5	4,500	-19,799	3,337	3,611	4,917
EmbeddedBeamRow_1_1	12433	1	4,500	-19,799	3,337	3,611	4,917
Element 1-15 (Embedded beam row)	12434	2	4,500	-20,084	3,299	3,475	4,791
(palo 1500)	12435	3	4,500	-20,369	3,261	3,341	4,669
	12436	4	4,500	-20,654	3,226	3,208	4,549
	12437	5	4,500	-20,939	3,191	3,076	4,432

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
EmbeddedBeamRow_1_1	12437	1	4,500	-20,939	3,191	3,076	4,432
Element 1-16 (Embedded beam row)	12438	2	4,500	-21,226	3,158	2,943	4,317
(palo 1500)	12439	3	4,500	-21,514	3,124	2,811	4,203
	12440	4	4,500	-21,801	3,091	2,680	4,091
	12441	5	4,500	-22,089	3,057	2,549	3,980
EmbeddedBeamRow_1_1	12441	1	4,500	-22,089	3,057	2,549	3,980
Element 1-17 (Embedded beam row)	12442	2	4,500	-22,379	3,020	2,418	3,869
(palo 1500)	12443	3	4,500	-22,669	2,982	2,288	3,758
	12444	4	4,500	-22,959	2,941	2,158	3,648
	12445	5	4,500	-23,249	2,898	2,029	3,538
EmbeddedBeamRow_1_1	12445	1	4,500	-23,249	2,898	2,029	3,538
Element 1-18 (Embedded beam row)	12446	2	4,500	-23,542	2,853	1,899	3,427
(palo 1500)	12447	3	4,500	-23,835	2,805	1,770	3,317
	12448	4	4,500	-24,128	2,756	1,641	3,208
	12449	5	4,500	-24,421	2,705	1,514	3,099
EmbeddedBeamRow_1_1	12449	1	4,500	-24,421	2,705	1,514	3,099
Element 1-19 (Embedded beam row)	12450	2	4,500	-24,716	2,651	1,386	2,991
(palo 1500)	12451	3	4,500	-25,012	2,596	1,259	2,885
	12452	4	4,500	-25,307	2,539	1,133	2,780
	12453	5	4,500	-25,603	2,481	1,008	2,677
EmbeddedBeamRow_1_1	12453	1	4,500	-25,603	2,481	1,008	2,677
Element 1-20 (Embedded beam row)	12454	2	4,500	-25,901	2,420	0,882	2,576
(palo 1500)	12455	3	4,500	-26,199	2,358	0,758	2,477
	12456	4	4,500	-26,498	2,294	0,634	2,380
	12457	5	4,500	-26,796	2,229	0,511	2,287
EmbeddedBeamRow_1_1	12457	1	4,500	-26,796	2,229	0,511	2,287

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
Element 1-21 (Embedded beam row)	12458	2	4,500	-27,097	2,162	0,388	2,197
(palo 1500)	12459	3	4,500	-27,398	2,094	0,265	2,110
	12460	4	4,500	-27,699	2,023	0,143	2,028
	12461	5	4,500	-28,000	1,952	0,022	1,952
EmbeddedBeamRow_1_1	12461	1	4,500	-28,000	1,952	0,022	1,952
Element 1-22 (Embedded beam row)	12462	2	4,500	-28,223	1,898	-0,067	1,899
(palo 1500)	12463	3	4,500	-28,445	1,843	-0,156	1,850
	12464	4	4,500	-28,668	1,788	-0,244	1,804
	12465	5	4,500	-28,890	1,732	-0,327	1,762
EmbeddedBeamRow_2_1	12466	1	12,300	-4,890	5,419	20,294	21,005
Element 2-23 (Embedded beam row)	12467	2	12,300	-5,172	5,402	20,269	20,976
(palo 1500)	12468	3	12,300	-5,454	5,370	20,244	20,944
	12469	4	12,300	-5,737	5,326	20,218	20,907
	12470	5	12,300	-6,019	5,269	20,192	20,868
EmbeddedBeamRow_2_1	12470	1	12,300	-6,019	5,269	20,192	20,868
Element 2-24 (Embedded beam row)	12471	2	12,300	-6,267	5,208	20,169	20,830
(palo 1500)	12472	3	12,300	-6,515	5,137	20,147	20,791
	12473	4	12,300	-6,763	5,056	20,122	20,748
	12474	5	12,300	-7,011	4,968	20,075	20,680
EmbeddedBeamRow_2_1	12474	1	12,300	-7,011	4,968	20,075	20,680
Element 2-25 (Embedded beam row)	12475	2	12,300	-7,261	4,959	19,423	20,046
(palo 1500)	12476	3	12,300	-7,511	4,931	18,792	19,428
	12477	4	12,300	-7,761	4,890	18,197	18,843
	12478	5	12,300	-8,011	4,843	17,639	18,292
EmbeddedBeamRow_2_1	12478	1	12,300	-8,011	4,843	17,639	18,292
Element 2-26 (Embedded beam row)	12479	2	12,300	-8,261	4,792	17,113	17,771

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
(palo 1500)	12480	3	12,300	-8,511	4,736	16,616	17,278
	12481	4	12,300	-8,761	4,677	16,145	16,809
	12482	5	12,300	-9,011	4,615	15,695	16,360
EmbeddedBeamRow_2_1	12482	1	12,300	-9,011	4,615	15,695	16,360
Element 2-27 (Embedded beam row)	12483	2	12,300	-9,261	4,550	15,266	15,930
(palo 1500)	12484	3	12,300	-9,511	4,483	14,854	15,515
	12485	4	12,300	-9,761	4,414	14,457	15,115
	12486	5	12,300	-10,011	4,347	14,074	14,730
EmbeddedBeamRow_2_1	12486	1	12,300	-10,011	4,347	14,074	14,730
Element 2-28 (Embedded beam row)	12487	2	12,300	-10,261	4,280	13,706	14,359
(palo 1500)	12488	3	12,300	-10,511	4,215	13,350	14,000
	12489	4	12,300	-10,761	4,150	13,005	13,651
	12490	5	12,300	-11,011	4,086	12,667	13,310
EmbeddedBeamRow_2_1	12490	1	12,300	-11,011	4,086	12,667	13,310
Element 2-29 (Embedded beam row)	12491	2	12,300	-11,261	4,022	12,336	12,976
(palo 1500)	12492	3	12,300	-11,511	3,959	12,012	12,648
	12493	4	12,300	-11,761	3,897	11,694	12,326
	12494	5	12,300	-12,011	3,836	11,383	12,012
EmbeddedBeamRow_2_1	12494	1	12,300	-12,011	3,836	11,383	12,012
Element 2-30 (Embedded beam row)	12495	2	12,300	-12,279	3,797	11,145	11,774
(palo 1500)	12496	3	12,300	-12,546	3,756	10,913	11,541
	12497	4	12,300	-12,814	3,713	10,684	11,311
	12498	5	12,300	-13,081	3,667	10,458	11,082
EmbeddedBeamRow_2_1	12498	1	12,300	-13,081	3,667	10,458	11,082
Element 2-31 (Embedded beam row)	12499	2	12,300	-13,351	3,618	10,233	10,853
(palo 1500)	12500	3	12,300	-13,621	3,568	10,010	10,627

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	12501	4	12,300	-13,891	3,516	9,791	10,403
	12502	5	12,300	-14,162	3,464	9,575	10,182
EmbeddedBeamRow_2_1	12502	1	12,300	-14,162	3,464	9,575	10,182
Element 2-32 (Embedded beam row)	12503	2	12,300	-14,434	3,410	9,359	9,961
(palo 1500)	12504	3	12,300	-14,707	3,355	9,146	9,742
	12505	4	12,300	-14,980	3,300	8,936	9,526
	12506	5	12,300	-15,253	3,245	8,729	9,312
EmbeddedBeamRow_2_1	12506	1	12,300	-15,253	3,245	8,729	9,312
Element 2-33 (Embedded beam row)	12507	2	12,300	-15,528	3,190	8,521	9,099
(palo 1500)	12508	3	12,300	-15,804	3,135	8,316	8,888
	12509	4	12,300	-16,079	3,081	8,114	8,679
	12510	5	12,300	-16,355	3,029	7,914	8,474
EmbeddedBeamRow_2_1	12510	1	12,300	-16,355	3,029	7,914	8,474
Element 2-34 (Embedded beam row)	12511	2	12,300	-16,633	2,977	7,715	8,270
(palo 1500)	12512	3	12,300	-16,912	2,928	7,518	8,068
	12513	4	12,300	-17,190	2,881	7,324	7,870
	12514	5	12,300	-17,468	2,837	7,131	7,675
EmbeddedBeamRow_2_1	12514	1	12,300	-17,468	2,837	7,131	7,675
Element 2-35 (Embedded beam row)	12515	2	12,300	-17,749	2,795	6,939	7,481
(palo 1500)	12516	3	12,300	-18,030	2,756	6,749	7,291
	12517	4	12,300	-18,311	2,722	6,562	7,104
	12518	5	12,300	-18,593	2,691	6,376	6,920
EmbeddedBeamRow_2_1	12518	1	12,300	-18,593	2,691	6,376	6,920
Element 2-36 (Embedded beam row)	12519	2	12,300	-18,876	2,665	6,190	6,739
(palo 1500)	12520	3	12,300	-19,160	2,642	6,006	6,562
	12521	4	12,300	-19,444	2,618	5,824	6,385

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	12522	5	12,300	-19,728	2,594	5,643	6,210
EmbeddedBeamRow_2_1	12522	1	12,300	-19,728	2,594	5,643	6,210
Element 2-37 (Embedded beam row)	12523	2	12,300	-20,015	2,569	5,461	6,035
(palo 1500)	12524	3	12,300	-20,301	2,545	5,280	5,861
	12525	4	12,300	-20,588	2,519	5,101	5,689
	12526	5	12,300	-20,875	2,494	4,923	5,519
EmbeddedBeamRow_2_1	12526	1	12,300	-20,875	2,494	4,923	5,519
Element 2-38 (Embedded beam row)	12527	2	12,300	-21,164	2,468	4,744	5,348
(palo 1500)	12528	3	12,300	-21,454	2,441	4,567	5,179
	12529	4	12,300	-21,744	2,414	4,391	5,011
	12530	5	12,300	-22,033	2,386	4,216	4,845
EmbeddedBeamRow_2_1	12530	1	12,300	-22,033	2,386	4,216	4,845
Element 2-39 (Embedded beam row)	12531	2	12,300	-22,326	2,358	4,041	4,678
(palo 1500)	12532	3	12,300	-22,618	2,328	3,867	4,514
	12533	4	12,300	-22,910	2,299	3,694	4,351
	12534	5	12,300	-23,203	2,268	3,522	4,189
EmbeddedBeamRow_2_1	12534	1	12,300	-23,203	2,268	3,522	4,189
Element 2-40 (Embedded beam row)	12535	2	12,300	-23,498	2,237	3,350	4,028
(palo 1500)	12536	3	12,300	-23,794	2,205	3,178	3,868
	12537	4	12,300	-24,089	2,172	3,008	3,710
	12538	5	12,300	-24,384	2,138	2,839	3,554
EmbeddedBeamRow_2_1	12538	1	12,300	-24,384	2,138	2,839	3,554
Element 2-41 (Embedded beam row)	12539	2	12,300	-24,683	2,103	2,670	3,398
(palo 1500)	12540	3	12,300	-24,981	2,067	2,501	3,245
	12541	4	12,300	-25,279	2,030	2,334	3,093
	12542	5	12,300	-25,578	1,992	2,168	2,944

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
EmbeddedBeamRow_2_1	12542	1	12,300	-25,578	1,992	2,168	2,944
Element 2-42 (Embedded beam row)	12543	2	12,300	-25,879	1,952	2,001	2,796
(palo 1500)	12544	3	12,300	-26,180	1,912	1,836	2,650
	12545	4	12,300	-26,482	1,870	1,671	2,508
	12546	5	12,300	-26,783	1,827	1,507	2,369
EmbeddedBeamRow_2_1	12546	1	12,300	-26,783	1,827	1,507	2,369
Element 2-43 (Embedded beam row)	12547	2	12,300	-27,087	1,783	1,343	2,233
(palo 1500)	12548	3	12,300	-27,391	1,738	1,180	2,101
	12549	4	12,300	-27,696	1,691	1,018	1,974
	12550	5	12,300	-28,000	1,643	0,857	1,853
EmbeddedBeamRow_2_1	12550	1	12,300	-28,000	1,643	0,857	1,853
Element 2-44 (Embedded beam row)	12551	2	12,300	-28,223	1,608	0,740	1,770
(palo 1500)	12552	3	12,300	-28,445	1,571	0,623	1,690
	12553	4	12,300	-28,668	1,534	0,507	1,616
	12554	5	12,300	-28,890	1,497	0,398	1,549

3.3.1.1.1.9 Calculation results, Embedded beam row, carico orizzontale [Phase_3] (3/53), Table of total displacements

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
EmbeddedBeamRow_1_1	12377	1	4,500	-4,890	2,999	2,235	3,740
Element 1-1 (Embedded beam row)	12378	2	4,500	-5,181	2,932	2,235	3,686
(palo 1500)	12379	3	4,500	-5,471	2,862	2,234	3,631
	12380	4	4,500	-5,762	2,790	2,233	3,574
	12381	5	4,500	-6,053	2,716	2,233	3,516
EmbeddedBeamRow_1_1	12381	1	4,500	-6,053	2,716	2,233	3,516
Element 1-2 (Embedded beam row)	12382	2	4,500	-6,303	2,651	2,232	3,466
(palo 1500)	12383	3	4,500	-6,553	2,585	2,232	3,415
	12384	4	4,500	-6,803	2,517	2,231	3,363
	12385	5	4,500	-7,053	2,448	2,230	3,312
EmbeddedBeamRow_1_1	12385	1	4,500	-7,053	2,448	2,230	3,312
Element 1-3 (Embedded beam row)	12386	2	4,500	-7,303	2,377	2,230	3,260
(palo 1500)	12387	3	4,500	-7,553	2,306	2,229	3,207
	12388	4	4,500	-7,803	2,233	2,229	3,155
	12389	5	4,500	-8,053	2,159	2,228	3,103
EmbeddedBeamRow_1_1	12389	1	4,500	-8,053	2,159	2,228	3,103
Element 1-4 (Embedded beam row)	12390	2	4,500	-8,303	2,085	2,228	3,051
(palo 1500)	12391	3	4,500	-8,553	2,009	2,227	2,999
	12392	4	4,500	-8,803	1,932	2,226	2,948
	12393	5	4,500	-9,053	1,855	2,226	2,897
EmbeddedBeamRow_1_1	12393	1	4,500	-9,053	1,855	2,226	2,897
Element 1-5 (Embedded beam row)	12394	2	4,500	-9,303	1,777	2,225	2,848
(palo 1500)	12395	3	4,500	-9,553	1,699	2,224	2,799

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	12396	4	4,500	-9,803	1,620	2,224	2,751
	12397	5	4,500	-10,053	1,541	2,223	2,705
EmbeddedBeamRow_1_1	12397	1	4,500	-10,053	1,541	2,223	2,705
Element 1-6 (Embedded beam row)	12398	2	4,500	-10,303	1,461	2,223	2,660
(palo 1500)	12399	3	4,500	-10,553	1,381	2,222	2,616
	12400	4	4,500	-10,803	1,302	2,221	2,575
	12401	5	4,500	-11,053	1,222	2,221	2,535
EmbeddedBeamRow_1_1	12401	1	4,500	-11,053	1,222	2,221	2,535
Element 1-7 (Embedded beam row)	12402	2	4,500	-11,317	1,138	2,220	2,495
(palo 1500)	12403	3	4,500	-11,582	1,054	2,219	2,457
	12404	4	4,500	-11,847	0,970	2,219	2,421
	12405	5	4,500	-12,111	0,888	2,218	2,389
EmbeddedBeamRow_1_1	12405	1	4,500	-12,111	0,888	2,218	2,389
Element 1-8 (Embedded beam row)	12406	2	4,500	-12,378	0,805	2,217	2,358
(palo 1500)	12407	3	4,500	-12,645	0,723	2,216	2,331
	12408	4	4,500	-12,912	0,641	2,215	2,306
	12409	5	4,500	-13,179	0,561	2,214	2,285
EmbeddedBeamRow_1_1	12409	1	4,500	-13,179	0,561	2,214	2,285
Element 1-9 (Embedded beam row)	12410	2	4,500	-13,449	0,482	2,214	2,265
(palo 1500)	12411	3	4,500	-13,718	0,403	2,213	2,249
	12412	4	4,500	-13,988	0,326	2,212	2,236
	12413	5	4,500	-14,258	0,250	2,211	2,225
EmbeddedBeamRow_1_1	12413	1	4,500	-14,258	0,250	2,211	2,225
Element 1-10 (Embedded beam row)	12414	2	4,500	-14,530	0,175	2,210	2,217
(palo 1500)	12415	3	4,500	-14,802	0,102	2,209	2,211
	12416	4	4,500	-15,074	0,030	2,208	2,208

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	12417	5	4,500	-15,346	-0,040	2,207	2,207
EmbeddedBeamRow_1_1	12417	1	4,500	-15,346	-0,040	2,207	2,207
Element 1-11 (Embedded beam row)	12418	2	4,500	-15,620	-0,109	2,206	2,208
(palo 1500)	12419	3	4,500	-15,895	-0,175	2,204	2,211
	12420	4	4,500	-16,169	-0,241	2,203	2,216
	12421	5	4,500	-16,444	-0,304	2,202	2,223
EmbeddedBeamRow_1_1	12421	1	4,500	-16,444	-0,304	2,202	2,223
Element 1-12 (Embedded beam row)	12422	2	4,500	-16,721	-0,365	2,201	2,231
(palo 1500)	12423	3	4,500	-16,998	-0,425	2,200	2,240
	12424	4	4,500	-17,275	-0,483	2,198	2,251
	12425	5	4,500	-17,552	-0,538	2,197	2,262
EmbeddedBeamRow_1_1	12425	1	4,500	-17,552	-0,538	2,197	2,262
Element 1-13 (Embedded beam row)	12426	2	4,500	-17,832	-0,593	2,196	2,274
(palo 1500)	12427	3	4,500	-18,111	-0,645	2,194	2,287
	12428	4	4,500	-18,391	-0,695	2,193	2,300
	12429	5	4,500	-18,671	-0,743	2,192	2,314
EmbeddedBeamRow_1_1	12429	1	4,500	-18,671	-0,743	2,192	2,314
Element 1-14 (Embedded beam row)	12430	2	4,500	-18,953	-0,789	2,190	2,328
(palo 1500)	12431	3	4,500	-19,235	-0,833	2,189	2,342
	12432	4	4,500	-19,517	-0,875	2,187	2,356
	12433	5	4,500	-19,799	-0,915	2,186	2,370
EmbeddedBeamRow_1_1	12433	1	4,500	-19,799	-0,915	2,186	2,370
Element 1-15 (Embedded beam row)	12434	2	4,500	-20,084	-0,954	2,184	2,383
(palo 1500)	12435	3	4,500	-20,369	-0,990	2,183	2,397
	12436	4	4,500	-20,654	-1,025	2,181	2,410
	12437	5	4,500	-20,939	-1,057	2,179	2,422

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
EmbeddedBeamRow_1_1	12437	1	4,500	-20,939	-1,057	2,179	2,422
Element 1-16 (Embedded beam row)	12438	2	4,500	-21,226	-1,088	2,178	2,434
(palo 1500)	12439	3	4,500	-21,514	-1,117	2,176	2,446
	12440	4	4,500	-21,801	-1,144	2,175	2,457
	12441	5	4,500	-22,089	-1,170	2,173	2,468
EmbeddedBeamRow_1_1	12441	1	4,500	-22,089	-1,170	2,173	2,468
Element 1-17 (Embedded beam row)	12442	2	4,500	-22,379	-1,194	2,171	2,478
(palo 1500)	12443	3	4,500	-22,669	-1,216	2,170	2,487
	12444	4	4,500	-22,959	-1,237	2,168	2,496
	12445	5	4,500	-23,249	-1,256	2,166	2,504
EmbeddedBeamRow_1_1	12445	1	4,500	-23,249	-1,256	2,166	2,504
Element 1-18 (Embedded beam row)	12446	2	4,500	-23,542	-1,274	2,165	2,512
(palo 1500)	12447	3	4,500	-23,835	-1,291	2,163	2,519
	12448	4	4,500	-24,128	-1,306	2,161	2,525
	12449	5	4,500	-24,421	-1,321	2,160	2,531
EmbeddedBeamRow_1_1	12449	1	4,500	-24,421	-1,321	2,160	2,531
Element 1-19 (Embedded beam row)	12450	2	4,500	-24,716	-1,334	2,158	2,537
(palo 1500)	12451	3	4,500	-25,012	-1,346	2,156	2,542
	12452	4	4,500	-25,307	-1,357	2,155	2,546
	12453	5	4,500	-25,603	-1,368	2,153	2,551
EmbeddedBeamRow_1_1	12453	1	4,500	-25,603	-1,368	2,153	2,551
Element 1-20 (Embedded beam row)	12454	2	4,500	-25,901	-1,377	2,151	2,555
(palo 1500)	12455	3	4,500	-26,199	-1,387	2,150	2,558
	12456	4	4,500	-26,498	-1,395	2,148	2,562
	12457	5	4,500	-26,796	-1,403	2,147	2,565
EmbeddedBeamRow_1_1	12457	1	4,500	-26,796	-1,403	2,147	2,565

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
Element 1-21 (Embedded beam row)	12458	2	4,500	-27,097	-1,411	2,145	2,568
(palo 1500)	12459	3	4,500	-27,398	-1,419	2,144	2,571
	12460	4	4,500	-27,699	-1,427	2,143	2,574
	12461	5	4,500	-28,000	-1,434	2,141	2,577
EmbeddedBeamRow_1_1	12461	1	4,500	-28,000	-1,434	2,141	2,577
Element 1-22 (Embedded beam row)	12462	2	4,500	-28,223	-1,440	2,140	2,579
(palo 1500)	12463	3	4,500	-28,445	-1,445	2,139	2,582
	12464	4	4,500	-28,668	-1,451	2,139	2,584
	12465	5	4,500	-28,890	-1,456	2,138	2,587
EmbeddedBeamRow_2_1	12466	1	12,300	-4,890	2,997	0,475	3,035
Element 2-23 (Embedded beam row)	12467	2	12,300	-5,172	2,931	0,475	2,969
(palo 1500)	12468	3	12,300	-5,454	2,863	0,475	2,902
	12469	4	12,300	-5,737	2,793	0,475	2,834
	12470	5	12,300	-6,019	2,722	0,475	2,764
EmbeddedBeamRow_2_1	12470	1	12,300	-6,019	2,722	0,475	2,764
Element 2-24 (Embedded beam row)	12471	2	12,300	-6,267	2,659	0,475	2,701
(palo 1500)	12472	3	12,300	-6,515	2,594	0,476	2,638
	12473	4	12,300	-6,763	2,529	0,476	2,573
	12474	5	12,300	-7,011	2,463	0,476	2,508
EmbeddedBeamRow_2_1	12474	1	12,300	-7,011	2,463	0,476	2,508
Element 2-25 (Embedded beam row)	12475	2	12,300	-7,261	2,395	0,476	2,442
(palo 1500)	12476	3	12,300	-7,511	2,327	0,476	2,375
	12477	4	12,300	-7,761	2,258	0,476	2,308
	12478	5	12,300	-8,011	2,189	0,476	2,240
EmbeddedBeamRow_2_1	12478	1	12,300	-8,011	2,189	0,476	2,240
Element 2-26 (Embedded beam row)	12479	2	12,300	-8,261	2,119	0,476	2,172

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
(palo 1500)	12480	3	12,300	-8,511	2,048	0,476	2,103
	12481	4	12,300	-8,761	1,978	0,476	2,034
	12482	5	12,300	-9,011	1,907	0,476	1,965
EmbeddedBeamRow_2_1	12482	1	12,300	-9,011	1,907	0,476	1,965
Element 2-27 (Embedded beam row)	12483	2	12,300	-9,261	1,836	0,476	1,897
(palo 1500)	12484	3	12,300	-9,511	1,765	0,476	1,828
	12485	4	12,300	-9,761	1,694	0,476	1,759
	12486	5	12,300	-10,011	1,623	0,476	1,691
EmbeddedBeamRow_2_1	12486	1	12,300	-10,011	1,623	0,476	1,691
Element 2-28 (Embedded beam row)	12487	2	12,300	-10,261	1,552	0,476	1,623
(palo 1500)	12488	3	12,300	-10,511	1,481	0,476	1,556
	12489	4	12,300	-10,761	1,411	0,476	1,489
	12490	5	12,300	-11,011	1,341	0,476	1,423
EmbeddedBeamRow_2_1	12490	1	12,300	-11,011	1,341	0,476	1,423
Element 2-29 (Embedded beam row)	12491	2	12,300	-11,261	1,271	0,476	1,357
(palo 1500)	12492	3	12,300	-11,511	1,202	0,476	1,293
	12493	4	12,300	-11,761	1,134	0,476	1,230
	12494	5	12,300	-12,011	1,066	0,476	1,168
EmbeddedBeamRow_2_1	12494	1	12,300	-12,011	1,066	0,476	1,168
Element 2-30 (Embedded beam row)	12495	2	12,300	-12,279	0,995	0,476	1,103
(palo 1500)	12496	3	12,300	-12,546	0,924	0,476	1,040
	12497	4	12,300	-12,814	0,855	0,476	0,979
	12498	5	12,300	-13,081	0,787	0,476	0,920
EmbeddedBeamRow_2_1	12498	1	12,300	-13,081	0,787	0,476	0,920
Element 2-31 (Embedded beam row)	12499	2	12,300	-13,351	0,719	0,476	0,862
(palo 1500)	12500	3	12,300	-13,621	0,652	0,476	0,808

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	12501	4	12,300	-13,891	0,587	0,476	0,756
	12502	5	12,300	-14,162	0,523	0,476	0,708
EmbeddedBeamRow_2_1	12502	1	12,300	-14,162	0,523	0,476	0,708
Element 2-32 (Embedded beam row)	12503	2	12,300	-14,434	0,460	0,476	0,662
(palo 1500)	12504	3	12,300	-14,707	0,399	0,476	0,621
	12505	4	12,300	-14,980	0,339	0,476	0,585
	12506	5	12,300	-15,253	0,281	0,476	0,553
EmbeddedBeamRow_2_1	12506	1	12,300	-15,253	0,281	0,476	0,553
Element 2-33 (Embedded beam row)	12507	2	12,300	-15,528	0,223	0,476	0,526
(palo 1500)	12508	3	12,300	-15,804	0,167	0,476	0,505
	12509	4	12,300	-16,079	0,113	0,476	0,490
	12510	5	12,300	-16,355	0,061	0,476	0,480
EmbeddedBeamRow_2_1	12510	1	12,300	-16,355	0,061	0,476	0,480
Element 2-34 (Embedded beam row)	12511	2	12,300	-16,633	0,010	0,476	0,477
(palo 1500)	12512	3	12,300	-16,912	-0,040	0,476	0,478
	12513	4	12,300	-17,190	-0,088	0,476	0,485
	12514	5	12,300	-17,468	-0,134	0,476	0,495
EmbeddedBeamRow_2_1	12514	1	12,300	-17,468	-0,134	0,476	0,495
Element 2-35 (Embedded beam row)	12515	2	12,300	-17,749	-0,179	0,476	0,509
(palo 1500)	12516	3	12,300	-18,030	-0,222	0,476	0,526
	12517	4	12,300	-18,311	-0,263	0,476	0,544
	12518	5	12,300	-18,593	-0,303	0,476	0,565
EmbeddedBeamRow_2_1	12518	1	12,300	-18,593	-0,303	0,476	0,565
Element 2-36 (Embedded beam row)	12519	2	12,300	-18,876	-0,342	0,476	0,586
(palo 1500)	12520	3	12,300	-19,160	-0,378	0,476	0,608
	12521	4	12,300	-19,444	-0,414	0,476	0,631

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	12522	5	12,300	-19,728	-0,447	0,476	0,653
EmbeddedBeamRow_2_1	12522	1	12,300	-19,728	-0,447	0,476	0,653
Element 2-37 (Embedded beam row)	12523	2	12,300	-20,015	-0,479	0,476	0,676
(palo 1500)	12524	3	12,300	-20,301	-0,510	0,476	0,698
	12525	4	12,300	-20,588	-0,539	0,476	0,719
	12526	5	12,300	-20,875	-0,567	0,476	0,740
EmbeddedBeamRow_2_1	12526	1	12,300	-20,875	-0,567	0,476	0,740
Element 2-38 (Embedded beam row)	12527	2	12,300	-21,164	-0,593	0,476	0,761
(palo 1500)	12528	3	12,300	-21,454	-0,618	0,476	0,780
	12529	4	12,300	-21,744	-0,642	0,476	0,799
	12530	5	12,300	-22,033	-0,664	0,476	0,817
EmbeddedBeamRow_2_1	12530	1	12,300	-22,033	-0,664	0,476	0,817
Element 2-39 (Embedded beam row)	12531	2	12,300	-22,326	-0,685	0,476	0,834
(palo 1500)	12532	3	12,300	-22,618	-0,705	0,476	0,851
	12533	4	12,300	-22,910	-0,724	0,476	0,867
	12534	5	12,300	-23,203	-0,742	0,476	0,881
EmbeddedBeamRow_2_1	12534	1	12,300	-23,203	-0,742	0,476	0,881
Element 2-40 (Embedded beam row)	12535	2	12,300	-23,498	-0,759	0,476	0,896
(palo 1500)	12536	3	12,300	-23,794	-0,775	0,475	0,909
	12537	4	12,300	-24,089	-0,790	0,475	0,922
	12538	5	12,300	-24,384	-0,804	0,475	0,934
EmbeddedBeamRow_2_1	12538	1	12,300	-24,384	-0,804	0,475	0,934
Element 2-41 (Embedded beam row)	12539	2	12,300	-24,683	-0,817	0,475	0,946
(palo 1500)	12540	3	12,300	-24,981	-0,830	0,475	0,957
	12541	4	12,300	-25,279	-0,842	0,475	0,967
	12542	5	12,300	-25,578	-0,854	0,475	0,977

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
EmbeddedBeamRow_2_1	12542	1	12,300	-25,578	-0,854	0,475	0,977
Element 2-42 (Embedded beam row)	12543	2	12,300	-25,879	-0,865	0,475	0,987
(palo 1500)	12544	3	12,300	-26,180	-0,876	0,475	0,996
	12545	4	12,300	-26,482	-0,886	0,474	1,005
	12546	5	12,300	-26,783	-0,896	0,474	1,014
EmbeddedBeamRow_2_1	12546	1	12,300	-26,783	-0,896	0,474	1,014
Element 2-43 (Embedded beam row)	12547	2	12,300	-27,087	-0,906	0,474	1,023
(palo 1500)	12548	3	12,300	-27,391	-0,916	0,474	1,031
	12549	4	12,300	-27,696	-0,925	0,474	1,040
	12550	5	12,300	-28,000	-0,935	0,474	1,048
EmbeddedBeamRow_2_1	12550	1	12,300	-28,000	-0,935	0,474	1,048
Element 2-44 (Embedded beam row)	12551	2	12,300	-28,223	-0,942	0,474	1,054
(palo 1500)	12552	3	12,300	-28,445	-0,949	0,474	1,060
	12553	4	12,300	-28,668	-0,956	0,473	1,067
	12554	5	12,300	-28,890	-0,963	0,473	1,073

3.3.1.2.1.8 Calculation results, Embedded beam row, plinto+pali [Phase_7] (7/50), Table of relative total displacements

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
EmbeddedBeamRow_1_1	12377	1	4,500	-4,890	0,000	0,000	0,000
Element 1-1 (Embedded beam row)	12378	2	4,500	-5,181	-76,881	0,000	0,000
(palo 1500)	12379	3	4,500	-5,471	-81,465	0,000	0,000
	12380	4	4,500	-5,762	-73,735	0,000	0,000
	12381	5	4,500	-6,053	-66,903	0,000	0,000
EmbeddedBeamRow_1_1	12381	1	4,500	-6,053	-66,903	0,000	0,000
Element 1-2 (Embedded beam row)	12382	2	4,500	-6,303	-84,191	0,000	0,000
(palo 1500)	12383	3	4,500	-6,553	-95,715	0,000	0,000
	12384	4	4,500	-6,803	-103,852	0,000	0,000
	12385	5	4,500	-7,053	-109,391	0,000	0,000
EmbeddedBeamRow_1_1	12385	1	4,500	-7,053	-109,391	0,000	0,000
Element 1-3 (Embedded beam row)	12386	2	4,500	-7,303	-112,974	0,000	0,000
(palo 1500)	12387	3	4,500	-7,553	-115,114	0,000	0,000
	12388	4	4,500	-7,803	-116,045	0,000	0,000
	12389	5	4,500	-8,053	-116,083	0,000	0,000
EmbeddedBeamRow_1_1	12389	1	4,500	-8,053	-116,083	0,000	0,000
Element 1-4 (Embedded beam row)	12390	2	4,500	-8,303	-115,395	0,000	0,000
(palo 1500)	12391	3	4,500	-8,553	-114,160	0,000	0,000
	12392	4	4,500	-8,803	-112,530	0,000	0,000
	12393	5	4,500	-9,053	-110,601	0,000	0,000
EmbeddedBeamRow_1_1	12393	1	4,500	-9,053	-110,601	0,000	0,000
Element 1-5 (Embedded beam row)	12394	2	4,500	-9,303	-108,468	0,000	0,001
(palo 1500)	12395	3	4,500	-9,553	-106,290	-0,001	0,001

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
	12396	4	4,500	-9,803	-104,033	-0,001	0,001
	12397	5	4,500	-10,053	-101,884	-0,001	0,001
EmbeddedBeamRow_1_1	12397	1	4,500	-10,053	-101,884	-0,001	0,001
Element 1-6 (Embedded beam row)	12398	2	4,500	-10,303	-99,828	-0,001	0,001
(palo 1500)	12399	3	4,500	-10,553	-97,950	-0,001	0,001
	12400	4	4,500	-10,803	-96,175	-0,001	0,001
	12401	5	4,500	-11,053	-93,190	-0,001	0,001
EmbeddedBeamRow_1_1	12401	1	4,500	-11,053	-93,190	-0,001	0,001
Element 1-7 (Embedded beam row)	12402	2	4,500	-11,317	-85,587	-0,001	0,001
(palo 1500)	12403	3	4,500	-11,582	-77,864	-0,001	0,001
	12404	4	4,500	-11,847	-70,834	-0,001	0,001
	12405	5	4,500	-12,111	-64,287	-0,001	0,001
EmbeddedBeamRow_1_1	12405	1	4,500	-12,111	-64,287	-0,001	0,001
Element 1-8 (Embedded beam row)	12406	2	4,500	-12,378	-58,206	-0,001	0,001
(palo 1500)	12407	3	4,500	-12,645	-52,571	-0,001	0,001
	12408	4	4,500	-12,912	-47,401	-0,001	0,001
	12409	5	4,500	-13,179	-42,676	-0,001	0,001
EmbeddedBeamRow_1_1	12409	1	4,500	-13,179	-42,676	-0,001	0,001
Element 1-9 (Embedded beam row)	12410	2	4,500	-13,449	-38,426	-0,001	0,001
(palo 1500)	12411	3	4,500	-13,718	-34,677	-0,001	0,001
	12412	4	4,500	-13,988	-31,348	-0,001	0,001
	12413	5	4,500	-14,258	-28,385	-0,001	0,001
EmbeddedBeamRow_1_1	12413	1	4,500	-14,258	-28,385	-0,001	0,001
Element 1-10 (Embedded beam row)	12414	2	4,500	-14,530	-25,714	-0,001	0,001
(palo 1500)	12415	3	4,500	-14,802	-23,321	-0,001	0,001
	12416	4	4,500	-15,074	-21,182	-0,001	0,001

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
	12417	5	4,500	-15,346	-19,272	-0,001	0,001
EmbeddedBeamRow_1_1	12417	1	4,500	-15,346	-19,272	-0,001	0,001
Element 1-11 (Embedded beam row)	12418	2	4,500	-15,620	-17,565	-0,001	0,001
(palo 1500)	12419	3	4,500	-15,895	-16,068	-0,001	0,001
	12420	4	4,500	-16,169	-14,768	-0,001	0,001
	12421	5	4,500	-16,444	-13,642	-0,001	0,001
EmbeddedBeamRow_1_1	12421	1	4,500	-16,444	-13,642	-0,001	0,001
Element 1-12 (Embedded beam row)	12422	2	4,500	-16,721	-12,664	-0,001	0,001
(palo 1500)	12423	3	4,500	-16,998	-11,808	-0,001	0,001
	12424	4	4,500	-17,275	-11,047	-0,001	0,001
	12425	5	4,500	-17,552	-10,365	-0,001	0,001
EmbeddedBeamRow_1_1	12425	1	4,500	-17,552	-10,365	-0,001	0,001
Element 1-13 (Embedded beam row)	12426	2	4,500	-17,832	-9,735	-0,001	0,001
(palo 1500)	12427	3	4,500	-18,111	-9,145	-0,001	0,001
	12428	4	4,500	-18,391	-8,570	-0,001	0,001
	12429	5	4,500	-18,671	-7,983	-0,001	0,001
EmbeddedBeamRow_1_1	12429	1	4,500	-18,671	-7,983	-0,001	0,001
Element 1-14 (Embedded beam row)	12430	2	4,500	-18,953	-7,336	-0,001	0,001
(palo 1500)	12431	3	4,500	-19,235	-6,603	-0,001	0,001
	12432	4	4,500	-19,517	-5,752	-0,001	0,001
	12433	5	4,500	-19,799	-4,756	-0,001	0,001
EmbeddedBeamRow_1_1	12433	1	4,500	-19,799	-4,756	-0,001	0,001
Element 1-15 (Embedded beam row)	12434	2	4,500	-20,084	-3,570	-0,001	0,001
(palo 1500)	12435	3	4,500	-20,369	-2,207	-0,001	0,001
	12436	4	4,500	-20,654	-0,694	-0,001	0,001
	12437	5	4,500	-20,939	0,912	-0,001	0,001

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
EmbeddedBeamRow_1_1	12437	1	4,500	-20,939	0,912	-0,001	0,001
Element 1-16 (Embedded beam row)	12438	2	4,500	-21,226	2,558	-0,001	0,001
(palo 1500)	12439	3	4,500	-21,514	4,129	-0,001	0,001
	12440	4	4,500	-21,801	5,542	-0,001	0,001
	12441	5	4,500	-22,089	6,746	-0,001	0,001
EmbeddedBeamRow_1_1	12441	1	4,500	-22,089	6,746	-0,001	0,001
Element 1-17 (Embedded beam row)	12442	2	4,500	-22,379	7,640	-0,001	0,001
(palo 1500)	12443	3	4,500	-22,669	8,252	-0,001	0,001
	12444	4	4,500	-22,959	8,623	-0,001	0,001
	12445	5	4,500	-23,249	8,708	-0,001	0,001
EmbeddedBeamRow_1_1	12445	1	4,500	-23,249	8,708	-0,001	0,001
Element 1-18 (Embedded beam row)	12446	2	4,500	-23,542	8,598	-0,001	0,001
(palo 1500)	12447	3	4,500	-23,835	8,257	-0,001	0,001
	12448	4	4,500	-24,128	7,697	-0,001	0,001
	12449	5	4,500	-24,421	6,938	-0,001	0,001
EmbeddedBeamRow_1_1	12449	1	4,500	-24,421	6,938	-0,001	0,001
Element 1-19 (Embedded beam row)	12450	2	4,500	-24,716	6,034	-0,001	0,001
(palo 1500)	12451	3	4,500	-25,012	5,079	-0,001	0,001
	12452	4	4,500	-25,307	4,110	-0,001	0,001
	12453	5	4,500	-25,603	3,180	-0,001	0,001
EmbeddedBeamRow_1_1	12453	1	4,500	-25,603	3,180	-0,001	0,001
Element 1-20 (Embedded beam row)	12454	2	4,500	-25,901	2,283	-0,001	0,001
(palo 1500)	12455	3	4,500	-26,199	1,450	-0,001	0,001
	12456	4	4,500	-26,498	0,721	-0,001	0,001
	12457	5	4,500	-26,796	0,054	-0,001	0,001
EmbeddedBeamRow_1_1	12457	1	4,500	-26,796	0,054	-0,001	0,001

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
Element 1-21 (Embedded beam row)	12458	2	4,500	-27,097	-0,504	-0,001	0,001
(palo 1500)	12459	3	4,500	-27,398	-0,762	-0,001	0,001
	12460	4	4,500	-27,699	-0,899	-0,001	0,001
	12461	5	4,500	-28,000	-1,105	-0,001	0,001
EmbeddedBeamRow_1_1	12461	1	4,500	-28,000	-1,105	-0,001	0,001
Element 1-22 (Embedded beam row)	12462	2	4,500	-28,223	0,756	-0,001	0,001
(palo 1500)	12463	3	4,500	-28,445	2,531	-0,001	0,001
	12464	4	4,500	-28,668	16,233	-0,001	0,001
	12465	5	4,500	-28,890	82,824	-0,001	0,001
EmbeddedBeamRow_2_1	12466	1	12,300	-4,890	0,000	0,000	0,000
Element 2-23 (Embedded beam row)	12467	2	12,300	-5,172	87,349	0,000	0,000
(palo 1500)	12468	3	12,300	-5,454	92,120	0,000	0,000
	12469	4	12,300	-5,737	82,738	0,000	0,000
	12470	5	12,300	-6,019	70,818	0,000	0,000
EmbeddedBeamRow_2_1	12470	1	12,300	-6,019	70,818	0,000	0,000
Element 2-24 (Embedded beam row)	12471	2	12,300	-6,267	57,567	0,000	0,000
(palo 1500)	12472	3	12,300	-6,515	42,651	0,000	0,000
	12473	4	12,300	-6,763	25,966	0,000	0,000
	12474	5	12,300	-7,011	8,836	0,000	0,000
EmbeddedBeamRow_2_1	12474	1	12,300	-7,011	8,836	0,000	0,000
Element 2-25 (Embedded beam row)	12475	2	12,300	-7,261	9,930	0,000	0,000
(palo 1500)	12476	3	12,300	-7,511	9,868	0,000	0,000
	12477	4	12,300	-7,761	7,246	0,000	0,000
	12478	5	12,300	-8,011	2,546	0,000	0,000
EmbeddedBeamRow_2_1	12478	1	12,300	-8,011	2,546	0,000	0,000
Element 2-26 (Embedded beam row)	12479	2	12,300	-8,261	-3,486	0,000	0,000

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
(palo 1500)	12480	3	12,300	-8,511	-7,829	0,000	0,000
	12481	4	12,300	-8,761	-10,345	0,000	0,000
	12482	5	12,300	-9,011	-11,256	0,000	0,000
EmbeddedBeamRow_2_1	12482	1	12,300	-9,011	-11,256	0,000	0,000
Element 2-27 (Embedded beam row)	12483	2	12,300	-9,261	-10,688	0,000	0,000
(palo 1500)	12484	3	12,300	-9,511	-8,949	0,000	0,000
	12485	4	12,300	-9,761	-6,122	0,000	0,000
	12486	5	12,300	-10,011	-2,196	0,000	0,000
EmbeddedBeamRow_2_1	12486	1	12,300	-10,011	-2,196	0,000	0,000
Element 2-28 (Embedded beam row)	12487	2	12,300	-10,261	2,780	-0,001	0,001
(palo 1500)	12488	3	12,300	-10,511	8,622	-0,001	0,001
	12489	4	12,300	-10,761	15,303	-0,001	0,001
	12490	5	12,300	-11,011	22,751	-0,001	0,001
EmbeddedBeamRow_2_1	12490	1	12,300	-11,011	22,751	-0,001	0,001
Element 2-29 (Embedded beam row)	12491	2	12,300	-11,261	31,505	-0,001	0,001
(palo 1500)	12492	3	12,300	-11,511	41,005	-0,001	0,001
	12493	4	12,300	-11,761	52,415	-0,001	0,001
	12494	5	12,300	-12,011	68,848	-0,001	0,001
EmbeddedBeamRow_2_1	12494	1	12,300	-12,011	68,848	-0,001	0,001
Element 2-30 (Embedded beam row)	12495	2	12,300	-12,279	66,829	-0,001	0,001
(palo 1500)	12496	3	12,300	-12,546	62,861	-0,001	0,001
	12497	4	12,300	-12,814	58,226	-0,001	0,001
	12498	5	12,300	-13,081	53,475	-0,001	0,001
EmbeddedBeamRow_2_1	12498	1	12,300	-13,081	53,475	-0,001	0,001
Element 2-31 (Embedded beam row)	12499	2	12,300	-13,351	48,617	-0,001	0,001
(palo 1500)	12500	3	12,300	-13,621	43,846	-0,001	0,001

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
	12501	4	12,300	-13,891	39,230	-0,001	0,001
	12502	5	12,300	-14,162	34,821	-0,001	0,001
EmbeddedBeamRow_2_1	12502	1	12,300	-14,162	34,821	-0,001	0,001
Element 2-32 (Embedded beam row)	12503	2	12,300	-14,434	30,620	-0,001	0,001
(palo 1500)	12504	3	12,300	-14,707	26,701	-0,001	0,001
	12505	4	12,300	-14,980	23,089	-0,001	0,001
	12506	5	12,300	-15,253	19,830	-0,001	0,001
EmbeddedBeamRow_2_1	12506	1	12,300	-15,253	19,830	-0,001	0,001
Element 2-33 (Embedded beam row)	12507	2	12,300	-15,528	16,920	-0,001	0,001
(palo 1500)	12508	3	12,300	-15,804	14,429	-0,001	0,001
	12509	4	12,300	-16,079	12,394	-0,001	0,001
	12510	5	12,300	-16,355	10,835	-0,001	0,001
EmbeddedBeamRow_2_1	12510	1	12,300	-16,355	10,835	-0,001	0,001
Element 2-34 (Embedded beam row)	12511	2	12,300	-16,633	9,789	-0,001	0,001
(palo 1500)	12512	3	12,300	-16,912	9,302	-0,001	0,001
	12513	4	12,300	-17,190	9,422	-0,001	0,001
	12514	5	12,300	-17,468	10,176	-0,001	0,001
EmbeddedBeamRow_2_1	12514	1	12,300	-17,468	10,176	-0,001	0,001
Element 2-35 (Embedded beam row)	12515	2	12,300	-17,749	11,649	-0,001	0,001
(palo 1500)	12516	3	12,300	-18,030	13,894	-0,001	0,001
	12517	4	12,300	-18,311	16,993	-0,001	0,001
	12518	5	12,300	-18,593	21,002	-0,001	0,001
EmbeddedBeamRow_2_1	12518	1	12,300	-18,593	21,002	-0,001	0,001
Element 2-36 (Embedded beam row)	12519	2	12,300	-18,876	26,124	-0,001	0,001
(palo 1500)	12520	3	12,300	-19,160	31,890	-0,001	0,001
	12521	4	12,300	-19,444	36,929	-0,001	0,001

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
	12522	5	12,300	-19,728	40,675	-0,001	0,001
EmbeddedBeamRow_2_1	12522	1	12,300	-19,728	40,675	-0,001	0,001
Element 2-37 (Embedded beam row)	12523	2	12,300	-20,015	43,130	-0,001	0,001
(palo 1500)	12524	3	12,300	-20,301	44,256	-0,001	0,001
	12525	4	12,300	-20,588	44,103	-0,001	0,001
	12526	5	12,300	-20,875	42,888	-0,001	0,001
EmbeddedBeamRow_2_1	12526	1	12,300	-20,875	42,888	-0,001	0,001
Element 2-38 (Embedded beam row)	12527	2	12,300	-21,164	40,756	-0,001	0,001
(palo 1500)	12528	3	12,300	-21,454	37,856	-0,001	0,001
	12529	4	12,300	-21,744	34,321	-0,001	0,001
	12530	5	12,300	-22,033	30,330	-0,001	0,001
EmbeddedBeamRow_2_1	12530	1	12,300	-22,033	30,330	-0,001	0,001
Element 2-39 (Embedded beam row)	12531	2	12,300	-22,326	25,990	-0,001	0,001
(palo 1500)	12532	3	12,300	-22,618	21,498	-0,001	0,001
	12533	4	12,300	-22,910	16,970	-0,001	0,001
	12534	5	12,300	-23,203	12,502	-0,001	0,001
EmbeddedBeamRow_2_1	12534	1	12,300	-23,203	12,502	-0,001	0,001
Element 2-40 (Embedded beam row)	12535	2	12,300	-23,498	8,111	-0,001	0,001
(palo 1500)	12536	3	12,300	-23,794	3,890	-0,001	0,001
	12537	4	12,300	-24,089	-0,134	-0,001	0,001
	12538	5	12,300	-24,384	-3,952	-0,001	0,001
EmbeddedBeamRow_2_1	12538	1	12,300	-24,384	-3,952	-0,001	0,001
Element 2-41 (Embedded beam row)	12539	2	12,300	-24,683	-7,617	-0,001	0,001
(palo 1500)	12540	3	12,300	-24,981	-11,061	-0,001	0,001
	12541	4	12,300	-25,279	-14,297	-0,001	0,001
	12542	5	12,300	-25,578	-17,319	-0,001	0,001

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
EmbeddedBeamRow_2_1	12542	1	12,300	-25,578	-17,319	-0,001	0,001
Element 2-42 (Embedded beam row)	12543	2	12,300	-25,879	-20,189	-0,001	0,001
(palo 1500)	12544	3	12,300	-26,180	-22,858	-0,001	0,001
	12545	4	12,300	-26,482	-25,252	-0,001	0,001
	12546	5	12,300	-26,783	-27,330	-0,001	0,001
EmbeddedBeamRow_2_1	12546	1	12,300	-26,783	-27,330	-0,001	0,001
Element 2-43 (Embedded beam row)	12547	2	12,300	-27,087	-28,842	-0,001	0,001
(palo 1500)	12548	3	12,300	-27,391	-29,564	-0,001	0,001
	12549	4	12,300	-27,696	-29,323	-0,001	0,001
	12550	5	12,300	-28,000	-29,402	-0,001	0,001
EmbeddedBeamRow_2_1	12550	1	12,300	-28,000	-29,402	-0,001	0,001
Element 2-44 (Embedded beam row)	12551	2	12,300	-28,223	-28,130	-0,001	0,001
(palo 1500)	12552	3	12,300	-28,445	-25,610	-0,001	0,001
	12553	4	12,300	-28,668	-6,105	-0,001	0,001
	12554	5	12,300	-28,890	77,938	-0,001	0,001

3.3.1.2.1.9 Calculation results, Embedded beam row, carico orizzontale [Phase_3] (3/53), Table of relative total displacements

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
EmbeddedBeamRow_1_1	12377	1	4,500	-4,890	0,000	0,000	0,000
Element 1-1 (Embedded beam row)	12378	2	4,500	-5,181	-225,118	-17,941	0,000
(palo 1500)	12379	3	4,500	-5,471	-195,495	-55,046	0,000
	12380	4	4,500	-5,762	-163,748	-89,197	0,000
	12381	5	4,500	-6,053	-190,766	-115,852	0,000
EmbeddedBeamRow_1_1	12381	1	4,500	-6,053	-190,766	-115,852	0,000
Element 1-2 (Embedded beam row)	12382	2	4,500	-6,303	-245,359	-149,611	0,000
(palo 1500)	12383	3	4,500	-6,553	-297,544	-172,448	0,000
	12384	4	4,500	-6,803	-341,638	-186,431	0,000
	12385	5	4,500	-7,053	-375,756	-194,217	0,000
EmbeddedBeamRow_1_1	12385	1	4,500	-7,053	-375,756	-194,217	0,000
Element 1-3 (Embedded beam row)	12386	2	4,500	-7,303	-398,475	-197,112	0,000
(palo 1500)	12387	3	4,500	-7,553	-409,941	-197,244	0,000
	12388	4	4,500	-7,803	-410,310	-196,043	0,000
	12389	5	4,500	-8,053	-400,644	-194,672	0,000
EmbeddedBeamRow_1_1	12389	1	4,500	-8,053	-400,644	-194,672	0,000
Element 1-4 (Embedded beam row)	12390	2	4,500	-8,303	-382,112	-194,075	0,000
(palo 1500)	12391	3	4,500	-8,553	-356,306	-194,884	0,000
	12392	4	4,500	-8,803	-324,583	-197,493	0,000
	12393	5	4,500	-9,053	-288,497	-202,088	0,000
EmbeddedBeamRow_1_1	12393	1	4,500	-9,053	-288,497	-202,088	0,000
Element 1-5 (Embedded beam row)	12394	2	4,500	-9,303	-249,306	-208,681	0,000
(palo 1500)	12395	3	4,500	-9,553	-208,237	-217,153	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
	12396	4	4,500	-9,803	-166,240	-227,339	0,000
	12397	5	4,500	-10,053	-124,143	-238,969	0,000
EmbeddedBeamRow_1_1	12397	1	4,500	-10,053	-124,143	-238,969	0,000
Element 1-6 (Embedded beam row)	12398	2	4,500	-10,303	-82,723	-251,760	0,000
(palo 1500)	12399	3	4,500	-10,553	-42,158	-265,349	0,000
	12400	4	4,500	-10,803	-3,264	-279,613	0,000
	12401	5	4,500	-11,053	34,985	-293,777	0,000
EmbeddedBeamRow_1_1	12401	1	4,500	-11,053	34,985	-293,777	0,000
Element 1-7 (Embedded beam row)	12402	2	4,500	-11,317	66,349	-304,620	0,000
(palo 1500)	12403	3	4,500	-11,582	93,973	-316,081	0,000
	12404	4	4,500	-11,847	118,195	-327,555	0,000
	12405	5	4,500	-12,111	139,140	-338,718	0,000
EmbeddedBeamRow_1_1	12405	1	4,500	-12,111	139,140	-338,718	0,000
Element 1-8 (Embedded beam row)	12406	2	4,500	-12,378	156,949	-349,518	0,000
(palo 1500)	12407	3	4,500	-12,645	171,577	-359,653	0,000
	12408	4	4,500	-12,912	183,119	-368,969	0,000
	12409	5	4,500	-13,179	191,774	-377,340	0,000
EmbeddedBeamRow_1_1	12409	1	4,500	-13,179	191,774	-377,340	0,000
Element 1-9 (Embedded beam row)	12410	2	4,500	-13,449	197,739	-384,660	0,000
(palo 1500)	12411	3	4,500	-13,718	201,309	-390,843	0,000
	12412	4	4,500	-13,988	202,683	-395,874	0,000
	12413	5	4,500	-14,258	202,146	-399,757	0,000
EmbeddedBeamRow_1_1	12413	1	4,500	-14,258	202,146	-399,757	0,000
Element 1-10 (Embedded beam row)	12414	2	4,500	-14,530	199,875	-402,468	0,000
(palo 1500)	12415	3	4,500	-14,802	196,129	-403,972	0,000
	12416	4	4,500	-15,074	191,117	-404,247	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
	12417	5	4,500	-15,346	185,088	-403,302	0,000
EmbeddedBeamRow_1_1	12417	1	4,500	-15,346	185,088	-403,302	0,000
Element 1-11 (Embedded beam row)	12418	2	4,500	-15,620	178,174	-401,110	0,000
(palo 1500)	12419	3	4,500	-15,895	170,654	-397,696	0,000
	12420	4	4,500	-16,169	162,715	-393,062	0,000
	12421	5	4,500	-16,444	154,548	-387,235	0,000
EmbeddedBeamRow_1_1	12421	1	4,500	-16,444	154,548	-387,235	0,000
Element 1-12 (Embedded beam row)	12422	2	4,500	-16,721	146,252	-380,161	0,000
(palo 1500)	12423	3	4,500	-16,998	138,062	-371,918	0,000
	12424	4	4,500	-17,275	130,127	-362,519	0,000
	12425	5	4,500	-17,552	122,574	-352,008	0,000
EmbeddedBeamRow_1_1	12425	1	4,500	-17,552	122,574	-352,008	0,000
Element 1-13 (Embedded beam row)	12426	2	4,500	-17,832	115,457	-340,300	0,000
(palo 1500)	12427	3	4,500	-18,111	108,943	-327,537	0,000
	12428	4	4,500	-18,391	103,109	-313,754	0,000
	12429	5	4,500	-18,671	98,000	-299,017	0,000
EmbeddedBeamRow_1_1	12429	1	4,500	-18,671	98,000	-299,017	0,000
Element 1-14 (Embedded beam row)	12430	2	4,500	-18,953	93,613	-283,229	0,000
(palo 1500)	12431	3	4,500	-19,235	89,978	-266,597	0,000
	12432	4	4,500	-19,517	87,073	-249,174	0,000
	12433	5	4,500	-19,799	84,817	-231,042	0,000
EmbeddedBeamRow_1_1	12433	1	4,500	-19,799	84,817	-231,042	0,000
Element 1-15 (Embedded beam row)	12434	2	4,500	-20,084	83,113	-212,082	0,000
(palo 1500)	12435	3	4,500	-20,369	81,852	-192,523	0,000
	12436	4	4,500	-20,654	80,896	-172,399	0,000
	12437	5	4,500	-20,939	80,089	-151,751	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
EmbeddedBeamRow_1_1	12437	1	4,500	-20,939	80,089	-151,751	0,000
Element 1-16 (Embedded beam row)	12438	2	4,500	-21,226	79,265	-130,392	0,000
(palo 1500)	12439	3	4,500	-21,514	78,270	-108,517	0,000
	12440	4	4,500	-21,801	76,943	-86,102	0,000
	12441	5	4,500	-22,089	75,146	-63,130	0,000
EmbeddedBeamRow_1_1	12441	1	4,500	-22,089	75,146	-63,130	0,000
Element 1-17 (Embedded beam row)	12442	2	4,500	-22,379	72,715	-39,343	0,000
(palo 1500)	12443	3	4,500	-22,669	69,557	-14,919	0,000
	12444	4	4,500	-22,959	65,565	10,181	0,000
	12445	5	4,500	-23,249	60,673	35,973	0,000
EmbeddedBeamRow_1_1	12445	1	4,500	-23,249	60,673	35,973	0,000
Element 1-18 (Embedded beam row)	12446	2	4,500	-23,542	54,744	62,730	0,000
(palo 1500)	12447	3	4,500	-23,835	47,775	90,217	0,000
	12448	4	4,500	-24,128	39,691	118,444	0,000
	12449	5	4,500	-24,421	30,456	147,395	0,000
EmbeddedBeamRow_1_1	12449	1	4,500	-24,421	30,456	147,395	0,000
Element 1-19 (Embedded beam row)	12450	2	4,500	-24,716	19,894	177,320	0,000
(palo 1500)	12451	3	4,500	-25,012	8,040	207,936	0,000
	12452	4	4,500	-25,307	-5,193	239,209	0,000
	12453	5	4,500	-25,603	-19,858	271,075	0,000
EmbeddedBeamRow_1_1	12453	1	4,500	-25,603	-19,858	271,075	0,000
Element 1-20 (Embedded beam row)	12454	2	4,500	-25,901	-36,222	303,779	0,000
(palo 1500)	12455	3	4,500	-26,199	-54,228	336,933	0,000
	12456	4	4,500	-26,498	-74,018	370,392	0,000
	12457	5	4,500	-26,796	-95,691	403,930	0,000
EmbeddedBeamRow_1_1	12457	1	4,500	-26,796	-95,691	403,930	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
Element 1-21 (Embedded beam row)	12458	2	4,500	-27,097	-119,625	437,693	0,000
(palo 1500)	12459	3	4,500	-27,398	-145,760	470,778	0,000
	12460	4	4,500	-27,699	-174,309	502,169	0,001
	12461	5	4,500	-28,000	-205,490	530,406	0,001
EmbeddedBeamRow_1_1	12461	1	4,500	-28,000	-205,490	530,406	0,001
Element 1-22 (Embedded beam row)	12462	2	4,500	-28,223	-230,198	548,649	0,001
(palo 1500)	12463	3	4,500	-28,445	-256,335	556,180	0,001
	12464	4	4,500	-28,668	-284,822	536,406	0,001
	12465	5	4,500	-28,890	-317,835	464,244	0,001
EmbeddedBeamRow_2_1	12466	1	12,300	-4,890	0,000	0,000	0,000
Element 2-23 (Embedded beam row)	12467	2	12,300	-5,172	89,125	-12,447	0,000
(palo 1500)	12468	3	12,300	-5,454	98,807	-35,993	0,000
	12469	4	12,300	-5,737	95,258	-44,831	0,000
	12470	5	12,300	-6,019	86,083	-45,335	0,000
EmbeddedBeamRow_2_1	12470	1	12,300	-6,019	86,083	-45,335	0,000
Element 2-24 (Embedded beam row)	12471	2	12,300	-6,267	72,427	-49,542	0,000
(palo 1500)	12472	3	12,300	-6,515	54,408	-51,398	0,000
	12473	4	12,300	-6,763	32,686	-52,909	0,000
	12474	5	12,300	-7,011	9,357	-54,649	0,000
EmbeddedBeamRow_2_1	12474	1	12,300	-7,011	9,357	-54,649	0,000
Element 2-25 (Embedded beam row)	12475	2	12,300	-7,261	-11,065	-59,757	0,000
(palo 1500)	12476	3	12,300	-7,511	-33,997	-60,909	0,000
	12477	4	12,300	-7,761	-53,773	-57,792	0,000
	12478	5	12,300	-8,011	-66,697	-51,516	0,000
EmbeddedBeamRow_2_1	12478	1	12,300	-8,011	-66,697	-51,516	0,000
Element 2-26 (Embedded beam row)	12479	2	12,300	-8,261	-70,457	-46,884	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
(palo 1500)	12480	3	12,300	-8,511	-71,566	-43,528	0,000
	12481	4	12,300	-8,761	-68,662	-40,437	0,000
	12482	5	12,300	-9,011	-62,527	-37,378	0,000
EmbeddedBeamRow_2_1	12482	1	12,300	-9,011	-62,527	-37,378	0,000
Element 2-27 (Embedded beam row)	12483	2	12,300	-9,261	-52,924	-33,656	0,000
(palo 1500)	12484	3	12,300	-9,511	-38,958	-28,995	0,000
	12485	4	12,300	-9,761	-19,679	-23,290	0,000
	12486	5	12,300	-10,011	3,923	-16,955	0,000
EmbeddedBeamRow_2_1	12486	1	12,300	-10,011	3,923	-16,955	0,000
Element 2-28 (Embedded beam row)	12487	2	12,300	-10,261	30,480	-10,480	0,000
(palo 1500)	12488	3	12,300	-10,511	58,497	-4,382	0,000
	12489	4	12,300	-10,761	86,770	0,987	0,000
	12490	5	12,300	-11,011	113,841	5,369	0,000
EmbeddedBeamRow_2_1	12490	1	12,300	-11,011	113,841	5,369	0,000
Element 2-29 (Embedded beam row)	12491	2	12,300	-11,261	139,933	8,180	0,000
(palo 1500)	12492	3	12,300	-11,511	162,946	9,188	0,000
	12493	4	12,300	-11,761	185,028	8,976	0,000
	12494	5	12,300	-12,011	210,152	9,072	0,000
EmbeddedBeamRow_2_1	12494	1	12,300	-12,011	210,152	9,072	0,000
Element 2-30 (Embedded beam row)	12495	2	12,300	-12,279	206,164	11,017	0,000
(palo 1500)	12496	3	12,300	-12,546	198,525	11,027	0,000
	12497	4	12,300	-12,814	190,084	9,918	0,000
	12498	5	12,300	-13,081	183,140	8,380	0,000
EmbeddedBeamRow_2_1	12498	1	12,300	-13,081	183,140	8,380	0,000
Element 2-31 (Embedded beam row)	12499	2	12,300	-13,351	176,469	5,822	0,000
(palo 1500)	12500	3	12,300	-13,621	170,192	2,923	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
	12501	4	12,300	-13,891	164,139	-0,304	0,000
	12502	5	12,300	-14,162	158,240	-3,799	0,000
EmbeddedBeamRow_2_1	12502	1	12,300	-14,162	158,240	-3,799	0,000
Element 2-32 (Embedded beam row)	12503	2	12,300	-14,434	152,415	-7,546	0,000
(palo 1500)	12504	3	12,300	-14,707	146,702	-11,452	0,000
	12505	4	12,300	-14,980	141,086	-15,467	0,000
	12506	5	12,300	-15,253	135,557	-19,539	0,000
EmbeddedBeamRow_2_1	12506	1	12,300	-15,253	135,557	-19,539	0,000
Element 2-33 (Embedded beam row)	12507	2	12,300	-15,528	130,045	-23,659	0,000
(palo 1500)	12508	3	12,300	-15,804	124,581	-27,716	0,000
	12509	4	12,300	-16,079	119,149	-31,642	0,000
	12510	5	12,300	-16,355	113,757	-35,378	0,000
EmbeddedBeamRow_2_1	12510	1	12,300	-16,355	113,757	-35,378	0,000
Element 2-34 (Embedded beam row)	12511	2	12,300	-16,633	108,348	-38,966	0,000
(palo 1500)	12512	3	12,300	-16,912	102,949	-42,275	0,000
	12513	4	12,300	-17,190	97,616	-45,287	0,000
	12514	5	12,300	-17,468	92,420	-48,036	0,000
EmbeddedBeamRow_2_1	12514	1	12,300	-17,468	92,420	-48,036	0,000
Element 2-35 (Embedded beam row)	12515	2	12,300	-17,749	87,363	-50,564	0,000
(palo 1500)	12516	3	12,300	-18,030	82,528	-52,853	0,000
	12517	4	12,300	-18,311	77,940	-54,908	0,000
	12518	5	12,300	-18,593	73,611	-56,736	0,000
EmbeddedBeamRow_2_1	12518	1	12,300	-18,593	73,611	-56,736	0,000
Element 2-36 (Embedded beam row)	12519	2	12,300	-18,876	69,519	-58,353	0,000
(palo 1500)	12520	3	12,300	-19,160	65,717	-59,744	0,000
	12521	4	12,300	-19,444	62,198	-60,907	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
	12522	5	12,300	-19,728	58,935	-61,845	0,000
EmbeddedBeamRow_2_1	12522	1	12,300	-19,728	58,935	-61,845	0,000
Element 2-37 (Embedded beam row)	12523	2	12,300	-20,015	55,870	-62,560	0,000
(palo 1500)	12524	3	12,300	-20,301	53,002	-63,043	0,000
	12525	4	12,300	-20,588	50,277	-63,291	0,000
	12526	5	12,300	-20,875	47,622	-63,302	0,000
EmbeddedBeamRow_2_1	12526	1	12,300	-20,875	47,622	-63,302	0,000
Element 2-38 (Embedded beam row)	12527	2	12,300	-21,164	44,951	-63,053	0,000
(palo 1500)	12528	3	12,300	-21,454	42,275	-62,525	0,000
	12529	4	12,300	-21,744	39,563	-61,706	0,000
	12530	5	12,300	-22,033	36,785	-60,589	0,000
EmbeddedBeamRow_2_1	12530	1	12,300	-22,033	36,785	-60,589	0,000
Element 2-39 (Embedded beam row)	12531	2	12,300	-22,326	33,865	-59,151	0,000
(palo 1500)	12532	3	12,300	-22,618	30,783	-57,400	0,000
	12533	4	12,300	-22,910	27,477	-55,327	0,000
	12534	5	12,300	-23,203	23,888	-52,930	0,000
EmbeddedBeamRow_2_1	12534	1	12,300	-23,203	23,888	-52,930	0,000
Element 2-40 (Embedded beam row)	12535	2	12,300	-23,498	19,904	-50,178	0,000
(palo 1500)	12536	3	12,300	-23,794	15,499	-47,084	0,000
	12537	4	12,300	-24,089	10,588	-43,640	0,000
	12538	5	12,300	-24,384	5,109	-39,846	0,000
EmbeddedBeamRow_2_1	12538	1	12,300	-24,384	5,109	-39,846	0,000
Element 2-41 (Embedded beam row)	12539	2	12,300	-24,683	-1,086	-35,644	0,000
(palo 1500)	12540	3	12,300	-24,981	-8,026	-31,076	0,000
	12541	4	12,300	-25,279	-15,805	-26,128	0,000
	12542	5	12,300	-25,578	-24,482	-20,796	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
EmbeddedBeamRow_2_1	12542	1	12,300	-25,578	-24,482	-20,796	0,000
Element 2-42 (Embedded beam row)	12543	2	12,300	-25,879	-34,247	-15,024	0,000
(palo 1500)	12544	3	12,300	-26,180	-45,082	-8,856	0,000
	12545	4	12,300	-26,482	-57,130	-2,289	0,000
	12546	5	12,300	-26,783	-70,507	4,658	0,000
EmbeddedBeamRow_2_1	12546	1	12,300	-26,783	-70,507	4,658	0,000
Element 2-43 (Embedded beam row)	12547	2	12,300	-27,087	-85,523	12,058	0,000
(palo 1500)	12548	3	12,300	-27,391	-102,227	19,838	0,000
	12549	4	12,300	-27,696	-120,670	27,905	0,000
	12550	5	12,300	-28,000	-141,232	36,124	0,000
EmbeddedBeamRow_2_1	12550	1	12,300	-28,000	-141,232	36,124	0,000
Element 2-44 (Embedded beam row)	12551	2	12,300	-28,223	-157,877	42,407	0,000
(palo 1500)	12552	3	12,300	-28,445	-175,349	47,751	0,000
	12553	4	12,300	-28,668	-194,222	50,289	0,000
	12554	5	12,300	-28,890	-217,577	47,566	0,000

3.3.2.1.8 Calculation results, Embedded beam row, plinto+pali [Phase_7] (7/50), Table of embedded pile row force envelopes

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T---+-- [kN/m/m]	T---+-+	N-- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
EmbeddedBeamRow_1_1	12377	1	4,500	-4,890	-160,799	4,668	-20,579	0,000	0,000	46,667	0,000	-160,799	0,000	0,000	4,668	-20,579	0,000
Element 1-1 (Embedded beam row)	12378	2	4,500	-5,181	-161,872	4,563	-19,238	0,327	-0,360	46,667	0,007	-161,872	0,000	0,000	4,563	-19,238	0,000
(palo 1500)	12379	3	4,500	-5,471	-162,891	4,457	-17,927	0,535	-0,382	46,667	0,011	-162,891	0,000	0,000	4,457	-17,927	0,000
	12380	4	4,500	-5,762	-163,858	4,353	-16,646	0,678	-0,345	46,667	0,015	-163,858	0,000	0,000	4,353	-16,646	0,000
	12381	5	4,500	-6,053	-164,778	4,255	-15,395	0,803	-0,317	46,667	0,017	-164,778	0,000	0,000	4,255	-15,395	0,000
EmbeddedBeamRow_1_1	12381	1	4,500	-6,053	-164,783	4,257	-15,395	0,463	-0,183	46,667	0,010	-164,783	0,000	0,000	4,257	-15,395	0,000
Element 1-2 (Embedded beam row)	12382	2	4,500	-6,303	-165,625	4,202	-14,338	0,641	-0,247	46,667	0,014	-165,625	0,000	0,000	4,202	-14,338	0,000
(palo 1500)	12383	3	4,500	-6,553	-166,426	4,133	-13,296	0,812	-0,302	46,667	0,017	-166,426	0,000	0,000	4,133	-13,296	0,000
	12384	4	4,500	-6,803	-167,184	4,052	-12,272	0,976	-0,349	46,667	0,021	-167,184	0,000	0,000	4,052	-12,277	0,000
	12385	5	4,500	-7,053	-167,901	3,959	-11,270	1,137	-0,389	46,667	0,024	-167,901	0,000	0,000	3,959	-11,303	0,000
EmbeddedBeamRow_1_1	12385	1	4,500	-7,053	-167,902	3,960	-11,270	1,137	-0,389	46,667	0,024	-167,902	0,000	0,000	3,960	-11,303	0,000
Element 1-3 (Embedded beam row)	12386	2	4,500	-7,303	-168,579	3,858	-10,293	1,290	-0,422	46,667	0,028	-168,579	0,000	0,000	3,858	-10,353	0,000
(palo 1500)	12387	3	4,500	-7,553	-169,220	3,749	-9,342	1,441	-0,449	46,667	0,031	-169,220	0,000	0,000	3,749	-9,427	0,000
	12388	4	4,500	-7,803	-169,823	3,634	-8,419	1,589	-0,472	46,667	0,034	-169,823	0,000	0,000	3,634	-8,529	0,000
	12389	5	4,500	-8,053	-170,389	3,513	-7,526	1,734	-0,491	46,667	0,037	-170,389	0,000	0,000	3,513	-7,659	0,000
EmbeddedBeamRow_1_1	12389	1	4,500	-8,053	-170,390	3,514	-7,526	1,736	-0,491	46,667	0,037	-170,390	0,000	0,000	3,514	-7,659	0,000
Element 1-4 (Embedded beam row)	12390	2	4,500	-8,303	-170,919	3,389	-6,663	1,875	-0,505	46,667	0,040	-170,919	0,000	0,000	3,389	-6,819	0,000
(palo 1500)	12391	3	4,500	-8,553	-171,415	3,261	-5,831	2,013	-0,516	46,667	0,043	-171,415	0,000	0,000	3,261	-6,008	0,000
	12392	4	4,500	-8,803	-171,877	3,131	-5,032	2,149	-0,524	46,667	0,046	-171,877	0,000	0,000	3,131	-5,229	0,000
	12393	5	4,500	-9,053	-172,304	2,999	-4,266	2,282	-0,529	46,667	0,049	-172,304	0,000	0,000	2,999	-4,482	0,000
EmbeddedBeamRow_1_1	12393	1	4,500	-9,053	-172,305	3,000	-4,266	2,282	-0,529	46,667	0,049	-172,305	0,000	0,000	3,000	-4,482	0,000
Element 1-5 (Embedded beam row)	12394	2	4,500	-9,303	-172,699	2,867	-3,533	2,409	-0,531	46,667	0,052	-172,699	0,000	0,000	2,867	-3,766	0,000
(palo 1500)	12395	3	4,500	-9,553	-173,064	2,734	-2,832	2,533	-0,532	46,667	0,054	-173,064	0,000	0,000	2,734	-3,082	0,000
	12396	4	4,500	-9,803	-173,397	2,601	-2,165	2,654	-0,532	46,667	0,057	-173,397	0,000	0,000	2,601	-2,430	0,000
	12397	5	4,500	-10,053	-173,700	2,468	-1,532	2,773	-0,532	46,667	0,059	-173,700	0,000	0,000	2,468	-1,811	0,000
EmbeddedBeamRow_1_1	12397	1	4,500	-10,053	-173,700	2,468	-1,532	2,773	-0,532	46,667	0,059	-173,700	0,000	0,000	2,468	-1,811	0,000
Element 1-6 (Embedded beam row)	12398	2	4,500	-10,303	-173,974	2,335	-0,932	2,890	-0,531	46,667	0,062	-173,974	0,000	0,000	2,335	-1,299	0,000
(palo 1500)	12399	3	4,500	-10,553	-174,219	2,203	-0,364	3,008	-0,531	46,667	0,064	-174,219	0,000	0,000	2,203	-0,984	0,000
	12400	4	4,500	-10,803	-174,433	2,070	0,170	3,129	-0,532	46,667	0,067	-174,433	0,000	0,000	2,070	-0,687	0,170
	12401	5	4,500	-11,053	-174,618	1,936	0,670	3,250	-0,533	46,667	0,070	-174,618	0,000	0,000	1,936	-0,406	0,670
EmbeddedBeamRow_1_1	12401	1	4,500	-11,053	-174,617	1,936	0,670	5,092	-0,835	46,667	0,109	-174,617	0,000	0,000	1,936	-0,406	0,670
Element 1-7 (Embedded beam row)	12402	2	4,500	-11,317	-174,297	1,725	1,154	5,188	-0,765	46,667	0,111	-174,297	0,000	0,000	1,725	-0,134	1,154

Structural element	Node [10⁻³]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
(palo 1500)	12403	3	4,500	-11,582	-173,950	1,531	1,585	5,292	-0,704	46,667	0,113	-173,950	0,000	0,000	1,531	0,000	1,585
	12404	4	4,500	-11,847	-173,575	1,352	1,966	5,399	-0,647	46,667	0,116	-173,575	0,000	0,000	1,352	0,000	1,966
	12405	5	4,500	-12,111	-173,171	1,188	2,302	5,507	-0,593	46,667	0,118	-173,171	0,000	0,000	1,188	0,000	2,302
EmbeddedBeamRow_1_1	12405	1	4,500	-12,111	-173,171	1,188	2,302	5,507	-0,593	46,667	0,118	-173,171	0,000	0,000	1,188	0,000	2,302
Element 1-8 (Embedded beam row)	12406	2	4,500	-12,378	-172,734	1,037	2,598	5,618	-0,543	46,667	0,120	-172,734	0,000	0,000	1,037	0,000	2,598
(palo 1500)	12407	3	4,500	-12,645	-172,268	0,898	2,856	5,730	-0,495	46,667	0,123	-172,268	0,000	0,000	0,898	0,000	2,856
	12408	4	4,500	-12,912	-171,771	0,772	3,079	5,843	-0,451	46,667	0,125	-171,771	0,000	0,000	0,772	0,000	3,079
	12409	5	4,500	-13,179	-171,244	0,657	3,269	5,957	-0,410	46,667	0,128	-171,244	0,000	0,000	0,657	0,000	3,269
EmbeddedBeamRow_1_1	12409	1	4,500	-13,179	-171,244	0,656	3,269	5,957	-0,410	46,667	0,128	-171,244	0,000	0,000	0,656	0,000	3,269
Element 1-9 (Embedded beam row)	12410	2	4,500	-13,449	-170,682	0,552	3,432	6,072	-0,372	46,667	0,130	-170,682	0,000	0,000	0,552	0,000	3,432
(palo 1500)	12411	3	4,500	-13,718	-170,088	0,456	3,568	6,187	-0,339	46,667	0,133	-170,088	0,000	0,000	0,458	0,000	3,568
	12412	4	4,500	-13,988	-169,463	0,368	3,679	6,301	-0,310	46,667	0,135	-169,463	0,000	0,000	0,374	0,000	3,679
	12413	5	4,500	-14,258	-168,809	0,289	3,767	6,414	-0,283	46,667	0,137	-168,809	0,000	0,000	0,299	0,000	3,767
EmbeddedBeamRow_1_1	12413	1	4,500	-14,258	-168,808	0,288	3,767	6,414	-0,283	46,667	0,137	-168,808	0,000	0,000	0,299	0,000	3,767
Element 1-10 (Embedded beam row)	12414	2	4,500	-14,530	-168,117	0,215	3,835	6,527	-0,259	46,667	0,140	-168,117	0,000	0,000	0,230	0,000	3,835
(palo 1500)	12415	3	4,500	-14,802	-167,394	0,148	3,885	6,640	-0,237	46,667	0,142	-167,394	0,000	0,000	0,167	0,000	3,885
	12416	4	4,500	-15,074	-166,641	0,086	3,916	6,753	-0,217	46,667	0,145	-166,641	0,000	0,000	0,115	0,000	3,916
	12417	5	4,500	-15,346	-165,857	0,030	3,932	6,867	-0,199	46,667	0,147	-165,857	0,000	0,000	0,088	0,000	3,932
EmbeddedBeamRow_1_1	12417	1	4,500	-15,346	-165,856	0,029	3,932	6,867	-0,199	46,667	0,147	-165,856	0,000	0,000	0,087	0,000	3,932
Element 1-11 (Embedded beam row)	12418	2	4,500	-15,620	-165,034	-0,023	3,933	6,981	-0,183	46,667	0,150	-165,034	0,000	-0,023	0,063	0,000	3,933
(palo 1500)	12419	3	4,500	-15,895	-164,179	-0,071	3,920	7,097	-0,169	46,667	0,152	-164,179	0,000	-0,071	0,040	0,000	3,920
	12420	4	4,500	-16,169	-163,293	-0,116	3,894	7,213	-0,157	46,667	0,155	-163,293	0,000	-0,116	0,019	0,000	3,894
	12421	5	4,500	-16,444	-162,375	-0,157	3,856	7,330	-0,146	46,667	0,157	-162,375	0,000	-0,157	0,000	0,000	3,856
EmbeddedBeamRow_1_1	12421	1	4,500	-16,444	-162,375	-0,157	3,856	7,331	-0,146	46,667	0,157	-162,375	0,000	-0,157	0,000	0,000	3,856
Element 1-12 (Embedded beam row)	12422	2	4,500	-16,721	-161,416	-0,196	3,807	7,451	-0,136	46,667	0,160	-161,416	0,000	-0,196	0,000	0,000	3,807
(palo 1500)	12423	3	4,500	-16,998	-160,422	-0,233	3,748	7,571	-0,128	46,667	0,162	-160,422	0,000	-0,233	0,000	0,000	3,748
	12424	4	4,500	-17,275	-159,396	-0,267	3,678	7,692	-0,121	46,667	0,165	-159,396	0,000	-0,267	0,000	0,000	3,678
	12425	5	4,500	-17,552	-158,336	-0,300	3,600	7,815	-0,114	46,667	0,167	-158,336	0,000	-0,300	0,000	0,000	3,600
EmbeddedBeamRow_1_1	12425	1	4,500	-17,552	-158,335	-0,300	3,600	7,815	-0,114	46,667	0,167	-158,335	0,000	-0,300	0,000	0,000	3,600
Element 1-13 (Embedded beam row)	12426	2	4,500	-17,832	-157,232	-0,331	3,511	7,939	-0,108	46,667	0,170	-157,232	0,000	-0,331	0,000	0,000	3,511
(palo 1500)	12427	3	4,500	-18,111	-156,092	-0,360	3,415	8,064	-0,102	46,667	0,173	-156,092	0,000	-0,360	0,000	0,000	3,415
	12428	4	4,500	-18,391	-154,917	-0,388	3,310	8,191	-0,096	46,667	0,176	-154,917	0,000	-0,388	0,000	0,000	3,310
	12429	5	4,500	-18,671	-153,707	-0,414	3,198	8,320	-0,090	46,667	0,178	-153,707	0,000	-0,414	0,000	0,000	3,198
EmbeddedBeamRow_1_1	12429	1	4,500	-18,671	-153,706	-0,414	3,198	8,320	-0,090	46,667	0,178	-153,706	0,000	-0,414	0,000	0,000	3,198
Element 1-14 (Embedded beam row)	12430	2	4,500	-18,953	-152,449	-0,439	3,078	8,450	-0,083	46,667	0,181	-152,449	0,000	-0,439	0,000	0,000	3,078
(palo 1500)	12431	3	4,500	-19,235	-151,154	-0,461	2,951	8,583	-0,075	46,667	0,184	-151,154	0,000	-0,461	0,000	0,000	2,951

Structural element	Node [10⁻]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N -- [kN/m]	N --- [kN/m]	Q -- [kN/m]	Q --- [kN/m]	M -- [kN m/m]	M --- [kN m/m]
	12432	4	4,500	-19,517	-149,820	-0,481	2,818	8,718	-0,066	46,667	0,187	-149,820	0,000	-0,481	0,000	0,000	2,818
	12433	5	4,500	-19,799	-148,450	-0,498	2,679	8,856	-0,055	46,667	0,190	-148,450	0,000	-0,498	0,000	0,000	2,679
EmbeddedBeamRow_1_1	12433	1	4,500	-19,799	-148,448	-0,498	2,679	8,857	-0,055	46,667	0,190	-148,448	0,000	-0,498	0,000	0,000	2,679
Element 1-15 (Embedded beam row)	12434	2	4,500	-20,084	-147,025	-0,512	2,536	9,000	-0,041	46,667	0,193	-147,025	0,000	-0,512	0,000	0,000	2,536
(palo 1500)	12435	3	4,500	-20,369	-145,559	-0,521	2,388	9,148	-0,025	46,667	0,196	-145,559	0,000	-0,521	0,000	0,000	2,388
	12436	4	4,500	-20,654	-144,050	-0,526	2,239	9,301	-0,008	46,667	0,199	-144,050	0,000	-0,526	0,000	0,000	2,239
	12437	5	4,500	-20,939	-142,498	-0,526	2,089	9,460	0,011	46,667	0,203	-142,498	0,000	-0,526	0,000	0,000	2,089
EmbeddedBeamRow_1_1	12437	1	4,500	-20,939	-142,496	-0,526	2,089	9,460	0,011	46,667	0,203	-142,496	0,000	-0,526	0,000	0,000	2,089
Element 1-16 (Embedded beam row)	12438	2	4,500	-21,226	-140,883	-0,519	1,939	9,627	0,031	46,667	0,206	-140,883	0,000	-0,519	0,000	0,000	1,939
(palo 1500)	12439	3	4,500	-21,514	-139,219	-0,508	1,791	9,799	0,050	46,667	0,210	-139,219	0,000	-0,508	0,000	0,000	1,791
	12440	4	4,500	-21,801	-137,505	-0,491	1,647	9,978	0,067	46,667	0,214	-137,505	0,000	-0,491	0,000	0,000	1,647
	12441	5	4,500	-22,089	-135,741	-0,469	1,509	10,162	0,082	46,667	0,218	-135,741	0,000	-0,469	0,000	0,000	1,509
EmbeddedBeamRow_1_1	12441	1	4,500	-22,089	-135,739	-0,470	1,509	10,162	0,082	46,667	0,218	-135,739	0,000	-0,470	0,000	0,000	1,509
Element 1-17 (Embedded beam row)	12442	2	4,500	-22,379	-133,904	-0,444	1,377	10,352	0,093	46,667	0,222	-133,904	0,000	-0,444	0,000	0,000	1,377
(palo 1500)	12443	3	4,500	-22,669	-132,011	-0,416	1,252	10,547	0,101	46,667	0,226	-132,011	0,000	-0,416	0,000	0,000	1,252
	12444	4	4,500	-22,959	-130,061	-0,386	1,135	10,748	0,106	46,667	0,230	-130,061	0,000	-0,386	0,000	0,000	1,135
	12445	5	4,500	-23,249	-128,054	-0,354	1,028	10,956	0,108	46,667	0,235	-128,054	0,000	-0,354	0,000	0,000	1,028
EmbeddedBeamRow_1_1	12445	1	4,500	-23,249	-128,051	-0,355	1,028	10,955	0,108	46,667	0,235	-128,051	0,000	-0,355	0,000	0,000	1,028
Element 1-18 (Embedded beam row)	12446	2	4,500	-23,542	-125,964	-0,323	0,929	11,169	0,107	46,667	0,239	-125,964	0,000	-0,323	0,000	0,000	0,929
(palo 1500)	12447	3	4,500	-23,835	-123,810	-0,292	0,839	11,391	0,103	46,667	0,244	-123,810	0,000	-0,292	0,000	0,000	0,839
	12448	4	4,500	-24,128	-121,590	-0,263	0,758	11,620	0,096	46,667	0,249	-121,590	0,000	-0,263	0,000	0,000	0,758
	12449	5	4,500	-24,421	-119,305	-0,236	0,685	11,855	0,087	46,667	0,254	-119,305	0,000	-0,236	0,000	0,000	0,685
EmbeddedBeamRow_1_1	12449	1	4,500	-24,421	-119,303	-0,236	0,685	11,857	0,087	46,667	0,254	-119,303	0,000	-0,236	0,000	0,000	0,685
Element 1-19 (Embedded beam row)	12450	2	4,500	-24,716	-116,926	-0,212	0,619	12,096	0,076	46,667	0,259	-116,926	0,000	-0,212	0,000	0,000	0,619
(palo 1500)	12451	3	4,500	-25,012	-114,476	-0,191	0,559	12,337	0,064	46,667	0,264	-114,476	0,000	-0,191	0,000	0,000	0,559
	12452	4	4,500	-25,307	-111,953	-0,174	0,505	12,581	0,052	46,667	0,270	-111,953	0,000	-0,174	0,000	0,000	0,505
	12453	5	4,500	-25,603	-109,361	-0,160	0,456	12,824	0,041	46,667	0,275	-109,361	0,000	-0,160	0,000	0,000	0,456
EmbeddedBeamRow_1_1	12453	1	4,500	-25,603	-109,361	-0,160	0,456	12,824	0,041	46,667	0,275	-109,361	0,000	-0,160	0,000	0,000	0,456
Element 1-20 (Embedded beam row)	12454	2	4,500	-25,901	-106,671	-0,150	0,410	13,066	0,029	46,667	0,280	-106,671	0,000	-0,150	0,000	0,000	0,410
(palo 1500)	12455	3	4,500	-26,199	-103,909	-0,143	0,367	13,304	0,019	46,667	0,285	-103,909	0,000	-0,143	0,000	0,000	0,367
	12456	4	4,500	-26,498	-101,077	-0,138	0,325	13,535	0,009	46,667	0,290	-101,077	0,000	-0,138	0,000	0,000	0,325
	12457	5	4,500	-26,796	-98,178	-0,137	0,284	13,753	0,001	46,667	0,295	-98,178	0,000	-0,137	0,000	0,000	0,284
EmbeddedBeamRow_1_1	12457	1	4,500	-26,796	-98,184	-0,137	0,284	13,751	0,001	46,667	0,295	-98,184	0,000	-0,137	0,000	0,000	0,284
Element 1-21 (Embedded beam row)	12458	2	4,500	-27,097	-95,188	-0,138	0,242	13,951	-0,007	46,667	0,299	-95,188	0,000	-0,138	0,000	0,000	0,242
(palo 1500)	12459	3	4,500	-27,398	-92,148	-0,141	0,200	14,111	-0,010	46,667	0,302	-92,148	0,000	-0,141	0,000	0,000	0,200
	12460	4	4,500	-27,699	-89,070	-0,144	0,158	14,202	-0,012	46,667	0,304	-89,070	0,000	-0,144	0,000	0,000	0,158

Structural element	Node [10⁻³]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
	12461	5	4,500	-28,000	-85,961	-0,148	0,114	14,189	-0,015	46,667	0,304	-85,961	0,000	-0,148	0,000	0,000	0,114
EmbeddedBeamRow_1_1	12461	1	4,500	-28,000	-86,013	-0,144	0,114	14,187	-0,015	46,667	0,304	-86,013	0,000	-0,144	0,000	0,000	0,114
Element 1-22 (Embedded beam row)	12462	2	4,500	-28,223	-83,673	-0,151	0,081	14,091	0,010	46,667	0,302	-83,673	0,000	-0,151	0,000	0,000	0,081
(palo 1500)	12463	3	4,500	-28,445	-81,478	-0,143	0,047	13,629	0,034	46,667	0,292	-81,478	0,000	-0,143	0,000	0,000	0,047
	12464	4	4,500	-28,668	-79,461	-0,112	0,019	12,484	0,214	46,667	0,268	-79,461	0,000	-0,112	0,000	0,000	0,019
	12465	5	4,500	-28,890	-77,657	-0,051	0,000	10,365	1,073	46,667	0,222	-77,657	0,000	-0,051	0,000	0,000	0,000
EmbeddedBeamRow_2_1	12466	1	12,300	-4,890	-159,734	-3,413	24,115	0,000	0,000	46,667	0,000	-159,734	0,000	-3,413	0,000	0,000	24,115
Element 2-23 (Embedded beam row)	12467	2	12,300	-5,172	-160,785	-3,297	23,168	0,324	0,410	46,667	0,007	-160,785	0,000	-3,297	0,000	0,000	23,168
(palo 1500)	12468	3	12,300	-5,454	-161,765	-3,180	22,254	0,608	0,432	46,667	0,013	-161,765	0,000	-3,180	0,000	0,000	22,254
	12469	4	12,300	-5,737	-162,681	-3,066	21,373	0,781	0,388	46,667	0,017	-162,681	0,000	-3,066	0,000	0,000	21,373
	12470	5	12,300	-6,019	-163,538	-2,959	20,523	0,902	0,332	46,667	0,019	-163,538	0,000	-2,959	0,000	0,000	20,523
EmbeddedBeamRow_2_1	12470	1	12,300	-6,019	-163,548	-2,963	20,523	0,902	0,332	46,667	0,019	-163,548	0,000	-2,963	0,000	0,000	20,523
Element 2-24 (Embedded beam row)	12471	2	12,300	-6,267	-164,282	-2,887	19,798	1,012	0,270	46,667	0,022	-164,282	0,000	-2,887	0,000	0,000	19,798
(palo 1500)	12472	3	12,300	-6,515	-164,994	-2,829	19,089	1,108	0,201	46,667	0,024	-164,994	0,000	-2,829	0,000	0,000	19,089
	12473	4	12,300	-6,763	-165,682	-2,789	18,392	1,195	0,123	46,667	0,026	-165,682	0,000	-2,789	0,000	0,000	18,392
	12474	5	12,300	-7,011	-166,349	-2,768	17,704	1,278	0,035	46,667	0,027	-166,349	0,000	-2,768	0,000	0,000	17,704
EmbeddedBeamRow_2_1	12474	1	12,300	-7,011	-166,350	-2,770	17,704	0,716	0,014	46,667	0,015	-166,350	0,000	-2,770	0,000	0,000	17,704
Element 2-25 (Embedded beam row)	12475	2	12,300	-7,261	-167,129	-2,764	17,012	0,895	0,024	46,667	0,019	-167,129	0,000	-2,764	0,000	0,000	17,012
(palo 1500)	12476	3	12,300	-7,511	-167,866	-2,758	16,322	1,066	0,025	46,667	0,023	-167,866	0,000	-2,758	0,000	0,000	16,322
	12477	4	12,300	-7,761	-168,561	-2,752	15,633	1,232	0,019	46,667	0,026	-168,561	0,000	-2,752	0,000	0,000	15,633
	12478	5	12,300	-8,011	-169,213	-2,748	14,945	1,394	0,004	46,667	0,030	-169,213	0,000	-2,748	0,000	0,000	14,945
EmbeddedBeamRow_2_1	12478	1	12,300	-8,011	-169,215	-2,748	14,945	1,393	0,004	46,667	0,030	-169,215	0,000	-2,748	0,000	0,000	14,945
Element 2-26 (Embedded beam row)	12479	2	12,300	-8,261	-169,828	-2,751	14,258	1,539	-0,017	46,667	0,033	-169,828	0,000	-2,751	0,000	0,000	14,258
(palo 1500)	12480	3	12,300	-8,511	-170,409	-2,757	13,570	1,674	-0,034	46,667	0,036	-170,409	0,000	-2,757	0,000	0,000	13,570
	12481	4	12,300	-8,761	-170,957	-2,767	12,879	1,801	-0,045	46,667	0,039	-170,957	0,000	-2,767	0,000	0,000	12,879
	12482	5	12,300	-9,011	-171,472	-2,780	12,186	1,921	-0,050	46,667	0,041	-171,472	0,000	-2,780	0,000	0,000	12,186
EmbeddedBeamRow_2_1	12482	1	12,300	-9,011	-171,473	-2,779	12,186	1,923	-0,050	46,667	0,041	-171,473	0,000	-2,779	0,000	0,000	12,186
Element 2-27 (Embedded beam row)	12483	2	12,300	-9,261	-171,960	-2,792	11,490	2,033	-0,049	46,667	0,044	-171,960	0,000	-2,792	0,000	0,000	11,490
(palo 1500)	12484	3	12,300	-9,511	-172,420	-2,803	10,790	2,141	-0,043	46,667	0,046	-172,420	0,000	-2,803	0,000	0,000	10,790
	12485	4	12,300	-9,761	-172,853	-2,812	10,088	2,248	-0,031	46,667	0,048	-172,853	0,000	-2,812	0,000	0,000	10,088
	12486	5	12,300	-10,011	-173,259	-2,819	9,384	2,350	-0,013	46,667	0,050	-173,259	0,000	-2,819	0,000	0,000	9,384
EmbeddedBeamRow_2_1	12486	1	12,300	-10,011	-173,260	-2,818	9,384	2,351	-0,013	46,667	0,050	-173,260	0,000	-2,818	0,000	0,000	9,384
Element 2-28 (Embedded beam row)	12487	2	12,300	-10,261	-173,641	-2,819	8,680	2,450	0,011	46,667	0,052	-173,641	0,000	-2,819	0,000	0,000	8,680
(palo 1500)	12488	3	12,300	-10,511	-173,998	-2,812	7,975	2,549	0,041	46,667	0,055	-173,998	0,000	-2,812	0,000	0,000	7,975
	12489	4	12,300	-10,761	-174,331	-2,797	7,274	2,647	0,077	46,667	0,057	-174,331	0,000	-2,797	0,000	0,000	7,274
	12490	5	12,300	-11,011	-174,638	-2,774	6,577	2,744	0,118	46,667	0,059	-174,638	0,000	-2,774	0,000	0,000	6,577

Structural element	Node [10⁻]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- [kN/m/m]	T---	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
EmbeddedBeamRow_2_1	12490	1	12,300	-11,011	-174,638	-2,772	6,577	2,745	0,118	46,667	0,059	-174,638	0,000	-2,772	0,000	0,000	6,577
Element 2-29 (Embedded beam row)	12491	2	12,300	-11,261	-174,922	-2,738	5,889	2,841	0,168	46,667	0,061	-174,922	0,000	-2,738	0,000	0,000	5,889
(palo 1500)	12492	3	12,300	-11,511	-175,181	-2,689	5,210	2,941	0,224	46,667	0,063	-175,181	0,000	-2,689	0,000	0,000	5,210
	12493	4	12,300	-11,761	-175,415	-2,624	4,545	3,047	0,293	46,667	0,065	-175,415	0,000	-2,624	0,000	0,000	4,545
	12494	5	12,300	-12,011	-175,622	-2,543	3,899	3,156	0,392	46,667	0,068	-175,622	0,000	-2,543	0,000	0,000	3,899
EmbeddedBeamRow_2_1	12494	1	12,300	-12,011	-175,620	-2,542	3,899	4,891	0,607	46,667	0,105	-175,620	0,000	-2,542	0,000	0,000	3,899
Element 2-30 (Embedded beam row)	12495	2	12,300	-12,279	-175,354	-2,377	3,242	4,967	0,599	46,667	0,106	-175,354	0,000	-2,377	0,000	0,000	3,242
(palo 1500)	12496	3	12,300	-12,546	-175,064	-2,221	2,627	5,055	0,570	46,667	0,108	-175,064	0,000	-2,221	0,000	0,000	2,627
	12497	4	12,300	-12,814	-174,750	-2,074	2,052	5,144	0,534	46,667	0,110	-174,750	0,000	-2,074	0,000	-0,117	2,052
	12498	5	12,300	-13,081	-174,413	-1,936	1,517	5,233	0,495	46,667	0,112	-174,413	0,000	-1,936	0,000	-0,315	1,517
EmbeddedBeamRow_2_1	12498	1	12,300	-13,081	-174,412	-1,936	1,517	5,233	0,495	46,667	0,112	-174,412	0,000	-1,936	0,000	-0,315	1,517
Element 2-31 (Embedded beam row)	12499	2	12,300	-13,351	-174,048	-1,808	1,011	5,324	0,455	46,667	0,114	-174,048	0,000	-1,808	0,000	-0,495	1,011
(palo 1500)	12500	3	12,300	-13,621	-173,658	-1,690	0,539	5,417	0,415	46,667	0,116	-173,658	0,000	-1,690	0,000	-0,657	0,539
	12501	4	12,300	-13,891	-173,243	-1,583	0,097	5,511	0,375	46,667	0,118	-173,243	0,000	-1,583	0,000	-0,804	0,097
	12502	5	12,300	-14,162	-172,802	-1,488	-0,317	5,608	0,336	46,667	0,120	-172,802	0,000	-1,488	0,000	-0,935	0,000
EmbeddedBeamRow_2_1	12502	1	12,300	-14,162	-172,801	-1,487	-0,317	5,608	0,336	46,667	0,120	-172,801	0,000	-1,487	0,000	-0,935	0,000
Element 2-32 (Embedded beam row)	12503	2	12,300	-14,434	-172,330	-1,401	-0,711	5,708	0,299	46,667	0,122	-172,330	0,000	-1,401	0,000	-1,055	0,000
(palo 1500)	12504	3	12,300	-14,707	-171,830	-1,324	-1,083	5,810	0,263	46,667	0,124	-171,830	0,000	-1,324	0,000	-1,162	0,000
	12505	4	12,300	-14,980	-171,302	-1,257	-1,435	5,914	0,230	46,667	0,127	-171,302	0,000	-1,257	0,000	-1,460	0,000
	12506	5	12,300	-15,253	-170,746	-1,199	-1,770	6,020	0,199	46,667	0,129	-170,746	0,000	-1,199	0,000	-1,770	0,000
EmbeddedBeamRow_2_1	12506	1	12,300	-15,253	-170,745	-1,198	-1,770	6,021	0,199	46,667	0,129	-170,745	0,000	-1,198	0,000	-1,770	0,000
Element 2-33 (Embedded beam row)	12507	2	12,300	-15,528	-170,154	-1,148	-2,093	6,132	0,171	46,667	0,131	-170,154	0,000	-1,148	0,000	-2,093	0,000
(palo 1500)	12508	3	12,300	-15,804	-169,530	-1,104	-2,403	6,246	0,148	46,667	0,134	-169,530	0,000	-1,104	0,000	-2,403	0,000
	12509	4	12,300	-16,079	-168,875	-1,066	-2,702	6,363	0,128	46,667	0,136	-168,875	0,000	-1,066	0,000	-2,702	0,000
	12510	5	12,300	-16,355	-168,188	-1,034	-2,991	6,484	0,113	46,667	0,139	-168,188	0,000	-1,034	0,000	-2,991	0,000
EmbeddedBeamRow_2_1	12510	1	12,300	-16,355	-168,187	-1,032	-2,991	6,484	0,113	46,667	0,139	-168,187	0,000	-1,032	0,000	-2,991	0,000
Element 2-34 (Embedded beam row)	12511	2	12,300	-16,633	-167,459	-1,004	-3,274	6,611	0,103	46,667	0,142	-167,459	0,000	-1,004	0,000	-3,274	0,000
(palo 1500)	12512	3	12,300	-16,912	-166,693	-0,975	-3,549	6,742	0,099	46,667	0,144	-166,693	0,000	-0,975	0,000	-3,549	0,000
	12513	4	12,300	-17,190	-165,890	-0,947	-3,817	6,879	0,101	46,667	0,147	-165,890	0,000	-0,947	0,000	-3,817	0,000
	12514	5	12,300	-17,468	-165,051	-0,919	-4,077	7,021	0,110	46,667	0,150	-165,051	0,000	-0,919	0,000	-4,077	0,000
EmbeddedBeamRow_2_1	12514	1	12,300	-17,468	-165,049	-0,918	-4,077	7,021	0,110	46,667	0,150	-165,049	0,000	-0,918	0,000	-4,077	0,000
Element 2-35 (Embedded beam row)	12515	2	12,300	-17,749	-164,160	-0,886	-4,330	7,170	0,127	46,667	0,154	-164,160	0,000	-0,886	0,000	-4,330	0,000
(palo 1500)	12516	3	12,300	-18,030	-163,226	-0,847	-4,574	7,327	0,152	46,667	0,157	-163,226	0,000	-0,847	0,000	-4,574	0,000
	12517	4	12,300	-18,311	-162,247	-0,799	-4,806	7,492	0,188	46,667	0,161	-162,247	0,000	-0,799	0,000	-4,806	0,000
	12518	5	12,300	-18,593	-161,222	-0,741	-5,022	7,666	0,234	46,667	0,164	-161,222	0,000	-0,741	0,000	-5,022	0,000
EmbeddedBeamRow_2_1	12518	1	12,300	-18,593	-161,219	-0,740	-5,022	7,666	0,234	46,667	0,164	-161,219	0,000	-0,740	0,000	-5,022	0,000

Structural element	Node [10⁻¹]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
Element 2-36 (Embedded beam row)	12519	2	12,300	-18,876	-160,134	-0,666	-5,222	7,855	0,293	46,667	0,168	-160,134	0,000	-0,666	0,000	-5,222	0,000
(palo 1500)	12520	3	12,300	-19,160	-158,990	-0,573	-5,398	8,057	0,361	46,667	0,173	-158,990	0,000	-0,573	0,000	-5,398	0,000
	12521	4	12,300	-19,444	-157,786	-0,462	-5,546	8,270	0,421	46,667	0,177	-157,786	0,000	-0,462	0,031	-5,546	0,000
	12522	5	12,300	-19,728	-156,524	-0,333	-5,659	8,493	0,468	46,667	0,182	-156,524	0,000	-0,333	0,076	-5,659	0,000
EmbeddedBeamRow_2_1	12522	1	12,300	-19,728	-156,522	-0,337	-5,659	8,493	0,468	46,667	0,182	-156,522	0,000	-0,337	0,074	-5,659	0,000
Element 2-37 (Embedded beam row)	12523	2	12,300	-20,015	-155,182	-0,195	-5,735	8,724	0,499	46,667	0,187	-155,182	0,000	-0,195	0,119	-5,735	0,000
(palo 1500)	12524	3	12,300	-20,301	-153,772	-0,050	-5,770	8,962	0,516	46,667	0,192	-153,772	0,000	-0,050	0,161	-5,770	0,000
	12525	4	12,300	-20,588	-152,293	0,098	-5,764	9,204	0,517	46,667	0,197	-152,293	0,000	0,000	0,199	-5,764	0,000
	12526	5	12,300	-20,875	-150,746	0,247	-5,714	9,452	0,506	46,667	0,203	-150,746	0,000	0,000	0,250	-5,714	0,000
EmbeddedBeamRow_2_1	12526	1	12,300	-20,875	-150,744	0,244	-5,714	9,451	0,506	46,667	0,203	-150,744	0,000	0,000	0,247	-5,714	0,000
Element 2-38 (Embedded beam row)	12527	2	12,300	-21,164	-149,109	0,389	-5,622	9,706	0,484	46,667	0,208	-149,109	0,000	0,000	0,389	-5,622	0,000
(palo 1500)	12528	3	12,300	-21,454	-147,398	0,525	-5,490	9,965	0,453	46,667	0,214	-147,398	0,000	0,000	0,525	-5,490	0,000
	12529	4	12,300	-21,744	-145,611	0,650	-5,319	10,227	0,413	46,667	0,219	-145,611	0,000	0,000	0,650	-5,319	0,000
	12530	5	12,300	-22,033	-143,750	0,764	-5,114	10,492	0,367	46,667	0,225	-143,750	0,000	0,000	0,764	-5,114	0,000
EmbeddedBeamRow_2_1	12530	1	12,300	-22,033	-143,748	0,763	-5,114	10,492	0,367	46,667	0,225	-143,748	0,000	0,000	0,763	-5,114	0,000
Element 2-39 (Embedded beam row)	12531	2	12,300	-22,326	-141,790	0,863	-4,876	10,762	0,316	46,667	0,231	-141,790	0,000	0,000	0,863	-4,876	0,000
(palo 1500)	12532	3	12,300	-22,618	-139,751	0,948	-4,611	11,034	0,263	46,667	0,236	-139,751	0,000	0,000	0,948	-4,611	0,000
	12533	4	12,300	-22,910	-137,632	1,017	-4,323	11,307	0,209	46,667	0,242	-137,632	0,000	0,000	1,017	-4,323	0,000
	12534	5	12,300	-23,203	-135,435	1,070	-4,017	11,583	0,155	46,667	0,248	-135,435	0,000	0,000	1,070	-4,017	0,000
EmbeddedBeamRow_2_1	12534	1	12,300	-23,203	-135,434	1,070	-4,017	11,583	0,155	46,667	0,248	-135,434	0,000	0,000	1,070	-4,017	0,000
Element 2-40 (Embedded beam row)	12535	2	12,300	-23,498	-133,133	1,108	-3,695	11,861	0,101	46,667	0,254	-133,133	0,000	0,000	1,108	-3,695	0,000
(palo 1500)	12536	3	12,300	-23,794	-130,747	1,130	-3,365	12,140	0,049	46,667	0,260	-130,747	0,000	0,000	1,130	-3,365	0,000
	12537	4	12,300	-24,089	-128,280	1,137	-3,029	12,419	-0,002	46,667	0,266	-128,280	0,000	0,000	1,137	-3,029	0,000
	12538	5	12,300	-24,384	-125,731	1,129	-2,694	12,698	-0,050	46,667	0,272	-125,731	0,000	0,000	1,129	-2,694	0,000
EmbeddedBeamRow_2_1	12538	1	12,300	-24,384	-125,730	1,130	-2,694	12,698	-0,050	46,667	0,272	-125,730	0,000	0,000	1,130	-2,694	0,000
Element 2-41 (Embedded beam row)	12539	2	12,300	-24,683	-123,073	1,107	-2,360	12,978	-0,096	46,667	0,278	-123,073	0,000	0,000	1,107	-2,360	0,000
(palo 1500)	12540	3	12,300	-24,981	-120,331	1,072	-2,035	13,256	-0,141	46,667	0,284	-120,331	0,000	0,000	1,072	-2,035	0,000
	12541	4	12,300	-25,279	-117,506	1,024	-1,722	13,532	-0,183	46,667	0,290	-117,506	0,000	0,000	1,024	-1,722	0,000
	12542	5	12,300	-25,578	-114,601	0,963	-1,425	13,803	-0,223	46,667	0,296	-114,601	0,000	0,000	0,963	-1,425	0,000
EmbeddedBeamRow_2_1	12542	1	12,300	-25,578	-114,601	0,964	-1,425	13,803	-0,223	46,667	0,296	-114,601	0,000	0,000	0,964	-1,425	0,000
Element 2-42 (Embedded beam row)	12543	2	12,300	-25,879	-111,585	0,890	-1,146	14,069	-0,261	46,667	0,301	-111,585	0,000	0,000	0,890	-1,146	0,000
(palo 1500)	12544	3	12,300	-26,180	-108,490	0,806	-0,890	14,327	-0,296	46,667	0,307	-108,490	0,000	0,000	0,806	-0,890	0,000
	12545	4	12,300	-26,482	-105,319	0,712	-0,661	14,573	-0,329	46,667	0,312	-105,319	0,000	0,000	0,712	-0,661	0,000
	12546	5	12,300	-26,783	-102,076	0,608	-0,462	14,800	-0,357	46,667	0,317	-102,076	0,000	0,000	0,608	-0,462	0,000
EmbeddedBeamRow_2_1	12546	1	12,300	-26,783	-102,082	0,610	-0,462	14,798	-0,357	46,667	0,317	-102,082	0,000	0,000	0,610	-0,462	0,000
Element 2-43 (Embedded beam row)	12547	2	12,300	-27,087	-98,735	0,496	-0,293	15,003	-0,378	46,667	0,322	-98,735	0,000	0,000	0,496	-0,293	0,000

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N-- [kN/m]	N--- [kN/m]	Q-- [kN/m]	Q--- [kN/m]	M-- [kN m/m]	M--- [kN m/m]
(palo 1500)	12548	3	12,300	-27,391	-95,341	0,379	-0,160	15,167	-0,389	46,667	0,325	-95,341	0,000	0,000	0,379	-0,162	0,000
	12549	4	12,300	-27,696	-91,907	0,262	-0,062	15,265	-0,387	46,667	0,327	-91,907	0,000	0,000	0,262	-0,070	0,000
	12550	5	12,300	-28,000	-88,440	0,143	-0,001	15,264	-0,390	46,667	0,327	-88,440	0,000	0,000	0,143	-0,013	0,000
EmbeddedBeamRow_2_1	12550	1	12,300	-28,000	-88,502	0,150	-0,001	15,261	-0,390	46,667	0,327	-88,502	0,000	0,000	0,150	-0,013	0,000
Element 2-44 (Embedded beam row)	12551	2	12,300	-28,223	-85,905	0,054	0,022	15,174	-0,374	46,667	0,325	-85,905	0,000	0,000	0,063	-0,004	0,022
(palo 1500)	12552	3	12,300	-28,445	-83,482	-0,021	0,025	14,625	-0,339	46,667	0,313	-83,482	0,000	-0,021	0,013	0,000	0,025
	12553	4	12,300	-28,668	-81,277	-0,063	0,015	13,212	-0,082	46,667	0,283	-81,277	0,000	-0,063	0,000	0,000	0,015
	12554	5	12,300	-28,890	-79,334	-0,061	0,000	10,592	0,985	46,667	0,227	-79,334	0,000	-0,061	0,000	0,000	0,000

3.3.2.1.9 Calculation results, Embedded beam row, carico orizzontale [Phase_3] (3/53), Table of embedded pile row force envelopes

Structural element	Node [10 ˚]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T--- [kN/m/m]	T---,--- [kN/m/m]	T---,---	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
EmbeddedBeamRow_1_1	12377	1	4,500	-4,890	-135,047	0,615	23,167	0,000	0,000	46,667	0,000	-160,799	0,000	0,000	4,668	-20,579	23,167
Element 1-1 (Embedded beam row)	12378	2	4,500	-5,181	-136,120	0,183	23,282	0,411	-1,415	46,667	0,009	-161,872	0,000	0,000	4,563	-19,238	23,282
(palo 1500)	12379	3	4,500	-5,471	-137,089	-0,209	23,277	0,793	-1,298	46,667	0,017	-162,891	0,000	-0,209	4,457	-17,927	23,277
	12380	4	4,500	-5,762	-137,959	-0,558	23,164	1,096	-1,112	46,667	0,023	-163,858	0,000	-0,558	4,353	-16,646	23,164
	12381	5	4,500	-6,053	-138,733	-0,858	22,957	1,345	-1,211	46,667	0,029	-164,778	0,000	-0,858	4,255	-15,395	22,957
EmbeddedBeamRow_1_1	12381	1	4,500	-6,053	-138,745	-0,881	22,957	0,859	-0,797	46,667	0,018	-164,783	0,000	-0,881	4,257	-15,395	22,957
Element 1-2 (Embedded beam row)	12382	2	4,500	-6,303	-139,465	-1,119	22,709	1,180	-1,098	46,667	0,025	-165,625	0,000	-1,119	4,202	-14,338	22,709
(palo 1500)	12383	3	4,500	-6,553	-140,118	-1,430	22,392	1,461	-1,398	46,667	0,031	-166,426	0,000	-1,430	4,133	-13,296	22,392
	12384	4	4,500	-6,803	-140,704	-1,813	21,988	1,708	-1,671	46,667	0,037	-167,184	0,000	-1,813	4,052	-12,277	21,988
	12385	5	4,500	-7,053	-141,226	-2,266	21,479	1,928	-1,906	46,667	0,041	-167,901	0,000	-2,266	3,959	-11,303	21,479
EmbeddedBeamRow_1_1	12385	1	4,500	-7,053	-141,231	-2,257	21,479	1,928	-1,906	46,667	0,041	-167,902	0,000	-2,257	3,960	-11,303	21,479
Element 1-3 (Embedded beam row)	12386	2	4,500	-7,303	-141,704	-2,765	20,853	2,119	-2,090	46,667	0,045	-168,579	0,000	-2,765	3,858	-10,353	20,853
(palo 1500)	12387	3	4,500	-7,553	-142,134	-3,303	20,094	2,297	-2,224	46,667	0,049	-169,220	0,000	-3,303	3,749	-9,427	20,094
	12388	4	4,500	-7,803	-142,521	-3,868	19,198	2,466	-2,306	46,667	0,053	-169,823	0,000	-3,868	3,634	-8,529	19,198
	12389	5	4,500	-8,053	-142,865	-4,457	18,158	2,630	-2,336	46,667	0,056	-170,389	0,000	-4,457	3,513	-7,659	18,158
EmbeddedBeamRow_1_1	12389	1	4,500	-8,053	-142,865	-4,447	18,158	2,632	-2,337	46,667	0,056	-170,390	0,000	-4,447	3,514	-7,659	18,158
Element 1-4 (Embedded beam row)	12390	2	4,500	-8,303	-143,169	-5,036	16,973	2,793	-2,313	46,667	0,060	-170,919	0,000	-5,036	3,389	-6,819	16,973
(palo 1500)	12391	3	4,500	-8,553	-143,432	-5,605	15,642	2,958	-2,246	46,667	0,063	-171,415	0,000	-5,605	3,261	-6,008	15,642
	12392	4	4,500	-8,803	-143,653	-6,152	14,172	3,131	-2,139	46,667	0,067	-171,877	0,000	-6,152	3,131	-5,229	14,172
	12393	5	4,500	-9,053	-143,831	-6,675	12,568	3,309	-1,998	46,667	0,071	-172,304	0,000	-6,675	2,999	-4,482	12,568
EmbeddedBeamRow_1_1	12393	1	4,500	-9,053	-143,829	-6,670	12,568	3,309	-1,998	46,667	0,071	-172,305	0,000	-6,670	3,000	-4,482	12,568
Element 1-5 (Embedded beam row)	12394	2	4,500	-9,303	-143,962	-7,151	10,840	3,491	-1,827	46,667	0,075	-172,699	0,000	-7,151	2,867	-3,766	10,840
(palo 1500)	12395	3	4,500	-9,553	-144,047	-7,583	8,997	3,681	-1,636	46,667	0,079	-173,064	0,000	-7,583	2,734	-3,082	8,997
	12396	4	4,500	-9,803	-144,084	-7,966	7,052	3,878	-1,429	46,667	0,083	-173,397	0,000	-7,966	2,601	-2,430	7,052
	12397	5	4,500	-10,053	-144,072	-8,298	5,018	4,082	-1,213	46,667	0,087	-173,700	0,000	-8,298	2,468	-1,811	5,018
EmbeddedBeamRow_1_1	12397	1	4,500	-10,053	-144,070	-8,297	5,018	4,082	-1,213	46,667	0,087	-173,700	0,000	-8,297	2,468	-1,811	5,018
Element 1-6 (Embedded beam row)	12398	2	4,500	-10,303	-144,007	-8,573	2,909	4,292	-0,993	46,667	0,092	-173,974	0,000	-8,573	2,335	-1,299	2,909
(palo 1500)	12399	3	4,500	-10,553	-143,888	-8,794	0,736	4,511	-0,771	46,667	0,097	-174,219	0,000	-8,794	2,203	-1,855	0,736
	12400	4	4,500	-10,803	-143,713	-8,959	-1,485	4,742	-0,552	46,667	0,102	-174,433	0,000	-8,959	2,070	-2,853	0,170
	12401	5	4,500	-11,053	-143,481	-9,070	-3,739	4,978	-0,328	46,667	0,107	-174,618	0,000	-9,070	1,936	-4,196	0,670
EmbeddedBeamRow_1_1	12401	1	4,500	-11,053	-143,478	-9,073	-3,739	7,757	-0,520	46,667	0,166	-174,617	0,000	-9,073	1,936	-4,196	0,670
Element 1-7 (Embedded beam row)	12402	2	4,500	-11,317	-142,438	-9,157	-6,152	7,981	-0,158	46,667	0,171	-174,297	0,000	-9,157	1,725	-6,152	1,154

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N -- - [kN/m]	N --- [kN/m]	Q - - - [kN/m]	Q --- [kN/m]	M - - - [kN m/m]	M --- [kN m/m]
(palo 1500)	12403	3	4,500	-11,582	-141,334	-9,156	-8,577	8,220	0,165	46,667	0,176	-173,950	0,000	-9,156	1,531	-8,577	1,585
	12404	4	4,500	-11,847	-140,165	-9,075	-10,992	8,463	0,457	46,667	0,181	-173,575	0,000	-9,075	1,352	-10,992	1,966
	12405	5	4,500	-12,111	-138,934	-8,914	-13,373	8,706	0,720	46,667	0,187	-173,171	0,000	-8,914	1,188	-13,373	2,302
EmbeddedBeamRow_1_1	12405	1	4,500	-12,111	-138,933	-8,920	-13,373	8,706	0,720	46,667	0,187	-173,171	0,000	-8,920	1,188	-13,373	2,302
Element 1-8 (Embedded beam row)	12406	2	4,500	-12,378	-137,624	-8,692	-15,725	8,950	0,952	46,667	0,192	-172,734	0,000	-8,692	1,037	-15,725	2,598
(palo 1500)	12407	3	4,500	-12,645	-136,251	-8,411	-18,010	9,190	1,155	46,667	0,197	-172,268	0,000	-8,411	0,898	-18,010	2,856
	12408	4	4,500	-12,912	-134,814	-8,081	-20,214	9,425	1,326	46,667	0,202	-171,771	0,000	-8,081	0,772	-20,214	3,079
	12409	5	4,500	-13,179	-133,314	-7,702	-22,322	9,654	1,468	46,667	0,207	-171,244	0,000	-7,702	0,657	-22,322	3,269
EmbeddedBeamRow_1_1	12409	1	4,500	-13,179	-133,316	-7,708	-22,322	9,654	1,468	46,667	0,207	-171,244	0,000	-7,708	0,656	-22,322	3,269
Element 1-9 (Embedded beam row)	12410	2	4,500	-13,449	-131,741	-7,293	-24,343	9,875	1,582	46,667	0,212	-170,682	0,000	-7,293	0,552	-24,343	3,432
(palo 1500)	12411	3	4,500	-13,718	-130,110	-6,855	-26,251	10,085	1,668	46,667	0,216	-170,088	0,000	-6,855	0,458	-26,251	3,568
	12412	4	4,500	-13,988	-128,423	-6,398	-28,038	10,285	1,730	46,667	0,220	-169,463	0,000	-6,398	0,374	-28,038	3,679
	12413	5	4,500	-14,258	-126,683	-5,922	-29,698	10,473	1,769	46,667	0,224	-168,809	0,000	-5,922	0,299	-29,698	3,767
EmbeddedBeamRow_1_1	12413	1	4,500	-14,258	-126,684	-5,927	-29,698	10,473	1,769	46,667	0,224	-168,808	0,000	-5,927	0,299	-29,698	3,767
Element 1-10 (Embedded beam row)	12414	2	4,500	-14,530	-124,878	-5,440	-31,243	10,650	1,789	46,667	0,228	-168,117	0,000	-5,440	0,230	-31,243	3,835
(palo 1500)	12415	3	4,500	-14,802	-123,027	-4,953	-32,657	10,815	1,790	46,667	0,232	-167,394	0,000	-4,953	0,167	-32,657	3,885
	12416	4	4,500	-15,074	-121,133	-4,469	-33,939	10,967	1,775	46,667	0,235	-166,641	0,000	-4,469	0,115	-33,939	3,916
	12417	5	4,500	-15,346	-119,197	-3,987	-35,088	11,106	1,746	46,667	0,238	-165,857	0,000	-3,987	0,088	-35,088	3,932
EmbeddedBeamRow_1_1	12417	1	4,500	-15,346	-119,199	-3,990	-35,088	11,107	1,747	46,667	0,238	-165,856	0,000	-3,990	0,087	-35,088	3,932
Element 1-11 (Embedded beam row)	12418	2	4,500	-15,620	-117,209	-3,514	-36,118	11,234	1,706	46,667	0,241	-165,034	0,000	-3,514	0,063	-36,118	3,933
(palo 1500)	12419	3	4,500	-15,895	-115,188	-3,053	-37,019	11,348	1,655	46,667	0,243	-164,179	0,000	-3,053	0,040	-37,019	3,920
	12420	4	4,500	-16,169	-113,137	-2,607	-37,796	11,448	1,597	46,667	0,245	-163,293	0,000	-2,607	0,019	-37,796	3,894
	12421	5	4,500	-16,444	-111,058	-2,176	-38,452	11,535	1,533	46,667	0,247	-162,375	0,000	-2,176	0,000	-38,452	3,856
EmbeddedBeamRow_1_1	12421	1	4,500	-16,444	-111,060	-2,177	-38,452	11,537	1,533	46,667	0,247	-162,375	0,000	-2,177	0,000	-38,452	3,856
Element 1-12 (Embedded beam row)	12422	2	4,500	-16,721	-108,940	-1,762	-38,997	11,612	1,464	46,667	0,249	-161,416	0,000	-1,762	0,000	-38,997	3,807
(palo 1500)	12423	3	4,500	-16,998	-106,802	-1,366	-39,430	11,672	1,394	46,667	0,250	-160,422	0,000	-1,366	0,000	-39,430	3,748
	12424	4	4,500	-17,275	-104,650	-0,989	-39,756	11,719	1,325	46,667	0,251	-159,396	0,000	-0,989	0,000	-39,756	3,678
	12425	5	4,500	-17,552	-102,485	-0,632	-39,980	11,753	1,257	46,667	0,252	-158,336	0,000	-0,632	0,000	-39,980	3,600
EmbeddedBeamRow_1_1	12425	1	4,500	-17,552	-102,487	-0,631	-39,980	11,753	1,257	46,667	0,252	-158,335	0,000	-0,631	0,000	-39,980	3,600
Element 1-13 (Embedded beam row)	12426	2	4,500	-17,832	-100,294	-0,289	-40,108	11,772	1,193	46,667	0,252	-157,232	0,000	-0,331	0,049	-40,108	3,511
(palo 1500)	12427	3	4,500	-18,111	-98,099	0,036	-40,143	11,778	1,134	46,667	0,252	-156,092	0,000	-0,360	0,178	-40,143	3,415
	12428	4	4,500	-18,391	-95,904	0,346	-40,090	11,772	1,081	46,667	0,252	-154,917	0,000	-0,388	0,347	-40,090	3,310
	12429	5	4,500	-18,671	-93,712	0,640	-39,951	11,754	1,035	46,667	0,252	-153,707	0,000	-0,414	0,640	-39,951	3,198
EmbeddedBeamRow_1_1	12429	1	4,500	-18,671	-93,713	0,643	-39,951	11,753	1,035	46,667	0,252	-153,706	0,000	-0,414	0,643	-39,951	3,198
Element 1-14 (Embedded beam row)	12430	2	4,500	-18,953	-91,508	0,928	-39,730	11,722	0,998	46,667	0,251	-152,449	0,000	-0,439	0,928	-39,730	3,078
(palo 1500)	12431	3	4,500	-19,235	-89,314	1,206	-39,428	11,680	0,970	46,667	0,250	-151,154	0,000	-0,461	1,206	-39,428	2,951

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N-- - [kN/m]	N--- [kN/m]	Q-- - [kN/m]	Q--- [kN/m]	M- - - [kN m/m]	M--- [kN m/m]
	12432	4	4,500	-19,517	-87,133	1,477	-39,050	11,628	0,951	46,667	0,249	-149,820	0,000	-0,481	1,477	-39,050	2,818
	12433	5	4,500	-19,799	-84,967	1,742	-38,595	11,569	0,941	46,667	0,248	-148,450	0,000	-0,498	1,742	-38,595	2,679
EmbeddedBeamRow_1_1	12433	1	4,500	-19,799	-84,968	1,744	-38,595	11,570	0,941	46,667	0,248	-148,448	0,000	-0,498	1,744	-38,595	2,679
Element 1-15 (Embedded beam row)	12434	2	4,500	-20,084	-82,800	2,011	-38,061	11,504	0,940	46,667	0,247	-147,025	0,000	-0,512	2,011	-38,061	2,536
(palo 1500)	12435	3	4,500	-20,369	-80,652	2,280	-37,449	11,433	0,946	46,667	0,245	-145,559	0,000	-0,521	2,280	-37,449	2,388
	12436	4	4,500	-20,654	-78,524	2,551	-36,761	11,357	0,957	46,667	0,243	-144,050	0,000	-0,526	2,551	-36,761	2,239
	12437	5	4,500	-20,939	-76,419	2,825	-35,996	11,279	0,972	46,667	0,242	-142,498	0,000	-0,526	2,825	-35,996	2,089
EmbeddedBeamRow_1_1	12437	1	4,500	-20,939	-76,419	2,825	-35,996	11,279	0,972	46,667	0,242	-142,496	0,000	-0,526	2,825	-35,996	2,089
Element 1-16 (Embedded beam row)	12438	2	4,500	-21,226	-74,317	3,107	-35,144	11,198	0,986	46,667	0,240	-140,883	0,000	-0,519	3,107	-35,144	1,939
(palo 1500)	12439	3	4,500	-21,514	-72,239	3,392	-34,209	11,114	0,998	46,667	0,238	-139,219	0,000	-0,508	3,392	-34,209	1,791
	12440	4	4,500	-21,801	-70,185	3,680	-33,193	11,026	1,004	46,667	0,236	-137,505	0,000	-0,491	3,680	-33,193	1,647
	12441	5	4,500	-22,089	-68,157	3,970	-32,094	10,934	1,002	46,667	0,234	-135,741	0,000	-0,469	3,970	-32,094	1,509
EmbeddedBeamRow_1_1	12441	1	4,500	-22,089	-68,158	3,967	-32,094	10,934	1,002	46,667	0,234	-135,739	0,000	-0,470	3,967	-32,094	1,509
Element 1-17 (Embedded beam row)	12442	2	4,500	-22,379	-66,139	4,258	-30,900	10,835	0,988	46,667	0,232	-133,904	0,000	-0,444	4,258	-30,900	1,377
(palo 1500)	12443	3	4,500	-22,669	-64,149	4,541	-29,623	10,731	0,961	46,667	0,230	-132,011	0,000	-0,416	4,541	-29,623	1,252
	12444	4	4,500	-22,959	-62,191	4,813	-28,266	10,621	0,920	46,667	0,228	-130,061	0,000	-0,386	4,813	-28,266	1,135
	12445	5	4,500	-23,249	-60,265	5,075	-26,832	10,506	0,864	46,667	0,225	-128,054	0,000	-0,354	5,075	-26,832	1,028
EmbeddedBeamRow_1_1	12445	1	4,500	-23,249	-60,266	5,071	-26,832	10,506	0,864	46,667	0,225	-128,051	0,000	-0,355	5,071	-26,832	1,028
Element 1-18 (Embedded beam row)	12446	2	4,500	-23,542	-58,357	5,317	-25,310	10,382	0,792	46,667	0,222	-125,964	0,000	-0,323	5,317	-25,310	0,929
(palo 1500)	12447	3	4,500	-23,835	-56,485	5,536	-23,720	10,254	0,704	46,667	0,220	-123,810	0,000	-0,292	5,536	-23,720	0,839
	12448	4	4,500	-24,128	-54,652	5,726	-22,070	10,122	0,598	46,667	0,217	-121,590	0,000	-0,263	5,726	-22,070	0,758
	12449	5	4,500	-24,421	-52,858	5,886	-20,370	9,983	0,473	46,667	0,214	-119,305	0,000	-0,236	5,886	-20,370	0,685
EmbeddedBeamRow_1_1	12449	1	4,500	-24,421	-52,859	5,882	-20,370	9,985	0,474	46,667	0,214	-119,303	0,000	-0,236	5,882	-20,370	0,685
Element 1-19 (Embedded beam row)	12450	2	4,500	-24,716	-51,090	6,004	-18,613	9,834	0,329	46,667	0,211	-116,926	0,000	-0,212	6,004	-18,613	0,619
(palo 1500)	12451	3	4,500	-25,012	-49,367	6,077	-16,826	9,674	0,167	46,667	0,207	-114,476	0,000	-0,191	6,077	-16,826	0,559
	12452	4	4,500	-25,307	-47,694	6,099	-15,025	9,505	-0,015	46,667	0,204	-111,953	0,000	-0,174	6,099	-15,025	0,505
	12453	5	4,500	-25,603	-46,071	6,069	-13,226	9,324	-0,216	46,667	0,200	-109,361	0,000	-0,160	6,069	-13,226	0,456
EmbeddedBeamRow_1_1	12453	1	4,500	-25,603	-46,073	6,063	-13,226	9,324	-0,216	46,667	0,200	-109,361	0,000	-0,160	6,063	-13,226	0,456
Element 1-20 (Embedded beam row)	12454	2	4,500	-25,901	-44,490	5,970	-11,430	9,128	-0,440	46,667	0,196	-106,671	0,000	-0,150	5,970	-11,430	0,410
(palo 1500)	12455	3	4,500	-26,199	-42,970	5,801	-9,673	8,918	-0,687	46,667	0,191	-103,909	0,000	-0,143	5,801	-9,673	0,367
	12456	4	4,500	-26,498	-41,516	5,555	-7,977	8,693	-0,958	46,667	0,186	-101,077	0,000	-0,138	5,555	-7,977	0,325
	12457	5	4,500	-26,796	-40,127	5,230	-6,367	8,451	-1,255	46,667	0,181	-98,178	0,000	-0,137	5,230	-6,367	0,284
EmbeddedBeamRow_1_1	12457	1	4,500	-26,796	-40,133	5,223	-6,367	8,453	-1,254	46,667	0,181	-98,184	0,000	-0,137	5,223	-6,367	0,284
Element 1-21 (Embedded beam row)	12458	2	4,500	-27,097	-38,805	4,802	-4,855	8,183	-1,583	46,667	0,175	-95,188	0,000	-0,138	4,802	-4,855	0,242
(palo 1500)	12459	3	4,500	-27,398	-37,570	4,271	-3,486	7,879	-1,939	46,667	0,169	-92,148	0,000	-0,141	4,271	-3,486	0,200
	12460	4	4,500	-27,699	-36,433	3,628	-2,294	7,534	-2,326	46,667	0,161	-89,070	0,000	-0,144	3,628	-2,294	0,158

Structural element	Node [10⁻³]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
	12461	5	4,500	-28,000	-35,398	2,872	-1,313	7,131	-2,749	46,667	0,153	-85,961	0,000	-0,148	2,872	-1,313	0,114
EmbeddedBeamRow_1_1	12461	1	4,500	-28,000	-35,420	2,872	-1,313	7,128	-2,749	46,667	0,153	-86,013	0,000	-0,144	2,872	-1,313	0,114
Element 1-22 (Embedded beam row)	12462	2	4,500	-28,223	-34,721	2,218	-0,746	6,772	-3,060	46,667	0,145	-83,673	0,000	-0,151	2,218	-0,746	0,081
(palo 1500)	12463	3	4,500	-28,445	-34,150	1,507	-0,331	6,268	-3,359	46,667	0,134	-81,478	0,000	-0,143	1,507	-0,331	0,047
	12464	4	4,500	-28,668	-33,718	0,749	-0,078	5,517	-3,489	46,667	0,118	-79,461	0,000	-0,112	0,749	-0,078	0,019
	12465	5	4,500	-28,890	-33,438	-0,048	0,000	4,462	-2,976	46,667	0,096	-77,657	0,000	-0,051	0,000	0,000	0,000
EmbeddedBeamRow_2_1	12466	1	12,300	-4,890	-161,594	-12,101	62,209	0,000	0,000	46,667	0,000	-161,995	0,000	-12,101	0,000	0,000	62,209
Element 2-23 (Embedded beam row)	12467	2	12,300	-5,172	-162,640	-11,871	58,826	0,382	0,827	46,667	0,008	-163,046	0,000	-11,871	0,000	0,000	58,826
(palo 1500)	12468	3	12,300	-5,454	-163,590	-11,631	55,509	0,777	0,895	46,667	0,017	-164,011	0,000	-11,631	0,000	0,000	55,509
	12469	4	12,300	-5,737	-164,454	-11,391	52,260	0,991	0,834	46,667	0,021	-164,897	0,000	-11,391	0,000	0,000	52,260
	12470	5	12,300	-6,019	-165,243	-11,157	49,079	1,114	0,736	46,667	0,024	-165,713	0,000	-11,157	0,000	0,000	49,079
EmbeddedBeamRow_2_1	12470	1	12,300	-6,019	-165,259	-11,167	49,079	1,114	0,736	46,667	0,024	-165,727	0,000	-11,167	0,000	0,000	49,079
Element 2-24 (Embedded beam row)	12471	2	12,300	-6,267	-165,936	-10,996	46,332	1,245	0,610	46,667	0,027	-166,426	0,000	-10,996	0,000	0,000	46,332
(palo 1500)	12472	3	12,300	-6,515	-166,589	-10,864	43,621	1,349	0,456	46,667	0,029	-167,102	0,000	-10,864	0,000	0,000	43,621
	12473	4	12,300	-6,763	-167,217	-10,774	40,937	1,443	0,276	46,667	0,031	-167,753	0,000	-10,774	0,000	0,000	40,937
	12474	5	12,300	-7,011	-167,821	-10,727	38,272	1,534	0,078	46,667	0,033	-168,381	0,000	-10,727	0,000	0,000	38,272
EmbeddedBeamRow_2_1	12474	1	12,300	-7,011	-167,824	-10,731	38,272	0,874	0,043	46,667	0,019	-168,384	0,000	-10,731	0,000	0,000	38,272
Element 2-25 (Embedded beam row)	12475	2	12,300	-7,261	-168,558	-10,723	35,591	1,078	-0,007	46,667	0,023	-169,135	0,000	-10,723	0,000	0,000	35,591
(palo 1500)	12476	3	12,300	-7,511	-169,248	-10,734	32,909	1,263	-0,080	46,667	0,027	-169,843	0,000	-10,734	0,000	0,000	32,909
	12477	4	12,300	-7,761	-169,894	-10,764	30,221	1,428	-0,158	46,667	0,031	-170,508	0,000	-10,764	0,000	0,000	30,221
	12478	5	12,300	-8,011	-170,497	-10,813	27,525	1,577	-0,228	46,667	0,034	-171,131	0,000	-10,813	0,000	0,000	27,525
EmbeddedBeamRow_2_1	12478	1	12,300	-8,011	-170,500	-10,811	27,525	1,576	-0,229	46,667	0,034	-171,134	0,000	-10,811	0,000	0,000	27,525
Element 2-26 (Embedded beam row)	12479	2	12,300	-8,261	-171,069	-10,877	24,815	1,714	-0,277	46,667	0,037	-171,723	0,000	-10,877	0,000	0,000	24,815
(palo 1500)	12480	3	12,300	-8,511	-171,606	-10,950	22,086	1,844	-0,312	46,667	0,040	-172,281	0,000	-10,950	0,000	0,000	22,086
	12481	4	12,300	-8,761	-172,112	-11,029	19,339	1,965	-0,324	46,667	0,042	-172,807	0,000	-11,029	0,000	0,000	19,339
	12482	5	12,300	-9,011	-172,587	-11,112	16,572	2,079	-0,315	46,667	0,045	-173,301	0,000	-11,112	0,000	0,000	16,572
EmbeddedBeamRow_2_1	12482	1	12,300	-9,011	-172,589	-11,107	16,572	2,081	-0,315	46,667	0,045	-173,302	0,000	-11,107	0,000	0,000	16,572
Element 2-27 (Embedded beam row)	12483	2	12,300	-9,261	-173,036	-11,186	13,785	2,180	-0,282	46,667	0,047	-173,769	0,000	-11,186	0,000	0,000	13,785
(palo 1500)	12484	3	12,300	-9,511	-173,462	-11,248	10,980	2,272	-0,220	46,667	0,049	-174,212	0,000	-11,248	0,000	0,000	10,980
	12485	4	12,300	-9,761	-173,865	-11,290	8,162	2,357	-0,124	46,667	0,051	-174,631	0,000	-11,290	0,000	0,000	10,088
	12486	5	12,300	-10,011	-174,247	-11,311	5,337	2,432	0,005	46,667	0,052	-175,025	0,000	-11,311	0,000	0,000	9,384
EmbeddedBeamRow_2_1	12486	1	12,300	-10,011	-174,248	-11,305	5,337	2,432	0,005	46,667	0,052	-175,026	0,000	-11,305	0,000	0,000	9,384
Element 2-28 (Embedded beam row)	12487	2	12,300	-10,261	-174,613	-11,288	2,512	2,502	0,161	46,667	0,054	-175,400	0,000	-11,288	0,000	0,000	8,680
(palo 1500)	12488	3	12,300	-10,511	-174,960	-11,225	-0,303	2,571	0,337	46,667	0,055	-175,753	0,000	-11,225	0,000	-0,303	7,975
	12489	4	12,300	-10,761	-175,291	-11,117	-3,098	2,641	0,528	46,667	0,057	-176,085	0,000	-11,117	0,000	-3,098	7,274
	12490	5	12,300	-11,011	-175,603	-10,961	-5,858	2,716	0,724	46,667	0,058	-176,396	0,000	-10,961	0,000	-5,858	6,577

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
EmbeddedBeamRow_2_1	12490	1	12,300	-11,011	-175,602	-10,960	-5,858	2,716	0,725	46,667	0,058	-176,394	0,000	-10,960	0,000	-5,858	6,577
Element 2-29 (Embedded beam row)	12491	2	12,300	-11,261	-175,896	-10,754	-8,573	2,796	0,931	46,667	0,060	-176,684	0,000	-10,754	0,000	-8,573	5,889
(palo 1500)	12492	3	12,300	-11,511	-176,167	-10,495	-11,230	2,889	1,132	46,667	0,062	-176,949	0,000	-10,495	0,000	-11,230	5,210
	12493	4	12,300	-11,761	-176,413	-10,185	-13,817	2,995	1,349	46,667	0,064	-177,188	0,000	-10,185	0,000	-13,817	4,545
	12494	5	12,300	-12,011	-176,633	-9,822	-16,319	3,103	1,619	46,667	0,066	-177,400	0,000	-9,822	0,000	-16,319	3,899
EmbeddedBeamRow_2_1	12494	1	12,300	-12,011	-176,630	-9,822	-16,319	4,809	2,499	46,667	0,103	-177,398	0,000	-9,822	0,000	-16,319	3,899
Element 2-30 (Embedded beam row)	12495	2	12,300	-12,279	-176,391	-9,149	-18,854	4,867	2,474	46,667	0,104	-177,143	0,000	-9,149	0,000	-18,854	3,242
(palo 1500)	12496	3	12,300	-12,546	-176,128	-8,498	-21,214	4,953	2,393	46,667	0,106	-176,864	0,000	-8,498	0,000	-21,214	2,627
	12497	4	12,300	-12,814	-175,840	-7,871	-23,404	5,052	2,298	46,667	0,108	-176,560	0,000	-7,871	0,000	-23,404	2,052
	12498	5	12,300	-13,081	-175,526	-7,269	-25,427	5,154	2,213	46,667	0,110	-176,230	0,000	-7,269	0,000	-25,427	1,517
EmbeddedBeamRow_2_1	12498	1	12,300	-13,081	-175,525	-7,268	-25,427	5,154	2,213	46,667	0,110	-176,229	0,000	-7,268	0,000	-25,427	1,517
Element 2-31 (Embedded beam row)	12499	2	12,300	-13,351	-175,179	-6,682	-27,310	5,268	2,127	46,667	0,113	-175,867	0,000	-6,682	0,000	-27,310	1,011
(palo 1500)	12500	3	12,300	-13,621	-174,800	-6,119	-29,039	5,389	2,044	46,667	0,115	-175,474	0,000	-6,119	0,000	-29,039	0,539
	12501	4	12,300	-13,891	-174,388	-5,578	-30,619	5,514	1,962	46,667	0,118	-175,050	0,000	-5,578	0,000	-30,619	0,097
	12502	5	12,300	-14,162	-173,943	-5,059	-32,055	5,645	1,881	46,667	0,121	-174,594	0,000	-5,059	0,000	-32,055	0,000
EmbeddedBeamRow_2_1	12502	1	12,300	-14,162	-173,942	-5,059	-32,055	5,645	1,881	46,667	0,121	-174,593	0,000	-5,059	0,000	-32,055	0,000
Element 2-32 (Embedded beam row)	12503	2	12,300	-14,434	-173,455	-4,557	-33,366	5,782	1,801	46,667	0,124	-174,098	0,000	-4,557	0,000	-33,366	0,000
(palo 1500)	12504	3	12,300	-14,707	-172,930	-4,076	-34,543	5,924	1,723	46,667	0,127	-173,567	0,000	-4,076	0,000	-34,543	0,000
	12505	4	12,300	-14,980	-172,365	-3,616	-35,592	6,069	1,647	46,667	0,130	-173,000	0,000	-3,616	0,000	-35,592	0,000
	12506	5	12,300	-15,253	-171,761	-3,178	-36,518	6,218	1,573	46,667	0,133	-172,397	0,000	-3,178	0,000	-36,518	0,000
EmbeddedBeamRow_2_1	12506	1	12,300	-15,253	-171,760	-3,177	-36,518	6,219	1,573	46,667	0,133	-172,396	0,000	-3,177	0,000	-36,518	0,000
Element 2-33 (Embedded beam row)	12507	2	12,300	-15,528	-171,108	-2,754	-37,335	6,374	1,502	46,667	0,137	-171,748	0,000	-2,754	0,000	-37,335	0,000
(palo 1500)	12508	3	12,300	-15,804	-170,412	-2,349	-38,038	6,532	1,434	46,667	0,140	-171,059	0,000	-2,349	0,000	-38,038	0,000
	12509	4	12,300	-16,079	-169,672	-1,963	-38,631	6,693	1,369	46,667	0,143	-170,330	0,000	-1,963	0,000	-38,631	0,000
	12510	5	12,300	-16,355	-168,888	-1,595	-39,121	6,856	1,308	46,667	0,147	-169,560	0,000	-1,595	0,000	-39,121	0,000
EmbeddedBeamRow_2_1	12510	1	12,300	-16,355	-168,887	-1,594	-39,121	6,856	1,308	46,667	0,147	-169,558	0,000	-1,594	0,000	-39,121	0,000
Element 2-34 (Embedded beam row)	12511	2	12,300	-16,633	-168,049	-1,239	-39,515	7,024	1,251	46,667	0,151	-168,738	0,000	-1,239	0,000	-39,515	0,000
(palo 1500)	12512	3	12,300	-16,912	-167,163	-0,898	-39,812	7,194	1,199	46,667	0,154	-167,872	0,000	-0,975	0,000	-39,812	0,000
	12513	4	12,300	-17,190	-166,230	-0,570	-40,016	7,367	1,153	46,667	0,158	-166,961	0,000	-0,947	0,000	-40,016	0,000
	12514	5	12,300	-17,468	-165,249	-0,256	-40,130	7,543	1,115	46,667	0,162	-166,006	0,000	-0,919	0,000	-40,130	0,000
EmbeddedBeamRow_2_1	12514	1	12,300	-17,468	-165,248	-0,254	-40,130	7,543	1,115	46,667	0,162	-166,004	0,000	-0,918	0,000	-40,130	0,000
Element 2-35 (Embedded beam row)	12515	2	12,300	-17,749	-164,207	0,053	-40,159	7,725	1,085	46,667	0,166	-164,992	0,000	-0,886	0,053	-40,159	0,000
(palo 1500)	12516	3	12,300	-18,030	-163,113	0,356	-40,101	7,912	1,065	46,667	0,170	-163,929	0,000	-0,847	0,356	-40,101	0,000
	12517	4	12,300	-18,311	-161,965	0,654	-39,959	8,105	1,057	46,667	0,174	-162,814	0,000	-0,799	0,654	-39,959	0,000
	12518	5	12,300	-18,593	-160,765	0,949	-39,734	8,305	1,062	46,667	0,178	-161,649	0,000	-0,741	0,949	-39,734	0,000
EmbeddedBeamRow_2_1	12518	1	12,300	-18,593	-160,762	0,952	-39,734	8,304	1,061	46,667	0,178	-161,646	0,000	-0,740	0,952	-39,734	0,000

Structural element	Node [10⁻]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
Element 2-36 (Embedded beam row)	12519	2	12,300	-18,876	-159,492	1,255	-39,421	8,517	1,082	46,667	0,183	-160,414	0,000	-0,666	1,255	-39,421	0,000
(palo 1500)	12520	3	12,300	-19,160	-158,157	1,566	-39,020	8,741	1,113	46,667	0,187	-159,119	0,000	-0,573	1,566	-39,020	0,000
	12521	4	12,300	-19,444	-156,757	1,886	-38,531	8,973	1,139	46,667	0,192	-157,786	0,000	-0,462	1,886	-38,531	0,000
	12522	5	12,300	-19,728	-155,293	2,213	-37,949	9,212	1,153	46,667	0,197	-156,524	0,000	-0,333	2,213	-37,949	0,000
EmbeddedBeamRow_2_1	12522	1	12,300	-19,728	-155,291	2,210	-37,949	9,212	1,153	46,667	0,197	-156,522	0,000	-0,337	2,210	-37,949	0,000
Element 2-37 (Embedded beam row)	12523	2	12,300	-20,015	-153,742	2,543	-37,268	9,457	1,153	46,667	0,203	-155,182	0,000	-0,195	2,543	-37,268	0,000
(palo 1500)	12524	3	12,300	-20,301	-152,121	2,872	-36,491	9,705	1,140	46,667	0,208	-153,772	0,000	-0,050	2,872	-36,491	0,000
	12525	4	12,300	-20,588	-150,428	3,194	-35,621	9,955	1,113	46,667	0,213	-152,293	0,000	0,000	3,194	-35,621	0,000
	12526	5	12,300	-20,875	-148,664	3,510	-34,660	10,207	1,074	46,667	0,219	-150,746	0,000	0,000	3,510	-34,660	0,000
EmbeddedBeamRow_2_1	12526	1	12,300	-20,875	-148,663	3,508	-34,660	10,207	1,074	46,667	0,219	-150,744	0,000	0,000	3,508	-34,660	0,000
Element 2-38 (Embedded beam row)	12527	2	12,300	-21,164	-146,809	3,813	-33,600	10,462	1,023	46,667	0,224	-149,109	0,000	0,000	3,813	-33,600	0,000
(palo 1500)	12528	3	12,300	-21,454	-144,879	4,100	-32,454	10,719	0,962	46,667	0,230	-147,398	0,000	0,000	4,100	-32,454	0,000
	12529	4	12,300	-21,744	-142,875	4,369	-31,227	10,975	0,892	46,667	0,235	-145,611	0,000	0,000	4,369	-31,227	0,000
	12530	5	12,300	-22,033	-140,798	4,617	-29,926	11,231	0,815	46,667	0,241	-143,750	0,000	0,000	4,617	-29,926	0,000
EmbeddedBeamRow_2_1	12530	1	12,300	-22,033	-140,797	4,616	-29,926	11,231	0,815	46,667	0,241	-143,748	0,000	0,000	4,616	-29,926	0,000
Element 2-39 (Embedded beam row)	12531	2	12,300	-22,326	-138,624	4,843	-28,542	11,487	0,731	46,667	0,246	-141,790	0,000	0,000	4,843	-28,542	0,000
(palo 1500)	12532	3	12,300	-22,618	-136,376	5,044	-27,096	11,740	0,642	46,667	0,252	-139,751	0,000	0,000	5,044	-27,096	0,000
	12533	4	12,300	-22,910	-134,053	5,218	-25,594	11,992	0,549	46,667	0,257	-137,632	0,000	0,000	5,218	-25,594	0,000
	12534	5	12,300	-23,203	-131,659	5,365	-24,046	12,241	0,452	46,667	0,262	-135,435	0,000	0,000	5,365	-24,046	0,000
EmbeddedBeamRow_2_1	12534	1	12,300	-23,203	-131,659	5,364	-24,046	12,241	0,452	46,667	0,262	-135,434	0,000	0,000	5,364	-24,046	0,000
Element 2-40 (Embedded beam row)	12535	2	12,300	-23,498	-129,167	5,483	-22,444	12,487	0,349	46,667	0,268	-133,133	0,000	0,000	5,483	-22,444	0,000
(palo 1500)	12536	3	12,300	-23,794	-126,602	5,570	-20,811	12,730	0,243	46,667	0,273	-130,747	0,000	0,000	5,570	-20,811	0,000
	12537	4	12,300	-24,089	-123,966	5,625	-19,156	12,969	0,132	46,667	0,278	-128,280	0,000	0,000	5,625	-19,156	0,000
	12538	5	12,300	-24,384	-121,261	5,648	-17,491	13,203	0,015	46,667	0,283	-125,731	0,000	0,000	5,648	-17,491	0,000
EmbeddedBeamRow_2_1	12538	1	12,300	-24,384	-121,261	5,646	-17,491	13,203	0,015	46,667	0,283	-125,730	0,000	0,000	5,646	-17,491	0,000
Element 2-41 (Embedded beam row)	12539	2	12,300	-24,683	-118,460	5,634	-15,808	13,431	-0,110	46,667	0,288	-123,073	0,000	0,000	5,634	-15,808	0,000
(palo 1500)	12540	3	12,300	-24,981	-115,591	5,581	-14,133	13,653	-0,243	46,667	0,293	-120,331	0,000	0,000	5,581	-14,133	0,000
	12541	4	12,300	-25,279	-112,657	5,487	-12,481	13,867	-0,386	46,667	0,297	-117,506	0,000	0,000	5,487	-12,481	0,000
	12542	5	12,300	-25,578	-109,661	5,351	-10,864	14,071	-0,538	46,667	0,302	-114,601	0,000	0,000	5,351	-10,864	0,000
EmbeddedBeamRow_2_1	12542	1	12,300	-25,578	-109,663	5,348	-10,864	14,071	-0,538	46,667	0,302	-114,601	0,000	0,000	5,348	-10,864	0,000
Element 2-42 (Embedded beam row)	12543	2	12,300	-25,879	-106,576	5,164	-9,279	14,264	-0,703	46,667	0,306	-111,585	0,000	0,000	5,164	-9,279	0,000
(palo 1500)	12544	3	12,300	-26,180	-103,434	4,925	-7,758	14,443	-0,882	46,667	0,309	-108,490	0,000	0,000	4,925	-7,758	0,000
	12545	4	12,300	-26,482	-100,242	4,630	-6,317	14,603	-1,073	46,667	0,313	-105,319	0,000	0,000	4,630	-6,317	0,000
	12546	5	12,300	-26,783	-97,002	4,278	-4,974	14,739	-1,280	46,667	0,316	-102,076	0,000	0,000	4,278	-4,974	0,000
EmbeddedBeamRow_2_1	12546	1	12,300	-26,783	-97,010	4,275	-4,974	14,738	-1,279	46,667	0,316	-102,082	0,000	0,000	4,275	-4,974	0,000
Element 2-43 (Embedded beam row)	12547	2	12,300	-27,087	-93,694	3,855	-3,735	14,845	-1,501	46,667	0,318	-98,735	0,000	0,000	3,855	-3,735	0,000

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N -- [kN/m]	N --- [kN/m]	Q -- [kN/m]	Q --- [kN/m]	M -- [kN m/m]	M --- [kN m/m]
(palo 1500)	12548	3	12,300	-27,391	-90,364	3,362	-2,635	14,906	-1,736	46,667	0,319	-95,341	0,000	0,000	3,362	-2,635	0,000
	12549	4	12,300	-27,696	-87,026	2,796	-1,696	14,896	-1,981	46,667	0,319	-91,907	0,000	0,000	2,796	-1,696	0,000
	12550	5	12,300	-28,000	-83,687	2,157	-0,941	14,786	-2,257	46,667	0,317	-88,440	0,000	0,000	2,157	-0,941	0,000
EmbeddedBeamRow_2_1	12550	1	12,300	-28,000	-83,747	2,162	-0,941	14,784	-2,258	46,667	0,317	-88,502	0,000	0,000	2,162	-0,941	0,000
Element 2-44 (Embedded beam row)	12551	2	12,300	-28,223	-81,270	1,622	-0,520	14,613	-2,463	46,667	0,313	-85,905	0,000	0,000	1,622	-0,520	0,022
(palo 1500)	12552	3	12,300	-28,445	-78,977	1,061	-0,221	14,003	-2,624	46,667	0,300	-83,482	0,000	-0,021	1,061	-0,221	0,025
	12553	4	12,300	-28,668	-76,911	0,496	-0,048	12,582	-2,514	46,667	0,270	-81,277	0,000	-0,063	0,496	-0,048	0,015
	12554	5	12,300	-28,890	-75,111	-0,062	0,000	10,028	-1,595	46,667	0,215	-79,334	0,000	-0,062	0,000	0,000	0,000

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PLAXIS Report

1.1.1.1.1 Materials - Soil and interfaces - Hardening Soil

Identification number		1	2	4	5
Identification		STRATO B	STRATO C	STRATO A	STRATO A'
Soil model		Hardening Soil	Hardening Soil	Hardening Soil	Hardening Soil
Drainage type		Undrained B	Undrained B	Undrained B	Drained
Colour					
Comments					
γ_unsat	kN/m³	18,50	18,50	18,50	18,50
γ_sat	kN/m³	19,00	19,00	19,00	19,00
e_init		0,5000	0,5000	0,5000	0,5000
n_init		0,3333	0,3333	0,3333	0,3333
Input method		Direct	Direct	Direct	Direct
Rayleigh α		0,000	0,000	0,000	0,000
Rayleigh β		0,000	0,000	0,000	0,000
Identification number		1	2	4	5
Identification		STRATO B	STRATO C	STRATO A	STRATO A'
Soil model		Hardening Soil	Hardening Soil	Hardening Soil	Hardening Soil
Drainage type		Undrained B	Undrained B	Undrained B	Drained
Colour					
Comments					
E_50^ref	kN/m²	30,00E3	45,00E3	7500	5000
E_oed^ref	kN/m²	30,00E3	45,00E3	7500	5000
E_ur^ref	kN/m²	90,00E3	135,0E3	21,50E3	15,00E3
ν_ur		0,2000	0,2000	0,2000	0,2000
Use defaults		True	True	True	True

Identification number		1	2	4	5
K_0^nc		1,000	1,000	1,000	0,8264
R_f		0,9000	0,9000	0,9000	0,9000
Determination		ν-undrained definition	ν-undrained definition	ν-undrained definition	ν-undrained definition
ν_u definition method		Direct	Direct	Direct	Direct
ν_u,equivalent (nu)		0,4950	0,4950	0,4950	0,4950
Skempton B		0,9866	0,9866	0,9866	0,9866
K_w,ref/n	kN/m²	3,687E6	5,531E6	880,9E3	614,6E3
Identification number		1	2	4	5
Identification		STRATO B	STRATO C	STRATO A	STRATO A'
Soil model		Hardening Soil	Hardening Soil	Hardening Soil	Hardening Soil
Drainage type		Undrained B	Undrained B	Undrained B	Drained
Colour					
Comments					
Classification type		Standard	Standard	Standard	Standard
Soil class (Standard)		Coarse	Coarse	Coarse	Coarse
< 2 µm	%	10,00	10,00	10,00	10,00
2 µm - 50 µm	%	13,00	13,00	13,00	13,00
50 µm - 2 mm	%	77,00	77,00	77,00	77,00
Identification number		1	2	4	5
Identification		STRATO B	STRATO C	STRATO A	STRATO A'
Soil model		Hardening Soil	Hardening Soil	Hardening Soil	Hardening Soil
Drainage type		Undrained B	Undrained B	Undrained B	Drained
Colour					
Comments					
c_s	kJ/t/K	0,000	0,000	0,000	0,000
λ_s	kW/m/K	0,000	0,000	0,000	0,000

Identification number		1	2	4	5
ρ_s	t/m³	0,000	0,000	0,000	0,000
Thermal expansion type		Isotropic	Isotropic	Isotropic	Isotropic
α_sv	1/K	0,000	0,000	0,000	0,000
Phase change		False	False	False	False
D_v	m²/day	0,000	0,000	0,000	0,000
f_Tv		0,000	0,000	0,000	0,000
Identification number		1	2	4	5
Identification		STRATO B	STRATO C	STRATO A	STRATO A'
Soil model		Hardening Soil	Hardening Soil	Hardening Soil	Hardening Soil
Drainage type		Undrained B	Undrained B	Undrained B	Drained
Colour					
Comments					
Stiffness determination		Derived	Derived	Derived	Derived
Strength determination		Manual	Manual	Manual	Manual
R_inter		0,6600	0,6600	0,6600	0,6600
Consider gap closure		True	True	True	True
δ_inter	m	0,000	0,000	0,000	0,000
Cross permeability		Impermeable	Impermeable	Impermeable	Impermeable
Drainage conductivity, dk	m³/day/m	0,000	0,000	0,000	0,000
R_thermal	m² K/kW	0,000	0,000	0,000	0,000
Identification number		1	2	4	5
Identification		STRATO B	STRATO C	STRATO A	STRATO A'
Soil model		Hardening Soil	Hardening Soil	Hardening Soil	Hardening Soil
Drainage type		Undrained B	Undrained B	Undrained B	Drained
Colour					
Comments					

Identification number		1	2	4	5
K_0 determination		Automatic	Automatic	Automatic	Automatic
K_0,x		1,000	1,000	1,000	0,8264
K_0,z		1,000	1,000	1,000	0,8264
POP	kN/m²	0,000	0,000	0,000	0,000
OCR		1,000	1,000	1,000	1,000

1.1.1.1.2 Materials - Soil and interfaces - Mohr-Coulomb

Identification number		3
Identification		RIPORTO
Soil model		Mohr-Coulomb
Drainage type		Drained
Colour		
Comments		
γ_unsat	kN/m³	0,1000
γ_sat	kN/m³	0,1000
e_init		0,5000
n_init		0,3333
Input method		Direct
Rayleigh α		0,000
Rayleigh β		0,000
Identification number		3
Identification		RIPORTO
Soil model		Mohr-Coulomb
Drainage type		Drained
Colour		
Comments		
E'_ref	kN/m²	50,00E3
ν (nu)		0,3000
Determination		ν-undrained definition
ν_u definition method		Direct
ν_u,equivalent (nu)		0,4950

Identification number		3
Skempton B		0,9783
K_w,ref/n	kN/m²	1,875E6
Identification number		3
Identification		RIPORTO
Soil model		Mohr-Coulomb
Drainage type		Drained
Colour		
Comments		
Classification type		Standard
Soil class (Standard)		Coarse
< 2 µm	%	10,00
2 µm - 50 µm	%	13,00
50 µm - 2 mm	%	77,00
Identification number		3
Identification		RIPORTO
Soil model		Mohr-Coulomb
Drainage type		Drained
Colour		
Comments		
c_s	kJ/t/K	0,000
λ_s	kW/m/K	0,000
ρ_s	t/m³	0,000
Thermal expansion type		Isotropic
α_sv	1/K	0,000
Phase change		False
D_v	m²/day	0,000

Identification number		3
f_Tv		0,000
Identification number		3
Identification		RIPORTO
Soil model		Mohr-Coulomb
Drainage type		Drained
Colour		
Comments		
Stiffness determination		Derived
Strength determination		Manual
R_inter		0,6600
Consider gap closure		True
Cross permeability		Impermeable
Drainage conductivity, dk	m^3/day/m	0,000
R_thermal	m^2 K/kW	0,000
Identification number		3
Identification		RIPORTO
Soil model		Mohr-Coulomb
Drainage type		Drained
Colour		
Comments		
K_0 determination		Automatic
K_0,x		0,3843
K_0,z		0,3843

1.1.1.2 Materials - Plates

Identification number		1	2
Identification		Paratia fi 800	PLINTO
Material type		Elastic	Elastic
Colour			
Comments			
w	kN/m/m	2,740	50,00
Input method		Direct	Direct
Rayleigh α		0,000	0,000
Rayleigh β		0,000	0,000
Prevent punching		False	False
Identification number		1	2
Identification		Paratia fi 800	PLINTO
Material type		Elastic	Elastic
Colour			
Comments			
Isotropic		True	True
Identification number		1	2
Identification		Paratia fi 800	PLINTO
Material type		Elastic	Elastic
Colour			
Comments			
c	kJ/t/K	0,000	0,000
λ	kW/m/K	0,000	0,000
ρ	t/m³	0,000	0,000
α	1/K	0,000	0,000

Identification number		1	2
A_eff,T	m²	0,000	0,000

1.1.1.3 Materials - Geogrids

Identification number		1
Identification		chiodo i=3.3
Material type		Elastic
Colour		
Comments		
Identification number		1
Identification		chiodo i=3.3
Material type		Elastic
Colour		
Comments		
Isotropic		False
Identification number		1
Identification		chiodo i=3.3
Material type		Elastic
Colour		
Comments		
c	kJ/t/K	0,000
λ	kW/m/K	0,000
ρ	t/m³	0,000
α	1/K	0,000
A_eff,T	m²	0,000

1.1.1.4 Materials - Anchors

Identification number		1
Identification		chiodo ogni 3 m
Material type		Elastic
Colour		
Comments		
Identification number		1
Identification		chiodo ogni 3 m
Material type		Elastic
Colour		
Comments		
L_spacing	m	3,300
Identification number		1
Identification		chiodo ogni 3 m
Material type		Elastic
Colour		
Comments		
c	kJ/t/K	0,000
λ	kW/m/K	0,000
ρ	t/m³	0,000
α	1/K	0,000
A_eff,T	m²	0,000

1.1.1.5 Materials - Embedded beams

Identification number		1
Identification		palo 1500
Material type		Elastic
Colour		
Comments		
γ	kN/m³	10,00
Input method		Direct
Rayleigh α		0,000
Rayleigh β		0,000
Identification number		1
Identification		palo 1500
Material type		Elastic
Colour		
Comments		
L_spacing	m	4,500
Cross section type		Predefined
Predefined cross section type		Solid circular beam
Diameter	m	1,500
A	m²	1,767
I	m⁴	0,2485
Axial skin resistance		Linear
T_skin, start, max	kN/m	210,0
T_skin, end, max	kN/m	210,0
Lateral resistance		Unlimited
F_max	kN	2078

Identification number	1
Default values	True
Axial stiffness factor	1,097
Lateral stiffness factor	1,097
Base stiffness factor	10,97

3.1.1.1.2 Calculation results, Plate, paratia [Phase_1] (1/8), Table of plate force envelopes

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [10^{-3} kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [10^{-3} kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_1	3424	1	0,000	-0,500	0,001	0,000	0,001	-7,596	-0,008	0,000	0,000	0,000	0,000
Element 1-1 (Plate)	3425	2	0,000	-0,625	-0,235	-0,235	0,000	-41,518	-0,042	0,000	-3,314	-0,003	0,000
(Paratia fi 800)	3426	3	0,000	-0,750	-0,473	-0,473	0,000	-55,756	-0,056	0,000	-9,533	-0,010	0,000
	3427	4	0,000	-0,875	-0,712	-0,712	0,000	-54,102	-0,054	0,000	-16,594	-0,017	0,000
	3744	5	0,000	-1,000	-0,953	-0,953	0,000	-40,348	-0,040	0,000	-22,581	-0,023	0,000
Plate_1_2	3744	1	0,000	-1,000	-0,953	-0,953	0,000	-46,937	-0,047	0,000	-22,581	-0,023	0,000
Element 2-2 (Plate)	3745	2	0,000	-1,250	-1,436	-1,436	0,000	-14,976	-0,015	0,000	-30,265	-0,030	0,000
(Paratia fi 800)	3746	3	0,000	-1,500	-1,922	-1,922	0,000	12,628	0,000	0,013	-30,406	-0,030	0,000
	3747	4	0,000	-1,750	-2,411	-2,411	0,000	34,185	0,000	0,034	-24,453	-0,024	0,000
	3780	5	0,000	-2,000	-2,901	-2,901	0,000	48,007	0,000	0,048	-13,984	-0,014	0,000
Plate_1_3	3780	1	0,000	-2,000	-2,901	-2,901	0,000	47,142	0,000	0,047	-13,984	-0,014	0,000
Element 3-3 (Plate)	3781	2	0,000	-2,125	-3,147	-3,147	0,000	49,124	0,000	0,049	-7,942	-0,008	0,000
(Paratia fi 800)	3782	3	0,000	-2,250	-3,394	-3,394	0,000	48,668	0,000	0,049	-1,805	-0,002	0,001
	3783	4	0,000	-2,375	-3,640	-3,640	0,000	45,868	0,000	0,046	4,130	0,000	0,004
	3801	5	0,000	-2,500	-3,887	-3,887	0,000	40,815	0,000	0,041	9,569	0,000	0,010
Plate_1_4	3801	1	0,000	-2,500	-3,887	-3,887	0,000	40,977	0,000	0,041	9,569	0,000	0,010
Element 4-4 (Plate)	3798	2	0,000	-2,654	-4,192	-4,192	0,000	32,335	0,000	0,032	15,251	0,000	0,015
(Paratia fi 800)	3799	3	0,000	-2,808	-4,498	-4,498	0,000	21,473	0,000	0,021	19,426	0,000	0,019
	3800	4	0,000	-2,963	-4,804	-4,804	0,000	8,515	0,000	0,009	21,768	0,000	0,022
	4112	5	0,000	-3,117	-5,110	-5,110	0,000	-6,410	-0,008	0,000	21,953	0,000	0,022
Plate_1_4	4112	1	0,000	-3,117	-5,110	-5,110	0,000	-6,376	-0,008	0,000	21,953	0,000	0,022
Element 4-5 (Plate)	4113	2	0,000	-3,213	-5,300	-5,300	0,000	-16,417	-0,017	0,000	20,868	0,000	0,021
(Paratia fi 800)	4114	3	0,000	-3,308	-5,490	-5,490	0,000	-27,184	-0,027	0,000	18,785	0,000	0,019
	4115	4	0,000	-3,404	-5,681	-5,681	0,000	-38,668	-0,039	0,000	15,636	0,000	0,016
	4380	5	0,000	-3,500	-5,871	-5,871	0,000	-50,857	-0,051	0,000	11,355	0,000	0,011
Plate_1_5	4380	1	0,000	-3,500	-5,871	-5,871	0,000	-50,856	-0,051	0,000	11,355	0,000	0,011

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [10^{-3} kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [10^{-3} kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Element 5-6 (Plate)	4381	2	0,000	-3,578	-6,025	-6,025	0,000	-61,208	-0,061	0,000	7,009	0,000	0,007
(Paratia fi 800)	4382	3	0,000	-3,655	-6,180	-6,180	0,000	-71,948	-0,072	0,000	1,841	-0,001	0,002
	4383	4	0,000	-3,733	-6,334	-6,334	0,000	-83,065	-0,083	0,000	-4,176	-0,007	0,000
	4398	5	0,000	-3,811	-6,489	-6,489	0,000	-94,544	-0,095	0,000	-11,066	-0,013	0,000
Plate_1_6	4398	1	0,000	-3,811	-6,489	-6,489	0,000	-94,623	-0,095	0,000	-11,066	-0,013	0,000
Element 6-7 (Plate)	4399	2	0,000	-3,983	-6,832	-6,832	0,000	-121,373	-0,121	0,000	-29,647	-0,030	0,000
(Paratia fi 800)	4400	3	0,000	-4,155	-7,176	-7,176	0,000	-150,070	-0,150	0,000	-53,021	-0,053	0,000
	4401	4	0,000	-4,328	-7,520	-7,520	0,000	-180,640	-0,181	0,000	-81,499	-0,081	0,000
	4428	5	0,000	-4,500	-7,864	-7,864	0,000	-213,012	-0,213	0,000	-115,393	-0,115	0,000
Plate_1_7	4428	1	0,000	-4,500	-7,864	-7,864	0,000	-213,216	-0,213	0,000	-115,393	-0,115	0,000
Element 7-8 (Plate)	4429	2	0,000	-4,598	-8,059	-8,059	0,000	-232,269	-0,232	0,000	-137,097	-0,137	0,000
(Paratia fi 800)	4430	3	0,000	-4,695	-8,254	-8,254	0,000	-252,299	-0,252	0,000	-160,717	-0,161	0,000
	4431	4	0,000	-4,793	-8,450	-8,450	0,000	-273,352	-0,273	0,000	-186,340	-0,186	0,000
	4448	5	0,000	-4,890	-8,645	-8,645	0,000	-295,477	-0,295	0,000	-214,055	-0,214	0,000
Plate_1_8	4448	1	0,000	-4,890	-8,645	-8,645	0,000	-294,200	-0,294	0,000	-214,055	-0,214	0,000
Element 9-15 (Plate)	4449	2	0,000	-5,043	-8,951	-8,951	0,000	-331,077	-0,331	0,000	-261,753	-0,262	0,000
(Paratia fi 800)	4450	3	0,000	-5,195	-9,259	-9,259	0,000	-364,465	-0,364	0,000	-314,866	-0,315	0,000
	4451	4	0,000	-5,348	-9,568	-9,568	0,000	-393,435	-0,393	0,000	-372,716	-0,373	0,000
	4447	5	0,000	-5,500	-9,878	-9,878	0,000	-417,057	-0,417	0,000	-434,582	-0,435	0,000
Plate_1_9	4447	1	0,000	-5,500	-9,901	-9,901	0,000	-418,599	-0,419	0,000	-434,582	-0,435	0,000
Element 10-16 (Plate)	4222	2	0,000	-5,731	-9,906	-9,906	0,000	-265,827	-0,266	0,000	-513,308	-0,513	0,000
(Paratia fi 800)	4223	3	0,000	-5,962	-9,923	-9,923	0,000	-129,829	-0,130	0,000	-558,509	-0,559	0,000
	4224	4	0,000	-6,192	-9,951	-9,951	0,000	-14,734	-0,015	0,000	-574,855	-0,575	0,000
	4225	5	0,000	-6,423	-9,989	-9,989	0,000	75,329	0,000	0,075	-567,299	-0,567	0,000
Plate_1_9	4225	1	0,000	-6,423	-9,988	-9,988	0,000	72,042	0,000	0,072	-567,299	-0,567	0,000
Element 10-17 (Plate)	4199	2	0,000	-6,663	-10,034	-10,034	0,000	136,295	0,000	0,136	-541,791	-0,542	0,000
(Paratia fi 800)	4200	3	0,000	-6,903	-10,085	-10,085	0,000	176,239	0,000	0,176	-503,831	-0,504	0,000
	4201	4	0,000	-7,143	-10,142	-10,142	0,000	193,168	0,000	0,193	-459,011	-0,459	0,000
	4365	5	0,000	-7,383	-10,204	-10,204	0,000	188,373	0,000	0,188	-412,825	-0,413	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [10^{-3} kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [10^{-3} kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_9	4365	1	0,000	-7,383	-10,203	-10,203	0,000	192,242	0,000	0,192	-412,825	-0,413	0,000
Element 10-18 (Plate)	4366	2	0,000	-7,633	-10,271	-10,271	0,000	181,228	0,000	0,181	-366,139	-0,366	0,000
(Paratia fi 800)	4367	3	0,000	-7,882	-10,342	-10,342	0,000	167,078	0,000	0,167	-322,625	-0,323	0,000
	4368	4	0,000	-8,132	-10,415	-10,415	0,000	150,677	0,000	0,151	-282,897	-0,283	0,000
	4369	5	0,000	-8,382	-10,490	-10,490	0,000	132,911	0,000	0,133	-247,502	-0,248	0,000
Plate_1_9	4369	1	0,000	-8,382	-10,490	-10,490	0,000	132,587	0,000	0,133	-247,502	-0,248	0,000
Element 10-19 (Plate)	4347	2	0,000	-8,641	-10,570	-10,570	0,000	114,611	0,000	0,115	-215,419	-0,215	0,000
(Paratia fi 800)	4348	3	0,000	-8,901	-10,652	-10,652	0,000	96,245	0,000	0,096	-188,029	-0,188	0,000
	4349	4	0,000	-9,160	-10,736	-10,736	0,000	77,291	0,000	0,077	-165,488	-0,165	0,000
	4346	5	0,000	-9,420	-10,822	-10,822	0,000	57,551	0,000	0,058	-147,969	-0,148	0,000
Plate_1_9	4346	1	0,000	-9,420	-10,822	-10,822	0,000	59,255	0,000	0,059	-147,969	-0,148	0,000
Element 10-20 (Plate)	4063	2	0,000	-9,690	-10,913	-10,913	0,000	31,967	0,000	0,032	-135,481	-0,135	0,000
(Paratia fi 800)	4064	3	0,000	-9,960	-11,008	-11,008	0,000	-1,781	-0,008	0,000	-131,314	-0,131	0,000
	4065	4	0,000	-10,230	-11,108	-11,108	0,000	-40,660	-0,041	0,000	-136,905	-0,137	0,000
	4265	5	0,000	-10,500	-11,213	-11,213	0,000	-83,343	-0,083	0,000	-153,586	-0,154	0,000
Plate_1_10	4265	1	0,000	-10,500	-11,211	-11,211	0,000	-92,737	-0,093	0,000	-153,586	-0,154	0,000
Element 11-21 (Plate)	4262	2	0,000	-10,760	-11,025	-11,025	0,000	-52,030	-0,052	0,000	-171,802	-0,172	0,000
(Paratia fi 800)	4263	3	0,000	-11,020	-10,845	-10,845	0,000	-31,882	-0,032	0,000	-182,557	-0,183	0,000
	4264	4	0,000	-11,281	-10,671	-10,671	0,000	-24,681	-0,025	0,000	-189,520	-0,190	0,000
	4261	5	0,000	-11,541	-10,503	-10,503	0,000	-22,813	-0,023	0,005	-195,751	-0,196	0,000
Plate_1_10	4261	1	0,000	-11,541	-10,501	-10,501	0,000	-18,401	-0,018	0,006	-195,751	-0,196	0,000
Element 11-22 (Plate)	4243	2	0,000	-11,805	-10,331	-10,331	0,000	-9,473	-0,009	0,012	-199,426	-0,199	0,000
(Paratia fi 800)	4244	3	0,000	-12,070	-10,161	-10,161	0,000	-0,988	-0,001	0,017	-200,799	-0,201	0,000
	4245	4	0,000	-12,334	-9,992	-9,992	0,000	7,053	0,000	0,021	-199,988	-0,200	0,000
	4242	5	0,000	-12,599	-9,822	-9,822	0,000	14,645	0,000	0,027	-197,110	-0,197	0,000
Plate_1_10	4242	1	0,000	-12,599	-9,821	-9,821	0,000	14,748	0,000	0,028	-197,110	-0,197	0,000
Element 11-23 (Plate)	3839	2	0,000	-12,867	-9,647	-9,647	0,000	21,990	0,000	0,033	-192,182	-0,192	0,000
(Paratia fi 800)	3840	3	0,000	-13,136	-9,470	-9,470	0,000	29,764	0,000	0,039	-185,246	-0,185	0,000
	3841	4	0,000	-13,405	-9,290	-9,290	0,000	38,264	0,000	0,046	-176,117	-0,176	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [10^{-3} kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [10^{-3} kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	3838	5	0,000	-13,673	-9,107	-9,107	0,000	47,688	0,000	0,053	-164,595	-0,165	0,000
Plate_1_10	3838	1	0,000	-13,673	-9,106	-9,106	0,000	47,642	0,000	0,053	-164,595	-0,165	0,000
Element 11-24 (Plate)	3677	2	0,000	-13,947	-8,916	-8,916	0,000	58,921	0,000	0,062	-150,074	-0,150	0,000
(Paratia fi 800)	3678	3	0,000	-14,220	-8,719	-8,719	0,000	70,985	0,000	0,071	-132,336	-0,132	0,000
	3679	4	0,000	-14,493	-8,517	-8,517	0,000	83,512	0,000	0,084	-111,251	-0,111	0,000
	3676	5	0,000	-14,766	-8,309	-8,309	0,000	96,180	0,000	0,096	-86,715	-0,087	0,004
Plate_1_10	3676	1	0,000	-14,766	-8,308	-8,308	0,000	95,292	0,000	0,095	-86,715	-0,087	0,004
Element 11-25 (Plate)	3308	2	0,000	-15,043	-8,090	-8,090	0,000	105,060	0,000	0,105	-58,777	-0,059	0,016
(Paratia fi 800)	3309	3	0,000	-15,321	-7,862	-7,862	0,000	109,126	0,000	0,109	-28,933	-0,029	0,028
	3310	4	0,000	-15,598	-7,625	-7,625	0,000	107,909	0,000	0,108	1,321	0,000	0,039
	3311	5	0,000	-15,876	-7,379	-7,379	0,000	101,832	0,000	0,102	30,522	0,000	0,061
Plate_1_10	3311	1	0,000	-15,876	-7,378	-7,378	0,000	102,432	0,000	0,102	30,522	0,000	0,061
Element 11-26 (Plate)	3174	2	0,000	-16,158	-7,117	-7,117	0,000	93,298	0,000	0,093	58,179	0,000	0,083
(Paratia fi 800)	3175	3	0,000	-16,440	-6,841	-6,841	0,000	81,799	0,000	0,082	82,925	0,000	0,102
	3176	4	0,000	-16,722	-6,552	-6,552	0,000	68,114	0,000	0,068	104,127	0,000	0,117
	3197	5	0,000	-17,004	-6,248	-6,248	0,000	52,420	0,000	0,052	121,163	0,000	0,129
Plate_1_10	3197	1	0,000	-17,004	-6,246	-6,246	0,000	52,706	0,000	0,053	121,163	0,000	0,129
Element 11-27 (Plate)	3198	2	0,000	-17,291	-5,920	-5,920	0,000	35,268	0,000	0,035	133,787	0,000	0,137
(Paratia fi 800)	3199	3	0,000	-17,577	-5,571	-5,571	0,000	17,185	-0,004	0,017	141,316	0,000	0,141
	3200	4	0,000	-17,864	-5,201	-5,201	0,000	-1,434	-0,011	0,000	143,590	0,000	0,144
	3224	5	0,000	-18,151	-4,807	-4,807	0,000	-20,474	-0,026	0,000	140,458	0,000	0,140
Plate_1_10	3224	1	0,000	-18,151	-4,804	-4,804	0,000	-19,526	-0,026	0,000	140,458	0,000	0,140
Element 11-28 (Plate)	3221	2	0,000	-18,442	-4,376	-4,376	0,000	-39,394	-0,042	0,000	131,891	0,000	0,132
(Paratia fi 800)	3222	3	0,000	-18,733	-3,912	-3,912	0,000	-57,722	-0,058	0,000	117,622	0,000	0,118
	3223	4	0,000	-19,025	-3,409	-3,409	0,000	-72,531	-0,073	0,000	98,597	0,000	0,099
	3245	5	0,000	-19,316	-2,869	-2,869	0,000	-81,843	-0,082	0,000	75,934	0,000	0,076
Plate_1_10	3245	1	0,000	-19,316	-2,859	-2,859	0,000	-96,965	-0,097	0,000	75,934	0,000	0,076
Element 11-29 (Plate)	3246	2	0,000	-19,612	-2,267	-2,267	0,000	-89,017	-0,089	0,000	48,403	0,000	0,048
(Paratia fi 800)	3247	3	0,000	-19,908	-1,599	-1,599	0,000	-73,642	-0,074	0,000	23,850	0,000	0,024

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [10^{-3} kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [10^{-3} kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	3248	4	0,000	-20,204	-0,851	-0,851	0,000	-43,993	-0,044	0,000	6,201	0,000	0,006
	3249	5	0,000	-20,500	-0,015	-0,015	0,000	6,774	0,000	0,007	0,000	0,000	0,000

3.1.1.1.3 Calculation results, Plate, scavo [Phase_2] (2/11), Table of plate force envelopes

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_1	3424	1	0,000	-0,500	-0,001	-0,002	0,001	-0,312	-0,312	0,000	0,000	0,000	0,000
Element 1-1 (Plate)	3425	2	0,000	-0,625	-1,121	-1,121	0,000	3,129	-0,042	3,129	0,183	-0,003	0,183
(Paratia fi 800)	3426	3	0,000	-0,750	-2,226	-2,226	0,000	5,854	-0,056	5,854	0,753	-0,010	0,753
	3427	4	0,000	-0,875	-3,317	-3,317	0,000	7,848	-0,054	7,848	1,617	-0,017	1,617
	3744	5	0,000	-1,000	-4,394	-4,394	0,000	9,092	-0,040	9,092	2,683	-0,023	2,683
Plate_1_2	3744	1	0,000	-1,000	-4,403	-4,403	0,000	9,337	-0,047	9,337	2,683	-0,023	2,683
Element 2-2 (Plate)	3745	2	0,000	-1,250	-6,550	-6,550	0,000	10,742	-0,015	10,742	5,211	-0,030	5,211
(Paratia fi 800)	3746	3	0,000	-1,500	-8,712	-8,712	0,000	11,282	0,000	11,282	7,982	-0,030	7,982
	3747	4	0,000	-1,750	-10,887	-10,887	0,000	10,984	0,000	10,984	10,784	-0,024	10,784
	3780	5	0,000	-2,000	-13,077	-13,077	0,000	9,874	0,000	9,874	13,406	-0,014	13,406
Plate_1_3	3780	1	0,000	-2,000	-13,080	-13,080	0,000	9,887	0,000	9,887	13,406	-0,014	13,406
Element 3-3 (Plate)	3781	2	0,000	-2,125	-14,185	-14,185	0,000	9,055	0,000	9,055	14,592	-0,008	14,592
(Paratia fi 800)	3782	3	0,000	-2,250	-15,298	-15,298	0,000	8,034	0,000	8,034	15,662	-0,002	15,662
	3783	4	0,000	-2,375	-16,417	-16,417	0,000	6,824	0,000	6,824	16,593	0,000	16,593
	3801	5	0,000	-2,500	-17,542	-17,542	0,000	5,425	0,000	5,425	17,360	0,000	17,360
Plate_1_4	3801	1	0,000	-2,500	-17,544	-17,544	0,000	5,426	0,000	5,426	17,360	0,000	17,360
Element 4-4 (Plate)	3798	2	0,000	-2,654	-18,943	-18,943	0,000	3,444	0,000	3,444	18,048	0,000	18,048
(Paratia fi 800)	3799	3	0,000	-2,808	-20,358	-20,358	0,000	1,178	0,000	1,313	18,408	0,000	18,408
	3800	4	0,000	-2,963	-21,788	-21,788	0,000	-1,373	-1,373	0,080	18,396	0,000	18,396
	4112	5	0,000	-3,117	-23,231	-23,231	0,000	-4,207	-4,207	0,000	17,970	0,000	17,970
Plate_1_4	4112	1	0,000	-3,117	-23,232	-23,232	0,000	-4,208	-4,208	0,000	17,970	0,000	17,970
Element 4-5 (Plate)	4113	2	0,000	-3,213	-24,136	-24,136	0,000	-6,112	-6,112	0,000	17,477	0,000	17,477
(Paratia fi 800)	4114	3	0,000	-3,308	-25,048	-25,048	0,000	-8,128	-8,128	0,000	16,795	0,000	16,795
	4115	4	0,000	-3,404	-25,965	-25,965	0,000	-10,254	-10,254	0,000	15,916	0,000	15,916
	4380	5	0,000	-3,500	-26,889	-26,889	0,000	-12,491	-12,491	0,000	14,828	0,000	14,828
Plate_1_5	4380	1	0,000	-3,500	-26,890	-26,890	0,000	-12,491	-12,491	0,000	14,828	0,000	14,828

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Element 5-6 (Plate)	4381	2	0,000	-3,578	-27,643	-27,643	0,000	-14,386	-14,386	0,000	13,785	0,000	13,785
(Paratia fi 800)	4382	3	0,000	-3,655	-28,402	-28,402	0,000	-16,355	-16,355	0,000	12,592	-0,001	12,592
	4383	4	0,000	-3,733	-29,165	-29,165	0,000	-18,397	-18,397	0,000	11,243	-0,007	11,243
	4398	5	0,000	-3,811	-29,932	-29,932	0,000	-20,511	-20,511	0,000	9,733	-0,013	9,733
Plate_1_6	4398	1	0,000	-3,811	-29,922	-29,922	0,000	-20,027	-20,027	0,000	9,733	-0,013	9,733
Element 6-7 (Plate)	4399	2	0,000	-3,983	-29,465	-29,465	0,000	-19,779	-19,779	0,000	6,323	-0,030	6,323
(Paratia fi 800)	4400	3	0,000	-4,155	-29,069	-29,069	0,000	-20,667	-20,667	0,000	2,848	-0,053	3,065
	4401	4	0,000	-4,328	-28,732	-28,732	0,000	-22,510	-22,510	0,000	-0,858	-0,858	1,143
	4428	5	0,000	-4,500	-28,451	-28,451	0,000	-25,125	-25,125	0,000	-4,954	-4,954	0,000
Plate_1_7	4428	1	0,000	-4,500	-28,447	-28,447	0,000	-24,990	-24,990	0,000	-4,954	-4,954	0,000
Element 7-8 (Plate)	4429	2	0,000	-4,598	-28,305	-28,305	0,000	-26,536	-26,536	0,000	-7,465	-7,465	0,000
(Paratia fi 800)	4430	3	0,000	-4,695	-28,175	-28,175	0,000	-28,141	-28,141	0,000	-10,130	-10,130	0,000
	4431	4	0,000	-4,793	-28,057	-28,057	0,000	-29,800	-29,800	0,000	-12,955	-12,955	0,000
	4448	5	0,000	-4,890	-27,950	-27,950	0,000	-31,504	-31,504	0,000	-15,943	-15,943	0,000
Plate_1_8	4448	1	0,000	-4,890	-27,948	-27,948	0,000	-31,408	-31,408	0,000	-15,943	-15,943	0,000
Element 9-15 (Plate)	4449	2	0,000	-5,043	-27,802	-27,802	0,000	-34,196	-34,196	0,000	-20,947	-20,947	0,000
(Paratia fi 800)	4450	3	0,000	-5,195	-27,672	-27,672	0,000	-36,630	-36,630	0,000	-26,356	-26,356	0,000
	4451	4	0,000	-5,348	-27,558	-27,558	0,000	-38,571	-38,571	0,000	-32,096	-32,096	0,000
	4447	5	0,000	-5,500	-27,461	-27,461	0,000	-39,880	-39,880	0,000	-38,087	-38,087	0,000
Plate_1_9	4447	1	0,000	-5,500	-27,586	-27,586	0,000	-39,891	-39,891	0,000	-38,087	-38,087	0,000
Element 10-16 (Plate)	4222	2	0,000	-5,731	-25,196	-25,196	0,000	-26,635	-26,635	0,000	-45,711	-45,711	0,000
(Paratia fi 800)	4223	3	0,000	-5,962	-22,906	-22,906	0,000	-15,894	-15,894	0,000	-50,575	-50,575	0,000
	4224	4	0,000	-6,192	-20,716	-20,716	0,000	-7,531	-7,531	0,000	-53,232	-53,232	0,000
	4225	5	0,000	-6,423	-18,627	-18,627	0,000	-1,408	-1,408	0,075	-54,223	-54,223	0,000
Plate_1_9	4225	1	0,000	-6,423	-18,624	-18,624	0,000	-1,102	-1,102	0,072	-54,223	-54,223	0,000
Element 10-17 (Plate)	4199	2	0,000	-6,663	-16,547	-16,547	0,000	3,704	0,000	3,704	-53,885	-53,885	0,000
(Paratia fi 800)	4200	3	0,000	-6,903	-14,564	-14,564	0,000	7,310	0,000	7,310	-52,542	-52,542	0,000
	4201	4	0,000	-7,143	-12,675	-12,675	0,000	9,807	0,000	9,807	-50,463	-50,463	0,000
	4365	5	0,000	-7,383	-10,883	-10,883	0,000	11,288	0,000	11,288	-47,914	-47,914	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_9	4365	1	0,000	-7,383	-10,880	-10,880	0,000	11,392	0,000	11,392	-47,914	-47,914	0,000
Element 10-18 (Plate)	4366	2	0,000	-7,633	-9,114	-10,271	0,000	12,231	0,000	12,231	-44,954	-44,954	0,000
(Paratia fi 800)	4367	3	0,000	-7,882	-7,440	-10,342	0,000	12,532	0,000	12,532	-41,853	-41,853	0,000
	4368	4	0,000	-8,132	-5,858	-10,415	0,000	12,335	0,000	12,335	-38,738	-38,738	0,000
	4369	5	0,000	-8,382	-4,369	-10,490	0,000	11,680	0,000	11,680	-35,733	-35,733	0,000
Plate_1_9	4369	1	0,000	-8,382	-4,365	-10,490	0,000	11,726	0,000	11,726	-35,733	-35,733	0,000
Element 10-19 (Plate)	4347	2	0,000	-8,641	-2,908	-10,570	0,000	10,722	0,000	10,722	-32,814	-32,814	0,000
(Paratia fi 800)	4348	3	0,000	-8,901	-1,535	-10,652	0,000	9,489	0,000	9,489	-30,186	-30,186	0,000
	4349	4	0,000	-9,160	-0,249	-10,736	0,000	8,050	0,000	8,050	-27,904	-27,904	0,000
	4346	5	0,000	-9,420	0,952	-10,822	0,952	6,428	0,000	6,428	-26,022	-26,022	0,000
Plate_1_9	4346	1	0,000	-9,420	0,955	-10,822	0,955	6,546	0,000	6,546	-26,022	-26,022	0,000
Element 10-20 (Plate)	4063	2	0,000	-9,690	2,123	-10,913	2,123	4,678	0,000	4,678	-24,509	-24,509	0,000
(Paratia fi 800)	4064	3	0,000	-9,960	3,214	-11,008	3,214	3,012	-0,008	3,012	-23,480	-23,480	0,000
	4065	4	0,000	-10,230	4,228	-11,108	4,228	1,681	-0,041	1,681	-22,852	-22,852	0,000
	4265	5	0,000	-10,500	5,163	-11,213	5,163	0,817	-0,083	0,817	-22,528	-22,528	0,000
Plate_1_10	4265	1	0,000	-10,500	5,169	-11,211	5,169	1,286	-0,093	1,286	-22,528	-22,528	0,000
Element 11-21 (Plate)	4262	2	0,000	-10,760	6,778	-11,025	6,778	3,144	-0,052	3,144	-21,939	-21,939	0,000
(Paratia fi 800)	4263	3	0,000	-11,020	8,282	-10,845	8,282	4,431	-0,032	4,431	-20,942	-20,942	0,000
	4264	4	0,000	-11,281	9,681	-10,671	9,681	5,193	-0,025	5,193	-19,678	-19,678	0,000
	4261	5	0,000	-11,541	10,972	-10,503	10,972	5,474	-0,023	5,474	-18,281	-18,281	0,000
Plate_1_10	4261	1	0,000	-11,541	10,974	-10,501	10,974	5,530	-0,018	5,530	-18,281	-18,281	0,000
Element 11-22 (Plate)	4243	2	0,000	-11,805	12,180	-10,331	12,180	5,597	-0,009	5,597	-16,807	-16,807	0,000
(Paratia fi 800)	4244	3	0,000	-12,070	13,283	-10,161	13,283	5,520	-0,001	5,520	-15,334	-15,334	0,000
	4245	4	0,000	-12,334	14,283	-9,992	14,283	5,317	0,000	5,317	-13,898	-13,898	0,000
	4242	5	0,000	-12,599	15,180	-9,822	15,180	5,005	0,000	5,005	-12,531	-12,531	0,000
Plate_1_10	4242	1	0,000	-12,599	15,182	-9,821	15,182	5,021	0,000	5,021	-12,531	-12,531	0,000
Element 11-23 (Plate)	3839	2	0,000	-12,867	15,991	-9,647	15,991	4,661	0,000	4,661	-11,230	-11,230	0,000
(Paratia fi 800)	3840	3	0,000	-13,136	16,699	-9,470	16,699	4,285	0,000	4,285	-10,027	-10,027	0,000
	3841	4	0,000	-13,405	17,307	-9,290	17,307	3,899	0,000	3,899	-8,927	-8,927	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	3838	5	0,000	-13,673	17,813	-9,107	17,813	3,509	0,000	3,509	-7,932	-7,932	0,000
Plate_1_10	3838	1	0,000	-13,673	17,815	-9,106	17,815	3,514	0,000	3,514	-7,932	-7,932	0,000
Element 11-24 (Plate)	3677	2	0,000	-13,947	18,229	-8,916	18,229	3,137	0,000	3,137	-7,025	-7,025	0,000
(Paratia fi 800)	3678	3	0,000	-14,220	18,544	-8,719	18,544	2,783	0,000	2,783	-6,217	-6,217	0,000
	3679	4	0,000	-14,493	18,759	-8,517	18,759	2,455	0,000	2,455	-5,502	-5,502	0,000
	3676	5	0,000	-14,766	18,876	-8,309	18,876	2,153	0,000	2,153	-4,873	-4,873	0,004
Plate_1_10	3676	1	0,000	-14,766	18,876	-8,308	18,876	2,153	0,000	2,153	-4,873	-4,873	0,004
Element 11-25 (Plate)	3308	2	0,000	-15,043	18,895	-8,090	18,895	1,877	0,000	1,877	-4,315	-4,315	0,016
(Paratia fi 800)	3309	3	0,000	-15,321	18,815	-7,862	18,815	1,629	0,000	1,629	-3,829	-3,829	0,028
	3310	4	0,000	-15,598	18,636	-7,625	18,636	1,409	0,000	1,409	-3,408	-3,408	0,039
	3311	5	0,000	-15,876	18,359	-7,379	18,359	1,218	0,000	1,218	-3,044	-3,044	0,061
Plate_1_10	3311	1	0,000	-15,876	18,360	-7,378	18,360	1,217	0,000	1,217	-3,044	-3,044	0,061
Element 11-26 (Plate)	3174	2	0,000	-16,158	17,979	-7,117	17,979	1,048	0,000	1,048	-2,725	-2,725	0,083
(Paratia fi 800)	3175	3	0,000	-16,440	17,499	-6,841	17,499	0,901	0,000	0,901	-2,451	-2,451	0,102
	3176	4	0,000	-16,722	16,920	-6,552	16,920	0,776	0,000	0,776	-2,215	-2,215	0,117
	3197	5	0,000	-17,004	16,243	-6,248	16,243	0,673	0,000	0,673	-2,011	-2,011	0,129
Plate_1_10	3197	1	0,000	-17,004	16,243	-6,246	16,243	0,672	0,000	0,672	-2,011	-2,011	0,129
Element 11-27 (Plate)	3198	2	0,000	-17,291	15,455	-5,920	15,455	0,584	0,000	0,584	-1,831	-1,831	0,137
(Paratia fi 800)	3199	3	0,000	-17,577	14,566	-5,571	14,566	0,513	-0,004	0,513	-1,674	-1,674	0,141
	3200	4	0,000	-17,864	13,577	-5,201	13,577	0,458	-0,011	0,458	-1,536	-1,536	0,144
	3224	5	0,000	-18,151	12,488	-4,807	12,488	0,419	-0,026	0,419	-1,410	-1,410	0,140
Plate_1_10	3224	1	0,000	-18,151	12,488	-4,804	12,488	0,419	-0,026	0,419	-1,410	-1,410	0,140
Element 11-28 (Plate)	3221	2	0,000	-18,442	11,279	-4,376	11,279	0,390	-0,042	0,390	-1,294	-1,294	0,132
(Paratia fi 800)	3222	3	0,000	-18,733	9,968	-3,912	9,968	0,390	-0,058	0,390	-1,180	-1,180	0,118
	3223	4	0,000	-19,025	8,556	-3,409	8,556	0,400	-0,073	0,400	-1,066	-1,066	0,099
	3245	5	0,000	-19,316	7,046	-2,869	7,046	0,400	-0,082	0,400	-0,949	-0,949	0,076
Plate_1_10	3245	1	0,000	-19,316	7,055	-2,859	7,055	0,489	-0,097	0,489	-0,949	-0,949	0,076
Element 11-29 (Plate)	3246	2	0,000	-19,612	5,402	-2,267	5,402	0,424	-0,089	0,424	-0,849	-0,849	0,048
(Paratia fi 800)	3247	3	0,000	-19,908	3,662	-1,599	3,662	0,957	-0,074	0,957	-0,624	-0,624	0,024

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	3248	4	0,000	-20,204	1,846	-0,851	1,846	1,256	-0,044	1,256	-0,306	-0,306	0,006
	3249	5	0,000	-20,500	-0,034	-0,034	0,000	0,491	0,000	0,588	0,000	0,000	0,000

3.1.1.1.4 Calculation results, Plate, chiodo [Phase_10] (10/15), Table of plate force envelopes

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_1	3424	1	0,000	-0,500	0,000	-0,002	0,001	-0,508	-0,508	0,000	0,000	0,000	0,000
Element 1-1 (Plate)	3425	2	0,000	-0,625	-1,123	-1,123	0,000	3,088	-0,042	3,129	0,170	-0,003	0,183
(Paratia fi 800)	3426	3	0,000	-0,750	-2,230	-2,230	0,000	5,883	-0,056	5,886	0,739	-0,010	0,753
	3427	4	0,000	-0,875	-3,322	-3,322	0,000	7,892	-0,054	7,892	1,608	-0,017	1,617
	3744	5	0,000	-1,000	-4,400	-4,400	0,000	9,131	-0,040	9,131	2,680	-0,023	2,685
Plate_1_2	3744	1	0,000	-1,000	-4,409	-4,409	0,000	9,368	-0,047	9,368	2,680	-0,023	2,685
Element 2-2 (Plate)	3745	2	0,000	-1,250	-6,560	-6,560	0,000	10,756	-0,015	10,756	5,213	-0,030	5,217
(Paratia fi 800)	3746	3	0,000	-1,500	-8,725	-8,725	0,000	11,273	0,000	11,282	7,985	-0,030	7,989
	3747	4	0,000	-1,750	-10,903	-10,903	0,000	10,947	0,000	10,984	10,781	-0,024	10,788
	3780	5	0,000	-2,000	-13,095	-13,095	0,000	9,808	0,000	9,874	13,391	-0,014	13,407
Plate_1_3	3780	1	0,000	-2,000	-13,099	-13,099	0,000	9,821	0,000	9,887	13,391	-0,014	13,407
Element 3-3 (Plate)	3781	2	0,000	-2,125	-14,205	-14,205	0,000	8,976	0,000	9,055	14,567	-0,008	14,592
(Paratia fi 800)	3782	3	0,000	-2,250	-15,319	-15,319	0,000	7,943	0,000	8,034	15,627	-0,002	15,662
	3783	4	0,000	-2,375	-16,440	-16,440	0,000	6,723	0,000	6,824	16,546	0,000	16,593
	3801	5	0,000	-2,500	-17,567	-17,567	0,000	5,316	0,000	5,425	17,300	0,000	17,360
Plate_1_4	3801	1	0,000	-2,500	-17,568	-17,568	0,000	5,316	0,000	5,426	17,300	0,000	17,360
Element 4-4 (Plate)	3798	2	0,000	-2,654	-18,970	-18,970	0,000	3,324	0,000	3,444	17,970	0,000	18,048
(Paratia fi 800)	3799	3	0,000	-2,808	-20,386	-20,386	0,000	1,047	0,000	1,313	18,310	0,000	18,408
	3800	4	0,000	-2,963	-21,818	-21,818	0,000	-1,513	-1,513	0,080	18,278	0,000	18,396
	4112	5	0,000	-3,117	-23,263	-23,263	0,000	-4,358	-4,358	0,000	17,829	0,000	17,970
Plate_1_4	4112	1	0,000	-3,117	-23,264	-23,264	0,000	-4,358	-4,358	0,000	17,829	0,000	17,970
Element 4-5 (Plate)	4113	2	0,000	-3,213	-24,169	-24,169	0,000	-6,268	-6,268	0,000	17,321	0,000	17,477
(Paratia fi 800)	4114	3	0,000	-3,308	-25,082	-25,082	0,000	-8,291	-8,291	0,000	16,625	0,000	16,795
	4115	4	0,000	-3,404	-26,001	-26,001	0,000	-10,424	-10,424	0,000	15,729	0,000	15,916
	4380	5	0,000	-3,500	-26,926	-26,926	0,000	-12,668	-12,668	0,000	14,624	0,000	14,828
Plate_1_5	4380	1	0,000	-3,500	-27,057	-27,057	0,000	-12,444	-12,491	0,000	14,624	0,000	14,828

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Element 5-6 (Plate)	4381	2	0,000	-3,578	-27,812	-27,812	0,000	-14,344	-14,386	0,000	13,585	0,000	13,785
(Paratia fi 800)	4382	3	0,000	-3,655	-28,571	-28,571	0,000	-16,319	-16,355	0,000	12,395	-0,001	12,592
	4383	4	0,000	-3,733	-29,335	-29,335	0,000	-18,368	-18,397	0,000	11,049	-0,007	11,243
	4398	5	0,000	-3,811	-30,104	-30,104	0,000	-20,489	-20,511	0,000	9,541	-0,013	9,733
Plate_1_6	4398	1	0,000	-3,811	-30,094	-30,094	0,000	-20,015	-20,027	0,000	9,541	-0,013	9,733
Element 6-7 (Plate)	4399	2	0,000	-3,983	-29,637	-29,637	0,000	-19,756	-19,779	0,000	6,134	-0,030	6,323
(Paratia fi 800)	4400	3	0,000	-4,155	-29,241	-29,241	0,000	-20,640	-20,667	0,000	2,663	-0,053	3,065
	4401	4	0,000	-4,328	-28,904	-28,904	0,000	-22,484	-22,510	0,000	-1,038	-1,038	1,143
	4428	5	0,000	-4,500	-28,624	-28,624	0,000	-25,105	-25,125	0,000	-5,130	-5,130	0,000
Plate_1_7	4428	1	0,000	-4,500	-28,620	-28,620	0,000	-24,969	-24,990	0,000	-5,130	-5,130	0,000
Element 7-8 (Plate)	4429	2	0,000	-4,598	-28,478	-28,478	0,000	-26,518	-26,536	0,000	-7,639	-7,639	0,000
(Paratia fi 800)	4430	3	0,000	-4,695	-28,349	-28,349	0,000	-28,129	-28,141	0,000	-10,303	-10,303	0,000
	4431	4	0,000	-4,793	-28,231	-28,231	0,000	-29,794	-29,800	0,000	-13,127	-13,127	0,000
	4448	5	0,000	-4,890	-28,125	-28,125	0,000	-31,505	-31,506	0,000	-16,114	-16,114	0,000
Plate_1_8	4448	1	0,000	-4,890	-28,123	-28,123	0,000	-31,411	-31,411	0,000	-16,114	-16,114	0,000
Element 9-15 (Plate)	4449	2	0,000	-5,043	-27,977	-27,977	0,000	-34,212	-34,212	0,000	-21,119	-21,119	0,000
(Paratia fi 800)	4450	3	0,000	-5,195	-27,849	-27,849	0,000	-36,671	-36,671	0,000	-26,533	-26,533	0,000
	4451	4	0,000	-5,348	-27,736	-27,736	0,000	-38,654	-38,654	0,000	-32,282	-32,282	0,000
	4447	5	0,000	-5,500	-27,641	-27,641	0,000	-40,026	-40,026	0,000	-38,290	-38,290	0,000
Plate_1_9	4447	1	0,000	-5,500	-27,765	-27,765	0,000	-40,069	-40,069	0,000	-38,290	-38,290	0,000
Element 10-16 (Plate)	4222	2	0,000	-5,731	-25,382	-25,382	0,000	-26,900	-26,900	0,000	-45,968	-45,968	0,000
(Paratia fi 800)	4223	3	0,000	-5,962	-23,096	-23,096	0,000	-16,150	-16,150	0,000	-50,893	-50,893	0,000
	4224	4	0,000	-6,192	-20,907	-20,907	0,000	-7,728	-7,728	0,000	-53,603	-53,603	0,000
	4225	5	0,000	-6,423	-18,816	-18,816	0,000	-1,545	-1,545	0,075	-54,632	-54,632	0,000
Plate_1_9	4225	1	0,000	-6,423	-18,813	-18,813	0,000	-1,235	-1,235	0,072	-54,632	-54,632	0,000
Element 10-17 (Plate)	4199	2	0,000	-6,663	-16,730	-16,730	0,000	3,631	0,000	3,704	-54,318	-54,318	0,000
(Paratia fi 800)	4200	3	0,000	-6,903	-14,738	-14,738	0,000	7,278	0,000	7,310	-52,987	-52,987	0,000
	4201	4	0,000	-7,143	-12,842	-12,842	0,000	9,804	0,000	9,807	-50,913	-50,913	0,000
	4365	5	0,000	-7,383	-11,041	-11,041	0,000	11,306	0,000	11,306	-48,362	-48,362	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_9	4365	1	0,000	-7,383	-11,038	-11,038	0,000	11,412	0,000	11,412	-48,362	-48,362	0,000
Element 10-18 (Plate)	4366	2	0,000	-7,633	-9,263	-10,271	0,000	12,270	0,000	12,270	-45,395	-45,395	0,000
(Paratia fi 800)	4367	3	0,000	-7,882	-7,581	-10,342	0,000	12,588	0,000	12,588	-42,281	-42,281	0,000
	4368	4	0,000	-8,132	-5,991	-10,415	0,000	12,404	0,000	12,404	-39,150	-39,150	0,000
	4369	5	0,000	-8,382	-4,494	-10,490	0,000	11,758	0,000	11,758	-36,127	-36,127	0,000
Plate_1_9	4369	1	0,000	-8,382	-4,491	-10,490	0,000	11,804	0,000	11,804	-36,127	-36,127	0,000
Element 10-19 (Plate)	4347	2	0,000	-8,641	-3,025	-10,570	0,000	10,807	0,000	10,807	-33,187	-33,187	0,000
(Paratia fi 800)	4348	3	0,000	-8,901	-1,646	-10,652	0,000	9,577	0,000	9,577	-30,536	-30,536	0,000
	4349	4	0,000	-9,160	-0,353	-10,736	0,000	8,140	0,000	8,140	-28,231	-28,231	0,000
	4346	5	0,000	-9,420	0,854	-10,822	0,952	6,519	0,000	6,519	-26,326	-26,326	0,000
Plate_1_9	4346	1	0,000	-9,420	0,857	-10,822	0,955	6,637	0,000	6,637	-26,326	-26,326	0,000
Element 10-20 (Plate)	4063	2	0,000	-9,690	2,031	-10,913	2,123	4,767	0,000	4,767	-24,788	-24,788	0,000
(Paratia fi 800)	4064	3	0,000	-9,960	3,128	-11,008	3,214	3,098	-0,008	3,098	-23,736	-23,736	0,000
	4065	4	0,000	-10,230	4,147	-11,108	4,228	1,762	-0,041	1,762	-23,085	-23,085	0,000
	4265	5	0,000	-10,500	5,087	-11,213	5,163	0,890	-0,083	0,890	-22,740	-22,740	0,000
Plate_1_10	4265	1	0,000	-10,500	5,094	-11,211	5,169	1,357	-0,093	1,357	-22,740	-22,740	0,000
Element 11-21 (Plate)	4262	2	0,000	-10,760	6,709	-11,025	6,778	3,206	-0,052	3,206	-22,134	-22,134	0,000
(Paratia fi 800)	4263	3	0,000	-11,020	8,220	-10,845	8,282	4,487	-0,032	4,487	-21,122	-21,122	0,000
	4264	4	0,000	-11,281	9,626	-10,671	9,681	5,243	-0,025	5,243	-19,843	-19,843	0,000
	4261	5	0,000	-11,541	10,924	-10,503	10,972	5,519	-0,023	5,519	-18,434	-18,434	0,000
Plate_1_10	4261	1	0,000	-11,541	10,925	-10,501	10,974	5,576	-0,018	5,576	-18,434	-18,434	0,000
Element 11-22 (Plate)	4243	2	0,000	-11,805	12,138	-10,331	12,180	5,638	-0,009	5,638	-16,948	-16,948	0,000
(Paratia fi 800)	4244	3	0,000	-12,070	13,247	-10,161	13,283	5,558	-0,001	5,558	-15,465	-15,465	0,000
	4245	4	0,000	-12,334	14,253	-9,992	14,283	5,352	0,000	5,352	-14,019	-14,019	0,000
	4242	5	0,000	-12,599	15,156	-9,822	15,180	5,036	0,000	5,036	-12,644	-12,644	0,000
Plate_1_10	4242	1	0,000	-12,599	15,158	-9,821	15,182	5,053	0,000	5,053	-12,644	-12,644	0,000
Element 11-23 (Plate)	3839	2	0,000	-12,867	15,972	-9,647	15,991	4,690	0,000	4,690	-11,335	-11,335	0,000
(Paratia fi 800)	3840	3	0,000	-13,136	16,686	-9,470	16,699	4,311	0,000	4,311	-10,125	-10,125	0,000
	3841	4	0,000	-13,405	17,298	-9,290	17,307	3,922	0,000	3,922	-9,018	-9,018	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	3838	5	0,000	-13,673	17,809	-9,107	17,813	3,531	0,000	3,531	-8,017	-8,017	0,000
Plate_1_10	3838	1	0,000	-13,673	17,810	-9,106	17,815	3,536	0,000	3,536	-8,017	-8,017	0,000
Element 11-24 (Plate)	3677	2	0,000	-13,947	18,229	-8,916	18,229	3,157	0,000	3,157	-7,104	-7,104	0,000
(Paratia fi 800)	3678	3	0,000	-14,220	18,548	-8,719	18,548	2,802	0,000	2,802	-6,291	-6,291	0,000
	3679	4	0,000	-14,493	18,767	-8,517	18,767	2,472	0,000	2,472	-5,571	-5,571	0,000
	3676	5	0,000	-14,766	18,887	-8,309	18,887	2,169	0,000	2,169	-4,938	-4,938	0,004
Plate_1_10	3676	1	0,000	-14,766	18,887	-8,308	18,887	2,169	0,000	2,169	-4,938	-4,938	0,004
Element 11-25 (Plate)	3308	2	0,000	-15,043	18,909	-8,090	18,909	1,893	0,000	1,893	-4,375	-4,375	0,016
(Paratia fi 800)	3309	3	0,000	-15,321	18,832	-7,862	18,832	1,645	0,000	1,645	-3,885	-3,885	0,028
	3310	4	0,000	-15,598	18,656	-7,625	18,656	1,425	0,000	1,425	-3,460	-3,460	0,039
	3311	5	0,000	-15,876	18,381	-7,379	18,381	1,233	0,000	1,233	-3,092	-3,092	0,061
Plate_1_10	3311	1	0,000	-15,876	18,382	-7,378	18,382	1,232	0,000	1,232	-3,092	-3,092	0,061
Element 11-26 (Plate)	3174	2	0,000	-16,158	18,003	-7,117	18,003	1,063	0,000	1,063	-2,768	-2,768	0,083
(Paratia fi 800)	3175	3	0,000	-16,440	17,525	-6,841	17,525	0,916	0,000	0,916	-2,490	-2,490	0,102
	3176	4	0,000	-16,722	16,947	-6,552	16,947	0,791	0,000	0,791	-2,250	-2,250	0,117
	3197	5	0,000	-17,004	16,271	-6,248	16,271	0,686	0,000	0,686	-2,042	-2,042	0,129
Plate_1_10	3197	1	0,000	-17,004	16,271	-6,246	16,271	0,686	0,000	0,686	-2,042	-2,042	0,129
Element 11-27 (Plate)	3198	2	0,000	-17,291	15,484	-5,920	15,484	0,597	0,000	0,597	-1,859	-1,859	0,137
(Paratia fi 800)	3199	3	0,000	-17,577	14,595	-5,571	14,595	0,525	-0,004	0,525	-1,698	-1,698	0,141
	3200	4	0,000	-17,864	13,606	-5,201	13,606	0,469	-0,011	0,469	-1,556	-1,556	0,144
	3224	5	0,000	-18,151	12,518	-4,807	12,518	0,429	-0,026	0,429	-1,428	-1,428	0,140
Plate_1_10	3224	1	0,000	-18,151	12,518	-4,804	12,518	0,429	-0,026	0,429	-1,428	-1,428	0,140
Element 11-28 (Plate)	3221	2	0,000	-18,442	11,308	-4,376	11,308	0,399	-0,042	0,399	-1,308	-1,308	0,132
(Paratia fi 800)	3222	3	0,000	-18,733	9,996	-3,912	9,996	0,399	-0,058	0,399	-1,192	-1,192	0,118
	3223	4	0,000	-19,025	8,581	-3,409	8,581	0,408	-0,073	0,408	-1,075	-1,075	0,099
	3245	5	0,000	-19,316	7,068	-2,869	7,068	0,408	-0,082	0,408	-0,956	-0,956	0,076
Plate_1_10	3245	1	0,000	-19,316	7,077	-2,859	7,077	0,497	-0,097	0,497	-0,956	-0,956	0,076
Element 11-29 (Plate)	3246	2	0,000	-19,612	5,420	-2,267	5,420	0,437	-0,089	0,437	-0,853	-0,853	0,048
(Paratia fi 800)	3247	3	0,000	-19,908	3,675	-1,599	3,675	0,968	-0,074	0,968	-0,625	-0,625	0,024

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	3248	4	0,000	-20,204	1,853	-0,851	1,853	1,258	-0,044	1,258	-0,304	-0,306	0,006
	3249	5	0,000	-20,500	-0,034	-0,034	0,000	0,474	0,000	0,588	0,000	0,000	0,000

3.1.1.1.5 Calculation results, Plate, scavo per plinto [Phase_4] (4/17), Table of plate force envelopes

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_1	3424	1	0,000	-0,500	0,000	-0,002	0,001	-0,587	-0,587	0,000	0,000	0,000	0,000
Element 1-1 (Plate)	3425	2	0,000	-0,625	-1,269	-1,269	0,000	3,562	-0,042	3,562	0,196	-0,003	0,196
(Paratia fi 800)	3426	3	0,000	-0,750	-2,519	-2,519	0,000	6,778	-0,056	6,778	0,852	-0,010	0,852
	3427	4	0,000	-0,875	-3,751	-3,751	0,000	9,092	-0,054	9,092	1,853	-0,017	1,853
	3744	5	0,000	-1,000	-4,967	-4,967	0,000	10,537	-0,040	10,537	3,088	-0,023	3,088
Plate_1_2	3744	1	0,000	-1,000	-4,978	-4,978	0,000	10,785	-0,047	10,785	3,088	-0,023	3,088
Element 2-2 (Plate)	3745	2	0,000	-1,250	-7,402	-7,402	0,000	12,509	-0,015	12,509	6,019	-0,030	6,019
(Paratia fi 800)	3746	3	0,000	-1,500	-9,834	-9,834	0,000	13,328	0,000	13,328	9,267	-0,030	9,267
	3747	4	0,000	-1,750	-12,277	-12,277	0,000	13,278	0,000	13,278	12,612	-0,024	12,612
	3780	5	0,000	-2,000	-14,729	-14,729	0,000	12,396	0,000	12,396	15,838	-0,014	15,838
Plate_1_3	3780	1	0,000	-2,000	-14,734	-14,734	0,000	12,412	0,000	12,412	15,838	-0,014	15,838
Element 3-3 (Plate)	3781	2	0,000	-2,125	-15,969	-15,969	0,000	11,696	0,000	11,696	17,346	-0,008	17,346
(Paratia fi 800)	3782	3	0,000	-2,250	-17,212	-17,212	0,000	10,793	0,000	10,793	18,754	-0,002	18,754
	3783	4	0,000	-2,375	-18,462	-18,462	0,000	9,705	0,000	9,705	20,037	0,000	20,037
	3801	5	0,000	-2,500	-19,716	-19,716	0,000	8,430	0,000	8,430	21,172	0,000	21,172
Plate_1_4	3801	1	0,000	-2,500	-19,718	-19,718	0,000	8,431	0,000	8,431	21,172	0,000	21,172
Element 4-4 (Plate)	3798	2	0,000	-2,654	-21,276	-21,276	0,000	6,604	0,000	6,604	22,335	0,000	22,335
(Paratia fi 800)	3799	3	0,000	-2,808	-22,850	-22,850	0,000	4,496	0,000	4,496	23,194	0,000	23,194
	3800	4	0,000	-2,963	-24,437	-24,437	0,000	2,109	-1,513	2,109	23,707	0,000	23,707
	4112	5	0,000	-3,117	-26,038	-26,038	0,000	-0,559	-4,358	0,000	23,830	0,000	23,830
Plate_1_4	4112	1	0,000	-3,117	-26,039	-26,039	0,000	-0,559	-4,358	0,000	23,830	0,000	23,830
Element 4-5 (Plate)	4113	2	0,000	-3,213	-27,041	-27,041	0,000	-2,357	-6,268	0,000	23,692	0,000	23,692
(Paratia fi 800)	4114	3	0,000	-3,308	-28,050	-28,050	0,000	-4,263	-8,291	0,000	23,375	0,000	23,375
	4115	4	0,000	-3,404	-29,065	-29,065	0,000	-6,279	-10,424	0,000	22,871	0,000	22,871
	4380	5	0,000	-3,500	-30,086	-30,086	0,000	-8,402	-12,668	0,000	22,169	0,000	22,169
Plate_1_5	4380	1	0,000	-3,500	-34,850	-34,850	0,000	-0,153	-12,491	0,000	22,169	0,000	22,169

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Element 5-6 (Plate)	4381	2	0,000	-3,578	-35,682	-35,682	0,000	-1,953	-14,386	0,000	22,088	0,000	22,088
(Paratia fi 800)	4382	3	0,000	-3,655	-36,519	-36,519	0,000	-3,826	-16,355	0,000	21,864	-0,001	21,864
	4383	4	0,000	-3,733	-37,361	-37,361	0,000	-5,771	-18,397	0,000	21,492	-0,007	21,492
	4398	5	0,000	-3,811	-38,206	-38,206	0,000	-7,785	-20,511	0,000	20,966	-0,013	20,966
Plate_1_6	4398	1	0,000	-3,811	-38,207	-38,207	0,000	-7,786	-20,027	0,000	20,966	-0,013	20,966
Element 6-7 (Plate)	4399	2	0,000	-3,983	-40,099	-40,099	0,000	-12,513	-19,779	0,000	19,222	-0,030	19,222
(Paratia fi 800)	4400	3	0,000	-4,155	-42,014	-42,014	0,000	-17,594	-20,667	0,000	16,632	-0,053	16,632
	4401	4	0,000	-4,328	-43,950	-43,950	0,000	-23,026	-23,026	0,000	13,136	-1,038	13,136
	4428	5	0,000	-4,500	-45,904	-45,904	0,000	-28,805	-28,805	0,000	8,675	-5,130	8,675
Plate_1_7	4428	1	0,000	-4,500	-45,904	-45,904	0,000	-28,804	-28,804	0,000	8,675	-5,130	8,675
Element 7-8 (Plate)	4429	2	0,000	-4,598	-47,017	-47,017	0,000	-32,224	-32,224	0,000	5,701	-7,639	5,701
(Paratia fi 800)	4430	3	0,000	-4,695	-48,135	-48,135	0,000	-35,753	-35,753	0,000	2,387	-10,303	2,387
	4431	4	0,000	-4,793	-49,257	-49,257	0,000	-39,388	-39,388	0,000	-1,276	-13,127	0,000
	4448	5	0,000	-4,890	-50,382	-50,382	0,000	-43,125	-43,125	0,000	-5,297	-16,114	0,000
Plate_1_8	4448	1	0,000	-4,890	-50,371	-50,371	0,000	-42,590	-42,590	0,000	-5,297	-16,114	0,000
Element 9-15 (Plate)	4449	2	0,000	-5,043	-49,968	-49,968	0,000	-43,637	-43,637	0,000	-11,858	-21,119	0,000
(Paratia fi 800)	4450	3	0,000	-5,195	-49,613	-49,613	0,000	-45,319	-45,319	0,000	-18,641	-26,533	0,000
	4451	4	0,000	-5,348	-49,304	-49,304	0,000	-47,342	-47,342	0,000	-25,701	-32,282	0,000
	4447	5	0,000	-5,500	-49,038	-49,038	0,000	-49,409	-49,409	0,000	-33,080	-38,290	0,000
Plate_1_9	4447	1	0,000	-5,500	-49,189	-49,189	0,000	-49,274	-49,274	0,000	-33,080	-38,290	0,000
Element 10-16 (Plate)	4222	2	0,000	-5,731	-45,862	-45,862	0,000	-34,196	-34,195	0,000	-42,658	-45,968	0,000
(Paratia fi 800)	4223	3	0,000	-5,962	-42,693	-42,693	0,000	-21,717	-21,717	0,000	-49,064	-50,893	0,000
	4224	4	0,000	-6,192	-39,679	-39,679	0,000	-11,739	-11,739	0,000	-52,877	-53,603	0,000
	4225	5	0,000	-6,423	-36,819	-36,819	0,000	-4,161	-4,161	0,075	-54,666	-54,666	0,000
Plate_1_9	4225	1	0,000	-6,423	-36,807	-36,807	0,000	-3,847	-3,847	0,072	-54,666	-54,666	0,000
Element 10-17 (Plate)	4199	2	0,000	-6,663	-33,958	-33,958	0,000	2,439	0,000	3,704	-54,805	-54,805	0,000
(Paratia fi 800)	4200	3	0,000	-6,903	-31,218	-31,218	0,000	7,266	0,000	7,641	-53,613	-53,613	0,000
	4201	4	0,000	-7,143	-28,588	-28,588	0,000	10,705	0,000	10,761	-51,427	-51,427	0,000
	4365	5	0,000	-7,383	-26,069	-26,069	0,000	12,827	0,000	12,827	-48,579	-48,579	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_9	4365	1	0,000	-7,383	-26,064	-26,064	0,000	12,933	0,000	12,933	-48,579	-48,579	0,000
Element 10-18 (Plate)	4366	2	0,000	-7,633	-23,549	-23,549	0,000	14,101	0,000	14,101	-45,188	-45,395	0,000
(Paratia fi 800)	4367	3	0,000	-7,882	-21,137	-21,137	0,000	14,457	0,000	14,457	-41,608	-42,281	0,000
	4368	4	0,000	-8,132	-18,828	-18,828	0,000	14,059	0,000	14,059	-38,031	-39,150	0,000
	4369	5	0,000	-8,382	-16,625	-16,625	0,000	12,966	0,000	12,966	-34,646	-36,127	0,000
Plate_1_9	4369	1	0,000	-8,382	-16,623	-16,623	0,000	13,046	0,000	13,046	-34,646	-36,127	0,000
Element 10-19 (Plate)	4347	2	0,000	-8,641	-14,439	-14,439	0,000	11,479	0,000	11,479	-31,457	-33,187	0,000
(Paratia fi 800)	4348	3	0,000	-8,901	-12,359	-12,359	0,000	9,653	0,000	9,653	-28,709	-30,536	0,000
	4349	4	0,000	-9,160	-10,385	-10,736	0,000	7,599	0,000	8,140	-26,464	-28,231	0,000
	4346	5	0,000	-9,420	-8,518	-10,822	0,952	5,347	0,000	6,519	-24,780	-26,326	0,000
Plate_1_9	4346	1	0,000	-9,420	-8,515	-10,822	0,955	5,508	0,000	6,637	-24,780	-26,326	0,000
Element 10-20 (Plate)	4063	2	0,000	-9,690	-6,674	-10,913	2,123	2,959	0,000	4,767	-23,641	-24,788	0,000
(Paratia fi 800)	4064	3	0,000	-9,960	-4,931	-11,008	3,214	0,754	-0,008	3,098	-23,155	-23,736	0,000
	4065	4	0,000	-10,230	-3,285	-11,108	4,228	-0,922	-0,922	1,762	-23,186	-23,186	0,000
	4265	5	0,000	-10,500	-1,739	-11,213	5,163	-1,883	-1,883	0,890	-23,585	-23,585	0,000
Plate_1_10	4265	1	0,000	-10,500	-1,731	-11,211	5,169	-1,213	-1,213	1,357	-23,585	-23,585	0,000
Element 11-21 (Plate)	4262	2	0,000	-10,760	0,734	-11,025	6,778	1,556	-0,052	3,206	-23,522	-23,522	0,000
(Paratia fi 800)	4263	3	0,000	-11,020	3,063	-10,845	8,282	3,541	-0,032	4,487	-22,844	-22,844	0,000
	4264	4	0,000	-11,281	5,253	-10,671	9,681	4,804	-0,025	5,243	-21,742	-21,742	0,000
	4261	5	0,000	-11,541	7,301	-10,503	10,972	5,407	-0,023	5,519	-20,401	-20,401	0,000
Plate_1_10	4261	1	0,000	-11,541	7,302	-10,501	10,974	5,483	-0,018	5,576	-20,401	-20,401	0,000
Element 11-22 (Plate)	4243	2	0,000	-11,805	9,242	-10,331	12,180	5,787	-0,009	5,787	-18,906	-18,906	0,000
(Paratia fi 800)	4244	3	0,000	-12,070	11,043	-10,161	13,283	5,882	-0,001	5,882	-17,359	-17,359	0,000
	4245	4	0,000	-12,334	12,705	-9,992	14,283	5,789	0,000	5,789	-15,811	-15,811	0,000
	4242	5	0,000	-12,599	14,227	-9,822	15,180	5,532	0,000	5,532	-14,311	-14,311	0,000
Plate_1_10	4242	1	0,000	-12,599	14,228	-9,821	15,182	5,554	0,000	5,554	-14,311	-14,311	0,000
Element 11-23 (Plate)	3839	2	0,000	-12,867	15,635	-9,647	15,991	5,218	0,000	5,218	-12,863	-12,863	0,000
(Paratia fi 800)	3840	3	0,000	-13,136	16,902	-9,470	16,962	4,845	0,000	4,845	-11,510	-11,510	0,000
	3841	4	0,000	-13,405	18,031	-9,290	18,031	4,443	0,000	4,443	-10,261	-10,261	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	3838	5	0,000	-13,673	19,019	-9,107	19,019	4,021	0,000	4,021	-9,124	-9,124	0,000
Plate_1_10	3838	1	0,000	-13,673	19,020	-9,106	19,020	4,029	0,000	4,029	-9,124	-9,124	0,000
Element 11-24 (Plate)	3677	2	0,000	-13,947	19,885	-8,916	19,885	3,612	0,000	3,612	-8,082	-8,082	0,000
(Paratia fi 800)	3678	3	0,000	-14,220	20,609	-8,719	20,609	3,215	0,000	3,215	-7,150	-7,150	0,000
	3679	4	0,000	-14,493	21,195	-8,517	21,195	2,841	0,000	2,841	-6,323	-6,323	0,000
	3676	5	0,000	-14,766	21,640	-8,309	21,640	2,492	0,000	2,492	-5,596	-5,596	0,004
Plate_1_10	3676	1	0,000	-14,766	21,641	-8,308	21,641	2,493	0,000	2,493	-5,596	-5,596	0,004
Element 11-25 (Plate)	3308	2	0,000	-15,043	21,952	-8,090	21,952	2,171	0,000	2,171	-4,949	-4,949	0,016
(Paratia fi 800)	3309	3	0,000	-15,321	22,122	-7,862	22,122	1,879	0,000	1,879	-4,388	-4,388	0,028
	3310	4	0,000	-15,598	22,152	-7,625	22,152	1,618	0,000	1,618	-3,903	-3,903	0,039
	3311	5	0,000	-15,876	22,040	-7,379	22,040	1,388	0,000	1,388	-3,487	-3,487	0,061
Plate_1_10	3311	1	0,000	-15,876	22,041	-7,378	22,041	1,387	0,000	1,387	-3,487	-3,487	0,061
Element 11-26 (Plate)	3174	2	0,000	-16,158	21,785	-7,117	21,785	1,181	0,000	1,181	-3,126	-3,126	0,083
(Paratia fi 800)	3175	3	0,000	-16,440	21,385	-6,841	21,385	1,002	0,000	1,002	-2,818	-2,818	0,102
	3176	4	0,000	-16,722	20,842	-6,552	20,842	0,847	0,000	0,847	-2,558	-2,558	0,117
	3197	5	0,000	-17,004	20,155	-6,248	20,155	0,716	0,000	0,716	-2,338	-2,338	0,129
Plate_1_10	3197	1	0,000	-17,004	20,155	-6,246	20,155	0,716	0,000	0,716	-2,338	-2,338	0,129
Element 11-27 (Plate)	3198	2	0,000	-17,291	19,312	-5,920	19,312	0,604	0,000	0,604	-2,150	-2,150	0,137
(Paratia fi 800)	3199	3	0,000	-17,577	18,320	-5,571	18,320	0,513	-0,004	0,525	-1,990	-1,990	0,141
	3200	4	0,000	-17,864	17,181	-5,201	17,181	0,443	-0,011	0,469	-1,854	-1,854	0,144
	3224	5	0,000	-18,151	15,895	-4,807	15,895	0,393	-0,026	0,429	-1,734	-1,734	0,140
Plate_1_10	3224	1	0,000	-18,151	15,895	-4,804	15,895	0,394	-0,026	0,429	-1,734	-1,734	0,140
Element 11-28 (Plate)	3221	2	0,000	-18,442	14,436	-4,376	14,436	0,361	-0,042	0,399	-1,626	-1,626	0,132
(Paratia fi 800)	3222	3	0,000	-18,733	12,824	-3,912	12,824	0,371	-0,058	0,399	-1,519	-1,519	0,118
	3223	4	0,000	-19,025	11,061	-3,409	11,061	0,397	-0,073	0,408	-1,408	-1,408	0,099
	3245	5	0,000	-19,316	9,149	-2,869	9,149	0,409	-0,082	0,409	-1,290	-1,290	0,076
Plate_1_10	3245	1	0,000	-19,316	9,163	-2,859	9,163	0,549	-0,097	0,549	-1,290	-1,290	0,076
Element 11-29 (Plate)	3246	2	0,000	-19,612	7,039	-2,267	7,039	0,484	-0,089	0,484	-1,191	-1,191	0,048
(Paratia fi 800)	3247	3	0,000	-19,908	4,784	-1,599	4,784	1,318	-0,074	1,318	-0,894	-0,894	0,024

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	3248	4	0,000	-20,204	2,415	-0,851	2,415	1,809	-0,044	1,809	-0,444	-0,444	0,006
	3249	5	0,000	-20,500	-0,052	-0,052	0,000	0,715	0,000	0,715	0,000	0,000	0,000

3.1.1.1.6 Calculation results, Plate, scavo totale valle [Phase_5] (5/20), Table of plate force envelopes

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_1	3424	1	0,000	-0,500	0,001	-0,002	0,001	-0,702	-0,702	0,000	0,000	0,000	0,000
Element 1-1 (Plate)	3425	2	0,000	-0,625	-1,442	-1,442	0,000	3,608	-0,042	3,625	0,193	-0,003	0,198
(Paratia fi 800)	3426	3	0,000	-0,750	-2,866	-2,866	0,000	6,863	-0,056	6,881	0,858	-0,010	0,863
	3427	4	0,000	-0,875	-4,272	-4,272	0,000	9,120	-0,054	9,158	1,868	-0,017	1,876
	3744	5	0,000	-1,000	-5,662	-5,662	0,000	10,438	-0,040	10,537	3,099	-0,023	3,114
Plate_1_2	3744	1	0,000	-1,000	-5,673	-5,673	0,000	10,763	-0,047	10,822	3,099	-0,023	3,114
Element 2-2 (Plate)	3745	2	0,000	-1,250	-8,451	-8,451	0,000	12,197	-0,015	12,509	5,987	-0,030	6,031
(Paratia fi 800)	3746	3	0,000	-1,500	-11,243	-11,243	0,000	12,768	0,000	13,328	9,125	-0,030	9,267
	3747	4	0,000	-1,750	-14,048	-14,048	0,000	12,516	0,000	13,278	12,304	-0,024	12,612
	3780	5	0,000	-2,000	-16,868	-16,868	0,000	11,481	0,000	12,396	15,318	-0,014	15,838
Plate_1_3	3780	1	0,000	-2,000	-16,872	-16,872	0,000	11,496	0,000	12,412	15,318	-0,014	15,838
Element 3-3 (Plate)	3781	2	0,000	-2,125	-18,293	-18,293	0,000	10,717	0,000	11,696	16,708	-0,008	17,346
(Paratia fi 800)	3782	3	0,000	-2,250	-19,723	-19,723	0,000	9,764	0,000	10,793	17,990	-0,002	18,754
	3783	4	0,000	-2,375	-21,160	-21,160	0,000	8,638	0,000	9,705	19,143	0,000	20,037
	3801	5	0,000	-2,500	-22,604	-22,604	0,000	7,339	0,000	8,430	20,143	0,000	21,172
Plate_1_4	3801	1	0,000	-2,500	-22,605	-22,605	0,000	7,340	0,000	8,431	20,143	0,000	21,172
Element 4-4 (Plate)	3798	2	0,000	-2,654	-24,399	-24,399	0,000	5,499	0,000	6,604	21,136	0,000	22,335
(Paratia fi 800)	3799	3	0,000	-2,808	-26,209	-26,209	0,000	3,397	0,000	4,496	21,825	0,000	23,194
	3800	4	0,000	-2,963	-28,034	-28,034	0,000	1,034	-1,513	2,109	22,170	0,000	23,707
	4112	5	0,000	-3,117	-29,874	-29,874	0,000	-1,589	-4,358	0,000	22,131	0,000	23,830
Plate_1_4	4112	1	0,000	-3,117	-29,875	-29,875	0,000	-1,589	-4,358	0,000	22,131	0,000	23,830
Element 4-5 (Plate)	4113	2	0,000	-3,213	-31,027	-31,027	0,000	-3,349	-6,268	0,000	21,895	0,000	23,692
(Paratia fi 800)	4114	3	0,000	-3,308	-32,186	-32,186	0,000	-5,210	-8,291	0,000	21,486	0,000	23,375
	4115	4	0,000	-3,404	-33,352	-33,352	0,000	-7,172	-10,424	0,000	20,894	0,000	22,871
	4380	5	0,000	-3,500	-34,525	-34,525	0,000	-9,234	-12,668	0,000	20,109	0,000	22,169
Plate_1_5	4380	1	0,000	-3,500	-45,597	-45,597	0,000	9,941	-12,491	9,941	20,109	0,000	22,169

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Element 5-6 (Plate)	4381	2	0,000	-3,578	-46,552	-46,552	0,000	8,195	-14,386	8,195	20,813	0,000	22,088
(Paratia fi 800)	4382	3	0,000	-3,655	-47,513	-47,513	0,000	6,384	-16,355	6,384	21,380	-0,001	21,930
	4383	4	0,000	-3,733	-48,479	-48,479	0,000	4,507	-18,397	4,507	21,803	-0,007	22,015
	4398	5	0,000	-3,811	-49,448	-49,448	0,000	2,566	-20,511	2,566	22,078	-0,013	22,168
Plate_1_6	4398	1	0,000	-3,811	-49,449	-49,449	0,000	2,566	-20,027	2,566	22,078	-0,013	22,168
Element 6-7 (Plate)	4399	2	0,000	-3,983	-51,619	-51,619	0,000	-1,979	-19,779	0,000	22,133	-0,030	22,133
(Paratia fi 800)	4400	3	0,000	-4,155	-53,813	-53,813	0,000	-6,847	-20,667	0,000	21,377	-0,053	21,377
	4401	4	0,000	-4,328	-56,029	-56,029	0,000	-12,035	-23,026	0,000	19,754	-1,038	19,754
	4428	5	0,000	-4,500	-58,266	-58,266	0,000	-17,540	-28,805	0,000	17,211	-5,130	17,211
Plate_1_7	4428	1	0,000	-4,500	-58,266	-58,266	0,000	-17,538	-28,804	0,000	17,211	-5,130	17,211
Element 7-8 (Plate)	4429	2	0,000	-4,598	-59,540	-59,540	0,000	-20,789	-32,224	0,000	15,343	-7,639	15,343
(Paratia fi 800)	4430	3	0,000	-4,695	-60,819	-60,819	0,000	-24,137	-35,753	0,000	13,153	-10,303	13,153
	4431	4	0,000	-4,793	-62,102	-62,102	0,000	-27,580	-39,388	0,000	10,632	-13,127	10,632
	4448	5	0,000	-4,890	-63,389	-63,389	0,000	-31,112	-43,125	0,000	7,773	-16,114	7,773
Plate_1_8	4448	1	0,000	-4,890	-63,380	-63,380	0,000	-31,106	-42,590	0,000	7,773	-16,114	7,773
Element 9-15 (Plate)	4449	2	0,000	-5,043	-65,407	-65,407	0,000	-36,800	-43,637	0,000	2,599	-21,119	2,599
(Paratia fi 800)	4450	3	0,000	-5,195	-67,409	-67,409	0,000	-42,661	-45,319	0,000	-3,461	-26,533	0,000
	4451	4	0,000	-5,348	-69,365	-69,365	0,000	-48,592	-48,592	0,000	-10,419	-32,282	0,000
	4447	5	0,000	-5,500	-71,255	-71,255	0,000	-54,492	-54,492	0,000	-18,279	-38,290	0,000
Plate_1_9	4447	1	0,000	-5,500	-71,794	-71,794	0,000	-52,549	-52,549	0,000	-18,279	-38,290	0,000
Element 10-16 (Plate)	4222	2	0,000	-5,731	-69,592	-69,592	0,000	-31,524	-34,195	0,000	-27,862	-45,968	0,000
(Paratia fi 800)	4223	3	0,000	-5,962	-67,543	-67,543	0,000	-15,892	-21,717	0,000	-33,253	-50,893	0,000
	4224	4	0,000	-6,192	-65,638	-65,638	0,000	-4,964	-11,739	0,000	-35,560	-53,603	0,000
	4225	5	0,000	-6,423	-63,870	-63,870	0,000	1,949	-4,161	1,949	-35,845	-54,666	0,000
Plate_1_9	4225	1	0,000	-6,423	-63,855	-63,855	0,000	2,637	-3,847	2,637	-35,845	-54,666	0,000
Element 10-17 (Plate)	4199	2	0,000	-6,663	-62,120	-62,120	0,000	8,202	0,000	8,202	-34,508	-54,805	0,000
(Paratia fi 800)	4200	3	0,000	-6,903	-60,466	-60,466	0,000	12,107	0,000	12,107	-32,042	-53,613	0,000
	4201	4	0,000	-7,143	-58,893	-58,893	0,000	14,486	0,000	14,486	-28,817	-51,427	0,000
	4365	5	0,000	-7,383	-57,400	-57,400	0,000	15,470	0,000	15,470	-25,198	-48,579	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_9	4365	1	0,000	-7,383	-57,393	-57,393	0,000	15,599	0,000	15,599	-25,198	-48,579	0,000
Element 10-18 (Plate)	4366	2	0,000	-7,633	-55,908	-55,908	0,000	15,650	0,000	15,650	-21,283	-45,395	0,000
(Paratia fi 800)	4367	3	0,000	-7,882	-54,481	-54,481	0,000	14,993	0,000	14,993	-17,445	-42,281	0,000
	4368	4	0,000	-8,132	-53,112	-53,112	0,000	13,698	0,000	14,059	-13,849	-39,150	0,000
	4369	5	0,000	-8,382	-51,802	-51,802	0,000	11,831	0,000	12,966	-10,653	-36,127	0,000
Plate_1_9	4369	1	0,000	-8,382	-51,797	-51,797	0,000	11,892	0,000	13,046	-10,653	-36,127	0,000
Element 10-19 (Plate)	4347	2	0,000	-8,641	-50,487	-50,487	0,000	9,564	0,000	11,479	-7,862	-33,187	0,000
(Paratia fi 800)	4348	3	0,000	-8,901	-49,222	-49,222	0,000	6,994	0,000	9,653	-5,709	-30,536	0,000
	4349	4	0,000	-9,160	-48,002	-48,002	0,000	4,228	0,000	8,140	-4,247	-28,231	0,000
	4346	5	0,000	-9,420	-46,827	-46,827	0,952	1,315	0,000	6,519	-3,525	-26,326	0,000
Plate_1_9	4346	1	0,000	-9,420	-46,825	-46,825	0,955	1,480	0,000	6,637	-3,525	-26,326	0,000
Element 10-20 (Plate)	4063	2	0,000	-9,690	-45,638	-45,638	2,123	-1,668	-1,668	4,767	-3,556	-24,788	0,000
(Paratia fi 800)	4064	3	0,000	-9,960	-44,481	-44,481	3,214	-4,291	-4,291	3,098	-4,384	-23,736	0,000
	4065	4	0,000	-10,230	-43,357	-43,357	4,228	-6,106	-6,106	1,762	-5,801	-23,186	0,000
	4265	5	0,000	-10,500	-42,265	-42,265	5,163	-6,834	-6,834	0,890	-7,578	-23,585	0,000
Plate_1_10	4265	1	0,000	-10,500	-42,259	-42,259	5,169	-5,669	-5,669	1,357	-7,578	-23,585	0,000
Element 11-21 (Plate)	4262	2	0,000	-10,760	-40,361	-40,361	6,778	-1,734	-1,734	3,206	-8,514	-23,522	0,000
(Paratia fi 800)	4263	3	0,000	-11,020	-38,509	-38,509	8,282	1,104	-0,032	4,487	-8,577	-22,844	0,000
	4264	4	0,000	-11,281	-36,710	-36,710	9,681	2,970	-0,025	5,243	-8,024	-21,742	0,000
	4261	5	0,000	-11,541	-34,965	-34,965	10,972	3,990	-0,023	5,519	-7,103	-20,401	0,000
Plate_1_10	4261	1	0,000	-11,541	-34,965	-34,965	10,974	4,085	-0,018	5,576	-7,103	-20,401	0,000
Element 11-22 (Plate)	4243	2	0,000	-11,805	-33,247	-33,247	12,180	4,758	-0,009	5,787	-5,927	-18,906	0,000
(Paratia fi 800)	4244	3	0,000	-12,070	-31,580	-31,580	13,283	5,142	-0,001	5,882	-4,613	-17,359	0,000
	4245	4	0,000	-12,334	-29,966	-29,966	14,283	5,266	0,000	5,789	-3,230	-15,811	0,000
	4242	5	0,000	-12,599	-28,405	-28,405	15,180	5,157	0,000	5,532	-1,848	-14,311	0,000
Plate_1_10	4242	1	0,000	-12,599	-28,404	-28,404	15,182	5,181	0,000	5,554	-1,848	-14,311	0,000
Element 11-23 (Plate)	3839	2	0,000	-12,867	-26,871	-26,871	15,991	4,937	0,000	5,218	-0,487	-12,863	0,000
(Paratia fi 800)	3840	3	0,000	-13,136	-25,390	-25,390	16,962	4,613	0,000	4,845	0,798	-11,510	0,798
	3841	4	0,000	-13,405	-23,964	-23,964	18,031	4,222	0,000	4,443	1,987	-10,261	1,987

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	3838	5	0,000	-13,673	-22,594	-22,594	19,019	3,777	0,000	4,021	3,062	-9,124	3,062
Plate_1_10	3838	1	0,000	-13,673	-22,594	-22,594	19,020	3,791	0,000	4,029	3,062	-9,124	3,062
Element 11-24 (Plate)	3677	2	0,000	-13,947	-21,256	-21,256	19,885	3,317	0,000	3,612	4,033	-8,082	4,033
(Paratia fi 800)	3678	3	0,000	-14,220	-19,974	-19,974	20,609	2,850	0,000	3,215	4,874	-7,150	4,874
	3679	4	0,000	-14,493	-18,748	-18,748	21,195	2,394	0,000	2,841	5,590	-6,323	5,590
	3676	5	0,000	-14,766	-17,579	-17,579	21,640	1,953	0,000	2,492	6,184	-5,596	6,184
Plate_1_10	3676	1	0,000	-14,766	-17,577	-17,577	21,641	1,952	0,000	2,493	6,184	-5,596	6,184
Element 11-25 (Plate)	3308	2	0,000	-15,043	-16,446	-16,446	21,952	1,527	0,000	2,171	6,666	-4,949	6,666
(Paratia fi 800)	3309	3	0,000	-15,321	-15,367	-15,367	22,122	1,113	0,000	1,879	7,032	-4,388	7,032
	3310	4	0,000	-15,598	-14,340	-14,340	22,152	0,710	0,000	1,618	7,285	-3,903	7,285
	3311	5	0,000	-15,876	-13,366	-13,366	22,040	0,318	0,000	1,388	7,427	-3,487	7,427
Plate_1_10	3311	1	0,000	-15,876	-13,363	-13,363	22,041	0,316	0,000	1,387	7,427	-3,487	7,427
Element 11-26 (Plate)	3174	2	0,000	-16,158	-12,422	-12,422	21,785	-0,077	-0,077	1,181	7,461	-3,126	7,461
(Paratia fi 800)	3175	3	0,000	-16,440	-11,525	-11,525	21,385	-0,468	-0,468	1,002	7,384	-2,818	7,384
	3176	4	0,000	-16,722	-10,671	-10,671	20,842	-0,857	-0,857	0,847	7,197	-2,558	7,197
	3197	5	0,000	-17,004	-9,861	-9,861	20,155	-1,244	-1,244	0,716	6,901	-2,338	6,901
Plate_1_10	3197	1	0,000	-17,004	-9,857	-9,857	20,155	-1,241	-1,241	0,716	6,901	-2,338	6,901
Element 11-27 (Plate)	3198	2	0,000	-17,291	-9,073	-9,073	19,312	-1,637	-1,637	0,604	6,488	-2,150	6,488
(Paratia fi 800)	3199	3	0,000	-17,577	-8,318	-8,318	18,320	-2,018	-2,018	0,525	5,964	-1,990	5,964
	3200	4	0,000	-17,864	-7,592	-7,592	17,181	-2,378	-2,378	0,469	5,333	-1,854	5,333
	3224	5	0,000	-18,151	-6,894	-6,894	15,895	-2,714	-2,714	0,429	4,603	-1,734	4,603
Plate_1_10	3224	1	0,000	-18,151	-6,885	-6,885	15,895	-2,701	-2,701	0,429	4,603	-1,734	4,603
Element 11-28 (Plate)	3221	2	0,000	-18,442	-6,198	-6,198	14,436	-3,003	-3,003	0,399	3,768	-1,626	3,768
(Paratia fi 800)	3222	3	0,000	-18,733	-5,505	-5,505	12,824	-3,170	-3,170	0,399	2,867	-1,519	2,867
	3223	4	0,000	-19,025	-4,803	-4,803	11,061	-3,235	-3,235	0,408	1,931	-1,408	1,931
	3245	5	0,000	-19,316	-4,086	-4,086	9,149	-3,234	-3,234	0,409	0,988	-1,290	0,988
Plate_1_10	3245	1	0,000	-19,316	-4,026	-4,026	9,163	-2,986	-2,986	0,549	0,988	-1,290	0,988
Element 11-29 (Plate)	3246	2	0,000	-19,612	-3,340	-3,340	7,039	-2,798	-2,798	0,484	0,013	-1,191	0,048
(Paratia fi 800)	3247	3	0,000	-19,908	-2,491	-2,491	4,784	-0,487	-0,487	1,318	-0,414	-0,894	0,024

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	3248	4	0,000	-20,204	-1,437	-1,437	2,415	1,302	-0,044	1,809	-0,327	-0,444	0,006
	3249	5	0,000	-20,500	-0,135	-0,135	0,000	-0,073	-0,073	0,916	0,000	0,000	0,000

3.1.1.1.7 Calculation results, Plate, terrapieno [Phase_6] (6/25), Table of plate force envelopes

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_1	3424	1	0,000	-0,500	0,001	-0,002	0,001	-0,719	-0,719	0,000	0,000	0,000	0,000
Element 1-1 (Plate)	3425	2	0,000	-0,625	-1,442	-1,442	0,000	3,601	-0,042	3,625	0,192	-0,003	0,198
(Paratia fi 800)	3426	3	0,000	-0,750	-2,866	-2,866	0,000	6,864	-0,056	6,881	0,856	-0,010	0,863
	3427	4	0,000	-0,875	-4,273	-4,273	0,000	9,127	-0,054	9,158	1,866	-0,017	1,876
	3744	5	0,000	-1,000	-5,664	-5,664	0,000	10,447	-0,040	10,537	3,099	-0,023	3,114
Plate_1_2	3744	1	0,000	-1,000	-5,675	-5,675	0,000	10,790	-0,047	10,822	3,099	-0,023	3,114
Element 2-2 (Plate)	3745	2	0,000	-1,250	-8,454	-8,454	0,000	12,214	-0,015	12,509	5,992	-0,030	6,031
(Paratia fi 800)	3746	3	0,000	-1,500	-11,246	-11,246	0,000	12,777	0,000	13,328	9,134	-0,030	9,267
	3747	4	0,000	-1,750	-14,052	-14,052	0,000	12,521	0,000	13,278	12,314	-0,024	12,612
	3780	5	0,000	-2,000	-16,871	-16,871	0,000	11,489	0,000	12,396	15,330	-0,014	15,838
Plate_1_3	3780	1	0,000	-2,000	-16,876	-16,876	0,000	11,502	0,000	12,412	15,330	-0,014	15,838
Element 3-3 (Plate)	3781	2	0,000	-2,125	-18,297	-18,297	0,000	10,722	0,000	11,696	16,720	-0,008	17,346
(Paratia fi 800)	3782	3	0,000	-2,250	-19,726	-19,726	0,000	9,769	0,000	10,793	18,003	-0,002	18,754
	3783	4	0,000	-2,375	-21,163	-21,163	0,000	8,642	0,000	9,705	19,156	0,000	20,037
	3801	5	0,000	-2,500	-22,607	-22,607	0,000	7,342	0,000	8,430	20,157	0,000	21,172
Plate_1_4	3801	1	0,000	-2,500	-22,608	-22,608	0,000	7,343	0,000	8,431	20,157	0,000	21,172
Element 4-4 (Plate)	3798	2	0,000	-2,654	-24,401	-24,401	0,000	5,501	0,000	6,604	21,150	0,000	22,335
(Paratia fi 800)	3799	3	0,000	-2,808	-26,211	-26,211	0,000	3,398	0,000	4,496	21,840	0,000	23,194
	3800	4	0,000	-2,963	-28,036	-28,036	0,000	1,034	-1,513	2,109	22,185	0,000	23,707
	4112	5	0,000	-3,117	-29,875	-29,875	0,000	-1,591	-4,358	0,000	22,145	0,000	23,830
Plate_1_4	4112	1	0,000	-3,117	-29,877	-29,877	0,000	-1,591	-4,358	0,000	22,145	0,000	23,830
Element 4-5 (Plate)	4113	2	0,000	-3,213	-31,028	-31,028	0,000	-3,352	-6,268	0,000	21,910	0,000	23,692
(Paratia fi 800)	4114	3	0,000	-3,308	-32,187	-32,187	0,000	-5,214	-8,291	0,000	21,500	0,000	23,375
	4115	4	0,000	-3,404	-33,353	-33,353	0,000	-7,178	-10,424	0,000	20,907	0,000	22,871
	4380	5	0,000	-3,500	-34,525	-34,525	0,000	-9,241	-12,668	0,000	20,122	0,000	22,169
Plate_1_5	4380	1	0,000	-3,500	-45,555	-45,597	0,000	9,861	-12,491	9,941	20,122	0,000	22,169

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Element 5-6 (Plate)	4381	2	0,000	-3,578	-46,510	-46,552	0,000	8,115	-14,386	8,195	20,820	0,000	22,088
(Paratia fi 800)	4382	3	0,000	-3,655	-47,471	-47,513	0,000	6,303	-16,355	6,384	21,380	-0,001	21,930
	4383	4	0,000	-3,733	-48,436	-48,479	0,000	4,426	-18,397	4,507	21,797	-0,007	22,015
	4398	5	0,000	-3,811	-49,406	-49,448	0,000	2,484	-20,511	2,566	22,066	-0,013	22,168
Plate_1_6	4398	1	0,000	-3,811	-49,406	-49,449	0,000	2,484	-20,027	2,566	22,066	-0,013	22,168
Element 6-7 (Plate)	4399	2	0,000	-3,983	-51,576	-51,619	0,000	-2,061	-19,779	0,000	22,107	-0,030	22,133
(Paratia fi 800)	4400	3	0,000	-4,155	-53,770	-53,813	0,000	-6,929	-20,667	0,000	21,336	-0,053	21,377
	4401	4	0,000	-4,328	-55,986	-56,029	0,000	-12,117	-23,026	0,000	19,699	-1,038	19,754
	4428	5	0,000	-4,500	-58,222	-58,266	0,000	-17,621	-28,805	0,000	17,141	-5,130	17,211
Plate_1_7	4428	1	0,000	-4,500	-58,222	-58,266	0,000	-17,620	-28,804	0,000	17,141	-5,130	17,211
Element 7-8 (Plate)	4429	2	0,000	-4,598	-59,495	-59,540	0,000	-20,871	-32,224	0,000	15,266	-7,639	15,343
(Paratia fi 800)	4430	3	0,000	-4,695	-60,774	-60,819	0,000	-24,219	-35,753	0,000	13,068	-10,303	13,153
	4431	4	0,000	-4,793	-62,058	-62,102	0,000	-27,662	-39,388	0,000	10,539	-13,127	10,632
	4448	5	0,000	-4,890	-63,344	-63,389	0,000	-31,195	-43,125	0,000	7,671	-16,114	7,773
Plate_1_8	4448	1	0,000	-4,890	-63,335	-63,380	0,000	-31,190	-42,590	0,000	7,671	-16,114	7,773
Element 9-15 (Plate)	4449	2	0,000	-5,043	-65,362	-65,407	0,000	-36,885	-43,637	0,000	2,486	-21,119	2,599
(Paratia fi 800)	4450	3	0,000	-5,195	-67,364	-67,409	0,000	-42,752	-45,319	0,000	-3,588	-26,533	0,000
	4451	4	0,000	-5,348	-69,320	-69,365	0,000	-48,695	-48,695	0,000	-10,561	-32,282	0,000
	4447	5	0,000	-5,500	-71,209	-71,255	0,000	-54,616	-54,616	0,000	-18,438	-38,290	0,000
Plate_1_9	4447	1	0,000	-5,500	-71,745	-71,794	0,000	-52,699	-52,699	0,000	-18,438	-38,290	0,000
Element 10-16 (Plate)	4222	2	0,000	-5,731	-69,549	-69,592	0,000	-31,727	-34,195	0,000	-28,062	-45,968	0,000
(Paratia fi 800)	4223	3	0,000	-5,962	-67,506	-67,543	0,000	-16,112	-21,717	0,000	-33,503	-50,893	0,000
	4224	4	0,000	-6,192	-65,608	-65,638	0,000	-5,177	-11,739	0,000	-35,861	-53,603	0,000
	4225	5	0,000	-6,423	-63,848	-63,870	0,000	1,758	-4,161	1,949	-36,192	-54,666	0,000
Plate_1_9	4225	1	0,000	-6,423	-63,832	-63,855	0,000	2,448	-3,847	2,637	-36,192	-54,666	0,000
Element 10-17 (Plate)	4199	2	0,000	-6,663	-62,106	-62,120	0,000	8,048	0,000	8,202	-34,897	-54,805	0,000
(Paratia fi 800)	4200	3	0,000	-6,903	-60,461	-60,466	0,000	11,988	0,000	12,107	-32,463	-53,613	0,000
	4201	4	0,000	-7,143	-58,896	-58,896	0,000	14,405	0,000	14,486	-29,262	-51,427	0,000
	4365	5	0,000	-7,383	-57,411	-57,411	0,000	15,433	0,000	15,470	-25,657	-48,579	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_9	4365	1	0,000	-7,383	-57,404	-57,404	0,000	15,558	0,000	15,599	-25,657	-48,579	0,000
Element 10-18 (Plate)	4366	2	0,000	-7,633	-55,926	-55,926	0,000	15,650	0,000	15,651	-21,747	-45,395	0,000
(Paratia fi 800)	4367	3	0,000	-7,882	-54,506	-54,506	0,000	15,030	0,000	15,030	-17,905	-42,281	0,000
	4368	4	0,000	-8,132	-53,143	-53,143	0,000	13,765	0,000	14,059	-14,295	-39,150	0,000
	4369	5	0,000	-8,382	-51,837	-51,837	0,000	11,922	0,000	12,966	-11,080	-36,127	0,000
Plate_1_9	4369	1	0,000	-8,382	-51,832	-51,832	0,000	11,983	0,000	13,046	-11,080	-36,127	0,000
Element 10-19 (Plate)	4347	2	0,000	-8,641	-50,526	-50,526	0,000	9,679	0,000	11,479	-8,262	-33,187	0,000
(Paratia fi 800)	4348	3	0,000	-8,901	-49,263	-49,263	0,000	7,126	0,000	9,653	-6,077	-30,536	0,000
	4349	4	0,000	-9,160	-48,045	-48,045	0,000	4,374	0,000	8,140	-4,579	-28,231	0,000
	4346	5	0,000	-9,420	-46,871	-46,871	0,952	1,470	0,000	6,519	-3,818	-26,326	0,000
Plate_1_9	4346	1	0,000	-9,420	-46,869	-46,869	0,955	1,632	0,000	6,637	-3,818	-26,326	0,000
Element 10-20 (Plate)	4063	2	0,000	-9,690	-45,680	-45,680	2,123	-1,518	-1,668	4,767	-3,808	-24,788	0,000
(Paratia fi 800)	4064	3	0,000	-9,960	-44,522	-44,522	3,214	-4,159	-4,291	3,098	-4,597	-23,736	0,000
	4065	4	0,000	-10,230	-43,394	-43,394	4,228	-6,001	-6,106	1,762	-5,982	-23,186	0,000
	4265	5	0,000	-10,500	-42,298	-42,298	5,163	-6,754	-6,834	0,890	-7,734	-23,585	0,000
Plate_1_10	4265	1	0,000	-10,500	-42,292	-42,292	5,169	-5,579	-5,669	1,357	-7,734	-23,585	0,000
Element 11-21 (Plate)	4262	2	0,000	-10,760	-40,388	-40,388	6,778	-1,665	-1,734	3,206	-8,650	-23,522	0,000
(Paratia fi 800)	4263	3	0,000	-11,020	-38,532	-38,532	8,282	1,158	-0,032	4,487	-8,697	-22,844	0,000
	4264	4	0,000	-11,281	-36,726	-36,726	9,681	3,018	-0,025	5,243	-8,131	-21,742	0,000
	4261	5	0,000	-11,541	-34,974	-34,974	10,972	4,043	-0,023	5,519	-7,197	-20,401	0,000
Plate_1_10	4261	1	0,000	-11,541	-34,974	-34,974	10,974	4,133	-0,018	5,576	-7,197	-20,401	0,000
Element 11-22 (Plate)	4243	2	0,000	-11,805	-33,248	-33,248	12,180	4,807	-0,009	5,787	-6,009	-18,906	0,000
(Paratia fi 800)	4244	3	0,000	-12,070	-31,573	-31,580	13,283	5,192	-0,001	5,882	-4,681	-17,359	0,000
	4245	4	0,000	-12,334	-29,949	-29,966	14,283	5,317	0,000	5,789	-3,285	-15,811	0,000
	4242	5	0,000	-12,599	-28,378	-28,405	15,180	5,209	0,000	5,532	-1,889	-14,311	0,000
Plate_1_10	4242	1	0,000	-12,599	-28,377	-28,404	15,182	5,233	0,000	5,554	-1,889	-14,311	0,000
Element 11-23 (Plate)	3839	2	0,000	-12,867	-26,833	-26,871	15,991	4,989	0,000	5,218	-0,514	-12,863	0,000
(Paratia fi 800)	3840	3	0,000	-13,136	-25,340	-25,390	16,962	4,661	0,000	4,845	0,784	-11,510	0,798
	3841	4	0,000	-13,405	-23,901	-23,964	18,031	4,262	0,000	4,443	1,985	-10,261	1,987

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	3838	5	0,000	-13,673	-22,516	-22,594	19,019	3,806	0,000	4,021	3,070	-9,124	3,070
Plate_1_10	3838	1	0,000	-13,673	-22,516	-22,594	19,020	3,818	0,000	4,029	3,070	-9,124	3,070
Element 11-24 (Plate)	3677	2	0,000	-13,947	-21,164	-21,256	19,885	3,333	0,000	3,612	4,046	-8,082	4,046
(Paratia fi 800)	3678	3	0,000	-14,220	-19,869	-19,974	20,609	2,855	0,000	3,215	4,891	-7,150	4,891
	3679	4	0,000	-14,493	-18,632	-18,748	21,195	2,391	0,000	2,841	5,608	-6,323	5,608
	3676	5	0,000	-14,766	-17,453	-17,579	21,640	1,944	0,000	2,492	6,199	-5,596	6,199
Plate_1_10	3676	1	0,000	-14,766	-17,451	-17,577	21,641	1,943	0,000	2,493	6,199	-5,596	6,199
Element 11-25 (Plate)	3308	2	0,000	-15,043	-16,312	-16,446	21,952	1,513	0,000	2,171	6,678	-4,949	6,678
(Paratia fi 800)	3309	3	0,000	-15,321	-15,225	-15,367	22,122	1,096	0,000	1,879	7,040	-4,388	7,040
	3310	4	0,000	-15,598	-14,193	-14,340	22,152	0,691	0,000	1,618	7,287	-3,903	7,287
	3311	5	0,000	-15,876	-13,214	-13,366	22,040	0,297	0,000	1,388	7,424	-3,487	7,427
Plate_1_10	3311	1	0,000	-15,876	-13,211	-13,363	22,041	0,295	0,000	1,387	7,424	-3,487	7,427
Element 11-26 (Plate)	3174	2	0,000	-16,158	-12,267	-12,422	21,785	-0,100	-0,100	1,181	7,452	-3,126	7,461
(Paratia fi 800)	3175	3	0,000	-16,440	-11,368	-11,525	21,385	-0,493	-0,493	1,002	7,368	-2,818	7,384
	3176	4	0,000	-16,722	-10,514	-10,671	20,842	-0,883	-0,883	0,847	7,174	-2,558	7,197
	3197	5	0,000	-17,004	-9,706	-9,861	20,155	-1,271	-1,271	0,716	6,870	-2,338	6,901
Plate_1_10	3197	1	0,000	-17,004	-9,702	-9,857	20,155	-1,268	-1,268	0,716	6,870	-2,338	6,901
Element 11-27 (Plate)	3198	2	0,000	-17,291	-8,921	-9,073	19,312	-1,664	-1,664	0,604	6,450	-2,150	6,488
(Paratia fi 800)	3199	3	0,000	-17,577	-8,171	-8,318	18,320	-2,044	-2,044	0,525	5,917	-1,990	5,964
	3200	4	0,000	-17,864	-7,452	-7,592	17,181	-2,403	-2,403	0,469	5,279	-1,854	5,333
	3224	5	0,000	-18,151	-6,762	-6,894	15,895	-2,736	-2,736	0,429	4,542	-1,734	4,603
Plate_1_10	3224	1	0,000	-18,151	-6,753	-6,885	15,895	-2,723	-2,723	0,429	4,542	-1,734	4,603
Element 11-28 (Plate)	3221	2	0,000	-18,442	-6,077	-6,198	14,436	-3,020	-3,020	0,399	3,702	-1,626	3,768
(Paratia fi 800)	3222	3	0,000	-18,733	-5,396	-5,505	12,824	-3,180	-3,180	0,399	2,797	-1,519	2,867
	3223	4	0,000	-19,025	-4,709	-4,803	11,061	-3,238	-3,238	0,408	1,859	-1,408	1,931
	3245	5	0,000	-19,316	-4,009	-4,086	9,149	-3,225	-3,234	0,409	0,917	-1,290	0,988
Plate_1_10	3245	1	0,000	-19,316	-3,948	-4,026	9,163	-2,989	-2,989	0,549	0,917	-1,290	0,988
Element 11-29 (Plate)	3246	2	0,000	-19,612	-3,284	-3,340	7,039	-2,736	-2,798	0,484	-0,052	-1,191	0,048
(Paratia fi 800)	3247	3	0,000	-19,908	-2,459	-2,491	4,784	-0,369	-0,487	1,318	-0,448	-0,894	0,024

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	3248	4	0,000	-20,204	-1,427	-1,437	2,415	1,391	-0,044	1,809	-0,330	-0,444	0,006
	3249	5	0,000	-20,500	-0,143	-0,143	0,000	-0,181	-0,181	0,916	0,000	0,000	0,000

3.1.1.1.8 Calculation results, Plate, plinto+pali [Phase_7] (7/28), Table of plate force envelopes

Structural element	Node [10 ^{3}]	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_1	3424	1	0,000	-0,500	0,001	-0,002	0,001	-0,715	-0,720	0,000	0,000	0,000	0,000
Element 1-1 (Plate)	3425	2	0,000	-0,625	-1,402	-1,442	0,000	3,595	-0,042	3,625	0,191	-0,003	0,198
(Paratia fi 800)	3426	3	0,000	-0,750	-2,787	-2,866	0,000	6,865	-0,056	6,881	0,855	-0,010	0,863
	3427	4	0,000	-0,875	-4,153	-4,273	0,000	9,152	-0,054	9,158	1,867	-0,017	1,876
	3744	5	0,000	-1,000	-5,503	-5,664	0,000	10,510	-0,040	10,537	3,105	-0,023	3,114
Plate_1_2	3744	1	0,000	-1,000	-5,514	-5,675	0,000	10,846	-0,047	10,846	3,105	-0,023	3,114
Element 2-2 (Plate)	3745	2	0,000	-1,250	-8,210	-8,454	0,000	12,349	-0,015	12,509	6,022	-0,030	6,031
(Paratia fi 800)	3746	3	0,000	-1,500	-10,916	-11,246	0,000	12,991	0,000	13,328	9,207	-0,030	9,267
	3747	4	0,000	-1,750	-13,634	-14,052	0,000	12,811	0,000	13,278	12,451	-0,024	12,612
	3780	5	0,000	-2,000	-16,363	-16,871	0,000	11,853	0,000	12,396	15,548	-0,014	15,838
Plate_1_3	3780	1	0,000	-2,000	-16,367	-16,876	0,000	11,865	0,000	12,412	15,548	-0,014	15,838
Element 3-3 (Plate)	3781	2	0,000	-2,125	-17,743	-18,297	0,000	11,118	0,000	11,696	16,986	-0,008	17,346
(Paratia fi 800)	3782	3	0,000	-2,250	-19,126	-19,726	0,000	10,195	0,000	10,793	18,320	-0,002	18,754
	3783	4	0,000	-2,375	-20,516	-21,163	0,000	9,097	0,000	9,705	19,528	0,000	20,037
	3801	5	0,000	-2,500	-21,912	-22,607	0,000	7,823	0,000	8,430	20,587	0,000	21,172
Plate_1_4	3801	1	0,000	-2,500	-21,914	-22,608	0,000	7,824	0,000	8,431	20,587	0,000	21,172
Element 4-4 (Plate)	3798	2	0,000	-2,654	-23,648	-24,401	0,000	6,010	0,000	6,604	21,657	0,000	22,335
(Paratia fi 800)	3799	3	0,000	-2,808	-25,398	-26,211	0,000	3,931	0,000	4,496	22,427	0,000	23,194
	3800	4	0,000	-2,963	-27,162	-28,036	0,000	1,587	-1,513	2,109	22,856	0,000	23,707
	4112	5	0,000	-3,117	-28,941	-29,875	0,000	-1,023	-4,358	0,000	22,903	0,000	23,830
Plate_1_4	4112	1	0,000	-3,117	-28,942	-29,877	0,000	-1,023	-4,358	0,000	22,903	0,000	23,830
Element 4-5 (Plate)	4113	2	0,000	-3,213	-30,055	-31,028	0,000	-2,776	-6,268	0,000	22,722	0,000	23,692
(Paratia fi 800)	4114	3	0,000	-3,308	-31,175	-32,187	0,000	-4,633	-8,291	0,000	22,368	0,000	23,375
	4115	4	0,000	-3,404	-32,303	-33,353	0,000	-6,593	-10,424	0,000	21,831	0,000	22,871
	4380	5	0,000	-3,500	-33,436	-34,525	0,000	-8,654	-12,668	0,000	21,102	0,000	22,169
Plate_1_5	4380	1	0,000	-3,500	-43,620	-45,597	0,000	8,984	-12,491	9,941	21,102	0,000	22,169

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
Element 5-6 (Plate)	4381	2	0,000	-3,578	-44,544	-46,552	0,000	7,238	-14,386	8,195	21,732	0,000	22,088
(Paratia fi 800)	4382	3	0,000	-3,655	-45,472	-47,513	0,000	5,424	-16,355	6,384	22,224	-0,001	22,224
	4383	4	0,000	-3,733	-46,406	-48,479	0,000	3,544	-18,397	4,507	22,573	-0,007	22,573
	4398	5	0,000	-3,811	-47,343	-49,448	0,000	1,598	-20,511	2,566	22,773	-0,013	22,773
Plate_1_6	4398	1	0,000	-3,811	-47,343	-49,449	0,000	1,597	-20,027	2,566	22,773	-0,013	22,773
Element 6-7 (Plate)	4399	2	0,000	-3,983	-49,441	-51,619	0,000	-2,964	-19,779	0,000	22,660	-0,030	22,664
(Paratia fi 800)	4400	3	0,000	-4,155	-51,562	-53,813	0,000	-7,857	-20,667	0,000	21,732	-0,053	21,748
	4401	4	0,000	-4,328	-53,704	-56,029	0,000	-13,079	-23,026	0,000	19,932	-1,038	19,962
	4428	5	0,000	-4,500	-55,866	-58,266	0,000	-18,627	-28,805	0,000	17,205	-5,130	17,248
Plate_1_7	4428	1	0,000	-4,500	-55,866	-58,266	0,000	-18,627	-28,804	0,000	17,205	-5,130	17,248
Element 7-8 (Plate)	4429	2	0,000	-4,598	-57,097	-59,540	0,000	-21,908	-32,224	0,000	15,230	-7,639	15,343
(Paratia fi 800)	4430	3	0,000	-4,695	-58,334	-60,819	0,000	-25,292	-35,753	0,000	12,929	-10,303	13,153
	4431	4	0,000	-4,793	-59,575	-62,102	0,000	-28,775	-39,388	0,000	10,294	-13,127	10,632
	4448	5	0,000	-4,890	-60,818	-63,389	0,000	-32,353	-43,125	0,000	7,315	-16,114	7,773
Plate_2_1	8342	1	4,500	-4,890	-1,707	-1,707	0,000	-133,845	-133,845	0,000	4,805	0,000	4,805
Element 8-9 (Plate)	8346	2	4,825	-4,890	-2,443	-2,443	0,000	-125,206	-125,206	0,000	-37,341	-37,341	0,000
(PLINTO)	8347	3	5,150	-4,890	-2,864	-2,864	0,000	-115,075	-115,075	0,000	-76,404	-76,404	0,000
	8348	4	5,475	-4,890	-3,121	-3,121	0,000	-104,141	-104,141	0,000	-112,070	-112,070	0,000
	8720	5	5,800	-4,890	-3,363	-3,363	0,000	-93,095	-93,095	0,000	-144,097	-144,097	0,000
Plate_2_1	8720	1	5,800	-4,890	-3,351	-3,351	0,000	-93,025	-93,025	0,000	-144,097	-144,097	0,000
Element 8-10 (Plate)	8726	2	6,125	-4,890	-3,514	-3,514	0,000	-81,715	-81,715	0,000	-172,490	-172,490	0,000
(PLINTO)	8725	3	6,450	-4,890	-3,665	-3,665	0,000	-70,300	-70,300	0,000	-197,199	-197,199	0,000
	8724	4	6,775	-4,890	-3,803	-3,803	0,000	-58,809	-58,809	0,000	-218,187	-218,187	0,000
	9250	5	7,100	-4,890	-3,929	-3,929	0,000	-47,269	-47,269	0,000	-235,421	-235,421	0,000
Plate_2_1	9250	1	7,100	-4,890	-3,930	-3,930	0,000	-47,263	-47,263	0,000	-235,421	-235,421	0,000
Element 8-11 (Plate)	9256	2	7,425	-4,890	-4,045	-4,045	0,000	-35,673	-35,673	0,000	-248,897	-248,897	0,000
(PLINTO)	9255	3	7,750	-4,890	-4,152	-4,152	0,000	-24,035	-24,035	0,000	-258,602	-258,602	0,000
	9254	4	8,075	-4,890	-4,251	-4,251	0,000	-12,361	-12,361	0,000	-264,520	-264,520	0,000
	9694	5	8,400	-4,890	-4,343	-4,343	0,000	-0,662	-0,662	0,000	-266,635	-266,635	0,000

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_2_1	9694	1	8,400	-4,890	-4,343	-4,343	0,000	-0,656	-0,656	0,000	-266,635	-266,635	0,000
Element 8-12 (Plate)	9698	2	8,725	-4,890	-4,428	-4,428	0,000	11,075	0,000	11,075	-264,944	-264,944	0,000
(PLINTO)	9699	3	9,050	-4,890	-4,505	-4,505	0,000	22,847	0,000	22,847	-259,431	-259,431	0,000
	9700	4	9,375	-4,890	-4,574	-4,574	0,000	34,649	0,000	34,649	-250,087	-250,087	0,000
	10120	5	9,700	-4,890	-4,636	-4,636	0,000	46,473	0,000	46,473	-236,908	-236,908	0,000
Plate_2_1	10120	1	9,700	-4,890	-4,635	-4,635	0,000	46,479	0,000	46,479	-236,908	-236,908	0,000
Element 8-13 (Plate)	10124	2	10,025	-4,890	-4,683	-4,683	0,000	58,326	0,000	58,326	-219,883	-219,883	0,000
(PLINTO)	10125	3	10,350	-4,890	-4,718	-4,718	0,000	70,202	0,000	70,202	-198,991	-198,991	0,000
	10126	4	10,675	-4,890	-4,733	-4,733	0,000	82,082	0,000	82,082	-174,241	-174,241	0,000
	10486	5	11,000	-4,890	-4,725	-4,725	0,000	93,945	0,000	93,945	-145,641	-145,641	0,000
Plate_2_1	10486	1	11,000	-4,890	-4,744	-4,744	0,000	94,022	0,000	94,022	-145,641	-145,641	0,000
Element 8-14 (Plate)	10490	2	11,325	-4,890	-4,606	-4,606	0,000	105,680	0,000	105,680	-113,217	-113,217	0,000
(PLINTO)	10491	3	11,650	-4,890	-4,449	-4,449	0,000	117,319	0,000	117,319	-76,937	-76,937	0,000
	10492	4	11,975	-4,890	-4,049	-4,049	0,000	128,231	0,000	128,231	-37,021	-37,021	0,000
	10894	5	12,300	-4,890	-3,185	-3,185	0,000	137,706	0,000	137,706	6,243	0,000	6,243
Plate_1_8	4448	1	0,000	-4,890	-60,809	-63,380	0,000	-32,349	-42,590	0,000	7,315	-16,114	7,773
Element 9-15 (Plate)	4449	2	0,000	-5,043	-62,768	-65,407	0,000	-38,124	-43,637	0,000	1,947	-21,119	2,599
(Paratia fi 800)	4450	3	0,000	-5,195	-64,703	-67,409	0,000	-44,091	-45,319	0,000	-4,324	-26,533	0,000
	4451	4	0,000	-5,348	-66,592	-69,365	0,000	-50,154	-50,154	0,000	-11,509	-32,282	0,000
	4447	5	0,000	-5,500	-68,413	-71,255	0,000	-56,216	-56,216	0,000	-19,619	-38,290	0,000
Plate_1_9	4447	1	0,000	-5,500	-68,968	-71,794	0,000	-54,382	-54,382	0,000	-19,619	-38,290	0,000
Element 10-16 (Plate)	4222	2	0,000	-5,731	-66,661	-69,592	0,000	-34,217	-34,217	0,000	-29,733	-45,968	0,000
(Paratia fi 800)	4223	3	0,000	-5,962	-64,513	-67,543	0,000	-19,030	-21,717	0,000	-35,803	-50,893	0,000
	4224	4	0,000	-6,192	-62,518	-65,638	0,000	-8,200	-11,739	0,000	-38,854	-53,603	0,000
	4225	5	0,000	-6,423	-60,666	-63,870	0,000	-1,108	-4,161	1,949	-39,868	-54,666	0,000
Plate_1_9	4225	1	0,000	-6,423	-60,652	-63,855	0,000	-0,466	-3,847	2,637	-39,868	-54,666	0,000
Element 10-17 (Plate)	4199	2	0,000	-6,663	-58,844	-62,120	0,000	5,378	0,000	8,202	-39,245	-54,805	0,000
(Paratia fi 800)	4200	3	0,000	-6,903	-57,133	-60,466	0,000	9,636	0,000	12,107	-37,415	-53,613	0,000
	4201	4	0,000	-7,143	-55,517	-58,896	0,000	12,432	0,000	14,486	-34,735	-51,427	0,000

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
	4365	5	0,000	-7,383	-53,998	-57,411	0,000	13,895	0,000	15,470	-31,552	-48,579	0,000
Plate_1_9	4365	1	0,000	-7,383	-53,992	-57,404	0,000	14,009	0,000	15,599	-31,552	-48,579	0,000
Element 10-18 (Plate)	4366	2	0,000	-7,633	-52,498	-55,926	0,000	14,576	0,000	15,651	-27,969	-45,395	0,000
(Paratia fi 800)	4367	3	0,000	-7,882	-51,081	-54,506	0,000	14,434	0,000	15,030	-24,335	-42,281	0,000
	4368	4	0,000	-8,132	-49,741	-53,143	0,000	13,648	0,000	14,059	-20,815	-39,150	0,000
	4369	5	0,000	-8,382	-48,478	-51,837	0,000	12,280	0,000	12,966	-17,569	-36,127	0,000
Plate_1_9	4369	1	0,000	-8,382	-48,473	-51,832	0,000	12,334	0,000	13,046	-17,569	-36,127	0,000
Element 10-19 (Plate)	4347	2	0,000	-8,641	-47,231	-50,526	0,000	10,504	0,000	11,479	-14,598	-33,187	0,000
(Paratia fi 800)	4348	3	0,000	-8,901	-46,052	-49,263	0,000	8,385	0,000	9,653	-12,141	-30,536	0,000
	4349	4	0,000	-9,160	-44,936	-48,045	0,000	6,021	0,000	8,140	-10,265	-28,231	0,000
	4346	5	0,000	-9,420	-43,882	-46,871	0,952	3,456	0,000	6,519	-9,032	-26,326	0,000
Plate_1_9	4346	1	0,000	-9,420	-43,878	-46,869	0,955	3,588	0,000	6,637	-9,032	-26,326	0,000
Element 10-20 (Plate)	4063	2	0,000	-9,690	-42,832	-45,680	2,123	0,732	-1,668	4,767	-8,450	-24,788	0,000
(Paratia fi 800)	4064	3	0,000	-9,960	-41,829	-44,522	3,214	-1,786	-4,291	3,098	-8,610	-23,736	0,000
	4065	4	0,000	-10,230	-40,870	-43,394	4,228	-3,707	-6,106	1,762	-9,361	-23,186	0,000
	4265	5	0,000	-10,500	-39,955	-42,298	5,163	-4,774	-6,834	0,890	-10,531	-23,585	0,000
Plate_1_10	4265	1	0,000	-10,500	-39,948	-42,292	5,169	-3,739	-5,669	1,357	-10,531	-23,585	0,000
Element 11-21 (Plate)	4262	2	0,000	-10,760	-38,308	-40,388	6,778	-0,423	-1,734	3,206	-11,050	-23,522	0,000
(Paratia fi 800)	4263	3	0,000	-11,020	-36,720	-38,532	8,282	1,981	-0,032	4,487	-10,832	-22,844	0,000
	4264	4	0,000	-11,281	-35,185	-36,726	9,681	3,577	-0,025	5,243	-10,089	-21,742	0,000
	4261	5	0,000	-11,541	-33,706	-34,974	10,972	4,467	-0,023	5,519	-9,030	-20,401	0,000
Plate_1_10	4261	1	0,000	-11,541	-33,705	-34,974	10,974	4,536	-0,018	5,576	-9,030	-20,401	0,000
Element 11-22 (Plate)	4243	2	0,000	-11,805	-32,258	-33,248	12,180	5,115	-0,009	5,787	-7,748	-18,906	0,000
(Paratia fi 800)	4244	3	0,000	-12,070	-30,860	-31,580	13,283	5,439	-0,001	5,882	-6,348	-17,359	0,000
	4245	4	0,000	-12,334	-29,513	-29,966	14,283	5,532	0,000	5,789	-4,891	-15,811	0,000
	4242	5	0,000	-12,599	-28,215	-28,405	15,180	5,418	0,000	5,532	-3,440	-14,311	0,000
Plate_1_10	4242	1	0,000	-12,599	-28,213	-28,404	15,182	5,438	0,000	5,554	-3,440	-14,311	0,000
Element 11-23 (Plate)	3839	2	0,000	-12,867	-26,942	-26,973	15,991	5,198	0,000	5,218	-2,009	-12,863	0,000
(Paratia fi 800)	3840	3	0,000	-13,136	-25,717	-25,734	16,962	4,878	0,000	4,878	-0,654	-11,510	0,798

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
	3841	4	0,000	-13,405	-24,538	-24,542	18,031	4,492	0,000	4,492	0,607	-10,261	1,987
	3838	5	0,000	-13,673	-23,406	-23,406	19,019	4,051	0,000	4,051	1,756	-9,124	3,070
Plate_1_10	3838	1	0,000	-13,673	-23,405	-23,405	19,020	4,061	0,000	4,061	1,756	-9,124	3,070
Element 11-24 (Plate)	3677	2	0,000	-13,947	-22,299	-22,299	19,885	3,590	0,000	3,612	2,801	-8,082	4,046
(Paratia fi 800)	3678	3	0,000	-14,220	-21,238	-21,238	20,609	3,123	0,000	3,215	3,717	-7,150	4,891
	3679	4	0,000	-14,493	-20,221	-20,221	21,195	2,667	0,000	2,841	4,508	-6,323	5,608
	3676	5	0,000	-14,766	-19,249	-19,249	21,640	2,225	0,000	2,492	5,175	-5,596	6,199
Plate_1_10	3676	1	0,000	-14,766	-19,246	-19,246	21,641	2,224	0,000	2,493	5,175	-5,596	6,199
Element 11-25 (Plate)	3308	2	0,000	-15,043	-18,300	-18,300	21,952	1,797	0,000	2,171	5,733	-4,949	6,678
(Paratia fi 800)	3309	3	0,000	-15,321	-17,388	-17,388	22,122	1,379	0,000	1,879	6,173	-4,388	7,040
	3310	4	0,000	-15,598	-16,510	-16,510	22,152	0,972	0,000	1,618	6,499	-3,903	7,287
	3311	5	0,000	-15,876	-15,666	-15,666	22,040	0,573	0,000	1,388	6,713	-3,487	7,427
Plate_1_10	3311	1	0,000	-15,876	-15,662	-15,662	22,041	0,571	0,000	1,387	6,713	-3,487	7,427
Element 11-26 (Plate)	3174	2	0,000	-16,158	-14,832	-14,832	21,785	0,170	-0,100	1,181	6,818	-3,126	7,461
(Paratia fi 800)	3175	3	0,000	-16,440	-14,021	-14,021	21,385	-0,230	-0,493	1,002	6,810	-2,818	7,384
	3176	4	0,000	-16,722	-13,228	-13,228	20,842	-0,628	-0,883	0,847	6,688	-2,558	7,197
	3197	5	0,000	-17,004	-12,454	-12,454	20,155	-1,026	-1,271	0,716	6,455	-2,338	6,901
Plate_1_10	3197	1	0,000	-17,004	-12,449	-12,449	20,155	-1,023	-1,268	0,716	6,455	-2,338	6,901
Element 11-27 (Plate)	3198	2	0,000	-17,291	-11,672	-11,672	19,312	-1,429	-1,664	0,604	6,104	-2,150	6,488
(Paratia fi 800)	3199	3	0,000	-17,577	-10,893	-10,893	18,320	-1,820	-2,044	0,525	5,637	-1,990	5,964
	3200	4	0,000	-17,864	-10,109	-10,109	17,181	-2,191	-2,403	0,469	5,062	-1,854	5,333
	3224	5	0,000	-18,151	-9,320	-9,320	15,895	-2,538	-2,736	0,429	4,384	-1,734	4,603
Plate_1_10	3224	1	0,000	-18,151	-9,309	-9,309	15,895	-2,527	-2,723	0,429	4,384	-1,734	4,603
Element 11-28 (Plate)	3221	2	0,000	-18,442	-8,492	-8,492	14,436	-2,838	-3,020	0,399	3,599	-1,626	3,768
(Paratia fi 800)	3222	3	0,000	-18,733	-7,627	-7,627	12,824	-3,018	-3,180	0,399	2,743	-1,519	2,867
	3223	4	0,000	-19,025	-6,709	-6,709	11,061	-3,099	-3,238	0,408	1,849	-1,408	1,931
	3245	5	0,000	-19,316	-5,733	-5,733	9,149	-3,108	-3,234	0,409	0,945	-1,290	0,988
Plate_1_10	3245	1	0,000	-19,316	-5,667	-5,667	9,163	-2,898	-2,989	0,549	0,945	-1,290	0,988
Element 11-29 (Plate)	3246	2	0,000	-19,612	-4,673	-4,673	7,039	-2,618	-2,798	0,484	0,026	-1,191	0,048

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
(Paratia fi 800)	3247	3	0,000	-19,908	-3,453	-3,453	4,784	-0,510	-0,510	1,318	-0,387	-0,894	0,024
	3248	4	0,000	-20,204	-1,960	-1,960	2,415	1,167	-0,044	1,809	-0,319	-0,444	0,006
	3249	5	0,000	-20,500	-0,146	-0,146	0,000	0,152	-0,181	0,916	0,000	0,000	0,000

3.1.1.1.9 Calculation results, Plate, carico orizzontale [Phase_3] (3/31), Table of plate force envelopes

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
Plate_1_1	3424	1	0,000	-0,500	0,000	-0,002	0,001	0,000	-0,720	0,000	0,000	0,000	0,000
Element 1-1 (Plate)	3425	2	0,000	-0,625	-0,342	-1,442	0,000	-1,014	-1,014	3,625	-0,058	-0,058	0,198
(Paratia fi 800)	3426	3	0,000	-0,750	-0,685	-2,866	0,000	-2,556	-2,556	6,881	-0,276	-0,276	0,863
	3427	4	0,000	-0,875	-1,028	-4,273	0,000	-4,627	-4,627	9,158	-0,719	-0,719	1,876
	3744	5	0,000	-1,000	-1,370	-5,664	0,000	-7,225	-7,225	10,537	-1,454	-1,454	3,114
Plate_1_2	3744	1	0,000	-1,000	-1,370	-5,675	0,000	-7,227	-7,227	10,846	-1,454	-1,454	3,114
Element 2-2 (Plate)	3745	2	0,000	-1,250	-2,055	-8,454	0,000	-14,540	-14,540	12,509	-4,130	-4,130	6,031
(Paratia fi 800)	3746	3	0,000	-1,500	-2,740	-11,246	0,000	-23,983	-23,983	13,328	-8,903	-8,903	9,267
	3747	4	0,000	-1,750	-3,425	-14,052	0,000	-35,550	-35,550	13,278	-16,301	-16,301	12,612
	3780	5	0,000	-2,000	-4,110	-16,871	0,000	-49,232	-49,232	12,396	-26,853	-26,853	15,838
Plate_1_3	3780	1	0,000	-2,000	-4,110	-16,876	0,000	-49,237	-49,237	12,412	-26,853	-26,853	15,838
Element 3-3 (Plate)	3781	2	0,000	-2,125	-4,452	-18,297	0,000	-56,947	-56,947	11,696	-33,482	-33,482	17,346
(Paratia fi 800)	3782	3	0,000	-2,250	-4,795	-19,726	0,000	-65,192	-65,192	10,793	-41,112	-41,112	18,754
	3783	4	0,000	-2,375	-5,138	-21,163	0,000	-73,965	-73,965	9,705	-49,805	-49,805	20,037
	3801	5	0,000	-2,500	-5,480	-22,607	0,000	-83,260	-83,260	8,430	-59,625	-59,625	21,172
Plate_1_4	3801	1	0,000	-2,500	-5,480	-22,608	0,000	-83,265	-83,265	8,431	-59,625	-59,625	21,172
Element 4-4 (Plate)	3798	2	0,000	-2,654	-5,902	-24,401	0,000	-95,104	-95,104	6,604	-73,374	-73,374	22,335
(Paratia fi 800)	3799	3	0,000	-2,808	-6,325	-26,211	0,000	-107,043	-107,043	4,496	-88,964	-88,964	23,194
	3800	4	0,000	-2,963	-6,748	-28,036	0,000	-119,072	-119,072	2,109	-106,401	-106,401	23,707
	4112	5	0,000	-3,117	-7,170	-29,875	0,000	-131,184	-131,184	0,000	-125,693	-125,693	23,830
Plate_1_4	4112	1	0,000	-3,117	-7,170	-29,877	0,000	-131,189	-131,189	0,000	-125,693	-125,693	23,830
Element 4-5 (Plate)	4113	2	0,000	-3,213	-7,433	-31,028	0,000	-138,758	-138,758	0,000	-138,618	-138,618	23,692
(Paratia fi 800)	4114	3	0,000	-3,308	-7,695	-32,187	0,000	-146,367	-146,367	0,000	-152,276	-152,276	23,375
	4115	4	0,000	-3,404	-7,958	-33,353	0,000	-154,012	-154,012	0,000	-166,665	-166,665	22,871
	4380	5	0,000	-3,500	-8,220	-34,525	0,000	-161,686	-161,686	0,000	-181,780	-181,780	22,169
Plate_1_5	4380	1	0,000	-3,500	-61,369	-61,369	0,000	-69,635	-69,635	9,941	-181,780	-181,780	22,169

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
Element 5-6 (Plate)	4381	2	0,000	-3,578	-61,582	-61,582	0,000	-75,718	-75,718	8,195	-187,421	-187,421	22,088
(Paratia fi 800)	4382	3	0,000	-3,655	-61,795	-61,795	0,000	-81,829	-81,829	6,384	-193,539	-193,539	22,224
	4383	4	0,000	-3,733	-62,007	-62,007	0,000	-87,963	-87,963	4,507	-200,131	-200,131	22,573
	4398	5	0,000	-3,811	-62,220	-62,220	0,000	-94,116	-94,116	2,566	-207,197	-207,197	22,773
Plate_1_6	4398	1	0,000	-3,811	-62,220	-62,220	0,000	-94,121	-94,121	2,566	-207,197	-207,197	22,773
Element 6-7 (Plate)	4399	2	0,000	-3,983	-62,692	-62,692	0,000	-107,865	-107,865	0,000	-224,598	-224,598	22,664
(Paratia fi 800)	4400	3	0,000	-4,155	-63,165	-63,165	0,000	-121,733	-121,733	0,000	-244,389	-244,389	21,748
	4401	4	0,000	-4,328	-63,637	-63,637	0,000	-135,716	-135,716	0,000	-266,579	-266,579	19,962
	4428	5	0,000	-4,500	-64,109	-64,109	0,000	-149,805	-149,805	0,000	-291,179	-291,179	17,248
Plate_1_7	4428	1	0,000	-4,500	-64,109	-64,109	0,000	-149,810	-149,810	0,000	-291,179	-291,179	17,248
Element 7-8 (Plate)	4429	2	0,000	-4,598	-64,376	-64,376	0,000	-157,557	-157,557	0,000	-306,159	-306,159	15,343
(Paratia fi 800)	4430	3	0,000	-4,695	-64,643	-64,643	0,000	-165,346	-165,346	0,000	-321,904	-321,904	13,153
	4431	4	0,000	-4,793	-64,911	-64,911	0,000	-173,171	-173,171	0,000	-338,410	-338,410	10,632
	4448	5	0,000	-4,890	-65,178	-65,178	0,000	-181,027	-181,027	0,000	-355,673	-355,673	7,773
Plate_2_1	8342	1	4,500	-4,890	8,788	-1,707	8,788	-192,990	-194,029	0,000	-31,212	-31,212	4,805
Element 8-9 (Plate)	8346	2	4,825	-4,890	6,945	-2,443	6,945	-177,058	-177,986	0,000	-91,337	-91,337	0,000
(PLINTO)	8347	3	5,150	-4,890	5,549	-2,864	5,549	-160,978	-161,840	0,000	-146,280	-146,280	0,000
	8348	4	5,475	-4,890	4,509	-3,121	4,509	-144,801	-145,610	0,000	-195,986	-195,986	0,000
	8720	5	5,800	-4,890	3,735	-3,363	3,735	-128,578	-129,317	0,000	-240,399	-240,399	0,000
Plate_2_1	8720	1	5,800	-4,890	3,723	-3,351	3,723	-128,572	-129,310	0,000	-240,399	-240,399	0,000
Element 8-10 (Plate)	8726	2	6,125	-4,890	3,191	-3,514	3,191	-112,269	-112,922	0,000	-279,529	-279,529	0,000
(PLINTO)	8725	3	6,450	-4,890	2,766	-3,665	2,766	-95,919	-96,478	0,000	-313,366	-313,366	0,000
	8724	4	6,775	-4,890	2,429	-3,803	2,429	-79,541	-80,000	0,000	-341,887	-341,887	0,000
	9250	5	7,100	-4,890	2,158	-3,929	2,158	-63,156	-63,510	0,000	-365,069	-365,069	0,000
Plate_2_1	9250	1	7,100	-4,890	2,158	-3,930	2,158	-63,147	-63,503	0,000	-365,069	-365,069	0,000
Element 8-11 (Plate)	9256	2	7,425	-4,890	1,938	-4,045	1,938	-46,749	-47,001	0,000	-382,925	-382,925	0,000
(PLINTO)	9255	3	7,750	-4,890	1,758	-4,152	1,758	-30,332	-30,482	0,000	-395,452	-395,452	0,000
	9254	4	8,075	-4,890	1,610	-4,251	1,610	-13,913	-13,963	0,000	-402,645	-402,645	0,000
	9694	5	8,400	-4,890	1,488	-4,343	1,488	2,495	-0,662	2,538	-404,499	-404,499	0,000

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
Plate_2_1	9694	1	8,400	-4,890	1,483	-4,343	1,483	2,501	-0,656	2,545	-404,499	-404,499	0,000
Element 8-12 (Plate)	9698	2	8,725	-4,890	1,383	-4,428	1,383	18,904	0,000	19,038	-401,022	-401,022	0,000
(PLINTO)	9699	3	9,050	-4,890	1,300	-4,505	1,300	35,313	0,000	35,531	-392,208	-392,208	0,000
	9700	4	9,375	-4,890	1,231	-4,574	1,231	51,715	0,000	52,011	-378,064	-378,064	0,000
	10120	5	9,700	-4,890	1,173	-4,636	1,173	68,097	0,000	68,465	-358,598	-358,598	0,000
Plate_2_1	10120	1	9,700	-4,890	1,162	-4,635	1,162	68,102	0,000	68,473	-358,598	-358,598	0,000
Element 8-13 (Plate)	10124	2	10,025	-4,890	1,122	-4,683	1,122	84,478	0,000	84,918	-333,810	-333,810	0,000
(PLINTO)	10125	3	10,350	-4,890	1,085	-4,718	1,085	100,854	0,000	101,360	-303,685	-303,685	0,000
	10126	4	10,675	-4,890	1,049	-4,733	1,049	117,221	0,000	117,787	-268,241	-268,241	0,000
	10486	5	11,000	-4,890	1,017	-4,725	1,017	133,570	0,000	134,189	-227,495	-227,495	0,000
Plate_2_1	10486	1	11,000	-4,890	1,009	-4,744	1,009	133,580	0,000	134,204	-227,495	-227,495	0,000
Element 8-14 (Plate)	10490	2	11,325	-4,890	0,984	-4,606	0,984	149,904	0,000	150,590	-181,442	-181,442	0,000
(PLINTO)	10491	3	11,650	-4,890	0,951	-4,449	0,951	166,222	0,000	166,972	-130,056	-130,056	0,000
	10492	4	11,975	-4,890	0,925	-4,049	0,925	182,484	0,000	183,305	-73,379	-73,379	0,000
	10894	5	12,300	-4,890	0,917	-3,185	0,917	198,642	0,000	199,546	-11,455	-11,455	6,243
Plate_1_8	4448	1	0,000	-4,890	-65,178	-65,178	0,000	-181,032	-181,032	0,000	-355,673	-355,673	7,773
Element 9-15 (Plate)	4449	2	0,000	-5,043	-65,595	-65,595	0,000	-193,392	-193,392	0,000	-384,215	-384,215	2,599
(Paratia fi 800)	4450	3	0,000	-5,195	-66,013	-67,409	0,000	-205,849	-205,849	0,000	-414,663	-414,663	0,000
	4451	4	0,000	-5,348	-66,431	-69,365	0,000	-218,395	-218,395	0,000	-447,018	-447,018	0,000
	4447	5	0,000	-5,500	-66,849	-71,255	0,000	-231,020	-231,020	0,000	-481,277	-481,277	0,000
Plate_1_9	4447	1	0,000	-5,500	-67,190	-71,794	0,000	-231,604	-231,604	0,000	-481,277	-481,277	0,000
Element 10-16 (Plate)	4222	2	0,000	-5,731	-64,912	-69,592	0,000	-148,312	-148,312	0,000	-524,793	-524,793	0,000
(Paratia fi 800)	4223	3	0,000	-5,962	-62,754	-67,543	0,000	-79,651	-79,651	0,000	-550,879	-550,879	0,000
	4224	4	0,000	-6,192	-60,728	-65,638	0,000	-23,838	-23,838	0,000	-562,555	-562,555	0,000
	4225	5	0,000	-6,423	-58,845	-63,870	0,000	20,909	-4,161	20,909	-562,714	-562,714	0,000
Plate_1_9	4225	1	0,000	-6,423	-58,832	-63,855	0,000	22,334	-3,847	22,370	-562,714	-562,714	0,000
Element 10-17 (Plate)	4199	2	0,000	-6,663	-56,945	-62,120	0,000	62,187	0,000	62,187	-552,409	-552,409	0,000
(Paratia fi 800)	4200	3	0,000	-6,903	-55,065	-60,466	0,000	94,008	0,000	94,008	-533,505	-533,505	0,000
	4201	4	0,000	-7,143	-53,196	-58,896	0,000	118,019	0,000	118,019	-507,896	-507,896	0,000

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
	4365	5	0,000	-7,383	-51,341	-57,411	0,000	134,438	0,000	134,438	-477,458	-477,458	0,000
Plate_1_9	4365	1	0,000	-7,383	-51,353	-57,404	0,000	134,809	0,000	134,809	-477,458	-477,458	0,000
Element 10-18 (Plate)	4366	2	0,000	-7,633	-49,451	-55,926	0,000	145,445	0,000	145,445	-442,370	-442,370	0,000
(Paratia fi 800)	4367	3	0,000	-7,882	-47,618	-54,506	0,000	150,874	0,000	150,874	-405,286	-405,286	0,000
	4368	4	0,000	-8,132	-45,857	-53,143	0,000	151,548	0,000	151,548	-367,427	-367,427	0,000
	4369	5	0,000	-8,382	-44,175	-51,837	0,000	147,916	0,000	147,916	-329,981	-329,980	0,000
Plate_1_9	4369	1	0,000	-8,382	-44,174	-51,832	0,000	148,499	0,000	148,499	-329,981	-329,980	0,000
Element 10-19 (Plate)	4347	2	0,000	-8,641	-42,508	-50,526	0,000	142,371	0,000	142,371	-292,199	-292,199	0,000
(Paratia fi 800)	4348	3	0,000	-8,901	-40,918	-49,263	0,000	134,822	0,000	134,822	-256,189	-256,189	0,000
	4349	4	0,000	-9,160	-39,406	-48,045	0,000	126,055	0,000	126,055	-222,290	-222,290	0,000
	4346	5	0,000	-9,420	-37,970	-46,871	0,952	116,274	0,000	116,274	-190,826	-190,826	0,000
Plate_1_9	4346	1	0,000	-9,420	-37,971	-46,869	0,955	116,454	0,000	116,454	-190,826	-190,826	0,000
Element 10-20 (Plate)	4063	2	0,000	-9,690	-36,541	-45,680	2,123	106,027	-1,668	106,027	-160,794	-160,794	0,000
(Paratia fi 800)	4064	3	0,000	-9,960	-35,186	-44,522	3,214	95,413	-4,291	95,413	-133,596	-133,596	0,000
	4065	4	0,000	-10,230	-33,912	-43,394	4,228	84,716	-6,106	84,716	-109,271	-109,271	0,000
	4265	5	0,000	-10,500	-32,722	-42,298	5,163	74,040	-6,834	74,040	-87,849	-87,849	0,000
Plate_1_10	4265	1	0,000	-10,500	-32,715	-42,292	5,169	74,210	-5,669	74,210	-87,849	-87,849	0,000
Element 11-21 (Plate)	4262	2	0,000	-10,760	-30,749	-40,388	6,778	63,568	-1,734	63,568	-69,949	-69,949	0,000
(Paratia fi 800)	4263	3	0,000	-11,020	-28,857	-38,532	8,282	53,912	-0,032	53,912	-54,684	-54,684	0,000
	4264	4	0,000	-11,281	-27,044	-36,726	9,681	45,277	-0,025	45,277	-41,798	-41,798	0,000
	4261	5	0,000	-11,541	-25,311	-34,974	10,972	37,697	-0,023	37,697	-31,029	-31,029	0,000
Plate_1_10	4261	1	0,000	-11,541	-25,309	-34,974	10,974	37,620	-0,018	37,620	-31,029	-31,029	0,000
Element 11-22 (Plate)	4243	2	0,000	-11,805	-23,621	-33,248	12,180	30,898	-0,009	30,898	-21,991	-21,991	0,000
(Paratia fi 800)	4244	3	0,000	-12,070	-22,003	-31,580	13,283	25,031	-0,001	25,031	-14,613	-17,359	0,000
	4245	4	0,000	-12,334	-20,455	-29,966	14,283	20,002	0,000	20,002	-8,676	-15,811	0,000
	4242	5	0,000	-12,599	-18,980	-28,405	15,180	15,789	0,000	15,789	-3,963	-14,311	0,000
Plate_1_10	4242	1	0,000	-12,599	-18,979	-28,404	15,182	15,729	0,000	15,729	-3,963	-14,311	0,000
Element 11-23 (Plate)	3839	2	0,000	-12,867	-17,551	-26,973	15,991	12,132	0,000	12,132	-0,233	-12,863	0,000
(Paratia fi 800)	3840	3	0,000	-13,136	-16,195	-25,734	16,962	9,094	0,000	9,094	2,608	-11,510	2,608

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
	3841	4	0,000	-13,405	-14,912	-24,542	18,031	6,587	0,000	6,587	4,703	-10,261	4,703
	3838	5	0,000	-13,673	-13,702	-23,406	19,019	4,588	0,000	4,588	6,193	-9,124	6,193
Plate_1_10	3838	1	0,000	-13,673	-13,702	-23,405	19,020	4,547	0,000	4,547	6,193	-9,124	6,193
Element 11-24 (Plate)	3677	2	0,000	-13,947	-12,546	-22,299	19,885	2,900	0,000	3,612	7,202	-8,082	7,202
(Paratia fi 800)	3678	3	0,000	-14,220	-11,466	-21,238	20,609	1,564	0,000	3,215	7,806	-7,150	7,806
	3679	4	0,000	-14,493	-10,461	-20,221	21,195	0,522	0,000	2,841	8,084	-6,323	8,084
	3676	5	0,000	-14,766	-9,533	-19,249	21,640	-0,243	-0,243	2,492	8,116	-5,596	8,116
Plate_1_10	3676	1	0,000	-14,766	-9,531	-19,246	21,641	-0,271	-0,271	2,493	8,116	-5,596	8,116
Element 11-25 (Plate)	3308	2	0,000	-15,043	-8,664	-18,300	21,952	-0,854	-0,854	2,171	7,956	-4,949	7,956
(Paratia fi 800)	3309	3	0,000	-15,321	-7,866	-17,388	22,122	-1,304	-1,304	1,879	7,654	-4,388	7,654
	3310	4	0,000	-15,598	-7,137	-16,510	22,152	-1,631	-1,631	1,618	7,244	-3,903	7,287
	3311	5	0,000	-15,876	-6,478	-15,666	22,040	-1,847	-1,847	1,388	6,759	-3,487	7,427
Plate_1_10	3311	1	0,000	-15,876	-6,475	-15,662	22,041	-1,860	-1,860	1,387	6,759	-3,487	7,427
Element 11-26 (Plate)	3174	2	0,000	-16,158	-5,871	-14,832	21,785	-2,014	-2,014	1,181	6,212	-3,126	7,461
(Paratia fi 800)	3175	3	0,000	-16,440	-5,326	-14,021	21,385	-2,124	-2,124	1,002	5,627	-2,818	7,384
	3176	4	0,000	-16,722	-4,839	-13,228	20,842	-2,195	-2,195	0,847	5,017	-2,558	7,197
	3197	5	0,000	-17,004	-4,410	-12,454	20,155	-2,231	-2,231	0,716	4,392	-2,338	6,901
Plate_1_10	3197	1	0,000	-17,004	-4,405	-12,449	20,155	-2,234	-2,234	0,716	4,392	-2,338	6,901
Element 11-27 (Plate)	3198	2	0,000	-17,291	-4,021	-11,672	19,312	-2,252	-2,252	0,604	3,749	-2,150	6,488
(Paratia fi 800)	3199	3	0,000	-17,577	-3,678	-10,893	18,320	-2,246	-2,246	0,525	3,103	-1,990	5,964
	3200	4	0,000	-17,864	-3,376	-10,109	17,181	-2,215	-2,403	0,469	2,463	-1,854	5,333
	3224	5	0,000	-18,151	-3,112	-9,320	15,895	-2,153	-2,736	0,429	1,837	-1,734	4,603
Plate_1_10	3224	1	0,000	-18,151	-3,103	-9,309	15,895	-2,166	-2,723	0,429	1,837	-1,734	4,603
Element 11-28 (Plate)	3221	2	0,000	-18,442	-2,866	-8,492	14,436	-2,049	-3,020	0,399	1,221	-1,626	3,768
(Paratia fi 800)	3222	3	0,000	-18,733	-2,634	-7,627	12,824	-1,868	-3,180	0,399	0,649	-1,519	2,867
	3223	4	0,000	-19,025	-2,403	-6,709	11,061	-1,646	-3,238	0,408	0,136	-1,408	1,931
	3245	5	0,000	-19,316	-2,167	-5,733	9,149	-1,410	-3,234	0,409	-0,309	-1,290	0,988
Plate_1_10	3245	1	0,000	-19,316	-2,097	-5,667	9,163	-1,279	-2,989	0,549	-0,309	-1,290	0,988
Element 11-29 (Plate)	3246	2	0,000	-19,612	-1,921	-4,673	7,039	-0,612	-2,798	0,484	-0,614	-1,191	0,048

Structural element	Node [10^3]	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
(Paratia fi 800)	3247	3	0,000	-19,908	-1,565	-3,453	4,784	0,432	-0,510	1,318	-0,623	-0,894	0,024
	3248	4	0,000	-20,204	-0,985	-1,960	2,415	1,219	-0,044	1,809	-0,383	-0,444	0,006
	3249	5	0,000	-20,500	-0,139	-0,146	0,000	1,115	-0,181	1,144	0,000	0,000	0,000

3.1.1.1.10 Calculation results, Plate, carico orizz+sisma [Phase_9] (9/34), Table of plate force envelopes

Structural element	Node [10³]	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_1	3424	1	0,000	-0,500	0,000	-0,002	0,001	0,000	-0,720	0,000	0,000	0,000	0,000
Element 1-1 (Plate)	3425	2	0,000	-0,625	-0,342	-1,442	0,000	-1,046	-1,046	3,625	-0,059	-0,059	0,198
(Paratia fi 800)	3426	3	0,000	-0,750	-0,685	-2,866	0,000	-2,685	-2,685	6,881	-0,286	-0,286	0,863
	3427	4	0,000	-0,875	-1,028	-4,273	0,000	-4,917	-4,917	9,158	-0,755	-0,755	1,876
	3744	5	0,000	-1,000	-1,370	-5,664	0,000	-7,739	-7,739	10,537	-1,540	-1,540	3,114
Plate_1_2	3744	1	0,000	-1,000	-1,370	-5,675	0,000	-7,743	-7,743	10,846	-1,540	-1,540	3,114
Element 2-2 (Plate)	3745	2	0,000	-1,250	-2,055	-8,454	0,000	-15,737	-15,737	12,509	-4,424	-4,424	6,031
(Paratia fi 800)	3746	3	0,000	-1,500	-2,740	-11,246	0,000	-26,109	-26,109	13,328	-9,608	-9,608	9,267
	3747	4	0,000	-1,750	-3,425	-14,052	0,000	-38,850	-38,850	13,278	-17,679	-17,679	12,612
	3780	5	0,000	-2,000	-4,110	-16,871	0,000	-53,952	-53,952	12,396	-29,228	-29,228	15,838
Plate_1_3	3780	1	0,000	-2,000	-4,110	-16,876	0,000	-53,957	-53,957	12,412	-29,228	-29,228	15,838
Element 3-3 (Plate)	3781	2	0,000	-2,125	-4,452	-18,297	0,000	-62,470	-62,470	11,696	-36,497	-36,497	17,346
(Paratia fi 800)	3782	3	0,000	-2,250	-4,795	-19,726	0,000	-71,583	-71,583	10,793	-44,871	-44,871	18,754
	3783	4	0,000	-2,375	-5,138	-21,163	0,000	-81,287	-81,287	9,705	-54,421	-54,421	20,037
	3801	5	0,000	-2,500	-5,480	-22,607	0,000	-91,578	-91,578	8,430	-65,217	-65,217	21,172
Plate_1_4	3801	1	0,000	-2,500	-5,480	-22,608	0,000	-91,583	-91,583	8,431	-65,217	-65,217	21,172
Element 4-4 (Plate)	3798	2	0,000	-2,654	-5,902	-24,401	0,000	-104,738	-104,738	6,604	-80,349	-80,349	22,335
(Paratia fi 800)	3799	3	0,000	-2,808	-6,325	-26,211	0,000	-118,092	-118,092	4,496	-97,533	-97,533	23,194
	3800	4	0,000	-2,963	-6,748	-28,036	0,000	-131,634	-131,634	2,109	-116,790	-116,790	23,707
	4112	5	0,000	-3,117	-7,170	-29,875	0,000	-145,356	-145,356	0,000	-138,141	-138,141	23,830
Plate_1_4	4112	1	0,000	-3,117	-7,170	-29,877	0,000	-145,362	-145,362	0,000	-138,141	-138,141	23,830
Element 4-5 (Plate)	4113	2	0,000	-3,213	-7,433	-31,028	0,000	-153,979	-153,979	0,000	-152,473	-152,473	23,692
(Paratia fi 800)	4114	3	0,000	-3,308	-7,695	-32,187	0,000	-162,676	-162,676	0,000	-167,642	-167,642	23,375
	4115	4	0,000	-3,404	-7,958	-33,353	0,000	-171,446	-171,446	0,000	-183,646	-183,646	22,871
	4380	5	0,000	-3,500	-8,220	-34,525	0,000	-180,283	-180,283	0,000	-200,487	-200,487	22,169
Plate_1_5	4380	1	0,000	-3,500	-72,244	-72,244	0,000	-69,398	-70,166	9,941	-200,487	-200,487	22,169

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
Element 5-6 (Plate)	4381	2	0,000	-3,578	-72,456	-72,456	0,000	-76,451	-76,757	8,195	-206,147	-206,147	22,088
(Paratia fi 800)	4382	3	0,000	-3,655	-72,669	-72,669	0,000	-83,557	-83,732	6,384	-212,360	-212,360	22,224
	4383	4	0,000	-3,733	-72,882	-72,882	0,000	-90,712	-90,751	4,507	-219,126	-219,126	22,573
	4398	5	0,000	-3,811	-73,094	-73,094	0,000	-97,909	-97,909	2,566	-226,446	-226,446	22,773
Plate_1_6	4398	1	0,000	-3,811	-73,095	-73,095	0,000	-97,915	-97,915	2,566	-226,446	-226,446	22,773
Element 6-7 (Plate)	4399	2	0,000	-3,983	-73,567	-73,567	0,000	-114,065	-114,065	0,000	-244,706	-244,706	22,664
(Paratia fi 800)	4400	3	0,000	-4,155	-74,039	-74,039	0,000	-130,465	-130,465	0,000	-265,782	-265,782	21,748
	4401	4	0,000	-4,328	-74,511	-74,511	0,000	-147,101	-147,101	0,000	-289,705	-289,705	19,962
	4428	5	0,000	-4,500	-74,983	-74,983	0,000	-163,962	-163,962	0,000	-316,503	-316,503	17,248
Plate_1_7	4428	1	0,000	-4,500	-74,984	-74,984	0,000	-163,969	-163,969	0,000	-316,503	-316,503	17,248
Element 7-8 (Plate)	4429	2	0,000	-4,598	-75,251	-75,251	0,000	-173,316	-173,316	0,000	-332,942	-332,942	15,343
(Paratia fi 800)	4430	3	0,000	-4,695	-75,518	-75,518	0,000	-182,700	-182,700	0,000	-350,302	-350,302	13,153
	4431	4	0,000	-4,793	-75,785	-75,785	0,000	-192,114	-192,114	0,000	-368,577	-368,577	10,632
	4448	5	0,000	-4,890	-76,052	-76,052	0,000	-201,552	-201,552	0,000	-387,764	-387,764	7,773
Plate_2_1	8342	1	4,500	-4,890	7,291	-1,707	8,788	-185,827	-194,029	0,000	-39,694	-39,694	4,805
Element 8-9 (Plate)	8346	2	4,825	-4,890	4,474	-2,443	6,945	-171,008	-177,986	0,000	-97,687	-97,687	0,000
(PLINTO)	8347	3	5,150	-4,890	2,398	-2,864	5,549	-155,665	-161,840	0,000	-150,787	-150,787	0,000
	8348	4	5,475	-4,890	0,881	-3,121	4,509	-139,995	-145,610	0,000	-198,857	-198,857	0,000
	8720	5	5,800	-4,890	-0,259	-3,363	3,735	-124,199	-129,317	0,000	-241,776	-241,776	0,000
Plate_2_1	8720	1	5,800	-4,890	-0,273	-3,351	3,723	-124,177	-129,310	0,000	-241,776	-241,776	0,000
Element 8-10 (Plate)	8726	2	6,125	-4,890	-1,078	-3,514	3,191	-108,235	-112,922	0,000	-279,538	-279,576	0,000
(PLINTO)	8725	3	6,450	-4,890	-1,713	-3,665	2,766	-92,207	-96,478	0,000	-312,117	-313,366	0,000
	8724	4	6,775	-4,890	-2,207	-3,803	2,429	-76,122	-80,000	0,000	-339,481	-341,887	0,000
	9250	5	7,100	-4,890	-2,590	-3,929	2,158	-60,006	-63,510	0,000	-361,596	-365,069	0,000
Plate_2_1	9250	1	7,100	-4,890	-2,589	-3,930	2,158	-59,997	-63,503	0,000	-361,596	-365,069	0,000
Element 8-11 (Plate)	9256	2	7,425	-4,890	-2,886	-4,045	1,938	-43,851	-47,001	0,000	-378,469	-382,925	0,000
(PLINTO)	9255	3	7,750	-4,890	-3,111	-4,152	1,758	-27,671	-30,482	0,000	-390,093	-395,452	0,000
	9254	4	8,075	-4,890	-3,276	-4,251	1,610	-11,476	-13,963	0,000	-396,458	-402,645	0,000
	9694	5	8,400	-4,890	-3,393	-4,343	1,488	4,710	-0,662	4,710	-397,556	-404,499	0,000

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
Plate_2_1	9694	1	8,400	-4,890	-3,395	-4,343	1,483	4,719	-0,656	4,719	-397,556	-404,499	0,000
Element 8-12 (Plate)	9698	2	8,725	-4,890	-3,468	-4,428	1,383	20,901	0,000	20,901	-393,395	-401,022	0,000
(PLINTO)	9699	3	9,050	-4,890	-3,502	-4,505	1,300	37,093	0,000	37,093	-383,967	-392,208	0,000
	9700	4	9,375	-4,890	-3,503	-4,574	1,231	53,280	0,000	53,280	-369,280	-378,064	0,000
	10120	5	9,700	-4,890	-3,475	-4,636	1,173	69,448	0,000	69,448	-349,339	-358,598	0,000
Plate_2_1	10120	1	9,700	-4,890	-3,487	-4,635	1,162	69,454	0,000	69,454	-349,339	-358,598	0,000
Element 8-13 (Plate)	10124	2	10,025	-4,890	-3,424	-4,683	1,122	85,616	0,000	85,616	-324,147	-333,810	0,000
(PLINTO)	10125	3	10,350	-4,890	-3,339	-4,718	1,085	101,777	0,000	101,777	-293,687	-303,685	0,000
	10126	4	10,675	-4,890	-3,232	-4,733	1,049	117,924	0,000	117,924	-257,978	-268,241	0,000
	10486	5	11,000	-4,890	-3,101	-4,725	1,017	134,042	0,000	134,189	-217,042	-227,495	0,000
Plate_2_1	10486	1	11,000	-4,890	-3,104	-4,744	1,009	134,053	0,000	134,204	-217,042	-227,495	0,000
Element 8-14 (Plate)	10490	2	11,325	-4,890	-2,934	-4,606	0,984	150,131	0,000	150,590	-170,874	-181,442	0,000
(PLINTO)	10491	3	11,650	-4,890	-2,730	-4,449	0,951	166,168	0,000	166,972	-119,458	-130,056	0,000
	10492	4	11,975	-4,890	-2,461	-4,049	0,925	182,093	0,000	183,305	-62,852	-73,379	0,000
	10894	5	12,300	-4,890	-2,095	-3,185	0,917	197,837	0,000	199,546	-1,120	-11,455	6,243
Plate_1_8	4448	1	0,000	-4,890	-76,052	-76,052	0,000	-201,558	-201,558	0,000	-387,764	-387,764	7,773
Element 9-15 (Plate)	4449	2	0,000	-5,043	-76,470	-76,470	0,000	-216,975	-216,975	0,000	-419,668	-419,668	2,599
(Paratia fi 800)	4450	3	0,000	-5,195	-76,888	-76,888	0,000	-232,513	-232,513	0,000	-453,949	-453,949	0,000
	4451	4	0,000	-5,348	-77,306	-77,306	0,000	-248,163	-248,163	0,000	-490,606	-490,606	0,000
	4447	5	0,000	-5,500	-77,723	-77,723	0,000	-263,911	-263,911	0,000	-529,642	-529,642	0,000
Plate_1_9	4447	1	0,000	-5,500	-78,028	-78,028	0,000	-265,909	-265,909	0,000	-529,642	-529,642	0,000
Element 10-16 (Plate)	4222	2	0,000	-5,731	-75,696	-75,696	0,000	-173,742	-173,742	0,000	-580,008	-580,008	0,000
(Paratia fi 800)	4223	3	0,000	-5,962	-73,504	-73,504	0,000	-98,035	-98,035	0,000	-611,127	-611,127	0,000
	4224	4	0,000	-6,192	-71,464	-71,464	0,000	-36,613	-36,613	0,000	-626,367	-626,367	0,000
	4225	5	0,000	-6,423	-69,587	-69,587	0,000	12,696	-4,161	20,909	-628,935	-628,935	0,000
Plate_1_9	4225	1	0,000	-6,423	-69,567	-69,567	0,000	14,377	-3,847	22,370	-628,935	-628,935	0,000
Element 10-17 (Plate)	4199	2	0,000	-6,663	-67,691	-67,691	0,000	58,545	0,000	62,770	-620,022	-620,022	0,000
(Paratia fi 800)	4200	3	0,000	-6,903	-65,805	-65,805	0,000	94,542	0,000	96,419	-601,484	-601,484	0,000
	4201	4	0,000	-7,143	-63,910	-63,910	0,000	122,479	0,000	123,210	-575,272	-575,272	0,000

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
	4365	5	0,000	-7,383	-62,011	-62,011	0,000	142,468	0,000	142,509	-543,326	-543,326	0,000
Plate_1_9	4365	1	0,000	-7,383	-62,024	-62,024	0,000	142,765	0,000	142,797	-543,326	-543,326	0,000
Element 10-18 (Plate)	4366	2	0,000	-7,633	-60,056	-60,056	0,000	156,436	0,000	156,436	-505,864	-505,864	0,000
(Paratia fi 800)	4367	3	0,000	-7,882	-58,135	-58,135	0,000	164,389	0,000	164,389	-465,708	-465,708	0,000
	4368	4	0,000	-8,132	-56,268	-56,268	0,000	167,027	0,000	167,027	-424,219	-424,219	0,000
	4369	5	0,000	-8,382	-54,461	-54,461	0,000	164,755	0,000	164,755	-382,726	-382,726	0,000
Plate_1_9	4369	1	0,000	-8,382	-54,465	-54,465	0,000	165,345	0,000	165,345	-382,726	-382,726	0,000
Element 10-19 (Plate)	4347	2	0,000	-8,641	-52,676	-52,676	0,000	159,738	0,000	159,738	-340,495	-340,495	0,000
(Paratia fi 800)	4348	3	0,000	-8,901	-50,965	-50,965	0,000	152,284	0,000	152,284	-299,955	-299,955	0,000
	4349	4	0,000	-9,160	-49,331	-49,331	0,000	143,235	0,000	143,235	-261,550	-261,550	0,000
	4346	5	0,000	-9,420	-47,774	-47,774	0,952	132,842	0,000	132,842	-225,700	-225,700	0,000
Plate_1_9	4346	1	0,000	-9,420	-47,776	-47,776	0,955	133,056	0,000	133,056	-225,700	-225,700	0,000
Element 10-20 (Plate)	4063	2	0,000	-9,690	-46,219	-46,219	2,123	121,825	-1,668	121,825	-191,293	-191,293	0,000
(Paratia fi 800)	4064	3	0,000	-9,960	-44,740	-44,740	3,214	110,307	-4,291	110,307	-159,949	-159,949	0,000
	4065	4	0,000	-10,230	-43,341	-43,394	4,228	98,618	-6,106	98,618	-131,734	-131,734	0,000
	4265	5	0,000	-10,500	-42,028	-42,298	5,163	86,875	-6,834	86,875	-106,702	-106,702	0,000
Plate_1_10	4265	1	0,000	-10,500	-42,020	-42,292	5,169	87,079	-5,669	87,079	-106,702	-106,702	0,000
Element 11-21 (Plate)	4262	2	0,000	-10,760	-39,880	-40,388	6,778	75,169	-1,734	75,169	-85,618	-85,618	0,000
(Paratia fi 800)	4263	3	0,000	-11,020	-37,814	-38,532	8,282	64,224	-0,032	64,224	-67,502	-67,502	0,000
	4264	4	0,000	-11,281	-35,824	-36,726	9,681	54,294	-0,025	54,294	-52,100	-52,100	0,000
	4261	5	0,000	-11,541	-33,912	-34,974	10,972	45,431	-0,023	45,431	-39,153	-39,153	0,000
Plate_1_10	4261	1	0,000	-11,541	-33,910	-34,974	10,974	45,371	-0,018	45,371	-39,153	-39,153	0,000
Element 11-22 (Plate)	4243	2	0,000	-11,805	-32,035	-33,248	12,180	37,439	-0,009	37,439	-28,228	-28,228	0,000
(Paratia fi 800)	4244	3	0,000	-12,070	-30,224	-31,580	13,283	30,474	-0,001	30,474	-19,268	-19,268	0,000
	4245	4	0,000	-12,334	-28,480	-29,966	14,283	24,458	0,000	24,458	-12,025	-15,811	0,000
	4242	5	0,000	-12,599	-26,803	-28,405	15,180	19,375	0,000	19,375	-6,251	-14,311	0,000
Plate_1_10	4242	1	0,000	-12,599	-26,803	-28,404	15,182	19,312	0,000	19,312	-6,251	-14,311	0,000
Element 11-23 (Plate)	3839	2	0,000	-12,867	-25,165	-26,973	15,991	14,956	0,000	14,956	-1,663	-12,863	0,000
(Paratia fi 800)	3840	3	0,000	-13,136	-23,594	-25,734	16,962	11,265	0,000	11,265	1,847	-11,510	2,608

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
	3841	4	0,000	-13,405	-22,092	-24,542	18,031	8,211	0,000	8,211	4,450	-10,261	4,703
	3838	5	0,000	-13,673	-20,660	-23,406	19,019	5,765	0,000	5,765	6,314	-9,124	6,314
Plate_1_10	3838	1	0,000	-13,673	-20,659	-23,405	19,020	5,717	0,000	5,717	6,314	-9,124	6,314
Element 11-24 (Plate)	3677	2	0,000	-13,947	-19,274	-22,299	19,885	3,702	0,000	3,702	7,591	-8,082	7,591
(Paratia fi 800)	3678	3	0,000	-14,220	-17,960	-21,238	20,609	2,066	0,000	3,215	8,371	-7,150	8,371
	3679	4	0,000	-14,493	-16,718	-20,221	21,195	0,789	0,000	2,841	8,753	-6,323	8,753
	3676	5	0,000	-14,766	-15,549	-19,249	21,640	-0,151	-0,243	2,492	8,832	-5,596	8,832
Plate_1_10	3676	1	0,000	-14,766	-15,547	-19,246	21,641	-0,184	-0,271	2,493	8,832	-5,596	8,832
Element 11-25 (Plate)	3308	2	0,000	-15,043	-14,432	-18,300	21,952	-0,900	-0,900	2,171	8,678	-4,949	8,678
(Paratia fi 800)	3309	3	0,000	-15,321	-13,383	-17,388	22,122	-1,447	-1,447	1,879	8,349	-4,388	8,349
	3310	4	0,000	-15,598	-12,400	-16,510	22,152	-1,841	-1,841	1,618	7,889	-3,903	7,889
	3311	5	0,000	-15,876	-11,483	-15,666	22,040	-2,094	-2,094	1,388	7,340	-3,487	7,427
Plate_1_10	3311	1	0,000	-15,876	-11,480	-15,662	22,041	-2,110	-2,110	1,387	7,340	-3,487	7,427
Element 11-26 (Plate)	3174	2	0,000	-16,158	-10,611	-14,832	21,785	-2,282	-2,282	1,181	6,719	-3,126	7,461
(Paratia fi 800)	3175	3	0,000	-16,440	-9,796	-14,021	21,385	-2,398	-2,398	1,002	6,058	-2,818	7,384
	3176	4	0,000	-16,722	-9,037	-13,228	20,842	-2,461	-2,461	0,847	5,371	-2,558	7,197
	3197	5	0,000	-17,004	-8,331	-12,454	20,155	-2,479	-2,479	0,716	4,674	-2,338	6,901
Plate_1_10	3197	1	0,000	-17,004	-8,327	-12,449	20,155	-2,483	-2,483	0,716	4,674	-2,338	6,901
Element 11-27 (Plate)	3198	2	0,000	-17,291	-7,658	-11,672	19,312	-2,476	-2,476	0,604	3,962	-2,150	6,488
(Paratia fi 800)	3199	3	0,000	-17,577	-7,025	-10,893	18,320	-2,442	-2,442	0,525	3,257	-1,990	5,964
	3200	4	0,000	-17,864	-6,428	-10,109	17,181	-2,378	-2,403	0,469	2,565	-1,854	5,333
	3224	5	0,000	-18,151	-5,865	-9,320	15,895	-2,283	-2,736	0,429	1,896	-1,734	4,603
Plate_1_10	3224	1	0,000	-18,151	-5,855	-9,309	15,895	-2,297	-2,723	0,429	1,896	-1,734	4,603
Element 11-28 (Plate)	3221	2	0,000	-18,442	-5,309	-8,492	14,436	-2,146	-3,020	0,399	1,247	-1,626	3,768
(Paratia fi 800)	3222	3	0,000	-18,733	-4,760	-7,627	12,824	-1,933	-3,180	0,399	0,653	-1,519	2,867
	3223	4	0,000	-19,025	-4,205	-6,709	11,061	-1,683	-3,238	0,408	0,125	-1,408	1,931
	3245	5	0,000	-19,316	-3,638	-5,733	9,149	-1,418	-3,234	0,409	-0,326	-1,290	0,988
Plate_1_10	3245	1	0,000	-19,316	-3,566	-5,667	9,163	-1,272	-2,989	0,549	-0,326	-1,290	0,988
Element 11-29 (Plate)	3246	2	0,000	-19,612	-3,045	-4,673	7,039	-0,596	-2,798	0,484	-0,630	-1,191	0,048

Structural element	Node [10^3]	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
(Paratia fi 800)	3247	3	0,000	-19,908	-2,329	-3,453	4,784	0,471	-0,510	1,318	-0,629	-0,894	0,024
	3248	4	0,000	-20,204	-1,376	-1,960	2,415	1,245	-0,044	1,809	-0,380	-0,444	0,006
	3249	5	0,000	-20,500	-0,141	-0,146	0,000	1,043	-0,181	1,144	0,000	0,000	0,000

3.1.1.1.11 Calculation results, Plate, sisma- [Phase_8] (8/238), Table of plate force envelopes

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_1	3424	1	0,000	-0,500	0,001	-0,002	0,001	-0,835	-0,835	0,000	0,000	0,000	0,000
Element 1-1 (Plate)	3425	2	0,000	-0,625	-1,428	-1,428	0,000	3,824	-0,042	3,824	0,201	-0,003	0,202
(Paratia fi 800)	3426	3	0,000	-0,750	-2,839	-2,839	0,000	7,139	-0,056	7,139	0,900	-0,010	0,900
	3427	4	0,000	-0,875	-4,232	-4,232	0,000	9,170	-0,054	9,170	1,933	-0,017	1,933
	3744	5	0,000	-1,000	-5,611	-5,611	0,000	9,979	-0,040	10,537	3,142	-0,023	3,142
Plate_1_2	3744	1	0,000	-1,000	-5,626	-5,626	0,000	10,428	-0,047	10,785	3,142	-0,023	3,142
Element 2-2 (Plate)	3745	2	0,000	-1,250	-8,398	-8,398	0,000	10,160	-0,015	12,509	5,748	-0,030	6,019
(Paratia fi 800)	3746	3	0,000	-1,500	-11,216	-11,216	0,000	8,385	0,000	13,328	8,095	-0,030	9,267
	3747	4	0,000	-1,750	-14,084	-14,084	0,000	5,177	0,000	13,278	9,822	-0,024	12,612
	3780	5	0,000	-2,000	-17,001	-17,001	0,000	0,611	0,000	12,396	10,572	-0,014	15,838
Plate_1_3	3780	1	0,000	-2,000	-17,007	-17,007	0,000	0,655	0,000	12,412	10,572	-0,014	15,838
Element 3-3 (Plate)	3781	2	0,000	-2,125	-18,492	-18,492	0,000	-2,047	-2,047	11,696	10,488	-0,008	17,346
(Paratia fi 800)	3782	3	0,000	-2,250	-19,997	-19,997	0,000	-5,030	-5,030	10,793	10,048	-0,002	18,754
	3783	4	0,000	-2,375	-21,521	-21,521	0,000	-8,291	-8,291	9,705	9,218	0,000	20,037
	3801	5	0,000	-2,500	-23,061	-23,061	0,000	-11,828	-11,828	8,430	7,964	0,000	21,172
Plate_1_4	3801	1	0,000	-2,500	-23,063	-23,063	0,000	-11,822	-11,822	8,431	7,964	0,000	21,172
Element 4-4 (Plate)	3798	2	0,000	-2,654	-24,991	-24,991	0,000	-16,548	-16,548	6,604	5,782	0,000	22,335
(Paratia fi 800)	3799	3	0,000	-2,808	-26,953	-26,953	0,000	-21,658	-21,658	4,496	2,840	0,000	23,194
	3800	4	0,000	-2,963	-28,947	-28,947	0,000	-27,145	-27,145	2,109	-0,919	-0,919	23,707
	4112	5	0,000	-3,117	-30,973	-30,973	0,000	-33,004	-33,004	0,000	-5,551	-5,551	23,830
Plate_1_4	4112	1	0,000	-3,117	-30,974	-30,974	0,000	-33,001	-33,001	0,000	-5,551	-5,551	23,830
Element 4-5 (Plate)	4113	2	0,000	-3,213	-32,250	-32,250	0,000	-36,818	-36,818	0,000	-8,893	-8,893	23,692
(Paratia fi 800)	4114	3	0,000	-3,308	-33,540	-33,540	0,000	-40,771	-40,771	0,000	-12,609	-12,609	23,375
	4115	4	0,000	-3,404	-34,843	-34,843	0,000	-44,857	-44,857	0,000	-16,710	-16,710	22,871
	4380	5	0,000	-3,500	-36,158	-36,158	0,000	-49,074	-49,074	0,000	-21,206	-21,206	22,169
Plate_1_5	4380	1	0,000	-3,500	-76,952	-76,952	0,000	21,579	-12,491	21,579	-21,206	-21,206	22,169

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Element 5-6 (Plate)	4381	2	0,000	-3,578	-78,028	-78,028	0,000	18,070	-14,386	18,070	-19,667	-19,667	22,088
(Paratia fi 800)	4382	3	0,000	-3,655	-79,113	-79,113	0,000	14,484	-16,355	14,484	-18,402	-18,402	21,864
	4383	4	0,000	-3,733	-80,208	-80,208	0,000	10,823	-18,397	10,823	-17,419	-17,419	21,492
	4398	5	0,000	-3,811	-81,310	-81,310	0,000	7,089	-20,511	7,089	-16,724	-16,724	20,966
Plate_1_6	4398	1	0,000	-3,811	-81,310	-81,310	0,000	7,091	-20,027	7,091	-16,724	-16,724	20,966
Element 6-7 (Plate)	4399	2	0,000	-3,983	-83,788	-83,788	0,000	-1,462	-19,779	0,000	-16,233	-16,233	19,222
(Paratia fi 800)	4400	3	0,000	-4,155	-86,307	-86,307	0,000	-10,357	-20,667	0,000	-17,248	-17,248	16,632
	4401	4	0,000	-4,328	-88,864	-88,864	0,000	-19,582	-23,026	0,000	-19,824	-19,824	13,136
	4428	5	0,000	-4,500	-91,457	-91,457	0,000	-29,132	-29,132	0,000	-24,016	-24,016	8,675
Plate_1_7	4428	1	0,000	-4,500	-91,456	-91,456	0,000	-29,129	-29,129	0,000	-24,016	-24,016	8,675
Element 7-8 (Plate)	4429	2	0,000	-4,598	-92,936	-92,936	0,000	-34,665	-34,665	0,000	-27,125	-27,125	5,701
(Paratia fi 800)	4430	3	0,000	-4,695	-94,425	-94,425	0,000	-40,294	-40,294	0,000	-30,779	-30,779	2,387
	4431	4	0,000	-4,793	-95,920	-95,920	0,000	-46,012	-46,012	0,000	-34,987	-34,987	0,000
	4448	5	0,000	-4,890	-97,421	-97,421	0,000	-51,811	-51,811	0,000	-39,754	-39,754	0,000
Plate_1_8	4448	1	0,000	-4,890	-97,386	-97,386	0,000	-51,347	-51,347	0,000	-39,754	-39,754	0,000
Element 9-15 (Plate)	4449	2	0,000	-5,043	-96,680	-96,680	0,000	-51,322	-51,322	0,000	-47,562	-47,562	0,000
(Paratia fi 800)	4450	3	0,000	-5,195	-96,062	-96,062	0,000	-52,428	-52,428	0,000	-55,468	-55,468	0,000
	4451	4	0,000	-5,348	-95,521	-95,521	0,000	-54,346	-54,346	0,000	-63,598	-63,598	0,000
	4447	5	0,000	-5,500	-95,049	-95,049	0,000	-56,753	-56,753	0,000	-72,065	-72,065	0,000
Plate_1_9	4447	1	0,000	-5,500	-95,303	-95,303	0,000	-54,673	-54,673	0,000	-72,065	-72,065	0,000
Element 10-16 (Plate)	4222	2	0,000	-5,731	-90,662	-90,662	0,000	-30,313	-34,195	0,000	-81,731	-81,731	0,000
(Paratia fi 800)	4223	3	0,000	-5,962	-86,265	-86,265	0,000	-12,279	-21,717	0,000	-86,554	-86,554	0,000
	4224	4	0,000	-6,192	-82,106	-82,106	0,000	0,343	-11,739	0,343	-87,816	-87,816	0,000
	4225	5	0,000	-6,423	-78,177	-78,177	0,000	8,466	-4,161	8,466	-86,731	-86,731	0,000
Plate_1_9	4225	1	0,000	-6,423	-78,158	-78,158	0,000	9,187	-3,847	9,187	-86,731	-86,731	0,000
Element 10-17 (Plate)	4199	2	0,000	-6,663	-74,271	-74,271	0,000	15,799	0,000	15,799	-83,693	-83,693	0,000
(Paratia fi 800)	4200	3	0,000	-6,903	-70,555	-70,555	0,000	20,530	0,000	20,530	-79,299	-79,299	0,000
	4201	4	0,000	-7,143	-67,008	-67,008	0,000	23,521	0,000	23,521	-73,975	-73,975	0,000
	4365	5	0,000	-7,383	-63,632	-63,632	0,000	24,911	0,000	24,911	-68,135	-68,135	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_9	4365	1	0,000	-7,383	-63,621	-63,621	0,000	25,040	0,000	25,040	-68,135	-68,135	0,000
Element 10-18 (Plate)	4366	2	0,000	-7,633	-60,265	-60,265	0,000	25,276	0,000	25,276	-61,835	-61,835	0,000
(Paratia fi 800)	4367	3	0,000	-7,882	-57,044	-57,044	0,000	24,566	0,000	24,566	-55,596	-55,596	0,000
	4368	4	0,000	-8,132	-53,960	-53,960	0,000	22,986	0,000	22,986	-49,641	-49,641	0,000
	4369	5	0,000	-8,382	-51,013	-51,013	0,000	20,613	0,000	20,613	-44,186	-44,186	0,000
Plate_1_9	4369	1	0,000	-8,382	-51,003	-51,003	0,000	20,686	0,000	20,686	-44,186	-44,186	0,000
Element 10-19 (Plate)	4347	2	0,000	-8,641	-48,061	-48,061	0,000	17,631	0,000	17,631	-39,203	-39,203	0,000
(Paratia fi 800)	4348	3	0,000	-8,901	-45,224	-45,224	0,000	14,180	0,000	14,180	-35,067	-35,067	0,000
	4349	4	0,000	-9,160	-42,491	-42,491	0,000	10,407	0,000	10,407	-31,867	-31,867	0,000
	4346	5	0,000	-9,420	-39,862	-39,862	0,952	6,382	0,000	6,519	-29,685	-29,685	0,000
Plate_1_9	4346	1	0,000	-9,420	-39,854	-39,854	0,955	6,588	0,000	6,637	-29,685	-29,685	0,000
Element 10-20 (Plate)	4063	2	0,000	-9,690	-37,204	-37,204	2,123	2,242	0,000	4,767	-28,498	-28,498	0,000
(Paratia fi 800)	4064	3	0,000	-9,960	-34,626	-34,626	3,214	-1,352	-1,352	3,098	-28,414	-28,414	0,000
	4065	4	0,000	-10,230	-32,117	-32,117	4,228	-3,709	-3,709	1,762	-29,117	-29,117	0,000
	4265	5	0,000	-10,500	-29,680	-29,680	5,163	-4,342	-4,342	0,890	-30,254	-30,254	0,000
Plate_1_10	4265	1	0,000	-10,500	-29,664	-29,664	5,169	-2,297	-2,481	1,357	-30,254	-30,254	0,000
Element 11-21 (Plate)	4262	2	0,000	-10,760	-25,944	-25,944	6,778	3,368	-0,052	3,368	-30,066	-30,066	0,000
(Paratia fi 800)	4263	3	0,000	-11,020	-22,358	-22,358	8,282	7,080	-0,032	7,080	-28,675	-28,675	0,000
	4264	4	0,000	-11,281	-18,909	-18,909	9,681	9,141	-0,025	9,141	-26,524	-26,524	0,000
	4261	5	0,000	-11,541	-15,601	-15,601	10,972	9,849	-0,023	9,849	-24,031	-24,031	0,000
Plate_1_10	4261	1	0,000	-11,541	-15,601	-15,601	10,974	10,028	-0,018	10,028	-24,031	-24,031	0,000
Element 11-22 (Plate)	4243	2	0,000	-11,805	-12,384	-12,384	12,180	10,385	-0,009	10,385	-21,325	-21,325	0,000
(Paratia fi 800)	4244	3	0,000	-12,070	-9,312	-10,161	13,283	10,438	-0,001	10,438	-18,566	-18,566	0,000
	4245	4	0,000	-12,334	-6,387	-9,992	14,283	10,223	0,000	10,223	-15,827	-15,827	0,000
	4242	5	0,000	-12,599	-3,611	-9,822	15,180	9,779	0,000	10,014	-13,179	-14,311	0,000
Plate_1_10	4242	1	0,000	-12,599	-3,612	-9,821	15,182	9,810	0,000	10,040	-13,179	-14,311	0,000
Element 11-23 (Plate)	3839	2	0,000	-12,867	-0,946	-9,647	15,991	9,266	0,000	9,677	-10,615	-12,863	0,000
(Paratia fi 800)	3840	3	0,000	-13,136	1,561	-9,470	16,962	8,672	0,000	9,204	-8,204	-11,510	0,000
	3841	4	0,000	-13,405	3,907	-9,290	18,031	8,042	0,000	8,638	-5,957	-10,261	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	3838	5	0,000	-13,673	6,091	-9,107	19,019	7,389	0,000	7,997	-3,884	-9,124	0,000
Plate_1_10	3838	1	0,000	-13,673	6,090	-9,106	19,020	7,393	0,000	8,000	-3,884	-9,124	0,000
Element 11-24 (Plate)	3677	2	0,000	-13,947	8,139	-8,916	19,885	6,740	0,000	7,336	-1,954	-8,082	0,000
(Paratia fi 800)	3678	3	0,000	-14,220	10,012	-8,719	20,609	6,097	0,000	6,645	-0,201	-7,150	1,197
	3679	4	0,000	-14,493	11,708	-8,517	21,365	5,458	0,000	5,922	1,377	-6,323	2,914
	3676	5	0,000	-14,766	13,225	-8,309	22,136	4,821	0,000	5,160	2,780	-5,596	4,428
Plate_1_10	3676	1	0,000	-14,766	13,223	-8,308	22,137	4,823	0,000	5,174	2,780	-5,596	4,428
Element 11-25 (Plate)	3308	2	0,000	-15,043	14,578	-8,090	22,824	4,153	0,000	4,240	4,025	-4,949	5,735
(Paratia fi 800)	3309	3	0,000	-15,321	15,738	-7,862	23,319	3,503	0,000	3,503	5,087	-4,388	6,778
	3310	4	0,000	-15,598	16,703	-7,625	23,624	2,880	0,000	2,880	5,972	-3,903	7,559
	3311	5	0,000	-15,876	17,470	-7,379	23,737	2,292	0,000	2,292	6,689	-3,487	8,078
Plate_1_10	3311	1	0,000	-15,876	17,466	-7,378	23,738	2,279	0,000	2,279	6,689	-3,487	8,078
Element 11-26 (Plate)	3174	2	0,000	-16,158	18,032	-7,117	23,659	1,604	0,000	1,604	7,240	-3,126	8,357
(Paratia fi 800)	3175	3	0,000	-16,440	18,373	-6,841	23,386	0,816	-0,260	1,002	7,582	-2,818	8,398
	3176	4	0,000	-16,722	18,490	-6,552	22,920	-0,051	-1,030	0,847	7,693	-2,558	8,215
	3197	5	0,000	-17,004	18,382	-6,248	22,262	-0,962	-1,751	0,716	7,550	-2,338	7,822
Plate_1_10	3197	1	0,000	-17,004	18,382	-6,246	22,264	-0,932	-1,749	0,716	7,550	-2,338	7,822
Element 11-27 (Plate)	3198	2	0,000	-17,291	18,039	-5,920	21,400	-1,824	-2,442	0,604	7,154	-2,150	7,220
(Paratia fi 800)	3199	3	0,000	-17,577	17,464	-5,571	20,343	-2,655	-3,069	0,525	6,510	-1,990	6,510
	3200	4	0,000	-17,864	16,657	-5,201	19,094	-3,410	-3,621	0,469	5,639	-1,854	5,639
	3224	5	0,000	-18,151	15,618	-4,807	17,655	-4,077	-4,088	0,429	4,564	-1,734	4,564
Plate_1_10	3224	1	0,000	-18,151	15,625	-4,804	17,660	-4,069	-4,071	0,429	4,564	-1,734	4,564
Element 11-28 (Plate)	3221	2	0,000	-18,442	14,331	-4,376	16,001	-4,595	-4,595	0,399	3,294	-1,626	3,294
(Paratia fi 800)	3222	3	0,000	-18,733	12,818	-3,912	14,162	-4,857	-4,857	0,399	1,913	-1,519	1,913
	3223	4	0,000	-19,025	11,093	-3,409	12,148	-4,921	-4,921	0,408	0,483	-1,408	0,483
	3245	5	0,000	-19,316	9,160	-2,869	9,966	-4,855	-4,855	0,409	-0,942	-1,290	0,076
Plate_1_10	3245	1	0,000	-19,316	9,221	-2,859	10,014	-4,546	-4,546	0,549	-0,942	-1,290	0,076
Element 11-29 (Plate)	3246	2	0,000	-19,612	6,972	-2,267	7,558	-2,744	-2,744	0,484	-2,249	-2,249	0,048
(Paratia fi 800)	3247	3	0,000	-19,908	4,619	-1,599	5,024	2,395	-0,074	2,395	-2,140	-2,140	0,024

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	3248	4	0,000	-20,204	2,218	-0,851	2,462	5,135	-0,044	5,135	-1,067	-1,067	0,006
	3249	5	0,000	-20,500	-0,176	-0,176	0,000	-0,262	-0,262	2,108	0,000	0,000	0,000

3.2.1.1.1.4 Calculation results, Node-to-node anchor, chiodo [Phase_10] (10/15), Table of total displacements

Structural element	Node	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-6} m]	|u| [10^{-3} m]
NodeToNodeAnchor_2_1	4380	1	0,000	-3,500	4,573	614,021	4,614
Element 1-1 (Node-to-node anchor)	721	2	-12,990	-11,000	1,190	-542,641	1,308

3.2.1.1.1.5 Calculation results, Node-to-node anchor, scavo per plinto [Phase_4] (4/17), Table of total displacements

Structural element	Node	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-6} m]	|u| [10^{-3} m]
NodeToNodeAnchor_2_1	4380	1	0,000	-3,500	5,606	952,790	5,687
Element 1-1 (Node-to-node anchor)	721	2	-12,990	-11,000	1,719	-805,267	1,898

3.2.1.1.1.6 Calculation results, Node-to-node anchor, scavo totale valle [Phase_5] (5/20), Table of total displacements

Structural element	Node	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
NodeToNodeAnchor_2_1	4380	1	0,000	-3,500	9,271	-0,282	9,275
Element 1-1 (Node-to-node anchor)	721	2	-12,990	-11,000	5,196	-3,723	6,392

3.2.1.1.1.7 Calculation results, Node-to-node anchor, terrapieno [Phase_6] (6/25), Table of total displacements

Structural element	Node	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
NodeToNodeAnchor_2_1	4380	1	0,000	-3,500	9,284	-0,291	9,289
Element 1-1 (Node-to-node anchor)	721	2	-12,990	-11,000	5,220	-3,739	6,421

3.2.1.1.1.8 Calculation results, Node-to-node anchor, plinto+pali [Phase_7] (7/28), Table of total displacements

Structural element	Node	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
NodeToNodeAnchor_2_1	4380	1	0,000	-3,500	9,293	-0,683	9,319
Element 1-1 (Node-to-node anchor)	721	2	-12,990	-11,000	5,006	-3,475	6,094

3.2.1.1.1.9 Calculation results, Node-to-node anchor, carico orizzontale [Phase_3] (3/31), Table of total displacements

Structural element	Node	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
NodeToNodeAnchor_2_1	4380	1	0,000	-3,500	6,859	0,405	6,871
Element 1-1 (Node-to-node anchor)	721	2	-12,990	-11,000	-2,895	3,614	4,630

3.2.1.1.1.10 Calculation results, Node-to-node anchor, carico orizz+sisma [Phase_9] (9/34), Table of total displacements

Structural element	Node	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
NodeToNodeAnchor_2_1	4380	1	0,000	-3,500	9,170	0,323	9,176
Element 1-1 (Node-to-node anchor)	721	2	-12,990	-11,000	-2,681	3,701	4,570

3.2.1.1.1.11 Calculation results, Node-to-node anchor, sisma- [Phase_8] (8/238), Table of total displacements

Structural element	Node	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
NodeToNodeAnchor_2_1	4380	1	0,000	-3,500	23,166	1,014	23,188
Element 1-1 (Node-to-node anchor)	721	2	-12,990	-11,000	15,583	-5,818	16,633

3.2.2.1.4 Calculation results, Node-to-node anchor, chiodo [Phase_10] (10/15), Table of node-to-node anchors

Structural element	Node	Local number	X [m]	Y [m]	N [10^{-3} kN]	N_{min} [kN]	N_{max} [10^{-3} kN]
NodeToNodeAnchor_2_1	4380	1	0,000	-3,500	857,755	0,000	857,755
Element 1-1 (Node-to-node anchor)	721	2	-12,990	-11,000	857,755	0,000	857,755

3.2.2.1.5 Calculation results, Node-to-node anchor, scavo per plinto [Phase_4] (4/17), Table of node-to-node anchors

Structural element	Node	Local number	X [m]	Y [m]	N [kN]	N_{min} [kN]	N_{max} [kN]
NodeToNodeAnchor_2_1	4380	1	0,000	-3,500	31,439	0,000	31,439
Element 1-1 (Node-to-node anchor)	721	2	-12,990	-11,000	31,439	0,000	31,439

3.2.2.1.6 Calculation results, Node-to-node anchor, scavo totale valle [Phase_5] (5/20), Table of node-to-node anchors

Structural element	Node	Local number	X [m]	Y [m]	N [kN]	N_{min} [kN]	N_{max} [kN]
NodeToNodeAnchor_2_1	4380	1	0,000	-3,500	73,071	0,000	73,071
Element 1-1 (Node-to-node anchor)	721	2	-12,990	-11,000	73,071	0,000	73,071

3.2.2.1.7 Calculation results, Node-to-node anchor, terrapieno [Phase_6] (6/25), Table of node-to-node anchors

Structural element	Node	Local number	X [m]	Y [m]	N [kN]	N_{min} [kN]	N_{max} [kN]
NodeToNodeAnchor_2_1	4380	1	0,000	-3,500	72,791	0,000	73,071
Element 1-1 (Node-to-node anchor)	721	2	-12,990	-11,000	72,791	0,000	73,071

3.2.2.1.8 Calculation results, Node-to-node anchor, plinto+pali [Phase_7] (7/28), Table of node-to-node anchors

Structural element	Node	Local number	X [m]	Y [m]	N [kN]	N_{min} [kN]	N_{max} [kN]
NodeToNodeAnchor_2_1	4380	1	0,000	-3,500	67,213	0,000	73,071
Element 1-1 (Node-to-node anchor)	721	2	-12,990	-11,000	67,213	0,000	73,071

3.2.2.1.9 Calculation results, Node-to-node anchor, carico orizzontale [Phase_3] (3/31), Table of node-to-node anchors

Structural element	Node	Local number	X [m]	Y [m]	N [kN]	N_{min} [kN]	N_{max} [kN]
NodeToNodeAnchor_2_1	4380	1	0,000	-3,500	350,776	0,000	350,776
Element 1-1 (Node-to-node anchor)	721	2	-12,990	-11,000	350,776	0,000	350,776

3.2.2.1.10 Calculation results, Node-to-node anchor, carico orizz+sisma [Phase_9] (9/34), Table of node-to-node anchors

Structural element	Node	Local number	X [m]	Y [m]	N [kN]	N_{min} [kN]	N_{max} [kN]
NodeToNodeAnchor_2_1	4380	1	0,000	-3,500	422,546	0,000	422,546
Element 1-1 (Node-to-node anchor)	721	2	-12,990	-11,000	422,546	0,000	422,546

3.2.2.1.11 Calculation results, Node-to-node anchor, sisma- [Phase_8] (8/238), Table of node-to-node anchors

Structural element	Node	Local number	X [m]	Y [m]	N [kN]	N_{min} [kN]	N_{max} [kN]
NodeToNodeAnchor_2_1	4380	1	0,000	-3,500	269,227	0,000	269,227
Element 1-1 (Node-to-node anchor)	721	2	-12,990	-11,000	269,227	0,000	269,227

3.3.1.1.1.8 Calculation results, Embedded beam row, plinto+pali [Phase_7] (7/28), Table of total displacements

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
EmbeddedBeamRow_1_1	12409	1	4,500	-4,890	5,951	3,221	6,767
Element 1-1 (Embedded beam row)	12410	2	4,500	-5,181	5,996	3,189	6,792
(palo 1500)	12411	3	4,500	-5,471	6,040	3,155	6,815
	12412	4	4,500	-5,762	6,081	3,119	6,834
	12413	5	4,500	-6,053	6,119	3,078	6,849
EmbeddedBeamRow_1_1	12413	1	4,500	-6,053	6,119	3,078	6,849
Element 1-2 (Embedded beam row)	12414	2	4,500	-6,303	6,191	2,987	6,874
(palo 1500)	12415	3	4,500	-6,553	6,257	2,894	6,894
	12416	4	4,500	-6,803	6,318	2,800	6,911
	12417	5	4,500	-7,053	6,373	2,707	6,924
EmbeddedBeamRow_1_1	12417	1	4,500	-7,053	6,373	2,707	6,924
Element 1-3 (Embedded beam row)	12418	2	4,500	-7,303	6,421	2,614	6,933
(palo 1500)	12419	3	4,500	-7,553	6,465	2,523	6,939
	12420	4	4,500	-7,803	6,502	2,432	6,942
	12421	5	4,500	-8,053	6,534	2,344	6,942
EmbeddedBeamRow_1_1	12421	1	4,500	-8,053	6,534	2,344	6,942
Element 1-4 (Embedded beam row)	12422	2	4,500	-8,303	6,562	2,256	6,939
(palo 1500)	12423	3	4,500	-8,553	6,584	2,171	6,933
	12424	4	4,500	-8,803	6,602	2,087	6,924
	12425	5	4,500	-9,053	6,615	2,006	6,913
EmbeddedBeamRow_1_1	12425	1	4,500	-9,053	6,615	2,006	6,913
Element 1-5 (Embedded beam row)	12426	2	4,500	-9,303	6,624	1,927	6,899
(palo 1500)	12427	3	4,500	-9,553	6,629	1,851	6,883

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	12428	4	4,500	-9,803	6,630	1,776	6,864
	12429	5	4,500	-10,053	6,627	1,705	6,843
EmbeddedBeamRow_1_1	12429	1	4,500	-10,053	6,627	1,705	6,843
Element 1-6 (Embedded beam row)	12430	2	4,500	-10,303	6,621	1,636	6,820
(palo 1500)	12431	3	4,500	-10,553	6,611	1,569	6,794
	12432	4	4,500	-10,803	6,598	1,505	6,767
	12433	5	4,500	-11,053	6,582	1,444	6,739
EmbeddedBeamRow_1_1	12433	1	4,500	-11,053	6,582	1,444	6,739
Element 1-7 (Embedded beam row)	12434	2	4,500	-11,317	6,581	1,381	6,725
(palo 1500)	12435	3	4,500	-11,582	6,579	1,319	6,710
	12436	4	4,500	-11,847	6,574	1,259	6,694
	12437	5	4,500	-12,111	6,568	1,199	6,677
EmbeddedBeamRow_1_1	12437	1	4,500	-12,111	6,568	1,199	6,677
Element 1-8 (Embedded beam row)	12438	2	4,500	-12,378	6,561	1,140	6,659
(palo 1500)	12439	3	4,500	-12,645	6,552	1,082	6,640
	12440	4	4,500	-12,912	6,541	1,025	6,621
	12441	5	4,500	-13,179	6,529	0,969	6,600
EmbeddedBeamRow_1_1	12441	1	4,500	-13,179	6,529	0,969	6,600
Element 1-9 (Embedded beam row)	12442	2	4,500	-13,449	6,515	0,914	6,579
(palo 1500)	12443	3	4,500	-13,718	6,500	0,859	6,557
	12444	4	4,500	-13,988	6,484	0,805	6,534
	12445	5	4,500	-14,258	6,466	0,753	6,510
EmbeddedBeamRow_1_1	12445	1	4,500	-14,258	6,466	0,753	6,510
Element 1-10 (Embedded beam row)	12446	2	4,500	-14,530	6,447	0,700	6,484
(palo 1500)	12447	3	4,500	-14,802	6,426	0,649	6,458
	12448	4	4,500	-15,074	6,404	0,598	6,432

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	12449	5	4,500	-15,346	6,380	0,548	6,404
EmbeddedBeamRow_1_1	12449	1	4,500	-15,346	6,380	0,548	6,404
Element 1-11 (Embedded beam row)	12450	2	4,500	-15,620	6,355	0,498	6,375
(palo 1500)	12451	3	4,500	-15,895	6,329	0,449	6,345
	12452	4	4,500	-16,169	6,301	0,401	6,314
	12453	5	4,500	-16,444	6,272	0,354	6,282
EmbeddedBeamRow_1_1	12453	1	4,500	-16,444	6,272	0,354	6,282
Element 1-12 (Embedded beam row)	12454	2	4,500	-16,721	6,242	0,308	6,249
(palo 1500)	12455	3	4,500	-16,998	6,210	0,262	6,215
	12456	4	4,500	-17,275	6,177	0,217	6,181
	12457	5	4,500	-17,552	6,142	0,172	6,145
EmbeddedBeamRow_1_1	12457	1	4,500	-17,552	6,142	0,172	6,145
Element 1-13 (Embedded beam row)	12458	2	4,500	-17,832	6,106	0,129	6,108
(palo 1500)	12459	3	4,500	-18,111	6,069	0,086	6,070
	12460	4	4,500	-18,391	6,031	0,044	6,031
	12461	5	4,500	-18,671	5,992	0,003	5,992
EmbeddedBeamRow_1_1	12461	1	4,500	-18,671	5,992	0,003	5,992
Element 1-14 (Embedded beam row)	12462	2	4,500	-18,953	5,951	-0,038	5,951
(palo 1500)	12463	3	4,500	-19,235	5,910	-0,078	5,910
	12464	4	4,500	-19,517	5,868	-0,118	5,869
	12465	5	4,500	-19,799	5,824	-0,157	5,826
EmbeddedBeamRow_1_1	12465	1	4,500	-19,799	5,824	-0,157	5,826
Element 1-15 (Embedded beam row)	12466	2	4,500	-20,084	5,780	-0,195	5,783
(palo 1500)	12467	3	4,500	-20,369	5,734	-0,234	5,739
	12468	4	4,500	-20,654	5,688	-0,272	5,694
	12469	5	4,500	-20,939	5,640	-0,309	5,648

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
EmbeddedBeamRow_1_1	12469	1	4,500	-20,939	5,640	-0,309	5,648
Element 1-16 (Embedded beam row)	12470	2	4,500	-21,226	5,590	-0,347	5,601
(palo 1500)	12471	3	4,500	-21,514	5,539	-0,385	5,552
	12472	4	4,500	-21,801	5,486	-0,423	5,502
	12473	5	4,500	-22,089	5,431	-0,460	5,451
EmbeddedBeamRow_1_1	12473	1	4,500	-22,089	5,431	-0,460	5,451
Element 1-17 (Embedded beam row)	12474	2	4,500	-22,379	5,374	-0,497	5,397
(palo 1500)	12475	3	4,500	-22,669	5,314	-0,535	5,341
	12476	4	4,500	-22,959	5,252	-0,572	5,283
	12477	5	4,500	-23,249	5,187	-0,608	5,223
EmbeddedBeamRow_1_1	12477	1	4,500	-23,249	5,187	-0,608	5,223
Element 1-18 (Embedded beam row)	12478	2	4,500	-23,542	5,120	-0,644	5,160
(palo 1500)	12479	3	4,500	-23,835	5,050	-0,680	5,096
	12480	4	4,500	-24,128	4,977	-0,715	5,029
	12481	5	4,500	-24,421	4,902	-0,750	4,959
EmbeddedBeamRow_1_1	12481	1	4,500	-24,421	4,902	-0,750	4,959
Element 1-19 (Embedded beam row)	12482	2	4,500	-24,716	4,824	-0,784	4,888
(palo 1500)	12483	3	4,500	-25,012	4,744	-0,818	4,814
	12484	4	4,500	-25,307	4,661	-0,851	4,738
	12485	5	4,500	-25,603	4,575	-0,883	4,660
EmbeddedBeamRow_1_1	12485	1	4,500	-25,603	4,575	-0,883	4,660
Element 1-20 (Embedded beam row)	12486	2	4,500	-25,901	4,487	-0,916	4,579
(palo 1500)	12487	3	4,500	-26,199	4,396	-0,947	4,497
	12488	4	4,500	-26,498	4,302	-0,978	4,412
	12489	5	4,500	-26,796	4,206	-1,008	4,325
EmbeddedBeamRow_1_1	12489	1	4,500	-26,796	4,206	-1,008	4,325

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
Element 1-21 (Embedded beam row)	12490	2	4,500	-27,097	4,105	-1,036	4,234
(palo 1500)	12491	3	4,500	-27,398	4,000	-1,063	4,139
	12492	4	4,500	-27,699	3,892	-1,088	4,042
	12493	5	4,500	-28,000	3,780	-1,113	3,940
EmbeddedBeamRow_1_1	12493	1	4,500	-28,000	3,780	-1,113	3,940
Element 1-22 (Embedded beam row)	12494	2	4,500	-28,223	3,694	-1,129	3,863
(palo 1500)	12495	3	4,500	-28,445	3,606	-1,145	3,784
	12496	4	4,500	-28,668	3,515	-1,160	3,702
	12497	5	4,500	-28,890	3,422	-1,174	3,618
EmbeddedBeamRow_2_1	12498	1	12,300	-4,890	4,182	3,898	5,717
Element 2-23 (Embedded beam row)	12499	2	12,300	-5,172	4,194	3,881	5,714
(palo 1500)	12500	3	12,300	-5,454	4,202	3,863	5,708
	12501	4	12,300	-5,737	4,205	3,844	5,698
	12502	5	12,300	-6,019	4,205	3,825	5,684
EmbeddedBeamRow_2_1	12502	1	12,300	-6,019	4,205	3,825	5,684
Element 2-24 (Embedded beam row)	12503	2	12,300	-6,267	4,202	3,807	5,670
(palo 1500)	12504	3	12,300	-6,515	4,196	3,788	5,653
	12505	4	12,300	-6,763	4,187	3,769	5,633
	12506	5	12,300	-7,011	4,176	3,747	5,611
EmbeddedBeamRow_2_1	12506	1	12,300	-7,011	4,176	3,747	5,611
Element 2-25 (Embedded beam row)	12507	2	12,300	-7,261	4,232	3,685	5,611
(palo 1500)	12508	3	12,300	-7,511	4,287	3,620	5,611
	12509	4	12,300	-7,761	4,340	3,555	5,610
	12510	5	12,300	-8,011	4,391	3,490	5,609
EmbeddedBeamRow_2_1	12510	1	12,300	-8,011	4,391	3,490	5,609
Element 2-26 (Embedded beam row)	12511	2	12,300	-8,261	4,441	3,424	5,608

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
(palo 1500)	12512	3	12,300	-8,511	4,488	3,359	5,606
	12513	4	12,300	-8,761	4,534	3,293	5,604
	12514	5	12,300	-9,011	4,578	3,227	5,601
EmbeddedBeamRow_2_1	12514	1	12,300	-9,011	4,578	3,227	5,601
Element 2-27 (Embedded beam row)	12515	2	12,300	-9,261	4,620	3,162	5,598
(palo 1500)	12516	3	12,300	-9,511	4,660	3,096	5,595
	12517	4	12,300	-9,761	4,699	3,031	5,591
	12518	5	12,300	-10,011	4,736	2,965	5,587
EmbeddedBeamRow_2_1	12518	1	12,300	-10,011	4,736	2,965	5,587
Element 2-28 (Embedded beam row)	12519	2	12,300	-10,261	4,771	2,900	5,583
(palo 1500)	12520	3	12,300	-10,511	4,804	2,835	5,578
	12521	4	12,300	-10,761	4,836	2,771	5,573
	12522	5	12,300	-11,011	4,866	2,706	5,568
EmbeddedBeamRow_2_1	12522	1	12,300	-11,011	4,866	2,706	5,568
Element 2-29 (Embedded beam row)	12523	2	12,300	-11,261	4,895	2,642	5,563
(palo 1500)	12524	3	12,300	-11,511	4,923	2,579	5,557
	12525	4	12,300	-11,761	4,948	2,515	5,551
	12526	5	12,300	-12,011	4,972	2,453	5,544
EmbeddedBeamRow_2_1	12526	1	12,300	-12,011	4,972	2,453	5,544
Element 2-30 (Embedded beam row)	12527	2	12,300	-12,279	4,985	2,390	5,528
(palo 1500)	12528	3	12,300	-12,546	4,996	2,327	5,511
	12529	4	12,300	-12,814	5,005	2,264	5,493
	12530	5	12,300	-13,081	5,013	2,202	5,475
EmbeddedBeamRow_2_1	12530	1	12,300	-13,081	5,013	2,202	5,475
Element 2-31 (Embedded beam row)	12531	2	12,300	-13,351	5,019	2,139	5,456
(palo 1500)	12532	3	12,300	-13,621	5,024	2,076	5,436

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	12533	4	12,300	-13,891	5,028	2,013	5,416
	12534	5	12,300	-14,162	5,030	1,951	5,395
EmbeddedBeamRow_2_1	12534	1	12,300	-14,162	5,030	1,951	5,395
Element 2-32 (Embedded beam row)	12535	2	12,300	-14,434	5,030	1,889	5,373
(palo 1500)	12536	3	12,300	-14,707	5,029	1,826	5,351
	12537	4	12,300	-14,980	5,027	1,765	5,328
	12538	5	12,300	-15,253	5,023	1,703	5,304
EmbeddedBeamRow_2_1	12538	1	12,300	-15,253	5,023	1,703	5,304
Element 2-33 (Embedded beam row)	12539	2	12,300	-15,528	5,018	1,641	5,280
(palo 1500)	12540	3	12,300	-15,804	5,012	1,580	5,255
	12541	4	12,300	-16,079	5,004	1,518	5,229
	12542	5	12,300	-16,355	4,994	1,458	5,203
EmbeddedBeamRow_2_1	12542	1	12,300	-16,355	4,994	1,458	5,203
Element 2-34 (Embedded beam row)	12543	2	12,300	-16,633	4,984	1,397	5,176
(palo 1500)	12544	3	12,300	-16,912	4,972	1,336	5,148
	12545	4	12,300	-17,190	4,958	1,276	5,120
	12546	5	12,300	-17,468	4,943	1,217	5,091
EmbeddedBeamRow_2_1	12546	1	12,300	-17,468	4,943	1,217	5,091
Element 2-35 (Embedded beam row)	12547	2	12,300	-17,749	4,927	1,157	5,061
(palo 1500)	12548	3	12,300	-18,030	4,909	1,098	5,030
	12549	4	12,300	-18,311	4,890	1,039	4,999
	12550	5	12,300	-18,593	4,870	0,980	4,968
EmbeddedBeamRow_2_1	12550	1	12,300	-18,593	4,870	0,980	4,968
Element 2-36 (Embedded beam row)	12551	2	12,300	-18,876	4,848	0,922	4,935
(palo 1500)	12552	3	12,300	-19,160	4,825	0,863	4,902
	12553	4	12,300	-19,444	4,801	0,806	4,868

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	12554	5	12,300	-19,728	4,776	0,748	4,834
EmbeddedBeamRow_2_1	12554	1	12,300	-19,728	4,776	0,748	4,834
Element 2-37 (Embedded beam row)	12555	2	12,300	-20,015	4,748	0,691	4,798
(palo 1500)	12556	3	12,300	-20,301	4,720	0,634	4,762
	12557	4	12,300	-20,588	4,690	0,577	4,726
	12558	5	12,300	-20,875	4,659	0,521	4,688
EmbeddedBeamRow_2_1	12558	1	12,300	-20,875	4,659	0,521	4,688
Element 2-38 (Embedded beam row)	12559	2	12,300	-21,164	4,627	0,465	4,650
(palo 1500)	12560	3	12,300	-21,454	4,593	0,409	4,611
	12561	4	12,300	-21,744	4,557	0,354	4,571
	12562	5	12,300	-22,033	4,520	0,299	4,530
EmbeddedBeamRow_2_1	12562	1	12,300	-22,033	4,520	0,299	4,530
Element 2-39 (Embedded beam row)	12563	2	12,300	-22,326	4,481	0,244	4,488
(palo 1500)	12564	3	12,300	-22,618	4,441	0,190	4,445
	12565	4	12,300	-22,910	4,398	0,137	4,400
	12566	5	12,300	-23,203	4,354	0,084	4,355
EmbeddedBeamRow_2_1	12566	1	12,300	-23,203	4,354	0,084	4,355
Element 2-40 (Embedded beam row)	12567	2	12,300	-23,498	4,308	0,032	4,308
(palo 1500)	12568	3	12,300	-23,794	4,260	-0,020	4,260
	12569	4	12,300	-24,089	4,210	-0,072	4,211
	12570	5	12,300	-24,384	4,158	-0,123	4,160
EmbeddedBeamRow_2_1	12570	1	12,300	-24,384	4,158	-0,123	4,160
Element 2-41 (Embedded beam row)	12571	2	12,300	-24,683	4,104	-0,173	4,108
(palo 1500)	12572	3	12,300	-24,981	4,048	-0,223	4,054
	12573	4	12,300	-25,279	3,990	-0,272	4,000
	12574	5	12,300	-25,578	3,930	-0,321	3,943

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
EmbeddedBeamRow_2_1	12574	1	12,300	-25,578	3,930	-0,321	3,943
Element 2-42 (Embedded beam row)	12575	2	12,300	-25,879	3,868	-0,369	3,885
(palo 1500)	12576	3	12,300	-26,180	3,803	-0,416	3,826
	12577	4	12,300	-26,482	3,736	-0,463	3,765
	12578	5	12,300	-26,783	3,667	-0,508	3,702
EmbeddedBeamRow_2_1	12578	1	12,300	-26,783	3,667	-0,508	3,702
Element 2-43 (Embedded beam row)	12579	2	12,300	-27,087	3,596	-0,554	3,638
(palo 1500)	12580	3	12,300	-27,391	3,521	-0,598	3,572
	12581	4	12,300	-27,696	3,445	-0,642	3,504
	12582	5	12,300	-28,000	3,366	-0,685	3,435
EmbeddedBeamRow_2_1	12582	1	12,300	-28,000	3,366	-0,685	3,435
Element 2-44 (Embedded beam row)	12583	2	12,300	-28,223	3,307	-0,716	3,384
(palo 1500)	12584	3	12,300	-28,445	3,247	-0,746	3,331
	12585	4	12,300	-28,668	3,185	-0,775	3,278
	12586	5	12,300	-28,890	3,122	-0,803	3,224

3.3.1.1.1.9 Calculation results, Embedded beam row, carico orizzontale [Phase_3] (3/31), Table of total displacements

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
EmbeddedBeamRow_1_1	12409	1	4,500	-4,890	-3,952	-1,227	4,138
Element 1-1 (Embedded beam row)	12410	2	4,500	-5,181	-3,976	-1,226	4,161
(palo 1500)	12411	3	4,500	-5,471	-4,002	-1,224	4,185
	12412	4	4,500	-5,762	-4,030	-1,222	4,211
	12413	5	4,500	-6,053	-4,059	-1,221	4,238
EmbeddedBeamRow_1_1	12413	1	4,500	-6,053	-4,059	-1,221	4,238
Element 1-2 (Embedded beam row)	12414	2	4,500	-6,303	-4,085	-1,219	4,263
(palo 1500)	12415	3	4,500	-6,553	-4,111	-1,218	4,288
	12416	4	4,500	-6,803	-4,139	-1,216	4,314
	12417	5	4,500	-7,053	-4,167	-1,215	4,340
EmbeddedBeamRow_1_1	12417	1	4,500	-7,053	-4,167	-1,215	4,340
Element 1-3 (Embedded beam row)	12418	2	4,500	-7,303	-4,195	-1,213	4,367
(palo 1500)	12419	3	4,500	-7,553	-4,224	-1,212	4,394
	12420	4	4,500	-7,803	-4,253	-1,210	4,422
	12421	5	4,500	-8,053	-4,282	-1,208	4,449
EmbeddedBeamRow_1_1	12421	1	4,500	-8,053	-4,282	-1,208	4,449
Element 1-4 (Embedded beam row)	12422	2	4,500	-8,303	-4,311	-1,206	4,476
(palo 1500)	12423	3	4,500	-8,553	-4,339	-1,205	4,503
	12424	4	4,500	-8,803	-4,368	-1,203	4,530
	12425	5	4,500	-9,053	-4,395	-1,201	4,556
EmbeddedBeamRow_1_1	12425	1	4,500	-9,053	-4,395	-1,201	4,556
Element 1-5 (Embedded beam row)	12426	2	4,500	-9,303	-4,423	-1,199	4,582
(palo 1500)	12427	3	4,500	-9,553	-4,449	-1,197	4,607

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	12428	4	4,500	-9,803	-4,475	-1,195	4,631
	12429	5	4,500	-10,053	-4,499	-1,193	4,655
EmbeddedBeamRow_1_1	12429	1	4,500	-10,053	-4,499	-1,193	4,655
Element 1-6 (Embedded beam row)	12430	2	4,500	-10,303	-4,523	-1,191	4,677
(palo 1500)	12431	3	4,500	-10,553	-4,545	-1,189	4,698
	12432	4	4,500	-10,803	-4,566	-1,187	4,718
	12433	5	4,500	-11,053	-4,586	-1,184	4,736
EmbeddedBeamRow_1_1	12433	1	4,500	-11,053	-4,586	-1,184	4,736
Element 1-7 (Embedded beam row)	12434	2	4,500	-11,317	-4,605	-1,182	4,755
(palo 1500)	12435	3	4,500	-11,582	-4,623	-1,180	4,771
	12436	4	4,500	-11,847	-4,639	-1,177	4,786
	12437	5	4,500	-12,111	-4,653	-1,175	4,799
EmbeddedBeamRow_1_1	12437	1	4,500	-12,111	-4,653	-1,175	4,799
Element 1-8 (Embedded beam row)	12438	2	4,500	-12,378	-4,666	-1,173	4,811
(palo 1500)	12439	3	4,500	-12,645	-4,676	-1,170	4,820
	12440	4	4,500	-12,912	-4,684	-1,168	4,828
	12441	5	4,500	-13,179	-4,691	-1,165	4,833
EmbeddedBeamRow_1_1	12441	1	4,500	-13,179	-4,691	-1,165	4,833
Element 1-9 (Embedded beam row)	12442	2	4,500	-13,449	-4,696	-1,163	4,837
(palo 1500)	12443	3	4,500	-13,718	-4,698	-1,160	4,839
	12444	4	4,500	-13,988	-4,699	-1,157	4,839
	12445	5	4,500	-14,258	-4,697	-1,155	4,837
EmbeddedBeamRow_1_1	12445	1	4,500	-14,258	-4,697	-1,155	4,837
Element 1-10 (Embedded beam row)	12446	2	4,500	-14,530	-4,694	-1,152	4,833
(palo 1500)	12447	3	4,500	-14,802	-4,688	-1,149	4,827
	12448	4	4,500	-15,074	-4,681	-1,147	4,819

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	12449	5	4,500	-15,346	-4,672	-1,144	4,810
EmbeddedBeamRow_1_1	12449	1	4,500	-15,346	-4,672	-1,144	4,810
Element 1-11 (Embedded beam row)	12450	2	4,500	-15,620	-4,661	-1,142	4,798
(palo 1500)	12451	3	4,500	-15,895	-4,648	-1,139	4,785
	12452	4	4,500	-16,169	-4,633	-1,136	4,770
	12453	5	4,500	-16,444	-4,616	-1,134	4,753
EmbeddedBeamRow_1_1	12453	1	4,500	-16,444	-4,616	-1,134	4,753
Element 1-12 (Embedded beam row)	12454	2	4,500	-16,721	-4,598	-1,131	4,735
(palo 1500)	12455	3	4,500	-16,998	-4,578	-1,128	4,715
	12456	4	4,500	-17,275	-4,557	-1,125	4,694
	12457	5	4,500	-17,552	-4,534	-1,123	4,671
EmbeddedBeamRow_1_1	12457	1	4,500	-17,552	-4,534	-1,123	4,671
Element 1-13 (Embedded beam row)	12458	2	4,500	-17,832	-4,509	-1,120	4,646
(palo 1500)	12459	3	4,500	-18,111	-4,483	-1,117	4,620
	12460	4	4,500	-18,391	-4,455	-1,115	4,593
	12461	5	4,500	-18,671	-4,427	-1,112	4,564
EmbeddedBeamRow_1_1	12461	1	4,500	-18,671	-4,427	-1,112	4,564
Element 1-14 (Embedded beam row)	12462	2	4,500	-18,953	-4,396	-1,110	4,534
(palo 1500)	12463	3	4,500	-19,235	-4,365	-1,107	4,503
	12464	4	4,500	-19,517	-4,332	-1,104	4,471
	12465	5	4,500	-19,799	-4,298	-1,102	4,437
EmbeddedBeamRow_1_1	12465	1	4,500	-19,799	-4,298	-1,102	4,437
Element 1-15 (Embedded beam row)	12466	2	4,500	-20,084	-4,263	-1,099	4,402
(palo 1500)	12467	3	4,500	-20,369	-4,227	-1,097	4,367
	12468	4	4,500	-20,654	-4,189	-1,094	4,330
	12469	5	4,500	-20,939	-4,151	-1,092	4,292

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
EmbeddedBeamRow_1_1	12469	1	4,500	-20,939	-4,151	-1,092	4,292
Element 1-16 (Embedded beam row)	12470	2	4,500	-21,226	-4,112	-1,089	4,253
(palo 1500)	12471	3	4,500	-21,514	-4,071	-1,087	4,214
	12472	4	4,500	-21,801	-4,030	-1,084	4,173
	12473	5	4,500	-22,089	-3,988	-1,082	4,132
EmbeddedBeamRow_1_1	12473	1	4,500	-22,089	-3,988	-1,082	4,132
Element 1-17 (Embedded beam row)	12474	2	4,500	-22,379	-3,944	-1,079	4,089
(palo 1500)	12475	3	4,500	-22,669	-3,900	-1,077	4,046
	12476	4	4,500	-22,959	-3,855	-1,075	4,002
	12477	5	4,500	-23,249	-3,809	-1,072	3,957
EmbeddedBeamRow_1_1	12477	1	4,500	-23,249	-3,809	-1,072	3,957
Element 1-18 (Embedded beam row)	12478	2	4,500	-23,542	-3,762	-1,070	3,911
(palo 1500)	12479	3	4,500	-23,835	-3,715	-1,068	3,865
	12480	4	4,500	-24,128	-3,666	-1,066	3,818
	12481	5	4,500	-24,421	-3,617	-1,063	3,771
EmbeddedBeamRow_1_1	12481	1	4,500	-24,421	-3,617	-1,063	3,771
Element 1-19 (Embedded beam row)	12482	2	4,500	-24,716	-3,567	-1,061	3,722
(palo 1500)	12483	3	4,500	-25,012	-3,517	-1,059	3,673
	12484	4	4,500	-25,307	-3,466	-1,057	3,624
	12485	5	4,500	-25,603	-3,414	-1,055	3,574
EmbeddedBeamRow_1_1	12485	1	4,500	-25,603	-3,414	-1,055	3,574
Element 1-20 (Embedded beam row)	12486	2	4,500	-25,901	-3,362	-1,053	3,523
(palo 1500)	12487	3	4,500	-26,199	-3,309	-1,052	3,472
	12488	4	4,500	-26,498	-3,256	-1,050	3,421
	12489	5	4,500	-26,796	-3,203	-1,048	3,370
EmbeddedBeamRow_1_1	12489	1	4,500	-26,796	-3,203	-1,048	3,370

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
Element 1-21 (Embedded beam row)	12490	2	4,500	-27,097	-3,149	-1,046	3,318
(palo 1500)	12491	3	4,500	-27,398	-3,095	-1,045	3,266
	12492	4	4,500	-27,699	-3,040	-1,043	3,214
	12493	5	4,500	-28,000	-2,986	-1,042	3,162
EmbeddedBeamRow_1_1	12493	1	4,500	-28,000	-2,986	-1,042	3,162
Element 1-22 (Embedded beam row)	12494	2	4,500	-28,223	-2,946	-1,040	3,124
(palo 1500)	12495	3	4,500	-28,445	-2,906	-1,039	3,086
	12496	4	4,500	-28,668	-2,865	-1,038	3,048
	12497	5	4,500	-28,890	-2,825	-1,037	3,010
EmbeddedBeamRow_2_1	12498	1	12,300	-4,890	-3,951	-1,687	4,296
Element 2-23 (Embedded beam row)	12499	2	12,300	-5,172	-3,962	-1,685	4,305
(palo 1500)	12500	3	12,300	-5,454	-3,972	-1,683	4,314
	12501	4	12,300	-5,737	-3,981	-1,682	4,322
	12502	5	12,300	-6,019	-3,990	-1,680	4,329
EmbeddedBeamRow_2_1	12502	1	12,300	-6,019	-3,990	-1,680	4,329
Element 2-24 (Embedded beam row)	12503	2	12,300	-6,267	-3,997	-1,679	4,335
(palo 1500)	12504	3	12,300	-6,515	-4,003	-1,677	4,340
	12505	4	12,300	-6,763	-4,008	-1,676	4,345
	12506	5	12,300	-7,011	-4,013	-1,675	4,349
EmbeddedBeamRow_2_1	12506	1	12,300	-7,011	-4,013	-1,675	4,349
Element 2-25 (Embedded beam row)	12507	2	12,300	-7,261	-4,018	-1,673	4,352
(palo 1500)	12508	3	12,300	-7,511	-4,022	-1,671	4,355
	12509	4	12,300	-7,761	-4,025	-1,670	4,357
	12510	5	12,300	-8,011	-4,027	-1,668	4,359
EmbeddedBeamRow_2_1	12510	1	12,300	-8,011	-4,027	-1,668	4,359
Element 2-26 (Embedded beam row)	12511	2	12,300	-8,261	-4,029	-1,667	4,360

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
(palo 1500)	12512	3	12,300	-8,511	-4,031	-1,665	4,361
	12513	4	12,300	-8,761	-4,031	-1,663	4,361
	12514	5	12,300	-9,011	-4,032	-1,661	4,361
EmbeddedBeamRow_2_1	12514	1	12,300	-9,011	-4,032	-1,661	4,361
Element 2-27 (Embedded beam row)	12515	2	12,300	-9,261	-4,031	-1,659	4,360
(palo 1500)	12516	3	12,300	-9,511	-4,030	-1,658	4,358
	12517	4	12,300	-9,761	-4,029	-1,656	4,356
	12518	5	12,300	-10,011	-4,027	-1,654	4,353
EmbeddedBeamRow_2_1	12518	1	12,300	-10,011	-4,027	-1,654	4,353
Element 2-28 (Embedded beam row)	12519	2	12,300	-10,261	-4,024	-1,652	4,350
(palo 1500)	12520	3	12,300	-10,511	-4,021	-1,650	4,346
	12521	4	12,300	-10,761	-4,017	-1,648	4,342
	12522	5	12,300	-11,011	-4,013	-1,646	4,337
EmbeddedBeamRow_2_1	12522	1	12,300	-11,011	-4,013	-1,646	4,337
Element 2-29 (Embedded beam row)	12523	2	12,300	-11,261	-4,008	-1,644	4,332
(palo 1500)	12524	3	12,300	-11,511	-4,002	-1,641	4,326
	12525	4	12,300	-11,761	-3,996	-1,639	4,319
	12526	5	12,300	-12,011	-3,990	-1,637	4,312
EmbeddedBeamRow_2_1	12526	1	12,300	-12,011	-3,990	-1,637	4,312
Element 2-30 (Embedded beam row)	12527	2	12,300	-12,279	-3,982	-1,635	4,304
(palo 1500)	12528	3	12,300	-12,546	-3,973	-1,632	4,295
	12529	4	12,300	-12,814	-3,964	-1,630	4,286
	12530	5	12,300	-13,081	-3,954	-1,627	4,276
EmbeddedBeamRow_2_1	12530	1	12,300	-13,081	-3,954	-1,627	4,276
Element 2-31 (Embedded beam row)	12531	2	12,300	-13,351	-3,943	-1,625	4,265
(palo 1500)	12532	3	12,300	-13,621	-3,932	-1,622	4,253

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	12533	4	12,300	-13,891	-3,920	-1,619	4,241
	12534	5	12,300	-14,162	-3,907	-1,617	4,228
EmbeddedBeamRow_2_1	12534	1	12,300	-14,162	-3,907	-1,617	4,228
Element 2-32 (Embedded beam row)	12535	2	12,300	-14,434	-3,893	-1,614	4,214
(palo 1500)	12536	3	12,300	-14,707	-3,878	-1,611	4,200
	12537	4	12,300	-14,980	-3,863	-1,608	4,184
	12538	5	12,300	-15,253	-3,847	-1,605	4,168
EmbeddedBeamRow_2_1	12538	1	12,300	-15,253	-3,847	-1,605	4,168
Element 2-33 (Embedded beam row)	12539	2	12,300	-15,528	-3,829	-1,602	4,151
(palo 1500)	12540	3	12,300	-15,804	-3,811	-1,600	4,133
	12541	4	12,300	-16,079	-3,792	-1,597	4,115
	12542	5	12,300	-16,355	-3,773	-1,594	4,095
EmbeddedBeamRow_2_1	12542	1	12,300	-16,355	-3,773	-1,594	4,095
Element 2-34 (Embedded beam row)	12543	2	12,300	-16,633	-3,752	-1,591	4,075
(palo 1500)	12544	3	12,300	-16,912	-3,730	-1,588	4,054
	12545	4	12,300	-17,190	-3,707	-1,585	4,032
	12546	5	12,300	-17,468	-3,683	-1,582	4,009
EmbeddedBeamRow_2_1	12546	1	12,300	-17,468	-3,683	-1,582	4,009
Element 2-35 (Embedded beam row)	12547	2	12,300	-17,749	-3,659	-1,579	3,985
(palo 1500)	12548	3	12,300	-18,030	-3,633	-1,575	3,960
	12549	4	12,300	-18,311	-3,606	-1,572	3,934
	12550	5	12,300	-18,593	-3,579	-1,569	3,908
EmbeddedBeamRow_2_1	12550	1	12,300	-18,593	-3,579	-1,569	3,908
Element 2-36 (Embedded beam row)	12551	2	12,300	-18,876	-3,550	-1,566	3,880
(palo 1500)	12552	3	12,300	-19,160	-3,520	-1,563	3,851
	12553	4	12,300	-19,444	-3,489	-1,560	3,822

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	12554	5	12,300	-19,728	-3,457	-1,557	3,792
EmbeddedBeamRow_2_1	12554	1	12,300	-19,728	-3,457	-1,557	3,792
Element 2-37 (Embedded beam row)	12555	2	12,300	-20,015	-3,424	-1,554	3,760
(palo 1500)	12556	3	12,300	-20,301	-3,390	-1,551	3,728
	12557	4	12,300	-20,588	-3,355	-1,548	3,695
	12558	5	12,300	-20,875	-3,320	-1,545	3,661
EmbeddedBeamRow_2_1	12558	1	12,300	-20,875	-3,320	-1,545	3,661
Element 2-38 (Embedded beam row)	12559	2	12,300	-21,164	-3,282	-1,542	3,626
(palo 1500)	12560	3	12,300	-21,454	-3,244	-1,539	3,591
	12561	4	12,300	-21,744	-3,205	-1,536	3,554
	12562	5	12,300	-22,033	-3,166	-1,533	3,517
EmbeddedBeamRow_2_1	12562	1	12,300	-22,033	-3,166	-1,533	3,517
Element 2-39 (Embedded beam row)	12563	2	12,300	-22,326	-3,125	-1,530	3,479
(palo 1500)	12564	3	12,300	-22,618	-3,083	-1,527	3,440
	12565	4	12,300	-22,910	-3,040	-1,524	3,401
	12566	5	12,300	-23,203	-2,997	-1,521	3,361
EmbeddedBeamRow_2_1	12566	1	12,300	-23,203	-2,997	-1,521	3,361
Element 2-40 (Embedded beam row)	12567	2	12,300	-23,498	-2,952	-1,518	3,320
(palo 1500)	12568	3	12,300	-23,794	-2,907	-1,515	3,279
	12569	4	12,300	-24,089	-2,862	-1,513	3,237
	12570	5	12,300	-24,384	-2,815	-1,510	3,195
EmbeddedBeamRow_2_1	12570	1	12,300	-24,384	-2,815	-1,510	3,195
Element 2-41 (Embedded beam row)	12571	2	12,300	-24,683	-2,768	-1,507	3,152
(palo 1500)	12572	3	12,300	-24,981	-2,720	-1,505	3,108
	12573	4	12,300	-25,279	-2,672	-1,502	3,065
	12574	5	12,300	-25,578	-2,623	-1,500	3,021

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
EmbeddedBeamRow_2_1	12574	1	12,300	-25,578	-2,623	-1,500	3,021
Element 2-42 (Embedded beam row)	12575	2	12,300	-25,879	-2,573	-1,497	2,977
(palo 1500)	12576	3	12,300	-26,180	-2,523	-1,495	2,933
	12577	4	12,300	-26,482	-2,473	-1,493	2,889
	12578	5	12,300	-26,783	-2,423	-1,490	2,845
EmbeddedBeamRow_2_1	12578	1	12,300	-26,783	-2,423	-1,490	2,845
Element 2-43 (Embedded beam row)	12579	2	12,300	-27,087	-2,372	-1,488	2,800
(palo 1500)	12580	3	12,300	-27,391	-2,321	-1,486	2,756
	12581	4	12,300	-27,696	-2,269	-1,484	2,712
	12582	5	12,300	-28,000	-2,218	-1,482	2,668
EmbeddedBeamRow_2_1	12582	1	12,300	-28,000	-2,218	-1,482	2,668
Element 2-44 (Embedded beam row)	12583	2	12,300	-28,223	-2,181	-1,481	2,636
(palo 1500)	12584	3	12,300	-28,445	-2,143	-1,479	2,604
	12585	4	12,300	-28,668	-2,106	-1,478	2,573
	12586	5	12,300	-28,890	-2,068	-1,477	2,541

3.3.1.1.1.10 Calculation results, Embedded beam row, carico orizz+sisma [Phase_9] (9/34), Table of total displacements

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
EmbeddedBeamRow_1_1	12409	1	4,500	-4,890	-3,693	-1,212	3,887
Element 1-1 (Embedded beam row)	12410	2	4,500	-5,181	-3,718	-1,210	3,910
(palo 1500)	12411	3	4,500	-5,471	-3,746	-1,209	3,936
	12412	4	4,500	-5,762	-3,775	-1,207	3,964
	12413	5	4,500	-6,053	-3,807	-1,206	3,993
EmbeddedBeamRow_1_1	12413	1	4,500	-6,053	-3,807	-1,206	3,993
Element 1-2 (Embedded beam row)	12414	2	4,500	-6,303	-3,835	-1,205	4,019
(palo 1500)	12415	3	4,500	-6,553	-3,864	-1,203	4,047
	12416	4	4,500	-6,803	-3,894	-1,202	4,076
	12417	5	4,500	-7,053	-3,926	-1,200	4,105
EmbeddedBeamRow_1_1	12417	1	4,500	-7,053	-3,926	-1,200	4,105
Element 1-3 (Embedded beam row)	12418	2	4,500	-7,303	-3,957	-1,199	4,135
(palo 1500)	12419	3	4,500	-7,553	-3,990	-1,198	4,166
	12420	4	4,500	-7,803	-4,023	-1,196	4,197
	12421	5	4,500	-8,053	-4,056	-1,194	4,228
EmbeddedBeamRow_1_1	12421	1	4,500	-8,053	-4,056	-1,194	4,228
Element 1-4 (Embedded beam row)	12422	2	4,500	-8,303	-4,089	-1,193	4,259
(palo 1500)	12423	3	4,500	-8,553	-4,122	-1,191	4,291
	12424	4	4,500	-8,803	-4,155	-1,189	4,322
	12425	5	4,500	-9,053	-4,188	-1,188	4,353
EmbeddedBeamRow_1_1	12425	1	4,500	-9,053	-4,188	-1,188	4,353
Element 1-5 (Embedded beam row)	12426	2	4,500	-9,303	-4,220	-1,186	4,384
(palo 1500)	12427	3	4,500	-9,553	-4,252	-1,184	4,414

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	12428	4	4,500	-9,803	-4,283	-1,182	4,443
	12429	5	4,500	-10,053	-4,313	-1,180	4,472
EmbeddedBeamRow_1_1	12429	1	4,500	-10,053	-4,313	-1,180	4,472
Element 1-6 (Embedded beam row)	12430	2	4,500	-10,303	-4,342	-1,178	4,499
(palo 1500)	12431	3	4,500	-10,553	-4,370	-1,176	4,525
	12432	4	4,500	-10,803	-4,397	-1,174	4,551
	12433	5	4,500	-11,053	-4,422	-1,172	4,575
EmbeddedBeamRow_1_1	12433	1	4,500	-11,053	-4,422	-1,172	4,575
Element 1-7 (Embedded beam row)	12434	2	4,500	-11,317	-4,447	-1,170	4,599
(palo 1500)	12435	3	4,500	-11,582	-4,471	-1,168	4,621
	12436	4	4,500	-11,847	-4,493	-1,166	4,641
	12437	5	4,500	-12,111	-4,512	-1,163	4,660
EmbeddedBeamRow_1_1	12437	1	4,500	-12,111	-4,512	-1,163	4,660
Element 1-8 (Embedded beam row)	12438	2	4,500	-12,378	-4,530	-1,161	4,677
(palo 1500)	12439	3	4,500	-12,645	-4,547	-1,159	4,692
	12440	4	4,500	-12,912	-4,561	-1,156	4,705
	12441	5	4,500	-13,179	-4,572	-1,154	4,716
EmbeddedBeamRow_1_1	12441	1	4,500	-13,179	-4,572	-1,154	4,716
Element 1-9 (Embedded beam row)	12442	2	4,500	-13,449	-4,582	-1,151	4,725
(palo 1500)	12443	3	4,500	-13,718	-4,590	-1,149	4,732
	12444	4	4,500	-13,988	-4,596	-1,146	4,737
	12445	5	4,500	-14,258	-4,599	-1,144	4,739
EmbeddedBeamRow_1_1	12445	1	4,500	-14,258	-4,599	-1,144	4,739
Element 1-10 (Embedded beam row)	12446	2	4,500	-14,530	-4,600	-1,141	4,740
(palo 1500)	12447	3	4,500	-14,802	-4,600	-1,139	4,739
	12448	4	4,500	-15,074	-4,597	-1,136	4,735

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	12449	5	4,500	-15,346	-4,592	-1,134	4,730
EmbeddedBeamRow_1_1	12449	1	4,500	-15,346	-4,592	-1,134	4,730
Element 1-11 (Embedded beam row)	12450	2	4,500	-15,620	-4,585	-1,131	4,722
(palo 1500)	12451	3	4,500	-15,895	-4,576	-1,129	4,713
	12452	4	4,500	-16,169	-4,565	-1,126	4,702
	12453	5	4,500	-16,444	-4,552	-1,123	4,689
EmbeddedBeamRow_1_1	12453	1	4,500	-16,444	-4,552	-1,123	4,689
Element 1-12 (Embedded beam row)	12454	2	4,500	-16,721	-4,538	-1,121	4,674
(palo 1500)	12455	3	4,500	-16,998	-4,521	-1,118	4,657
	12456	4	4,500	-17,275	-4,503	-1,116	4,639
	12457	5	4,500	-17,552	-4,483	-1,113	4,619
EmbeddedBeamRow_1_1	12457	1	4,500	-17,552	-4,483	-1,113	4,619
Element 1-13 (Embedded beam row)	12458	2	4,500	-17,832	-4,462	-1,110	4,598
(palo 1500)	12459	3	4,500	-18,111	-4,438	-1,108	4,574
	12460	4	4,500	-18,391	-4,414	-1,105	4,550
	12461	5	4,500	-18,671	-4,387	-1,103	4,524
EmbeddedBeamRow_1_1	12461	1	4,500	-18,671	-4,387	-1,103	4,524
Element 1-14 (Embedded beam row)	12462	2	4,500	-18,953	-4,360	-1,100	4,496
(palo 1500)	12463	3	4,500	-19,235	-4,331	-1,097	4,467
	12464	4	4,500	-19,517	-4,300	-1,095	4,437
	12465	5	4,500	-19,799	-4,269	-1,092	4,406
EmbeddedBeamRow_1_1	12465	1	4,500	-19,799	-4,269	-1,092	4,406
Element 1-15 (Embedded beam row)	12466	2	4,500	-20,084	-4,236	-1,090	4,373
(palo 1500)	12467	3	4,500	-20,369	-4,201	-1,087	4,340
	12468	4	4,500	-20,654	-4,166	-1,085	4,305
	12469	5	4,500	-20,939	-4,129	-1,082	4,269

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
EmbeddedBeamRow_1_1	12469	1	4,500	-20,939	-4,129	-1,082	4,269
Element 1-16 (Embedded beam row)	12470	2	4,500	-21,226	-4,092	-1,080	4,232
(palo 1500)	12471	3	4,500	-21,514	-4,053	-1,077	4,194
	12472	4	4,500	-21,801	-4,013	-1,075	4,155
	12473	5	4,500	-22,089	-3,972	-1,073	4,115
EmbeddedBeamRow_1_1	12473	1	4,500	-22,089	-3,972	-1,073	4,115
Element 1-17 (Embedded beam row)	12474	2	4,500	-22,379	-3,931	-1,070	4,074
(palo 1500)	12475	3	4,500	-22,669	-3,888	-1,068	4,032
	12476	4	4,500	-22,959	-3,844	-1,066	3,989
	12477	5	4,500	-23,249	-3,800	-1,063	3,946
EmbeddedBeamRow_1_1	12477	1	4,500	-23,249	-3,800	-1,063	3,946
Element 1-18 (Embedded beam row)	12478	2	4,500	-23,542	-3,754	-1,061	3,901
(palo 1500)	12479	3	4,500	-23,835	-3,708	-1,059	3,856
	12480	4	4,500	-24,128	-3,660	-1,057	3,810
	12481	5	4,500	-24,421	-3,613	-1,055	3,764
EmbeddedBeamRow_1_1	12481	1	4,500	-24,421	-3,613	-1,055	3,764
Element 1-19 (Embedded beam row)	12482	2	4,500	-24,716	-3,564	-1,053	3,716
(palo 1500)	12483	3	4,500	-25,012	-3,514	-1,051	3,668
	12484	4	4,500	-25,307	-3,465	-1,049	3,620
	12485	5	4,500	-25,603	-3,414	-1,047	3,571
EmbeddedBeamRow_1_1	12485	1	4,500	-25,603	-3,414	-1,047	3,571
Element 1-20 (Embedded beam row)	12486	2	4,500	-25,901	-3,363	-1,045	3,521
(palo 1500)	12487	3	4,500	-26,199	-3,311	-1,043	3,471
	12488	4	4,500	-26,498	-3,259	-1,041	3,421
	12489	5	4,500	-26,796	-3,207	-1,040	3,371
EmbeddedBeamRow_1_1	12489	1	4,500	-26,796	-3,207	-1,040	3,371

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
Element 1-21 (Embedded beam row)	12490	2	4,500	-27,097	-3,154	-1,038	3,320
(palo 1500)	12491	3	4,500	-27,398	-3,100	-1,036	3,269
	12492	4	4,500	-27,699	-3,047	-1,035	3,218
	12493	5	4,500	-28,000	-2,994	-1,033	3,167
EmbeddedBeamRow_1_1	12493	1	4,500	-28,000	-2,994	-1,033	3,167
Element 1-22 (Embedded beam row)	12494	2	4,500	-28,223	-2,954	-1,032	3,129
(palo 1500)	12495	3	4,500	-28,445	-2,915	-1,031	3,092
	12496	4	4,500	-28,668	-2,875	-1,030	3,054
	12497	5	4,500	-28,890	-2,836	-1,029	3,017
EmbeddedBeamRow_2_1	12498	1	12,300	-4,890	-3,693	-1,692	4,062
Element 2-23 (Embedded beam row)	12499	2	12,300	-5,172	-3,706	-1,690	4,073
(palo 1500)	12500	3	12,300	-5,454	-3,718	-1,689	4,083
	12501	4	12,300	-5,737	-3,730	-1,687	4,094
	12502	5	12,300	-6,019	-3,741	-1,686	4,103
EmbeddedBeamRow_2_1	12502	1	12,300	-6,019	-3,741	-1,686	4,103
Element 2-24 (Embedded beam row)	12503	2	12,300	-6,267	-3,751	-1,684	4,112
(palo 1500)	12504	3	12,300	-6,515	-3,760	-1,683	4,119
	12505	4	12,300	-6,763	-3,769	-1,681	4,127
	12506	5	12,300	-7,011	-3,777	-1,680	4,134
EmbeddedBeamRow_2_1	12506	1	12,300	-7,011	-3,777	-1,680	4,134
Element 2-25 (Embedded beam row)	12507	2	12,300	-7,261	-3,786	-1,679	4,141
(palo 1500)	12508	3	12,300	-7,511	-3,793	-1,677	4,148
	12509	4	12,300	-7,761	-3,801	-1,675	4,154
	12510	5	12,300	-8,011	-3,807	-1,674	4,159
EmbeddedBeamRow_2_1	12510	1	12,300	-8,011	-3,807	-1,674	4,159
Element 2-26 (Embedded beam row)	12511	2	12,300	-8,261	-3,814	-1,672	4,164

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
(palo 1500)	12512	3	12,300	-8,511	-3,820	-1,670	4,169
	12513	4	12,300	-8,761	-3,825	-1,669	4,173
	12514	5	12,300	-9,011	-3,830	-1,667	4,177
EmbeddedBeamRow_2_1	12514	1	12,300	-9,011	-3,830	-1,667	4,177
Element 2-27 (Embedded beam row)	12515	2	12,300	-9,261	-3,835	-1,665	4,181
(palo 1500)	12516	3	12,300	-9,511	-3,839	-1,663	4,183
	12517	4	12,300	-9,761	-3,842	-1,661	4,186
	12518	5	12,300	-10,011	-3,845	-1,660	4,188
EmbeddedBeamRow_2_1	12518	1	12,300	-10,011	-3,845	-1,660	4,188
Element 2-28 (Embedded beam row)	12519	2	12,300	-10,261	-3,847	-1,658	4,189
(palo 1500)	12520	3	12,300	-10,511	-3,849	-1,656	4,190
	12521	4	12,300	-10,761	-3,850	-1,654	4,190
	12522	5	12,300	-11,011	-3,850	-1,652	4,190
EmbeddedBeamRow_2_1	12522	1	12,300	-11,011	-3,850	-1,652	4,190
Element 2-29 (Embedded beam row)	12523	2	12,300	-11,261	-3,850	-1,649	4,189
(palo 1500)	12524	3	12,300	-11,511	-3,850	-1,647	4,187
	12525	4	12,300	-11,761	-3,848	-1,645	4,185
	12526	5	12,300	-12,011	-3,846	-1,643	4,182
EmbeddedBeamRow_2_1	12526	1	12,300	-12,011	-3,846	-1,643	4,182
Element 2-30 (Embedded beam row)	12527	2	12,300	-12,279	-3,843	-1,641	4,179
(palo 1500)	12528	3	12,300	-12,546	-3,840	-1,638	4,175
	12529	4	12,300	-12,814	-3,835	-1,636	4,170
	12530	5	12,300	-13,081	-3,830	-1,633	4,164
EmbeddedBeamRow_2_1	12530	1	12,300	-13,081	-3,830	-1,633	4,164
Element 2-31 (Embedded beam row)	12531	2	12,300	-13,351	-3,824	-1,631	4,157
(palo 1500)	12532	3	12,300	-13,621	-3,817	-1,628	4,150

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	12533	4	12,300	-13,891	-3,809	-1,625	4,142
	12534	5	12,300	-14,162	-3,801	-1,623	4,133
EmbeddedBeamRow_2_1	12534	1	12,300	-14,162	-3,801	-1,623	4,133
Element 2-32 (Embedded beam row)	12535	2	12,300	-14,434	-3,791	-1,620	4,123
(palo 1500)	12536	3	12,300	-14,707	-3,780	-1,617	4,112
	12537	4	12,300	-14,980	-3,769	-1,615	4,100
	12538	5	12,300	-15,253	-3,757	-1,612	4,088
EmbeddedBeamRow_2_1	12538	1	12,300	-15,253	-3,757	-1,612	4,088
Element 2-33 (Embedded beam row)	12539	2	12,300	-15,528	-3,743	-1,609	4,074
(palo 1500)	12540	3	12,300	-15,804	-3,729	-1,606	4,060
	12541	4	12,300	-16,079	-3,713	-1,603	4,045
	12542	5	12,300	-16,355	-3,697	-1,600	4,028
EmbeddedBeamRow_2_1	12542	1	12,300	-16,355	-3,697	-1,600	4,028
Element 2-34 (Embedded beam row)	12543	2	12,300	-16,633	-3,679	-1,597	4,011
(palo 1500)	12544	3	12,300	-16,912	-3,661	-1,594	3,993
	12545	4	12,300	-17,190	-3,641	-1,591	3,974
	12546	5	12,300	-17,468	-3,621	-1,588	3,954
EmbeddedBeamRow_2_1	12546	1	12,300	-17,468	-3,621	-1,588	3,954
Element 2-35 (Embedded beam row)	12547	2	12,300	-17,749	-3,599	-1,585	3,932
(palo 1500)	12548	3	12,300	-18,030	-3,576	-1,582	3,910
	12549	4	12,300	-18,311	-3,552	-1,579	3,887
	12550	5	12,300	-18,593	-3,527	-1,576	3,863
EmbeddedBeamRow_2_1	12550	1	12,300	-18,593	-3,527	-1,576	3,863
Element 2-36 (Embedded beam row)	12551	2	12,300	-18,876	-3,500	-1,573	3,837
(palo 1500)	12552	3	12,300	-19,160	-3,473	-1,570	3,811
	12553	4	12,300	-19,444	-3,444	-1,567	3,784

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	12554	5	12,300	-19,728	-3,415	-1,563	3,756
EmbeddedBeamRow_2_1	12554	1	12,300	-19,728	-3,415	-1,563	3,756
Element 2-37 (Embedded beam row)	12555	2	12,300	-20,015	-3,384	-1,560	3,726
(palo 1500)	12556	3	12,300	-20,301	-3,352	-1,557	3,696
	12557	4	12,300	-20,588	-3,319	-1,554	3,665
	12558	5	12,300	-20,875	-3,285	-1,551	3,633
EmbeddedBeamRow_2_1	12558	1	12,300	-20,875	-3,285	-1,551	3,633
Element 2-38 (Embedded beam row)	12559	2	12,300	-21,164	-3,250	-1,548	3,600
(palo 1500)	12560	3	12,300	-21,454	-3,214	-1,545	3,566
	12561	4	12,300	-21,744	-3,177	-1,542	3,531
	12562	5	12,300	-22,033	-3,139	-1,539	3,496
EmbeddedBeamRow_2_1	12562	1	12,300	-22,033	-3,139	-1,539	3,496
Element 2-39 (Embedded beam row)	12563	2	12,300	-22,326	-3,099	-1,536	3,459
(palo 1500)	12564	3	12,300	-22,618	-3,059	-1,533	3,422
	12565	4	12,300	-22,910	-3,018	-1,530	3,384
	12566	5	12,300	-23,203	-2,976	-1,528	3,345
EmbeddedBeamRow_2_1	12566	1	12,300	-23,203	-2,976	-1,528	3,345
Element 2-40 (Embedded beam row)	12567	2	12,300	-23,498	-2,933	-1,525	3,306
(palo 1500)	12568	3	12,300	-23,794	-2,889	-1,522	3,266
	12569	4	12,300	-24,089	-2,845	-1,519	3,225
	12570	5	12,300	-24,384	-2,800	-1,517	3,184
EmbeddedBeamRow_2_1	12570	1	12,300	-24,384	-2,800	-1,517	3,184
Element 2-41 (Embedded beam row)	12571	2	12,300	-24,683	-2,754	-1,514	3,143
(palo 1500)	12572	3	12,300	-24,981	-2,707	-1,511	3,101
	12573	4	12,300	-25,279	-2,660	-1,509	3,058
	12574	5	12,300	-25,578	-2,613	-1,506	3,016

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
EmbeddedBeamRow_2_1	12574	1	12,300	-25,578	-2,613	-1,506	3,016
Element 2-42 (Embedded beam row)	12575	2	12,300	-25,879	-2,564	-1,504	2,973
(palo 1500)	12576	3	12,300	-26,180	-2,516	-1,501	2,930
	12577	4	12,300	-26,482	-2,467	-1,499	2,887
	12578	5	12,300	-26,783	-2,418	-1,497	2,844
EmbeddedBeamRow_2_1	12578	1	12,300	-26,783	-2,418	-1,497	2,844
Element 2-43 (Embedded beam row)	12579	2	12,300	-27,087	-2,368	-1,495	2,800
(palo 1500)	12580	3	12,300	-27,391	-2,318	-1,493	2,757
	12581	4	12,300	-27,696	-2,268	-1,491	2,714
	12582	5	12,300	-28,000	-2,218	-1,489	2,671
EmbeddedBeamRow_2_1	12582	1	12,300	-28,000	-2,218	-1,489	2,671
Element 2-44 (Embedded beam row)	12583	2	12,300	-28,223	-2,182	-1,487	2,640
(palo 1500)	12584	3	12,300	-28,445	-2,145	-1,486	2,609
	12585	4	12,300	-28,668	-2,108	-1,485	2,579
	12586	5	12,300	-28,890	-2,072	-1,483	2,548

3.3.1.2.1.8 Calculation results, Embedded beam row, plinto+pali [Phase_7] (7/28), Table of relative total displacements

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
EmbeddedBeamRow_1_1	12409	1	4,500	-4,890	0,000	0,000	0,000
Element 1-1 (Embedded beam row)	12410	2	4,500	-5,181	13,611	0,000	0,000
(palo 1500)	12411	3	4,500	-5,471	28,770	0,000	0,000
	12412	4	4,500	-5,762	33,040	0,000	0,000
	12413	5	4,500	-6,053	26,915	0,000	0,000
EmbeddedBeamRow_1_1	12413	1	4,500	-6,053	26,915	0,000	0,000
Element 1-2 (Embedded beam row)	12414	2	4,500	-6,303	38,455	0,000	0,000
(palo 1500)	12415	3	4,500	-6,553	47,174	0,000	0,000
	12416	4	4,500	-6,803	53,534	0,000	0,000
	12417	5	4,500	-7,053	57,837	0,000	0,000
EmbeddedBeamRow_1_1	12417	1	4,500	-7,053	57,837	0,000	0,000
Element 1-3 (Embedded beam row)	12418	2	4,500	-7,303	60,647	0,000	0,000
(palo 1500)	12419	3	4,500	-7,553	62,131	0,000	0,000
	12420	4	4,500	-7,803	62,525	0,000	0,000
	12421	5	4,500	-8,053	62,010	0,000	0,000
EmbeddedBeamRow_1_1	12421	1	4,500	-8,053	62,010	0,000	0,000
Element 1-4 (Embedded beam row)	12422	2	4,500	-8,303	60,700	0,000	0,000
(palo 1500)	12423	3	4,500	-8,553	58,693	0,000	0,000
	12424	4	4,500	-8,803	56,056	0,000	0,000
	12425	5	4,500	-9,053	52,859	0,000	0,000
EmbeddedBeamRow_1_1	12425	1	4,500	-9,053	52,859	0,000	0,000
Element 1-5 (Embedded beam row)	12426	2	4,500	-9,303	49,134	0,000	0,000
(palo 1500)	12427	3	4,500	-9,553	44,914	0,000	0,000

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
	12428	4	4,500	-9,803	40,214	0,000	0,000
	12429	5	4,500	-10,053	35,048	0,000	0,000
EmbeddedBeamRow_1_1	12429	1	4,500	-10,053	35,048	0,000	0,000
Element 1-6 (Embedded beam row)	12430	2	4,500	-10,303	29,398	0,000	0,000
(palo 1500)	12431	3	4,500	-10,553	23,288	0,000	0,000
	12432	4	4,500	-10,803	16,775	0,000	0,000
	12433	5	4,500	-11,053	10,173	0,000	0,000
EmbeddedBeamRow_1_1	12433	1	4,500	-11,053	10,173	0,000	0,000
Element 1-7 (Embedded beam row)	12434	2	4,500	-11,317	9,805	0,000	0,000
(palo 1500)	12435	3	4,500	-11,582	8,968	0,000	0,000
	12436	4	4,500	-11,847	8,109	0,000	0,000
	12437	5	4,500	-12,111	7,101	0,000	0,000
EmbeddedBeamRow_1_1	12437	1	4,500	-12,111	7,101	0,000	0,000
Element 1-8 (Embedded beam row)	12438	2	4,500	-12,378	6,058	0,000	0,000
(palo 1500)	12439	3	4,500	-12,645	5,006	0,000	0,000
	12440	4	4,500	-12,912	3,964	0,000	0,000
	12441	5	4,500	-13,179	2,940	0,000	0,000
EmbeddedBeamRow_1_1	12441	1	4,500	-13,179	2,940	0,000	0,000
Element 1-9 (Embedded beam row)	12442	2	4,500	-13,449	1,931	0,000	0,000
(palo 1500)	12443	3	4,500	-13,718	0,950	0,000	0,000
	12444	4	4,500	-13,988	-0,005	0,000	0,000
	12445	5	4,500	-14,258	-0,934	0,000	0,000
EmbeddedBeamRow_1_1	12445	1	4,500	-14,258	-0,934	0,000	0,000
Element 1-10 (Embedded beam row)	12446	2	4,500	-14,530	-1,851	0,000	0,000
(palo 1500)	12447	3	4,500	-14,802	-2,749	0,000	0,000
	12448	4	4,500	-15,074	-3,634	0,000	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
	12449	5	4,500	-15,346	-4,511	0,000	0,000
EmbeddedBeamRow_1_1	12449	1	4,500	-15,346	-4,511	0,000	0,000
Element 1-11 (Embedded beam row)	12450	2	4,500	-15,620	-5,390	0,000	0,000
(palo 1500)	12451	3	4,500	-15,895	-6,267	0,000	0,000
	12452	4	4,500	-16,169	-7,144	-0,001	0,001
	12453	5	4,500	-16,444	-8,021	-0,001	0,001
EmbeddedBeamRow_1_1	12453	1	4,500	-16,444	-8,021	-0,001	0,001
Element 1-12 (Embedded beam row)	12454	2	4,500	-16,721	-8,904	-0,001	0,001
(palo 1500)	12455	3	4,500	-16,998	-9,780	-0,001	0,001
	12456	4	4,500	-17,275	-10,642	-0,001	0,001
	12457	5	4,500	-17,552	-11,479	-0,001	0,001
EmbeddedBeamRow_1_1	12457	1	4,500	-17,552	-11,479	-0,001	0,001
Element 1-13 (Embedded beam row)	12458	2	4,500	-17,832	-12,285	-0,001	0,001
(palo 1500)	12459	3	4,500	-18,111	-13,036	-0,001	0,001
	12460	4	4,500	-18,391	-13,714	-0,001	0,001
	12461	5	4,500	-18,671	-14,302	-0,001	0,001
EmbeddedBeamRow_1_1	12461	1	4,500	-18,671	-14,302	-0,001	0,001
Element 1-14 (Embedded beam row)	12462	2	4,500	-18,953	-14,785	-0,001	0,001
(palo 1500)	12463	3	4,500	-19,235	-15,145	-0,001	0,001
	12464	4	4,500	-19,517	-15,370	-0,001	0,001
	12465	5	4,500	-19,799	-15,462	-0,001	0,001
EmbeddedBeamRow_1_1	12465	1	4,500	-19,799	-15,462	-0,001	0,001
Element 1-15 (Embedded beam row)	12466	2	4,500	-20,084	-15,426	-0,001	0,001
(palo 1500)	12467	3	4,500	-20,369	-15,282	-0,001	0,001
	12468	4	4,500	-20,654	-15,061	-0,001	0,001
	12469	5	4,500	-20,939	-14,805	-0,001	0,001

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
EmbeddedBeamRow_1_1	12469	1	4,500	-20,939	-14,805	-0,001	0,001
Element 1-16 (Embedded beam row)	12470	2	4,500	-21,226	-14,564	-0,001	0,001
(palo 1500)	12471	3	4,500	-21,514	-14,397	-0,001	0,001
	12472	4	4,500	-21,801	-14,361	-0,001	0,001
	12473	5	4,500	-22,089	-14,515	-0,001	0,001
EmbeddedBeamRow_1_1	12473	1	4,500	-22,089	-14,515	-0,001	0,001
Element 1-17 (Embedded beam row)	12474	2	4,500	-22,379	-14,918	-0,001	0,001
(palo 1500)	12475	3	4,500	-22,669	-15,629	-0,001	0,001
	12476	4	4,500	-22,959	-16,596	-0,001	0,001
	12477	5	4,500	-23,249	-17,550	-0,001	0,001
EmbeddedBeamRow_1_1	12477	1	4,500	-23,249	-17,550	-0,001	0,001
Element 1-18 (Embedded beam row)	12478	2	4,500	-23,542	-18,172	-0,001	0,001
(palo 1500)	12479	3	4,500	-23,835	-18,429	-0,001	0,001
	12480	4	4,500	-24,128	-18,293	-0,001	0,001
	12481	5	4,500	-24,421	-17,818	-0,001	0,001
EmbeddedBeamRow_1_1	12481	1	4,500	-24,421	-17,818	-0,001	0,001
Element 1-19 (Embedded beam row)	12482	2	4,500	-24,716	-16,881	-0,001	0,001
(palo 1500)	12483	3	4,500	-25,012	-15,381	-0,001	0,001
	12484	4	4,500	-25,307	-13,264	-0,001	0,001
	12485	5	4,500	-25,603	-10,484	-0,001	0,001
EmbeddedBeamRow_1_1	12485	1	4,500	-25,603	-10,484	-0,001	0,001
Element 1-20 (Embedded beam row)	12486	2	4,500	-25,901	-7,007	-0,001	0,001
(palo 1500)	12487	3	4,500	-26,199	-2,894	-0,001	0,001
	12488	4	4,500	-26,498	1,992	-0,001	0,001
	12489	5	4,500	-26,796	8,269	-0,001	0,001
EmbeddedBeamRow_1_1	12489	1	4,500	-26,796	8,269	-0,001	0,001

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
Element 1-21 (Embedded beam row)	12490	2	4,500	-27,097	12,400	-0,001	0,001
(palo 1500)	12491	3	4,500	-27,398	19,238	-0,001	0,001
	12492	4	4,500	-27,699	24,513	-0,001	0,001
	12493	5	4,500	-28,000	28,238	-0,001	0,001
EmbeddedBeamRow_1_1	12493	1	4,500	-28,000	28,238	-0,001	0,001
Element 1-22 (Embedded beam row)	12494	2	4,500	-28,223	34,411	-0,001	0,001
(palo 1500)	12495	3	4,500	-28,445	41,423	-0,001	0,001
	12496	4	4,500	-28,668	46,760	-0,001	0,001
	12497	5	4,500	-28,890	56,077	-0,001	0,001
EmbeddedBeamRow_2_1	12498	1	12,300	-4,890	0,000	0,000	0,000
Element 2-23 (Embedded beam row)	12499	2	12,300	-5,172	-4,861	0,000	0,000
(palo 1500)	12500	3	12,300	-5,454	-22,323	0,000	0,000
	12501	4	12,300	-5,737	-35,386	0,000	0,000
	12502	5	12,300	-6,019	-43,220	0,000	0,000
EmbeddedBeamRow_2_1	12502	1	12,300	-6,019	-43,220	0,000	0,000
Element 2-24 (Embedded beam row)	12503	2	12,300	-6,267	-45,405	0,000	0,000
(palo 1500)	12504	3	12,300	-6,515	-43,608	0,000	0,000
	12505	4	12,300	-6,763	-37,226	0,000	0,000
	12506	5	12,300	-7,011	-24,263	0,000	0,000
EmbeddedBeamRow_2_1	12506	1	12,300	-7,011	-24,263	0,000	0,000
Element 2-25 (Embedded beam row)	12507	2	12,300	-7,261	-30,264	0,000	0,000
(palo 1500)	12508	3	12,300	-7,511	-34,283	0,000	0,000
	12509	4	12,300	-7,761	-37,394	0,000	0,000
	12510	5	12,300	-8,011	-39,641	0,000	0,000
EmbeddedBeamRow_2_1	12510	1	12,300	-8,011	-39,641	0,000	0,000
Element 2-26 (Embedded beam row)	12511	2	12,300	-8,261	-40,970	0,000	0,000

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
(palo 1500)	12512	3	12,300	-8,511	-41,529	0,000	0,000
	12513	4	12,300	-8,761	-41,367	0,000	0,000
	12514	5	12,300	-9,011	-40,536	0,000	0,000
EmbeddedBeamRow_2_1	12514	1	12,300	-9,011	-40,536	0,000	0,000
Element 2-27 (Embedded beam row)	12515	2	12,300	-9,261	-39,071	0,000	0,000
(palo 1500)	12516	3	12,300	-9,511	-37,012	0,000	0,000
	12517	4	12,300	-9,761	-34,373	0,000	0,000
	12518	5	12,300	-10,011	-31,173	0,000	0,000
EmbeddedBeamRow_2_1	12518	1	12,300	-10,011	-31,173	0,000	0,000
Element 2-28 (Embedded beam row)	12519	2	12,300	-10,261	-27,407	0,000	0,000
(palo 1500)	12520	3	12,300	-10,511	-23,071	0,000	0,000
	12521	4	12,300	-10,761	-18,135	0,000	0,000
	12522	5	12,300	-11,011	-12,572	0,000	0,000
EmbeddedBeamRow_2_1	12522	1	12,300	-11,011	-12,572	0,000	0,000
Element 2-29 (Embedded beam row)	12523	2	12,300	-11,261	-6,322	0,000	0,000
(palo 1500)	12524	3	12,300	-11,511	0,667	0,000	0,000
	12525	4	12,300	-11,761	8,629	0,000	0,000
	12526	5	12,300	-12,011	17,764	0,000	0,000
EmbeddedBeamRow_2_1	12526	1	12,300	-12,011	17,764	0,000	0,000
Element 2-30 (Embedded beam row)	12527	2	12,300	-12,279	17,463	0,000	0,000
(palo 1500)	12528	3	12,300	-12,546	16,744	0,000	0,000
	12529	4	12,300	-12,814	15,914	0,000	0,000
	12530	5	12,300	-13,081	15,089	0,000	0,000
EmbeddedBeamRow_2_1	12530	1	12,300	-13,081	15,089	0,000	0,000
Element 2-31 (Embedded beam row)	12531	2	12,300	-13,351	14,316	0,000	0,000
(palo 1500)	12532	3	12,300	-13,621	13,585	0,000	0,000

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
	12533	4	12,300	-13,891	12,909	0,000	0,000
	12534	5	12,300	-14,162	12,287	-0,001	0,001
EmbeddedBeamRow_2_1	12534	1	12,300	-14,162	12,287	-0,001	0,001
Element 2-32 (Embedded beam row)	12535	2	12,300	-14,434	11,717	-0,001	0,001
(palo 1500)	12536	3	12,300	-14,707	11,202	-0,001	0,001
	12537	4	12,300	-14,980	10,742	-0,001	0,001
	12538	5	12,300	-15,253	10,334	-0,001	0,001
EmbeddedBeamRow_2_1	12538	1	12,300	-15,253	10,334	-0,001	0,001
Element 2-33 (Embedded beam row)	12539	2	12,300	-15,528	9,974	-0,001	0,001
(palo 1500)	12540	3	12,300	-15,804	9,663	-0,001	0,001
	12541	4	12,300	-16,079	9,398	-0,001	0,001
	12542	5	12,300	-16,355	9,177	-0,001	0,001
EmbeddedBeamRow_2_1	12542	1	12,300	-16,355	9,177	-0,001	0,001
Element 2-34 (Embedded beam row)	12543	2	12,300	-16,633	8,996	-0,001	0,001
(palo 1500)	12544	3	12,300	-16,912	8,853	-0,001	0,001
	12545	4	12,300	-17,190	8,745	-0,001	0,001
	12546	5	12,300	-17,468	8,669	-0,001	0,001
EmbeddedBeamRow_2_1	12546	1	12,300	-17,468	8,669	-0,001	0,001
Element 2-35 (Embedded beam row)	12547	2	12,300	-17,749	8,619	-0,001	0,001
(palo 1500)	12548	3	12,300	-18,030	8,593	-0,001	0,001
	12549	4	12,300	-18,311	8,584	-0,001	0,001
	12550	5	12,300	-18,593	8,586	-0,001	0,001
EmbeddedBeamRow_2_1	12550	1	12,300	-18,593	8,586	-0,001	0,001
Element 2-36 (Embedded beam row)	12551	2	12,300	-18,876	8,595	-0,001	0,001
(palo 1500)	12552	3	12,300	-19,160	8,602	-0,001	0,001
	12553	4	12,300	-19,444	8,601	-0,001	0,001

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
	12554	5	12,300	-19,728	8,582	-0,001	0,001
EmbeddedBeamRow_2_1	12554	1	12,300	-19,728	8,582	-0,001	0,001
Element 2-37 (Embedded beam row)	12555	2	12,300	-20,015	8,537	-0,001	0,001
(palo 1500)	12556	3	12,300	-20,301	8,456	-0,001	0,001
	12557	4	12,300	-20,588	8,330	-0,001	0,001
	12558	5	12,300	-20,875	8,149	-0,001	0,001
EmbeddedBeamRow_2_1	12558	1	12,300	-20,875	8,149	-0,001	0,001
Element 2-38 (Embedded beam row)	12559	2	12,300	-21,164	7,900	-0,001	0,001
(palo 1500)	12560	3	12,300	-21,454	7,577	-0,001	0,001
	12561	4	12,300	-21,744	7,166	-0,001	0,001
	12562	5	12,300	-22,033	6,665	-0,001	0,001
EmbeddedBeamRow_2_1	12562	1	12,300	-22,033	6,665	-0,001	0,001
Element 2-39 (Embedded beam row)	12563	2	12,300	-22,326	6,058	-0,001	0,001
(palo 1500)	12564	3	12,300	-22,618	5,347	-0,001	0,001
	12565	4	12,300	-22,910	4,526	-0,001	0,001
	12566	5	12,300	-23,203	3,600	-0,001	0,001
EmbeddedBeamRow_2_1	12566	1	12,300	-23,203	3,600	-0,001	0,001
Element 2-40 (Embedded beam row)	12567	2	12,300	-23,498	2,559	-0,001	0,001
(palo 1500)	12568	3	12,300	-23,794	1,421	-0,001	0,001
	12569	4	12,300	-24,089	0,193	-0,001	0,001
	12570	5	12,300	-24,384	-1,105	-0,001	0,001
EmbeddedBeamRow_2_1	12570	1	12,300	-24,384	-1,105	-0,001	0,001
Element 2-41 (Embedded beam row)	12571	2	12,300	-24,683	-2,483	-0,001	0,001
(palo 1500)	12572	3	12,300	-24,981	-3,896	-0,001	0,001
	12573	4	12,300	-25,279	-5,336	-0,001	0,001
	12574	5	12,300	-25,578	-6,738	-0,001	0,001

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
EmbeddedBeamRow_2_1	12574	1	12,300	-25,578	-6,738	-0,001	0,001
Element 2-42 (Embedded beam row)	12575	2	12,300	-25,879	-8,198	-0,001	0,001
(palo 1500)	12576	3	12,300	-26,180	-9,467	-0,001	0,001
	12577	4	12,300	-26,482	-11,031	-0,001	0,001
	12578	5	12,300	-26,783	-11,369	-0,001	0,001
EmbeddedBeamRow_2_1	12578	1	12,300	-26,783	-11,369	-0,001	0,001
Element 2-43 (Embedded beam row)	12579	2	12,300	-27,087	-12,835	-0,001	0,001
(palo 1500)	12580	3	12,300	-27,391	-11,637	-0,001	0,001
	12581	4	12,300	-27,696	-9,970	-0,001	0,001
	12582	5	12,300	-28,000	-6,412	-0,001	0,001
EmbeddedBeamRow_2_1	12582	1	12,300	-28,000	-6,412	-0,001	0,001
Element 2-44 (Embedded beam row)	12583	2	12,300	-28,223	-6,435	-0,001	0,001
(palo 1500)	12584	3	12,300	-28,445	-0,970	-0,001	0,001
	12585	4	12,300	-28,668	16,820	-0,001	0,001
	12586	5	12,300	-28,890	52,764	-0,001	0,001

3.3.1.2.1.9 Calculation results, Embedded beam row, carico orizzontale [Phase_3] (3/31), Table of relative total displacements

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
EmbeddedBeamRow_1_1	12409	1	4,500	-4,890	0,000	0,000	0,000
Element 1-1 (Embedded beam row)	12410	2	4,500	-5,181	-256,267	354,238	0,000
(palo 1500)	12411	3	4,500	-5,471	-318,488	531,574	0,001
	12412	4	4,500	-5,762	-308,063	661,956	0,001
	12413	5	4,500	-6,053	-257,910	798,827	0,001
EmbeddedBeamRow_1_1	12413	1	4,500	-6,053	-257,910	798,827	0,001
Element 1-2 (Embedded beam row)	12414	2	4,500	-6,303	-236,903	823,994	0,001
(palo 1500)	12415	3	4,500	-6,553	-207,571	846,194	0,001
	12416	4	4,500	-6,803	-172,526	862,830	0,001
	12417	5	4,500	-7,053	-133,095	873,257	0,001
EmbeddedBeamRow_1_1	12417	1	4,500	-7,053	-133,095	873,257	0,001
Element 1-3 (Embedded beam row)	12418	2	4,500	-7,303	-91,058	877,928	0,001
(palo 1500)	12419	3	4,500	-7,553	-47,637	876,770	0,001
	12420	4	4,500	-7,803	-4,031	870,052	0,001
	12421	5	4,500	-8,053	38,726	858,130	0,001
EmbeddedBeamRow_1_1	12421	1	4,500	-8,053	38,726	858,130	0,001
Element 1-4 (Embedded beam row)	12422	2	4,500	-8,303	79,764	841,420	0,001
(palo 1500)	12423	3	4,500	-8,553	118,354	820,381	0,001
	12424	4	4,500	-8,803	153,866	795,519	0,001
	12425	5	4,500	-9,053	185,853	767,370	0,001
EmbeddedBeamRow_1_1	12425	1	4,500	-9,053	185,853	767,370	0,001
Element 1-5 (Embedded beam row)	12426	2	4,500	-9,303	213,910	736,483	0,001
(palo 1500)	12427	3	4,500	-9,553	237,792	703,407	0,001

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
	12428	4	4,500	-9,803	257,333	668,687	0,001
	12429	5	4,500	-10,053	272,462	632,840	0,001
EmbeddedBeamRow_1_1	12429	1	4,500	-10,053	272,462	632,840	0,001
Element 1-6 (Embedded beam row)	12430	2	4,500	-10,303	283,247	596,303	0,001
(palo 1500)	12431	3	4,500	-10,553	289,726	559,723	0,001
	12432	4	4,500	-10,803	291,954	523,241	0,001
	12433	5	4,500	-11,053	289,968	486,334	0,001
EmbeddedBeamRow_1_1	12433	1	4,500	-11,053	289,968	486,334	0,001
Element 1-7 (Embedded beam row)	12434	2	4,500	-11,317	285,657	447,590	0,001
(palo 1500)	12435	3	4,500	-11,582	279,500	410,678	0,000
	12436	4	4,500	-11,847	270,963	374,992	0,000
	12437	5	4,500	-12,111	260,533	340,525	0,000
EmbeddedBeamRow_1_1	12437	1	4,500	-12,111	260,533	340,525	0,000
Element 1-8 (Embedded beam row)	12438	2	4,500	-12,378	248,295	307,087	0,000
(palo 1500)	12439	3	4,500	-12,645	234,712	274,930	0,000
	12440	4	4,500	-12,912	220,071	244,078	0,000
	12441	5	4,500	-13,179	204,657	214,511	0,000
EmbeddedBeamRow_1_1	12441	1	4,500	-13,179	204,657	214,511	0,000
Element 1-9 (Embedded beam row)	12442	2	4,500	-13,449	188,570	185,935	0,000
(palo 1500)	12443	3	4,500	-13,718	172,181	158,589	0,000
	12444	4	4,500	-13,988	155,686	132,426	0,000
	12445	5	4,500	-14,258	139,259	107,389	0,000
EmbeddedBeamRow_1_1	12445	1	4,500	-14,258	139,259	107,389	0,000
Element 1-10 (Embedded beam row)	12446	2	4,500	-14,530	122,893	83,205	0,000
(palo 1500)	12447	3	4,500	-14,802	106,871	60,053	0,000
	12448	4	4,500	-15,074	91,299	37,883	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
	12449	5	4,500	-15,346	76,259	16,643	0,000
EmbeddedBeamRow_1_1	12449	1	4,500	-15,346	76,259	16,643	0,000
Element 1-11 (Embedded beam row)	12450	2	4,500	-15,620	61,698	-3,901	0,000
(palo 1500)	12451	3	4,500	-15,895	47,815	-23,588	0,000
	12452	4	4,500	-16,169	34,670	-42,452	0,000
	12453	5	4,500	-16,444	22,303	-60,528	0,000
EmbeddedBeamRow_1_1	12453	1	4,500	-16,444	22,303	-60,528	0,000
Element 1-12 (Embedded beam row)	12454	2	4,500	-16,721	10,667	-77,999	0,000
(palo 1500)	12455	3	4,500	-16,998	-0,086	-94,724	0,000
	12456	4	4,500	-17,275	-9,895	-110,722	0,000
	12457	5	4,500	-17,552	-18,719	-126,031	0,000
EmbeddedBeamRow_1_1	12457	1	4,500	-17,552	-18,719	-126,031	0,000
Element 1-13 (Embedded beam row)	12458	2	4,500	-17,832	-26,563	-140,816	0,000
(palo 1500)	12459	3	4,500	-18,111	-33,290	-154,972	0,000
	12460	4	4,500	-18,391	-38,833	-168,566	0,000
	12461	5	4,500	-18,671	-43,158	-181,669	0,000
EmbeddedBeamRow_1_1	12461	1	4,500	-18,671	-43,158	-181,669	0,000
Element 1-14 (Embedded beam row)	12462	2	4,500	-18,953	-46,227	-194,491	0,000
(palo 1500)	12463	3	4,500	-19,235	-47,991	-207,027	0,000
	12464	4	4,500	-19,517	-48,442	-219,402	0,000
	12465	5	4,500	-19,799	-47,629	-231,763	0,000
EmbeddedBeamRow_1_1	12465	1	4,500	-19,799	-47,629	-231,763	0,000
Element 1-15 (Embedded beam row)	12466	2	4,500	-20,084	-45,593	-244,369	0,000
(palo 1500)	12467	3	4,500	-20,369	-42,456	-257,261	0,000
	12468	4	4,500	-20,654	-38,365	-270,567	0,000
	12469	5	4,500	-20,939	-33,498	-284,388	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
EmbeddedBeamRow_1_1	12469	1	4,500	-20,939	-33,498	-284,388	0,000
Element 1-16 (Embedded beam row)	12470	2	4,500	-21,226	-27,982	-298,935	0,000
(palo 1500)	12471	3	4,500	-21,514	-22,052	-314,123	0,000
	12472	4	4,500	-21,801	-15,870	-329,948	0,000
	12473	5	4,500	-22,089	-9,553	-346,369	0,000
EmbeddedBeamRow_1_1	12473	1	4,500	-22,089	-9,553	-346,369	0,000
Element 1-17 (Embedded beam row)	12474	2	4,500	-22,379	-3,170	-363,442	0,000
(palo 1500)	12475	3	4,500	-22,669	3,355	-380,915	0,000
	12476	4	4,500	-22,959	9,858	-398,544	0,000
	12477	5	4,500	-23,249	15,898	-416,044	0,000
EmbeddedBeamRow_1_1	12477	1	4,500	-23,249	15,898	-416,044	0,000
Element 1-18 (Embedded beam row)	12478	2	4,500	-23,542	20,897	-433,334	0,000
(palo 1500)	12479	3	4,500	-23,835	24,683	-450,218	0,000
	12480	4	4,500	-24,128	27,189	-466,683	0,000
	12481	5	4,500	-24,421	28,429	-482,699	0,000
EmbeddedBeamRow_1_1	12481	1	4,500	-24,421	28,429	-482,699	0,000
Element 1-19 (Embedded beam row)	12482	2	4,500	-24,716	28,126	-498,245	0,000
(palo 1500)	12483	3	4,500	-25,012	26,224	-513,112	0,001
	12484	4	4,500	-25,307	22,592	-527,210	0,001
	12485	5	4,500	-25,603	17,111	-540,460	0,001
EmbeddedBeamRow_1_1	12485	1	4,500	-25,603	17,111	-540,460	0,001
Element 1-20 (Embedded beam row)	12486	2	4,500	-25,901	9,587	-552,918	0,001
(palo 1500)	12487	3	4,500	-26,199	-0,086	-564,302	0,001
	12488	4	4,500	-26,498	-12,103	-574,420	0,001
	12489	5	4,500	-26,796	-26,410	-583,119	0,001
EmbeddedBeamRow_1_1	12489	1	4,500	-26,796	-26,410	-583,119	0,001

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
Element 1-21 (Embedded beam row)	12490	2	4,500	-27,097	-43,862	-591,399	0,001
(palo 1500)	12491	3	4,500	-27,398	-63,709	-596,079	0,001
	12492	4	4,500	-27,699	-86,723	-598,175	0,001
	12493	5	4,500	-28,000	-112,888	-597,977	0,001
EmbeddedBeamRow_1_1	12493	1	4,500	-28,000	-112,888	-597,977	0,001
Element 1-22 (Embedded beam row)	12494	2	4,500	-28,223	-134,441	-593,938	0,001
(palo 1500)	12495	3	4,500	-28,445	-157,552	-577,137	0,001
	12496	4	4,500	-28,668	-183,467	-543,161	0,001
	12497	5	4,500	-28,890	-210,852	-495,149	0,001
EmbeddedBeamRow_2_1	12498	1	12,300	-4,890	0,000	0,000	0,000
Element 2-23 (Embedded beam row)	12499	2	12,300	-5,172	-1,193	199,956	0,000
(palo 1500)	12500	3	12,300	-5,454	31,162	338,824	0,000
	12501	4	12,300	-5,737	51,327	437,310	0,000
	12502	5	12,300	-6,019	60,484	524,986	0,001
EmbeddedBeamRow_2_1	12502	1	12,300	-6,019	60,484	524,986	0,001
Element 2-24 (Embedded beam row)	12503	2	12,300	-6,267	56,878	603,051	0,001
(palo 1500)	12504	3	12,300	-6,515	45,156	683,401	0,001
	12505	4	12,300	-6,763	20,028	773,815	0,001
	12506	5	12,300	-7,011	-27,421	889,809	0,001
EmbeddedBeamRow_2_1	12506	1	12,300	-7,011	-27,421	889,809	0,001
Element 2-25 (Embedded beam row)	12507	2	12,300	-7,261	-31,390	871,604	0,001
(palo 1500)	12508	3	12,300	-7,511	-33,357	859,349	0,001
	12509	4	12,300	-7,761	-34,181	848,043	0,001
	12510	5	12,300	-8,011	-34,428	835,826	0,001
EmbeddedBeamRow_2_1	12510	1	12,300	-8,011	-34,428	835,826	0,001
Element 2-26 (Embedded beam row)	12511	2	12,300	-8,261	-34,383	823,780	0,001

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
(palo 1500)	12512	3	12,300	-8,511	-33,936	811,292	0,001
	12513	4	12,300	-8,761	-33,183	798,280	0,001
	12514	5	12,300	-9,011	-32,149	784,710	0,001
EmbeddedBeamRow_2_1	12514	1	12,300	-9,011	-32,149	784,710	0,001
Element 2-27 (Embedded beam row)	12515	2	12,300	-9,261	-30,905	770,571	0,001
(palo 1500)	12516	3	12,300	-9,511	-29,491	755,836	0,001
	12517	4	12,300	-9,761	-27,968	740,504	0,001
	12518	5	12,300	-10,011	-26,395	724,583	0,001
EmbeddedBeamRow_2_1	12518	1	12,300	-10,011	-26,395	724,583	0,001
Element 2-28 (Embedded beam row)	12519	2	12,300	-10,261	-24,838	708,081	0,001
(palo 1500)	12520	3	12,300	-10,511	-23,367	691,006	0,001
	12521	4	12,300	-10,761	-22,062	673,360	0,001
	12522	5	12,300	-11,011	-21,005	655,146	0,001
EmbeddedBeamRow_2_1	12522	1	12,300	-11,011	-21,005	655,146	0,001
Element 2-29 (Embedded beam row)	12523	2	12,300	-11,261	-20,307	636,258	0,001
(palo 1500)	12524	3	12,300	-11,511	-20,061	616,913	0,001
	12525	4	12,300	-11,761	-20,574	596,723	0,001
	12526	5	12,300	-12,011	-22,263	574,605	0,001
EmbeddedBeamRow_2_1	12526	1	12,300	-12,011	-22,263	574,605	0,001
Element 2-30 (Embedded beam row)	12527	2	12,300	-12,279	-20,324	549,507	0,001
(palo 1500)	12528	3	12,300	-12,546	-17,981	525,421	0,001
	12529	4	12,300	-12,814	-15,442	501,380	0,001
	12530	5	12,300	-13,081	-12,838	477,054	0,000
EmbeddedBeamRow_2_1	12530	1	12,300	-13,081	-12,838	477,054	0,000
Element 2-31 (Embedded beam row)	12531	2	12,300	-13,351	-10,221	452,390	0,000
(palo 1500)	12532	3	12,300	-13,621	-7,605	427,567	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
	12533	4	12,300	-13,891	-5,015	402,601	0,000
	12534	5	12,300	-14,162	-2,461	377,515	0,000
EmbeddedBeamRow_2_1	12534	1	12,300	-14,162	-2,461	377,515	0,000
Element 2-32 (Embedded beam row)	12535	2	12,300	-14,434	0,071	352,080	0,000
(palo 1500)	12536	3	12,300	-14,707	2,553	326,570	0,000
	12537	4	12,300	-14,980	4,982	301,009	0,000
	12538	5	12,300	-15,253	7,356	275,418	0,000
EmbeddedBeamRow_2_1	12538	1	12,300	-15,253	7,356	275,418	0,000
Element 2-33 (Embedded beam row)	12539	2	12,300	-15,528	9,700	249,563	0,000
(palo 1500)	12540	3	12,300	-15,804	11,991	223,720	0,000
	12541	4	12,300	-16,079	14,232	197,906	0,000
	12542	5	12,300	-16,355	16,425	172,135	0,000
EmbeddedBeamRow_2_1	12542	1	12,300	-16,355	16,425	172,135	0,000
Element 2-34 (Embedded beam row)	12543	2	12,300	-16,633	18,593	146,167	0,000
(palo 1500)	12544	3	12,300	-16,912	20,715	120,269	0,000
	12545	4	12,300	-17,190	22,793	94,453	0,000
	12546	5	12,300	-17,468	24,824	68,725	0,000
EmbeddedBeamRow_2_1	12546	1	12,300	-17,468	24,824	68,725	0,000
Element 2-35 (Embedded beam row)	12547	2	12,300	-17,749	26,825	42,839	0,000
(palo 1500)	12548	3	12,300	-18,030	28,772	17,055	0,000
	12549	4	12,300	-18,311	30,654	-8,622	0,000
	12550	5	12,300	-18,593	32,462	-34,187	0,000
EmbeddedBeamRow_2_1	12550	1	12,300	-18,593	32,462	-34,187	0,000
Element 2-36 (Embedded beam row)	12551	2	12,300	-18,876	34,199	-59,893	0,000
(palo 1500)	12552	3	12,300	-19,160	35,829	-85,482	0,000
	12553	4	12,300	-19,444	37,331	-110,949	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
	12554	5	12,300	-19,728	38,682	-136,293	0,000
EmbeddedBeamRow_2_1	12554	1	12,300	-19,728	38,682	-136,293	0,000
Element 2-37 (Embedded beam row)	12555	2	12,300	-20,015	39,864	-161,761	0,000
(palo 1500)	12556	3	12,300	-20,301	40,834	-187,093	0,000
	12557	4	12,300	-20,588	41,556	-212,284	0,000
	12558	5	12,300	-20,875	41,999	-237,324	0,000
EmbeddedBeamRow_2_1	12558	1	12,300	-20,875	41,999	-237,324	0,000
Element 2-38 (Embedded beam row)	12559	2	12,300	-21,164	42,125	-262,450	0,000
(palo 1500)	12560	3	12,300	-21,454	41,895	-287,399	0,000
	12561	4	12,300	-21,744	41,271	-312,157	0,000
	12562	5	12,300	-22,033	40,228	-336,708	0,000
EmbeddedBeamRow_2_1	12562	1	12,300	-22,033	40,228	-336,708	0,000
Element 2-39 (Embedded beam row)	12563	2	12,300	-22,326	38,717	-361,276	0,000
(palo 1500)	12564	3	12,300	-22,618	36,734	-385,599	0,000
	12565	4	12,300	-22,910	34,258	-409,660	0,000
	12566	5	12,300	-23,203	31,292	-433,441	0,000
EmbeddedBeamRow_2_1	12566	1	12,300	-23,203	31,292	-433,441	0,000
Element 2-40 (Embedded beam row)	12567	2	12,300	-23,498	27,794	-457,161	0,000
(palo 1500)	12568	3	12,300	-23,794	23,807	-480,561	0,000
	12569	4	12,300	-24,089	19,337	-503,616	0,001
	12570	5	12,300	-24,384	14,406	-526,303	0,001
EmbeddedBeamRow_2_1	12570	1	12,300	-24,384	14,406	-526,303	0,001
Element 2-41 (Embedded beam row)	12571	2	12,300	-24,683	8,952	-548,769	0,001
(palo 1500)	12572	3	12,300	-24,981	3,048	-570,833	0,001
	12573	4	12,300	-25,279	-3,312	-592,392	0,001
	12574	5	12,300	-25,578	-10,109	-613,150	0,001

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
EmbeddedBeamRow_2_1	12574	1	12,300	-25,578	-10,109	-613,150	0,001
Element 2-42 (Embedded beam row)	12575	2	12,300	-25,879	-17,533	-633,572	0,001
(palo 1500)	12576	3	12,300	-26,180	-25,437	-652,889	0,001
	12577	4	12,300	-26,482	-34,512	-670,442	0,001
	12578	5	12,300	-26,783	-42,632	-687,370	0,001
EmbeddedBeamRow_2_1	12578	1	12,300	-26,783	-42,632	-687,370	0,001
Element 2-43 (Embedded beam row)	12579	2	12,300	-27,087	-55,264	-703,298	0,001
(palo 1500)	12580	3	12,300	-27,391	-66,140	-714,738	0,001
	12581	4	12,300	-27,696	-80,305	-722,300	0,001
	12582	5	12,300	-28,000	-96,242	-724,219	0,001
EmbeddedBeamRow_2_1	12582	1	12,300	-28,000	-96,242	-724,219	0,001
Element 2-44 (Embedded beam row)	12583	2	12,300	-28,223	-113,389	-721,498	0,001
(palo 1500)	12584	3	12,300	-28,445	-125,886	-709,992	0,001
	12585	4	12,300	-28,668	-126,113	-682,917	0,001
	12586	5	12,300	-28,890	-108,107	-636,814	0,001

3.3.1.2.1.10 Calculation results, Embedded beam row, carico orizz+sisma [Phase_9] (9/34), Table of relative total displacements

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
EmbeddedBeamRow_1_1	12409	1	4,500	-4,890	0,000	0,000	0,000
Element 1-1 (Embedded beam row)	12410	2	4,500	-5,181	-318,653	360,656	0,000
(palo 1500)	12411	3	4,500	-5,471	-393,389	534,321	0,001
	12412	4	4,500	-5,762	-385,470	661,792	0,001
	12413	5	4,500	-6,053	-337,776	799,043	0,001
EmbeddedBeamRow_1_1	12413	1	4,500	-6,053	-337,776	799,043	0,001
Element 1-2 (Embedded beam row)	12414	2	4,500	-6,303	-313,754	831,349	0,001
(palo 1500)	12415	3	4,500	-6,553	-281,089	860,079	0,001
	12416	4	4,500	-6,803	-242,286	882,874	0,001
	12417	5	4,500	-7,053	-198,579	899,145	0,001
EmbeddedBeamRow_1_1	12417	1	4,500	-7,053	-198,579	899,145	0,001
Element 1-3 (Embedded beam row)	12418	2	4,500	-7,303	-151,711	909,174	0,001
(palo 1500)	12419	3	4,500	-7,553	-102,968	912,905	0,001
	12420	4	4,500	-7,803	-53,581	910,535	0,001
	12421	5	4,500	-8,053	-4,671	902,366	0,001
EmbeddedBeamRow_1_1	12421	1	4,500	-8,053	-4,671	902,366	0,001
Element 1-4 (Embedded beam row)	12422	2	4,500	-8,303	42,841	888,818	0,001
(palo 1500)	12423	3	4,500	-8,553	88,120	870,361	0,001
	12424	4	4,500	-8,803	130,524	847,475	0,001
	12425	5	4,500	-9,053	169,511	820,730	0,001
EmbeddedBeamRow_1_1	12425	1	4,500	-9,053	169,511	820,730	0,001
Element 1-5 (Embedded beam row)	12426	2	4,500	-9,303	204,679	790,740	0,001
(palo 1500)	12427	3	4,500	-9,553	235,733	758,045	0,001

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
	12428	4	4,500	-9,803	262,369	723,205	0,001
	12429	5	4,500	-10,053	284,522	686,802	0,001
EmbeddedBeamRow_1_1	12429	1	4,500	-10,053	284,522	686,802	0,001
Element 1-6 (Embedded beam row)	12430	2	4,500	-10,303	302,162	649,260	0,001
(palo 1500)	12431	3	4,500	-10,553	315,028	611,262	0,001
	12432	4	4,500	-10,803	323,136	572,891	0,001
	12433	5	4,500	-11,053	326,253	533,672	0,001
EmbeddedBeamRow_1_1	12433	1	4,500	-11,053	326,253	533,672	0,001
Element 1-7 (Embedded beam row)	12434	2	4,500	-11,317	322,865	492,821	0,001
(palo 1500)	12435	3	4,500	-11,582	317,089	453,881	0,001
	12436	4	4,500	-11,847	308,410	416,250	0,001
	12437	5	4,500	-12,111	297,419	379,949	0,000
EmbeddedBeamRow_1_1	12437	1	4,500	-12,111	297,419	379,949	0,000
Element 1-8 (Embedded beam row)	12438	2	4,500	-12,378	284,273	344,783	0,000
(palo 1500)	12439	3	4,500	-12,645	269,513	311,008	0,000
	12440	4	4,500	-12,912	253,488	278,648	0,000
	12441	5	4,500	-13,179	236,531	247,677	0,000
EmbeddedBeamRow_1_1	12441	1	4,500	-13,179	236,531	247,677	0,000
Element 1-9 (Embedded beam row)	12442	2	4,500	-13,449	218,766	217,787	0,000
(palo 1500)	12443	3	4,500	-13,718	200,617	189,223	0,000
	12444	4	4,500	-13,988	182,307	161,933	0,000
	12445	5	4,500	-14,258	164,039	135,858	0,000
EmbeddedBeamRow_1_1	12445	1	4,500	-14,258	164,039	135,858	0,000
Element 1-10 (Embedded beam row)	12446	2	4,500	-14,530	145,812	110,710	0,000
(palo 1500)	12447	3	4,500	-14,802	127,945	86,672	0,000
	12448	4	4,500	-15,074	110,561	63,688	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
	12449	5	4,500	-15,346	93,756	41,701	0,000
EmbeddedBeamRow_1_1	12449	1	4,500	-15,346	93,756	41,701	0,000
Element 1-11 (Embedded beam row)	12450	2	4,500	-15,620	77,474	20,466	0,000
(palo 1500)	12451	3	4,500	-15,895	61,937	0,144	0,000
	12452	4	4,500	-16,169	47,215	-19,306	0,000
	12453	5	4,500	-16,444	33,351	-37,923	0,000
EmbeddedBeamRow_1_1	12453	1	4,500	-16,444	33,351	-37,923	0,000
Element 1-12 (Embedded beam row)	12454	2	4,500	-16,721	20,288	-55,901	0,000
(palo 1500)	12455	3	4,500	-16,998	8,194	-73,099	0,000
	12456	4	4,500	-17,275	-2,870	-89,541	0,000
	12457	5	4,500	-17,552	-12,866	-105,268	0,000
EmbeddedBeamRow_1_1	12457	1	4,500	-17,552	-12,866	-105,268	0,000
Element 1-13 (Embedded beam row)	12458	2	4,500	-17,832	-21,807	-120,454	0,000
(palo 1500)	12459	3	4,500	-18,111	-29,552	-134,992	0,000
	12460	4	4,500	-18,391	-36,035	-148,952	0,000
	12461	5	4,500	-18,671	-41,226	-162,408	0,000
EmbeddedBeamRow_1_1	12461	1	4,500	-18,671	-41,226	-162,408	0,000
Element 1-14 (Embedded beam row)	12462	2	4,500	-18,953	-45,098	-175,574	0,000
(palo 1500)	12463	3	4,500	-19,235	-47,596	-188,444	0,000
	12464	4	4,500	-19,517	-48,713	-201,143	0,000
	12465	5	4,500	-19,799	-48,503	-213,819	0,000
EmbeddedBeamRow_1_1	12465	1	4,500	-19,799	-48,503	-213,819	0,000
Element 1-15 (Embedded beam row)	12466	2	4,500	-20,084	-47,010	-226,736	0,000
(palo 1500)	12467	3	4,500	-20,369	-44,351	-239,933	0,000
	12468	4	4,500	-20,654	-40,668	-253,539	0,000
	12469	5	4,500	-20,939	-36,142	-267,659	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
EmbeddedBeamRow_1_1	12469	1	4,500	-20,939	-36,142	-267,659	0,000
Element 1-16 (Embedded beam row)	12470	2	4,500	-21,226	-30,897	-282,508	0,000
(palo 1500)	12471	3	4,500	-21,514	-25,160	-297,994	0,000
	12472	4	4,500	-21,801	-19,088	-314,113	0,000
	12473	5	4,500	-22,089	-12,795	-330,818	0,000
EmbeddedBeamRow_1_1	12473	1	4,500	-22,089	-12,795	-330,818	0,000
Element 1-17 (Embedded beam row)	12474	2	4,500	-22,379	-6,372	-348,180	0,000
(palo 1500)	12475	3	4,500	-22,669	0,370	-365,918	0,000
	12476	4	4,500	-22,959	7,130	-383,802	0,000
	12477	5	4,500	-23,249	13,327	-401,597	0,000
EmbeddedBeamRow_1_1	12477	1	4,500	-23,249	13,327	-401,597	0,000
Element 1-18 (Embedded beam row)	12478	2	4,500	-23,542	18,438	-419,261	0,000
(palo 1500)	12479	3	4,500	-23,835	22,324	-436,531	0,000
	12480	4	4,500	-24,128	24,890	-453,342	0,000
	12481	5	4,500	-24,421	26,110	-469,654	0,000
EmbeddedBeamRow_1_1	12481	1	4,500	-24,421	26,110	-469,654	0,000
Element 1-19 (Embedded beam row)	12482	2	4,500	-24,716	25,775	-485,508	0,000
(palo 1500)	12483	3	4,500	-25,012	23,795	-500,678	0,001
	12484	4	4,500	-25,307	20,043	-515,081	0,001
	12485	5	4,500	-25,603	14,411	-528,643	0,001
EmbeddedBeamRow_1_1	12485	1	4,500	-25,603	14,411	-528,643	0,001
Element 1-20 (Embedded beam row)	12486	2	4,500	-25,901	6,706	-541,423	0,001
(palo 1500)	12487	3	4,500	-26,199	-3,175	-553,135	0,001
	12488	4	4,500	-26,498	-15,430	-563,583	0,001
	12489	5	4,500	-26,796	-30,027	-572,604	0,001
EmbeddedBeamRow_1_1	12489	1	4,500	-26,796	-30,027	-572,604	0,001

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
Element 1-21 (Embedded beam row)	12490	2	4,500	-27,097	-47,825	-581,222	0,001
(palo 1500)	12491	3	4,500	-27,398	-68,066	-586,269	0,001
	12492	4	4,500	-27,699	-91,560	-588,762	0,001
	12493	5	4,500	-28,000	-118,284	-588,981	0,001
EmbeddedBeamRow_1_1	12493	1	4,500	-28,000	-118,284	-588,981	0,001
Element 1-22 (Embedded beam row)	12494	2	4,500	-28,223	-140,300	-585,296	0,001
(palo 1500)	12495	3	4,500	-28,445	-163,928	-569,012	0,001
	12496	4	4,500	-28,668	-190,403	-535,763	0,001
	12497	5	4,500	-28,890	-218,450	-488,643	0,001
EmbeddedBeamRow_2_1	12498	1	12,300	-4,890	0,000	0,000	0,000
Element 2-23 (Embedded beam row)	12499	2	12,300	-5,172	12,886	192,541	0,000
(palo 1500)	12500	3	12,300	-5,454	50,387	324,226	0,000
	12501	4	12,300	-5,737	74,189	418,242	0,000
	12502	5	12,300	-6,019	86,427	503,511	0,001
EmbeddedBeamRow_2_1	12502	1	12,300	-6,019	86,427	503,511	0,001
Element 2-24 (Embedded beam row)	12503	2	12,300	-6,267	84,794	579,555	0,001
(palo 1500)	12504	3	12,300	-6,515	75,075	657,739	0,001
	12505	4	12,300	-6,763	52,647	748,209	0,001
	12506	5	12,300	-7,011	11,456	878,381	0,001
EmbeddedBeamRow_2_1	12506	1	12,300	-7,011	11,456	878,381	0,001
Element 2-25 (Embedded beam row)	12507	2	12,300	-7,261	5,816	860,917	0,001
(palo 1500)	12508	3	12,300	-7,511	2,615	849,770	0,001
	12509	4	12,300	-7,761	0,736	839,851	0,001
	12510	5	12,300	-8,011	-0,415	829,137	0,001
EmbeddedBeamRow_2_1	12510	1	12,300	-8,011	-0,415	829,137	0,001
Element 2-26 (Embedded beam row)	12511	2	12,300	-8,261	-1,305	818,518	0,001

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
(palo 1500)	12512	3	12,300	-8,511	-1,726	807,447	0,001
	12513	4	12,300	-8,761	-1,798	795,811	0,001
	12514	5	12,300	-9,011	-1,537	783,559	0,001
EmbeddedBeamRow_2_1	12514	1	12,300	-9,011	-1,537	783,559	0,001
Element 2-27 (Embedded beam row)	12515	2	12,300	-9,261	-1,014	770,672	0,001
(palo 1500)	12516	3	12,300	-9,511	-0,261	757,117	0,001
	12517	4	12,300	-9,761	0,665	742,886	0,001
	12518	5	12,300	-10,011	1,707	727,981	0,001
EmbeddedBeamRow_2_1	12518	1	12,300	-10,011	1,707	727,981	0,001
Element 2-28 (Embedded beam row)	12519	2	12,300	-10,261	2,804	712,407	0,001
(palo 1500)	12520	3	12,300	-10,511	3,887	696,168	0,001
	12521	4	12,300	-10,761	4,879	679,263	0,001
	12522	5	12,300	-11,011	5,696	661,695	0,001
EmbeddedBeamRow_2_1	12522	1	12,300	-11,011	5,696	661,695	0,001
Element 2-29 (Embedded beam row)	12523	2	12,300	-11,261	6,236	643,356	0,001
(palo 1500)	12524	3	12,300	-11,511	6,396	624,463	0,001
	12525	4	12,300	-11,761	5,862	604,624	0,001
	12526	5	12,300	-12,011	4,201	582,746	0,001
EmbeddedBeamRow_2_1	12526	1	12,300	-12,011	4,201	582,746	0,001
Element 2-30 (Embedded beam row)	12527	2	12,300	-12,279	4,291	558,084	0,001
(palo 1500)	12528	3	12,300	-12,546	4,926	534,392	0,001
	12529	4	12,300	-12,814	5,863	510,693	0,001
	12530	5	12,300	-13,081	6,955	486,653	0,000
EmbeddedBeamRow_2_1	12530	1	12,300	-13,081	6,955	486,653	0,000
Element 2-31 (Embedded beam row)	12531	2	12,300	-13,351	8,121	462,225	0,000
(palo 1500)	12532	3	12,300	-13,621	9,364	437,586	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
	12533	4	12,300	-13,891	10,656	412,757	0,000
	12534	5	12,300	-14,162	11,980	387,762	0,000
EmbeddedBeamRow_2_1	12534	1	12,300	-14,162	11,980	387,762	0,000
Element 2-32 (Embedded beam row)	12535	2	12,300	-14,434	13,340	362,378	0,000
(palo 1500)	12536	3	12,300	-14,707	14,716	336,879	0,000
	12537	4	12,300	-14,980	16,103	311,293	0,000
	12538	5	12,300	-15,253	17,497	285,644	0,000
EmbeddedBeamRow_2_1	12538	1	12,300	-15,253	17,497	285,644	0,000
Element 2-33 (Embedded beam row)	12539	2	12,300	-15,528	18,911	259,701	0,000
(palo 1500)	12540	3	12,300	-15,804	20,331	233,742	0,000
	12541	4	12,300	-16,079	21,756	207,787	0,000
	12542	5	12,300	-16,355	23,185	181,855	0,000
EmbeddedBeamRow_2_1	12542	1	12,300	-16,355	23,185	181,855	0,000
Element 2-34 (Embedded beam row)	12543	2	12,300	-16,633	24,634	155,702	0,000
(palo 1500)	12544	3	12,300	-16,912	26,087	129,603	0,000
	12545	4	12,300	-17,190	27,542	103,570	0,000
	12546	5	12,300	-17,468	28,994	77,612	0,000
EmbeddedBeamRow_2_1	12546	1	12,300	-17,468	28,994	77,612	0,000
Element 2-35 (Embedded beam row)	12547	2	12,300	-17,749	30,452	51,481	0,000
(palo 1500)	12548	3	12,300	-18,030	31,895	25,442	0,000
	12549	4	12,300	-18,311	33,310	-0,497	0,000
	12550	5	12,300	-18,593	34,684	-26,333	0,000
EmbeddedBeamRow_2_1	12550	1	12,300	-18,593	34,684	-26,333	0,000
Element 2-36 (Embedded beam row)	12551	2	12,300	-18,876	36,014	-52,317	0,000
(palo 1500)	12552	3	12,300	-19,160	37,266	-78,187	0,000
	12553	4	12,300	-19,444	38,414	-103,940	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
	12554	5	12,300	-19,728	39,435	-129,571	0,000
EmbeddedBeamRow_2_1	12554	1	12,300	-19,728	39,435	-129,571	0,000
Element 2-37 (Embedded beam row)	12555	2	12,300	-20,015	40,303	-155,329	0,000
(palo 1500)	12556	3	12,300	-20,301	40,977	-180,950	0,000
	12557	4	12,300	-20,588	41,419	-206,428	0,000
	12558	5	12,300	-20,875	41,596	-231,751	0,000
EmbeddedBeamRow_2_1	12558	1	12,300	-20,875	41,596	-231,751	0,000
Element 2-38 (Embedded beam row)	12559	2	12,300	-21,164	41,466	-257,160	0,000
(palo 1500)	12560	3	12,300	-21,454	40,991	-282,387	0,000
	12561	4	12,300	-21,744	40,136	-307,417	0,000
	12562	5	12,300	-22,033	38,875	-332,234	0,000
EmbeddedBeamRow_2_1	12562	1	12,300	-22,033	38,875	-332,234	0,000
Element 2-39 (Embedded beam row)	12563	2	12,300	-22,326	37,159	-357,065	0,000
(palo 1500)	12564	3	12,300	-22,618	34,987	-381,645	0,000
	12565	4	12,300	-22,910	32,343	-405,958	0,000
	12566	5	12,300	-23,203	29,231	-429,987	0,000
EmbeddedBeamRow_2_1	12566	1	12,300	-23,203	29,231	-429,987	0,000
Element 2-40 (Embedded beam row)	12567	2	12,300	-23,498	25,611	-453,950	0,000
(palo 1500)	12568	3	12,300	-23,794	21,528	-477,587	0,000
	12569	4	12,300	-24,089	16,988	-500,874	0,001
	12570	5	12,300	-24,384	12,011	-523,787	0,001
EmbeddedBeamRow_2_1	12570	1	12,300	-24,384	12,011	-523,787	0,001
Element 2-41 (Embedded beam row)	12571	2	12,300	-24,683	6,527	-546,469	0,001
(palo 1500)	12572	3	12,300	-24,981	0,601	-568,743	0,001
	12573	4	12,300	-25,279	-5,783	-590,501	0,001
	12574	5	12,300	-25,578	-12,623	-611,452	0,001

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
EmbeddedBeamRow_2_1	12574	1	12,300	-25,578	-12,623	-611,452	0,001
Element 2-42 (Embedded beam row)	12575	2	12,300	-25,879	-20,129	-632,074	0,001
(palo 1500)	12576	3	12,300	-26,180	-28,139	-651,594	0,001
	12577	4	12,300	-26,482	-37,361	-669,359	0,001
	12578	5	12,300	-26,783	-45,639	-686,522	0,001
EmbeddedBeamRow_2_1	12578	1	12,300	-26,783	-45,639	-686,522	0,001
Element 2-43 (Embedded beam row)	12579	2	12,300	-27,087	-58,538	-702,629	0,001
(palo 1500)	12580	3	12,300	-27,391	-69,751	-714,304	0,001
	12581	4	12,300	-27,696	-84,308	-722,109	0,001
	12582	5	12,300	-28,000	-100,656	-724,257	0,001
EmbeddedBeamRow_2_1	12582	1	12,300	-28,000	-100,656	-724,257	0,001
Element 2-44 (Embedded beam row)	12583	2	12,300	-28,223	-118,127	-721,703	0,001
(palo 1500)	12584	3	12,300	-28,445	-130,991	-710,362	0,001
	12585	4	12,300	-28,668	-131,619	-683,428	0,001
	12586	5	12,300	-28,890	-114,105	-637,429	0,001

3.3.2.1.8 Calculation results, Embedded beam row, plinto+pali [Phase_7] (7/28), Table of embedded pile row force envelopes

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T--- [10^ kN/m/m]	T--- --- [kN/m/m]	T--- ---	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
EmbeddedBeamRow_1_1	12409	1	4,500	-4,890	-129,438	-1,269	-4,805	0,000	0,000	46,667	0,000	-129,438	0,000	-1,269	0,000	-4,805	0,000
Element 1-1 (Embedded beam row)	12410	2	4,500	-5,181	-130,439	-1,258	-5,172	0,665	64,128	46,667	0,014	-130,439	0,000	-1,258	0,000	-5,172	0,000
(palo 1500)	12411	3	4,500	-5,471	-131,332	-1,230	-5,534	1,075	135,119	46,667	0,023	-131,332	0,000	-1,230	0,000	-5,534	0,000
	12412	4	4,500	-5,762	-132,122	-1,189	-5,886	1,369	155,384	46,667	0,029	-132,122	0,000	-1,189	0,000	-5,886	0,000
	12413	5	4,500	-6,053	-132,816	-1,139	-6,225	1,627	123,108	46,667	0,035	-132,816	0,000	-1,139	0,000	-6,225	0,000
EmbeddedBeamRow_1_1	12413	1	4,500	-6,053	-132,822	-1,148	-6,225	3,173	240,061	46,667	0,068	-132,822	0,000	-1,148	0,000	-6,225	0,000
Element 1-2 (Embedded beam row)	12414	2	4,500	-6,303	-133,011	-1,069	-6,502	3,186	352,047	46,667	0,068	-133,011	0,000	-1,069	0,000	-6,502	0,000
(palo 1500)	12415	3	4,500	-6,553	-133,193	-0,972	-6,758	3,212	431,546	46,667	0,069	-133,193	0,000	-0,972	0,000	-6,758	0,000
	12416	4	4,500	-6,803	-133,368	-0,857	-6,987	3,242	489,552	46,667	0,069	-133,368	0,000	-0,857	0,000	-6,987	0,000
	12417	5	4,500	-7,053	-133,535	-0,726	-7,185	3,273	528,777	46,667	0,070	-133,535	0,000	-0,726	0,000	-7,185	0,000
EmbeddedBeamRow_1_1	12417	1	4,500	-7,053	-133,535	-0,730	-7,185	3,273	528,777	46,667	0,070	-133,535	0,000	-0,730	0,000	-7,185	0,000
Element 1-3 (Embedded beam row)	12418	2	4,500	-7,303	-133,694	-0,592	-7,350	3,306	554,407	46,667	0,071	-133,694	0,000	-0,592	0,000	-7,350	0,000
(palo 1500)	12419	3	4,500	-7,553	-133,846	-0,452	-7,481	3,339	567,907	46,667	0,072	-133,846	0,000	-0,452	0,000	-7,481	0,000
	12420	4	4,500	-7,803	-133,988	-0,310	-7,576	3,374	571,498	46,667	0,072	-133,988	0,000	-0,310	0,000	-7,576	0,000
	12421	5	4,500	-8,053	-134,122	-0,166	-7,636	3,409	566,767	46,667	0,073	-134,122	0,000	-0,166	0,000	-7,636	0,000
EmbeddedBeamRow_1_1	12421	1	4,500	-8,053	-134,122	-0,168	-7,636	3,409	566,767	46,667	0,073	-134,122	0,000	-0,168	0,000	-7,636	0,000
Element 1-4 (Embedded beam row)	12422	2	4,500	-8,303	-134,247	-0,027	-7,660	3,445	554,781	46,667	0,074	-134,247	0,000	-0,027	0,001	-7,660	0,000
(palo 1500)	12423	3	4,500	-8,553	-134,363	0,110	-7,650	3,480	536,425	46,667	0,075	-134,363	0,000	0,000	0,115	-7,650	0,000
	12424	4	4,500	-8,803	-134,470	0,241	-7,606	3,517	512,338	46,667	0,075	-134,470	0,000	0,000	0,241	-7,606	0,000
	12425	5	4,500	-9,053	-134,568	0,366	-7,530	3,553	483,115	46,667	0,076	-134,568	0,000	0,000	0,366	-7,530	0,000
EmbeddedBeamRow_1_1	12425	1	4,500	-9,053	-134,568	0,365	-7,530	3,553	483,115	46,667	0,076	-134,568	0,000	0,000	0,365	-7,530	0,000
Element 1-5 (Embedded beam row)	12426	2	4,500	-9,303	-134,657	0,482	-7,424	3,588	449,076	46,667	0,077	-134,657	0,000	0,000	0,482	-7,424	0,000
(palo 1500)	12427	3	4,500	-9,553	-134,738	0,590	-7,289	3,624	410,514	46,667	0,078	-134,738	0,000	0,000	0,590	-7,289	0,000
	12428	4	4,500	-9,803	-134,809	0,687	-7,130	3,658	367,577	46,667	0,078	-134,809	0,000	0,000	0,687	-7,130	0,000
	12429	5	4,500	-10,053	-134,872	0,773	-6,947	3,691	320,373	46,667	0,079	-134,872	0,000	0,000	0,773	-6,947	0,000
EmbeddedBeamRow_1_1	12429	1	4,500	-10,053	-134,873	0,773	-6,947	3,691	320,373	46,667	0,079	-134,873	0,000	0,000	0,773	-6,947	0,000
Element 1-6 (Embedded beam row)	12430	2	4,500	-10,303	-134,927	0,847	-6,744	3,722	268,773	46,667	0,080	-134,927	0,000	0,000	0,847	-6,744	0,000
(palo 1500)	12431	3	4,500	-10,553	-134,975	0,907	-6,525	3,751	212,966	46,667	0,080	-134,975	0,000	0,000	0,907	-6,525	0,000
	12432	4	4,500	-10,803	-135,016	0,953	-6,292	3,774	153,515	46,667	0,081	-135,016	0,000	0,000	0,953	-6,292	0,000
	12433	5	4,500	-11,053	-135,051	0,984	-6,049	3,786	91,528	46,667	0,081	-135,051	0,000	0,000	0,984	-6,049	0,000
EmbeddedBeamRow_1_1	12433	1	4,500	-11,053	-135,051	0,983	-6,049	5,678	137,292	46,667	0,122	-135,051	0,000	0,000	0,983	-6,049	0,000
Element 1-7 (Embedded beam row)	12434	2	4,500	-11,317	-134,586	1,020	-5,784	5,706	134,568	46,667	0,122	-134,586	0,000	0,000	1,020	-5,784	0,000

Structural element	Node [10 ˚]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [10 ˚ kN/m/m]	T---,--- [kN/m/m]	T-,--,--	N --- [kN/m]	N --- [kN/m]	Q --- [kN/m]	Q --- [kN/m]	M --- [kN m/m]	M --- [kN m/m]
(palo 1500)	12435	3	4,500	-11,582	-134,110	1,054	-5,510	5,749	123,025	46,667	0,123	-134,110	0,000	0,000	1,054	-5,510	0,000
	12436	4	4,500	-11,847	-133,621	1,085	-5,227	5,798	111,232	46,667	0,124	-133,621	0,000	0,000	1,085	-5,227	0,000
	12437	5	4,500	-12,111	-133,120	1,113	-4,936	5,851	97,378	46,667	0,125	-133,120	0,000	0,000	1,113	-4,936	0,000
EmbeddedBeamRow_1_1	12437	1	4,500	-12,111	-133,119	1,113	-4,936	5,851	97,378	46,667	0,125	-133,119	0,000	0,000	1,113	-4,936	0,000
Element 1-8 (Embedded beam row)	12438	2	4,500	-12,378	-132,598	1,137	-4,635	5,907	83,070	46,667	0,127	-132,598	0,000	0,000	1,137	-4,635	0,000
(palo 1500)	12439	3	4,500	-12,645	-132,061	1,157	-4,329	5,966	68,629	46,667	0,128	-132,061	0,000	0,000	1,157	-4,329	0,000
	12440	4	4,500	-12,912	-131,509	1,174	-4,018	6,026	54,356	46,667	0,129	-131,509	0,000	0,000	1,174	-4,018	0,000
	12441	5	4,500	-13,179	-130,940	1,186	-3,703	6,088	40,305	46,667	0,130	-130,940	0,000	0,000	1,186	-3,703	0,000
EmbeddedBeamRow_1_1	12441	1	4,500	-13,179	-130,940	1,186	-3,703	6,088	40,305	46,667	0,130	-130,940	0,000	0,000	1,186	-3,703	0,000
Element 1-9 (Embedded beam row)	12442	2	4,500	-13,449	-130,349	1,195	-3,382	6,152	26,478	46,667	0,132	-130,349	0,000	0,000	1,195	-3,382	0,000
(palo 1500)	12443	3	4,500	-13,718	-129,740	1,201	-3,059	6,218	13,026	46,667	0,133	-129,740	0,000	0,000	1,201	-3,059	0,000
	12444	4	4,500	-13,988	-129,114	1,202	-2,735	6,285	-0,065	46,667	0,135	-129,114	0,000	0,000	1,202	-2,735	0,000
	12445	5	4,500	-14,258	-128,469	1,200	-2,411	6,353	-12,807	46,667	0,136	-128,469	0,000	0,000	1,200	-2,411	0,000
EmbeddedBeamRow_1_1	12445	1	4,500	-14,258	-128,469	1,201	-2,411	6,353	-12,807	46,667	0,136	-128,469	0,000	0,000	1,201	-2,411	0,000
Element 1-10 (Embedded beam row)	12446	2	4,500	-14,530	-127,800	1,195	-2,085	6,423	-25,371	46,667	0,138	-127,800	0,000	0,000	1,195	-2,085	0,000
(palo 1500)	12447	3	4,500	-14,802	-127,111	1,187	-1,761	6,495	-37,690	46,667	0,139	-127,111	0,000	0,000	1,187	-1,761	0,000
	12448	4	4,500	-15,074	-126,402	1,175	-1,440	6,567	-49,824	46,667	0,141	-126,402	0,000	0,000	1,175	-1,440	0,000
	12449	5	4,500	-15,346	-125,675	1,160	-1,122	6,640	-61,837	46,667	0,142	-125,675	0,000	0,000	1,160	-1,122	0,000
EmbeddedBeamRow_1_1	12449	1	4,500	-15,346	-125,674	1,160	-1,122	6,640	-61,837	46,667	0,142	-125,674	0,000	0,000	1,160	-1,122	0,000
Element 1-11 (Embedded beam row)	12450	2	4,500	-15,620	-124,920	1,141	-0,806	6,714	-73,889	46,667	0,144	-124,920	0,000	0,000	1,141	-0,806	0,000
(palo 1500)	12451	3	4,500	-15,895	-124,144	1,119	-0,496	6,789	-85,916	46,667	0,145	-124,144	0,000	0,000	1,119	-0,496	0,000
	12452	4	4,500	-16,169	-123,348	1,094	-0,192	6,865	-97,939	46,667	0,147	-123,348	0,000	0,000	1,094	-0,197	0,000
	12453	5	4,500	-16,444	-122,531	1,065	0,104	6,941	-109,963	46,667	0,149	-122,531	0,000	0,000	1,065	0,000	0,104
EmbeddedBeamRow_1_1	12453	1	4,500	-16,444	-122,531	1,065	0,104	6,941	-109,963	46,667	0,149	-122,531	0,000	0,000	1,065	0,000	0,104
Element 1-12 (Embedded beam row)	12454	2	4,500	-16,721	-121,686	1,033	0,395	7,018	-122,066	46,667	0,150	-121,686	0,000	0,000	1,033	0,000	0,395
(palo 1500)	12455	3	4,500	-16,998	-120,818	0,998	0,677	7,095	-134,077	46,667	0,152	-120,818	0,000	0,000	0,998	0,000	0,677
	12456	4	4,500	-17,275	-119,930	0,959	0,948	7,172	-145,887	46,667	0,154	-119,930	0,000	0,000	0,959	0,000	0,948
	12457	5	4,500	-17,552	-119,021	0,917	1,208	7,249	-157,360	46,667	0,155	-119,021	0,000	0,000	0,917	0,000	1,208
EmbeddedBeamRow_1_1	12457	1	4,500	-17,552	-119,020	0,917	1,208	7,249	-157,360	46,667	0,155	-119,020	0,000	0,000	0,917	0,000	1,208
Element 1-13 (Embedded beam row)	12458	2	4,500	-17,832	-118,081	0,871	1,458	7,326	-168,411	46,667	0,157	-118,081	0,000	0,000	0,871	0,000	1,458
(palo 1500)	12459	3	4,500	-18,111	-117,119	0,823	1,695	7,403	-178,711	46,667	0,159	-117,119	0,000	0,000	0,823	0,000	1,695
	12460	4	4,500	-18,391	-116,136	0,771	1,918	7,480	-188,007	46,667	0,160	-116,136	0,000	0,000	0,771	0,000	1,918
	12461	5	4,500	-18,671	-115,133	0,718	2,126	7,556	-196,075	46,667	0,162	-115,133	0,000	0,000	0,718	0,000	2,126
EmbeddedBeamRow_1_1	12461	1	4,500	-18,671	-115,132	0,718	2,126	7,556	-196,075	46,667	0,162	-115,132	0,000	0,000	0,718	0,000	2,126
Element 1-14 (Embedded beam row)	12462	2	4,500	-18,953	-114,098	0,661	2,321	7,633	-202,699	46,667	0,164	-114,098	0,000	0,000	0,661	0,000	2,321
(palo 1500)	12463	3	4,500	-19,235	-113,041	0,603	2,499	7,709	-207,626	46,667	0,165	-113,041	0,000	0,000	0,603	0,000	2,499

Structural element	Node [10 ˚]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [10 ˚ kN/m/m]	T---,--- [kN/m/m]	T-,--,--	N -,-- [kN/m]	N -,-- [kN/m]	Q -,-- [kN/m]	Q -,-- [kN/m]	M -,-- [kN m/m]	M -,-- [kN m/m]
	12464	4	4,500	-19,517	-111,962	0,544	2,661	7,786	-210,713	46,667	0,167	-111,962	0,000	0,000	0,544	0,000	2,661
	12465	5	4,500	-19,799	-110,863	0,484	2,806	7,863	-211,975	46,667	0,168	-110,863	0,000	0,000	0,484	0,000	2,806
EmbeddedBeamRow_1_1	12465	1	4,500	-19,799	-110,862	0,485	2,806	7,863	-211,975	46,667	0,168	-110,862	0,000	0,000	0,485	0,000	2,806
Element 1-15 (Embedded beam row)	12466	2	4,500	-20,084	-109,730	0,424	2,936	7,942	-211,479	46,667	0,170	-109,730	0,000	0,000	0,424	0,000	2,936
(palo 1500)	12467	3	4,500	-20,369	-108,575	0,364	3,048	8,022	-209,508	46,667	0,172	-108,575	0,000	0,000	0,364	0,000	3,048
	12468	4	4,500	-20,654	-107,397	0,305	3,143	8,103	-206,476	46,667	0,174	-107,397	0,000	0,000	0,305	0,000	3,143
	12469	5	4,500	-20,939	-106,196	0,247	3,222	8,186	-202,964	46,667	0,175	-106,196	0,000	0,000	0,247	0,000	3,222
EmbeddedBeamRow_1_1	12469	1	4,500	-20,939	-106,195	0,247	3,222	8,186	-202,964	46,667	0,175	-106,195	0,000	0,000	0,247	0,000	3,222
Element 1-16 (Embedded beam row)	12470	2	4,500	-21,226	-104,959	0,189	3,285	8,272	-199,660	46,667	0,177	-104,959	0,000	-0,004	0,189	0,000	3,285
(palo 1500)	12471	3	4,500	-21,514	-103,697	0,132	3,331	8,360	-197,371	46,667	0,179	-103,697	0,000	-0,026	0,132	0,000	3,331
	12472	4	4,500	-21,801	-102,410	0,075	3,360	8,449	-196,880	46,667	0,181	-102,410	0,000	-0,046	0,075	0,000	3,360
	12473	5	4,500	-22,089	-101,098	0,019	3,374	8,540	-198,988	46,667	0,183	-101,098	0,000	-0,064	0,019	0,000	3,374
EmbeddedBeamRow_1_1	12473	1	4,500	-22,089	-101,097	0,018	3,374	8,540	-198,988	46,667	0,183	-101,097	0,000	-0,064	0,018	0,000	3,374
Element 1-17 (Embedded beam row)	12474	2	4,500	-22,379	-99,745	-0,040	3,371	8,634	-204,505	46,667	0,185	-99,745	0,000	-0,080	0,000	0,000	3,371
(palo 1500)	12475	3	4,500	-22,669	-98,366	-0,101	3,350	8,728	-214,249	46,667	0,187	-98,366	0,000	-0,126	0,000	0,000	3,350
	12476	4	4,500	-22,959	-96,958	-0,165	3,312	8,824	-227,516	46,667	0,189	-96,958	0,000	-0,176	0,000	0,000	3,312
	12477	5	4,500	-23,249	-95,524	-0,233	3,254	8,922	-240,588	46,667	0,191	-95,524	0,000	-0,233	0,000	0,000	3,254
EmbeddedBeamRow_1_1	12477	1	4,500	-23,249	-95,523	-0,232	3,254	8,922	-240,588	46,667	0,191	-95,523	0,000	-0,232	0,000	0,000	3,254
Element 1-18 (Embedded beam row)	12478	2	4,500	-23,542	-94,046	-0,305	3,176	9,026	-249,122	46,667	0,193	-94,046	0,000	-0,305	0,000	0,000	3,176
(palo 1500)	12479	3	4,500	-23,835	-92,537	-0,378	3,076	9,132	-252,649	46,667	0,196	-92,537	0,000	-0,378	0,000	0,000	3,076
	12480	4	4,500	-24,128	-90,997	-0,452	2,954	9,240	-250,773	46,667	0,198	-90,997	0,000	-0,452	0,000	0,000	2,954
	12481	5	4,500	-24,421	-89,427	-0,525	2,811	9,349	-244,278	46,667	0,200	-89,427	0,000	-0,525	0,000	0,000	2,811
EmbeddedBeamRow_1_1	12481	1	4,500	-24,421	-89,425	-0,524	2,811	9,349	-244,278	46,667	0,200	-89,425	0,000	-0,524	0,000	0,000	2,811
Element 1-19 (Embedded beam row)	12482	2	4,500	-24,716	-87,808	-0,595	2,646	9,460	-231,424	46,667	0,203	-87,808	0,000	-0,595	0,000	0,000	2,646
(palo 1500)	12483	3	4,500	-25,012	-86,155	-0,661	2,460	9,573	-210,865	46,667	0,205	-86,155	0,000	-0,661	0,000	0,000	2,460
	12484	4	4,500	-25,307	-84,469	-0,718	2,256	9,687	-181,841	46,667	0,208	-84,469	0,000	-0,718	0,000	0,000	2,256
	12485	5	4,500	-25,603	-82,751	-0,768	2,036	9,802	-143,741	46,667	0,210	-82,751	0,000	-0,768	0,000	0,000	2,036
EmbeddedBeamRow_1_1	12485	1	4,500	-25,603	-82,750	-0,766	2,036	9,802	-143,741	46,667	0,210	-82,750	0,000	-0,766	0,000	0,000	2,036
Element 1-20 (Embedded beam row)	12486	2	4,500	-25,901	-80,981	-0,804	1,802	9,916	-96,067	46,667	0,212	-80,981	0,000	-0,804	0,000	0,000	1,802
(palo 1500)	12487	3	4,500	-26,199	-79,178	-0,824	1,559	10,027	-39,688	46,667	0,215	-79,178	0,000	-0,824	0,000	0,000	1,559
	12488	4	4,500	-26,498	-77,342	-0,825	1,312	10,134	27,315	46,667	0,217	-77,342	0,000	-0,825	0,000	0,000	1,312
	12489	5	4,500	-26,796	-75,476	-0,808	1,068	10,230	113,373	46,667	0,219	-75,476	0,000	-0,808	0,000	0,000	1,068
EmbeddedBeamRow_1_1	12489	1	4,500	-26,796	-75,484	-0,803	1,068	10,230	113,373	46,667	0,219	-75,484	0,000	-0,803	0,000	0,000	1,068
Element 1-21 (Embedded beam row)	12490	2	4,500	-27,097	-73,559	-0,764	0,832	10,333	170,010	46,667	0,221	-73,559	0,000	-0,764	0,000	0,000	0,832
(palo 1500)	12491	3	4,500	-27,398	-71,626	-0,700	0,611	10,367	263,745	46,667	0,222	-71,626	0,000	-0,700	0,000	0,000	0,611
	12492	4	4,500	-27,699	-69,691	-0,610	0,413	10,351	336,084	46,667	0,222	-69,691	0,000	-0,610	0,000	0,000	0,413

Structural element	Node [10 ˚]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [10 ˚ kN/m/m]	T---,--- [kN/m/m]	T-,--,--	N --- [kN/m]	N --- [kN/m]	Q --- [kN/m]	Q --- [kN/m]	M --- [kN m/m]	M --- [kN m/m]
	12493	5	4,500	-28,000	-67,758	-0,497	0,246	10,302	387,169	46,667	0,221	-67,758	0,000	-0,497	0,000	0,000	0,246
EmbeddedBeamRow_1_1	12493	1	4,500	-28,000	-67,786	-0,499	0,246	10,302	387,169	46,667	0,221	-67,786	0,000	-0,499	0,000	0,000	0,246
Element 1-22 (Embedded beam row)	12494	2	4,500	-28,223	-66,341	-0,404	0,145	10,190	471,839	46,667	0,218	-66,341	0,000	-0,404	0,000	0,000	0,145
(palo 1500)	12495	3	4,500	-28,445	-64,994	-0,289	0,068	9,834	567,990	46,667	0,211	-64,994	0,000	-0,289	0,000	0,000	0,068
	12496	4	4,500	-28,668	-63,757	-0,155	0,018	9,188	641,210	46,667	0,197	-63,757	0,000	-0,155	0,000	0,000	0,018
	12497	5	4,500	-28,890	-62,647	-0,003	0,000	8,356	767,034	46,667	0,179	-62,647	0,000	-0,003	0,000	0,000	0,000
EmbeddedBeamRow_2_1	12498	1	12,300	-4,890	-133,208	0,302	6,243	0,000	0,000	46,667	0,000	-133,208	0,000	0,000	0,308	0,000	6,243
Element 2-23 (Embedded beam row)	12499	2	12,300	-5,172	-134,208	0,306	6,329	0,552	-22,780	46,667	0,012	-134,208	0,000	0,000	0,312	0,000	6,329
(palo 1500)	12500	3	12,300	-5,454	-135,110	0,288	6,414	0,934	-104,582	46,667	0,020	-135,110	0,000	0,000	0,295	0,000	6,414
	12501	4	12,300	-5,737	-135,923	0,251	6,490	1,189	-165,723	46,667	0,025	-135,923	0,000	0,000	0,259	0,000	6,490
	12502	5	12,300	-6,019	-136,652	0,194	6,553	1,398	-202,356	46,667	0,030	-136,652	0,000	0,000	0,205	0,000	6,553
EmbeddedBeamRow_2_1	12502	1	12,300	-6,019	-136,662	0,199	6,553	1,398	-202,356	46,667	0,030	-136,662	0,000	0,000	0,210	0,000	6,553
Element 2-24 (Embedded beam row)	12503	2	12,300	-6,267	-137,264	0,144	6,596	1,578	-212,470	46,667	0,034	-137,264	0,000	0,000	0,157	0,000	6,596
(palo 1500)	12504	3	12,300	-6,515	-137,827	0,093	6,625	1,746	-203,857	46,667	0,037	-137,827	0,000	0,000	0,108	0,000	6,625
	12505	4	12,300	-6,763	-138,348	0,047	6,643	1,904	-173,764	46,667	0,041	-138,348	0,000	0,000	0,064	0,000	6,643
	12506	5	12,300	-7,011	-138,830	0,007	6,649	2,055	-118,765	46,667	0,044	-138,830	0,000	0,000	0,039	0,000	6,649
EmbeddedBeamRow_2_1	12506	1	12,300	-7,011	-138,829	0,010	6,649	4,008	-231,593	46,667	0,086	-138,829	0,000	0,000	0,040	0,000	6,649
Element 2-25 (Embedded beam row)	12507	2	12,300	-7,261	-138,816	-0,055	6,644	3,973	-275,926	46,667	0,085	-138,816	0,000	-0,055	0,007	0,000	6,644
(palo 1500)	12508	3	12,300	-7,511	-138,806	-0,128	6,621	3,962	-312,829	46,667	0,085	-138,806	0,000	-0,128	0,000	0,000	6,621
	12509	4	12,300	-7,761	-138,797	-0,210	6,579	3,961	-341,433	46,667	0,085	-138,797	0,000	-0,210	0,000	0,000	6,579
	12510	5	12,300	-8,011	-138,789	-0,299	6,516	3,965	-362,088	46,667	0,085	-138,789	0,000	-0,299	0,000	0,000	6,516
EmbeddedBeamRow_2_1	12510	1	12,300	-8,011	-138,788	-0,298	6,516	3,965	-362,088	46,667	0,085	-138,788	0,000	-0,298	0,000	0,000	6,516
Element 2-26 (Embedded beam row)	12511	2	12,300	-8,261	-138,778	-0,391	6,430	3,974	-374,307	46,667	0,085	-138,778	0,000	-0,391	0,000	0,000	6,430
(palo 1500)	12512	3	12,300	-8,511	-138,764	-0,485	6,320	3,988	-379,487	46,667	0,085	-138,764	0,000	-0,485	0,000	0,000	6,320
	12513	4	12,300	-8,761	-138,747	-0,579	6,187	4,004	-378,003	46,667	0,086	-138,747	0,000	-0,579	0,000	0,000	6,187
	12514	5	12,300	-9,011	-138,726	-0,674	6,030	4,024	-370,438	46,667	0,086	-138,726	0,000	-0,674	0,000	0,000	6,030
EmbeddedBeamRow_2_1	12514	1	12,300	-9,011	-138,725	-0,673	6,030	4,024	-370,438	46,667	0,086	-138,725	0,000	-0,673	0,000	0,000	6,030
Element 2-27 (Embedded beam row)	12515	2	12,300	-9,261	-138,699	-0,765	5,851	4,046	-357,059	46,667	0,087	-138,699	0,000	-0,765	0,000	0,000	5,851
(palo 1500)	12516	3	12,300	-9,511	-138,666	-0,851	5,649	4,070	-338,251	46,667	0,087	-138,666	0,000	-0,851	0,000	0,000	5,649
	12517	4	12,300	-9,761	-138,627	-0,933	5,425	4,096	-314,144	46,667	0,088	-138,627	0,000	-0,933	0,000	0,000	5,425
	12518	5	12,300	-10,011	-138,581	-1,009	5,183	4,124	-284,904	46,667	0,088	-138,581	0,000	-1,009	0,000	0,000	5,183
EmbeddedBeamRow_2_1	12518	1	12,300	-10,011	-138,581	-1,007	5,183	4,124	-284,904	46,667	0,088	-138,581	0,000	-1,007	0,000	0,000	5,183
Element 2-28 (Embedded beam row)	12519	2	12,300	-10,261	-138,528	-1,075	4,922	4,153	-250,491	46,667	0,089	-138,528	0,000	-1,075	0,000	0,000	4,922
(palo 1500)	12520	3	12,300	-10,511	-138,468	-1,133	4,646	4,183	-210,861	46,667	0,090	-138,468	0,000	-1,133	0,000	0,000	4,646
	12521	4	12,300	-10,761	-138,400	-1,180	4,357	4,214	-165,766	46,667	0,090	-138,400	0,000	-1,180	0,000	0,000	4,357
	12522	5	12,300	-11,011	-138,325	-1,216	4,057	4,245	-114,931	46,667	0,091	-138,325	0,000	-1,216	0,000	0,000	4,057

Structural element	Node [10 ˚]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [10 ˚ kN/m/m]	T---,--- [kN/m/m]	T-,--,--	N --- [kN/m]	N --- [kN/m]	Q --- [kN/m]	Q --- [kN/m]	M --- [kN m/m]	M --- [kN m/m]
EmbeddedBeamRow_2_1	12522	1	12,300	-11,011	-138,325	-1,214	4,057	4,245	-114,931	46,667	0,091	-138,325	0,000	-1,214	0,000	0,000	4,057
Element 2-29 (Embedded beam row)	12523	2	12,300	-11,261	-138,242	-1,237	3,750	4,276	-57,841	46,667	0,092	-138,242	0,000	-1,237	0,000	0,000	3,750
(palo 1500)	12524	3	12,300	-11,511	-138,150	-1,244	3,440	4,307	6,036	46,667	0,092	-138,150	0,000	-1,244	0,000	0,000	3,440
	12525	4	12,300	-11,761	-138,052	-1,233	3,130	4,336	78,761	46,667	0,093	-138,052	0,000	-1,233	0,000	0,000	3,130
	12526	5	12,300	-12,011	-137,946	-1,204	2,825	4,356	163,249	46,667	0,093	-137,946	0,000	-1,204	0,000	0,000	2,825
EmbeddedBeamRow_2_1	12526	1	12,300	-12,011	-137,944	-1,204	2,825	6,534	244,874	46,667	0,140	-137,944	0,000	-1,204	0,000	0,000	2,825
Element 2-30 (Embedded beam row)	12527	2	12,300	-12,279	-137,249	-1,138	2,512	6,547	239,282	46,667	0,140	-137,249	0,000	-1,138	0,000	0,000	2,512
(palo 1500)	12528	3	12,300	-12,546	-136,543	-1,076	2,216	6,580	229,485	46,667	0,141	-136,543	0,000	-1,076	0,000	0,000	2,216
	12529	4	12,300	-12,814	-135,828	-1,016	1,936	6,622	218,118	46,667	0,142	-135,828	0,000	-1,016	0,000	0,000	1,936
	12530	5	12,300	-13,081	-135,102	-0,959	1,672	6,666	206,832	46,667	0,143	-135,102	0,000	-0,959	0,000	0,000	1,672
EmbeddedBeamRow_2_1	12530	1	12,300	-13,081	-135,101	-0,959	1,672	6,666	206,832	46,667	0,143	-135,101	0,000	-0,959	0,000	0,000	1,672
Element 2-31 (Embedded beam row)	12531	2	12,300	-13,351	-134,355	-0,905	1,420	6,715	196,239	46,667	0,144	-134,355	0,000	-0,905	0,000	0,000	1,433
(palo 1500)	12532	3	12,300	-13,621	-133,595	-0,853	1,183	6,767	186,230	46,667	0,145	-133,595	0,000	-0,853	0,000	0,000	1,208
	12533	4	12,300	-13,891	-132,820	-0,804	0,959	6,822	176,956	46,667	0,146	-132,820	0,000	-0,804	0,000	0,000	0,997
	12534	5	12,300	-14,162	-132,031	-0,757	0,749	6,878	168,439	46,667	0,147	-132,031	0,000	-0,757	0,000	0,000	0,797
EmbeddedBeamRow_2_1	12534	1	12,300	-14,162	-132,031	-0,757	0,749	6,878	168,439	46,667	0,147	-132,031	0,000	-0,757	0,000	0,000	0,797
Element 2-32 (Embedded beam row)	12535	2	12,300	-14,434	-131,218	-0,712	0,548	6,937	160,623	46,667	0,149	-131,218	0,000	-0,712	0,000	0,000	0,608
(palo 1500)	12536	3	12,300	-14,707	-130,388	-0,669	0,360	6,998	153,565	46,667	0,150	-130,388	0,000	-0,669	0,000	0,000	0,430
	12537	4	12,300	-14,980	-129,542	-0,628	0,183	7,060	147,261	46,667	0,151	-129,542	0,000	-0,628	0,000	0,000	0,262
	12538	5	12,300	-15,253	-128,679	-0,589	0,017	7,123	141,670	46,667	0,153	-128,679	0,000	-0,589	0,000	0,000	0,179
EmbeddedBeamRow_2_1	12538	1	12,300	-15,253	-128,678	-0,589	0,017	7,123	141,670	46,667	0,153	-128,678	0,000	-0,589	0,000	0,000	0,179
Element 2-33 (Embedded beam row)	12539	2	12,300	-15,528	-127,789	-0,551	-0,140	7,189	136,732	46,667	0,154	-127,789	0,000	-0,551	0,000	-0,140	0,107
(palo 1500)	12540	3	12,300	-15,804	-126,881	-0,514	-0,287	7,256	132,464	46,667	0,155	-126,881	0,000	-0,514	0,000	-0,287	0,041
	12541	4	12,300	-16,079	-125,954	-0,478	-0,424	7,324	128,838	46,667	0,157	-125,954	0,000	-0,478	0,000	-0,424	0,000
	12542	5	12,300	-16,355	-125,009	-0,443	-0,550	7,393	125,810	46,667	0,158	-125,009	0,000	-0,443	0,000	-0,550	0,000
EmbeddedBeamRow_2_1	12542	1	12,300	-16,355	-125,009	-0,442	-0,550	7,393	125,810	46,667	0,158	-125,009	0,000	-0,442	0,000	-0,550	0,000
Element 2-34 (Embedded beam row)	12543	2	12,300	-16,633	-124,035	-0,408	-0,669	7,463	123,326	46,667	0,160	-124,035	0,000	-0,408	0,000	-0,669	0,000
(palo 1500)	12544	3	12,300	-16,912	-123,040	-0,374	-0,777	7,535	121,366	46,667	0,161	-123,040	0,000	-0,374	0,000	-0,777	0,000
	12545	4	12,300	-17,190	-122,026	-0,340	-0,877	7,609	119,892	46,667	0,163	-122,026	0,000	-0,340	0,000	-0,877	0,000
	12546	5	12,300	-17,468	-120,992	-0,307	-0,967	7,683	118,843	46,667	0,165	-120,992	0,000	-0,307	0,000	-0,967	0,000
EmbeddedBeamRow_2_1	12546	1	12,300	-17,468	-120,991	-0,307	-0,967	7,683	118,843	46,667	0,165	-120,991	0,000	-0,307	0,000	-0,967	0,000
Element 2-35 (Embedded beam row)	12547	2	12,300	-17,749	-119,925	-0,274	-1,048	7,759	118,163	46,667	0,166	-119,925	0,000	-0,274	0,000	-1,048	0,000
(palo 1500)	12548	3	12,300	-18,030	-118,837	-0,241	-1,121	7,836	117,796	46,667	0,168	-118,837	0,000	-0,241	0,000	-1,121	0,000
	12549	4	12,300	-18,311	-117,727	-0,208	-1,184	7,914	117,672	46,667	0,170	-117,727	0,000	-0,208	0,000	-1,184	0,000
	12550	5	12,300	-18,593	-116,596	-0,175	-1,237	7,993	117,711	46,667	0,171	-116,596	0,000	-0,177	0,000	-1,237	0,000
EmbeddedBeamRow_2_1	12550	1	12,300	-18,593	-116,595	-0,174	-1,237	7,993	117,711	46,667	0,171	-116,595	0,000	-0,177	0,000	-1,237	0,000

Structural element	Node [10 ˚]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [10 ˚ kN/m/m]	T---,--- [kN/m/m]	T-,--,--	N --- [kN/m]	N --- [kN/m]	Q --- [kN/m]	Q --- [kN/m]	M --- [kN m/m]	M --- [kN m/m]
Element 2-36 (Embedded beam row)	12551	2	12,300	-18,876	-115,430	-0,141	-1,282	8,075	117,829	46,667	0,173	-115,430	0,000	-0,147	0,000	-1,282	0,000
(palo 1500)	12552	3	12,300	-19,160	-114,241	-0,108	-1,317	8,157	117,928	46,667	0,175	-114,241	0,000	-0,117	0,000	-1,317	0,000
	12553	4	12,300	-19,444	-113,028	-0,074	-1,343	8,241	117,906	46,667	0,177	-113,028	0,000	-0,087	0,000	-1,343	0,000
	12554	5	12,300	-19,728	-111,792	-0,041	-1,360	8,325	117,651	46,667	0,178	-111,792	0,000	-0,057	0,000	-1,360	0,000
EmbeddedBeamRow_2_1	12554	1	12,300	-19,728	-111,791	-0,041	-1,360	8,325	117,651	46,667	0,178	-111,791	0,000	-0,057	0,000	-1,360	0,000
Element 2-37 (Embedded beam row)	12555	2	12,300	-20,015	-110,518	-0,007	-1,366	8,412	117,029	46,667	0,180	-110,518	0,000	-0,032	0,000	-1,366	0,000
(palo 1500)	12556	3	12,300	-20,301	-109,220	0,026	-1,364	8,500	115,925	46,667	0,182	-109,220	0,000	-0,019	0,026	-1,364	0,000
	12557	4	12,300	-20,588	-107,896	0,059	-1,351	8,588	114,194	46,667	0,184	-107,896	0,000	-0,007	0,059	-1,351	0,000
	12558	5	12,300	-20,875	-106,547	0,092	-1,330	8,677	111,712	46,667	0,186	-106,547	0,000	0,000	0,092	-1,330	0,000
EmbeddedBeamRow_2_1	12558	1	12,300	-20,875	-106,546	0,092	-1,330	8,677	111,712	46,667	0,186	-106,546	0,000	0,000	0,092	-1,330	0,000
Element 2-38 (Embedded beam row)	12559	2	12,300	-21,164	-105,159	0,124	-1,298	8,768	108,300	46,667	0,188	-105,159	0,000	0,000	0,124	-1,298	0,000
(palo 1500)	12560	3	12,300	-21,454	-103,743	0,154	-1,258	8,860	103,856	46,667	0,190	-103,743	0,000	0,000	0,154	-1,258	0,000
	12561	4	12,300	-21,744	-102,301	0,184	-1,209	8,952	98,244	46,667	0,192	-102,301	0,000	0,000	0,184	-1,209	0,000
	12562	5	12,300	-22,033	-100,833	0,211	-1,152	9,044	91,379	46,667	0,194	-100,833	0,000	0,000	0,211	-1,152	0,000
EmbeddedBeamRow_2_1	12562	1	12,300	-22,033	-100,833	0,211	-1,152	9,044	91,379	46,667	0,194	-100,833	0,000	0,000	0,211	-1,152	0,000
Element 2-39 (Embedded beam row)	12563	2	12,300	-22,326	-99,323	0,237	-1,086	9,137	83,049	46,667	0,196	-99,323	0,000	0,000	0,237	-1,086	0,000
(palo 1500)	12564	3	12,300	-22,618	-97,786	0,260	-1,014	9,229	73,298	46,667	0,198	-97,786	0,000	0,000	0,260	-1,014	0,000
	12565	4	12,300	-22,910	-96,221	0,279	-0,935	9,320	62,055	46,667	0,200	-96,221	0,000	0,000	0,279	-0,935	0,000
	12566	5	12,300	-23,203	-94,631	0,296	-0,851	9,410	49,353	46,667	0,202	-94,631	0,000	0,000	0,296	-0,851	0,000
EmbeddedBeamRow_2_1	12566	1	12,300	-23,203	-94,631	0,296	-0,851	9,410	49,353	46,667	0,202	-94,631	0,000	0,000	0,296	-0,851	0,000
Element 2-40 (Embedded beam row)	12567	2	12,300	-23,498	-92,999	0,308	-0,761	9,499	35,083	46,667	0,204	-92,999	0,000	0,000	0,308	-0,763	0,000
(palo 1500)	12568	3	12,300	-23,794	-91,340	0,316	-0,669	9,586	19,483	46,667	0,205	-91,340	0,000	0,000	0,316	-0,684	0,000
	12569	4	12,300	-24,089	-89,656	0,320	-0,575	9,669	2,651	46,667	0,207	-89,656	0,000	0,000	0,320	-0,602	0,000
	12570	5	12,300	-24,384	-87,948	0,318	-0,481	9,748	-15,154	46,667	0,209	-87,948	0,000	0,000	0,318	-0,519	0,000
EmbeddedBeamRow_2_1	12570	1	12,300	-24,384	-87,949	0,318	-0,481	9,748	-15,154	46,667	0,209	-87,949	0,000	0,000	0,318	-0,519	0,000
Element 2-41 (Embedded beam row)	12571	2	12,300	-24,683	-86,200	0,311	-0,387	9,823	-34,044	46,667	0,210	-86,200	0,000	0,000	0,311	-0,436	0,000
(palo 1500)	12572	3	12,300	-24,981	-84,431	0,297	-0,296	9,892	-53,417	46,667	0,212	-84,431	0,000	0,000	0,297	-0,354	0,000
	12573	4	12,300	-25,279	-82,642	0,279	-0,210	9,954	-73,146	46,667	0,213	-82,642	0,000	0,000	0,279	-0,276	0,000
	12574	5	12,300	-25,578	-80,835	0,254	-0,130	10,008	-92,375	46,667	0,214	-80,835	0,000	0,000	0,254	-0,202	0,000
EmbeddedBeamRow_2_1	12574	1	12,300	-25,578	-80,837	0,254	-0,130	10,008	-92,375	46,667	0,214	-80,837	0,000	0,000	0,254	-0,202	0,000
Element 2-42 (Embedded beam row)	12575	2	12,300	-25,879	-78,996	0,223	-0,058	10,053	-112,393	46,667	0,215	-78,996	0,000	0,000	0,223	-0,133	0,000
(palo 1500)	12576	3	12,300	-26,180	-77,146	0,186	0,004	10,084	-129,786	46,667	0,216	-77,146	0,000	0,000	0,187	-0,093	0,004
	12577	4	12,300	-26,482	-75,289	0,144	0,054	10,096	-151,225	46,667	0,216	-75,289	0,000	0,000	0,154	-0,068	0,054
	12578	5	12,300	-26,783	-73,428	0,095	0,090	10,099	-155,854	46,667	0,216	-73,428	0,000	0,000	0,115	-0,045	0,090
EmbeddedBeamRow_2_1	12578	1	12,300	-26,783	-73,436	0,100	0,090	10,099	-155,854	46,667	0,216	-73,436	0,000	0,000	0,119	-0,045	0,090
Element 2-43 (Embedded beam row)	12579	2	12,300	-27,087	-71,548	0,044	0,112	10,097	-175,949	46,667	0,216	-71,548	0,000	0,000	0,074	-0,026	0,112

Structural element	Node [10 ˚]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [10 ˚ kN/m/m]	T---,--- [kN/m/m]	T-,--,--	N -,-- [kN/m]	N -,-- [kN/m]	Q -,-- [kN/m]	Q -,-- [kN/m]	M -,-- [kN m/m]	M -,-- [kN m/m]
(palo 1500)	12580	3	12,300	-27,391	-69,680	-0,007	0,117	10,039	-159,530	46,667	0,215	-69,680	0,000	-0,007	0,045	-0,010	0,117
	12581	4	12,300	-27,696	-67,836	-0,052	0,108	9,938	-136,655	46,667	0,213	-67,836	0,000	-0,052	0,031	0,000	0,108
	12582	5	12,300	-28,000	-66,021	-0,090	0,086	9,774	-87,880	46,667	0,209	-66,021	0,000	-0,090	0,016	0,000	0,086
EmbeddedBeamRow_2_1	12582	1	12,300	-28,000	-66,039	-0,078	0,086	9,774	-87,880	46,667	0,209	-66,039	0,000	-0,078	0,020	0,000	0,086
Element 2-44 (Embedded beam row)	12583	2	12,300	-28,223	-64,738	-0,113	0,065	9,601	-88,178	46,667	0,206	-64,738	0,000	-0,113	0,000	0,000	0,065
(palo 1500)	12584	3	12,300	-28,445	-63,511	-0,121	0,038	9,315	-13,240	46,667	0,200	-63,511	0,000	-0,121	0,000	0,000	0,038
	12585	4	12,300	-28,668	-62,368	-0,093	0,014	8,849	230,671	46,667	0,190	-62,368	0,000	-0,093	0,000	0,000	0,014
	12586	5	12,300	-28,890	-61,318	-0,021	0,000	8,178	722,414	46,667	0,175	-61,318	0,000	-0,022	0,000	0,000	0,000

3.3.2.1.9 Calculation results, Embedded beam row, carico orizzontale [Phase_3] (3/31), Table of embedded pile row force envelopes

Structural element	Node [10⁻]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T--- [kN/m/m]	T---,--- [kN/m/m]	T---,---	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
EmbeddedBeamRow_1_1	12409	1	4,500	-4,890	-193,475	-11,178	31,212	0,000	0,000	46,667	0,000	-194,648	0,000	-11,178	0,000	-4,805	31,212
Element 1-1 (Embedded beam row)	12410	2	4,500	-5,181	-194,850	-11,491	27,919	-0,995	-1,137	46,667	0,021	-195,966	0,000	-11,491	0,000	-5,172	27,919
(palo 1500)	12411	3	4,500	-5,471	-196,339	-11,846	24,526	-1,417	-1,358	46,667	0,030	-197,375	0,000	-11,846	0,000	-5,534	24,526
	12412	4	4,500	-5,762	-197,936	-12,222	21,028	-1,733	-1,288	46,667	0,037	-198,868	0,000	-12,222	0,000	-5,886	21,028
	12413	5	4,500	-6,053	-199,632	-12,602	17,420	-2,117	-1,086	46,667	0,045	-200,436	0,000	-12,602	0,000	-6,225	17,420
EmbeddedBeamRow_1_1	12413	1	4,500	-6,053	-199,631	-12,577	17,420	-4,128	-2,117	46,667	0,088	-200,431	0,000	-12,577	0,000	-6,225	17,420
Element 1-2 (Embedded beam row)	12414	2	4,500	-6,303	-201,679	-13,075	14,213	-4,345	-1,813	46,667	0,093	-202,224	0,000	-13,075	0,000	-6,502	14,213
(palo 1500)	12415	3	4,500	-6,553	-203,768	-13,484	10,890	-4,522	-1,466	46,667	0,097	-204,056	0,000	-13,484	0,000	-6,758	10,890
	12416	4	4,500	-6,803	-205,895	-13,802	7,477	-4,644	-1,087	46,667	0,100	-205,924	0,000	-13,802	0,000	-6,987	7,477
	12417	5	4,500	-7,053	-208,054	-14,028	3,997	-4,708	-0,688	46,667	0,101	-208,054	0,000	-14,028	0,000	-7,185	3,997
EmbeddedBeamRow_1_1	12417	1	4,500	-7,053	-208,044	-14,026	3,997	-4,708	-0,688	46,667	0,101	-208,044	0,000	-14,026	0,000	-7,185	3,997
Element 1-3 (Embedded beam row)	12418	2	4,500	-7,303	-210,212	-14,146	0,474	-4,718	-0,278	46,667	0,101	-210,212	0,000	-14,146	0,000	-7,350	0,474
(palo 1500)	12419	3	4,500	-7,553	-212,367	-14,164	-3,068	-4,674	0,133	46,667	0,100	-212,367	0,000	-14,164	0,000	-7,481	0,000
	12420	4	4,500	-7,803	-214,504	-14,081	-6,601	-4,578	0,535	46,667	0,098	-214,504	0,000	-14,081	0,000	-7,853	0,000
	12421	5	4,500	-8,053	-216,620	-13,897	-10,100	-4,434	0,921	46,667	0,095	-216,620	0,000	-13,897	0,000	-10,221	0,000
EmbeddedBeamRow_1_1	12421	1	4,500	-8,053	-216,612	-13,901	-10,100	-4,434	0,921	46,667	0,095	-216,612	0,000	-13,901	0,000	-10,221	0,000
Element 1-4 (Embedded beam row)	12422	2	4,500	-8,303	-218,684	-13,621	-13,541	-4,245	1,284	46,667	0,091	-218,684	0,000	-13,621	0,001	-13,541	0,000
(palo 1500)	12423	3	4,500	-8,553	-220,698	-13,259	-16,903	-4,017	1,618	46,667	0,086	-220,698	0,000	-13,259	0,115	-16,903	0,000
	12424	4	4,500	-8,803	-222,651	-12,818	-20,165	-3,754	1,919	46,667	0,080	-222,651	0,000	-12,818	0,241	-20,165	0,000
	12425	5	4,500	-9,053	-224,539	-12,299	-23,306	-3,461	2,182	46,667	0,074	-224,539	0,000	-12,299	0,366	-23,306	0,000
EmbeddedBeamRow_1_1	12425	1	4,500	-9,053	-224,535	-12,307	-23,306	-3,461	2,182	46,667	0,074	-224,535	0,000	-12,307	0,365	-23,306	0,000
Element 1-5 (Embedded beam row)	12426	2	4,500	-9,303	-226,344	-11,727	-26,310	-3,143	2,404	46,667	0,067	-226,344	0,000	-11,727	0,482	-26,310	0,000
(palo 1500)	12427	3	4,500	-9,553	-228,069	-11,104	-29,166	-2,805	2,584	46,667	0,060	-228,069	0,000	-11,104	0,590	-29,166	0,000
	12428	4	4,500	-9,803	-229,708	-10,442	-31,860	-2,453	2,719	46,667	0,053	-229,708	0,000	-10,442	0,687	-31,860	0,000
	12429	5	4,500	-10,053	-231,259	-9,744	-34,384	-2,093	2,811	46,667	0,045	-231,259	0,000	-9,744	0,773	-34,384	0,000
EmbeddedBeamRow_1_1	12429	1	4,500	-10,053	-231,259	-9,753	-34,384	-2,093	2,811	46,667	0,045	-231,259	0,000	-9,753	0,773	-34,384	0,000
Element 1-6 (Embedded beam row)	12430	2	4,500	-10,303	-232,718	-9,037	-36,732	-1,728	2,857	46,667	0,037	-232,718	0,000	-9,037	0,847	-36,732	0,000
(palo 1500)	12431	3	4,500	-10,553	-234,086	-8,323	-38,902	-1,365	2,861	46,667	0,029	-234,086	0,000	-8,323	0,907	-38,902	0,000
	12432	4	4,500	-10,803	-235,365	-7,614	-40,895	-1,008	2,822	46,667	0,022	-235,365	0,000	-7,614	0,953	-40,895	0,000
	12433	5	4,500	-11,053	-236,553	-6,911	-42,710	-0,659	2,742	46,667	0,014	-236,553	0,000	-6,911	0,984	-42,710	0,000
EmbeddedBeamRow_1_1	12433	1	4,500	-11,053	-236,556	-6,919	-42,710	-0,989	4,112	46,667	0,021	-236,556	0,000	-6,919	0,983	-42,710	0,000
Element 1-7 (Embedded beam row)	12434	2	4,500	-11,317	-237,780	-5,834	-44,396	-0,430	4,051	46,667	0,009	-237,780	0,000	-5,834	1,020	-44,396	0,000

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
(palo 1500)	12435	3	4,500	-11,582	-238,861	-4,775	-45,799	0,119	3,955	46,667	0,003	-238,861	0,000	-4,775	1,054	-45,799	0,000
	12436	4	4,500	-11,847	-239,798	-3,746	-46,926	0,658	3,826	46,667	0,014	-239,798	0,000	-3,746	1,085	-46,926	0,000
	12437	5	4,500	-12,111	-240,591	-2,750	-47,785	1,183	3,669	46,667	0,025	-240,591	0,000	-2,750	1,113	-47,785	0,000
EmbeddedBeamRow_1_1	12437	1	4,500	-12,111	-240,594	-2,755	-47,785	1,183	3,669	46,667	0,025	-240,594	0,000	-2,755	1,113	-47,785	0,000
Element 1-8 (Embedded beam row)	12438	2	4,500	-12,378	-241,255	-1,796	-48,391	1,697	3,487	46,667	0,036	-241,255	0,000	-1,796	1,137	-48,391	0,000
(palo 1500)	12439	3	4,500	-12,645	-241,785	-0,892	-48,749	2,196	3,286	46,667	0,047	-241,785	0,000	-0,892	1,157	-48,749	0,000
	12440	4	4,500	-12,912	-242,183	-0,043	-48,873	2,680	3,071	46,667	0,057	-242,183	0,000	-0,043	1,174	-48,873	0,000
	12441	5	4,500	-13,179	-242,450	0,748	-48,777	3,147	2,846	46,667	0,067	-242,450	0,000	0,000	1,186	-48,777	0,000
EmbeddedBeamRow_1_1	12441	1	4,500	-13,179	-242,454	0,747	-48,777	3,147	2,846	46,667	0,067	-242,454	0,000	0,000	1,186	-48,777	0,000
Element 1-9 (Embedded beam row)	12442	2	4,500	-13,449	-242,600	1,483	-48,475	3,603	2,612	46,667	0,077	-242,600	0,000	0,000	1,483	-48,475	0,000
(palo 1500)	12443	3	4,500	-13,718	-242,628	2,155	-47,983	4,044	2,373	46,667	0,087	-242,628	0,000	0,000	2,155	-47,983	0,000
	12444	4	4,500	-13,988	-242,540	2,762	-47,319	4,470	2,134	46,667	0,096	-242,540	0,000	0,000	2,762	-47,319	0,000
	12445	5	4,500	-14,258	-242,335	3,305	-46,500	4,881	1,896	46,667	0,105	-242,335	0,000	0,000	3,305	-46,500	0,000
EmbeddedBeamRow_1_1	12445	1	4,500	-14,258	-242,338	3,306	-46,500	4,881	1,896	46,667	0,105	-242,338	0,000	0,000	3,306	-46,500	0,000
Element 1-10 (Embedded beam row)	12446	2	4,500	-14,530	-242,022	3,788	-45,534	5,283	1,659	46,667	0,113	-242,022	0,000	0,000	3,788	-45,534	0,000
(palo 1500)	12447	3	4,500	-14,802	-241,600	4,209	-44,445	5,671	1,427	46,667	0,122	-241,600	0,000	0,000	4,209	-44,445	0,000
	12448	4	4,500	-15,074	-241,075	4,566	-43,250	6,047	1,202	46,667	0,130	-241,075	0,000	0,000	4,566	-43,250	0,000
	12449	5	4,500	-15,346	-240,447	4,862	-41,966	6,412	0,984	46,667	0,137	-240,447	0,000	0,000	4,862	-41,966	0,000
EmbeddedBeamRow_1_1	12449	1	4,500	-15,346	-240,449	4,864	-41,966	6,412	0,984	46,667	0,137	-240,449	0,000	0,000	4,864	-41,966	0,000
Element 1-11 (Embedded beam row)	12450	2	4,500	-15,620	-239,716	5,103	-40,597	6,768	0,772	46,667	0,145	-239,716	0,000	0,000	5,103	-40,597	0,000
(palo 1500)	12451	3	4,500	-15,895	-238,889	5,288	-39,169	7,113	0,570	46,667	0,152	-238,889	0,000	0,000	5,288	-39,169	0,000
	12452	4	4,500	-16,169	-237,969	5,418	-37,698	7,447	0,377	46,667	0,160	-237,969	0,000	0,000	5,418	-37,698	0,000
	12453	5	4,500	-16,444	-236,957	5,495	-36,199	7,771	0,196	46,667	0,167	-236,957	0,000	0,000	5,495	-36,199	0,104
EmbeddedBeamRow_1_1	12453	1	4,500	-16,444	-236,958	5,497	-36,199	7,771	0,196	46,667	0,167	-236,958	0,000	0,000	5,497	-36,199	0,104
Element 1-12 (Embedded beam row)	12454	2	4,500	-16,721	-235,848	5,525	-34,672	8,087	0,024	46,667	0,173	-235,848	0,000	0,000	5,525	-34,672	0,395
(palo 1500)	12455	3	4,500	-16,998	-234,653	5,510	-33,141	8,393	-0,135	46,667	0,180	-234,653	0,000	0,000	5,510	-33,141	0,677
	12456	4	4,500	-17,275	-233,375	5,453	-31,621	8,690	-0,282	46,667	0,186	-233,375	0,000	0,000	5,453	-31,621	0,948
	12457	5	4,500	-17,552	-232,014	5,354	-30,124	8,977	-0,414	46,667	0,192	-232,014	0,000	0,000	5,354	-30,124	1,208
EmbeddedBeamRow_1_1	12457	1	4,500	-17,552	-232,015	5,358	-30,124	8,977	-0,414	46,667	0,192	-232,015	0,000	0,000	5,358	-30,124	1,208
Element 1-13 (Embedded beam row)	12458	2	4,500	-17,832	-230,563	5,222	-28,644	9,257	-0,533	46,667	0,198	-230,563	0,000	0,000	5,222	-28,644	1,458
(palo 1500)	12459	3	4,500	-18,111	-229,035	5,059	-27,205	9,528	-0,635	46,667	0,204	-229,035	0,000	0,000	5,059	-27,205	1,695
	12460	4	4,500	-18,391	-227,432	4,870	-25,816	9,791	-0,720	46,667	0,210	-227,432	0,000	0,000	4,870	-25,816	1,918
	12461	5	4,500	-18,671	-225,756	4,656	-24,484	10,046	-0,788	46,667	0,215	-225,756	0,000	0,000	4,656	-24,484	2,126
EmbeddedBeamRow_1_1	12461	1	4,500	-18,671	-225,756	4,660	-24,484	10,046	-0,788	46,667	0,215	-225,756	0,000	0,000	4,660	-24,484	2,126
Element 1-14 (Embedded beam row)	12462	2	4,500	-18,953	-223,994	4,427	-23,202	10,299	-0,836	46,667	0,221	-223,994	0,000	0,000	4,427	-23,202	2,321
(palo 1500)	12463	3	4,500	-19,235	-222,160	4,188	-21,985	10,547	-0,866	46,667	0,226	-222,160	0,000	0,000	4,188	-21,985	2,499

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
	12464	4	4,500	-19,517	-220,256	3,943	-20,838	10,794	-0,875	46,667	0,231	-220,256	0,000	0,000	3,943	-20,838	2,661
	12465	5	4,500	-19,799	-218,284	3,694	-19,760	11,041	-0,865	46,667	0,237	-218,284	0,000	0,000	3,694	-19,760	2,806
EmbeddedBeamRow_1_1	12465	1	4,500	-19,799	-218,283	3,698	-19,760	11,041	-0,865	46,667	0,237	-218,283	0,000	0,000	3,698	-19,760	2,806
Element 1-15 (Embedded beam row)	12466	2	4,500	-20,084	-216,223	3,452	-18,743	11,292	-0,837	46,667	0,242	-216,223	0,000	0,000	3,452	-18,743	2,936
(palo 1500)	12467	3	4,500	-20,369	-214,088	3,221	-17,792	11,549	-0,792	46,667	0,247	-214,088	0,000	0,000	3,221	-17,792	3,048
	12468	4	4,500	-20,654	-211,878	3,004	-16,906	11,812	-0,732	46,667	0,253	-211,878	0,000	0,000	3,004	-16,906	3,143
	12469	5	4,500	-20,939	-209,596	2,803	-16,079	12,085	-0,662	46,667	0,259	-209,596	0,000	0,000	2,803	-16,079	3,222
EmbeddedBeamRow_1_1	12469	1	4,500	-20,939	-209,593	2,805	-16,079	12,085	-0,662	46,667	0,259	-209,593	0,000	0,000	2,805	-16,079	3,222
Element 1-16 (Embedded beam row)	12470	2	4,500	-21,226	-207,210	2,625	-15,300	12,370	-0,583	46,667	0,265	-207,210	0,000	-0,004	2,625	-15,300	3,285
(palo 1500)	12471	3	4,500	-21,514	-204,739	2,470	-14,568	12,666	-0,500	46,667	0,271	-204,739	0,000	-0,026	2,470	-14,568	3,331
	12472	4	4,500	-21,801	-202,182	2,338	-13,877	12,972	-0,414	46,667	0,278	-202,182	0,000	-0,046	2,338	-13,877	3,360
	12473	5	4,500	-22,089	-199,539	2,231	-13,221	13,289	-0,330	46,667	0,285	-199,539	0,000	-0,064	2,231	-13,221	3,374
EmbeddedBeamRow_1_1	12473	1	4,500	-22,089	-199,536	2,231	-13,221	13,289	-0,330	46,667	0,285	-199,536	0,000	-0,064	2,231	-13,221	3,374
Element 1-17 (Embedded beam row)	12474	2	4,500	-22,379	-196,775	2,148	-12,586	13,616	-0,248	46,667	0,292	-196,775	0,000	-0,080	2,148	-12,586	3,371
(palo 1500)	12475	3	4,500	-22,669	-193,914	2,087	-11,972	13,950	-0,168	46,667	0,299	-193,914	0,000	-0,126	2,087	-11,972	3,350
	12476	4	4,500	-22,959	-190,956	2,049	-11,373	14,288	-0,092	46,667	0,306	-190,956	0,000	-0,176	2,049	-11,373	3,312
	12477	5	4,500	-23,249	-187,903	2,034	-10,781	14,626	-0,023	46,667	0,313	-187,903	0,000	-0,233	2,034	-10,781	3,254
EmbeddedBeamRow_1_1	12477	1	4,500	-23,249	-187,901	2,032	-10,781	14,626	-0,023	46,667	0,313	-187,901	0,000	-0,232	2,032	-10,781	3,254
Element 1-18 (Embedded beam row)	12478	2	4,500	-23,542	-184,720	2,036	-10,186	14,966	0,037	46,667	0,321	-184,720	0,000	-0,305	2,036	-10,186	3,176
(palo 1500)	12479	3	4,500	-23,835	-181,437	2,054	-9,587	15,304	0,086	46,667	0,328	-181,437	0,000	-0,378	2,054	-9,587	3,076
	12480	4	4,500	-24,128	-178,056	2,084	-8,981	15,637	0,122	46,667	0,335	-178,056	0,000	-0,452	2,084	-8,981	2,954
	12481	5	4,500	-24,421	-174,580	2,126	-8,366	15,966	0,145	46,667	0,342	-174,580	0,000	-0,525	2,126	-8,366	2,811
EmbeddedBeamRow_1_1	12481	1	4,500	-24,421	-174,579	2,122	-8,366	15,966	0,145	46,667	0,342	-174,579	0,000	-0,524	2,122	-8,366	2,811
Element 1-19 (Embedded beam row)	12482	2	4,500	-24,716	-170,974	2,169	-7,731	16,291	0,154	46,667	0,349	-170,974	0,000	-0,595	2,169	-7,731	2,646
(palo 1500)	12483	3	4,500	-25,012	-167,272	2,214	-7,084	16,608	0,149	46,667	0,356	-167,272	0,000	-0,661	2,214	-7,084	2,460
	12484	4	4,500	-25,307	-163,479	2,254	-6,423	16,915	0,128	46,667	0,362	-163,479	0,000	-0,718	2,254	-6,423	2,256
	12485	5	4,500	-25,603	-159,596	2,290	-5,752	17,211	0,091	46,667	0,369	-159,596	0,000	-0,768	2,290	-5,752	2,036
EmbeddedBeamRow_1_1	12485	1	4,500	-25,603	-159,598	2,285	-5,752	17,211	0,091	46,667	0,369	-159,598	0,000	-0,766	2,285	-5,752	2,036
Element 1-20 (Embedded beam row)	12486	2	4,500	-25,901	-155,591	2,308	-5,066	17,496	0,035	46,667	0,375	-155,591	0,000	-0,804	2,308	-5,066	1,802
(palo 1500)	12487	3	4,500	-26,199	-151,504	2,307	-4,377	17,763	-0,041	46,667	0,381	-151,504	0,000	-0,824	2,307	-4,377	1,559
	12488	4	4,500	-26,498	-147,340	2,279	-3,692	18,008	-0,139	46,667	0,386	-147,340	0,000	-0,825	2,279	-3,692	1,312
	12489	5	4,500	-26,796	-143,104	2,225	-3,020	18,224	-0,249	46,667	0,391	-143,104	0,000	-0,808	2,225	-3,020	1,068
EmbeddedBeamRow_1_1	12489	1	4,500	-26,796	-143,119	2,221	-3,020	18,224	-0,249	46,667	0,391	-143,119	0,000	-0,803	2,221	-3,020	1,068
Element 1-21 (Embedded beam row)	12490	2	4,500	-27,097	-138,762	2,122	-2,365	18,440	-0,431	46,667	0,395	-138,762	0,000	-0,764	2,122	-2,365	0,832
(palo 1500)	12491	3	4,500	-27,398	-134,380	1,963	-1,749	18,539	-0,610	46,667	0,397	-134,380	0,000	-0,700	1,963	-1,749	0,611
	12492	4	4,500	-27,699	-129,981	1,741	-1,189	18,551	-0,853	46,667	0,398	-129,981	0,000	-0,610	1,741	-1,189	0,413

Structural element	Node [10⁻]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N --- [kN/m]	N --- [kN/m]	Q --- [kN/m]	Q --- [kN/m]	M --- [kN m/m]	M --- [kN m/m]
	12493	5	4,500	-28,000	-125,574	1,451	-0,707	18,500	-1,160	46,667	0,396	-125,574	0,000	-0,497	1,451	-0,707	0,246
EmbeddedBeamRow_1_1	12493	1	4,500	-28,000	-125,622	1,441	-0,707	18,500	-1,160	46,667	0,396	-125,622	0,000	-0,499	1,441	-0,707	0,246
Element 1-22 (Embedded beam row)	12494	2	4,500	-28,223	-122,332	1,163	-0,417	18,332	-1,371	46,667	0,393	-122,332	0,000	-0,404	1,163	-0,417	0,145
(palo 1500)	12495	3	4,500	-28,445	-119,203	0,832	-0,194	17,746	-1,592	46,667	0,380	-119,203	0,000	-0,289	0,832	-0,194	0,068
	12496	4	4,500	-28,668	-116,263	0,445	-0,051	16,634	-1,874	46,667	0,356	-116,263	0,000	-0,155	0,445	-0,051	0,018
	12497	5	4,500	-28,890	-113,539	-0,001	0,000	15,144	-2,124	46,667	0,325	-113,539	0,000	-0,003	0,000	0,000	0,000
EmbeddedBeamRow_2_1	12498	1	12,300	-4,890	-198,573	0,814	-11,455	0,000	0,000	46,667	0,000	-199,541	0,000	-1,374	0,814	-11,455	6,243
Element 2-23 (Embedded beam row)	12499	2	12,300	-5,172	-199,755	0,798	-11,228	-0,385	-0,028	46,667	0,008	-200,714	0,000	-1,368	0,798	-11,228	6,329
(palo 1500)	12500	3	12,300	-5,454	-201,008	0,799	-11,003	-0,654	0,041	46,667	0,014	-201,946	0,000	-1,365	0,799	-11,003	6,414
	12501	4	12,300	-5,737	-202,329	0,814	-10,776	-0,860	0,075	46,667	0,018	-203,233	0,000	-1,367	0,814	-10,776	6,490
	12502	5	12,300	-6,019	-203,711	0,842	-10,543	-1,063	0,081	46,667	0,023	-204,571	0,000	-1,372	0,842	-10,543	6,553
EmbeddedBeamRow_2_1	12502	1	12,300	-6,019	-203,713	0,836	-10,543	-1,063	0,081	46,667	0,023	-204,570	0,000	-1,371	0,836	-10,543	6,553
Element 2-24 (Embedded beam row)	12503	2	12,300	-6,267	-204,968	0,857	-10,333	-1,248	0,054	46,667	0,027	-205,774	0,000	-1,375	0,857	-10,333	6,596
(palo 1500)	12504	3	12,300	-6,515	-206,279	0,863	-10,119	-1,457	0,008	46,667	0,031	-207,018	0,000	-1,377	0,863	-10,119	6,625
	12505	4	12,300	-6,763	-207,649	0,853	-9,906	-1,722	-0,080	46,667	0,037	-208,302	0,000	-1,377	0,853	-9,906	6,643
	12506	5	12,300	-7,011	-209,081	0,824	-9,697	-2,115	-0,247	46,667	0,045	-209,626	0,000	-1,373	0,824	-9,697	6,649
EmbeddedBeamRow_2_1	12506	1	12,300	-7,011	-209,095	0,820	-9,697	-4,124	-0,482	46,667	0,088	-209,633	0,000	-1,371	0,820	-9,697	6,649
Element 2-25 (Embedded beam row)	12507	2	12,300	-7,261	-211,087	0,685	-9,509	-3,993	-0,563	46,667	0,086	-211,362	0,000	-1,363	0,685	-9,509	6,644
(palo 1500)	12508	3	12,300	-7,511	-213,054	0,538	-9,356	-3,892	-0,618	46,667	0,083	-213,070	0,000	-1,362	0,538	-9,356	6,621
	12509	4	12,300	-7,761	-214,997	0,379	-9,241	-3,789	-0,654	46,667	0,081	-214,997	0,000	-1,369	0,379	-9,241	6,579
	12510	5	12,300	-8,011	-216,912	0,211	-9,167	-3,674	-0,677	46,667	0,079	-216,912	0,000	-1,384	0,211	-9,167	6,516
EmbeddedBeamRow_2_1	12510	1	12,300	-8,011	-216,911	0,213	-9,167	-3,674	-0,677	46,667	0,079	-216,911	0,000	-1,383	0,213	-9,167	6,516
Element 2-26 (Embedded beam row)	12511	2	12,300	-8,261	-218,797	0,041	-9,135	-3,555	-0,689	46,667	0,076	-218,797	0,000	-1,403	0,041	-9,135	6,430
(palo 1500)	12512	3	12,300	-8,511	-220,652	-0,131	-9,146	-3,427	-0,690	46,667	0,073	-220,652	0,000	-1,425	0,000	-9,146	6,320
	12513	4	12,300	-8,761	-222,474	-0,302	-9,200	-3,292	-0,681	46,667	0,071	-222,474	0,000	-1,450	0,000	-9,200	6,187
	12514	5	12,300	-9,011	-224,261	-0,472	-9,297	-3,148	-0,664	46,667	0,067	-224,261	0,000	-1,477	0,000	-9,297	6,030
EmbeddedBeamRow_2_1	12514	1	12,300	-9,011	-224,260	-0,470	-9,297	-3,148	-0,664	46,667	0,067	-224,260	0,000	-1,476	0,000	-9,297	6,030
Element 2-27 (Embedded beam row)	12515	2	12,300	-9,261	-226,010	-0,635	-9,436	-2,997	-0,640	46,667	0,064	-226,010	0,000	-1,502	0,000	-9,436	5,851
(palo 1500)	12516	3	12,300	-9,511	-227,722	-0,790	-9,614	-2,838	-0,608	46,667	0,061	-227,722	0,000	-1,527	0,000	-9,614	5,649
	12517	4	12,300	-9,761	-229,392	-0,937	-9,830	-2,672	-0,570	46,667	0,057	-229,392	0,000	-1,549	0,000	-9,830	5,425
	12518	5	12,300	-10,011	-231,021	-1,075	-10,082	-2,498	-0,526	46,667	0,054	-231,021	0,000	-1,569	0,000	-10,082	5,183
EmbeddedBeamRow_2_1	12518	1	12,300	-10,011	-231,020	-1,074	-10,082	-2,498	-0,526	46,667	0,054	-231,020	0,000	-1,568	0,000	-10,082	5,183
Element 2-28 (Embedded beam row)	12519	2	12,300	-10,261	-232,604	-1,200	-10,366	-2,319	-0,477	46,667	0,050	-232,604	0,000	-1,583	0,000	-10,366	4,922
(palo 1500)	12520	3	12,300	-10,511	-234,143	-1,313	-10,681	-2,133	-0,424	46,667	0,046	-234,143	0,000	-1,593	0,000	-10,681	4,646
	12521	4	12,300	-10,761	-235,634	-1,412	-11,022	-1,940	-0,367	46,667	0,042	-235,634	0,000	-1,595	0,000	-11,022	4,357
	12522	5	12,300	-11,011	-237,076	-1,497	-11,386	-1,743	-0,307	46,667	0,037	-237,076	0,000	-1,592	0,000	-11,386	4,057

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
EmbeddedBeamRow_2_1	12522	1	12,300	-11,011	-237,076	-1,496	-11,386	-1,743	-0,307	46,667	0,037	-237,076	0,000	-1,591	0,000	-11,386	4,057
Element 2-29 (Embedded beam row)	12523	2	12,300	-11,261	-238,468	-1,565	-11,769	-1,539	-0,243	46,667	0,033	-238,468	0,000	-1,610	0,000	-11,769	3,750
(palo 1500)	12524	3	12,300	-11,511	-239,809	-1,618	-12,167	-1,331	-0,177	46,667	0,029	-239,809	0,000	-1,636	0,000	-12,167	3,440
	12525	4	12,300	-11,761	-241,097	-1,654	-12,576	-1,117	-0,109	46,667	0,024	-241,097	0,000	-1,654	0,000	-12,576	3,130
	12526	5	12,300	-12,011	-242,330	-1,673	-12,993	-0,896	-0,040	46,667	0,019	-242,330	0,000	-1,673	0,000	-12,993	2,825
EmbeddedBeamRow_2_1	12526	1	12,300	-12,011	-242,330	-1,672	-12,993	-1,344	-0,060	46,667	0,029	-242,330	0,000	-1,672	0,000	-12,993	2,825
Element 2-30 (Embedded beam row)	12527	2	12,300	-12,279	-243,692	-1,686	-13,442	-0,987	-0,039	46,667	0,021	-243,692	0,000	-1,686	0,000	-13,442	2,512
(palo 1500)	12528	3	12,300	-12,546	-244,958	-1,693	-13,894	-0,623	-0,017	46,667	0,013	-244,958	0,000	-1,693	0,000	-13,894	2,216
	12529	4	12,300	-12,814	-246,125	-1,695	-14,347	-0,252	0,006	46,667	0,005	-246,125	0,000	-1,695	0,000	-14,347	1,936
	12530	5	12,300	-13,081	-247,193	-1,690	-14,800	0,126	0,031	46,667	0,003	-247,193	0,000	-1,690	0,000	-14,800	1,672
EmbeddedBeamRow_2_1	12530	1	12,300	-13,081	-247,192	-1,690	-14,800	0,126	0,031	46,667	0,003	-247,192	0,000	-1,690	0,000	-14,800	1,672
Element 2-31 (Embedded beam row)	12531	2	12,300	-13,351	-248,167	-1,678	-15,255	0,513	0,056	46,667	0,011	-248,167	0,000	-1,678	0,000	-15,255	1,433
(palo 1500)	12532	3	12,300	-13,621	-249,037	-1,660	-15,706	0,906	0,082	46,667	0,019	-249,037	0,000	-1,660	0,000	-15,706	1,208
	12533	4	12,300	-13,891	-249,799	-1,634	-16,151	1,302	0,108	46,667	0,028	-249,799	0,000	-1,634	0,000	-16,151	0,997
	12534	5	12,300	-14,162	-250,454	-1,601	-16,588	1,703	0,135	46,667	0,036	-250,454	0,000	-1,601	0,000	-16,588	0,797
EmbeddedBeamRow_2_1	12534	1	12,300	-14,162	-250,454	-1,601	-16,588	1,703	0,135	46,667	0,036	-250,454	0,000	-1,601	0,000	-16,588	0,797
Element 2-32 (Embedded beam row)	12535	2	12,300	-14,434	-251,006	-1,561	-17,020	2,110	0,162	46,667	0,045	-251,006	0,000	-1,561	0,000	-17,020	0,608
(palo 1500)	12536	3	12,300	-14,707	-251,445	-1,513	-17,439	2,521	0,189	46,667	0,054	-251,445	0,000	-1,513	0,000	-17,439	0,430
	12537	4	12,300	-14,980	-251,773	-1,458	-17,845	2,933	0,216	46,667	0,063	-251,773	0,000	-1,458	0,000	-17,845	0,262
	12538	5	12,300	-15,253	-251,987	-1,395	-18,234	3,348	0,243	46,667	0,072	-251,987	0,000	-1,395	0,000	-18,234	0,179
EmbeddedBeamRow_2_1	12538	1	12,300	-15,253	-251,987	-1,395	-18,234	3,348	0,243	46,667	0,072	-251,987	0,000	-1,395	0,000	-18,234	0,179
Element 2-33 (Embedded beam row)	12539	2	12,300	-15,528	-252,089	-1,325	-18,609	3,768	0,270	46,667	0,081	-252,089	0,000	-1,325	0,000	-18,609	0,107
(palo 1500)	12540	3	12,300	-15,804	-252,075	-1,247	-18,963	4,189	0,297	46,667	0,090	-252,075	0,000	-1,247	0,000	-18,963	0,041
	12541	4	12,300	-16,079	-251,945	-1,161	-19,295	4,610	0,324	46,667	0,099	-251,945	0,000	-1,161	0,000	-19,295	0,000
	12542	5	12,300	-16,355	-251,698	-1,068	-19,602	5,033	0,351	46,667	0,108	-251,698	0,000	-1,068	0,000	-19,602	0,000
EmbeddedBeamRow_2_1	12542	1	12,300	-16,355	-251,698	-1,068	-19,602	5,033	0,351	46,667	0,108	-251,698	0,000	-1,068	0,000	-19,602	0,000
Element 2-34 (Embedded beam row)	12543	2	12,300	-16,633	-251,331	-0,967	-19,886	5,460	0,378	46,667	0,117	-251,331	0,000	-0,967	0,000	-19,886	0,000
(palo 1500)	12544	3	12,300	-16,912	-250,845	-0,858	-20,140	5,887	0,405	46,667	0,126	-250,845	0,000	-0,858	0,000	-20,140	0,000
	12545	4	12,300	-17,190	-250,240	-0,741	-20,362	6,314	0,432	46,667	0,135	-250,240	0,000	-0,741	0,000	-20,362	0,000
	12546	5	12,300	-17,468	-249,517	-0,617	-20,552	6,741	0,459	46,667	0,144	-249,517	0,000	-0,617	0,000	-20,552	0,000
EmbeddedBeamRow_2_1	12546	1	12,300	-17,468	-249,516	-0,617	-20,552	6,741	0,459	46,667	0,144	-249,516	0,000	-0,617	0,000	-20,552	0,000
Element 2-35 (Embedded beam row)	12547	2	12,300	-17,749	-248,666	-0,484	-20,706	7,171	0,486	46,667	0,154	-248,666	0,000	-0,484	0,000	-20,706	0,000
(palo 1500)	12548	3	12,300	-18,030	-247,693	-0,344	-20,823	7,602	0,512	46,667	0,163	-247,693	0,000	-0,344	0,000	-20,823	0,000
	12549	4	12,300	-18,311	-246,599	-0,196	-20,899	8,032	0,538	46,667	0,172	-246,599	0,000	-0,208	0,000	-20,899	0,000
	12550	5	12,300	-18,593	-245,385	-0,042	-20,933	8,462	0,563	46,667	0,181	-245,385	0,000	-0,177	0,010	-20,933	0,000
EmbeddedBeamRow_2_1	12550	1	12,300	-18,593	-245,385	-0,042	-20,933	8,462	0,563	46,667	0,181	-245,385	0,000	-0,177	0,010	-20,933	0,000

Structural element	Node [10⁻]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N-- - [kN/m]	N--- [kN/m]	Q-- - [kN/m]	Q--- [kN/m]	M- - - [kN m/m]	M--- [kN m/m]
Element 2-36 (Embedded beam row)	12551	2	12,300	-18,876	-244,036	0,122	-20,922	8,896	0,587	46,667	0,191	-244,036	0,000	-0,147	0,149	-20,922	0,000
(palo 1500)	12552	3	12,300	-19,160	-242,564	0,291	-20,863	9,329	0,609	46,667	0,200	-242,564	0,000	-0,117	0,300	-20,863	0,000
	12553	4	12,300	-19,444	-240,969	0,467	-20,756	9,762	0,630	46,667	0,209	-240,969	0,000	-0,087	0,467	-20,756	0,000
	12554	5	12,300	-19,728	-239,252	0,649	-20,597	10,194	0,648	46,667	0,218	-239,252	0,000	-0,057	0,649	-20,597	0,000
EmbeddedBeamRow_2_1	12554	1	12,300	-19,728	-239,251	0,648	-20,597	10,194	0,648	46,667	0,218	-239,251	0,000	-0,057	0,648	-20,597	0,000
Element 2-37 (Embedded beam row)	12555	2	12,300	-20,015	-237,393	0,837	-20,385	10,630	0,664	46,667	0,228	-237,393	0,000	-0,032	0,837	-20,385	0,000
(palo 1500)	12556	3	12,300	-20,301	-235,408	1,029	-20,117	11,064	0,676	46,667	0,237	-235,408	0,000	-0,019	1,029	-20,117	0,000
	12557	4	12,300	-20,588	-233,299	1,224	-19,794	11,498	0,684	46,667	0,246	-233,299	0,000	-0,007	1,224	-19,794	0,000
	12558	5	12,300	-20,875	-231,067	1,421	-19,415	11,931	0,687	46,667	0,256	-231,067	0,000	0,000	1,421	-19,415	0,000
EmbeddedBeamRow_2_1	12558	1	12,300	-20,875	-231,067	1,420	-19,415	11,931	0,687	46,667	0,256	-231,067	0,000	0,000	1,420	-19,415	0,000
Element 2-38 (Embedded beam row)	12559	2	12,300	-21,164	-228,687	1,620	-18,975	12,366	0,686	46,667	0,265	-228,687	0,000	0,000	1,620	-18,975	0,000
(palo 1500)	12560	3	12,300	-21,454	-226,180	1,817	-18,477	12,800	0,678	46,667	0,274	-226,180	0,000	0,000	1,817	-18,477	0,000
	12561	4	12,300	-21,744	-223,547	2,011	-17,923	13,231	0,664	46,667	0,284	-223,547	0,000	0,000	2,011	-17,923	0,000
	12562	5	12,300	-22,033	-220,792	2,202	-17,313	13,660	0,643	46,667	0,293	-220,792	0,000	0,000	2,202	-17,313	0,000
EmbeddedBeamRow_2_1	12562	1	12,300	-22,033	-220,791	2,200	-17,313	13,660	0,643	46,667	0,293	-220,791	0,000	0,000	2,200	-17,313	0,000
Element 2-39 (Embedded beam row)	12563	2	12,300	-22,326	-217,883	2,385	-16,642	14,090	0,614	46,667	0,302	-217,883	0,000	0,000	2,385	-16,642	0,000
(palo 1500)	12564	3	12,300	-22,618	-214,848	2,559	-15,919	14,515	0,577	46,667	0,311	-214,848	0,000	0,000	2,559	-15,919	0,000
	12565	4	12,300	-22,910	-211,689	2,721	-15,146	14,936	0,532	46,667	0,320	-211,689	0,000	0,000	2,721	-15,146	0,000
	12566	5	12,300	-23,203	-208,409	2,870	-14,329	15,352	0,478	46,667	0,329	-208,409	0,000	0,000	2,870	-14,329	0,000
EmbeddedBeamRow_2_1	12566	1	12,300	-23,203	-208,409	2,868	-14,329	15,352	0,478	46,667	0,329	-208,409	0,000	0,000	2,868	-14,329	0,000
Element 2-40 (Embedded beam row)	12567	2	12,300	-23,498	-204,973	3,002	-13,461	15,767	0,416	46,667	0,338	-204,973	0,000	0,000	3,002	-13,461	0,000
(palo 1500)	12568	3	12,300	-23,794	-201,415	3,114	-12,557	16,174	0,346	46,667	0,347	-201,415	0,000	0,000	3,114	-12,557	0,000
	12569	4	12,300	-24,089	-197,738	3,205	-11,623	16,573	0,268	46,667	0,355	-197,738	0,000	0,000	3,205	-11,623	0,000
	12570	5	12,300	-24,384	-193,946	3,273	-10,666	16,963	0,182	46,667	0,363	-193,946	0,000	0,000	3,273	-10,666	0,000
EmbeddedBeamRow_2_1	12570	1	12,300	-24,384	-193,946	3,271	-10,666	16,963	0,182	46,667	0,363	-193,946	0,000	0,000	3,271	-10,666	0,000
Element 2-41 (Embedded beam row)	12571	2	12,300	-24,683	-190,000	3,313	-9,684	17,346	0,089	46,667	0,372	-190,000	0,000	0,000	3,313	-9,684	0,000
(palo 1500)	12572	3	12,300	-24,981	-185,941	3,324	-8,693	17,718	-0,012	46,667	0,380	-185,941	0,000	0,000	3,324	-8,693	0,000
	12573	4	12,300	-25,279	-181,773	3,305	-7,703	18,076	-0,119	46,667	0,387	-181,773	0,000	0,000	3,305	-7,703	0,000
	12574	5	12,300	-25,578	-177,500	3,254	-6,724	18,413	-0,231	46,667	0,395	-177,500	0,000	0,000	3,254	-6,724	0,000
EmbeddedBeamRow_2_1	12574	1	12,300	-25,578	-177,504	3,252	-6,724	18,413	-0,231	46,667	0,395	-177,504	0,000	0,000	3,252	-6,724	0,000
Element 2-42 (Embedded beam row)	12575	2	12,300	-25,879	-173,086	3,166	-5,757	18,739	-0,353	46,667	0,402	-173,086	0,000	0,000	3,166	-5,757	0,000
(palo 1500)	12576	3	12,300	-26,180	-168,579	3,040	-4,821	19,035	-0,478	46,667	0,408	-168,579	0,000	0,000	3,040	-4,821	0,004
	12577	4	12,300	-26,482	-163,989	2,873	-3,929	19,287	-0,624	46,667	0,413	-163,989	0,000	0,000	2,873	-3,929	0,054
	12578	5	12,300	-26,783	-159,323	2,664	-3,094	19,523	-0,740	46,667	0,418	-159,323	0,000	0,000	2,664	-3,094	0,090
EmbeddedBeamRow_2_1	12578	1	12,300	-26,783	-159,338	2,671	-3,094	19,523	-0,740	46,667	0,418	-159,338	0,000	0,000	2,671	-3,094	0,090
Element 2-43 (Embedded beam row)	12579	2	12,300	-27,087	-154,538	2,409	-2,320	19,739	-0,934	46,667	0,423	-154,538	0,000	0,000	2,409	-2,320	0,112

Structural element	Node [10⁻]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N-- [kN/m]	N--- [kN/m]	Q-- [kN/m]	Q--- [kN/m]	M-- [kN m/m]	M--- [kN m/m]
(palo 1500)	12580	3	12,300	-27,391	-149,714	2,104	-1,632	19,838	-1,066	46,667	0,425	-149,714	0,000	-0,007	2,104	-1,632	0,117
	12581	4	12,300	-27,696	-144,873	1,752	-1,044	19,840	-1,238	46,667	0,425	-144,873	0,000	-0,052	1,752	-1,044	0,108
	12582	5	12,300	-28,000	-140,028	1,351	-0,571	19,703	-1,407	46,667	0,422	-140,028	0,000	-0,090	1,351	-0,571	0,086
EmbeddedBeamRow_2_1	12582	1	12,300	-28,000	-140,067	1,368	-0,571	19,703	-1,407	46,667	0,422	-140,067	0,000	-0,078	1,368	-0,571	0,086
Element 2-44 (Embedded beam row)	12583	2	12,300	-28,223	-136,540	0,999	-0,307	19,492	-1,643	46,667	0,418	-136,540	0,000	-0,113	0,999	-0,307	0,065
(palo 1500)	12584	3	12,300	-28,445	-133,135	0,631	-0,126	19,048	-1,739	46,667	0,408	-133,135	0,000	-0,121	0,631	-0,126	0,038
	12585	4	12,300	-28,668	-129,871	0,278	-0,025	18,211	-1,498	46,667	0,390	-129,871	0,000	-0,093	0,278	-0,025	0,014
	12586	5	12,300	-28,890	-126,772	-0,042	0,000	16,908	-0,760	46,667	0,362	-126,772	0,000	-0,042	0,000	0,000	0,000

3.3.2.1.10 Calculation results, Embedded beam row, carico orizz+sisma [Phase_9] (9/34), Table of embedded pile row force envelopes

Structural element	Node [10 ˚]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T--- [kN/m/m]	T---,--- [kN/m/m]	T---,---	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
EmbeddedBeamRow_1_1	12409	1	4,500	-4,890	-186,002	-11,340	39,694	0,000	0,000	46,667	0,000	-194,648	0,000	-11,340	0,000	-4,805	39,694
Element 1-1 (Embedded beam row)	12410	2	4,500	-5,181	-187,388	-11,733	36,343	-1,026	-1,429	46,667	0,022	-195,966	0,000	-11,733	0,000	-5,172	36,343
(palo 1500)	12411	3	4,500	-5,471	-188,884	-12,180	32,867	-1,430	-1,709	46,667	0,031	-197,375	0,000	-12,180	0,000	-5,534	32,867
	12412	4	4,500	-5,762	-190,482	-12,658	29,257	-1,732	-1,651	46,667	0,037	-198,868	0,000	-12,658	0,000	-5,886	29,257
	12413	5	4,500	-6,053	-192,176	-13,148	25,506	-2,118	-1,460	46,667	0,045	-200,436	0,000	-13,148	0,000	-6,225	25,506
EmbeddedBeamRow_1_1	12413	1	4,500	-6,053	-192,176	-13,121	25,506	-4,130	-2,847	46,667	0,088	-200,431	0,000	-13,121	0,000	-6,225	25,506
Element 1-2 (Embedded beam row)	12414	2	4,500	-6,303	-194,233	-13,798	22,140	-4,412	-2,515	46,667	0,095	-202,224	0,000	-13,798	0,000	-6,502	22,140
(palo 1500)	12415	3	4,500	-6,553	-196,347	-14,379	18,615	-4,649	-2,137	46,667	0,100	-204,056	0,000	-14,379	0,000	-6,758	18,615
	12416	4	4,500	-6,803	-198,512	-14,861	14,957	-4,827	-1,725	46,667	0,103	-205,924	0,000	-14,861	0,000	-6,987	14,957
	12417	5	4,500	-7,053	-200,724	-15,242	11,193	-4,945	-1,286	46,667	0,106	-208,054	0,000	-15,242	0,000	-7,185	11,193
EmbeddedBeamRow_1_1	12417	1	4,500	-7,053	-200,713	-15,239	11,193	-4,945	-1,286	46,667	0,106	-208,044	0,000	-15,239	0,000	-7,185	11,193
Element 1-3 (Embedded beam row)	12418	2	4,500	-7,303	-202,947	-15,504	7,348	-5,003	-0,832	46,667	0,107	-210,212	0,000	-15,504	0,000	-7,350	7,348
(palo 1500)	12419	3	4,500	-7,553	-205,179	-15,655	3,450	-5,004	-0,373	46,667	0,107	-212,367	0,000	-15,655	0,000	-7,481	3,450
	12420	4	4,500	-7,803	-207,404	-15,692	-0,472	-4,948	0,082	46,667	0,106	-214,504	0,000	-15,692	0,000	-7,853	0,000
	12421	5	4,500	-8,053	-209,617	-15,614	-4,386	-4,838	0,524	46,667	0,104	-216,620	0,000	-15,614	0,000	-10,221	0,000
EmbeddedBeamRow_1_1	12421	1	4,500	-8,053	-209,608	-15,618	-4,386	-4,838	0,524	46,667	0,104	-216,612	0,000	-15,618	0,000	-10,221	0,000
Element 1-4 (Embedded beam row)	12422	2	4,500	-8,303	-211,786	-15,430	-8,268	-4,679	0,946	46,667	0,100	-218,684	0,000	-15,430	0,001	-13,541	0,000
(palo 1500)	12423	3	4,500	-8,553	-213,911	-15,144	-12,093	-4,474	1,342	46,667	0,096	-220,698	0,000	-15,144	0,115	-16,903	0,000
	12424	4	4,500	-8,803	-215,980	-14,764	-15,834	-4,229	1,705	46,667	0,091	-222,651	0,000	-14,764	0,241	-20,165	0,000
	12425	5	4,500	-9,053	-217,989	-14,291	-19,467	-3,948	2,032	46,667	0,085	-224,539	0,000	-14,291	0,366	-23,306	0,000
EmbeddedBeamRow_1_1	12425	1	4,500	-9,053	-217,984	-14,299	-19,467	-3,948	2,032	46,667	0,085	-224,535	0,000	-14,299	0,365	-23,306	0,000
Element 1-5 (Embedded beam row)	12426	2	4,500	-9,303	-219,917	-13,748	-22,974	-3,638	2,320	46,667	0,078	-226,344	0,000	-13,748	0,482	-26,310	0,000
(palo 1500)	12427	3	4,500	-9,553	-221,767	-13,138	-26,336	-3,304	2,565	46,667	0,071	-228,069	0,000	-13,138	0,590	-29,166	0,000
	12428	4	4,500	-9,803	-223,531	-12,473	-29,540	-2,952	2,765	46,667	0,063	-229,708	0,000	-12,473	0,687	-31,860	0,000
	12429	5	4,500	-10,053	-225,206	-11,755	-32,569	-2,586	2,921	46,667	0,055	-231,259	0,000	-11,755	0,773	-34,384	0,000
EmbeddedBeamRow_1_1	12429	1	4,500	-10,053	-225,205	-11,764	-32,569	-2,586	2,921	46,667	0,055	-231,259	0,000	-11,764	0,773	-34,384	0,000
Element 1-6 (Embedded beam row)	12430	2	4,500	-10,303	-226,786	-11,013	-35,416	-2,212	3,030	46,667	0,047	-232,718	0,000	-11,013	0,847	-36,732	0,000
(palo 1500)	12431	3	4,500	-10,553	-228,274	-10,248	-38,074	-1,836	3,092	46,667	0,039	-234,086	0,000	-10,248	0,907	-38,902	0,000
	12432	4	4,500	-10,803	-229,669	-9,474	-40,540	-1,462	3,107	46,667	0,031	-235,365	0,000	-9,474	0,953	-40,895	0,000
	12433	5	4,500	-11,053	-230,968	-8,694	-42,811	-1,092	3,073	46,667	0,023	-236,553	0,000	-8,694	0,984	-42,811	0,000
EmbeddedBeamRow_1_1	12433	1	4,500	-11,053	-230,971	-8,703	-42,811	-1,638	4,610	46,667	0,035	-236,556	0,000	-8,703	0,983	-42,811	0,000
Element 1-7 (Embedded beam row)	12434	2	4,500	-11,317	-232,363	-7,483	-44,951	-1,050	4,561	46,667	0,023	-237,780	0,000	-7,483	1,020	-44,951	0,000

Structural element	Node [10⁻³]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N-- - [kN/m]	N--- [kN/m]	Q-- - [kN/m]	Q--- [kN/m]	M- - - [kN m/m]	M--- [kN m/m]
(palo 1500)	12435	3	4,500	-11,582	-233,604	-6,289	-46,773	-0,473	4,470	46,667	0,010	-238,861	0,000	-6,289	1,054	-46,773	0,000
	12436	4	4,500	-11,847	-234,694	-5,124	-48,283	0,092	4,339	46,667	0,002	-239,798	0,000	-5,124	1,085	-48,283	0,000
	12437	5	4,500	-12,111	-235,633	-3,992	-49,488	0,642	4,175	46,667	0,014	-240,591	0,000	-3,992	1,113	-49,488	0,000
EmbeddedBeamRow_1_1	12437	1	4,500	-12,111	-235,637	-3,998	-49,488	0,642	4,175	46,667	0,014	-240,594	0,000	-3,998	1,113	-49,488	0,000
Element 1-8 (Embedded beam row)	12438	2	4,500	-12,378	-236,439	-2,906	-50,408	1,181	3,980	46,667	0,025	-241,255	0,000	-2,906	1,137	-50,408	0,000
(palo 1500)	12439	3	4,500	-12,645	-237,103	-1,872	-51,045	1,702	3,763	46,667	0,036	-241,785	0,000	-1,872	1,157	-51,045	0,000
	12440	4	4,500	-12,912	-237,631	-0,898	-51,413	2,206	3,529	46,667	0,047	-242,183	0,000	-0,898	1,174	-51,413	0,000
	12441	5	4,500	-13,179	-238,022	0,013	-51,530	2,693	3,283	46,667	0,058	-242,450	0,000	0,000	1,186	-51,530	0,000
EmbeddedBeamRow_1_1	12441	1	4,500	-13,179	-238,026	0,012	-51,530	2,693	3,283	46,667	0,058	-242,454	0,000	0,000	1,186	-51,530	0,000
Element 1-9 (Embedded beam row)	12442	2	4,500	-13,449	-238,291	0,862	-51,411	3,167	3,026	46,667	0,068	-242,600	0,000	0,000	1,483	-51,411	0,000
(palo 1500)	12443	3	4,500	-13,718	-238,435	1,643	-51,071	3,624	2,763	46,667	0,078	-242,628	0,000	0,000	2,155	-51,071	0,000
	12444	4	4,500	-13,988	-238,458	2,352	-50,531	4,065	2,499	46,667	0,087	-242,540	0,000	0,000	2,762	-50,531	0,000
	12445	5	4,500	-14,258	-238,360	2,990	-49,810	4,491	2,236	46,667	0,096	-242,335	0,000	0,000	3,305	-49,810	0,000
EmbeddedBeamRow_1_1	12445	1	4,500	-14,258	-238,364	2,991	-49,810	4,491	2,236	46,667	0,096	-242,338	0,000	0,000	3,306	-49,810	0,000
Element 1-10 (Embedded beam row)	12446	2	4,500	-14,530	-238,151	3,562	-48,918	4,906	1,974	46,667	0,105	-242,022	0,000	0,000	3,788	-48,918	0,000
(palo 1500)	12447	3	4,500	-14,802	-237,831	4,064	-47,879	5,306	1,716	46,667	0,114	-241,600	0,000	0,000	4,209	-47,879	0,000
	12448	4	4,500	-15,074	-237,403	4,497	-46,712	5,694	1,466	46,667	0,122	-241,075	0,000	0,000	4,566	-46,712	0,000
	12449	5	4,500	-15,346	-236,870	4,861	-45,438	6,068	1,223	46,667	0,130	-240,447	0,000	0,000	4,862	-45,438	0,000
EmbeddedBeamRow_1_1	12449	1	4,500	-15,346	-236,872	4,863	-45,438	6,068	1,223	46,667	0,130	-240,449	0,000	0,000	4,864	-45,438	0,000
Element 1-11 (Embedded beam row)	12450	2	4,500	-15,620	-236,232	5,165	-44,061	6,434	0,988	46,667	0,138	-239,716	0,000	0,000	5,165	-44,061	0,000
(palo 1500)	12451	3	4,500	-15,895	-235,496	5,406	-42,608	6,787	0,763	46,667	0,145	-238,889	0,000	0,000	5,406	-42,608	0,000
	12452	4	4,500	-16,169	-234,664	5,586	-41,097	7,129	0,549	46,667	0,153	-237,969	0,000	0,000	5,586	-41,097	0,000
	12453	5	4,500	-16,444	-233,737	5,707	-39,546	7,461	0,347	46,667	0,160	-236,957	0,000	0,000	5,707	-39,546	0,104
EmbeddedBeamRow_1_1	12453	1	4,500	-16,444	-233,739	5,710	-39,546	7,461	0,347	46,667	0,160	-236,958	0,000	0,000	5,710	-39,546	0,104
Element 1-12 (Embedded beam row)	12454	2	4,500	-16,721	-232,714	5,777	-37,954	7,784	0,156	46,667	0,167	-235,848	0,000	0,000	5,777	-37,954	0,395
(palo 1500)	12455	3	4,500	-16,998	-231,602	5,796	-36,349	8,097	-0,022	46,667	0,174	-234,653	0,000	0,000	5,796	-36,349	0,677
	12456	4	4,500	-17,275	-230,405	5,768	-34,746	8,399	-0,185	46,667	0,180	-233,375	0,000	0,000	5,768	-34,746	0,948
	12457	5	4,500	-17,552	-229,124	5,693	-33,157	8,692	-0,334	46,667	0,186	-232,014	0,000	0,000	5,693	-33,157	1,208
EmbeddedBeamRow_1_1	12457	1	4,500	-17,552	-229,125	5,697	-33,157	8,692	-0,334	46,667	0,186	-232,015	0,000	0,000	5,697	-33,157	1,208
Element 1-13 (Embedded beam row)	12458	2	4,500	-17,832	-227,752	5,582	-31,580	8,977	-0,467	46,667	0,192	-230,563	0,000	0,000	5,582	-31,580	1,458
(palo 1500)	12459	3	4,500	-18,111	-226,301	5,435	-30,039	9,254	-0,584	46,667	0,198	-229,035	0,000	0,000	5,435	-30,039	1,695
	12460	4	4,500	-18,391	-224,774	5,259	-28,542	9,522	-0,682	46,667	0,204	-227,432	0,000	0,000	5,259	-28,542	1,918
	12461	5	4,500	-18,671	-223,172	5,053	-27,100	9,782	-0,761	46,667	0,210	-225,756	0,000	0,000	5,053	-27,100	2,126
EmbeddedBeamRow_1_1	12461	1	4,500	-18,671	-223,172	5,058	-27,100	9,782	-0,761	46,667	0,210	-225,756	0,000	0,000	5,058	-27,100	2,126
Element 1-14 (Embedded beam row)	12462	2	4,500	-18,953	-221,484	4,831	-25,705	10,040	-0,821	46,667	0,215	-223,994	0,000	0,000	4,831	-25,705	2,321
(palo 1500)	12463	3	4,500	-19,235	-219,722	4,594	-24,375	10,293	-0,860	46,667	0,221	-222,160	0,000	0,000	4,594	-24,375	2,499

Structural element	Node [10⁻³]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
	12464	4	4,500	-19,517	-217,890	4,349	-23,112	10,544	-0,879	46,667	0,226	-220,256	0,000	0,000	4,349	-23,112	2,661
	12465	5	4,500	-19,799	-215,988	4,098	-21,920	10,795	-0,877	46,667	0,231	-218,284	0,000	0,000	4,098	-21,920	2,806
EmbeddedBeamRow_1_1	12465	1	4,500	-19,799	-215,987	4,102	-21,920	10,795	-0,877	46,667	0,231	-218,283	0,000	0,000	4,102	-21,920	2,806
Element 1-15 (Embedded beam row)	12466	2	4,500	-20,084	-213,996	3,852	-20,788	11,050	-0,856	46,667	0,237	-216,223	0,000	0,000	3,852	-20,788	2,936
(palo 1500)	12467	3	4,500	-20,369	-211,929	3,614	-19,725	11,311	-0,818	46,667	0,242	-214,088	0,000	0,000	3,614	-19,725	3,048
	12468	4	4,500	-20,654	-209,787	3,389	-18,727	11,579	-0,764	46,667	0,248	-211,878	0,000	0,000	3,389	-18,727	3,143
	12469	5	4,500	-20,939	-207,571	3,178	-17,793	11,856	-0,698	46,667	0,254	-209,596	0,000	0,000	3,178	-17,793	3,222
EmbeddedBeamRow_1_1	12469	1	4,500	-20,939	-207,567	3,180	-17,793	11,856	-0,698	46,667	0,254	-209,593	0,000	0,000	3,180	-17,793	3,222
Element 1-16 (Embedded beam row)	12470	2	4,500	-21,226	-205,250	2,990	-16,907	12,145	-0,623	46,667	0,260	-207,210	0,000	-0,004	2,990	-16,907	3,285
(palo 1500)	12471	3	4,500	-21,514	-202,843	2,822	-16,072	12,445	-0,542	46,667	0,267	-204,739	0,000	-0,026	2,822	-16,072	3,331
	12472	4	4,500	-21,801	-200,349	2,678	-15,281	12,755	-0,459	46,667	0,273	-202,182	0,000	-0,046	2,678	-15,281	3,360
	12473	5	4,500	-22,089	-197,768	2,558	-14,529	13,076	-0,374	46,667	0,280	-199,539	0,000	-0,064	2,558	-14,529	3,374
EmbeddedBeamRow_1_1	12473	1	4,500	-22,089	-197,765	2,558	-14,529	13,076	-0,374	46,667	0,280	-199,536	0,000	-0,064	2,558	-14,529	3,374
Element 1-17 (Embedded beam row)	12474	2	4,500	-22,379	-195,065	2,462	-13,802	13,407	-0,292	46,667	0,287	-196,775	0,000	-0,080	2,462	-13,802	3,371
(palo 1500)	12475	3	4,500	-22,669	-192,265	2,389	-13,099	13,745	-0,209	46,667	0,295	-193,914	0,000	-0,126	2,389	-13,099	3,350
	12476	4	4,500	-22,959	-189,366	2,340	-12,413	14,086	-0,130	46,667	0,302	-190,956	0,000	-0,176	2,340	-12,413	3,312
	12477	5	4,500	-23,249	-186,370	2,314	-11,738	14,428	-0,058	46,667	0,309	-187,903	0,000	-0,233	2,314	-11,738	3,254
EmbeddedBeamRow_1_1	12477	1	4,500	-23,249	-186,369	2,312	-11,738	14,428	-0,058	46,667	0,309	-187,901	0,000	-0,232	2,312	-11,738	3,254
Element 1-18 (Embedded beam row)	12478	2	4,500	-23,542	-183,245	2,306	-11,063	14,773	0,004	46,667	0,317	-184,720	0,000	-0,305	2,306	-11,063	3,176
(palo 1500)	12479	3	4,500	-23,835	-180,018	2,314	-10,387	15,116	0,053	46,667	0,324	-181,437	0,000	-0,378	2,314	-10,387	3,076
	12480	4	4,500	-24,128	-176,691	2,335	-9,706	15,455	0,090	46,667	0,331	-178,056	0,000	-0,452	2,335	-9,706	2,954
	12481	5	4,500	-24,421	-173,267	2,367	-9,018	15,787	0,114	46,667	0,338	-174,580	0,000	-0,525	2,367	-9,018	2,811
EmbeddedBeamRow_1_1	12481	1	4,500	-24,421	-173,267	2,364	-9,018	15,787	0,114	46,667	0,338	-174,579	0,000	-0,524	2,364	-9,018	2,811
Element 1-19 (Embedded beam row)	12482	2	4,500	-24,716	-169,714	2,402	-8,314	16,116	0,122	46,667	0,345	-170,974	0,000	-0,595	2,402	-8,314	2,646
(palo 1500)	12483	3	4,500	-25,012	-166,063	2,436	-7,599	16,437	0,115	46,667	0,352	-167,272	0,000	-0,661	2,436	-7,599	2,460
	12484	4	4,500	-25,307	-162,319	2,467	-6,874	16,749	0,093	46,667	0,359	-163,479	0,000	-0,718	2,467	-6,874	2,256
	12485	5	4,500	-25,603	-158,485	2,492	-6,141	17,049	0,054	46,667	0,365	-159,596	0,000	-0,768	2,492	-6,141	2,036
EmbeddedBeamRow_1_1	12485	1	4,500	-25,603	-158,487	2,487	-6,141	17,049	0,054	46,667	0,365	-159,598	0,000	-0,766	2,487	-6,141	2,036
Element 1-20 (Embedded beam row)	12486	2	4,500	-25,901	-154,528	2,499	-5,397	17,338	-0,004	46,667	0,372	-155,591	0,000	-0,804	2,499	-5,397	1,802
(palo 1500)	12487	3	4,500	-26,199	-150,487	2,485	-4,653	17,610	-0,083	46,667	0,377	-151,504	0,000	-0,824	2,485	-4,653	1,559
	12488	4	4,500	-26,498	-146,368	2,445	-3,917	17,860	-0,184	46,667	0,383	-147,340	0,000	-0,825	2,445	-3,917	1,312
	12489	5	4,500	-26,796	-142,176	2,376	-3,198	18,080	-0,298	46,667	0,387	-143,104	0,000	-0,808	2,376	-3,198	1,068
EmbeddedBeamRow_1_1	12489	1	4,500	-26,796	-142,191	2,372	-3,198	18,080	-0,298	46,667	0,387	-143,119	0,000	-0,803	2,372	-3,198	1,068
Element 1-21 (Embedded beam row)	12490	2	4,500	-27,097	-137,877	2,257	-2,500	18,301	-0,486	46,667	0,392	-138,762	0,000	-0,764	2,257	-2,500	0,832
(palo 1500)	12491	3	4,500	-27,398	-133,536	2,081	-1,845	18,405	-0,669	46,667	0,394	-134,380	0,000	-0,700	2,081	-1,845	0,611
	12492	4	4,500	-27,699	-129,177	1,840	-1,253	18,422	-0,919	46,667	0,395	-129,981	0,000	-0,610	1,840	-1,253	0,413

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N-- - [kN/m]	N --- [kN/m]	Q - -- [kN/m]	Q --- [kN/m]	M - - - [kN m/m]	M --- [kN m/m]
	12493	5	4,500	-28,000	-124,808	1,530	-0,744	18,376	-1,234	46,667	0,394	-125,574	0,000	-0,497	1,530	-0,744	0,246
EmbeddedBeamRow_1_1	12493	1	4,500	-28,000	-124,856	1,519	-0,744	18,376	-1,234	46,667	0,394	-125,622	0,000	-0,499	1,519	-0,744	0,246
Element 1-22 (Embedded beam row)	12494	2	4,500	-28,223	-121,593	1,224	-0,438	18,214	-1,452	46,667	0,390	-122,332	0,000	-0,404	1,224	-0,438	0,145
(palo 1500)	12495	3	4,500	-28,445	-118,489	0,874	-0,203	17,634	-1,679	46,667	0,378	-119,203	0,000	-0,289	0,874	-0,203	0,068
	12496	4	4,500	-28,668	-115,573	0,467	-0,053	16,533	-1,969	46,667	0,354	-116,263	0,000	-0,155	0,467	-0,053	0,018
	12497	5	4,500	-28,890	-112,871	-0,001	0,000	15,054	-2,228	46,667	0,323	-113,539	0,000	-0,003	0,000	0,000	0,000
EmbeddedBeamRow_2_1	12498	1	12,300	-4,890	-197,494	-1,577	-1,120	0,000	0,000	46,667	0,000	-199,541	0,000	-1,577	0,814	-11,455	6,243
Element 2-23 (Embedded beam row)	12499	2	12,300	-5,172	-198,670	-1,578	-1,566	-0,350	0,038	46,667	0,008	-200,714	0,000	-1,578	0,798	-11,228	6,329
(palo 1500)	12500	3	12,300	-5,454	-199,909	-1,555	-2,008	-0,585	0,132	46,667	0,013	-201,946	0,000	-1,555	0,799	-11,003	6,414
	12501	4	12,300	-5,737	-201,208	-1,512	-2,442	-0,771	0,182	46,667	0,017	-203,233	0,000	-1,512	0,814	-10,776	6,490
	12502	5	12,300	-6,019	-202,562	-1,451	-2,860	-0,962	0,203	46,667	0,021	-204,571	0,000	-1,451	0,842	-10,543	6,553
EmbeddedBeamRow_2_1	12502	1	12,300	-6,019	-202,565	-1,457	-2,860	-0,962	0,203	46,667	0,021	-204,570	0,000	-1,457	0,836	-10,543	6,553
Element 2-24 (Embedded beam row)	12503	2	12,300	-6,267	-203,793	-1,405	-3,215	-1,138	0,185	46,667	0,024	-205,774	0,000	-1,405	0,857	-10,333	6,596
(palo 1500)	12504	3	12,300	-6,515	-205,076	-1,365	-3,558	-1,337	0,148	46,667	0,029	-207,018	0,000	-1,377	0,863	-10,119	6,625
	12505	4	12,300	-6,763	-206,417	-1,338	-3,893	-1,602	0,073	46,667	0,034	-208,302	0,000	-1,377	0,853	-9,906	6,643
	12506	5	12,300	-7,011	-207,818	-1,328	-4,223	-2,061	-0,065	46,667	0,044	-209,626	0,000	-1,373	0,824	-9,697	6,649
EmbeddedBeamRow_2_1	12506	1	12,300	-7,011	-207,838	-1,331	-4,223	-4,020	-0,127	46,667	0,086	-209,633	0,000	-1,371	0,820	-9,697	6,649
Element 2-25 (Embedded beam row)	12507	2	12,300	-7,261	-209,804	-1,379	-4,562	-3,895	-0,223	46,667	0,083	-211,362	0,000	-1,379	0,685	-9,509	6,644
(palo 1500)	12508	3	12,300	-7,511	-211,749	-1,443	-4,914	-3,804	-0,289	46,667	0,082	-213,070	0,000	-1,443	0,538	-9,356	6,621
	12509	4	12,300	-7,761	-213,671	-1,520	-5,285	-3,715	-0,335	46,667	0,080	-214,997	0,000	-1,520	0,379	-9,241	6,579
	12510	5	12,300	-8,011	-215,569	-1,611	-5,676	-3,613	-0,366	46,667	0,077	-216,912	0,000	-1,611	0,211	-9,167	6,516
EmbeddedBeamRow_2_1	12510	1	12,300	-8,011	-215,568	-1,608	-5,676	-3,613	-0,366	46,667	0,077	-216,911	0,000	-1,608	0,213	-9,167	6,516
Element 2-26 (Embedded beam row)	12511	2	12,300	-8,261	-217,440	-1,704	-6,089	-3,506	-0,386	46,667	0,075	-218,797	0,000	-1,704	0,041	-9,135	6,430
(palo 1500)	12512	3	12,300	-8,511	-219,285	-1,801	-6,527	-3,392	-0,395	46,667	0,073	-220,652	0,000	-1,801	0,000	-9,146	6,320
	12513	4	12,300	-8,761	-221,099	-1,900	-6,990	-3,269	-0,394	46,667	0,070	-222,474	0,000	-1,900	0,000	-9,200	6,187
	12514	5	12,300	-9,011	-222,882	-1,998	-7,477	-3,137	-0,384	46,667	0,067	-224,261	0,000	-1,998	0,000	-9,297	6,030
EmbeddedBeamRow_2_1	12514	1	12,300	-9,011	-222,882	-1,997	-7,477	-3,137	-0,384	46,667	0,067	-224,260	0,000	-1,997	0,000	-9,297	6,030
Element 2-27 (Embedded beam row)	12515	2	12,300	-9,261	-224,631	-2,092	-7,988	-2,998	-0,366	46,667	0,064	-226,010	0,000	-2,092	0,000	-9,436	5,851
(palo 1500)	12516	3	12,300	-9,511	-226,344	-2,180	-8,523	-2,850	-0,341	46,667	0,061	-227,722	0,000	-2,180	0,000	-9,614	5,649
	12517	4	12,300	-9,761	-228,018	-2,261	-9,078	-2,693	-0,308	46,667	0,058	-229,392	0,000	-2,261	0,000	-9,830	5,425
	12518	5	12,300	-10,011	-229,654	-2,334	-9,652	-2,529	-0,269	46,667	0,054	-231,021	0,000	-2,334	0,000	-10,082	5,183
EmbeddedBeamRow_2_1	12518	1	12,300	-10,011	-229,653	-2,333	-9,652	-2,529	-0,269	46,667	0,054	-231,020	0,000	-2,333	0,000	-10,082	5,183
Element 2-28 (Embedded beam row)	12519	2	12,300	-10,261	-231,246	-2,396	-10,244	-2,358	-0,225	46,667	0,051	-232,604	0,000	-2,396	0,000	-10,366	4,922
(palo 1500)	12520	3	12,300	-10,511	-232,795	-2,446	-10,849	-2,180	-0,175	46,667	0,047	-234,143	0,000	-2,446	0,000	-10,849	4,646
	12521	4	12,300	-10,761	-234,299	-2,483	-11,466	-1,994	-0,121	46,667	0,043	-235,634	0,000	-2,483	0,000	-11,466	4,357
	12522	5	12,300	-11,011	-235,756	-2,506	-12,089	-1,803	-0,063	46,667	0,039	-237,076	0,000	-2,506	0,000	-12,089	4,057

Structural element	Node [10⁻³]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T,max [kN/m/m]	T,min [kN/m/m]	T,mean [kN/m/m]	T,delta	N,max [kN/m]	N,min [kN/m]	Q,max [kN/m]	Q,min [kN/m]	M,max [kN m/m]	M,min [kN m/m]
EmbeddedBeamRow_2_1	12522	1	12,300	-11,011	-235,755	-2,505	-12,089	-1,803	-0,063	46,667	0,039	-237,076	0,000	-2,505	0,000	-12,089	4,057
Element 2-29 (Embedded beam row)	12523	2	12,300	-11,261	-237,163	-2,514	-12,717	-1,604	-0,001	46,667	0,034	-238,468	0,000	-2,514	0,000	-12,717	3,750
(palo 1500)	12524	3	12,300	-11,511	-238,520	-2,506	-13,345	-1,400	0,064	46,667	0,030	-239,809	0,000	-2,506	0,000	-13,345	3,440
	12525	4	12,300	-11,761	-239,826	-2,481	-13,969	-1,189	0,132	46,667	0,025	-241,097	0,000	-2,481	0,000	-13,969	3,130
	12526	5	12,300	-12,011	-241,078	-2,440	-14,584	-0,970	0,202	46,667	0,021	-242,330	0,000	-2,440	0,000	-14,584	2,825
EmbeddedBeamRow_2_1	12526	1	12,300	-12,011	-241,077	-2,439	-14,584	-1,455	0,302	46,667	0,031	-242,330	0,000	-2,439	0,000	-14,584	2,825
Element 2-30 (Embedded beam row)	12527	2	12,300	-12,279	-242,471	-2,360	-15,226	-1,104	0,298	46,667	0,024	-243,692	0,000	-2,360	0,000	-15,226	2,512
(palo 1500)	12528	3	12,300	-12,546	-243,769	-2,280	-15,846	-0,746	0,297	46,667	0,016	-244,958	0,000	-2,280	0,000	-15,846	2,216
	12529	4	12,300	-12,814	-244,969	-2,200	-16,446	-0,379	0,299	46,667	0,008	-246,125	0,000	-2,200	0,000	-16,446	1,936
	12530	5	12,300	-13,081	-246,072	-2,120	-17,023	-0,006	0,302	46,667	0,000	-247,193	0,000	-2,120	0,000	-17,023	1,672
EmbeddedBeamRow_2_1	12530	1	12,300	-13,081	-246,071	-2,120	-17,023	-0,006	0,302	46,667	0,000	-247,192	0,000	-2,120	0,000	-17,023	1,672
Element 2-31 (Embedded beam row)	12531	2	12,300	-13,351	-247,082	-2,038	-17,585	0,378	0,308	46,667	0,008	-248,167	0,000	-2,038	0,000	-17,585	1,433
(palo 1500)	12532	3	12,300	-13,621	-247,988	-1,954	-18,124	0,768	0,315	46,667	0,016	-249,037	0,000	-1,954	0,000	-18,124	1,208
	12533	4	12,300	-13,891	-248,788	-1,868	-18,640	1,163	0,323	46,667	0,025	-249,799	0,000	-1,868	0,000	-18,640	0,997
	12534	5	12,300	-14,162	-249,481	-1,779	-19,133	1,562	0,333	46,667	0,033	-250,454	0,000	-1,779	0,000	-19,133	0,797
EmbeddedBeamRow_2_1	12534	1	12,300	-14,162	-249,481	-1,779	-19,133	1,562	0,333	46,667	0,033	-250,454	0,000	-1,779	0,000	-19,133	0,797
Element 2-32 (Embedded beam row)	12535	2	12,300	-14,434	-250,071	-1,687	-19,606	1,969	0,344	46,667	0,042	-251,006	0,000	-1,687	0,000	-19,606	0,608
(palo 1500)	12536	3	12,300	-14,707	-250,549	-1,592	-20,053	2,379	0,355	46,667	0,051	-251,445	0,000	-1,592	0,000	-20,053	0,430
	12537	4	12,300	-14,980	-250,915	-1,493	-20,474	2,792	0,368	46,667	0,060	-251,773	0,000	-1,493	0,000	-20,474	0,262
	12538	5	12,300	-15,253	-251,168	-1,391	-20,867	3,208	0,382	46,667	0,069	-251,987	0,000	-1,398	0,000	-20,867	0,179
EmbeddedBeamRow_2_1	12538	1	12,300	-15,253	-251,168	-1,391	-20,867	3,208	0,382	46,667	0,069	-251,987	0,000	-1,397	0,000	-20,867	0,179
Element 2-33 (Embedded beam row)	12539	2	12,300	-15,528	-251,308	-1,284	-21,236	3,629	0,396	46,667	0,078	-252,089	0,000	-1,325	0,000	-21,236	0,107
(palo 1500)	12540	3	12,300	-15,804	-251,332	-1,172	-21,574	4,051	0,411	46,667	0,087	-252,075	0,000	-1,247	0,000	-21,574	0,041
	12541	4	12,300	-16,079	-251,239	-1,057	-21,882	4,475	0,427	46,667	0,096	-251,945	0,000	-1,161	0,000	-21,882	0,000
	12542	5	12,300	-16,355	-251,030	-0,937	-22,156	4,900	0,444	46,667	0,105	-251,698	0,000	-1,068	0,000	-22,156	0,000
EmbeddedBeamRow_2_1	12542	1	12,300	-16,355	-251,030	-0,937	-22,156	4,900	0,444	46,667	0,105	-251,698	0,000	-1,068	0,000	-22,156	0,000
Element 2-34 (Embedded beam row)	12543	2	12,300	-16,633	-250,700	-0,811	-22,400	5,329	0,461	46,667	0,114	-251,331	0,000	-0,967	0,000	-22,400	0,000
(palo 1500)	12544	3	12,300	-16,912	-250,250	-0,680	-22,607	5,759	0,479	46,667	0,123	-250,845	0,000	-0,858	0,000	-22,607	0,000
	12545	4	12,300	-17,190	-249,680	-0,544	-22,778	6,189	0,497	46,667	0,133	-250,240	0,000	-0,741	0,000	-22,778	0,000
	12546	5	12,300	-17,468	-248,991	-0,403	-22,910	6,619	0,516	46,667	0,142	-249,517	0,000	-0,617	0,000	-22,910	0,000
EmbeddedBeamRow_2_1	12546	1	12,300	-17,468	-248,991	-0,403	-22,910	6,619	0,516	46,667	0,142	-249,516	0,000	-0,617	0,000	-22,910	0,000
Element 2-35 (Embedded beam row)	12547	2	12,300	-17,749	-248,173	-0,256	-23,003	7,053	0,536	46,667	0,151	-248,666	0,000	-0,484	0,000	-23,003	0,000
(palo 1500)	12548	3	12,300	-18,030	-247,234	-0,102	-23,053	7,487	0,555	46,667	0,160	-247,693	0,000	-0,344	0,000	-23,053	0,000
	12549	4	12,300	-18,311	-246,172	0,057	-23,060	7,921	0,574	46,667	0,170	-246,599	0,000	-0,208	0,057	-23,060	0,000
	12550	5	12,300	-18,593	-244,989	0,221	-23,021	8,354	0,593	46,667	0,179	-245,385	0,000	-0,177	0,221	-23,021	0,000
EmbeddedBeamRow_2_1	12550	1	12,300	-18,593	-244,988	0,220	-23,021	8,354	0,593	46,667	0,179	-245,385	0,000	-0,177	0,220	-23,021	0,000

Structural element	Node [10⁻³]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
Element 2-36 (Embedded beam row)	12551	2	12,300	-18,876	-243,670	0,392	-22,934	8,792	0,612	46,667	0,188	-244,036	0,000	-0,147	0,392	-22,934	0,000
(palo 1500)	12552	3	12,300	-19,160	-242,226	0,568	-22,798	9,229	0,629	46,667	0,198	-242,564	0,000	-0,117	0,568	-22,798	0,000
	12553	4	12,300	-19,444	-240,659	0,748	-22,611	9,666	0,645	46,667	0,207	-240,969	0,000	-0,087	0,748	-22,611	0,000
	12554	5	12,300	-19,728	-238,969	0,934	-22,373	10,102	0,658	46,667	0,216	-239,252	0,000	-0,057	0,934	-22,373	0,000
EmbeddedBeamRow_2_1	12554	1	12,300	-19,728	-238,968	0,933	-22,373	10,102	0,658	46,667	0,216	-239,251	0,000	-0,057	0,933	-22,373	0,000
Element 2-37 (Embedded beam row)	12555	2	12,300	-20,015	-237,135	1,124	-22,078	10,541	0,670	46,667	0,226	-237,393	0,000	-0,032	1,124	-22,078	0,000
(palo 1500)	12556	3	12,300	-20,301	-235,176	1,317	-21,728	10,980	0,678	46,667	0,235	-235,408	0,000	-0,019	1,317	-21,728	0,000
	12557	4	12,300	-20,588	-233,090	1,512	-21,322	11,418	0,682	46,667	0,245	-233,299	0,000	-0,007	1,512	-21,322	0,000
	12558	5	12,300	-20,875	-230,881	1,708	-20,861	11,855	0,682	46,667	0,254	-231,067	0,000	0,000	1,708	-20,861	0,000
EmbeddedBeamRow_2_1	12558	1	12,300	-20,875	-230,880	1,707	-20,861	11,855	0,682	46,667	0,254	-231,067	0,000	0,000	1,707	-20,861	0,000
Element 2-38 (Embedded beam row)	12559	2	12,300	-21,164	-228,522	1,905	-20,338	12,294	0,677	46,667	0,263	-228,687	0,000	0,000	1,905	-20,338	0,000
(palo 1500)	12560	3	12,300	-21,454	-226,035	2,099	-19,758	12,731	0,666	46,667	0,273	-226,180	0,000	0,000	2,099	-19,758	0,000
	12561	4	12,300	-21,744	-223,422	2,289	-19,122	13,166	0,648	46,667	0,282	-223,547	0,000	0,000	2,289	-19,122	0,000
	12562	5	12,300	-22,033	-220,685	2,475	-18,433	13,599	0,624	46,667	0,291	-220,792	0,000	0,000	2,475	-18,433	0,000
EmbeddedBeamRow_2_1	12562	1	12,300	-22,033	-220,684	2,473	-18,433	13,599	0,624	46,667	0,291	-220,791	0,000	0,000	2,473	-18,433	0,000
Element 2-39 (Embedded beam row)	12563	2	12,300	-22,326	-217,793	2,652	-17,683	14,032	0,592	46,667	0,301	-217,883	0,000	0,000	2,652	-17,683	0,000
(palo 1500)	12564	3	12,300	-22,618	-214,775	2,820	-16,882	14,461	0,553	46,667	0,310	-214,848	0,000	0,000	2,820	-16,882	0,000
	12565	4	12,300	-22,910	-211,631	2,974	-16,035	14,886	0,505	46,667	0,319	-211,689	0,000	0,000	2,974	-16,035	0,000
	12566	5	12,300	-23,203	-208,365	3,116	-15,144	15,305	0,450	46,667	0,328	-208,409	0,000	0,000	3,116	-15,144	0,000
EmbeddedBeamRow_2_1	12566	1	12,300	-23,203	-208,365	3,114	-15,144	15,305	0,450	46,667	0,328	-208,409	0,000	0,000	3,114	-15,144	0,000
Element 2-40 (Embedded beam row)	12567	2	12,300	-23,498	-204,943	3,239	-14,206	15,723	0,386	46,667	0,337	-204,978	0,000	0,000	3,239	-14,206	0,000
(palo 1500)	12568	3	12,300	-23,794	-201,398	3,342	-13,233	16,133	0,315	46,667	0,346	-201,426	0,000	0,000	3,342	-13,233	0,000
	12569	4	12,300	-24,089	-197,733	3,423	-12,233	16,535	0,236	46,667	0,354	-197,755	0,000	0,000	3,423	-12,233	0,000
	12570	5	12,300	-24,384	-193,950	3,481	-11,213	16,929	0,150	46,667	0,363	-193,966	0,000	0,000	3,481	-11,213	0,000
EmbeddedBeamRow_2_1	12570	1	12,300	-24,384	-193,951	3,480	-11,213	16,929	0,150	46,667	0,363	-193,967	0,000	0,000	3,480	-11,213	0,000
Element 2-41 (Embedded beam row)	12571	2	12,300	-24,683	-190,014	3,512	-10,170	17,315	0,055	46,667	0,371	-190,027	0,000	0,000	3,512	-10,170	0,000
(palo 1500)	12572	3	12,300	-24,981	-185,964	3,513	-9,121	17,689	-0,045	46,667	0,379	-185,975	0,000	0,000	3,513	-9,121	0,000
	12573	4	12,300	-25,279	-181,804	3,483	-8,076	18,050	-0,152	46,667	0,387	-181,814	0,000	0,000	3,483	-8,076	0,000
	12574	5	12,300	-25,578	-177,539	3,422	-7,046	18,390	-0,265	46,667	0,394	-177,547	0,000	0,000	3,422	-7,046	0,000
EmbeddedBeamRow_2_1	12574	1	12,300	-25,578	-177,543	3,420	-7,046	18,390	-0,265	46,667	0,394	-177,551	0,000	0,000	3,420	-7,046	0,000
Element 2-42 (Embedded beam row)	12575	2	12,300	-25,879	-173,131	3,324	-6,029	18,718	-0,388	46,667	0,401	-173,138	0,000	0,000	3,324	-6,029	0,000
(palo 1500)	12576	3	12,300	-26,180	-168,630	3,187	-5,047	19,017	-0,516	46,667	0,408	-168,636	0,000	0,000	3,187	-5,047	0,004
	12577	4	12,300	-26,482	-164,045	3,009	-4,113	19,272	-0,663	46,667	0,413	-164,050	0,000	0,000	3,009	-4,113	0,054
	12578	5	12,300	-26,783	-159,383	2,788	-3,239	19,511	-0,782	46,667	0,418	-159,387	0,000	0,000	2,788	-3,239	0,090
EmbeddedBeamRow_2_1	12578	1	12,300	-26,783	-159,398	2,794	-3,239	19,511	-0,782	46,667	0,418	-159,402	0,000	0,000	2,794	-3,239	0,090
Element 2-43 (Embedded beam row)	12579	2	12,300	-27,087	-154,602	2,519	-2,429	19,730	-0,978	46,667	0,423	-154,605	0,000	0,000	2,519	-2,429	0,112

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N-- [kN/m]	N--- [kN/m]	Q-- [kN/m]	Q--- [kN/m]	M-- [kN m/m]	M--- [kN m/m]
(palo 1500)	12580	3	12,300	-27,391	-149,780	2,200	-1,710	19,832	-1,116	46,667	0,425	-149,782	0,000	-0,007	2,200	-1,710	0,117
	12581	4	12,300	-27,696	-144,941	1,832	-1,095	19,838	-1,292	46,667	0,425	-144,943	0,000	-0,052	1,832	-1,095	0,108
	12582	5	12,300	-28,000	-140,095	1,414	-0,600	19,703	-1,468	46,667	0,422	-140,097	0,000	-0,090	1,414	-0,600	0,086
EmbeddedBeamRow_2_1	12582	1	12,300	-28,000	-140,135	1,430	-0,600	19,703	-1,468	46,667	0,422	-140,137	0,000	-0,078	1,430	-0,600	0,086
Element 2-44 (Embedded beam row)	12583	2	12,300	-28,223	-136,608	1,048	-0,324	19,495	-1,708	46,667	0,418	-136,609	0,000	-0,113	1,048	-0,324	0,065
(palo 1500)	12584	3	12,300	-28,445	-133,201	0,664	-0,134	19,054	-1,809	46,667	0,408	-133,202	0,000	-0,121	0,664	-0,134	0,038
	12585	4	12,300	-28,668	-129,936	0,295	-0,027	18,218	-1,574	46,667	0,390	-129,937	0,000	-0,093	0,295	-0,027	0,014
	12586	5	12,300	-28,890	-126,835	-0,042	0,000	16,917	-0,842	46,667	0,363	-126,836	0,000	-0,042	0,000	0,000	0,000

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PLAXIS Report

1.1.1.1.1 Materials - Soil and interfaces - Hardening Soil

Identification number		1	2	4	5
Identification		STRATO B	STRATO C	STRATO A	STRATO A'
Soil model		Hardening Soil	Hardening Soil	Hardening Soil	Hardening Soil
Drainage type		Drained	Drained	Drained	Drained
Colour					
Comments					
γ_unsat	kN/m³	18,50	18,50	18,50	18,50
γ_sat	kN/m³	19,00	19,00	19,00	19,00
e_init		0,5000	0,5000	0,5000	0,5000
n_init		0,3333	0,3333	0,3333	0,3333
Input method		Direct	Direct	Direct	Direct
Rayleigh α		0,000	0,000	0,000	0,000
Rayleigh β		0,000	0,000	0,000	0,000
Identification number		1	2	4	5
Identification		STRATO B	STRATO C	STRATO A	STRATO A'
Soil model		Hardening Soil	Hardening Soil	Hardening Soil	Hardening Soil
Drainage type		Drained	Drained	Drained	Drained
Colour					
Comments					
E_50^ref	kN/m²	30,00E3	45,00E3	7500	5000
E_oed^ref	kN/m²	30,00E3	45,00E3	7500	5000
E_ur^ref	kN/m²	90,00E3	135,0E3	22,50E3	15,00E3
ν_ur		0,2000	0,2000	0,2000	0,2000
Use defaults		False	False	True	True

Identification number		1	2	4	5
K_0^nc		0,5930	0,5930	0,6254	0,7412
R_f		0,9000	0,9000	0,9000	0,9000
Determination		ν-undrained definition	ν-undrained definition	ν-undrained definition	ν-undrained definition
ν_u definition method		Direct	Direct	Direct	Direct
ν_u,equivalent (nu)		0,4950	0,4950	0,4950	0,4950
Skempton B		0,9866	0,9866	0,9866	0,9866
K_w,ref/n	kN/m²	3,687E6	5,531E6	921,9E3	614,6E3
Identification number		1	2	4	5
Identification		STRATO B	STRATO C	STRATO A	STRATO A'
Soil model		Hardening Soil	Hardening Soil	Hardening Soil	Hardening Soil
Drainage type		Drained	Drained	Drained	Drained
Colour					
Comments					
Classification type		Standard	Standard	Standard	Standard
Soil class (Standard)		Coarse	Coarse	Coarse	Coarse
< 2 µm	%	10,00	10,00	10,00	10,00
2 µm - 50 µm	%	13,00	13,00	13,00	13,00
50 µm - 2 mm	%	77,00	77,00	77,00	77,00
Identification number		1	2	4	5
Identification		STRATO B	STRATO C	STRATO A	STRATO A'
Soil model		Hardening Soil	Hardening Soil	Hardening Soil	Hardening Soil
Drainage type		Drained	Drained	Drained	Drained
Colour					
Comments					
c_s	kJ/t/K	0,000	0,000	0,000	0,000
λ_s	kW/m/K	0,000	0,000	0,000	0,000

Identification number		1	2	4	5
ρ_s	t/m³	0,000	0,000	0,000	0,000
Thermal expansion type		Isotropic	Isotropic	Isotropic	Isotropic
α_sv	1/K	0,000	0,000	0,000	0,000
Phase change		False	False	False	False
D_v	m²/day	0,000	0,000	0,000	0,000
f_Tv		0,000	0,000	0,000	0,000
Identification number		1	2	4	5
Identification		STRATO B	STRATO C	STRATO A	STRATO A'
Soil model		Hardening Soil	Hardening Soil	Hardening Soil	Hardening Soil
Drainage type		Drained	Drained	Drained	Drained
Colour					
Comments					
Stiffness determination		Derived	Derived	Derived	Derived
Strength determination		Manual	Manual	Manual	Manual
R_inter		0,6600	0,6600	0,6600	0,6600
Consider gap closure		True	True	True	True
δ_inter	m	0,000	0,000	0,000	0,000
Cross permeability		Impermeable	Impermeable	Impermeable	Impermeable
Drainage conductivity, dk	m³/day/m	0,000	0,000	0,000	0,000
R_thermal	m² K/kW	0,000	0,000	0,000	0,000
Identification number		1	2	4	5
Identification		STRATO B	STRATO C	STRATO A	STRATO A'
Soil model		Hardening Soil	Hardening Soil	Hardening Soil	Hardening Soil
Drainage type		Drained	Drained	Drained	Drained
Colour					
Comments					

Identification number		1	2	4	5
K_0 determination		Automatic	Automatic	Automatic	Automatic
K_0,x		0,5930	0,5930	0,6254	0,7412
K_0,z		0,5930	0,5930	0,6254	0,7412
POP	kN/m²	0,000	0,000	0,000	0,000
OCR		1,000	1,000	1,000	1,000

1.1.1.1.2 Materials - Soil and interfaces - Mohr-Coulomb

Identification number		3
Identification		RIPORTO
Soil model		Mohr-Coulomb
Drainage type		Drained
Colour		
Comments		
γ_unsat	kN/m³	0,1000
γ_sat	kN/m³	0,1000
e_init		0,5000
n_init		0,3333
Input method		Direct
Rayleigh α		0,000
Rayleigh β		0,000
Identification number		3
Identification		RIPORTO
Soil model		Mohr-Coulomb
Drainage type		Drained
Colour		
Comments		
E'_ref	kN/m²	50,00E3
ν (nu)		0,3000
Determination		ν-undrained definition
ν_u definition method		Direct
ν_u,equivalent (nu)		0,4950

Identification number		3
Skempton B		0,9783
K_w,ref/n	kN/m²	1,875E6
Identification number		3
Identification		RIPORTO
Soil model		Mohr-Coulomb
Drainage type		Drained
Colour		
Comments		
Classification type		Standard
Soil class (Standard)		Coarse
< 2 µm	%	10,00
2 µm - 50 µm	%	13,00
50 µm - 2 mm	%	77,00
Identification number		3
Identification		RIPORTO
Soil model		Mohr-Coulomb
Drainage type		Drained
Colour		
Comments		
c_s	kJ/t/K	0,000
λ_s	kW/m/K	0,000
ρ_s	t/m³	0,000
Thermal expansion type		Isotropic
α_sv	1/K	0,000
Phase change		False
D_v	m²/day	0,000

Identification number		3
f_Tv		0,000
Identification number		3
Identification		RIPORTO
Soil model		Mohr-Coulomb
Drainage type		Drained
Colour		
Comments		
Stiffness determination		Derived
Strength determination		Manual
R_inter		0,6600
Consider gap closure		True
Cross permeability		Impermeable
Drainage conductivity, dk	m^3/day/m	0,000
R_thermal	m^2 K/kW	0,000
Identification number		3
Identification		RIPORTO
Soil model		Mohr-Coulomb
Drainage type		Drained
Colour		
Comments		
K_0 determination		Automatic
K_0,x		0,3843
K_0,z		0,3843

1.1.1.2 Materials - Plates

Identification number		1	2
Identification		Paratia 800	PLINTO
Material type		Elastic	Elastic
Colour			
Comments			
w	kN/m/m	2,740	50,00
Input method		Direct	Direct
Rayleigh α		0,000	0,000
Rayleigh β		0,000	0,000
Prevent punching		False	False
Identification number		1	2
Identification		Paratia 800	PLINTO
Material type		Elastic	Elastic
Colour			
Comments			
Isotropic		True	True
Identification number		1	2
Identification		Paratia 800	PLINTO
Material type		Elastic	Elastic
Colour			
Comments			
c	kJ/t/K	0,000	0,000
λ	kW/m/K	0,000	0,000
ρ	t/m^3	0,000	0,000
α	1/K	0,000	0,000

Identification number		1	2
A_eff,T	m²	0,000	0,000

1.1.1.3 Materials - Geogrids

Identification number		1
Identification		Tirante
Material type		Elastic
Colour		
Comments		i=2.2 m
Identification number		1
Identification		Tirante
Material type		Elastic
Colour		
Comments		i=2.2 m
Isotropic		False
Identification number		1
Identification		Tirante
Material type		Elastic
Colour		
Comments		i=2.2 m
c	kJ/t/K	0,000
λ	kW/m/K	0,000
ρ	t/m³	0,000
α	1/K	0,000
A_eff,T	m²	0,000

1.1.1.4 Materials - Anchors

Identification number		1
Identification		tiranti
Material type		Elastic
Colour		
Comments		tubolari 139-7.1
Identification number		1
Identification		tiranti
Material type		Elastic
Colour		
Comments		tubolari 139-7.1
L_spacing	m	2,200
Identification number		1
Identification		tiranti
Material type		Elastic
Colour		
Comments		tubolari 139-7.1
c	kJ/t/K	0,000
λ	kW/m/K	0,000
ρ	t/m³	0,000
α	1/K	0,000
A_eff,T	m²	0,000

1.1.1.5 Materials - Embedded beams

Identification number		1
Identification		palo 1500
Material type		Elastic
Colour		
Comments		
γ	kN/m³	10,00
Input method		Direct
Rayleigh α		0,000
Rayleigh β		0,000
Identification number		1
Identification		palo 1500
Material type		Elastic
Colour		
Comments		
L_spacing	m	4,500
Cross section type		Predefined
Predefined cross section type		Solid circular beam
Diameter	m	1,500
A	m²	1,767
I	m⁴	0,2485
Axial skin resistance		Linear
T_skin, start, max	kN/m	210,0
T_skin, end, max	kN/m	210,0
Lateral resistance		Unlimited
F_max	kN	2078

Identification number	1
Default values	True
Axial stiffness factor	1,097
Lateral stiffness factor	1,097
Base stiffness factor	10,97

3.1.1.1.2 Calculation results, Plate, paratia [Phase_1] (1/14), Table of plate force envelopes

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [10^{-3} kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [10^{-3} kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_1	118	1	0,000	-0,500	0,000	0,000	0,000	2,114	0,000	0,002	0,000	0,000	0,000
Element 1-1 (Plate)	117	2	0,000	-0,625	-0,308	-0,308	0,000	-73,927	-0,074	0,000	-4,649	-0,005	0,000
(Paratia 800)	116	3	0,000	-0,750	-0,614	-0,614	0,000	-134,513	-0,135	0,000	-17,839	-0,018	0,000
	115	4	0,000	-0,875	-0,919	-0,919	0,000	-179,854	-0,180	0,000	-37,650	-0,038	0,000
	119	5	0,000	-1,000	-1,222	-1,222	0,000	-210,157	-0,210	0,000	-62,175	-0,062	0,000
Plate_1_2	119	1	0,000	-1,000	-1,222	-1,222	0,000	-213,318	-0,213	0,000	-62,175	-0,062	0,000
Element 2-2 (Plate)	67	2	0,000	-1,250	-1,820	-1,820	0,000	-243,479	-0,243	0,000	-119,626	-0,120	0,000
(Paratia 800)	66	3	0,000	-1,500	-2,408	-2,408	0,000	-257,111	-0,257	0,000	-182,524	-0,183	0,000
	65	4	0,000	-1,750	-2,987	-2,987	0,000	-255,216	-0,255	0,000	-246,919	-0,247	0,000
	224	5	0,000	-2,000	-3,556	-3,556	0,000	-238,793	-0,239	0,000	-308,936	-0,309	0,000
Plate_1_3	224	1	0,000	-2,000	-3,556	-3,556	0,000	-240,085	-0,240	0,000	-308,936	-0,309	0,000
Element 3-3 (Plate)	227	2	0,000	-2,125	-3,837	-3,837	0,000	-229,006	-0,229	0,000	-338,268	-0,338	0,000
(Paratia 800)	226	3	0,000	-2,250	-4,117	-4,117	0,000	-216,093	-0,216	0,000	-366,110	-0,366	0,000
	225	4	0,000	-2,375	-4,394	-4,394	0,000	-201,404	-0,201	0,000	-392,229	-0,392	0,000
	370	5	0,000	-2,500	-4,669	-4,669	0,000	-185,000	-0,185	0,000	-416,391	-0,416	0,000
Plate_1_4	370	1	0,000	-2,500	-4,669	-4,669	0,000	-185,716	-0,186	0,000	-416,391	-0,416	0,000
Element 4-4 (Plate)	373	2	0,000	-2,750	-5,214	-5,214	0,000	-148,536	-0,149	0,000	-458,224	-0,458	0,000
(Paratia 800)	372	3	0,000	-3,000	-5,752	-5,752	0,000	-109,027	-0,109	0,000	-490,454	-0,490	0,000
	371	4	0,000	-3,250	-6,283	-6,283	0,000	-67,750	-0,068	0,000	-512,603	-0,513	0,000
	474	5	0,000	-3,500	-6,808	-6,808	0,000	-25,262	-0,025	0,000	-524,239	-0,524	0,000
Plate_1_5	474	1	0,000	-3,500	-6,808	-6,808	0,000	-26,138	-0,026	0,000	-524,239	-0,524	0,000
Element 5-5 (Plate)	475	2	0,000	-3,670	-7,162	-7,162	0,000	1,546	0,000	0,009	-526,306	-0,526	0,000
(Paratia 800)	476	3	0,000	-3,840	-7,514	-7,514	0,000	27,365	0,000	0,029	-523,816	-0,524	0,000
	477	4	0,000	-4,010	-7,863	-7,863	0,000	51,128	0,000	0,051	-517,116	-0,517	0,000
	510	5	0,000	-4,180	-8,211	-8,211	0,000	72,639	0,000	0,073	-506,563	-0,507	0,000
Plate_1_6	510	1	0,000	-4,180	-8,211	-8,211	0,000	72,337	0,000	0,072	-506,563	-0,507	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [10^{-3} kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [10^{-3} kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Element 6-6 (Plate)	513	2	0,000	-4,260	-8,374	-8,374	0,000	81,175	0,000	0,081	-500,418	-0,500	0,000
(Paratia 800)	512	3	0,000	-4,340	-8,537	-8,537	0,000	89,078	0,000	0,089	-493,600	-0,494	0,000
	511	4	0,000	-4,420	-8,699	-8,699	0,000	96,020	0,000	0,096	-486,188	-0,486	0,000
	540	5	0,000	-4,500	-8,861	-8,861	0,000	101,972	0,000	0,102	-478,263	-0,478	0,000
Plate_1_7	540	1	0,000	-4,500	-8,861	-8,861	0,000	101,776	0,000	0,102	-478,263	-0,478	0,000
Element 7-7 (Plate)	543	2	0,000	-4,613	-9,089	-9,089	0,000	108,278	0,000	0,108	-466,416	-0,466	0,000
(Paratia 800)	542	3	0,000	-4,725	-9,316	-9,316	0,000	111,803	0,000	0,112	-453,995	-0,454	0,000
	541	4	0,000	-4,838	-9,543	-9,543	0,000	112,239	0,000	0,112	-441,353	-0,441	0,000
	576	5	0,000	-4,950	-9,770	-9,770	0,000	109,473	0,000	0,109	-428,846	-0,429	0,000
Plate_1_7	576	1	0,000	-4,950	-9,770	-9,770	0,000	109,160	0,000	0,109	-428,846	-0,429	0,000
Element 7-8 (Plate)	577	2	0,000	-5,031	-9,932	-9,932	0,000	104,678	0,000	0,105	-420,252	-0,420	0,000
(Paratia 800)	578	3	0,000	-5,111	-10,093	-10,093	0,000	97,625	0,000	0,098	-412,116	-0,412	0,000
	579	4	0,000	-5,191	-10,255	-10,255	0,000	87,932	0,000	0,088	-404,653	-0,405	0,000
	630	5	0,000	-5,271	-10,417	-10,417	0,000	75,528	0,000	0,076	-398,078	-0,398	0,000
Plate_1_7	630	1	0,000	-5,271	-10,417	-10,417	0,000	75,292	0,000	0,075	-398,078	-0,398	0,000
Element 7-9 (Plate)	631	2	0,000	-5,328	-10,533	-10,533	0,000	64,447	0,000	0,064	-394,073	-0,394	0,000
(Paratia 800)	632	3	0,000	-5,386	-10,648	-10,648	0,000	51,551	0,000	0,052	-390,746	-0,391	0,000
	633	4	0,000	-5,443	-10,765	-10,765	0,000	36,560	0,000	0,037	-388,216	-0,388	0,000
	664	5	0,000	-5,500	-10,881	-10,881	0,000	19,432	0,000	0,019	-386,605	-0,387	0,000
Plate_1_8	664	1	0,000	-5,500	-10,881	-10,881	0,000	19,308	0,000	0,019	-386,605	-0,387	0,000
Element 8-10 (Plate)	665	2	0,000	-5,512	-10,907	-10,907	0,000	15,168	-0,002	0,015	-386,389	-0,386	0,000
(Paratia 800)	666	3	0,000	-5,525	-10,932	-10,932	0,000	10,915	-0,004	0,011	-386,226	-0,386	0,000
	667	4	0,000	-5,537	-10,958	-10,958	0,000	6,607	-0,005	0,007	-386,117	-0,386	0,000
	996	5	0,000	-5,550	-10,984	-10,984	0,000	2,302	-0,007	0,002	-386,061	-0,386	0,000
Plate_1_9	996	1	0,000	-5,550	-10,988	-10,988	0,000	3,719	-0,006	0,004	-386,061	-0,386	0,000
Element 9-11 (Plate)	997	2	0,000	-5,583	-11,016	-11,016	0,000	-25,191	-0,025	0,000	-386,422	-0,386	0,000
(Paratia 800)	998	3	0,000	-5,615	-11,045	-11,045	0,000	-49,992	-0,050	0,000	-387,654	-0,388	0,000
	999	4	0,000	-5,648	-11,074	-11,074	0,000	-70,967	-0,071	0,000	-389,632	-0,390	0,000
	1020	5	0,000	-5,680	-11,102	-11,102	0,000	-88,399	-0,088	0,000	-392,232	-0,392	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [10^{-3} kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [10^{-3} kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_10	1020	1	0,000	-5,680	-11,102	-11,102	0,000	-89,000	-0,089	0,000	-392,232	-0,392	0,000
Element 10-12 (Plate)	1021	2	0,000	-5,728	-11,144	-11,144	0,000	-110,317	-0,110	0,000	-396,978	-0,397	0,000
(Paratia 800)	1022	3	0,000	-5,775	-11,186	-11,186	0,000	-127,937	-0,128	0,000	-402,649	-0,403	0,000
	1023	4	0,000	-5,823	-11,227	-11,227	0,000	-141,994	-0,142	0,000	-409,074	-0,409	0,000
	1416	5	0,000	-5,870	-11,268	-11,268	0,000	-152,625	-0,153	0,000	-416,080	-0,416	0,000
Plate_1_11	1416	1	0,000	-5,870	-11,268	-11,268	0,000	-153,234	-0,153	0,000	-416,080	-0,416	0,000
Element 12-21 (Plate)	1417	2	0,000	-5,943	-11,330	-11,330	0,000	-164,661	-0,165	0,000	-427,735	-0,428	0,000
(Paratia 800)	1418	3	0,000	-6,016	-11,393	-11,393	0,000	-171,921	-0,172	0,000	-440,077	-0,440	0,000
	1419	4	0,000	-6,090	-11,454	-11,454	0,000	-175,204	-0,175	0,000	-452,806	-0,453	0,000
	1722	5	0,000	-6,163	-11,516	-11,516	0,000	-174,704	-0,175	0,000	-465,628	-0,466	0,000
Plate_1_11	1722	1	0,000	-6,163	-11,516	-11,516	0,000	-175,217	-0,175	0,000	-465,628	-0,466	0,000
Element 12-22 (Plate)	1723	2	0,000	-6,250	-11,588	-11,588	0,000	-171,248	-0,171	0,000	-480,793	-0,481	0,000
(Paratia 800)	1724	3	0,000	-6,338	-11,660	-11,660	0,000	-164,622	-0,165	0,000	-495,499	-0,495	0,000
	1725	4	0,000	-6,425	-11,731	-11,731	0,000	-155,475	-0,155	0,000	-509,517	-0,510	0,000
	2258	5	0,000	-6,512	-11,801	-11,801	0,000	-143,944	-0,144	0,000	-522,621	-0,523	0,000
Plate_1_11	2258	1	0,000	-6,512	-11,801	-11,801	0,000	-144,251	-0,144	0,000	-522,621	-0,523	0,000
Element 12-23 (Plate)	2259	2	0,000	-6,617	-11,885	-11,885	0,000	-128,265	-0,128	0,000	-536,872	-0,537	0,000
(Paratia 800)	2260	3	0,000	-6,721	-11,967	-11,967	0,000	-110,489	-0,110	0,000	-549,362	-0,549	0,000
	2261	4	0,000	-6,826	-12,048	-12,048	0,000	-91,019	-0,091	0,000	-559,908	-0,560	0,000
	2690	5	0,000	-6,930	-12,129	-12,129	0,000	-69,951	-0,073	0,000	-568,329	-0,568	0,000
Plate_1_11	2690	1	0,000	-6,930	-12,129	-12,129	0,000	-70,143	-0,073	0,000	-568,329	-0,568	0,000
Element 12-24 (Plate)	2691	2	0,000	-7,055	-12,224	-12,224	0,000	-43,534	-0,053	0,000	-575,438	-0,575	0,000
(Paratia 800)	2692	3	0,000	-7,180	-12,318	-12,318	0,000	-15,656	-0,032	0,000	-579,145	-0,579	0,000
	2693	4	0,000	-7,305	-12,410	-12,410	0,000	13,406	-0,010	0,013	-579,299	-0,579	0,000
	3440	5	0,000	-7,430	-12,502	-12,502	0,000	43,571	0,000	0,044	-575,753	-0,576	0,000
Plate_1_11	3440	1	0,000	-7,430	-12,502	-12,502	0,000	43,381	0,000	0,043	-575,753	-0,576	0,000
Element 12-25 (Plate)	3441	2	0,000	-7,579	-12,609	-12,609	0,000	80,393	0,000	0,080	-566,531	-0,567	0,000
(Paratia 800)	3442	3	0,000	-7,728	-12,716	-12,716	0,000	117,943	0,000	0,118	-551,736	-0,552	0,000
	3443	4	0,000	-7,877	-12,820	-12,820	0,000	155,930	0,000	0,156	-531,309	-0,531	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [10^{-3} kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [10^{-3} kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	3844	5	0,000	-8,027	-12,924	-12,924	0,000	194,253	0,000	0,194	-505,195	-0,505	0,000
Plate_1_11	3844	1	0,000	-8,027	-12,924	-12,924	0,000	194,001	0,000	0,194	-505,195	-0,505	0,000
Element 12-26 (Plate)	3845	2	0,000	-8,205	-13,045	-13,045	0,000	239,610	0,000	0,240	-466,543	-0,467	0,000
(Paratia 800)	3846	3	0,000	-8,383	-13,166	-13,166	0,000	284,288	0,000	0,284	-419,813	-0,420	0,000
	3847	4	0,000	-8,561	-13,284	-13,284	0,000	327,870	0,000	0,328	-365,222	-0,365	0,000
	4104	5	0,000	-8,740	-13,401	-13,401	0,000	370,189	0,000	0,370	-302,992	-0,303	0,000
Plate_1_11	4104	1	0,000	-8,740	-13,401	-13,401	0,000	369,137	0,000	0,369	-302,992	-0,303	0,000
Element 12-27 (Plate)	4105	2	0,000	-8,953	-13,539	-13,539	0,000	416,986	0,000	0,417	-219,170	-0,219	0,000
(Paratia 800)	4106	3	0,000	-9,166	-13,676	-13,676	0,000	457,862	0,000	0,458	-125,822	-0,131	0,000
	4107	4	0,000	-9,379	-13,811	-13,811	0,000	491,119	0,000	0,491	-24,596	-0,058	0,000
	4678	5	0,000	-9,592	-13,946	-13,946	0,000	516,111	0,000	0,516	82,820	-0,001	0,083
Plate_1_11	4678	1	0,000	-9,592	-13,947	-13,947	0,000	510,263	0,000	0,510	82,820	-0,001	0,083
Element 12-28 (Plate)	4679	2	0,000	-9,846	-14,108	-14,108	0,000	527,183	0,000	0,527	215,525	0,000	0,216
(Paratia 800)	4680	3	0,000	-10,101	-14,273	-14,273	0,000	505,683	0,000	0,506	348,019	0,000	0,348
	4681	4	0,000	-10,355	-14,443	-14,443	0,000	440,415	0,000	0,440	469,310	0,000	0,469
	5370	5	0,000	-10,610	-14,618	-14,618	0,000	326,028	0,000	0,326	567,989	0,000	0,568
Plate_1_12	5370	1	0,000	-10,610	-14,621	-14,621	0,000	294,823	0,000	0,295	567,989	0,000	0,568
Element 13-29 (Plate)	5371	2	0,000	-10,857	-14,600	-14,600	0,000	153,768	0,000	0,154	622,390	0,000	0,622
(Paratia 800)	5372	3	0,000	-11,104	-14,573	-14,573	0,000	55,636	0,000	0,056	647,605	0,000	0,648
	5373	4	0,000	-11,351	-14,539	-14,539	0,000	-5,959	-0,024	0,000	652,902	0,000	0,653
	5578	5	0,000	-11,598	-14,497	-14,497	0,000	-37,400	-0,045	0,000	647,059	0,000	0,647
Plate_1_12	5578	1	0,000	-11,598	-14,497	-14,497	0,000	-43,334	-0,049	0,000	647,059	0,000	0,647
Element 13-30 (Plate)	5579	2	0,000	-11,852	-14,445	-14,445	0,000	-68,299	-0,068	0,000	632,754	0,000	0,633
(Paratia 800)	5580	3	0,000	-12,106	-14,383	-14,383	0,000	-86,571	-0,087	0,000	612,989	0,000	0,613
	5581	4	0,000	-12,359	-14,310	-14,310	0,000	-98,723	-0,099	0,000	589,351	0,000	0,589
	5646	5	0,000	-12,613	-14,227	-14,227	0,000	-105,331	-0,105	0,000	563,377	0,000	0,563
Plate_1_12	5646	1	0,000	-12,613	-14,226	-14,226	0,000	-106,039	-0,106	0,000	563,377	0,000	0,563
Element 13-31 (Plate)	5647	2	0,000	-12,873	-14,130	-14,130	0,000	-110,486	-0,110	0,000	535,151	0,000	0,535
(Paratia 800)	5648	3	0,000	-13,133	-14,020	-14,020	0,000	-112,409	-0,112	0,000	506,085	0,000	0,506

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [10^{-3} kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [10^{-3} kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	5649	4	0,000	-13,394	-13,898	-13,898	0,000	-111,825	-0,112	0,000	476,843	0,000	0,477
	6192	5	0,000	-13,654	-13,763	-13,763	0,000	-108,755	-0,109	0,000	448,092	0,000	0,448
Plate_1_12	6192	1	0,000	-13,654	-13,762	-13,762	0,000	-109,202	-0,109	0,000	448,092	0,000	0,448
Element 13-32 (Plate)	6193	2	0,000	-13,921	-13,609	-13,609	0,000	-104,556	-0,105	0,000	419,545	0,000	0,420
(Paratia 800)	6194	3	0,000	-14,188	-13,440	-13,440	0,000	-99,903	-0,100	0,000	392,243	0,000	0,392
	6195	4	0,000	-14,455	-13,254	-13,254	0,000	-95,489	-0,095	0,000	366,144	0,000	0,366
	6304	5	0,000	-14,722	-13,052	-13,052	0,000	-91,560	-0,092	0,000	341,186	0,000	0,341
Plate_1_12	6304	1	0,000	-14,722	-13,051	-13,051	0,000	-91,797	-0,092	0,000	341,186	0,000	0,341
Element 13-33 (Plate)	6305	2	0,000	-14,996	-12,825	-12,825	0,000	-89,043	-0,089	0,000	316,426	0,000	0,316
(Paratia 800)	6306	3	0,000	-15,271	-12,577	-12,577	0,000	-87,061	-0,087	0,000	292,301	0,000	0,292
	6307	4	0,000	-15,545	-12,307	-12,307	0,000	-85,815	-0,086	0,000	268,619	0,000	0,269
	6344	5	0,000	-15,819	-12,014	-12,014	0,000	-85,265	-0,085	0,000	245,192	0,000	0,245
Plate_1_12	6344	1	0,000	-15,819	-12,012	-12,012	0,000	-85,189	-0,085	0,000	245,192	0,000	0,245
Element 13-34 (Plate)	6345	2	0,000	-16,100	-11,687	-11,687	0,000	-85,724	-0,086	0,000	221,174	0,000	0,221
(Paratia 800)	6346	3	0,000	-16,381	-11,330	-11,330	0,000	-86,769	-0,087	0,000	196,913	0,000	0,197
	6347	4	0,000	-16,663	-10,942	-10,942	0,000	-88,202	-0,088	0,000	172,309	0,000	0,172
	6520	5	0,000	-16,944	-10,522	-10,522	0,000	-89,898	-0,090	0,000	147,268	0,000	0,147
Plate_1_12	6520	1	0,000	-16,944	-10,519	-10,519	0,000	-89,532	-0,090	0,000	147,268	0,000	0,147
Element 13-35 (Plate)	6521	2	0,000	-17,233	-10,051	-10,051	0,000	-90,382	-0,090	0,000	121,268	0,000	0,121
(Paratia 800)	6522	3	0,000	-17,521	-9,537	-9,537	0,000	-89,687	-0,090	0,000	95,231	0,000	0,095
	6523	4	0,000	-17,810	-8,974	-8,974	0,000	-87,406	-0,087	0,000	69,626	0,000	0,070
	6956	5	0,000	-18,099	-8,364	-8,364	0,000	-83,497	-0,083	0,000	44,922	-0,003	0,045
Plate_1_12	6956	1	0,000	-18,099	-8,357	-8,357	0,000	-82,914	-0,083	0,000	44,922	-0,003	0,045
Element 13-36 (Plate)	6957	2	0,000	-18,395	-7,672	-7,672	0,000	-74,411	-0,074	0,000	21,545	-0,006	0,022
(Paratia 800)	6958	3	0,000	-18,691	-6,907	-6,907	0,000	-61,627	-0,062	0,000	1,237	-0,013	0,001
	6959	4	0,000	-18,988	-6,059	-6,059	0,000	-43,453	-0,043	0,000	-14,448	-0,020	0,000
	7450	5	0,000	-19,284	-5,126	-5,126	0,000	-18,782	-0,019	0,003	-23,852	-0,024	0,000
Plate_1_12	7450	1	0,000	-19,284	-5,098	-5,098	0,000	-32,014	-0,032	0,000	-23,852	-0,024	0,000
Element 13-37 (Plate)	7451	2	0,000	-19,588	-4,043	-4,043	0,000	21,309	0,000	0,025	-25,143	-0,025	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [10^{-3} kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [10^{-3} kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
(Paratia 800)	7452	3	0,000	-19,892	-2,788	-2,788	0,000	47,119	0,000	0,047	-13,441	-0,013	0,000
	7453	4	0,000	-20,196	-1,315	-1,315	0,000	31,663	0,000	0,032	-0,664	-0,001	0,000
	7454	5	0,000	-20,500	0,396	0,000	0,396	-38,809	-0,039	0,000	0,000	0,000	0,000

3.1.1.1.3 Calculation results, Plate, scavo [Phase_2] (2/19), Table of plate force envelopes

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_1	118	1	0,000	-0,500	0,000	-0,002	0,020	0,008	-0,037	0,008	0,000	0,000	0,000
Element 1-1 (Plate)	117	2	0,000	-0,625	-0,672	-0,676	0,000	-0,033	-0,074	0,193	-0,002	-0,005	0,008
(Paratia 800)	116	3	0,000	-0,750	-1,345	-1,352	0,000	-0,064	-0,135	0,520	-0,008	-0,018	0,053
	115	4	0,000	-0,875	-2,020	-2,027	0,000	-0,086	-0,180	0,904	-0,017	-0,038	0,141
	119	5	0,000	-1,000	-2,695	-2,702	0,000	-0,100	-0,210	1,309	-0,029	-0,062	0,279
Plate_1_2	119	1	0,000	-1,000	-2,729	-2,748	0,000	-0,238	-0,238	1,273	-0,029	-0,062	0,279
Element 2-2 (Plate)	67	2	0,000	-1,250	-4,064	-4,064	0,000	-0,182	-0,243	1,334	-0,071	-0,120	0,615
(Paratia 800)	66	3	0,000	-1,500	-5,574	-5,574	0,000	-0,791	-0,791	0,938	-0,173	-0,183	0,908
	65	4	0,000	-1,750	-7,298	-7,298	0,000	-2,203	-2,203	0,102	-0,533	-0,533	1,047
	224	5	0,000	-2,000	-9,275	-9,275	0,000	-4,558	-4,558	0,000	-1,355	-1,355	0,923
Plate_1_3	224	1	0,000	-2,000	-9,254	-9,254	0,000	-4,484	-4,484	0,000	-1,355	-1,355	0,923
Element 3-3 (Plate)	227	2	0,000	-2,125	-10,302	-10,302	0,000	-5,887	-5,887	0,000	-2,002	-2,002	0,732
(Paratia 800)	226	3	0,000	-2,250	-11,400	-11,400	0,000	-7,473	-7,473	0,000	-2,835	-2,835	0,438
	225	4	0,000	-2,375	-12,547	-12,547	0,000	-9,240	-9,240	0,000	-3,878	-3,878	0,029
	370	5	0,000	-2,500	-13,742	-13,742	0,000	-11,187	-11,187	0,000	-5,152	-5,152	0,000
Plate_1_4	370	1	0,000	-2,500	-13,743	-13,743	0,000	-11,188	-11,188	0,000	-5,152	-5,152	0,000
Element 4-4 (Plate)	373	2	0,000	-2,750	-16,281	-16,281	0,000	-15,636	-15,636	0,000	-8,489	-8,489	0,000
(Paratia 800)	372	3	0,000	-3,000	-19,018	-19,018	0,000	-20,818	-20,818	0,000	-13,032	-13,032	0,000
	371	4	0,000	-3,250	-21,951	-21,951	0,000	-26,732	-26,732	0,000	-18,961	-18,961	0,000
	474	5	0,000	-3,500	-25,078	-25,078	0,000	-33,378	-33,378	0,000	-26,458	-26,458	0,000
Plate_1_5	474	1	0,000	-3,500	-25,080	-25,080	0,000	-33,381	-33,381	0,000	-26,458	-26,458	0,000
Element 5-5 (Plate)	475	2	0,000	-3,670	-27,320	-27,320	0,000	-38,321	-38,321	0,009	-32,546	-32,546	0,000
(Paratia 800)	476	3	0,000	-3,840	-29,653	-29,653	0,000	-43,608	-43,608	0,029	-39,507	-39,507	0,000
	477	4	0,000	-4,010	-32,078	-32,078	0,000	-49,238	-49,238	0,051	-47,396	-47,396	0,000
	510	5	0,000	-4,180	-34,594	-34,594	0,000	-55,209	-55,209	0,073	-56,267	-56,267	0,000
Plate_1_6	510	1	0,000	-4,180	-34,595	-34,595	0,000	-55,211	-55,211	0,072	-56,267	-56,267	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Element 6-6 (Plate)	513	2	0,000	-4,260	-35,811	-35,811	0,000	-58,140	-58,140	0,081	-60,800	-60,800	0,000
(Paratia 800)	512	3	0,000	-4,340	-37,048	-37,048	0,000	-61,148	-61,148	0,089	-65,572	-65,572	0,000
	511	4	0,000	-4,420	-38,305	-38,305	0,000	-64,232	-64,232	0,096	-70,588	-70,588	0,000
	540	5	0,000	-4,500	-39,582	-39,582	0,000	-67,391	-67,391	0,102	-75,851	-75,851	0,000
Plate_1_7	540	1	0,000	-4,500	-39,538	-39,538	0,000	-67,230	-67,230	0,102	-75,851	-75,851	0,000
Element 7-7 (Plate)	543	2	0,000	-4,613	-40,413	-40,413	0,000	-69,338	-69,338	0,108	-83,541	-83,541	0,000
(Paratia 800)	542	3	0,000	-4,725	-41,161	-41,161	0,000	-70,968	-70,968	0,112	-91,445	-91,445	0,000
	541	4	0,000	-4,838	-41,787	-41,787	0,000	-72,135	-72,135	0,112	-99,506	-99,506	0,000
	576	5	0,000	-4,950	-42,296	-42,296	0,000	-72,859	-72,859	0,109	-107,669	-107,669	0,000
Plate_1_7	576	1	0,000	-4,950	-42,292	-42,292	0,000	-72,846	-72,846	0,109	-107,669	-107,669	0,000
Element 7-8 (Plate)	577	2	0,000	-5,031	-42,585	-42,585	0,000	-73,103	-73,103	0,105	-113,524	-113,524	0,000
(Paratia 800)	578	3	0,000	-5,111	-42,824	-42,824	0,000	-73,159	-73,159	0,098	-119,395	-119,395	0,000
	579	4	0,000	-5,191	-43,011	-43,011	0,000	-73,017	-73,017	0,088	-125,262	-125,262	0,000
	630	5	0,000	-5,271	-43,144	-43,144	0,000	-72,678	-72,678	0,076	-131,107	-131,107	0,000
Plate_1_7	630	1	0,000	-5,271	-43,144	-43,144	0,000	-72,678	-72,678	0,075	-131,107	-131,107	0,000
Element 7-9 (Plate)	631	2	0,000	-5,328	-43,209	-43,209	0,000	-72,322	-72,322	0,064	-135,253	-135,253	0,000
(Paratia 800)	632	3	0,000	-5,386	-43,246	-43,246	0,000	-71,865	-71,865	0,052	-139,377	-139,377	0,000
	633	4	0,000	-5,443	-43,257	-43,257	0,000	-71,305	-71,305	0,037	-143,472	-143,472	0,000
	664	5	0,000	-5,500	-43,239	-43,239	0,000	-70,642	-70,642	0,019	-147,531	-147,531	0,000
Plate_1_8	664	1	0,000	-5,500	-43,237	-43,237	0,000	-70,635	-70,635	0,019	-147,531	-147,531	0,000
Element 8-10 (Plate)	665	2	0,000	-5,512	-43,228	-43,228	0,000	-70,473	-70,473	0,015	-148,412	-148,412	0,000
(Paratia 800)	666	3	0,000	-5,525	-43,217	-43,217	0,000	-70,301	-70,301	0,011	-149,292	-149,292	0,000
	667	4	0,000	-5,537	-43,204	-43,204	0,000	-70,122	-70,122	0,007	-150,170	-150,170	0,000
	996	5	0,000	-5,550	-43,190	-43,190	0,000	-69,937	-69,937	0,002	-151,045	-151,045	0,000
Plate_1_9	996	1	0,000	-5,550	-43,200	-43,200	0,000	-69,968	-69,968	0,004	-151,045	-151,045	0,000
Element 9-11 (Plate)	997	2	0,000	-5,583	-42,943	-42,943	0,000	-68,780	-68,780	0,000	-153,301	-153,301	0,000
(Paratia 800)	998	3	0,000	-5,615	-42,696	-42,696	0,000	-67,625	-67,625	0,000	-155,519	-155,519	0,000
	999	4	0,000	-5,648	-42,454	-42,454	0,000	-66,488	-66,488	0,000	-157,700	-157,700	0,000
	1020	5	0,000	-5,680	-42,214	-42,214	0,000	-65,357	-65,357	0,000	-159,843	-159,843	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_10	1020	1	0,000	-5,680	-42,214	-42,214	0,000	-65,357	-65,357	0,000	-159,843	-159,843	0,000
Element 10-12 (Plate)	1021	2	0,000	-5,728	-41,858	-41,858	0,000	-63,683	-63,683	0,000	-162,906	-162,906	0,000
(Paratia 800)	1022	3	0,000	-5,775	-41,497	-41,497	0,000	-61,997	-61,997	0,000	-165,891	-165,891	0,000
	1023	4	0,000	-5,823	-41,134	-41,134	0,000	-60,300	-60,300	0,000	-168,795	-168,795	0,000
	1416	5	0,000	-5,870	-40,769	-40,769	0,000	-58,597	-58,597	0,000	-171,617	-171,617	0,000
Plate_1_11	1416	1	0,000	-5,870	-40,770	-40,770	0,000	-58,600	-58,600	0,000	-171,617	-171,617	0,000
Element 12-21 (Plate)	1417	2	0,000	-5,943	-40,209	-40,209	0,000	-55,981	-55,981	0,000	-175,808	-175,808	0,000
(Paratia 800)	1418	3	0,000	-6,016	-39,648	-39,648	0,000	-53,361	-53,361	0,000	-179,810	-179,810	0,000
	1419	4	0,000	-6,090	-39,086	-39,086	0,000	-50,739	-50,739	0,000	-183,620	-183,620	0,000
	1722	5	0,000	-6,163	-38,524	-38,524	0,000	-48,114	-48,114	0,000	-187,236	-187,236	0,000
Plate_1_11	1722	1	0,000	-6,163	-38,525	-38,525	0,000	-48,117	-48,117	0,000	-187,236	-187,236	0,000
Element 12-22 (Plate)	1723	2	0,000	-6,250	-37,853	-37,853	0,000	-44,977	-44,977	0,403	-191,306	-191,306	0,000
(Paratia 800)	1724	3	0,000	-6,338	-37,185	-37,185	0,000	-41,849	-41,849	1,744	-195,102	-195,102	0,000
	1725	4	0,000	-6,425	-36,523	-36,523	0,000	-38,740	-38,740	2,979	-198,627	-198,627	0,000
	2258	5	0,000	-6,512	-35,869	-35,869	0,000	-35,652	-35,652	4,108	-201,878	-201,878	0,000
Plate_1_11	2258	1	0,000	-6,512	-35,871	-35,871	0,000	-35,659	-35,659	4,114	-201,878	-201,878	0,000
Element 12-23 (Plate)	2259	2	0,000	-6,617	-35,106	-35,106	0,000	-32,023	-32,023	5,338	-205,413	-205,413	0,000
(Paratia 800)	2260	3	0,000	-6,721	-34,362	-34,362	0,000	-28,456	-28,456	6,445	-208,573	-208,573	0,000
	2261	4	0,000	-6,826	-33,640	-33,640	0,000	-24,961	-24,961	7,437	-211,363	-211,363	0,000
	2690	5	0,000	-6,930	-32,942	-32,942	0,000	-21,542	-21,542	8,316	-213,792	-213,792	0,000
Plate_1_11	2690	1	0,000	-6,930	-32,943	-32,943	0,000	-21,545	-21,545	8,324	-213,792	-213,792	0,000
Element 12-24 (Plate)	2691	2	0,000	-7,055	-32,142	-32,142	0,000	-17,569	-17,569	9,248	-216,232	-216,232	0,000
(Paratia 800)	2692	3	0,000	-7,180	-31,378	-31,378	0,000	-13,718	-13,718	10,055	-218,184	-218,184	0,000
	2693	4	0,000	-7,305	-30,653	-30,653	0,000	-9,996	-9,996	10,749	-219,663	-219,663	0,000
	3440	5	0,000	-7,430	-29,966	-29,966	0,000	-6,407	-6,407	11,550	-220,686	-220,686	0,000
Plate_1_11	3440	1	0,000	-7,430	-29,967	-29,967	0,000	-6,411	-6,411	11,556	-220,686	-220,686	0,000
Element 12-25 (Plate)	3441	2	0,000	-7,579	-29,199	-29,199	0,000	-2,306	-2,306	12,975	-221,333	-221,333	0,000
(Paratia 800)	3442	3	0,000	-7,728	-28,491	-28,491	0,000	1,587	0,000	14,221	-221,384	-221,384	0,000
	3443	4	0,000	-7,877	-27,844	-27,844	0,000	5,262	0,000	15,298	-220,871	-220,871	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	3844	5	0,000	-8,027	-27,259	-27,259	0,000	8,715	0,000	16,207	-219,825	-219,825	0,000
Plate_1_11	3844	1	0,000	-8,027	-27,247	-27,247	0,000	8,715	0,000	16,215	-219,825	-219,825	0,000
Element 12-26 (Plate)	3845	2	0,000	-8,205	-26,634	-26,634	0,000	12,528	0,000	17,885	-217,927	-217,928	0,000
(Paratia 800)	3846	3	0,000	-8,383	-26,032	-26,032	0,000	16,012	0,000	19,716	-215,378	-215,378	0,000
	3847	4	0,000	-8,561	-25,444	-25,444	0,000	19,167	0,000	21,284	-212,237	-212,237	0,000
	4104	5	0,000	-8,740	-24,873	-24,873	0,282	21,989	0,000	22,730	-208,564	-208,564	0,000
Plate_1_11	4104	1	0,000	-8,740	-24,879	-24,879	0,280	21,993	0,000	22,735	-208,564	-208,564	0,000
Element 12-27 (Plate)	4105	2	0,000	-8,953	-24,232	-24,232	1,274	24,945	0,000	25,074	-203,558	-203,558	0,000
(Paratia 800)	4106	3	0,000	-9,166	-23,635	-23,635	2,214	27,456	0,000	27,456	-197,967	-197,967	0,000
	4107	4	0,000	-9,379	-23,087	-23,087	3,100	29,533	0,000	29,533	-191,888	-191,888	0,000
	4678	5	0,000	-9,592	-22,588	-22,588	3,931	31,184	0,000	31,184	-185,415	-185,415	0,083
Plate_1_11	4678	1	0,000	-9,592	-22,580	-22,580	3,931	31,251	0,000	31,251	-185,415	-185,415	0,083
Element 12-28 (Plate)	4679	2	0,000	-9,846	-22,041	-22,041	4,855	32,672	0,000	32,672	-177,273	-177,273	0,216
(Paratia 800)	4680	3	0,000	-10,101	-21,518	-21,518	5,699	33,871	0,000	33,871	-168,804	-168,804	0,348
	4681	4	0,000	-10,355	-20,920	-20,920	6,459	35,018	0,000	35,018	-160,030	-160,030	0,469
	5370	5	0,000	-10,610	-20,162	-20,162	7,134	36,282	0,000	36,282	-150,964	-150,964	0,568
Plate_1_12	5370	1	0,000	-10,610	-20,430	-20,430	7,022	36,869	0,000	36,869	-150,964	-150,964	0,568
Element 13-29 (Plate)	5371	2	0,000	-10,857	-18,151	-18,151	8,075	39,266	0,000	39,266	-141,528	-141,528	0,622
(Paratia 800)	5372	3	0,000	-11,104	-16,012	-16,012	9,067	40,347	0,000	40,347	-131,668	-131,668	0,648
	5373	4	0,000	-11,351	-13,995	-14,539	9,999	40,295	-0,024	40,295	-121,676	-121,676	0,653
	5578	5	0,000	-11,598	-12,084	-14,497	10,875	39,297	-0,045	39,297	-111,828	-111,828	0,647
Plate_1_12	5578	1	0,000	-11,598	-12,068	-14,497	10,876	39,446	-0,049	39,446	-111,828	-111,828	0,647
Element 13-30 (Plate)	5579	2	0,000	-11,852	-10,151	-14,445	11,721	38,092	-0,068	38,092	-101,992	-101,992	0,633
(Paratia 800)	5580	3	0,000	-12,106	-8,294	-14,383	12,508	36,481	-0,087	36,481	-92,529	-92,529	0,613
	5581	4	0,000	-12,359	-6,498	-14,310	13,237	34,650	-0,099	34,650	-83,502	-83,502	0,589
	5646	5	0,000	-12,613	-4,764	-14,227	13,907	32,638	-0,105	32,638	-74,969	-74,969	0,563
Plate_1_12	5646	1	0,000	-12,613	-4,764	-14,226	13,907	32,673	-0,106	32,673	-74,969	-74,969	0,563
Element 13-31 (Plate)	5647	2	0,000	-12,873	-3,046	-14,130	14,533	30,552	-0,110	30,552	-66,743	-66,743	0,535
(Paratia 800)	5648	3	0,000	-13,133	-1,393	-14,020	15,097	28,420	-0,112	28,420	-59,067	-59,067	0,506

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	5649	4	0,000	-13,394	0,193	-13,898	15,598	26,292	-0,112	26,292	-51,945	-51,945	0,477
	6192	5	0,000	-13,654	1,711	-13,763	16,036	24,179	-0,109	24,179	-45,380	-45,380	0,448
Plate_1_12	6192	1	0,000	-13,654	1,709	-13,762	16,036	24,189	-0,109	24,189	-45,380	-45,380	0,448
Element 13-32 (Plate)	6193	2	0,000	-13,921	3,193	-13,609	16,421	22,086	-0,105	22,086	-39,202	-39,202	0,464
(Paratia 800)	6194	3	0,000	-14,188	4,596	-13,440	16,739	20,056	-0,100	20,056	-33,575	-33,575	0,967
	6195	4	0,000	-14,455	5,915	-13,254	16,990	18,103	-0,095	18,103	-28,479	-28,479	1,390
	6304	5	0,000	-14,722	7,148	-13,052	17,296	16,232	-0,092	16,232	-23,897	-23,897	1,742
Plate_1_12	6304	1	0,000	-14,722	7,144	-13,051	17,295	16,234	-0,092	16,234	-23,897	-23,897	1,742
Element 13-33 (Plate)	6305	2	0,000	-14,996	8,311	-12,825	17,856	14,426	-0,089	14,426	-19,698	-19,698	2,034
(Paratia 800)	6306	3	0,000	-15,271	9,367	-12,577	18,310	12,729	-0,087	12,729	-15,978	-15,978	2,264
	6307	4	0,000	-15,545	10,308	-12,307	18,656	11,145	-0,086	11,145	-12,708	-12,708	2,434
	6344	5	0,000	-15,819	11,133	-12,014	18,892	9,677	-0,085	9,677	-9,858	-9,858	2,547
Plate_1_12	6344	1	0,000	-15,819	11,129	-12,012	18,888	9,675	-0,085	9,675	-9,858	-9,858	2,547
Element 13-34 (Plate)	6345	2	0,000	-16,100	11,848	-11,687	19,012	8,292	-0,086	8,292	-7,334	-7,334	2,606
(Paratia 800)	6346	3	0,000	-16,381	12,427	-11,330	19,006	7,022	-0,103	7,022	-5,182	-5,182	2,605
	6347	4	0,000	-16,663	12,864	-10,942	18,867	5,865	-0,292	5,865	-3,372	-3,372	2,770
	6520	5	0,000	-16,944	13,157	-10,522	18,594	4,819	-0,460	4,819	-1,872	-1,872	2,995
Plate_1_12	6520	1	0,000	-16,944	13,150	-10,519	18,585	4,813	-0,457	4,813	-1,872	-1,872	2,995
Element 13-35 (Plate)	6521	2	0,000	-17,233	13,294	-10,051	18,156	3,840	-0,585	3,840	-0,625	-0,625	3,107
(Paratia 800)	6522	3	0,000	-17,521	13,257	-9,537	17,546	2,949	-0,688	2,949	0,353	0,000	3,091
	6523	4	0,000	-17,810	13,036	-8,974	16,752	2,133	-0,769	2,133	1,085	0,000	2,960
	6956	5	0,000	-18,099	12,629	-8,364	15,773	1,383	-0,949	1,383	1,591	-0,003	2,907
Plate_1_12	6956	1	0,000	-18,099	12,617	-8,357	15,768	1,404	-0,943	1,404	1,591	-0,003	2,907
Element 13-36 (Plate)	6957	2	0,000	-18,395	11,970	-7,672	14,559	0,547	-1,188	0,547	1,878	-0,006	2,773
(Paratia 800)	6958	3	0,000	-18,691	11,061	-6,907	13,134	-0,220	-1,364	0,000	1,923	-0,013	2,475
	6959	4	0,000	-18,988	9,889	-6,059	11,493	-0,874	-1,588	0,000	1,759	-0,020	2,054
	7450	5	0,000	-19,284	8,451	-5,126	9,636	-1,390	-1,805	0,003	1,420	-0,024	1,548
Plate_1_12	7450	1	0,000	-19,284	8,460	-5,098	9,638	-1,305	-1,740	0,000	1,420	-0,024	1,548
Element 13-37 (Plate)	7451	2	0,000	-19,588	6,648	-4,043	7,477	-1,676	-1,864	0,025	0,952	-0,025	0,991

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
(Paratia 800)	7452	3	0,000	-19,892	4,563	-2,788	5,093	-1,503	-1,560	0,047	0,456	-0,013	0,470
	7453	4	0,000	-20,196	2,227	-1,315	2,478	-0,826	-0,846	0,032	0,089	-0,001	0,091
	7454	5	0,000	-20,500	-0,337	-0,377	0,396	0,314	-0,039	0,315	0,000	0,000	0,000

3.1.1.1.4 Calculation results, Plate, chiodo [Phase_3] (3/151), Table of plate force envelopes

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_1	118	1	0,000	-0,500	0,011	-0,002	0,020	0,000	-0,037	0,008	0,000	0,000	0,000
Element 1-1 (Plate)	117	2	0,000	-0,625	-0,415	-0,676	0,000	-0,010	-0,074	0,193	-0,001	-0,005	0,008
(Paratia 800)	116	3	0,000	-0,750	-0,953	-1,352	0,000	-0,035	-0,135	0,520	-0,003	-0,018	0,053
	115	4	0,000	-0,875	-1,581	-2,027	0,000	-0,104	-0,180	0,904	-0,011	-0,038	0,141
	119	5	0,000	-1,000	-2,275	-2,702	0,000	-0,248	-0,248	1,309	-0,032	-0,062	0,279
Plate_1_2	119	1	0,000	-1,000	-2,276	-2,748	0,000	-0,264	-0,295	1,273	-0,032	-0,062	0,279
Element 2-2 (Plate)	67	2	0,000	-1,250	-3,642	-4,066	0,000	-0,345	-0,345	1,334	-0,100	-0,120	0,615
(Paratia 800)	66	3	0,000	-1,500	-5,167	-5,576	0,000	-1,017	-1,017	0,938	-0,252	-0,252	0,908
	65	4	0,000	-1,750	-6,896	-7,299	0,000	-2,454	-2,454	0,102	-0,672	-0,672	1,047
	224	5	0,000	-2,000	-8,873	-9,277	0,000	-4,829	-4,829	0,000	-1,559	-1,559	0,923
Plate_1_3	224	1	0,000	-2,000	-8,854	-9,255	0,000	-4,754	-4,754	0,000	-1,559	-1,559	0,923
Element 3-3 (Plate)	227	2	0,000	-2,125	-9,901	-10,304	0,000	-6,160	-6,160	0,000	-2,239	-2,239	0,732
(Paratia 800)	226	3	0,000	-2,250	-10,997	-11,402	0,000	-7,747	-7,747	0,000	-3,106	-3,106	0,438
	225	4	0,000	-2,375	-12,142	-12,548	0,000	-9,515	-9,515	0,000	-4,184	-4,184	0,029
	370	5	0,000	-2,500	-13,334	-13,743	0,000	-11,462	-11,462	0,000	-5,492	-5,492	0,000
Plate_1_4	370	1	0,000	-2,500	-13,334	-13,744	0,000	-11,464	-11,464	0,000	-5,492	-5,492	0,000
Element 4-4 (Plate)	373	2	0,000	-2,750	-15,866	-16,281	0,000	-15,914	-15,914	0,000	-8,898	-8,898	0,000
(Paratia 800)	372	3	0,000	-3,000	-18,595	-19,018	0,000	-21,099	-21,099	0,000	-13,511	-13,511	0,000
	371	4	0,000	-3,250	-21,519	-21,951	0,000	-27,018	-27,018	0,000	-19,512	-19,512	0,000
	474	5	0,000	-3,500	-24,638	-25,078	0,000	-33,668	-33,668	0,000	-27,081	-27,081	0,000
Plate_1_5	474	1	0,000	-3,500	-24,639	-25,080	0,000	-33,672	-33,672	0,000	-27,081	-27,081	0,000
Element 5-5 (Plate)	475	2	0,000	-3,670	-26,872	-27,320	0,000	-38,616	-38,616	0,009	-33,218	-33,218	0,000
(Paratia 800)	476	3	0,000	-3,840	-29,199	-29,653	0,000	-43,907	-43,907	0,029	-40,230	-40,230	0,000
	477	4	0,000	-4,010	-31,617	-32,078	0,000	-49,543	-49,543	0,051	-48,170	-48,170	0,000
	510	5	0,000	-4,180	-34,125	-34,594	0,000	-55,519	-55,519	0,073	-57,093	-57,093	0,000
Plate_1_6	510	1	0,000	-4,180	-34,567	-34,666	0,000	-54,761	-55,211	0,072	-57,093	-57,093	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Element 6-6 (Plate)	513	2	0,000	-4,260	-35,780	-35,881	0,000	-57,693	-58,140	0,081	-61,590	-61,590	0,000
(Paratia 800)	512	3	0,000	-4,340	-37,013	-37,117	0,000	-60,703	-61,148	0,089	-66,326	-66,326	0,000
	511	4	0,000	-4,420	-38,267	-38,374	0,000	-63,790	-64,232	0,096	-71,307	-71,307	0,000
	540	5	0,000	-4,500	-39,541	-39,651	0,000	-66,952	-67,391	0,102	-76,535	-76,535	0,000
Plate_1_7	540	1	0,000	-4,500	-39,507	-39,610	0,000	-66,828	-67,230	0,102	-76,535	-76,535	0,000
Element 7-7 (Plate)	543	2	0,000	-4,613	-40,397	-40,483	0,000	-69,008	-69,338	0,108	-84,184	-84,184	0,000
(Paratia 800)	542	3	0,000	-4,725	-41,150	-41,231	0,000	-70,670	-70,968	0,112	-92,052	-92,052	0,000
	541	4	0,000	-4,838	-41,771	-41,856	0,000	-71,843	-72,135	0,112	-100,081	-100,081	0,000
	576	5	0,000	-4,950	-42,269	-42,364	0,000	-72,554	-72,859	0,109	-108,210	-108,210	0,000
Plate_1_7	576	1	0,000	-4,950	-42,268	-42,360	0,000	-72,547	-72,846	0,109	-108,210	-108,210	0,000
Element 7-8 (Plate)	577	2	0,000	-5,031	-42,556	-42,652	0,000	-72,803	-73,103	0,105	-114,042	-114,042	0,000
(Paratia 800)	578	3	0,000	-5,111	-42,791	-42,891	0,000	-72,860	-73,159	0,098	-119,888	-119,888	0,000
	579	4	0,000	-5,191	-42,975	-43,078	0,000	-72,722	-73,017	0,088	-125,731	-125,731	0,000
	630	5	0,000	-5,271	-43,106	-43,212	0,000	-72,390	-72,678	0,076	-131,553	-131,553	0,000
Plate_1_7	630	1	0,000	-5,271	-43,106	-43,212	0,000	-72,389	-72,678	0,075	-131,553	-131,553	0,000
Element 7-9 (Plate)	631	2	0,000	-5,328	-43,169	-43,277	0,000	-72,038	-72,322	0,064	-135,682	-135,682	0,000
(Paratia 800)	632	3	0,000	-5,386	-43,205	-43,315	0,000	-71,587	-71,865	0,052	-139,790	-139,790	0,000
	633	4	0,000	-5,443	-43,215	-43,325	0,000	-71,034	-71,305	0,037	-143,870	-143,870	0,000
	664	5	0,000	-5,500	-43,197	-43,308	0,000	-70,378	-70,642	0,019	-147,913	-147,913	0,000
Plate_1_8	664	1	0,000	-5,500	-43,195	-43,306	0,000	-70,373	-70,635	0,019	-147,913	-147,913	0,000
Element 8-10 (Plate)	665	2	0,000	-5,512	-43,187	-43,298	0,000	-70,213	-70,473	0,015	-148,792	-148,792	0,000
(Paratia 800)	666	3	0,000	-5,525	-43,177	-43,287	0,000	-70,045	-70,301	0,011	-149,668	-149,668	0,000
	667	4	0,000	-5,537	-43,164	-43,274	0,000	-69,870	-70,122	0,007	-150,543	-150,543	0,000
	996	5	0,000	-5,550	-43,150	-43,260	0,000	-69,689	-69,937	0,002	-151,415	-151,415	0,000
Plate_1_9	996	1	0,000	-5,550	-43,161	-43,271	0,000	-69,722	-69,968	0,004	-151,415	-151,415	0,000
Element 9-11 (Plate)	997	2	0,000	-5,583	-42,907	-43,015	0,000	-68,553	-68,780	0,000	-153,663	-153,663	0,000
(Paratia 800)	998	3	0,000	-5,615	-42,661	-42,769	0,000	-67,412	-67,625	0,000	-155,874	-155,874	0,000
	999	4	0,000	-5,648	-42,420	-42,528	0,000	-66,288	-66,488	0,000	-158,048	-158,048	0,000
	1020	5	0,000	-5,680	-42,180	-42,289	0,000	-65,169	-65,357	0,000	-160,185	-160,185	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_10	1020	1	0,000	-5,680	-42,181	-42,289	0,000	-65,170	-65,357	0,000	-160,185	-160,185	0,000
Element 10-12 (Plate)	1021	2	0,000	-5,728	-41,825	-41,934	0,000	-63,517	-63,683	0,000	-163,239	-163,239	0,000
(Paratia 800)	1022	3	0,000	-5,775	-41,467	-41,575	0,000	-61,852	-61,997	0,000	-166,217	-166,217	0,000
	1023	4	0,000	-5,823	-41,105	-41,213	0,000	-60,178	-60,300	0,000	-169,114	-169,114	0,000
	1416	5	0,000	-5,870	-40,742	-40,849	0,000	-58,499	-58,597	0,000	-171,931	-171,931	0,000
Plate_1_11	1416	1	0,000	-5,870	-40,743	-40,850	0,000	-58,502	-58,600	0,000	-171,931	-171,931	0,000
Element 12-21 (Plate)	1417	2	0,000	-5,943	-40,186	-40,291	0,000	-55,922	-55,981	0,000	-176,117	-176,117	0,000
(Paratia 800)	1418	3	0,000	-6,016	-39,629	-39,733	0,000	-53,344	-53,371	0,000	-180,116	-180,116	0,000
	1419	4	0,000	-6,090	-39,073	-39,174	0,000	-50,767	-50,774	0,000	-183,926	-183,926	0,000
	1722	5	0,000	-6,163	-38,516	-38,614	0,000	-48,188	-48,191	0,000	-187,546	-187,546	0,000
Plate_1_11	1722	1	0,000	-6,163	-38,517	-38,615	0,000	-48,190	-48,193	0,000	-187,546	-187,546	0,000
Element 12-22 (Plate)	1723	2	0,000	-6,250	-37,851	-37,946	0,000	-45,109	-45,109	0,403	-191,624	-191,624	0,000
(Paratia 800)	1724	3	0,000	-6,338	-37,190	-37,282	0,000	-42,041	-42,041	1,744	-195,435	-195,435	0,000
	1725	4	0,000	-6,425	-36,534	-36,623	0,000	-38,992	-38,992	2,979	-198,979	-198,979	0,000
	2258	5	0,000	-6,512	-35,885	-35,971	0,000	-35,965	-35,965	4,108	-202,255	-202,255	0,000
Plate_1_11	2258	1	0,000	-6,512	-35,888	-35,973	0,000	-35,968	-35,968	4,114	-202,255	-202,255	0,000
Element 12-23 (Plate)	2259	2	0,000	-6,617	-35,127	-35,210	0,000	-32,395	-32,395	5,338	-205,826	-205,826	0,000
(Paratia 800)	2260	3	0,000	-6,721	-34,388	-34,469	0,000	-28,872	-28,872	6,445	-209,027	-209,027	0,000
	2261	4	0,000	-6,826	-33,672	-33,750	0,000	-25,402	-25,402	7,437	-211,863	-211,863	0,000
	2690	5	0,000	-6,930	-32,979	-33,055	0,000	-21,989	-21,989	8,316	-214,337	-214,337	0,000
Plate_1_11	2690	1	0,000	-6,930	-32,979	-33,056	0,000	-21,994	-21,994	8,324	-214,337	-214,337	0,000
Element 12-24 (Plate)	2691	2	0,000	-7,055	-32,185	-32,259	0,000	-18,003	-18,003	9,248	-216,833	-216,833	0,000
(Paratia 800)	2692	3	0,000	-7,180	-31,427	-31,499	0,000	-14,124	-14,124	10,055	-218,837	-218,837	0,000
	2693	4	0,000	-7,305	-30,708	-30,777	0,000	-10,366	-10,366	10,749	-220,366	-220,366	0,000
	3440	5	0,000	-7,430	-30,027	-30,094	0,000	-6,735	-6,735	11,550	-221,432	-221,432	0,000
Plate_1_11	3440	1	0,000	-7,430	-30,028	-30,095	0,000	-6,741	-6,741	11,556	-221,432	-221,432	0,000
Element 12-25 (Plate)	3441	2	0,000	-7,579	-29,268	-29,331	0,000	-2,592	-2,592	12,975	-222,125	-222,125	0,000
(Paratia 800)	3442	3	0,000	-7,728	-28,569	-28,628	0,000	1,341	0,000	14,221	-222,215	-222,215	0,000
	3443	4	0,000	-7,877	-27,932	-27,985	0,000	5,053	0,000	15,298	-221,736	-221,736	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	3844	5	0,000	-8,027	-27,357	-27,403	0,000	8,539	0,000	16,207	-220,719	-220,719	0,000
Plate_1_11	3844	1	0,000	-8,027	-27,339	-27,391	0,000	8,538	0,000	16,215	-220,719	-220,719	0,000
Element 12-26 (Plate)	3845	2	0,000	-8,205	-26,768	-26,784	0,000	12,387	0,000	17,885	-218,850	-218,850	0,000
(Paratia 800)	3846	3	0,000	-8,383	-26,200	-26,205	0,000	15,902	0,000	19,716	-216,322	-216,322	0,000
	3847	4	0,000	-8,561	-25,637	-25,639	0,000	19,085	0,000	21,284	-213,198	-213,198	0,000
	4104	5	0,000	-8,740	-25,083	-25,083	0,282	21,934	0,000	22,730	-209,538	-209,538	0,000
Plate_1_11	4104	1	0,000	-8,740	-25,090	-25,090	0,280	21,941	0,000	22,735	-209,538	-209,538	0,000
Element 12-27 (Plate)	4105	2	0,000	-8,953	-24,458	-24,458	1,274	24,924	0,000	25,074	-204,539	-204,539	0,000
(Paratia 800)	4106	3	0,000	-9,166	-23,871	-23,871	2,214	27,469	0,000	27,488	-198,950	-198,950	0,000
	4107	4	0,000	-9,379	-23,330	-23,330	3,100	29,579	0,000	29,582	-192,864	-192,864	0,000
	4678	5	0,000	-9,592	-22,834	-22,834	3,931	31,260	0,000	31,260	-186,378	-186,378	0,083
Plate_1_11	4678	1	0,000	-9,592	-22,826	-22,826	3,931	31,328	0,000	31,328	-186,378	-186,378	0,083
Element 12-28 (Plate)	4679	2	0,000	-9,846	-22,296	-22,296	4,855	32,766	0,000	32,766	-178,214	-178,214	0,216
(Paratia 800)	4680	3	0,000	-10,101	-21,774	-21,774	5,699	33,979	0,000	33,979	-169,719	-169,719	0,348
	4681	4	0,000	-10,355	-21,175	-21,175	6,459	35,137	0,000	35,137	-160,917	-160,917	0,469
	5370	5	0,000	-10,610	-20,411	-20,411	7,134	36,407	0,000	36,407	-151,819	-151,819	0,568
Plate_1_12	5370	1	0,000	-10,610	-20,681	-20,681	7,022	37,004	0,000	37,004	-151,819	-151,819	0,568
Element 13-29 (Plate)	5371	2	0,000	-10,857	-18,392	-18,392	8,075	39,418	0,000	39,418	-142,348	-142,348	0,622
(Paratia 800)	5372	3	0,000	-11,104	-16,244	-16,244	9,067	40,512	0,000	40,512	-132,449	-132,449	0,648
	5373	4	0,000	-11,351	-14,218	-14,539	9,999	40,470	-0,024	40,470	-122,414	-122,414	0,653
	5578	5	0,000	-11,598	-12,298	-14,497	10,875	39,475	-0,045	39,475	-112,523	-112,523	0,647
Plate_1_12	5578	1	0,000	-11,598	-12,282	-14,497	10,876	39,625	-0,049	39,625	-112,523	-112,523	0,647
Element 13-30 (Plate)	5579	2	0,000	-11,852	-10,356	-14,445	11,721	38,270	-0,068	38,270	-102,641	-102,641	0,633
(Paratia 800)	5580	3	0,000	-12,106	-8,491	-14,383	12,508	36,654	-0,087	36,654	-93,134	-93,134	0,613
	5581	4	0,000	-12,359	-6,688	-14,310	13,237	34,817	-0,099	34,817	-84,064	-84,064	0,589
	5646	5	0,000	-12,613	-4,947	-14,227	13,907	32,797	-0,105	32,797	-75,489	-75,489	0,563
Plate_1_12	5646	1	0,000	-12,613	-4,947	-14,226	13,907	32,832	-0,106	32,832	-75,489	-75,489	0,563
Element 13-31 (Plate)	5647	2	0,000	-12,873	-3,222	-14,130	14,533	30,701	-0,110	30,701	-67,223	-67,223	0,535
(Paratia 800)	5648	3	0,000	-13,133	-1,563	-14,020	15,097	28,560	-0,112	28,560	-59,510	-59,510	0,506

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	5649	4	0,000	-13,394	0,029	-13,898	15,598	26,422	-0,112	26,422	-52,353	-52,353	0,477
	6192	5	0,000	-13,654	1,553	-13,763	16,036	24,299	-0,109	24,299	-45,755	-45,755	0,448
Plate_1_12	6192	1	0,000	-13,654	1,551	-13,762	16,036	24,309	-0,109	24,309	-45,755	-45,755	0,448
Element 13-32 (Plate)	6193	2	0,000	-13,921	3,041	-13,609	16,421	22,198	-0,105	22,198	-39,547	-39,547	0,464
(Paratia 800)	6194	3	0,000	-14,188	4,448	-13,440	16,739	20,163	-0,100	20,163	-33,890	-33,890	0,967
	6195	4	0,000	-14,455	5,772	-13,254	16,990	18,206	-0,095	18,206	-28,767	-28,767	1,390
	6304	5	0,000	-14,722	7,010	-13,052	17,296	16,333	-0,092	16,333	-24,157	-24,157	1,742
Plate_1_12	6304	1	0,000	-14,722	7,005	-13,051	17,295	16,334	-0,092	16,334	-24,157	-24,157	1,742
Element 13-33 (Plate)	6305	2	0,000	-14,996	8,178	-12,825	17,856	14,524	-0,089	14,524	-19,931	-19,931	2,034
(Paratia 800)	6306	3	0,000	-15,271	9,238	-12,577	18,310	12,823	-0,087	12,823	-16,185	-16,185	2,264
	6307	4	0,000	-15,545	10,184	-12,307	18,656	11,235	-0,086	11,235	-12,890	-12,890	2,434
	6344	5	0,000	-15,819	11,015	-12,014	18,892	9,762	-0,085	9,762	-10,015	-10,015	2,547
Plate_1_12	6344	1	0,000	-15,819	11,011	-12,012	18,888	9,761	-0,085	9,761	-10,015	-10,015	2,547
Element 13-34 (Plate)	6345	2	0,000	-16,100	11,734	-11,687	19,012	8,371	-0,086	8,371	-7,468	-7,468	2,606
(Paratia 800)	6346	3	0,000	-16,381	12,319	-11,330	19,006	7,095	-0,103	7,095	-5,295	-5,295	2,605
	6347	4	0,000	-16,663	12,761	-10,942	18,867	5,931	-0,292	5,931	-3,465	-3,465	2,770
	6520	5	0,000	-16,944	13,061	-10,522	18,594	4,878	-0,460	4,878	-1,948	-1,948	2,995
Plate_1_12	6520	1	0,000	-16,944	13,053	-10,519	18,585	4,872	-0,457	4,872	-1,948	-1,948	2,995
Element 13-35 (Plate)	6521	2	0,000	-17,233	13,203	-10,051	18,156	3,893	-0,585	3,893	-0,685	-0,685	3,107
(Paratia 800)	6522	3	0,000	-17,521	13,172	-9,537	17,546	2,994	-0,688	2,994	0,308	0,000	3,091
	6523	4	0,000	-17,810	12,958	-8,974	16,752	2,171	-0,769	2,171	1,052	0,000	2,960
	6956	5	0,000	-18,099	12,558	-8,364	15,773	1,415	-0,949	1,415	1,568	-0,003	2,907
Plate_1_12	6956	1	0,000	-18,099	12,545	-8,357	15,768	1,436	-0,943	1,436	1,568	-0,003	2,907
Element 13-36 (Plate)	6957	2	0,000	-18,395	11,906	-7,672	14,559	0,574	-1,188	0,574	1,864	-0,006	2,773
(Paratia 800)	6958	3	0,000	-18,691	11,005	-6,907	13,134	-0,200	-1,364	0,000	1,916	-0,013	2,475
	6959	4	0,000	-18,988	9,841	-6,059	11,493	-0,860	-1,588	0,000	1,756	-0,020	2,054
	7450	5	0,000	-19,284	8,411	-5,126	9,636	-1,384	-1,805	0,003	1,420	-0,024	1,548
Plate_1_12	7450	1	0,000	-19,284	8,420	-5,098	9,638	-1,298	-1,740	0,000	1,420	-0,024	1,548
Element 13-37 (Plate)	7451	2	0,000	-19,588	6,618	-4,043	7,477	-1,675	-1,864	0,025	0,953	-0,025	0,991

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
(Paratia 800)	7452	3	0,000	-19,892	4,543	-2,788	5,093	-1,506	-1,560	0,047	0,457	-0,013	0,470
	7453	4	0,000	-20,196	2,218	-1,315	2,478	-0,829	-0,846	0,032	0,089	-0,001	0,091
	7454	5	0,000	-20,500	-0,335	-0,377	0,396	0,315	-0,039	0,315	0,000	0,000	0,000

3.1.1.1.5 Calculation results, Plate, scavo per plinto [Phase_4] (4/155), Table of plate force envelopes

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_1	118	1	0,000	-0,500	-0,001	-0,002	0,046	0,004	-0,037	0,008	0,000	0,000	0,000
Element 1-1 (Plate)	117	2	0,000	-0,625	-0,666	-0,676	0,000	-0,013	-0,074	0,193	-0,001	-0,005	0,008
(Paratia 800)	116	3	0,000	-0,750	-1,337	-1,352	0,000	-0,035	-0,135	0,520	-0,003	-0,018	0,053
	115	4	0,000	-0,875	-2,017	-2,027	0,000	-0,077	-0,180	0,904	-0,010	-0,038	0,141
	119	5	0,000	-1,000	-2,708	-2,708	0,000	-0,152	-0,248	1,309	-0,024	-0,062	0,279
Plate_1_2	119	1	0,000	-1,000	-2,737	-2,748	0,000	-0,266	-0,295	1,273	-0,024	-0,062	0,279
Element 2-2 (Plate)	67	2	0,000	-1,250	-4,041	-4,066	0,000	-0,125	-0,345	1,334	-0,065	-0,120	0,615
(Paratia 800)	66	3	0,000	-1,500	-5,505	-5,576	0,000	-0,576	-1,017	0,938	-0,133	-0,252	0,908
	65	4	0,000	-1,750	-7,178	-7,299	0,000	-1,810	-2,454	0,102	-0,418	-0,672	1,047
	224	5	0,000	-2,000	-9,109	-9,277	0,000	-4,013	-4,829	0,000	-1,122	-1,559	0,923
Plate_1_3	224	1	0,000	-2,000	-9,087	-9,255	0,000	-3,930	-4,754	0,000	-1,122	-1,559	0,923
Element 3-3 (Plate)	227	2	0,000	-2,125	-10,109	-10,304	0,000	-5,245	-6,160	0,000	-1,693	-2,239	0,732
(Paratia 800)	226	3	0,000	-2,250	-11,180	-11,402	0,000	-6,742	-7,747	0,000	-2,441	-3,106	0,438
	225	4	0,000	-2,375	-12,300	-12,548	0,000	-8,420	-9,515	0,000	-3,386	-4,184	0,029
	370	5	0,000	-2,500	-13,467	-13,743	0,000	-10,279	-11,462	0,000	-4,553	-5,492	0,000
Plate_1_4	370	1	0,000	-2,500	-13,467	-13,744	0,000	-10,277	-11,464	0,000	-4,553	-5,492	0,000
Element 4-4 (Plate)	373	2	0,000	-2,750	-15,949	-16,281	0,000	-14,548	-15,914	0,000	-7,640	-8,898	0,000
(Paratia 800)	372	3	0,000	-3,000	-18,623	-19,018	0,000	-19,535	-21,099	0,000	-11,887	-13,511	0,000
	371	4	0,000	-3,250	-21,487	-21,951	0,000	-25,237	-27,018	0,000	-17,470	-19,512	0,000
	474	5	0,000	-3,500	-24,540	-25,078	0,000	-31,649	-33,668	0,000	-24,564	-27,081	0,000
Plate_1_5	474	1	0,000	-3,500	-24,541	-25,080	0,000	-31,652	-33,672	0,000	-24,564	-27,081	0,000
Element 5-5 (Plate)	475	2	0,000	-3,670	-26,726	-27,320	0,000	-36,420	-38,616	0,009	-30,344	-33,218	0,000
(Paratia 800)	476	3	0,000	-3,840	-29,000	-29,653	0,000	-41,522	-43,907	0,029	-36,966	-40,230	0,000
	477	4	0,000	-4,010	-31,363	-32,078	0,000	-46,955	-49,543	0,051	-44,484	-48,170	0,000
	510	5	0,000	-4,180	-33,813	-34,594	0,000	-52,714	-55,519	0,073	-52,949	-57,093	0,000
Plate_1_6	510	1	0,000	-4,180	-80,899	-80,899	0,000	28,511	-55,211	28,511	-52,949	-57,093	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Element 6-6 (Plate)	513	2	0,000	-4,260	-82,082	-82,082	0,000	25,687	-58,140	25,687	-50,781	-61,590	0,000
(Paratia 800)	512	3	0,000	-4,340	-83,285	-83,285	0,000	22,789	-61,148	22,789	-48,841	-66,326	0,000
	511	4	0,000	-4,420	-84,508	-84,508	0,000	19,820	-64,232	19,820	-47,136	-71,307	0,000
	540	5	0,000	-4,500	-85,748	-85,748	0,000	16,781	-67,391	16,781	-45,672	-76,535	0,000
Plate_1_7	540	1	0,000	-4,500	-85,749	-85,749	0,000	16,779	-67,230	16,779	-45,672	-76,535	0,000
Element 7-7 (Plate)	543	2	0,000	-4,613	-87,526	-87,526	0,000	12,382	-69,338	12,382	-44,029	-84,184	0,000
(Paratia 800)	542	3	0,000	-4,725	-89,343	-89,343	0,000	7,841	-70,968	7,841	-42,890	-92,052	0,000
	541	4	0,000	-4,838	-91,197	-91,197	0,000	3,160	-72,135	3,160	-42,269	-100,081	0,000
	576	5	0,000	-4,950	-93,086	-93,086	0,000	-1,656	-72,859	0,109	-42,183	-108,210	0,000
Plate_1_7	576	1	0,000	-4,950	-93,087	-93,087	0,000	-1,657	-72,846	0,109	-42,183	-108,210	0,000
Element 7-8 (Plate)	577	2	0,000	-5,031	-94,456	-94,456	0,000	-5,173	-73,103	0,105	-42,456	-114,042	0,000
(Paratia 800)	578	3	0,000	-5,111	-95,844	-95,844	0,000	-8,757	-73,159	0,098	-43,015	-119,888	0,000
	579	4	0,000	-5,191	-97,249	-97,249	0,000	-12,407	-73,017	0,088	-43,864	-125,731	0,000
	630	5	0,000	-5,271	-98,670	-98,670	0,000	-16,118	-72,678	0,076	-45,007	-131,553	0,000
Plate_1_7	630	1	0,000	-5,271	-98,670	-98,670	0,000	-16,119	-72,678	0,075	-45,007	-131,553	0,000
Element 7-9 (Plate)	631	2	0,000	-5,328	-99,692	-99,692	0,000	-18,798	-72,322	0,064	-46,005	-135,682	0,000
(Paratia 800)	632	3	0,000	-5,386	-100,723	-100,723	0,000	-21,507	-71,865	0,052	-47,158	-139,790	0,000
	633	4	0,000	-5,443	-101,759	-101,759	0,000	-24,237	-71,305	0,037	-48,466	-143,870	0,000
	664	5	0,000	-5,500	-102,798	-102,798	0,000	-26,982	-70,642	0,019	-49,930	-147,913	0,000
Plate_1_8	664	1	0,000	-5,500	-102,799	-102,799	0,000	-26,983	-70,635	0,019	-49,930	-147,913	0,000
Element 8-10 (Plate)	665	2	0,000	-5,512	-103,026	-103,026	0,000	-27,585	-70,473	0,015	-50,271	-148,792	0,000
(Paratia 800)	666	3	0,000	-5,525	-103,254	-103,254	0,000	-28,186	-70,301	0,011	-50,620	-149,668	0,000
	667	4	0,000	-5,537	-103,476	-103,476	0,000	-28,767	-70,122	0,007	-50,976	-150,543	0,000
	996	5	0,000	-5,550	-103,687	-103,687	0,000	-29,306	-69,937	0,002	-51,339	-151,415	0,000
Plate_1_9	996	1	0,000	-5,550	-103,718	-103,718	0,000	-29,395	-69,968	0,004	-51,339	-151,415	0,000
Element 9-11 (Plate)	997	2	0,000	-5,583	-104,273	-104,273	0,000	-30,689	-68,780	0,000	-52,316	-153,663	0,000
(Paratia 800)	998	3	0,000	-5,615	-104,835	-104,835	0,000	-32,003	-67,625	0,000	-53,335	-155,874	0,000
	999	4	0,000	-5,648	-105,405	-105,405	0,000	-33,344	-66,488	0,000	-54,398	-158,048	0,000
	1020	5	0,000	-5,680	-105,985	-105,985	0,000	-34,721	-65,357	0,000	-55,504	-160,185	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_10	1020	1	0,000	-5,680	-105,983	-105,983	0,000	-34,717	-65,357	0,000	-55,504	-160,185	0,000
Element 10-12 (Plate)	1021	2	0,000	-5,728	-106,838	-106,838	0,000	-36,751	-63,683	0,000	-57,200	-163,239	0,000
(Paratia 800)	1022	3	0,000	-5,775	-107,706	-107,706	0,000	-38,835	-61,997	0,000	-58,995	-166,217	0,000
	1023	4	0,000	-5,823	-108,587	-108,587	0,000	-40,961	-61,183	0,000	-60,890	-169,114	0,000
	1416	5	0,000	-5,870	-109,480	-109,480	0,000	-43,123	-61,268	0,000	-62,885	-171,931	0,000
Plate_1_11	1416	1	0,000	-5,870	-109,382	-109,382	0,000	-42,810	-61,120	0,000	-62,885	-171,931	0,000
Element 12-21 (Plate)	1417	2	0,000	-5,943	-109,785	-109,785	0,000	-43,661	-59,087	0,000	-66,045	-176,117	0,000
(Paratia 800)	1418	3	0,000	-6,016	-110,301	-110,301	0,000	-44,856	-57,357	0,000	-69,285	-180,116	0,000
	1419	4	0,000	-6,090	-110,881	-110,881	0,000	-46,243	-55,858	0,000	-72,617	-183,926	0,000
	1722	5	0,000	-6,163	-111,479	-111,479	0,000	-47,669	-54,521	0,000	-76,053	-187,546	0,000
Plate_1_11	1722	1	0,000	-6,163	-111,458	-111,458	0,000	-47,602	-54,456	0,000	-76,053	-187,546	0,000
Element 12-22 (Plate)	1723	2	0,000	-6,250	-112,116	-112,116	0,000	-49,100	-52,993	0,403	-80,281	-191,624	0,000
(Paratia 800)	1724	3	0,000	-6,338	-112,739	-112,739	0,000	-50,466	-53,039	1,744	-84,636	-195,435	0,000
	1725	4	0,000	-6,425	-113,321	-113,321	0,000	-51,686	-52,985	2,979	-89,104	-198,979	0,000
	2258	5	0,000	-6,512	-113,860	-113,860	0,000	-52,747	-52,916	4,108	-93,671	-202,255	0,000
Plate_1_11	2258	1	0,000	-6,512	-113,868	-113,868	0,000	-52,775	-52,941	4,114	-93,671	-202,255	0,000
Element 12-23 (Plate)	2259	2	0,000	-6,617	-114,464	-114,464	0,000	-53,870	-53,870	5,338	-99,243	-205,826	0,000
(Paratia 800)	2260	3	0,000	-6,721	-115,006	-115,006	0,000	-54,770	-54,770	6,445	-104,922	-209,027	0,000
	2261	4	0,000	-6,826	-115,491	-115,491	0,000	-55,472	-55,472	7,437	-110,684	-211,863	0,000
	2690	5	0,000	-6,930	-115,918	-115,918	0,000	-55,967	-55,967	8,316	-116,507	-214,337	0,000
Plate_1_11	2690	1	0,000	-6,930	-115,922	-115,922	0,000	-55,983	-55,983	8,324	-116,507	-214,337	0,000
Element 12-24 (Plate)	2691	2	0,000	-7,055	-116,360	-116,360	0,000	-56,324	-56,324	9,248	-123,519	-216,833	0,000
(Paratia 800)	2692	3	0,000	-7,180	-116,723	-116,723	0,000	-56,408	-56,408	10,055	-130,561	-218,837	0,000
	2693	4	0,000	-7,305	-117,013	-117,013	0,000	-56,238	-56,238	10,749	-137,597	-220,366	0,000
	3440	5	0,000	-7,430	-117,230	-117,230	0,000	-55,816	-55,816	11,550	-144,593	-221,432	0,000
Plate_1_11	3440	1	0,000	-7,430	-117,232	-117,232	0,000	-55,822	-55,822	11,556	-144,593	-221,432	0,000
Element 12-25 (Plate)	3441	2	0,000	-7,579	-117,400	-117,400	0,000	-55,006	-55,006	12,975	-152,863	-222,125	0,000
(Paratia 800)	3442	3	0,000	-7,728	-117,476	-117,476	0,000	-53,875	-53,875	14,221	-160,990	-222,215	0,000
	3443	4	0,000	-7,877	-117,464	-117,464	0,000	-52,441	-52,441	15,298	-168,927	-221,736	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	3844	5	0,000	-8,027	-117,366	-117,366	0,000	-50,715	-50,715	16,207	-176,624	-220,719	0,000
Plate_1_11	3844	1	0,000	-8,027	-117,369	-117,369	0,000	-50,726	-50,726	16,215	-176,624	-220,719	0,000
Element 12-26 (Plate)	3845	2	0,000	-8,205	-117,152	-117,152	0,000	-48,319	-48,319	17,885	-185,455	-220,422	0,000
(Paratia 800)	3846	3	0,000	-8,383	-116,840	-116,840	0,000	-45,586	-45,586	19,716	-193,832	-221,563	0,000
	3847	4	0,000	-8,561	-116,441	-116,441	0,000	-42,553	-42,553	21,284	-201,695	-221,995	0,000
	4104	5	0,000	-8,740	-115,962	-115,962	0,282	-39,244	-39,244	22,730	-208,988	-221,743	0,000
Plate_1_11	4104	1	0,000	-8,740	-115,969	-115,969	0,280	-39,267	-39,267	22,735	-208,988	-221,743	0,000
Element 12-27 (Plate)	4105	2	0,000	-8,953	-115,319	-115,319	1,274	-35,043	-35,043	25,074	-216,905	-224,169	0,000
(Paratia 800)	4106	3	0,000	-9,166	-114,614	-114,614	2,214	-30,622	-30,622	27,488	-223,903	-227,054	0,000
	4107	4	0,000	-9,379	-113,864	-113,864	3,100	-26,043	-26,043	29,582	-229,943	-230,646	0,000
	4678	5	0,000	-9,592	-113,081	-113,081	3,931	-21,344	-21,344	31,260	-234,991	-235,125	0,083
Plate_1_11	4678	1	0,000	-9,592	-113,075	-113,075	3,931	-21,325	-21,325	31,328	-234,991	-235,125	0,083
Element 12-28 (Plate)	4679	2	0,000	-9,846	-112,138	-112,138	4,855	-15,691	-15,691	32,766	-239,701	-239,701	0,216
(Paratia 800)	4680	3	0,000	-10,101	-111,151	-111,151	5,699	-9,891	-9,891	33,979	-242,967	-242,967	0,348
	4681	4	0,000	-10,355	-110,061	-110,061	6,459	-3,744	-3,744	35,137	-244,708	-244,708	0,469
	5370	5	0,000	-10,610	-108,813	-108,813	7,134	2,932	0,000	36,407	-244,826	-244,826	0,568
Plate_1_12	5370	1	0,000	-10,610	-108,399	-108,399	7,022	4,064	0,000	37,004	-244,826	-244,826	0,568
Element 13-29 (Plate)	5371	2	0,000	-10,857	-104,945	-104,945	8,075	16,035	0,000	39,418	-242,284	-242,284	0,622
(Paratia 800)	5372	3	0,000	-11,104	-101,699	-101,699	9,067	25,391	0,000	40,583	-237,119	-237,119	0,648
	5373	4	0,000	-11,351	-98,621	-98,621	9,999	32,407	-0,024	42,430	-229,924	-229,924	0,653
	5578	5	0,000	-11,598	-95,670	-95,670	10,875	37,359	-0,045	42,870	-221,269	-221,269	0,647
Plate_1_12	5578	1	0,000	-11,598	-95,634	-95,634	10,876	37,589	-0,049	43,059	-221,269	-221,269	0,647
Element 13-30 (Plate)	5579	2	0,000	-11,852	-92,619	-92,619	11,721	41,488	-0,068	43,884	-211,219	-211,219	0,633
(Paratia 800)	5580	3	0,000	-12,106	-89,641	-89,641	12,508	44,256	-0,087	44,873	-200,322	-200,322	0,613
	5581	4	0,000	-12,359	-86,698	-86,698	13,237	45,969	-0,099	46,062	-188,856	-188,856	0,589
	5646	5	0,000	-12,613	-83,789	-83,789	13,907	46,707	-0,105	46,707	-177,088	-177,088	0,563
Plate_1_12	5646	1	0,000	-12,613	-83,781	-83,781	13,907	46,791	-0,106	46,791	-177,088	-177,088	0,563
Element 13-31 (Plate)	5647	2	0,000	-12,873	-80,804	-80,804	14,533	46,844	-0,110	46,844	-164,893	-164,893	0,535
(Paratia 800)	5648	3	0,000	-13,133	-77,831	-77,831	15,097	46,386	-0,112	46,386	-152,749	-152,749	0,506

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	5649	4	0,000	-13,394	-74,863	-74,863	15,598	45,469	-0,112	45,469	-140,782	-140,782	0,477
	6192	5	0,000	-13,654	-71,903	-71,903	16,036	44,142	-0,109	44,142	-129,116	-129,116	0,448
Plate_1_12	6192	1	0,000	-13,654	-71,899	-71,899	16,036	44,183	-0,109	44,183	-129,116	-129,116	0,448
Element 13-32 (Plate)	6193	2	0,000	-13,921	-68,855	-68,855	16,421	42,527	-0,105	42,527	-117,533	-117,533	0,464
(Paratia 800)	6194	3	0,000	-14,188	-65,801	-65,801	16,739	40,660	-0,100	40,660	-106,417	-106,417	0,967
	6195	4	0,000	-14,455	-62,742	-62,742	16,990	38,604	-0,095	38,604	-95,825	-95,825	1,390
	6304	5	0,000	-14,722	-59,678	-59,678	17,296	36,380	-0,092	36,380	-85,810	-85,810	1,742
Plate_1_12	6304	1	0,000	-14,722	-59,679	-59,679	17,295	36,408	-0,092	36,408	-85,810	-85,810	1,742
Element 13-33 (Plate)	6305	2	0,000	-14,996	-56,530	-56,530	17,856	34,014	-0,089	34,014	-76,160	-76,160	2,034
(Paratia 800)	6306	3	0,000	-15,271	-53,381	-53,381	18,310	31,595	-0,087	31,595	-67,166	-67,166	2,264
	6307	4	0,000	-15,545	-50,235	-50,235	18,656	29,166	-0,086	29,166	-58,836	-58,836	2,434
	6344	5	0,000	-15,819	-47,095	-47,095	18,892	26,744	-0,085	26,744	-51,175	-51,175	2,547
Plate_1_12	6344	1	0,000	-15,819	-47,099	-47,099	18,888	26,762	-0,085	26,762	-51,175	-51,175	2,547
Element 13-34 (Plate)	6345	2	0,000	-16,100	-43,891	-43,891	19,012	24,345	-0,086	24,345	-43,991	-43,991	2,606
(Paratia 800)	6346	3	0,000	-16,381	-40,707	-40,707	19,006	22,022	-0,103	22,022	-37,470	-37,470	2,605
	6347	4	0,000	-16,663	-37,552	-37,552	18,867	19,796	-0,292	19,796	-31,589	-31,589	2,770
	6520	5	0,000	-16,944	-34,429	-34,429	18,594	17,675	-0,460	17,675	-26,322	-26,322	2,995
Plate_1_12	6520	1	0,000	-16,944	-34,434	-34,434	18,585	17,677	-0,457	17,677	-26,322	-26,322	2,995
Element 13-35 (Plate)	6521	2	0,000	-17,233	-31,272	-31,272	18,156	15,620	-0,585	15,620	-21,520	-21,520	3,107
(Paratia 800)	6522	3	0,000	-17,521	-28,165	-28,165	17,546	13,678	-0,688	13,678	-17,293	-17,293	3,091
	6523	4	0,000	-17,810	-25,119	-25,119	16,752	11,848	-0,769	11,848	-13,610	-13,610	2,960
	6956	5	0,000	-18,099	-22,135	-22,135	15,773	10,130	-0,949	10,130	-10,441	-10,441	2,907
Plate_1_12	6956	1	0,000	-18,099	-22,136	-22,136	15,768	10,123	-0,943	10,123	-10,441	-10,441	2,907
Element 13-36 (Plate)	6957	2	0,000	-18,395	-19,158	-19,158	14,559	8,460	-1,188	8,460	-7,691	-7,691	2,773
(Paratia 800)	6958	3	0,000	-18,691	-16,258	-16,258	13,134	6,885	-1,364	6,885	-5,420	-5,420	2,475
	6959	4	0,000	-18,988	-13,436	-13,436	11,493	5,405	-1,588	5,405	-3,601	-3,601	2,054
	7450	5	0,000	-19,284	-10,693	-10,693	9,636	4,029	-1,805	4,029	-2,207	-2,207	1,548
Plate_1_12	7450	1	0,000	-19,284	-10,653	-10,653	9,638	4,058	-1,740	4,058	-2,207	-2,207	1,548
Element 13-37 (Plate)	7451	2	0,000	-19,588	-7,962	-7,962	7,477	2,713	-1,864	2,713	-1,196	-1,196	0,991

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
(Paratia 800)	7452	3	0,000	-19,892	-5,246	-5,246	5,093	1,763	-1,560	1,763	-0,511	-0,511	0,470
	7453	4	0,000	-20,196	-2,450	-2,450	2,478	0,890	-0,846	0,890	-0,116	-0,116	0,091
	7454	5	0,000	-20,500	0,478	-0,377	0,478	-0,224	-0,224	0,315	0,000	0,000	0,000

3.1.1.1.6 Calculation results, Plate, scavo totale a valle [Phase_5] (5/163), Table of plate force envelopes

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_1	118	1	0,000	-0,500	0,064	-0,004	0,064	0,218	-0,037	0,218	0,000	0,000	0,000
Element 1-1 (Plate)	117	2	0,000	-0,625	-0,603	-0,687	0,000	-0,467	-0,467	0,193	-0,016	-0,016	0,008
(Paratia 800)	116	3	0,000	-0,750	-1,289	-1,396	0,000	-1,119	-1,119	0,520	-0,115	-0,115	0,053
	115	4	0,000	-0,875	-1,992	-2,125	0,000	-1,780	-1,780	0,904	-0,297	-0,297	0,141
	119	5	0,000	-1,000	-2,713	-2,871	0,000	-2,497	-2,497	1,309	-0,563	-0,563	0,279
Plate_1_2	119	1	0,000	-1,000	-2,699	-2,854	0,000	-2,299	-2,299	1,273	-0,563	-0,563	0,279
Element 2-2 (Plate)	67	2	0,000	-1,250	-4,066	-4,246	0,000	-3,201	-3,201	1,334	-1,243	-1,243	0,615
(Paratia 800)	66	3	0,000	-1,500	-5,584	-5,792	0,000	-4,654	-4,654	0,938	-2,206	-2,206	0,908
	65	4	0,000	-1,750	-7,307	-7,553	0,000	-6,874	-6,874	0,102	-3,635	-3,635	1,047
	224	5	0,000	-2,000	-9,285	-9,574	0,000	-10,076	-10,076	0,000	-5,728	-5,728	0,923
Plate_1_3	224	1	0,000	-2,000	-9,262	-9,551	0,000	-9,979	-9,979	0,000	-5,728	-5,728	0,923
Element 3-3 (Plate)	227	2	0,000	-2,125	-10,305	-10,616	0,000	-11,772	-11,772	0,000	-7,085	-7,085	0,732
(Paratia 800)	226	3	0,000	-2,250	-11,395	-11,731	0,000	-13,740	-13,740	0,000	-8,678	-8,678	0,438
	225	4	0,000	-2,375	-12,533	-12,892	0,000	-15,880	-15,880	0,000	-10,528	-10,528	0,029
	370	5	0,000	-2,500	-13,716	-14,101	0,000	-18,191	-18,191	0,000	-12,655	-12,655	0,000
Plate_1_4	370	1	0,000	-2,500	-13,716	-14,101	0,000	-18,188	-18,188	0,000	-12,655	-12,655	0,000
Element 4-4 (Plate)	373	2	0,000	-2,750	-16,226	-16,663	0,000	-23,338	-23,338	0,000	-17,831	-17,831	0,000
(Paratia 800)	372	3	0,000	-3,000	-18,922	-19,414	0,000	-29,162	-29,162	0,000	-24,381	-24,381	0,000
	371	4	0,000	-3,250	-21,803	-22,351	0,000	-35,655	-35,655	0,000	-32,471	-32,471	0,000
	474	5	0,000	-3,500	-24,865	-25,472	0,000	-42,812	-42,812	0,000	-42,263	-42,263	0,000
Plate_1_5	474	1	0,000	-3,500	-24,866	-25,474	0,000	-42,814	-42,814	0,000	-42,263	-42,263	0,000
Element 5-5 (Plate)	475	2	0,000	-3,670	-27,054	-27,702	0,000	-48,059	-48,059	0,009	-49,981	-49,981	0,000
(Paratia 800)	476	3	0,000	-3,840	-29,329	-30,019	0,000	-53,613	-53,613	0,029	-58,621	-58,621	0,000
	477	4	0,000	-4,010	-31,689	-32,421	0,000	-59,470	-59,470	0,051	-68,231	-68,231	0,000
	510	5	0,000	-4,180	-34,133	-34,908	0,000	-65,628	-65,628	0,073	-78,858	-78,858	0,000
Plate_1_6	510	1	0,000	-4,180	-123,879	-123,879	0,000	89,189	-55,211	89,189	-78,858	-78,858	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Element 6-6 (Plate)	513	2	0,000	-4,260	-125,059	-125,059	0,000	86,189	-58,140	86,189	-71,844	-71,844	0,000
(Paratia 800)	512	3	0,000	-4,340	-126,258	-126,258	0,000	83,124	-61,148	83,124	-65,069	-66,326	0,000
	511	4	0,000	-4,420	-127,476	-127,476	0,000	79,997	-64,232	79,997	-58,542	-71,307	0,000
	540	5	0,000	-4,500	-128,711	-128,711	0,000	76,810	-67,391	76,810	-52,271	-76,535	0,000
Plate_1_7	540	1	0,000	-4,500	-128,711	-128,711	0,000	76,808	-67,230	76,808	-52,271	-76,535	0,000
Element 7-7 (Plate)	543	2	0,000	-4,613	-130,481	-130,481	0,000	72,218	-69,338	72,218	-43,884	-84,184	0,000
(Paratia 800)	542	3	0,000	-4,725	-132,288	-132,288	0,000	67,503	-70,968	67,503	-36,016	-92,052	0,000
	541	4	0,000	-4,838	-134,130	-134,130	0,000	62,668	-72,135	62,668	-28,686	-100,081	0,000
	576	5	0,000	-4,950	-136,007	-136,007	0,000	57,715	-72,859	57,715	-21,911	-108,210	0,000
Plate_1_7	576	1	0,000	-4,950	-136,007	-136,007	0,000	57,713	-72,846	57,713	-21,911	-108,210	0,000
Element 7-8 (Plate)	577	2	0,000	-5,031	-137,366	-137,366	0,000	54,111	-73,103	54,111	-17,425	-114,042	0,000
(Paratia 800)	578	3	0,000	-5,111	-138,743	-138,743	0,000	50,449	-73,159	50,449	-13,229	-119,888	0,000
	579	4	0,000	-5,191	-140,136	-140,136	0,000	46,730	-73,017	46,730	-9,329	-125,731	0,000
	630	5	0,000	-5,271	-141,545	-141,545	0,000	42,958	-72,678	42,958	-5,731	-131,553	0,000
Plate_1_7	630	1	0,000	-5,271	-141,546	-141,546	0,000	42,958	-72,678	42,958	-5,731	-131,553	0,000
Element 7-9 (Plate)	631	2	0,000	-5,328	-142,559	-142,559	0,000	40,240	-72,322	40,240	-3,353	-135,682	0,000
(Paratia 800)	632	3	0,000	-5,386	-143,581	-143,581	0,000	37,497	-71,865	37,497	-1,129	-139,790	0,000
	633	4	0,000	-5,443	-144,609	-144,609	0,000	34,735	-71,305	34,735	0,937	-143,870	0,937
	664	5	0,000	-5,500	-145,640	-145,640	0,000	31,962	-70,642	31,962	2,843	-147,913	2,843
Plate_1_8	664	1	0,000	-5,500	-145,641	-145,641	0,000	31,961	-70,635	31,961	2,843	-147,913	2,843
Element 8-10 (Plate)	665	2	0,000	-5,512	-145,867	-145,867	0,000	31,353	-70,473	31,353	3,239	-148,792	3,239
(Paratia 800)	666	3	0,000	-5,525	-146,093	-146,093	0,000	30,746	-70,301	30,746	3,627	-149,668	3,627
	667	4	0,000	-5,537	-146,313	-146,313	0,000	30,160	-70,122	30,160	4,008	-150,543	4,008
	996	5	0,000	-5,550	-146,523	-146,523	0,000	29,615	-69,937	29,615	4,381	-151,415	4,381
Plate_1_9	996	1	0,000	-5,550	-146,553	-146,553	0,000	29,528	-69,968	29,528	4,381	-151,415	4,381
Element 9-11 (Plate)	997	2	0,000	-5,583	-147,100	-147,100	0,000	28,202	-68,780	28,202	5,320	-153,663	5,320
(Paratia 800)	998	3	0,000	-5,615	-147,651	-147,651	0,000	26,862	-67,625	26,862	6,215	-155,874	6,215
	999	4	0,000	-5,648	-148,210	-148,210	0,000	25,501	-66,488	25,501	7,067	-158,048	7,067
	1020	5	0,000	-5,680	-148,779	-148,779	0,000	24,111	-65,357	24,111	7,873	-160,185	7,873

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_10	1020	1	0,000	-5,680	-148,777	-148,777	0,000	24,115	-65,357	24,115	7,873	-160,185	7,873
Element 10-12 (Plate)	1021	2	0,000	-5,728	-149,615	-149,615	0,000	22,072	-63,683	22,072	8,970	-163,239	8,970
(Paratia 800)	1022	3	0,000	-5,775	-150,464	-150,464	0,000	19,992	-61,997	19,992	9,969	-166,217	9,969
	1023	4	0,000	-5,823	-151,326	-151,326	0,000	17,882	-61,183	17,882	10,868	-169,114	10,868
	1416	5	0,000	-5,870	-152,200	-152,200	0,000	15,746	-61,268	15,746	11,667	-171,931	11,667
Plate_1_11	1416	1	0,000	-5,870	-152,186	-152,186	0,000	15,779	-61,120	15,779	11,667	-171,931	11,667
Element 12-21 (Plate)	1417	2	0,000	-5,943	-153,100	-153,100	0,000	13,296	-59,087	13,296	12,731	-176,117	12,731
(Paratia 800)	1418	3	0,000	-6,016	-154,014	-154,014	0,000	10,824	-57,357	10,824	13,612	-180,116	13,612
	1419	4	0,000	-6,090	-154,899	-154,899	0,000	8,453	-55,858	8,453	14,318	-183,926	14,318
	1722	5	0,000	-6,163	-155,730	-155,730	0,000	6,274	-54,521	6,274	14,855	-187,546	14,855
Plate_1_11	1722	1	0,000	-6,163	-155,733	-155,733	0,000	6,263	-54,456	6,263	14,855	-187,546	14,855
Element 12-22 (Plate)	1723	2	0,000	-6,250	-156,678	-156,678	0,000	3,838	-52,993	3,838	15,295	-191,624	15,295
(Paratia 800)	1724	3	0,000	-6,338	-157,571	-157,571	0,000	1,586	-53,039	1,744	15,531	-195,435	15,531
	1725	4	0,000	-6,425	-158,411	-158,411	0,000	-0,485	-52,985	2,979	15,578	-198,979	15,578
	2258	5	0,000	-6,512	-159,195	-159,195	0,000	-2,370	-52,916	4,108	15,451	-202,255	15,451
Plate_1_11	2258	1	0,000	-6,512	-159,208	-159,208	0,000	-2,412	-52,941	4,114	15,451	-202,255	15,451
Element 12-23 (Plate)	2259	2	0,000	-6,617	-160,097	-160,097	0,000	-4,501	-53,870	5,338	15,089	-205,826	15,089
(Paratia 800)	2260	3	0,000	-6,721	-160,946	-160,946	0,000	-6,455	-54,770	6,445	14,515	-209,027	14,515
	2261	4	0,000	-6,826	-161,755	-161,755	0,000	-8,271	-55,472	7,437	13,745	-211,863	13,745
	2690	5	0,000	-6,930	-162,523	-162,523	0,000	-9,949	-55,967	8,316	12,792	-214,337	12,792
Plate_1_11	2690	1	0,000	-6,930	-162,530	-162,530	0,000	-9,971	-55,983	8,324	12,792	-214,337	12,792
Element 12-24 (Plate)	2691	2	0,000	-7,055	-163,412	-163,412	0,000	-11,856	-56,324	9,248	11,428	-216,833	11,428
(Paratia 800)	2692	3	0,000	-7,180	-164,261	-164,261	0,000	-13,630	-56,408	10,055	9,836	-218,837	9,836
	2693	4	0,000	-7,305	-165,078	-165,078	0,000	-15,295	-56,238	10,749	8,028	-220,366	8,028
	3440	5	0,000	-7,430	-165,862	-165,862	0,000	-16,849	-55,816	11,550	6,021	-221,432	6,021
Plate_1_11	3440	1	0,000	-7,430	-165,867	-165,867	0,000	-16,862	-55,822	11,556	6,021	-221,432	6,021
Element 12-25 (Plate)	3441	2	0,000	-7,579	-166,765	-166,765	0,000	-18,591	-55,006	12,975	3,376	-222,125	3,376
(Paratia 800)	3442	3	0,000	-7,728	-167,636	-167,636	0,000	-20,226	-53,875	14,221	0,479	-222,215	0,479
	3443	4	0,000	-7,877	-168,483	-168,483	0,000	-21,778	-52,441	15,298	-2,657	-221,736	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	3844	5	0,000	-8,027	-169,307	-169,307	0,000	-23,257	-50,715	16,207	-6,016	-220,719	0,000
Plate_1_11	3844	1	0,000	-8,027	-169,313	-169,313	0,000	-23,275	-50,726	16,215	-6,016	-220,719	0,000
Element 12-26 (Plate)	3845	2	0,000	-8,205	-170,284	-170,284	0,000	-24,992	-48,319	17,885	-10,318	-220,422	0,000
(Paratia 800)	3846	3	0,000	-8,383	-171,258	-171,258	0,000	-26,715	-45,586	19,716	-14,927	-221,563	0,000
	3847	4	0,000	-8,561	-172,239	-172,239	0,000	-28,460	-42,553	21,284	-19,846	-221,995	0,000
	4104	5	0,000	-8,740	-173,232	-173,232	0,282	-30,246	-40,939	22,730	-25,077	-221,743	0,000
Plate_1_11	4104	1	0,000	-8,740	-173,231	-173,231	0,280	-30,243	-40,944	22,735	-25,077	-221,743	0,000
Element 12-27 (Plate)	4105	2	0,000	-8,953	-174,466	-174,466	1,274	-32,537	-39,478	25,074	-31,760	-224,169	0,000
(Paratia 800)	4106	3	0,000	-9,166	-175,731	-175,731	2,214	-34,941	-38,140	27,488	-38,947	-227,054	0,000
	4107	4	0,000	-9,379	-177,022	-177,022	3,100	-37,439	-37,439	29,582	-46,656	-230,646	0,000
	4678	5	0,000	-9,592	-178,334	-178,334	3,931	-40,019	-40,019	31,260	-54,903	-235,125	0,083
Plate_1_11	4678	1	0,000	-9,592	-178,319	-178,319	3,931	-39,960	-39,960	31,328	-54,903	-235,125	0,083
Element 12-28 (Plate)	4679	2	0,000	-9,846	-179,825	-179,825	4,855	-42,850	-42,850	32,766	-65,445	-239,701	0,216
(Paratia 800)	4680	3	0,000	-10,101	-181,222	-181,222	5,699	-45,370	-45,370	33,979	-76,689	-242,967	0,348
	4681	4	0,000	-10,355	-182,466	-182,466	6,459	-47,371	-47,371	35,137	-88,504	-244,708	0,469
	5370	5	0,000	-10,610	-183,515	-183,515	7,134	-48,707	-48,707	36,407	-100,746	-244,826	0,568
Plate_1_12	5370	1	0,000	-10,610	-183,196	-183,196	7,022	-47,622	-47,622	37,004	-100,746	-244,826	0,568
Element 13-29 (Plate)	5371	2	0,000	-10,857	-179,829	-179,829	8,075	-34,124	-34,124	39,418	-110,815	-242,284	0,622
(Paratia 800)	5372	3	0,000	-11,104	-176,946	-176,946	9,067	-22,288	-22,288	40,583	-117,745	-237,119	0,648
	5373	4	0,000	-11,351	-174,602	-174,602	9,999	-12,309	-12,309	42,430	-121,986	-229,924	0,653
	5578	5	0,000	-11,598	-172,857	-172,857	10,875	-4,380	-4,380	42,870	-124,001	-221,269	0,647
Plate_1_12	5578	1	0,000	-11,598	-172,731	-172,731	10,876	-4,227	-4,227	43,059	-124,001	-221,269	0,647
Element 13-30 (Plate)	5579	2	0,000	-11,852	-170,764	-170,764	11,721	2,494	-0,068	43,884	-124,195	-211,219	0,633
(Paratia 800)	5580	3	0,000	-12,106	-168,771	-168,771	12,508	8,056	-0,087	44,873	-122,834	-200,945	0,613
	5581	4	0,000	-12,359	-166,748	-166,748	13,237	12,520	-0,099	46,062	-120,201	-191,663	0,589
	5646	5	0,000	-12,613	-164,693	-164,693	13,907	15,947	-0,105	46,707	-116,572	-181,793	0,563
Plate_1_12	5646	1	0,000	-12,613	-164,694	-164,694	13,907	16,011	-0,106	46,791	-116,572	-181,793	0,563
Element 13-31 (Plate)	5647	2	0,000	-12,873	-162,545	-162,545	14,533	18,705	-0,110	46,844	-112,039	-172,035	0,535
(Paratia 800)	5648	3	0,000	-13,133	-160,322	-160,322	15,097	20,735	-0,112	46,386	-106,893	-162,110	0,506

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	5649	4	0,000	-13,394	-158,017	-158,017	15,598	22,155	-0,112	45,469	-101,296	-151,972	0,477
	6192	5	0,000	-13,654	-155,621	-155,621	16,036	23,019	-0,109	44,142	-95,408	-141,782	0,448
Plate_1_12	6192	1	0,000	-13,654	-155,612	-155,612	16,036	23,056	-0,109	44,183	-95,408	-141,782	0,448
Element 13-32 (Plate)	6193	2	0,000	-13,921	-153,030	-153,030	16,421	23,502	-0,105	42,527	-89,184	-131,394	0,464
(Paratia 800)	6194	3	0,000	-14,188	-150,299	-150,299	16,739	23,610	-0,100	40,660	-82,884	-121,187	0,967
	6195	4	0,000	-14,455	-147,415	-147,415	16,990	23,410	-0,095	38,604	-76,596	-111,246	1,390
	6304	5	0,000	-14,722	-144,374	-144,374	17,296	22,937	-0,092	36,380	-70,402	-101,653	1,742
Plate_1_12	6304	1	0,000	-14,722	-144,365	-144,365	17,295	22,959	-0,092	36,408	-70,402	-101,653	1,742
Element 13-33 (Plate)	6305	2	0,000	-14,996	-141,056	-141,056	17,856	22,271	-0,089	34,014	-64,201	-92,215	2,034
(Paratia 800)	6306	3	0,000	-15,271	-137,535	-137,535	18,310	21,443	-0,087	32,032	-58,206	-83,225	2,264
	6307	4	0,000	-15,545	-133,800	-133,800	18,656	20,495	-0,086	30,158	-52,454	-74,711	2,434
	6344	5	0,000	-15,819	-129,850	-129,850	18,892	19,446	-0,085	28,321	-46,979	-66,697	2,547
Plate_1_12	6344	1	0,000	-15,819	-129,840	-129,840	18,888	19,452	-0,085	28,337	-46,979	-66,697	2,547
Element 13-34 (Plate)	6345	2	0,000	-16,100	-125,542	-125,542	19,012	18,318	-0,086	26,435	-41,667	-58,995	2,606
(Paratia 800)	6346	3	0,000	-16,381	-120,967	-120,967	19,006	17,157	-0,103	24,558	-36,676	-51,822	2,605
	6347	4	0,000	-16,663	-116,115	-116,115	18,867	15,978	-0,292	22,715	-32,014	-45,172	2,770
	6520	5	0,000	-16,944	-110,986	-110,986	18,594	14,795	-0,460	20,914	-27,687	-39,038	2,995
Plate_1_12	6520	1	0,000	-16,944	-110,966	-110,966	18,585	14,790	-0,457	20,922	-27,687	-39,038	2,995
Element 13-35 (Plate)	6521	2	0,000	-17,233	-105,384	-105,384	18,156	13,600	-0,585	19,153	-23,590	-33,257	3,107
(Paratia 800)	6522	3	0,000	-17,521	-99,420	-99,420	17,546	12,421	-0,688	17,458	-19,834	-27,973	3,091
	6523	4	0,000	-17,810	-93,070	-93,070	16,752	11,261	-0,769	15,835	-16,415	-23,280	2,960
	6956	5	0,000	-18,099	-86,330	-86,330	15,773	10,130	-0,949	14,282	-13,329	-19,020	2,907
Plate_1_12	6956	1	0,000	-18,099	-86,267	-86,267	15,768	10,111	-0,943	14,270	-13,329	-19,020	2,907
Element 13-36 (Plate)	6957	2	0,000	-18,395	-78,877	-78,877	14,559	8,953	-1,188	12,739	-10,506	-15,072	2,773
(Paratia 800)	6958	3	0,000	-18,691	-70,815	-70,815	13,134	7,817	-1,364	11,220	-8,022	-11,544	2,475
	6959	4	0,000	-18,988	-62,062	-62,062	11,493	6,685	-1,588	9,765	-5,873	-8,438	2,054
	7450	5	0,000	-19,284	-52,596	-52,596	9,636	5,539	-1,805	8,325	-4,062	-5,759	1,548
Plate_1_12	7450	1	0,000	-19,284	-52,105	-52,105	9,638	5,784	-1,740	8,278	-4,062	-5,759	1,548
Element 13-37 (Plate)	7451	2	0,000	-19,588	-41,838	-41,838	7,477	4,432	-1,864	6,715	-2,585	-3,498	0,991

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
(Paratia 800)	7452	3	0,000	-19,892	-29,514	-29,514	5,093	4,027	-1,560	5,174	-1,237	-1,662	0,470
	7453	4	0,000	-20,196	-14,453	-14,453	2,478	2,592	-0,846	2,975	-0,240	-0,422	0,091
	7454	5	0,000	-20,500	4,020	-0,377	4,020	-1,852	-1,852	0,315	0,000	0,000	0,000

3.1.1.1.7 Calculation results, Plate, falda a -5 m [Phase_6] (6/167), Table of plate force envelopes

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_1	118	1	0,000	-0,500	0,062	-0,004	0,064	0,238	-0,037	0,238	0,000	0,000	0,000
Element 1-1 (Plate)	117	2	0,000	-0,625	-0,591	-0,687	0,000	-0,520	-0,520	0,193	-0,018	-0,018	0,008
(Paratia 800)	116	3	0,000	-0,750	-1,263	-1,396	0,000	-1,250	-1,250	0,520	-0,128	-0,128	0,053
	115	4	0,000	-0,875	-1,954	-2,125	0,000	-1,999	-1,999	0,904	-0,332	-0,332	0,141
	119	5	0,000	-1,000	-2,663	-2,871	0,000	-2,810	-2,810	1,309	-0,631	-0,631	0,279
Plate_1_2	119	1	0,000	-1,000	-2,649	-2,854	0,000	-2,605	-2,605	1,273	-0,631	-0,631	0,279
Element 2-2 (Plate)	67	2	0,000	-1,250	-3,994	-4,246	0,000	-3,666	-3,666	1,334	-1,408	-1,408	0,615
(Paratia 800)	66	3	0,000	-1,500	-5,490	-5,792	0,000	-5,272	-5,272	0,938	-2,507	-2,507	0,908
	65	4	0,000	-1,750	-7,186	-7,553	0,000	-7,640	-7,640	0,102	-4,108	-4,108	1,047
	224	5	0,000	-2,000	-9,135	-9,574	0,000	-10,990	-10,990	0,000	-6,411	-6,411	0,923
Plate_1_3	224	1	0,000	-2,000	-9,113	-9,551	0,000	-10,891	-10,891	0,000	-6,411	-6,411	0,923
Element 3-3 (Plate)	227	2	0,000	-2,125	-10,141	-10,616	0,000	-12,756	-12,756	0,000	-7,887	-7,887	0,732
(Paratia 800)	226	3	0,000	-2,250	-11,216	-11,731	0,000	-14,793	-14,793	0,000	-9,608	-9,608	0,438
	225	4	0,000	-2,375	-12,337	-12,892	0,000	-17,002	-17,002	0,000	-11,593	-11,593	0,029
	370	5	0,000	-2,500	-13,504	-14,101	0,000	-19,380	-19,380	0,000	-13,865	-13,865	0,000
Plate_1_4	370	1	0,000	-2,500	-13,504	-14,101	0,000	-19,378	-19,378	0,000	-13,865	-13,865	0,000
Element 4-4 (Plate)	373	2	0,000	-2,750	-15,980	-16,663	0,000	-24,658	-24,658	0,000	-19,354	-19,354	0,000
(Paratia 800)	372	3	0,000	-3,000	-18,640	-19,414	0,000	-30,608	-30,608	0,000	-26,250	-26,250	0,000
	371	4	0,000	-3,250	-21,482	-22,351	0,000	-37,221	-37,221	0,000	-34,717	-34,717	0,000
	474	5	0,000	-3,500	-24,504	-25,472	0,000	-44,495	-44,495	0,000	-44,916	-44,916	0,000
Plate_1_5	474	1	0,000	-3,500	-24,505	-25,474	0,000	-44,497	-44,497	0,000	-44,916	-44,916	0,000
Element 5-5 (Plate)	475	2	0,000	-3,670	-26,665	-27,702	0,000	-49,818	-49,818	0,009	-52,926	-52,926	0,000
(Paratia 800)	476	3	0,000	-3,840	-28,910	-30,019	0,000	-55,445	-55,445	0,029	-61,871	-61,871	0,000
	477	4	0,000	-4,010	-31,240	-32,421	0,000	-61,375	-61,375	0,051	-71,799	-71,799	0,000
	510	5	0,000	-4,180	-33,654	-34,908	0,000	-67,602	-67,602	0,073	-82,755	-82,755	0,000
Plate_1_6	510	1	0,000	-4,180	-129,141	-129,141	0,000	97,119	-55,211	97,119	-82,755	-82,755	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Element 6-6 (Plate)	513	2	0,000	-4,260	-130,306	-130,306	0,000	94,087	-58,140	94,087	-75,108	-75,108	0,000
(Paratia 800)	512	3	0,000	-4,340	-131,490	-131,490	0,000	90,991	-61,148	90,991	-67,703	-67,703	0,000
	511	4	0,000	-4,420	-132,693	-132,693	0,000	87,834	-64,232	87,834	-60,548	-71,307	0,000
	540	5	0,000	-4,500	-133,913	-133,913	0,000	84,617	-67,391	84,617	-53,651	-76,535	0,000
Plate_1_7	540	1	0,000	-4,500	-133,913	-133,913	0,000	84,615	-67,230	84,615	-53,651	-76,535	0,000
Element 7-7 (Plate)	543	2	0,000	-4,613	-135,661	-135,661	0,000	79,984	-69,338	79,984	-44,387	-84,184	0,000
(Paratia 800)	542	3	0,000	-4,725	-137,446	-137,446	0,000	75,229	-70,968	75,229	-35,648	-92,052	0,000
	541	4	0,000	-4,838	-139,267	-139,267	0,000	70,354	-72,135	70,354	-27,450	-100,081	0,000
	576	5	0,000	-4,950	-141,121	-141,121	0,000	65,362	-72,859	65,362	-19,812	-108,210	0,000
Plate_1_7	576	1	0,000	-4,950	-141,121	-141,121	0,000	65,361	-72,846	65,361	-19,812	-108,210	0,000
Element 7-8 (Plate)	577	2	0,000	-5,031	-142,464	-142,464	0,000	61,731	-73,103	61,731	-14,714	-114,042	0,000
(Paratia 800)	578	3	0,000	-5,111	-143,825	-143,825	0,000	58,040	-73,159	58,040	-9,907	-119,888	0,000
	579	4	0,000	-5,191	-145,202	-145,202	0,000	54,291	-73,017	54,291	-5,399	-125,731	0,000
	630	5	0,000	-5,271	-146,595	-146,595	0,000	50,489	-72,678	50,489	-1,196	-131,553	0,000
Plate_1_7	630	1	0,000	-5,271	-146,596	-146,596	0,000	50,488	-72,678	50,488	-1,196	-131,553	0,000
Element 7-9 (Plate)	631	2	0,000	-5,328	-147,598	-147,598	0,000	47,748	-72,322	47,748	1,612	-135,682	1,612
(Paratia 800)	632	3	0,000	-5,386	-148,608	-148,608	0,000	44,980	-71,865	44,980	4,264	-139,790	4,264
	633	4	0,000	-5,443	-149,624	-149,624	0,000	42,192	-71,305	42,192	6,758	-143,870	6,758
	664	5	0,000	-5,500	-150,645	-150,645	0,000	39,392	-70,642	39,392	9,090	-147,913	9,090
Plate_1_8	664	1	0,000	-5,500	-150,645	-150,645	0,000	39,390	-70,635	39,390	9,090	-147,913	9,090
Element 8-10 (Plate)	665	2	0,000	-5,512	-150,869	-150,869	0,000	38,776	-70,473	38,776	9,578	-148,792	9,578
(Paratia 800)	666	3	0,000	-5,525	-151,092	-151,092	0,000	38,162	-70,301	38,162	10,059	-149,668	10,059
	667	4	0,000	-5,537	-151,311	-151,311	0,000	37,569	-70,122	37,569	10,533	-150,543	10,533
	996	5	0,000	-5,550	-151,518	-151,518	0,000	37,018	-69,937	37,018	10,999	-151,415	10,999
Plate_1_9	996	1	0,000	-5,550	-151,549	-151,549	0,000	36,933	-69,968	36,933	10,999	-151,415	10,999
Element 9-11 (Plate)	997	2	0,000	-5,583	-152,081	-152,081	0,000	35,564	-68,780	35,564	12,177	-153,663	12,177
(Paratia 800)	998	3	0,000	-5,615	-152,618	-152,618	0,000	34,182	-67,625	34,182	13,312	-155,874	13,312
	999	4	0,000	-5,648	-153,162	-153,162	0,000	32,778	-66,488	32,778	14,401	-158,048	14,401
	1020	5	0,000	-5,680	-153,716	-153,716	0,000	31,345	-65,357	31,345	15,443	-160,185	15,443

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_10	1020	1	0,000	-5,680	-153,715	-153,715	0,000	31,351	-65,357	31,351	15,443	-160,185	15,443
Element 10-12 (Plate)	1021	2	0,000	-5,728	-154,532	-154,532	0,000	29,240	-63,683	29,240	16,881	-163,239	16,881
(Paratia 800)	1022	3	0,000	-5,775	-155,361	-155,361	0,000	27,095	-61,997	27,095	18,219	-166,217	18,219
	1023	4	0,000	-5,823	-156,203	-156,203	0,000	24,915	-61,183	24,915	19,454	-169,114	19,454
	1416	5	0,000	-5,870	-157,057	-157,057	0,000	22,699	-61,268	22,699	20,585	-171,931	20,585
Plate_1_11	1416	1	0,000	-5,870	-157,044	-157,044	0,000	22,741	-61,120	22,741	20,585	-171,931	20,585
Element 12-21 (Plate)	1417	2	0,000	-5,943	-157,887	-157,887	0,000	20,294	-59,087	20,294	22,160	-176,117	22,160
(Paratia 800)	1418	3	0,000	-6,016	-158,736	-158,736	0,000	17,839	-57,357	17,839	23,554	-180,116	23,554
	1419	4	0,000	-6,090	-159,563	-159,563	0,000	15,472	-55,858	15,472	24,773	-183,926	24,773
	1722	5	0,000	-6,163	-160,339	-160,339	0,000	13,285	-54,521	13,285	25,824	-187,546	25,824
Plate_1_11	1722	1	0,000	-6,163	-160,342	-160,342	0,000	13,274	-54,456	13,274	25,824	-187,546	25,824
Element 12-22 (Plate)	1723	2	0,000	-6,250	-161,227	-161,227	0,000	10,828	-52,993	10,828	26,876	-191,624	26,876
(Paratia 800)	1724	3	0,000	-6,338	-162,067	-162,067	0,000	8,541	-53,039	8,541	27,722	-195,435	27,722
	1725	4	0,000	-6,425	-162,859	-162,859	0,000	6,419	-52,985	6,419	28,375	-198,979	28,375
	2258	5	0,000	-6,512	-163,602	-163,602	0,000	4,466	-52,916	4,466	28,849	-202,255	28,849
Plate_1_11	2258	1	0,000	-6,512	-163,614	-163,614	0,000	4,427	-52,941	4,427	28,849	-202,255	28,849
Element 12-23 (Plate)	2259	2	0,000	-6,617	-164,460	-164,460	0,000	2,237	-53,870	5,338	29,197	-205,826	29,197
(Paratia 800)	2260	3	0,000	-6,721	-165,273	-165,273	0,000	0,162	-54,770	6,445	29,321	-209,027	29,321
	2261	4	0,000	-6,826	-166,052	-166,052	0,000	-1,795	-55,472	7,437	29,234	-211,863	29,234
	2690	5	0,000	-6,930	-166,795	-166,795	0,000	-3,630	-55,967	8,316	28,950	-214,337	28,950
Plate_1_11	2690	1	0,000	-6,930	-166,802	-166,802	0,000	-3,646	-55,983	8,324	28,950	-214,337	28,950
Element 12-24 (Plate)	2691	2	0,000	-7,055	-167,659	-167,659	0,000	-5,738	-56,324	9,248	28,363	-216,833	28,363
(Paratia 800)	2692	3	0,000	-7,180	-168,492	-168,492	0,000	-7,733	-56,408	10,055	27,521	-218,837	27,521
	2693	4	0,000	-7,305	-169,300	-169,300	0,000	-9,630	-56,238	10,749	26,436	-220,366	26,436
	3440	5	0,000	-7,430	-170,083	-170,083	0,000	-11,428	-55,816	11,550	25,120	-221,432	25,120
Plate_1_11	3440	1	0,000	-7,430	-170,087	-170,087	0,000	-11,436	-55,822	11,556	25,120	-221,432	25,120
Element 12-25 (Plate)	3441	2	0,000	-7,579	-170,991	-170,991	0,000	-13,490	-55,006	12,975	23,261	-222,125	23,261
(Paratia 800)	3442	3	0,000	-7,728	-171,881	-171,881	0,000	-15,491	-53,875	14,221	21,098	-222,215	21,098
	3443	4	0,000	-7,877	-172,758	-172,758	0,000	-17,445	-52,441	15,298	18,640	-221,736	18,640

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	3844	5	0,000	-8,027	-173,627	-173,627	0,000	-19,361	-50,715	16,207	15,895	-220,719	15,895
Plate_1_11	3844	1	0,000	-8,027	-173,634	-173,634	0,000	-19,382	-50,726	16,215	15,895	-220,719	15,895
Element 12-26 (Plate)	3845	2	0,000	-8,205	-174,679	-174,679	0,000	-21,682	-48,319	17,885	12,236	-220,422	12,236
(Paratia 800)	3846	3	0,000	-8,383	-175,747	-175,747	0,000	-24,051	-45,586	19,716	8,160	-221,563	8,160
	3847	4	0,000	-8,561	-176,841	-176,841	0,000	-26,501	-42,553	21,284	3,654	-221,995	3,654
	4104	5	0,000	-8,740	-177,967	-177,967	0,282	-29,042	-40,939	22,730	-1,294	-221,743	0,000
Plate_1_11	4104	1	0,000	-8,740	-177,960	-177,960	0,280	-29,015	-40,944	22,735	-1,294	-221,743	0,000
Element 12-27 (Plate)	4105	2	0,000	-8,953	-179,378	-179,378	1,274	-32,292	-39,478	25,074	-7,821	-224,169	0,000
(Paratia 800)	4106	3	0,000	-9,166	-180,829	-180,829	2,214	-35,664	-38,140	27,488	-15,059	-227,054	0,000
	4107	4	0,000	-9,379	-182,306	-182,306	3,100	-39,112	-39,112	29,582	-23,024	-230,646	0,000
	4678	5	0,000	-9,592	-183,803	-183,803	3,931	-42,619	-42,619	31,260	-31,727	-235,125	0,083
Plate_1_11	4678	1	0,000	-9,592	-183,787	-183,787	3,931	-42,660	-42,660	31,328	-31,727	-235,125	0,083
Element 12-28 (Plate)	4679	2	0,000	-9,846	-185,512	-185,512	4,855	-46,560	-46,560	32,766	-43,083	-239,701	0,216
(Paratia 800)	4680	3	0,000	-10,101	-187,142	-187,143	5,699	-50,124	-50,124	33,979	-55,404	-242,967	0,348
	4681	4	0,000	-10,355	-188,628	-188,628	6,459	-53,212	-53,212	35,137	-68,566	-244,708	0,469
	5370	5	0,000	-10,610	-189,915	-189,915	7,134	-55,683	-55,683	36,407	-82,439	-244,826	0,568
Plate_1_12	5370	1	0,000	-10,610	-189,590	-189,590	7,022	-54,614	-54,614	37,004	-82,439	-244,826	0,568
Element 13-29 (Plate)	5371	2	0,000	-10,857	-186,230	-186,230	8,075	-41,164	-41,164	39,418	-94,243	-242,284	0,622
(Paratia 800)	5372	3	0,000	-11,104	-183,323	-183,323	9,067	-29,268	-29,268	40,583	-102,908	-237,119	0,648
	5373	4	0,000	-11,351	-180,933	-180,933	9,999	-19,149	-19,149	42,430	-108,859	-229,924	0,653
	5578	5	0,000	-11,598	-179,127	-179,127	10,875	-11,032	-11,032	42,870	-112,541	-221,269	0,647
Plate_1_12	5578	1	0,000	-11,598	-178,983	-178,983	10,876	-10,815	-10,815	43,059	-112,541	-221,269	0,647
Element 13-30 (Plate)	5579	2	0,000	-11,852	-176,939	-176,939	11,721	-3,830	-3,830	43,884	-114,371	-211,219	0,633
(Paratia 800)	5580	3	0,000	-12,106	-174,866	-174,867	12,508	2,008	-0,087	44,873	-114,581	-200,945	0,613
	5581	4	0,000	-12,359	-172,757	-172,757	13,237	6,781	-0,099	46,062	-113,443	-191,663	0,589
	5646	5	0,000	-12,613	-170,601	-170,601	13,907	10,571	-0,105	46,707	-111,224	-181,793	0,563
Plate_1_12	5646	1	0,000	-12,613	-170,594	-170,594	13,907	10,559	-0,106	46,791	-111,224	-181,793	0,563
Element 13-31 (Plate)	5647	2	0,000	-12,873	-168,345	-168,345	14,533	13,649	-0,110	46,844	-108,060	-172,035	0,535
(Paratia 800)	5648	3	0,000	-13,133	-166,008	-166,008	15,097	16,106	-0,112	46,386	-104,174	-162,110	0,506

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	5649	4	0,000	-13,394	-163,573	-163,573	15,598	17,947	-0,112	45,469	-99,728	-151,972	0,477
	6192	5	0,000	-13,654	-161,032	-161,032	16,036	19,190	-0,109	44,142	-94,884	-141,782	0,448
Plate_1_12	6192	1	0,000	-13,654	-161,020	-161,020	16,036	19,189	-0,109	44,183	-94,884	-141,782	0,448
Element 13-32 (Plate)	6193	2	0,000	-13,921	-158,309	-158,309	16,421	20,110	-0,105	42,527	-89,630	-131,394	0,464
(Paratia 800)	6194	3	0,000	-14,188	-155,436	-155,436	16,739	20,697	-0,100	40,660	-84,171	-121,187	0,967
	6195	4	0,000	-14,455	-152,396	-152,396	16,990	20,947	-0,095	38,604	-78,601	-111,246	1,390
	6304	5	0,000	-14,722	-149,184	-149,184	17,296	20,855	-0,092	36,380	-73,012	-101,653	1,742
Plate_1_12	6304	1	0,000	-14,722	-149,173	-149,173	17,295	20,840	-0,092	36,408	-73,012	-101,653	1,742
Element 13-33 (Plate)	6305	2	0,000	-14,996	-145,714	-145,714	17,856	20,589	-0,089	34,014	-67,332	-92,215	2,034
(Paratia 800)	6306	3	0,000	-15,271	-142,030	-142,030	18,310	20,201	-0,087	32,032	-61,736	-83,225	2,264
	6307	4	0,000	-15,545	-138,120	-138,120	18,656	19,656	-0,086	30,158	-56,269	-74,711	2,434
	6344	5	0,000	-15,819	-133,980	-133,980	18,892	18,935	-0,085	28,321	-50,977	-66,697	2,547
Plate_1_12	6344	1	0,000	-15,819	-133,972	-133,972	18,888	18,931	-0,085	28,337	-50,977	-66,697	2,547
Element 13-34 (Plate)	6345	2	0,000	-16,100	-129,483	-129,483	19,012	18,093	-0,086	26,435	-45,769	-58,995	2,606
(Paratia 800)	6346	3	0,000	-16,381	-124,713	-124,713	19,006	17,206	-0,103	24,558	-40,802	-51,822	2,605
	6347	4	0,000	-16,663	-119,663	-119,663	18,867	16,282	-0,292	22,715	-36,090	-45,172	2,770
	6520	5	0,000	-16,944	-114,331	-114,331	18,594	15,329	-0,460	20,914	-31,644	-39,038	2,995
Plate_1_12	6520	1	0,000	-16,944	-114,309	-114,309	18,585	15,328	-0,457	20,922	-31,644	-39,038	2,995
Element 13-35 (Plate)	6521	2	0,000	-17,233	-108,512	-108,512	18,156	14,347	-0,585	19,153	-27,362	-33,257	3,107
(Paratia 800)	6522	3	0,000	-17,521	-102,323	-102,323	17,546	13,354	-0,688	17,458	-23,362	-27,973	3,091
	6523	4	0,000	-17,810	-95,741	-95,741	16,752	12,349	-0,769	15,835	-19,651	-23,280	2,960
	6956	5	0,000	-18,099	-88,763	-88,763	15,773	11,329	-0,949	14,282	-16,234	-19,020	2,907
Plate_1_12	6956	1	0,000	-18,099	-88,682	-88,682	15,768	11,299	-0,943	14,270	-16,234	-19,020	2,907
Element 13-36 (Plate)	6957	2	0,000	-18,395	-81,067	-81,067	14,559	10,290	-1,188	12,739	-13,040	-15,072	2,773
(Paratia 800)	6958	3	0,000	-18,691	-72,737	-72,737	13,134	9,335	-1,364	11,220	-10,130	-11,544	2,475
	6959	4	0,000	-18,988	-63,681	-63,681	11,493	8,328	-1,588	9,765	-7,513	-8,438	2,054
	7450	5	0,000	-19,284	-53,887	-53,887	9,636	7,161	-1,805	8,325	-5,213	-5,759	1,548
Plate_1_12	7450	1	0,000	-19,284	-53,331	-53,331	9,638	7,470	-1,740	8,278	-5,213	-5,759	1,548
Element 13-37 (Plate)	7451	2	0,000	-19,588	-42,845	-42,845	7,477	5,760	-1,864	6,715	-3,289	-3,498	0,991

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
(Paratia 800)	7452	3	0,000	-19,892	-30,188	-30,188	5,093	5,117	-1,560	5,174	-1,562	-1,662	0,470
	7453	4	0,000	-20,196	-14,732	-14,732	2,478	3,227	-0,846	3,227	-0,303	-0,422	0,091
	7454	5	0,000	-20,500	4,150	-0,377	4,150	-2,222	-2,222	0,315	0,000	0,000	0,000

3.1.1.1.8 Calculation results, Plate, terrapieno [Phase_7] (7/169), Table of plate force envelopes

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_1	118	1	0,000	-0,500	0,062	-0,004	0,064	0,239	-0,037	0,239	0,000	0,000	0,000
Element 1-1 (Plate)	117	2	0,000	-0,625	-0,591	-0,687	0,000	-0,519	-0,520	0,193	-0,018	-0,018	0,008
(Paratia 800)	116	3	0,000	-0,750	-1,262	-1,396	0,000	-1,249	-1,250	0,520	-0,128	-0,128	0,053
	115	4	0,000	-0,875	-1,952	-2,125	0,000	-1,997	-1,999	0,904	-0,331	-0,332	0,141
	119	5	0,000	-1,000	-2,660	-2,871	0,000	-2,807	-2,810	1,309	-0,630	-0,631	0,279
Plate_1_2	119	1	0,000	-1,000	-2,646	-2,854	0,000	-2,603	-2,605	1,273	-0,630	-0,631	0,279
Element 2-2 (Plate)	67	2	0,000	-1,250	-3,989	-4,246	0,000	-3,662	-3,666	1,334	-1,407	-1,408	0,615
(Paratia 800)	66	3	0,000	-1,500	-5,482	-5,792	0,000	-5,265	-5,272	0,938	-2,504	-2,507	0,908
	65	4	0,000	-1,750	-7,177	-7,553	0,000	-7,630	-7,640	0,102	-4,103	-4,108	1,047
	224	5	0,000	-2,000	-9,123	-9,574	0,000	-10,977	-10,990	0,000	-6,404	-6,411	0,923
Plate_1_3	224	1	0,000	-2,000	-9,101	-9,551	0,000	-10,878	-10,891	0,000	-6,404	-6,411	0,923
Element 3-3 (Plate)	227	2	0,000	-2,125	-10,128	-10,616	0,000	-12,741	-12,756	0,000	-7,878	-7,887	0,732
(Paratia 800)	226	3	0,000	-2,250	-11,201	-11,731	0,000	-14,777	-14,793	0,000	-9,596	-9,608	0,438
	225	4	0,000	-2,375	-12,321	-12,892	0,000	-16,983	-17,002	0,000	-11,580	-11,593	0,029
	370	5	0,000	-2,500	-13,487	-14,101	0,000	-19,360	-19,380	0,000	-13,849	-13,865	0,000
Plate_1_4	370	1	0,000	-2,500	-13,487	-14,101	0,000	-19,357	-19,378	0,000	-13,849	-13,865	0,000
Element 4-4 (Plate)	373	2	0,000	-2,750	-15,960	-16,663	0,000	-24,634	-24,658	0,000	-19,332	-19,354	0,000
(Paratia 800)	372	3	0,000	-3,000	-18,616	-19,414	0,000	-30,579	-30,608	0,000	-26,222	-26,250	0,000
	371	4	0,000	-3,250	-21,454	-22,351	0,000	-37,189	-37,221	0,000	-34,681	-34,717	0,000
	474	5	0,000	-3,500	-24,473	-25,472	0,000	-44,458	-44,495	0,000	-44,871	-44,916	0,000
Plate_1_5	474	1	0,000	-3,500	-24,475	-25,474	0,000	-44,460	-44,497	0,000	-44,871	-44,916	0,000
Element 5-5 (Plate)	475	2	0,000	-3,670	-26,631	-27,702	0,000	-49,778	-49,818	0,009	-52,875	-52,926	0,000
(Paratia 800)	476	3	0,000	-3,840	-28,874	-30,019	0,000	-55,402	-55,445	0,029	-61,813	-61,871	0,000
	477	4	0,000	-4,010	-31,202	-32,421	0,000	-61,329	-61,375	0,051	-71,733	-71,799	0,000
	510	5	0,000	-4,180	-33,613	-34,908	0,000	-67,553	-67,602	0,073	-82,681	-82,755	0,000
Plate_1_6	510	1	0,000	-4,180	-129,024	-129,141	0,000	97,038	-55,211	97,119	-82,681	-82,755	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Element 6-6 (Plate)	513	2	0,000	-4,260	-130,188	-130,306	0,000	94,007	-58,140	94,087	-75,041	-75,108	0,000
(Paratia 800)	512	3	0,000	-4,340	-131,371	-131,490	0,000	90,913	-61,148	90,991	-67,642	-67,703	0,000
	511	4	0,000	-4,420	-132,572	-132,693	0,000	87,756	-64,232	87,834	-60,493	-71,307	0,000
	540	5	0,000	-4,500	-133,790	-133,913	0,000	84,541	-67,391	84,617	-53,602	-76,535	0,000
Plate_1_7	540	1	0,000	-4,500	-133,791	-133,913	0,000	84,539	-67,230	84,615	-53,602	-76,535	0,000
Element 7-7 (Plate)	543	2	0,000	-4,613	-135,537	-135,661	0,000	79,910	-69,338	79,984	-44,347	-84,184	0,000
(Paratia 800)	542	3	0,000	-4,725	-137,320	-137,446	0,000	75,157	-70,968	75,229	-35,616	-92,052	0,000
	541	4	0,000	-4,838	-139,139	-139,267	0,000	70,284	-72,135	70,354	-27,426	-100,081	0,000
	576	5	0,000	-4,950	-140,991	-141,121	0,000	65,294	-72,859	65,362	-19,795	-108,210	0,000
Plate_1_7	576	1	0,000	-4,950	-140,991	-141,121	0,000	65,292	-72,846	65,361	-19,795	-108,210	0,000
Element 7-8 (Plate)	577	2	0,000	-5,031	-142,332	-142,464	0,000	61,663	-73,103	61,731	-14,703	-114,042	0,000
(Paratia 800)	578	3	0,000	-5,111	-143,692	-143,825	0,000	57,973	-73,159	58,040	-9,902	-119,888	0,000
	579	4	0,000	-5,191	-145,068	-145,202	0,000	54,226	-73,017	54,291	-5,399	-125,731	0,000
	630	5	0,000	-5,271	-146,460	-146,595	0,000	50,425	-72,678	50,489	-1,201	-131,553	0,000
Plate_1_7	630	1	0,000	-5,271	-146,460	-146,596	0,000	50,424	-72,678	50,488	-1,201	-131,553	0,000
Element 7-9 (Plate)	631	2	0,000	-5,328	-147,461	-147,598	0,000	47,684	-72,322	47,748	1,604	-135,682	1,612
(Paratia 800)	632	3	0,000	-5,386	-148,470	-148,608	0,000	44,917	-71,865	44,980	4,252	-139,790	4,264
	633	4	0,000	-5,443	-149,486	-149,624	0,000	42,130	-71,305	42,192	6,742	-143,870	6,758
	664	5	0,000	-5,500	-150,505	-150,645	0,000	39,330	-70,642	39,392	9,071	-147,913	9,090
Plate_1_8	664	1	0,000	-5,500	-150,505	-150,645	0,000	39,328	-70,635	39,390	9,071	-147,913	9,090
Element 8-10 (Plate)	665	2	0,000	-5,512	-150,729	-150,869	0,000	38,714	-70,473	38,776	9,558	-148,792	9,578
(Paratia 800)	666	3	0,000	-5,525	-150,952	-151,092	0,000	38,100	-70,301	38,162	10,038	-149,668	10,059
	667	4	0,000	-5,537	-151,170	-151,311	0,000	37,508	-70,122	37,569	10,511	-150,543	10,533
	996	5	0,000	-5,550	-151,377	-151,518	0,000	36,956	-69,937	37,018	10,976	-151,415	10,999
Plate_1_9	996	1	0,000	-5,550	-151,409	-151,549	0,000	36,872	-69,968	36,933	10,976	-151,415	10,999
Element 9-11 (Plate)	997	2	0,000	-5,583	-151,939	-152,081	0,000	35,503	-68,780	35,564	12,153	-153,663	12,177
(Paratia 800)	998	3	0,000	-5,615	-152,474	-152,618	0,000	34,122	-67,625	34,182	13,285	-155,874	13,312
	999	4	0,000	-5,648	-153,017	-153,162	0,000	32,719	-66,488	32,778	14,372	-158,048	14,401
	1020	5	0,000	-5,680	-153,570	-153,716	0,000	31,287	-65,357	31,345	15,413	-160,185	15,443

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_10	1020	1	0,000	-5,680	-153,569	-153,715	0,000	31,293	-65,357	31,351	15,413	-160,185	15,443
Element 10-12 (Plate)	1021	2	0,000	-5,728	-154,383	-154,532	0,000	29,184	-63,683	29,240	16,848	-163,239	16,881
(Paratia 800)	1022	3	0,000	-5,775	-155,210	-155,361	0,000	27,041	-61,997	27,095	18,184	-166,217	18,219
	1023	4	0,000	-5,823	-156,050	-156,203	0,000	24,863	-61,183	24,915	19,416	-169,114	19,454
	1416	5	0,000	-5,870	-156,902	-157,057	0,000	22,649	-61,268	22,699	20,544	-171,931	20,585
Plate_1_11	1416	1	0,000	-5,870	-156,889	-157,044	0,000	22,691	-61,120	22,741	20,544	-171,931	20,585
Element 12-21 (Plate)	1417	2	0,000	-5,943	-157,731	-157,887	0,000	20,238	-59,087	20,294	22,115	-176,117	22,160
(Paratia 800)	1418	3	0,000	-6,016	-158,579	-158,736	0,000	17,778	-57,357	17,839	23,506	-180,116	23,554
	1419	4	0,000	-6,090	-159,405	-159,563	0,000	15,406	-55,858	15,472	24,720	-183,926	24,773
	1722	5	0,000	-6,163	-160,182	-160,339	0,000	13,215	-54,521	13,285	25,765	-187,546	25,824
Plate_1_11	1722	1	0,000	-6,163	-160,184	-160,342	0,000	13,203	-54,456	13,274	25,765	-187,546	25,824
Element 12-22 (Plate)	1723	2	0,000	-6,250	-161,070	-161,227	0,000	10,751	-52,993	10,828	26,811	-191,624	26,876
(Paratia 800)	1724	3	0,000	-6,338	-161,911	-162,067	0,000	8,458	-53,039	8,541	27,650	-195,435	27,722
	1725	4	0,000	-6,425	-162,704	-162,859	0,000	6,330	-52,985	6,419	28,296	-198,979	28,375
	2258	5	0,000	-6,512	-163,449	-163,602	0,000	4,371	-52,916	4,466	28,762	-202,255	28,849
Plate_1_11	2258	1	0,000	-6,512	-163,461	-163,614	0,000	4,333	-52,941	4,427	28,762	-202,255	28,849
Element 12-23 (Plate)	2259	2	0,000	-6,617	-164,310	-164,460	0,000	2,136	-53,870	5,338	29,099	-205,826	29,197
(Paratia 800)	2260	3	0,000	-6,721	-165,126	-165,273	0,000	0,056	-54,770	6,445	29,212	-209,027	29,321
	2261	4	0,000	-6,826	-165,907	-166,052	0,000	-1,904	-55,472	7,437	29,115	-211,863	29,234
	2690	5	0,000	-6,930	-166,654	-166,795	0,000	-3,742	-55,967	8,316	28,819	-214,337	28,950
Plate_1_11	2690	1	0,000	-6,930	-166,660	-166,802	0,000	-3,757	-55,983	8,324	28,819	-214,337	28,950
Element 12-24 (Plate)	2691	2	0,000	-7,055	-167,521	-167,659	0,000	-5,852	-56,324	9,248	28,218	-216,833	28,363
(Paratia 800)	2692	3	0,000	-7,180	-168,358	-168,492	0,000	-7,849	-56,408	10,055	27,362	-218,837	27,521
	2693	4	0,000	-7,305	-169,171	-169,300	0,000	-9,748	-56,238	10,749	26,262	-220,366	26,436
	3440	5	0,000	-7,430	-169,958	-170,083	0,000	-11,548	-55,816	11,550	24,932	-221,432	25,120
Plate_1_11	3440	1	0,000	-7,430	-169,962	-170,087	0,000	-11,556	-55,822	11,556	24,932	-221,432	25,120
Element 12-25 (Plate)	3441	2	0,000	-7,579	-170,874	-170,991	0,000	-13,615	-55,006	12,975	23,054	-222,125	23,261
(Paratia 800)	3442	3	0,000	-7,728	-171,770	-171,881	0,000	-15,619	-53,875	14,221	20,872	-222,215	21,098
	3443	4	0,000	-7,877	-172,654	-172,758	0,000	-17,576	-52,441	15,298	18,394	-221,736	18,640

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	3844	5	0,000	-8,027	-173,530	-173,627	0,000	-19,494	-50,715	16,207	15,629	-220,719	15,895
Plate_1_11	3844	1	0,000	-8,027	-173,536	-173,634	0,000	-19,515	-50,726	16,215	15,629	-220,719	15,895
Element 12-26 (Plate)	3845	2	0,000	-8,205	-174,586	-174,679	0,000	-21,809	-48,319	17,885	11,948	-220,422	12,236
(Paratia 800)	3846	3	0,000	-8,383	-175,654	-175,747	0,000	-24,165	-45,586	19,716	7,850	-221,563	8,160
	3847	4	0,000	-8,561	-176,746	-176,841	0,000	-26,595	-42,553	21,284	3,325	-221,995	3,654
	4104	5	0,000	-8,740	-177,866	-177,967	0,282	-29,111	-40,939	22,730	-1,638	-221,743	0,000
Plate_1_11	4104	1	0,000	-8,740	-177,860	-177,960	0,280	-29,085	-40,944	22,735	-1,638	-221,743	0,000
Element 12-27 (Plate)	4105	2	0,000	-8,953	-179,266	-179,378	1,274	-32,326	-39,478	25,074	-8,175	-224,169	0,000
(Paratia 800)	4106	3	0,000	-9,166	-180,703	-180,829	2,214	-35,663	-38,140	27,488	-15,417	-227,054	0,000
	4107	4	0,000	-9,379	-182,167	-182,306	3,100	-39,079	-39,112	29,582	-23,378	-230,646	0,000
	4678	5	0,000	-9,592	-183,649	-183,803	3,931	-42,555	-42,619	31,260	-32,070	-235,125	0,083
Plate_1_11	4678	1	0,000	-9,592	-183,634	-183,787	3,931	-42,594	-42,660	31,328	-32,070	-235,125	0,083
Element 12-28 (Plate)	4679	2	0,000	-9,846	-185,347	-185,512	4,855	-46,475	-46,560	32,766	-43,408	-239,701	0,216
(Paratia 800)	4680	3	0,000	-10,101	-186,973	-187,143	5,699	-50,031	-50,124	33,979	-55,705	-242,967	0,348
	4681	4	0,000	-10,355	-188,463	-188,628	6,459	-53,128	-53,212	35,137	-68,845	-244,708	0,469
	5370	5	0,000	-10,610	-189,767	-189,915	7,134	-55,629	-55,683	36,407	-82,699	-244,826	0,568
Plate_1_12	5370	1	0,000	-10,610	-189,451	-189,590	7,022	-54,582	-54,614	37,004	-82,699	-244,826	0,568
Element 13-29 (Plate)	5371	2	0,000	-10,857	-186,111	-186,230	8,075	-41,149	-41,164	39,418	-94,499	-242,284	0,622
(Paratia 800)	5372	3	0,000	-11,104	-183,212	-183,323	9,067	-29,246	-29,268	40,583	-103,158	-237,119	0,648
	5373	4	0,000	-11,351	-180,825	-180,933	9,999	-19,109	-19,149	42,430	-109,102	-229,924	0,653
	5578	5	0,000	-11,598	-179,019	-179,127	10,875	-10,972	-11,032	42,870	-112,771	-221,269	0,647
Plate_1_12	5578	1	0,000	-11,598	-178,878	-178,983	10,876	-10,759	-10,815	43,059	-112,771	-221,269	0,647
Element 13-30 (Plate)	5579	2	0,000	-11,852	-176,834	-176,939	11,721	-3,765	-3,830	43,884	-114,587	-211,219	0,633
(Paratia 800)	5580	3	0,000	-12,106	-174,762	-174,867	12,508	2,080	-0,087	44,873	-114,779	-200,945	0,613
	5581	4	0,000	-12,359	-172,653	-172,757	13,237	6,858	-0,099	46,062	-113,622	-191,663	0,589
	5646	5	0,000	-12,613	-170,502	-170,601	13,907	10,648	-0,105	46,707	-111,383	-181,793	0,563
Plate_1_12	5646	1	0,000	-12,613	-170,494	-170,594	13,907	10,637	-0,106	46,791	-111,383	-181,793	0,563
Element 13-31 (Plate)	5647	2	0,000	-12,873	-168,250	-168,345	14,533	13,724	-0,110	46,844	-108,200	-172,035	0,535
(Paratia 800)	5648	3	0,000	-13,133	-165,917	-166,008	15,097	16,176	-0,112	46,386	-104,295	-162,110	0,506

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	5649	4	0,000	-13,394	-163,487	-163,573	15,598	18,012	-0,112	45,469	-99,831	-151,972	0,477
	6192	5	0,000	-13,654	-160,950	-161,032	16,036	19,252	-0,109	44,142	-94,971	-141,782	0,448
Plate_1_12	6192	1	0,000	-13,654	-160,939	-161,020	16,036	19,250	-0,109	44,183	-94,971	-141,782	0,448
Element 13-32 (Plate)	6193	2	0,000	-13,921	-158,234	-158,309	16,421	20,163	-0,105	42,527	-89,701	-131,394	0,464
(Paratia 800)	6194	3	0,000	-14,188	-155,367	-155,436	16,739	20,742	-0,100	40,660	-84,229	-121,187	0,967
	6195	4	0,000	-14,455	-152,333	-152,396	16,990	20,985	-0,095	38,604	-78,648	-111,246	1,390
	6304	5	0,000	-14,722	-149,128	-149,184	17,296	20,886	-0,092	36,380	-73,050	-101,653	1,742
Plate_1_12	6304	1	0,000	-14,722	-149,116	-149,173	17,295	20,870	-0,092	36,408	-73,050	-101,653	1,742
Element 13-33 (Plate)	6305	2	0,000	-14,996	-145,665	-145,714	17,856	20,610	-0,089	34,014	-67,363	-92,215	2,034
(Paratia 800)	6306	3	0,000	-15,271	-141,988	-142,030	18,310	20,213	-0,087	32,032	-61,763	-83,225	2,264
	6307	4	0,000	-15,545	-138,085	-138,120	18,656	19,660	-0,086	30,158	-56,294	-74,711	2,434
	6344	5	0,000	-15,819	-133,952	-133,980	18,892	18,931	-0,085	28,321	-51,001	-66,697	2,547
Plate_1_12	6344	1	0,000	-15,819	-133,945	-133,972	18,888	18,928	-0,085	28,337	-51,001	-66,697	2,547
Element 13-34 (Plate)	6345	2	0,000	-16,100	-129,463	-129,483	19,012	18,081	-0,086	26,435	-45,796	-58,995	2,606
(Paratia 800)	6346	3	0,000	-16,381	-124,702	-124,713	19,006	17,189	-0,103	24,558	-40,833	-51,822	2,605
	6347	4	0,000	-16,663	-119,658	-119,663	18,867	16,259	-0,292	22,715	-36,127	-45,172	2,770
	6520	5	0,000	-16,944	-114,333	-114,333	18,594	15,302	-0,460	20,914	-31,688	-39,038	2,995
Plate_1_12	6520	1	0,000	-16,944	-114,311	-114,311	18,585	15,301	-0,457	20,922	-31,688	-39,038	2,995
Element 13-35 (Plate)	6521	2	0,000	-17,233	-108,520	-108,520	18,156	14,318	-0,585	19,153	-27,413	-33,257	3,107
(Paratia 800)	6522	3	0,000	-17,521	-102,337	-102,337	17,546	13,326	-0,688	17,458	-23,422	-27,973	3,091
	6523	4	0,000	-17,810	-95,758	-95,758	16,752	12,325	-0,769	15,835	-19,718	-23,280	2,960
	6956	5	0,000	-18,099	-88,782	-88,782	15,773	11,311	-0,949	14,282	-16,307	-19,020	2,907
Plate_1_12	6956	1	0,000	-18,099	-88,701	-88,701	15,768	11,283	-0,943	14,270	-16,307	-19,020	2,907
Element 13-36 (Plate)	6957	2	0,000	-18,395	-81,086	-81,086	14,559	10,283	-1,188	12,739	-13,117	-15,072	2,773
(Paratia 800)	6958	3	0,000	-18,691	-72,755	-72,755	13,134	9,341	-1,364	11,220	-10,207	-11,544	2,475
	6959	4	0,000	-18,988	-63,695	-63,695	11,493	8,350	-1,588	9,765	-7,586	-8,438	2,054
	7450	5	0,000	-19,284	-53,897	-53,897	9,636	7,200	-1,805	8,325	-5,276	-5,759	1,548
Plate_1_12	7450	1	0,000	-19,284	-53,339	-53,339	9,638	7,508	-1,740	8,278	-5,276	-5,759	1,548
Element 13-37 (Plate)	7451	2	0,000	-19,588	-42,849	-42,849	7,477	5,832	-1,864	6,715	-3,336	-3,498	0,991

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
(Paratia 800)	7452	3	0,000	-19,892	-30,191	-30,191	5,093	5,195	-1,560	5,195	-1,584	-1,662	0,470
	7453	4	0,000	-20,196	-14,737	-14,737	2,478	3,273	-0,846	3,273	-0,306	-0,422	0,091
	7454	5	0,000	-20,500	4,144	-0,377	4,150	-2,258	-2,258	0,315	0,000	0,000	0,000

3.1.1.1.9 Calculation results, Plate, plinto + pali [Phase_8] (8/172), Table of plate force envelopes

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_1	118	1	0,000	-0,500	0,061	-0,004	0,064	0,243	-0,037	0,243	0,000	0,000	0,000
Element 1-1 (Plate)	117	2	0,000	-0,625	-0,576	-0,687	0,000	-0,527	-0,527	0,193	-0,019	-0,019	0,008
(Paratia 800)	116	3	0,000	-0,750	-1,232	-1,396	0,000	-1,264	-1,264	0,520	-0,130	-0,130	0,053
	115	4	0,000	-0,875	-1,906	-2,125	0,000	-2,015	-2,015	0,904	-0,335	-0,335	0,141
	119	5	0,000	-1,000	-2,597	-2,871	0,000	-2,825	-2,825	1,309	-0,637	-0,637	0,279
Plate_1_2	119	1	0,000	-1,000	-2,585	-2,854	0,000	-2,621	-2,621	1,273	-0,637	-0,637	0,279
Element 2-2 (Plate)	67	2	0,000	-1,250	-3,896	-4,246	0,000	-3,676	-3,676	1,334	-1,417	-1,417	0,615
(Paratia 800)	66	3	0,000	-1,500	-5,354	-5,792	0,000	-5,273	-5,273	0,938	-2,517	-2,517	0,908
	65	4	0,000	-1,750	-7,010	-7,553	0,000	-7,631	-7,640	0,102	-4,117	-4,117	1,047
	224	5	0,000	-2,000	-8,914	-9,574	0,000	-10,968	-10,990	0,000	-6,417	-6,417	0,923
Plate_1_3	224	1	0,000	-2,000	-8,892	-9,551	0,000	-10,870	-10,891	0,000	-6,417	-6,417	0,923
Element 3-3 (Plate)	227	2	0,000	-2,125	-9,896	-10,616	0,000	-12,729	-12,756	0,000	-7,889	-7,889	0,732
(Paratia 800)	226	3	0,000	-2,250	-10,947	-11,731	0,000	-14,761	-14,793	0,000	-9,606	-9,608	0,438
	225	4	0,000	-2,375	-12,043	-12,892	0,000	-16,965	-17,002	0,000	-11,588	-11,593	0,029
	370	5	0,000	-2,500	-13,184	-14,101	0,000	-19,338	-19,380	0,000	-13,854	-13,865	0,000
Plate_1_4	370	1	0,000	-2,500	-13,184	-14,101	0,000	-19,336	-19,378	0,000	-13,854	-13,865	0,000
Element 4-4 (Plate)	373	2	0,000	-2,750	-15,605	-16,663	0,000	-24,609	-24,658	0,000	-19,332	-19,354	0,000
(Paratia 800)	372	3	0,000	-3,000	-18,207	-19,414	0,000	-30,554	-30,608	0,000	-26,215	-26,250	0,000
	371	4	0,000	-3,250	-20,989	-22,351	0,000	-37,167	-37,221	0,000	-34,668	-34,717	0,000
	474	5	0,000	-3,500	-23,949	-25,472	0,000	-44,443	-44,495	0,000	-44,853	-44,916	0,000
Plate_1_5	474	1	0,000	-3,500	-23,951	-25,474	0,000	-44,446	-44,497	0,000	-44,853	-44,916	0,000
Element 5-5 (Plate)	475	2	0,000	-3,670	-26,066	-27,702	0,000	-49,771	-49,818	0,009	-52,856	-52,926	0,000
(Paratia 800)	476	3	0,000	-3,840	-28,266	-30,019	0,000	-55,406	-55,445	0,029	-61,794	-61,871	0,000
	477	4	0,000	-4,010	-30,550	-32,421	0,000	-61,346	-61,375	0,051	-71,715	-71,799	0,000
	510	5	0,000	-4,180	-32,917	-34,908	0,000	-67,586	-67,602	0,073	-82,668	-82,755	0,000
Plate_1_6	510	1	0,000	-4,180	-128,571	-129,141	0,000	97,423	-55,211	97,423	-82,668	-82,755	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Element 6-6 (Plate)	513	2	0,000	-4,260	-129,713	-130,306	0,000	94,383	-58,140	94,383	-74,997	-75,108	0,000
(Paratia 800)	512	3	0,000	-4,340	-130,875	-131,490	0,000	91,279	-61,148	91,279	-67,568	-67,703	0,000
	511	4	0,000	-4,420	-132,054	-132,693	0,000	88,113	-64,232	88,113	-60,391	-71,307	0,000
	540	5	0,000	-4,500	-133,251	-133,913	0,000	84,886	-67,391	84,886	-53,472	-76,535	0,000
Plate_1_7	540	1	0,000	-4,500	-133,251	-133,913	0,000	84,885	-67,230	84,885	-53,472	-76,535	0,000
Element 7-7 (Plate)	543	2	0,000	-4,613	-134,967	-135,661	0,000	80,239	-69,338	80,239	-44,178	-84,184	0,000
(Paratia 800)	542	3	0,000	-4,725	-136,718	-137,446	0,000	75,467	-70,968	75,467	-35,411	-92,052	0,000
	541	4	0,000	-4,838	-138,505	-139,267	0,000	70,573	-72,135	70,573	-27,188	-100,081	0,000
	576	5	0,000	-4,950	-140,325	-141,121	0,000	65,560	-72,859	65,560	-19,526	-108,210	0,000
Plate_1_7	576	1	0,000	-4,950	-140,325	-141,121	0,000	65,558	-72,846	65,558	-19,526	-108,210	0,000
Element 7-8 (Plate)	577	2	0,000	-5,031	-141,644	-142,464	0,000	61,912	-73,103	61,912	-14,413	-114,042	0,000
(Paratia 800)	578	3	0,000	-5,111	-142,980	-143,825	0,000	58,202	-73,159	58,202	-9,592	-119,888	0,000
	579	4	0,000	-5,191	-144,332	-145,202	0,000	54,434	-73,017	54,434	-5,072	-125,731	0,000
	630	5	0,000	-5,271	-145,701	-146,595	0,000	50,611	-72,678	50,611	-0,858	-131,553	0,000
Plate_1_7	630	1	0,000	-5,271	-145,701	-146,596	0,000	50,610	-72,678	50,610	-0,858	-131,553	0,000
Element 7-9 (Plate)	631	2	0,000	-5,328	-146,686	-147,598	0,000	47,853	-72,322	47,853	1,957	-135,682	1,957
(Paratia 800)	632	3	0,000	-5,386	-147,678	-148,608	0,000	45,068	-71,865	45,068	4,614	-139,790	4,614
	633	4	0,000	-5,443	-148,677	-149,624	0,000	42,261	-71,305	42,261	7,112	-143,870	7,112
	664	5	0,000	-5,500	-149,680	-150,645	0,000	39,441	-70,642	39,441	9,448	-147,913	9,448
Plate_1_8	664	1	0,000	-5,500	-149,680	-150,645	0,000	39,439	-70,635	39,439	9,448	-147,913	9,448
Element 8-10 (Plate)	665	2	0,000	-5,512	-149,900	-150,869	0,000	38,820	-70,473	38,820	9,937	-148,792	9,937
(Paratia 800)	666	3	0,000	-5,525	-150,120	-151,092	0,000	38,202	-70,301	38,202	10,418	-149,668	10,418
	667	4	0,000	-5,537	-150,334	-151,311	0,000	37,604	-70,122	37,604	10,892	-150,543	10,892
	996	5	0,000	-5,550	-150,538	-151,518	0,000	37,048	-69,937	37,048	11,358	-151,415	11,358
Plate_1_9	996	1	0,000	-5,550	-150,571	-151,549	0,000	36,965	-69,968	36,965	11,358	-151,415	11,358
Element 9-11 (Plate)	997	2	0,000	-5,583	-151,078	-152,081	0,000	35,567	-68,780	35,567	12,538	-153,663	12,538
(Paratia 800)	998	3	0,000	-5,615	-151,591	-152,618	0,000	34,158	-67,625	34,182	13,672	-155,874	13,672
	999	4	0,000	-5,648	-152,112	-153,162	0,000	32,730	-66,488	32,778	14,759	-158,048	14,759
	1020	5	0,000	-5,680	-152,642	-153,716	0,000	31,273	-65,357	31,345	15,800	-160,185	15,800

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_10	1020	1	0,000	-5,680	-152,641	-153,715	0,000	31,278	-65,357	31,351	15,800	-160,185	15,800
Element 10-12 (Plate)	1021	2	0,000	-5,728	-153,422	-154,532	0,000	29,135	-63,683	29,240	17,234	-163,239	17,234
(Paratia 800)	1022	3	0,000	-5,775	-154,216	-155,361	0,000	26,959	-61,997	27,095	18,566	-166,217	18,566
	1023	4	0,000	-5,823	-155,022	-156,203	0,000	24,750	-61,183	24,915	19,794	-169,114	19,794
	1416	5	0,000	-5,870	-155,840	-157,057	0,000	22,506	-61,268	22,699	20,916	-171,931	20,916
Plate_2_1	4600	1	4,500	-5,870	-7,480	-7,480	0,000	-168,207	-168,207	0,000	25,200	0,000	25,200
Element 11-13 (Plate)	4601	2	4,698	-5,870	-9,358	-9,358	0,000	-161,254	-161,254	0,000	-7,383	-7,383	0,000
(PLINTO)	4602	3	4,895	-5,870	-10,464	-10,464	0,000	-153,457	-153,457	0,000	-38,506	-38,506	0,000
	4603	4	5,093	-5,870	-11,159	-11,159	0,000	-145,196	-145,196	0,000	-68,051	-68,051	0,000
	5256	5	5,291	-5,870	-11,802	-11,802	0,000	-136,855	-136,855	0,000	-95,923	-95,923	0,000
Plate_2_1	5256	1	5,291	-5,870	-11,755	-11,755	0,000	-136,800	-136,800	0,000	-95,923	-95,923	0,000
Element 11-14 (Plate)	5257	2	5,500	-5,870	-12,240	-12,240	0,000	-127,800	-127,800	0,000	-123,620	-123,620	0,000
(PLINTO)	5258	3	5,710	-5,870	-12,651	-12,651	0,000	-118,732	-118,732	0,000	-149,437	-149,437	0,000
	5259	4	5,919	-5,870	-13,005	-13,005	0,000	-109,621	-109,621	0,000	-173,351	-173,351	0,000
	5978	5	6,128	-5,870	-13,320	-13,320	0,000	-100,490	-100,490	0,000	-195,343	-195,343	0,000
Plate_2_1	5978	1	6,128	-5,870	-13,318	-13,318	0,000	-100,486	-100,486	0,000	-195,343	-195,343	0,000
Element 11-15 (Plate)	5982	2	6,350	-5,870	-13,611	-13,611	0,000	-90,796	-90,796	0,000	-216,547	-216,547	0,000
(PLINTO)	5983	3	6,572	-5,870	-13,874	-13,874	0,000	-81,087	-81,087	0,000	-235,608	-235,608	0,000
	5984	4	6,794	-5,870	-14,109	-14,109	0,000	-71,367	-71,367	0,000	-252,516	-252,516	0,000
	7008	5	7,015	-5,870	-14,320	-14,320	0,000	-61,649	-61,649	0,000	-267,260	-267,260	0,000
Plate_2_1	7008	1	7,015	-5,870	-14,320	-14,320	0,000	-61,644	-61,644	0,000	-267,260	-267,260	0,000
Element 11-16 (Plate)	7002	2	7,250	-5,870	-14,519	-14,519	0,000	-51,348	-51,348	0,000	-280,524	-280,524	0,000
(PLINTO)	7003	3	7,485	-5,870	-14,696	-14,696	0,000	-41,041	-41,041	0,000	-291,374	-291,374	0,000
	7004	4	7,720	-5,870	-14,853	-14,853	0,000	-30,732	-30,732	0,000	-299,804	-299,804	0,000
	7282	5	7,955	-5,870	-14,989	-14,989	0,000	-20,428	-20,428	0,000	-305,809	-305,809	0,000
Plate_2_1	7282	1	7,955	-5,870	-14,989	-14,989	0,000	-20,423	-20,423	0,000	-305,809	-305,809	0,000
Element 11-17 (Plate)	7283	2	8,203	-5,870	-15,111	-15,111	0,000	-9,509	-9,509	0,000	-309,530	-309,530	0,000
(PLINTO)	7284	3	8,452	-5,870	-15,210	-15,210	0,000	1,415	0,000	1,415	-310,536	-310,536	0,000
	7285	4	8,701	-5,870	-15,286	-15,286	0,000	12,340	0,000	12,340	-308,826	-308,826	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	7975	5	8,949	-5,870	-15,337	-15,337	0,000	23,259	0,000	23,259	-304,400	-304,400	0,000
Plate_2_1	7975	1	8,949	-5,870	-15,337	-15,337	0,000	23,265	0,000	23,265	-304,400	-304,400	0,000
Element 11-18 (Plate)	7979	2	9,213	-5,870	-15,361	-15,361	0,000	34,829	0,000	34,829	-296,753	-296,753	0,000
(PLINTO)	7980	3	9,476	-5,870	-15,349	-15,349	0,000	46,400	0,000	46,400	-286,053	-286,053	0,000
	7981	4	9,740	-5,870	-15,297	-15,297	0,000	57,963	0,000	57,963	-272,308	-272,308	0,000
	8569	5	10,003	-5,870	-15,196	-15,196	0,000	69,506	0,000	69,506	-255,525	-255,525	0,000
Plate_2_1	8569	1	10,003	-5,870	-15,196	-15,196	0,000	69,514	0,000	69,514	-255,525	-255,525	0,000
Element 11-19 (Plate)	8573	2	10,282	-5,870	-15,022	-15,022	0,000	81,705	0,000	81,705	-234,443	-234,443	0,000
(PLINTO)	8574	3	10,561	-5,870	-14,763	-14,763	0,000	93,857	0,000	93,857	-209,952	-209,952	0,000
	8575	4	10,840	-5,870	-14,393	-14,393	0,000	105,918	0,000	105,918	-182,086	-182,086	0,000
	9249	5	11,119	-5,870	-13,884	-13,884	0,000	117,836	0,000	117,836	-150,885	-150,885	0,000
Plate_2_1	9249	1	11,119	-5,870	-13,913	-13,913	0,000	117,925	0,000	117,925	-150,885	-150,885	0,000
Element 11-20 (Plate)	9253	2	11,414	-5,870	-13,057	-13,057	0,000	130,184	0,000	130,184	-114,263	-114,263	0,000
(PLINTO)	9254	3	11,709	-5,870	-12,056	-12,056	0,000	142,149	0,000	142,149	-73,999	-73,999	0,000
	9255	4	12,005	-5,870	-10,347	-10,347	0,000	153,143	0,000	153,143	-30,369	-30,369	0,000
	9897	5	12,300	-5,870	-7,363	-7,363	0,000	162,489	0,000	162,489	16,291	0,000	16,291
Plate_1_11	1416	1	0,000	-5,870	-155,828	-157,044	0,000	22,541	-61,120	22,741	20,916	-171,931	20,916
Element 12-21 (Plate)	1417	2	0,000	-5,943	-156,676	-157,887	0,000	19,893	-59,087	20,294	22,469	-176,117	22,469
(Paratia 800)	1418	3	0,000	-6,016	-157,531	-158,736	0,000	17,264	-57,357	17,839	23,827	-180,116	23,827
	1419	4	0,000	-6,090	-158,366	-159,563	0,000	14,745	-55,858	15,472	24,999	-183,926	24,999
	1722	5	0,000	-6,163	-159,156	-160,339	0,000	12,424	-54,521	13,285	25,991	-187,546	25,991
Plate_1_11	1722	1	0,000	-6,163	-159,159	-160,342	0,000	12,411	-54,456	13,274	25,991	-187,546	25,991
Element 12-22 (Plate)	1723	2	0,000	-6,250	-160,064	-161,227	0,000	9,824	-52,993	10,828	26,961	-191,624	26,961
(Paratia 800)	1724	3	0,000	-6,338	-160,929	-162,067	0,000	7,413	-53,039	8,541	27,714	-195,435	27,722
	1725	4	0,000	-6,425	-161,751	-162,859	0,000	5,185	-52,985	6,419	28,264	-198,979	28,375
	2258	5	0,000	-6,512	-162,528	-163,602	0,000	3,143	-52,916	4,466	28,626	-202,255	28,849
Plate_1_11	2258	1	0,000	-6,512	-162,540	-163,614	0,000	3,104	-52,941	4,427	28,626	-202,255	28,849
Element 12-23 (Plate)	2259	2	0,000	-6,617	-163,432	-164,460	0,000	0,828	-53,870	5,338	28,830	-205,826	29,197
(Paratia 800)	2260	3	0,000	-6,721	-164,294	-165,273	0,000	-1,311	-54,770	6,445	28,804	-209,027	29,321

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	2261	4	0,000	-6,826	-165,126	-166,052	0,000	-3,313	-55,472	7,437	28,561	-211,863	29,234
	2690	5	0,000	-6,930	-165,928	-166,795	0,000	-5,175	-55,967	8,316	28,117	-214,337	28,950
Plate_1_11	2690	1	0,000	-6,930	-165,934	-166,802	0,000	-5,192	-55,983	8,324	28,117	-214,337	28,950
Element 12-24 (Plate)	2691	2	0,000	-7,055	-166,865	-167,659	0,000	-7,296	-56,324	9,248	27,336	-216,833	28,363
(Paratia 800)	2692	3	0,000	-7,180	-167,776	-168,492	0,000	-9,284	-56,408	10,055	26,299	-218,837	27,521
	2693	4	0,000	-7,305	-168,668	-169,300	0,000	-11,158	-56,238	10,749	25,022	-220,366	26,436
	3440	5	0,000	-7,430	-169,539	-170,083	0,000	-12,916	-55,816	11,550	23,518	-221,432	25,120
Plate_1_11	3440	1	0,000	-7,430	-169,543	-170,087	0,000	-12,925	-55,822	11,556	23,518	-221,432	25,120
Element 12-25 (Plate)	3441	2	0,000	-7,579	-170,559	-170,991	0,000	-14,916	-55,006	12,975	21,441	-222,125	23,261
(Paratia 800)	3442	3	0,000	-7,728	-171,565	-171,881	0,000	-16,837	-53,875	14,221	19,071	-222,215	21,098
	3443	4	0,000	-7,877	-172,564	-172,758	0,000	-18,697	-52,441	15,298	16,419	-221,736	18,640
	3844	5	0,000	-8,027	-173,558	-173,627	0,000	-20,505	-50,715	16,207	13,495	-220,719	15,895
Plate_1_11	3844	1	0,000	-8,027	-173,564	-173,634	0,000	-20,529	-50,726	16,215	13,495	-220,719	15,895
Element 12-26 (Plate)	3845	2	0,000	-8,205	-174,760	-174,760	0,000	-22,680	-48,319	17,885	9,645	-220,422	12,236
(Paratia 800)	3846	3	0,000	-8,383	-175,978	-175,978	0,000	-24,886	-45,586	19,716	5,405	-221,563	8,160
	3847	4	0,000	-8,561	-177,222	-177,222	0,000	-27,160	-42,553	21,284	0,766	-221,995	3,654
	4104	5	0,000	-8,740	-178,496	-178,496	0,282	-29,517	-40,939	22,730	-4,284	-221,743	0,000
Plate_1_11	4104	1	0,000	-8,740	-178,490	-178,490	0,280	-29,494	-40,944	22,735	-4,284	-221,743	0,000
Element 12-27 (Plate)	4105	2	0,000	-8,953	-180,082	-180,082	1,274	-32,548	-39,478	25,074	-10,888	-224,169	0,000
(Paratia 800)	4106	3	0,000	-9,166	-181,706	-181,706	2,214	-35,713	-38,140	27,488	-18,159	-227,054	0,000
	4107	4	0,000	-9,379	-183,357	-183,357	3,100	-38,972	-39,112	29,582	-26,114	-230,646	0,000
	4678	5	0,000	-9,592	-185,028	-185,028	3,931	-42,311	-42,619	31,260	-34,768	-235,125	0,083
Plate_1_11	4678	1	0,000	-9,592	-185,012	-185,012	3,931	-42,361	-42,660	31,328	-34,768	-235,125	0,083
Element 12-28 (Plate)	4679	2	0,000	-9,846	-186,952	-186,952	4,855	-46,105	-46,560	32,766	-46,027	-239,701	0,216
(Paratia 800)	4680	3	0,000	-10,101	-188,806	-188,806	5,699	-49,600	-50,124	33,979	-58,220	-242,967	0,348
	4681	4	0,000	-10,355	-190,521	-190,521	6,459	-52,723	-53,212	35,137	-71,252	-244,708	0,469
	5370	5	0,000	-10,610	-192,049	-192,049	7,134	-55,348	-55,683	36,407	-85,017	-244,826	0,568
Plate_1_12	5370	1	0,000	-10,610	-191,747	-191,747	7,022	-54,341	-54,614	37,004	-85,017	-244,826	0,568
Element 13-29 (Plate)	5371	2	0,000	-10,857	-188,860	-188,860	8,075	-41,155	-41,164	39,418	-96,790	-242,284	0,622

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
(Paratia 800)	5372	3	0,000	-11,104	-186,393	-186,393	9,067	-29,409	-29,409	40,583	-105,472	-237,119	0,648
	5373	4	0,000	-11,351	-184,415	-184,415	9,999	-19,349	-19,349	42,430	-111,467	-229,924	0,653
	5578	5	0,000	-11,598	-182,993	-182,993	10,875	-11,223	-11,223	42,870	-115,198	-221,269	0,647
Plate_1_12	5578	1	0,000	-11,598	-182,854	-182,854	10,876	-11,024	-11,024	43,059	-115,198	-221,269	0,647
Element 13-30 (Plate)	5579	2	0,000	-11,852	-181,186	-181,186	11,721	-4,021	-4,021	43,884	-117,080	-211,219	0,633
(Paratia 800)	5580	3	0,000	-12,106	-179,471	-179,471	12,508	1,848	-0,087	44,873	-117,334	-200,945	0,613
	5581	4	0,000	-12,359	-177,701	-177,701	13,237	6,664	-0,099	46,062	-116,232	-191,663	0,589
	5646	5	0,000	-12,613	-175,869	-175,869	13,907	10,504	-0,105	46,707	-114,036	-181,793	0,563
Plate_1_12	5646	1	0,000	-12,613	-175,860	-175,861	13,907	10,492	-0,106	46,791	-114,036	-181,793	0,563
Element 13-31 (Plate)	5647	2	0,000	-12,873	-173,926	-173,926	14,533	13,632	-0,110	46,844	-110,884	-172,035	0,535
(Paratia 800)	5648	3	0,000	-13,133	-171,883	-171,883	15,097	16,138	-0,112	46,386	-106,995	-162,110	0,506
	5649	4	0,000	-13,394	-169,722	-169,722	15,598	18,029	-0,112	45,469	-102,535	-151,972	0,477
	6192	5	0,000	-13,654	-167,434	-167,434	16,036	19,322	-0,109	44,142	-97,662	-141,782	0,448
Plate_1_12	6192	1	0,000	-13,654	-167,422	-167,422	16,036	19,320	-0,109	44,183	-97,662	-141,782	0,448
Element 13-32 (Plate)	6193	2	0,000	-13,921	-164,950	-164,950	16,421	20,282	-0,105	42,527	-92,368	-131,394	0,464
(Paratia 800)	6194	3	0,000	-14,188	-162,291	-162,291	16,739	20,908	-0,100	40,660	-86,858	-121,187	0,967
	6195	4	0,000	-14,455	-159,440	-159,440	16,990	21,192	-0,095	38,604	-81,227	-111,246	1,390
	6304	5	0,000	-14,722	-156,393	-156,393	17,296	21,132	-0,092	36,380	-75,568	-101,653	1,742
Plate_1_12	6304	1	0,000	-14,722	-156,380	-156,380	17,295	21,116	-0,092	36,408	-75,568	-101,653	1,742
Element 13-33 (Plate)	6305	2	0,000	-14,996	-153,061	-153,061	17,856	20,890	-0,089	34,014	-69,809	-92,215	2,034
(Paratia 800)	6306	3	0,000	-15,271	-149,485	-149,485	18,310	20,523	-0,087	32,032	-64,128	-83,225	2,264
	6307	4	0,000	-15,545	-145,649	-145,649	18,656	19,998	-0,086	30,158	-58,570	-74,711	2,434
	6344	5	0,000	-15,819	-141,550	-141,550	18,892	19,294	-0,085	28,321	-53,182	-66,697	2,547
Plate_1_12	6344	1	0,000	-15,819	-141,540	-141,540	18,888	19,291	-0,085	28,337	-53,182	-66,697	2,547
Element 13-34 (Plate)	6345	2	0,000	-16,100	-137,054	-137,054	19,012	18,468	-0,086	26,435	-47,871	-58,995	2,606
(Paratia 800)	6346	3	0,000	-16,381	-132,243	-132,243	19,006	17,598	-0,103	24,558	-42,796	-51,822	2,605
	6347	4	0,000	-16,663	-127,105	-127,105	18,867	16,690	-0,292	22,715	-37,971	-45,172	2,770
	6520	5	0,000	-16,944	-121,640	-121,640	18,594	15,755	-0,460	20,914	-33,409	-39,038	2,995
Plate_1_12	6520	1	0,000	-16,944	-121,614	-121,614	18,585	15,754	-0,457	20,922	-33,409	-39,038	2,995

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Element 13-35 (Plate)	6521	2	0,000	-17,233	-115,625	-115,625	18,156	14,793	-0,585	19,153	-29,000	-33,257	3,107
(Paratia 800)	6522	3	0,000	-17,521	-109,180	-109,180	17,546	13,824	-0,688	17,458	-24,869	-27,973	3,091
	6523	4	0,000	-17,810	-102,275	-102,275	16,752	12,847	-0,769	15,835	-21,018	-23,280	2,960
	6956	5	0,000	-18,099	-94,908	-94,908	15,773	11,858	-0,949	14,282	-17,452	-19,020	2,907
Plate_1_12	6956	1	0,000	-18,099	-94,819	-94,819	15,768	11,827	-0,943	14,270	-17,452	-19,020	2,907
Element 13-36 (Plate)	6957	2	0,000	-18,395	-86,725	-86,725	14,559	10,855	-1,188	12,739	-14,097	-15,072	2,773
(Paratia 800)	6958	3	0,000	-18,691	-77,818	-77,818	13,134	9,932	-1,364	11,220	-11,014	-11,544	2,475
	6959	4	0,000	-18,988	-68,084	-68,084	11,493	8,948	-1,588	9,765	-8,217	-8,438	2,054
	7450	5	0,000	-19,284	-57,509	-57,509	9,636	7,791	-1,805	8,325	-5,731	-5,759	1,548
Plate_1_12	7450	1	0,000	-19,284	-56,993	-56,993	9,638	8,069	-1,740	8,278	-5,731	-5,759	1,548
Element 13-37 (Plate)	7451	2	0,000	-19,588	-45,488	-45,488	7,477	6,413	-1,864	6,715	-3,613	-3,613	0,991
(Paratia 800)	7452	3	0,000	-19,892	-31,827	-31,827	5,093	5,658	-1,560	5,658	-1,699	-1,699	0,470
	7453	4	0,000	-20,196	-15,396	-15,396	2,478	3,484	-0,846	3,484	-0,315	-0,422	0,091
	7454	5	0,000	-20,500	4,420	-0,377	4,420	-2,430	-2,430	0,315	0,000	0,000	0,000

3.1.1.1.10 Calculation results, Plate, Versante - fase B [Phase_10] (10/177), Table of plate force envelopes

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_1	118	1	0,000	-0,500	0,000	-0,004	0,064	0,000	-0,037	0,243	0,000	0,000	0,000
Element 1-1 (Plate)	117	2	0,000	-0,625	-0,342	-0,687	0,000	-1,155	-1,155	0,193	-0,066	-0,066	0,008
(Paratia 800)	116	3	0,000	-0,750	-0,685	-1,396	0,000	-2,945	-2,945	0,520	-0,315	-0,315	0,053
	115	4	0,000	-0,875	-1,028	-2,125	0,000	-5,371	-5,371	0,904	-0,828	-0,828	0,141
	119	5	0,000	-1,000	-1,370	-2,871	0,000	-8,429	-8,429	1,309	-1,684	-1,684	0,279
Plate_1_2	119	1	0,000	-1,000	-1,370	-2,854	0,000	-8,433	-8,433	1,273	-1,684	-1,684	0,279
Element 2-2 (Plate)	67	2	0,000	-1,250	-2,055	-4,246	0,000	-17,178	-17,178	1,334	-4,831	-4,831	0,615
(Paratia 800)	66	3	0,000	-1,500	-2,740	-5,792	0,000	-28,472	-28,472	0,938	-10,487	-10,487	0,908
	65	4	0,000	-1,750	-3,425	-7,553	0,000	-42,306	-42,306	0,102	-19,282	-19,282	1,047
	224	5	0,000	-2,000	-4,110	-9,574	0,000	-58,672	-58,672	0,000	-31,849	-31,849	0,923
Plate_1_3	224	1	0,000	-2,000	-4,110	-9,551	0,000	-58,677	-58,677	0,000	-31,849	-31,849	0,923
Element 3-3 (Plate)	227	2	0,000	-2,125	-4,452	-10,616	0,000	-68,646	-68,646	0,000	-39,803	-39,803	0,732
(Paratia 800)	226	3	0,000	-2,250	-4,795	-11,731	0,000	-78,741	-78,741	0,000	-49,016	-49,016	0,438
	225	4	0,000	-2,375	-5,138	-12,892	0,000	-88,954	-88,954	0,000	-59,498	-59,498	0,029
	370	5	0,000	-2,500	-5,480	-14,101	0,000	-99,280	-99,280	0,000	-71,259	-71,259	0,000
Plate_1_4	370	1	0,000	-2,500	-5,480	-14,101	0,000	-99,288	-99,288	0,000	-71,259	-71,259	0,000
Element 4-4 (Plate)	373	2	0,000	-2,750	-6,165	-16,663	0,000	-122,271	-122,271	0,000	-98,942	-98,942	0,000
(Paratia 800)	372	3	0,000	-3,000	-6,850	-19,414	0,000	-145,461	-145,461	0,000	-132,414	-132,414	0,000
	371	4	0,000	-3,250	-7,535	-22,351	0,000	-168,844	-168,844	0,000	-171,706	-171,706	0,000
	474	5	0,000	-3,500	-8,220	-25,472	0,000	-192,402	-192,402	0,000	-216,848	-216,848	0,000
Plate_1_5	474	1	0,000	-3,500	-8,220	-25,474	0,000	-192,411	-192,411	0,000	-216,848	-216,848	0,000
Element 5-5 (Plate)	475	2	0,000	-3,670	-8,686	-27,702	0,000	-208,044	-208,044	0,009	-250,877	-250,877	0,000
(Paratia 800)	476	3	0,000	-3,840	-9,152	-30,019	0,000	-223,777	-223,777	0,029	-287,590	-287,590	0,000
	477	4	0,000	-4,010	-9,618	-32,421	0,000	-239,598	-239,598	0,051	-326,984	-326,984	0,000
	510	5	0,000	-4,180	-10,083	-34,908	0,000	-255,497	-255,497	0,073	-369,057	-369,057	0,000
Plate_1_6	510	1	0,000	-4,180	-199,854	-199,854	0,000	71,871	-55,211	97,423	-369,057	-369,057	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Element 6-6 (Plate)	513	2	0,000	-4,260	-200,073	-200,073	0,000	64,359	-58,140	94,383	-363,608	-363,608	0,000
(Paratia 800)	512	3	0,000	-4,340	-200,292	-200,292	0,000	56,821	-61,148	91,279	-358,760	-358,760	0,000
	511	4	0,000	-4,420	-200,512	-200,512	0,000	49,264	-64,232	88,113	-354,515	-354,515	0,000
	540	5	0,000	-4,500	-200,731	-200,731	0,000	41,693	-67,391	84,886	-350,878	-350,878	0,000
Plate_1_7	540	1	0,000	-4,500	-200,731	-200,731	0,000	41,688	-67,230	84,885	-350,878	-350,878	0,000
Element 7-7 (Plate)	543	2	0,000	-4,613	-201,039	-201,039	0,000	31,325	-69,338	80,239	-346,769	-346,769	0,000
(Paratia 800)	542	3	0,000	-4,725	-201,348	-201,348	0,000	20,915	-70,968	75,467	-343,827	-343,827	0,000
	541	4	0,000	-4,838	-201,656	-201,656	0,000	10,466	-72,135	70,573	-342,060	-342,060	0,000
	576	5	0,000	-4,950	-201,964	-201,964	0,000	-0,014	-72,859	65,560	-341,472	-341,472	0,000
Plate_1_7	576	1	0,000	-4,950	-201,965	-201,965	0,000	-0,018	-72,846	65,558	-341,472	-341,472	0,000
Element 7-8 (Plate)	577	2	0,000	-5,031	-202,184	-202,184	0,000	-7,512	-73,103	61,912	-341,773	-341,773	0,000
(Paratia 800)	578	3	0,000	-5,111	-202,404	-202,404	0,000	-15,030	-73,159	58,202	-342,678	-342,678	0,000
	579	4	0,000	-5,191	-202,624	-202,624	0,000	-22,568	-73,017	54,434	-344,187	-344,187	0,000
	630	5	0,000	-5,271	-202,844	-202,844	0,000	-30,121	-72,678	50,611	-346,300	-346,300	0,000
Plate_1_7	630	1	0,000	-5,271	-202,844	-202,844	0,000	-30,124	-72,678	50,610	-346,300	-346,300	0,000
Element 7-9 (Plate)	631	2	0,000	-5,328	-203,001	-203,001	0,000	-35,519	-72,322	47,853	-348,176	-348,176	1,957
(Paratia 800)	632	3	0,000	-5,386	-203,157	-203,157	0,000	-40,929	-71,865	45,068	-350,363	-350,363	4,614
	633	4	0,000	-5,443	-203,314	-203,314	0,000	-46,348	-71,305	42,261	-352,859	-352,859	7,112
	664	5	0,000	-5,500	-203,471	-203,471	0,000	-51,773	-70,642	39,441	-355,664	-355,664	9,448
Plate_1_8	664	1	0,000	-5,500	-203,471	-203,471	0,000	-51,774	-70,635	39,439	-355,664	-355,664	9,448
Element 8-10 (Plate)	665	2	0,000	-5,512	-203,505	-203,505	0,000	-51,774	-70,473	38,820	-356,311	-356,311	9,937
(Paratia 800)	666	3	0,000	-5,525	-203,539	-203,539	0,000	-51,774	-70,301	38,202	-356,958	-356,958	10,418
	667	4	0,000	-5,537	-203,573	-203,573	0,000	-51,774	-70,122	37,604	-357,606	-357,606	10,892
	996	5	0,000	-5,550	-203,608	-203,608	0,000	-51,774	-69,937	37,048	-358,253	-358,253	11,358
Plate_1_9	996	1	0,000	-5,550	-203,567	-203,567	0,000	-51,914	-69,968	36,965	-358,253	-358,253	11,358
Element 9-11 (Plate)	997	2	0,000	-5,583	-203,513	-203,513	0,000	-52,108	-68,780	35,567	-359,944	-359,944	12,538
(Paratia 800)	998	3	0,000	-5,615	-203,463	-203,463	0,000	-52,292	-67,625	34,182	-361,641	-361,641	13,672
	999	4	0,000	-5,648	-203,414	-203,414	0,000	-52,470	-66,488	32,778	-363,345	-363,345	14,759
	1020	5	0,000	-5,680	-203,365	-203,365	0,000	-52,648	-65,357	31,345	-365,054	-365,054	15,800

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_10	1020	1	0,000	-5,680	-203,365	-203,365	0,000	-52,648	-65,357	31,351	-365,054	-365,054	15,800
Element 10-12 (Plate)	1021	2	0,000	-5,728	-203,301	-203,301	0,000	-52,882	-63,683	29,240	-367,559	-367,559	17,234
(Paratia 800)	1022	3	0,000	-5,775	-203,238	-203,238	0,000	-53,112	-61,997	27,095	-370,076	-370,076	18,566
	1023	4	0,000	-5,823	-203,175	-203,175	0,000	-53,343	-61,183	24,915	-372,604	-372,604	19,794
	1416	5	0,000	-5,870	-203,110	-203,110	0,000	-53,581	-61,268	22,699	-375,141	-375,141	20,916
Plate_2_1	4600	1	4,500	-5,870	-2,990	-7,480	0,000	-142,768	-168,207	0,000	-33,657	-33,657	25,200
Element 11-13 (Plate)	4601	2	4,698	-5,870	-8,664	-9,916	0,000	-138,472	-161,254	0,000	-61,495	-61,495	0,000
(PLINTO)	4602	3	4,895	-5,870	-12,680	-12,960	0,000	-132,449	-153,457	0,000	-88,292	-88,292	0,000
	4603	4	5,093	-5,870	-15,562	-15,764	0,000	-125,457	-145,196	0,000	-113,820	-113,820	0,000
	5256	5	5,291	-5,870	-17,830	-18,039	0,000	-118,254	-136,855	0,000	-137,898	-137,898	0,000
Plate_2_1	5256	1	5,291	-5,870	-17,789	-17,998	0,000	-118,168	-136,800	0,000	-137,898	-137,898	0,000
Element 11-14 (Plate)	5257	2	5,500	-5,870	-19,710	-19,920	0,000	-110,181	-127,800	0,000	-161,803	-161,803	0,000
(PLINTO)	5258	3	5,710	-5,870	-21,284	-21,487	0,000	-102,038	-118,732	0,000	-184,028	-184,028	0,000
	5259	4	5,919	-5,870	-22,611	-22,802	0,000	-93,750	-109,621	0,000	-204,534	-204,534	0,000
	5978	5	6,128	-5,870	-23,790	-23,969	0,000	-85,332	-100,490	0,000	-223,280	-223,280	0,000
Plate_2_1	5978	1	6,128	-5,870	-23,774	-23,952	0,000	-85,334	-100,486	0,000	-223,280	-223,280	0,000
Element 11-15 (Plate)	5982	2	6,350	-5,870	-24,841	-25,005	0,000	-76,314	-90,796	0,000	-241,201	-241,201	0,000
(PLINTO)	5983	3	6,572	-5,870	-25,780	-25,929	0,000	-67,186	-81,087	0,000	-257,116	-257,116	0,000
	5984	4	6,794	-5,870	-26,605	-26,740	0,000	-57,970	-71,367	0,000	-270,998	-270,998	0,000
	7008	5	7,015	-5,870	-27,333	-27,454	0,000	-48,686	-61,649	0,000	-282,821	-282,821	0,000
Plate_2_1	7008	1	7,015	-5,870	-27,333	-27,454	0,000	-48,682	-61,644	0,000	-282,821	-282,821	0,000
Element 11-16 (Plate)	7002	2	7,250	-5,870	-28,008	-28,115	0,000	-38,779	-51,348	0,000	-293,090	-293,090	0,000
(PLINTO)	7003	3	7,485	-5,870	-28,599	-28,693	0,000	-28,806	-41,041	0,000	-301,027	-301,052	0,000
	7004	4	7,720	-5,870	-29,112	-29,195	0,000	-18,777	-30,732	0,000	-306,618	-306,672	0,000
	7282	5	7,955	-5,870	-29,555	-29,626	0,000	-8,705	-20,428	0,000	-309,844	-309,927	0,000
Plate_2_1	7282	1	7,955	-5,870	-29,556	-29,626	0,000	-8,700	-20,423	0,000	-309,844	-309,927	0,000
Element 11-17 (Plate)	7283	2	8,203	-5,870	-29,953	-30,013	0,000	2,013	-9,509	2,013	-310,677	-311,127	0,000
(PLINTO)	7284	3	8,452	-5,870	-30,283	-30,332	0,000	12,777	0,000	12,777	-308,837	-310,536	0,000
	7285	4	8,701	-5,870	-30,546	-30,585	0,000	23,578	0,000	23,578	-304,317	-308,826	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	7975	5	8,949	-5,870	-30,745	-30,775	0,000	34,403	0,000	34,403	-297,109	-304,400	0,000
Plate_2_1	7975	1	8,949	-5,870	-30,746	-30,775	0,000	34,409	0,000	34,409	-297,109	-304,400	0,000
Element 11-18 (Plate)	7979	2	9,213	-5,870	-30,884	-30,904	0,000	45,900	0,000	45,900	-286,538	-296,753	0,000
(PLINTO)	7980	3	9,476	-5,870	-30,946	-30,958	0,000	57,419	0,000	57,419	-272,929	-286,053	0,000
	7981	4	9,740	-5,870	-30,924	-30,928	0,000	68,946	0,000	68,946	-256,286	-272,308	0,000
	8569	5	10,003	-5,870	-30,809	-30,809	0,000	80,459	0,000	80,459	-236,616	-255,525	0,000
Plate_2_1	8569	1	10,003	-5,870	-30,810	-30,810	0,000	80,468	0,000	80,468	-236,616	-255,525	0,000
Element 11-19 (Plate)	8573	2	10,282	-5,870	-30,566	-30,566	0,000	92,622	0,000	92,622	-212,485	-234,443	0,000
(PLINTO)	8574	3	10,561	-5,870	-30,175	-30,175	0,000	104,722	0,000	104,722	-184,953	-209,952	0,000
	8575	4	10,840	-5,870	-29,598	-29,598	0,000	116,691	0,000	116,691	-154,069	-182,086	0,000
	9249	5	11,119	-5,870	-28,792	-28,792	0,000	128,454	0,000	128,454	-119,884	-150,885	0,000
Plate_2_1	9249	1	11,119	-5,870	-28,831	-28,831	0,000	128,575	0,000	128,575	-119,884	-150,885	0,000
Element 11-20 (Plate)	9253	2	11,414	-5,870	-27,492	-27,492	0,000	140,508	0,000	140,508	-80,168	-114,263	0,000
(PLINTO)	9254	3	11,709	-5,870	-25,890	-25,890	0,000	151,997	0,000	151,997	-36,909	-73,999	0,000
	9255	4	12,005	-5,870	-23,231	-23,231	0,000	162,099	0,000	162,099	9,504	-30,369	9,504
	9897	5	12,300	-5,870	-18,720	-18,720	0,000	169,870	0,000	169,870	58,600	0,000	58,600
Plate_1_11	1416	1	0,000	-5,870	-203,089	-203,089	0,000	-53,523	-61,120	22,741	-375,141	-375,141	20,916
Element 12-21 (Plate)	1417	2	0,000	-5,943	-202,291	-202,291	0,000	-52,206	-59,087	20,294	-379,009	-379,009	22,469
(Paratia 800)	1418	3	0,000	-6,016	-201,482	-201,482	0,000	-50,864	-57,357	17,839	-382,782	-382,782	23,827
	1419	4	0,000	-6,090	-200,624	-200,624	0,000	-49,396	-55,858	15,472	-386,452	-386,452	24,999
	1722	5	0,000	-6,163	-199,681	-199,681	0,000	-47,699	-54,521	13,285	-390,006	-390,006	25,991
Plate_1_11	1722	1	0,000	-6,163	-199,702	-199,702	0,000	-47,792	-54,456	13,274	-390,006	-390,006	25,991
Element 12-22 (Plate)	1723	2	0,000	-6,250	-198,543	-198,543	0,000	-45,673	-52,993	10,828	-394,093	-394,093	26,961
(Paratia 800)	1724	3	0,000	-6,338	-197,302	-197,302	0,000	-43,356	-53,039	8,541	-397,988	-397,988	27,722
	1725	4	0,000	-6,425	-195,969	-195,969	0,000	-40,836	-52,985	6,419	-401,671	-401,671	28,375
	2258	5	0,000	-6,512	-194,534	-194,534	0,000	-38,114	-52,916	4,466	-405,123	-405,123	28,849
Plate_1_11	2258	1	0,000	-6,512	-194,549	-194,549	0,000	-38,105	-52,941	4,427	-405,123	-405,123	28,849
Element 12-23 (Plate)	2259	2	0,000	-6,617	-192,770	-192,770	0,000	-34,530	-53,870	5,338	-408,921	-408,921	29,197
(Paratia 800)	2260	3	0,000	-6,721	-190,941	-190,941	0,000	-30,618	-54,770	6,445	-412,327	-412,327	29,321

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	2261	4	0,000	-6,826	-189,065	-189,065	0,000	-26,390	-55,472	7,437	-415,309	-415,309	29,234
	2690	5	0,000	-6,930	-187,141	-187,141	0,000	-21,867	-55,967	8,316	-417,832	-417,832	28,950
Plate_1_11	2690	1	0,000	-6,930	-187,149	-187,149	0,000	-21,895	-55,983	8,324	-417,832	-417,832	28,950
Element 12-24 (Plate)	2691	2	0,000	-7,055	-184,776	-184,776	0,000	-16,438	-56,324	9,248	-420,224	-420,224	28,363
(Paratia 800)	2692	3	0,000	-7,180	-182,324	-182,324	0,000	-11,061	-56,408	10,055	-421,940	-421,940	27,521
	2693	4	0,000	-7,305	-179,800	-179,800	0,000	-5,722	-56,238	10,749	-422,988	-422,988	26,436
	3440	5	0,000	-7,430	-177,207	-177,207	0,000	-0,381	-55,816	11,550	-423,369	-423,369	25,120
Plate_1_11	3440	1	0,000	-7,430	-177,245	-177,245	0,000	-0,352	-55,822	11,556	-423,369	-423,369	25,120
Element 12-25 (Plate)	3441	2	0,000	-7,579	-174,062	-174,062	0,000	6,319	-55,006	12,975	-422,925	-422,925	23,261
(Paratia 800)	3442	3	0,000	-7,728	-170,908	-171,881	0,000	13,040	-53,875	14,221	-421,480	-421,480	21,098
	3443	4	0,000	-7,877	-167,799	-172,758	0,000	19,759	-52,441	20,808	-419,034	-419,034	18,640
	3844	5	0,000	-8,027	-164,748	-173,627	0,000	26,424	-50,715	27,460	-415,588	-415,588	15,895
Plate_1_11	3844	1	0,000	-8,027	-164,761	-173,634	0,000	26,215	-50,726	27,244	-415,588	-415,588	15,895
Element 12-26 (Plate)	3845	2	0,000	-8,205	-161,309	-174,760	0,000	33,753	-48,319	34,687	-410,228	-410,228	12,236
(Paratia 800)	3846	3	0,000	-8,383	-158,019	-175,978	0,000	40,102	-45,586	40,843	-403,623	-403,623	8,160
	3847	4	0,000	-8,561	-154,897	-177,222	0,000	45,199	-42,553	45,678	-396,000	-396,000	3,654
	4104	5	0,000	-8,740	-151,949	-178,496	0,282	48,976	-40,939	49,160	-387,587	-387,587	0,000
Plate_1_11	4104	1	0,000	-8,740	-151,937	-178,490	0,280	49,065	-40,944	49,269	-387,587	-387,587	0,000
Element 12-27 (Plate)	4105	2	0,000	-8,953	-148,642	-180,082	1,274	51,712	-39,478	51,712	-376,829	-376,829	0,000
(Paratia 800)	4106	3	0,000	-9,166	-145,554	-181,706	2,214	52,889	-38,140	52,889	-365,660	-365,660	0,000
	4107	4	0,000	-9,379	-142,668	-183,357	3,100	52,651	-39,112	52,651	-354,391	-354,391	0,000
	4678	5	0,000	-9,592	-139,983	-185,028	3,931	51,056	-42,619	51,056	-343,324	-343,324	0,083
Plate_1_11	4678	1	0,000	-9,592	-139,958	-185,012	3,931	51,090	-42,660	51,090	-343,324	-343,324	0,083
Element 12-28 (Plate)	4679	2	0,000	-9,846	-136,938	-186,952	4,855	48,127	-46,560	48,127	-330,675	-330,675	0,216
(Paratia 800)	4680	3	0,000	-10,101	-134,107	-188,806	5,699	44,106	-50,124	44,106	-318,915	-318,915	0,348
	4681	4	0,000	-10,355	-131,444	-190,521	6,459	39,148	-53,212	39,148	-308,295	-308,295	0,469
	5370	5	0,000	-10,610	-128,925	-192,049	7,134	33,375	-55,683	36,407	-299,053	-299,053	0,568
Plate_1_12	5370	1	0,000	-10,610	-128,877	-191,747	7,022	34,262	-54,614	37,004	-299,053	-299,053	0,568
Element 13-29 (Plate)	5371	2	0,000	-10,857	-121,801	-188,860	8,075	41,331	-41,164	41,331	-289,692	-289,692	0,622

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
(Paratia 800)	5372	3	0,000	-11,104	-115,334	-186,393	9,067	47,038	-29,409	47,038	-278,734	-278,734	0,648
	5373	4	0,000	-11,351	-109,535	-184,415	9,999	51,158	-19,349	51,158	-266,569	-266,569	0,653
	5578	5	0,000	-11,598	-104,459	-182,993	10,875	53,461	-11,223	53,461	-253,603	-253,603	0,647
Plate_1_12	5578	1	0,000	-11,598	-104,333	-182,854	10,876	53,676	-11,024	53,676	-253,603	-253,603	0,647
Element 13-30 (Plate)	5579	2	0,000	-11,852	-99,142	-181,186	11,721	54,849	-4,021	54,849	-239,824	-239,824	0,633
(Paratia 800)	5580	3	0,000	-12,106	-94,144	-179,471	12,508	55,133	-0,087	55,133	-225,859	-225,859	0,613
	5581	4	0,000	-12,359	-89,337	-177,701	13,237	54,620	-0,099	54,620	-211,921	-211,921	0,589
	5646	5	0,000	-12,613	-84,722	-175,869	13,907	53,403	-0,105	53,403	-198,213	-198,213	0,563
Plate_1_12	5646	1	0,000	-12,613	-84,712	-175,861	13,907	53,411	-0,106	53,411	-198,213	-198,213	0,563
Element 13-31 (Plate)	5647	2	0,000	-12,873	-80,200	-173,926	14,533	51,701	-0,110	51,701	-184,532	-184,532	0,535
(Paratia 800)	5648	3	0,000	-13,133	-75,875	-171,883	15,097	49,716	-0,112	49,716	-171,326	-171,326	0,506
	5649	4	0,000	-13,394	-71,728	-169,722	15,598	47,477	-0,112	47,477	-158,669	-158,669	0,477
	6192	5	0,000	-13,654	-67,755	-167,434	16,036	45,003	-0,109	45,003	-146,633	-146,633	0,448
Plate_1_12	6192	1	0,000	-13,654	-67,745	-167,422	16,036	44,994	-0,109	44,994	-146,633	-146,633	0,448
Element 13-32 (Plate)	6193	2	0,000	-13,921	-63,877	-164,950	16,421	42,456	-0,105	42,527	-134,957	-134,957	0,464
(Paratia 800)	6194	3	0,000	-14,188	-60,165	-162,291	16,739	39,938	-0,100	40,660	-123,951	-123,951	0,967
	6195	4	0,000	-14,455	-56,605	-159,440	16,990	37,431	-0,095	38,604	-113,617	-113,617	1,390
	6304	5	0,000	-14,722	-53,194	-156,393	17,296	34,927	-0,092	36,380	-103,956	-103,956	1,742
Plate_1_12	6304	1	0,000	-14,722	-53,186	-156,380	17,295	34,895	-0,092	36,408	-103,956	-103,956	1,742
Element 13-33 (Plate)	6305	2	0,000	-14,996	-49,876	-153,061	17,856	32,480	-0,089	34,014	-94,728	-94,728	2,034
(Paratia 800)	6306	3	0,000	-15,271	-46,707	-149,485	18,310	30,224	-0,087	32,032	-86,135	-86,135	2,264
	6307	4	0,000	-15,545	-43,675	-145,649	18,656	28,099	-0,086	30,158	-78,143	-78,143	2,434
	6344	5	0,000	-15,819	-40,780	-141,550	18,892	26,082	-0,085	28,321	-70,721	-70,721	2,547
Plate_1_12	6344	1	0,000	-15,819	-40,781	-141,540	18,888	26,059	-0,085	28,337	-70,721	-70,721	2,547
Element 13-34 (Plate)	6345	2	0,000	-16,100	-37,968	-137,054	19,012	24,136	-0,086	26,435	-63,666	-63,666	2,606
(Paratia 800)	6346	3	0,000	-16,381	-35,300	-132,243	19,006	22,387	-0,103	24,558	-57,126	-57,126	2,605
	6347	4	0,000	-16,663	-32,778	-127,105	18,867	20,816	-0,292	22,715	-51,052	-51,052	2,770
	6520	5	0,000	-16,944	-30,401	-121,640	18,594	19,427	-0,460	20,914	-45,397	-45,397	2,995
Plate_1_12	6520	1	0,000	-16,944	-30,394	-121,614	18,585	19,410	-0,457	20,922	-45,397	-45,397	2,995

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Element 13-35 (Plate)	6521	2	0,000	-17,233	-28,096	-115,625	18,156	18,166	-0,585	19,153	-39,978	-39,978	3,107
(Paratia 800)	6522	3	0,000	-17,521	-25,919	-109,180	17,546	17,058	-0,688	17,458	-34,896	-34,896	3,091
	6523	4	0,000	-17,810	-23,862	-102,275	16,752	16,079	-0,769	16,079	-30,115	-30,115	2,960
	6956	5	0,000	-18,099	-21,925	-94,908	15,773	15,220	-0,949	15,220	-25,600	-25,600	2,907
Plate_1_12	6956	1	0,000	-18,099	-21,872	-94,819	15,768	15,154	-0,943	15,154	-25,600	-25,600	2,907
Element 13-36 (Plate)	6957	2	0,000	-18,395	-20,010	-86,725	14,559	14,426	-1,188	14,426	-21,224	-21,224	2,773
(Paratia 800)	6958	3	0,000	-18,691	-18,095	-77,818	13,134	13,744	-1,364	13,744	-17,046	-17,046	2,475
	6959	4	0,000	-18,988	-16,117	-68,084	11,493	12,978	-1,588	12,978	-13,087	-13,087	2,054
	7450	5	0,000	-19,284	-14,068	-57,509	9,636	11,999	-1,805	11,999	-9,379	-9,379	1,548
Plate_1_12	7450	1	0,000	-19,284	-13,668	-56,993	9,638	11,918	-1,740	11,918	-9,379	-9,379	1,548
Element 13-37 (Plate)	7451	2	0,000	-19,588	-11,789	-45,488	7,477	10,825	-1,864	10,825	-5,978	-5,978	0,991
(Paratia 800)	7452	3	0,000	-19,892	-8,915	-31,827	5,093	9,473	-1,560	9,473	-2,782	-2,782	0,470
	7453	4	0,000	-20,196	-4,398	-15,396	2,478	5,480	-0,846	5,480	-0,484	-0,484	0,091
	7454	5	0,000	-20,500	2,411	-0,377	4,420	-3,541	-3,541	0,315	0,000	0,000	0,000

3.2.1.1.1.4 Calculation results, Node-to-node anchor, chiodo [Phase_3] (3/151), Table of total displacements

Structural element	Node	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
NodeToNodeAnchor_2_1	510	1	0,000	-4,180	12,145	1,856	12,286
Element 1-1 (Node-to-node anchor)	4888	2	-12,990	-11,710	0,301	0,418	0,515

3.2.1.1.1.5 Calculation results, Node-to-node anchor, scavo per plinto [Phase_4] (4/155), Table of total displacements

Structural element	Node	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
NodeToNodeAnchor_2_1	510	1	0,000	-4,180	20,558	1,201	20,593
Element 1-1 (Node-to-node anchor)	4888	2	-12,990	-11,710	2,248	1,061	2,486

3.2.1.1.1.6 Calculation results, Node-to-node anchor, scavo totale a valle [Phase_5] (5/163), Table of total displacements

Structural element	Node	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
NodeToNodeAnchor_2_1	510	1	0,000	-4,180	37,082	-4,676	37,376
Element 1-1 (Node-to-node anchor)	4888	2	-12,990	-11,710	12,762	-3,461	13,223

3.2.1.1.1.7 Calculation results, Node-to-node anchor, falda a -5 m [Phase_6] (6/167), Table of total displacements

Structural element	Node	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
NodeToNodeAnchor_2_1	510	1	0,000	-4,180	39,058	-5,098	39,389
Element 1-1 (Node-to-node anchor)	4888	2	-12,990	-11,710	13,775	-3,434	14,196

3.2.1.1.1.8 Calculation results, Node-to-node anchor, terrapieno [Phase_7] (7/169), Table of total displacements

Structural element	Node	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
NodeToNodeAnchor_2_1	510	1	0,000	-4,180	39,056	-5,119	39,390
Element 1-1 (Node-to-node anchor)	4888	2	-12,990	-11,710	13,769	-3,432	14,190

3.2.1.1.1.9 Calculation results, Node-to-node anchor, plinto + pali [Phase_8] (8/172), Table of total displacements

Structural element	Node	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
NodeToNodeAnchor_2_1	510	1	0,000	-4,180	40,193	-6,439	40,705
Element 1-1 (Node-to-node anchor)	4888	2	-12,990	-11,710	14,309	-3,774	14,798

3.2.1.1.1.10 Calculation results, Node-to-node anchor, Versante - fase B [Phase_10] (10/177), Table of total displacements

Structural element	Node	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
NodeToNodeAnchor_2_1	510	1	0,000	-4,180	19,171	6,020	20,094
Element 1-1 (Node-to-node anchor)	4888	2	-12,990	-11,710	1,760	16,170	16,266

3.2.2.1.4 Calculation results, Node-to-node anchor, chiodo [Phase_3] (3/151), Table of node-to-node anchors

Structural element	Node	Local number	X [m]	Y [m]	N [kN]	N_{min} [kN]	N_{max} [kN]
NodeToNodeAnchor_2_1	510	1	0,000	-4,180	1,935	0,000	1,935
Element 1-1 (Node-to-node anchor)	4888	2	-12,990	-11,710	1,935	0,000	1,935

3.2.2.1.5 Calculation results, Node-to-node anchor, scavo per plinto [Phase_4] (4/155), Table of node-to-node anchors

Structural element	Node	Local number	X [m]	Y [m]	N [kN]	N_{min} [kN]	N_{max} [kN]
NodeToNodeAnchor_2_1	510	1	0,000	-4,180	206,555	0,000	206,555
Element 1-1 (Node-to-node anchor)	4888	2	-12,990	-11,710	206,555	0,000	206,555

3.2.2.1.6 Calculation results, Node-to-node anchor, scavo totale a valle [Phase_5] (5/163), Table of node-to-node anchors

Structural element	Node	Local number	X [m]	Y [m]	N [kN]	N_{min} [kN]	N_{max} [kN]
NodeToNodeAnchor_2_1	510	1	0,000	-4,180	393,692	0,000	393,692
Element 1-1 (Node-to-node anchor)	4888	2	-12,990	-11,710	393,692	0,000	393,692

3.2.2.1.7 Calculation results, Node-to-node anchor, falda a -5 m [Phase_6] (6/167), Table of node-to-node anchors

Structural element	Node	Local number	X [m]	Y [m]	N [kN]	N_{min} [kN]	N_{max} [kN]
NodeToNodeAnchor_2_1	510	1	0,000	-4,180	418,876	0,000	418,876
Element 1-1 (Node-to-node anchor)	4888	2	-12,990	-11,710	418,876	0,000	418,876

3.2.2.1.8 Calculation results, Node-to-node anchor, terrapieno [Phase_7] (7/169), Table of node-to-node anchors

Structural element	Node	Local number	X [m]	Y [m]	N [kN]	N_{min} [kN]	N_{max} [kN]
NodeToNodeAnchor_2_1	510	1	0,000	-4,180	418,544	0,000	418,876
Element 1-1 (Node-to-node anchor)	4888	2	-12,990	-11,710	418,544	0,000	418,876

3.2.2.1.9 Calculation results, Node-to-node anchor, plinto + pali [Phase_8] (8/172), Table of node-to-node anchors

Structural element	Node	Local number	X [m]	Y [m]	N [kN]	N_{min} [kN]	N_{max} [kN]
NodeToNodeAnchor_2_1	510	1	0,000	-4,180	419,608	0,000	419,608
Element 1-1 (Node-to-node anchor)	4888	2	-12,990	-11,710	419,608	0,000	419,608

3.2.2.1.10 Calculation results, Node-to-node anchor, Versante - fase B [Phase_10] (10/177), Table of node-to-node anchors

Structural element	Node	Local number	X [m]	Y [m]	N [kN]	N_{min} [kN]	N_{max} [kN]
NodeToNodeAnchor_2_1	510	1	0,000	-4,180	832,479	0,000	832,479
Element 1-1 (Node-to-node anchor)	4888	2	-12,990	-11,710	832,479	0,000	832,479

3.3.1.1.1.9 Calculation results, Embedded beam row, plinto + pali [Phase_8] (8/172), Table of total displacements

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
EmbeddedBeamRow_1_1	15320	1	4,500	-5,870	25,030	25,491	35,726
Element 1-1 (Embedded beam row)	15321	2	4,500	-6,009	24,959	25,443	35,641
(palo 1500)	15322	3	4,500	-6,147	24,878	25,398	35,553
	15323	4	4,500	-6,286	24,789	25,347	35,454
	15324	5	4,500	-6,424	24,693	25,267	35,329
EmbeddedBeamRow_1_1	15324	1	4,500	-6,424	24,693	25,267	35,329
Element 1-2 (Embedded beam row)	15325	2	4,500	-6,614	24,670	24,616	34,851
(palo 1500)	15326	3	4,500	-6,803	24,638	23,957	34,365
	15327	4	4,500	-6,992	24,596	23,316	33,892
	15328	5	4,500	-7,181	24,552	22,701	33,438
EmbeddedBeamRow_1_1	15328	1	4,500	-7,181	24,552	22,701	33,438
Element 1-3 (Embedded beam row)	15329	2	4,500	-7,379	24,501	22,082	32,984
(palo 1500)	15330	3	4,500	-7,576	24,445	21,484	32,544
	15331	4	4,500	-7,773	24,384	20,904	32,118
	15332	5	4,500	-7,971	24,317	20,340	31,702
EmbeddedBeamRow_1_1	15332	1	4,500	-7,971	24,317	20,340	31,702
Element 1-4 (Embedded beam row)	15333	2	4,500	-8,177	24,231	19,764	31,269
(palo 1500)	15334	3	4,500	-8,383	24,121	19,194	30,826
	15335	4	4,500	-8,589	23,977	18,628	30,363
	15336	5	4,500	-8,794	23,801	18,066	29,881
EmbeddedBeamRow_1_1	15336	1	4,500	-8,794	23,801	18,066	29,881
Element 1-5 (Embedded beam row)	15337	2	4,500	-9,009	23,595	17,489	29,370
(palo 1500)	15338	3	4,500	-9,224	23,370	16,922	28,853

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	15339	4	4,500	-9,439	23,120	16,363	28,325
	15340	5	4,500	-9,654	22,836	15,809	27,774
EmbeddedBeamRow_1_1	15340	1	4,500	-9,654	22,836	15,809	27,774
Element 1-6 (Embedded beam row)	15341	2	4,500	-9,878	22,491	15,235	27,165
(palo 1500)	15342	3	4,500	-10,102	22,093	14,669	26,519
	15343	4	4,500	-10,326	21,649	14,114	25,844
	15344	5	4,500	-10,550	21,172	13,579	25,153
EmbeddedBeamRow_1_1	15344	1	4,500	-10,550	21,172	13,579	25,153
Element 1-7 (Embedded beam row)	15345	2	4,500	-10,783	20,657	13,044	24,430
(palo 1500)	15346	3	4,500	-11,017	20,139	12,536	23,722
	15347	4	4,500	-11,251	19,641	12,055	23,045
	15348	5	4,500	-11,484	19,187	11,601	22,422
EmbeddedBeamRow_1_1	15348	1	4,500	-11,484	19,187	11,601	22,422
Element 1-8 (Embedded beam row)	15349	2	4,500	-11,732	19,005	11,242	22,081
(palo 1500)	15350	3	4,500	-11,980	18,810	10,895	21,737
	15351	4	4,500	-12,227	18,600	10,557	21,387
	15352	5	4,500	-12,475	18,376	10,229	21,031
EmbeddedBeamRow_1_1	15352	1	4,500	-12,475	18,376	10,229	21,031
Element 1-9 (Embedded beam row)	15353	2	4,500	-12,726	18,136	9,906	20,665
(palo 1500)	15354	3	4,500	-12,978	17,884	9,592	20,294
	15355	4	4,500	-13,229	17,622	9,288	19,920
	15356	5	4,500	-13,480	17,351	8,994	19,544
EmbeddedBeamRow_1_1	15356	1	4,500	-13,480	17,351	8,994	19,544
Element 1-10 (Embedded beam row)	15357	2	4,500	-13,735	17,068	8,706	19,160
(palo 1500)	15358	3	4,500	-13,990	16,778	8,426	18,775
	15359	4	4,500	-14,246	16,481	8,156	18,389

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	15360	5	4,500	-14,501	16,180	7,895	18,003
EmbeddedBeamRow_1_1	15360	1	4,500	-14,501	16,180	7,895	18,003
Element 1-11 (Embedded beam row)	15361	2	4,500	-14,760	15,869	7,639	17,612
(palo 1500)	15362	3	4,500	-15,018	15,555	7,392	17,222
	15363	4	4,500	-15,277	15,238	7,152	16,833
	15364	5	4,500	-15,536	14,918	6,920	16,445
EmbeddedBeamRow_1_1	15364	1	4,500	-15,536	14,918	6,920	16,445
Element 1-12 (Embedded beam row)	15365	2	4,500	-15,799	14,592	6,693	16,054
(palo 1500)	15366	3	4,500	-16,062	14,265	6,473	15,665
	15367	4	4,500	-16,325	13,937	6,260	15,278
	15368	5	4,500	-16,587	13,609	6,054	14,894
EmbeddedBeamRow_1_1	15368	1	4,500	-16,587	13,609	6,054	14,894
Element 1-13 (Embedded beam row)	15369	2	4,500	-16,854	13,276	5,851	14,508
(palo 1500)	15370	3	4,500	-17,121	12,944	5,654	14,125
	15371	4	4,500	-17,387	12,613	5,464	13,746
	15372	5	4,500	-17,654	12,284	5,278	13,370
EmbeddedBeamRow_1_1	15372	1	4,500	-17,654	12,284	5,278	13,370
Element 1-14 (Embedded beam row)	15373	2	4,500	-17,925	11,952	5,096	12,993
(palo 1500)	15374	3	4,500	-18,195	11,623	4,919	12,621
	15375	4	4,500	-18,466	11,297	4,748	12,254
	15376	5	4,500	-18,737	10,974	4,581	11,892
EmbeddedBeamRow_1_1	15376	1	4,500	-18,737	10,974	4,581	11,892
Element 1-15 (Embedded beam row)	15377	2	4,500	-19,011	10,652	4,416	11,531
(palo 1500)	15378	3	4,500	-19,286	10,335	4,256	11,177
	15379	4	4,500	-19,561	10,025	4,100	10,831
	15380	5	4,500	-19,836	9,723	3,949	10,494

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
EmbeddedBeamRow_1_1	15380	1	4,500	-19,836	9,723	3,949	10,494
Element 1-16 (Embedded beam row)	15381	2	4,500	-20,114	9,426	3,799	10,163
(palo 1500)	15382	3	4,500	-20,393	9,142	3,653	9,845
	15383	4	4,500	-20,672	8,873	3,509	9,541
	15384	5	4,500	-20,951	8,618	3,367	9,252
EmbeddedBeamRow_1_1	15384	1	4,500	-20,951	8,618	3,367	9,252
Element 1-17 (Embedded beam row)	15385	2	4,500	-21,234	8,372	3,224	8,971
(palo 1500)	15386	3	4,500	-21,517	8,136	3,083	8,701
	15387	4	4,500	-21,800	7,908	2,942	8,437
	15388	5	4,500	-22,083	7,684	2,803	8,180
EmbeddedBeamRow_1_1	15388	1	4,500	-22,083	7,684	2,803	8,180
Element 1-18 (Embedded beam row)	15389	2	4,500	-22,370	7,462	2,663	7,923
(palo 1500)	15390	3	4,500	-22,657	7,244	2,525	7,671
	15391	4	4,500	-22,944	7,030	2,388	7,425
	15392	5	4,500	-23,231	6,821	2,253	7,183
EmbeddedBeamRow_1_1	15392	1	4,500	-23,231	6,821	2,253	7,183
Element 1-19 (Embedded beam row)	15393	2	4,500	-23,523	6,613	2,117	6,944
(palo 1500)	15394	3	4,500	-23,814	6,410	1,983	6,710
	15395	4	4,500	-24,106	6,213	1,850	6,482
	15396	5	4,500	-24,397	6,020	1,718	6,261
EmbeddedBeamRow_1_1	15396	1	4,500	-24,397	6,020	1,718	6,261
Element 1-20 (Embedded beam row)	15397	2	4,500	-24,693	5,830	1,586	6,042
(palo 1500)	15398	3	4,500	-24,989	5,645	1,455	5,829
	15399	4	4,500	-25,285	5,465	1,325	5,623
	15400	5	4,500	-25,580	5,289	1,196	5,423
EmbeddedBeamRow_1_1	15400	1	4,500	-25,580	5,289	1,196	5,423

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
Element 1-21 (Embedded beam row)	15401	2	4,500	-25,881	5,116	1,066	5,226
(palo 1500)	15402	3	4,500	-26,181	4,948	0,937	5,036
	15403	4	4,500	-26,481	4,783	0,808	4,851
	15404	5	4,500	-26,781	4,622	0,681	4,672
EmbeddedBeamRow_1_1	15404	1	4,500	-26,781	4,622	0,681	4,672
Element 1-22 (Embedded beam row)	15405	2	4,500	-27,086	4,462	0,553	4,496
(palo 1500)	15406	3	4,500	-27,391	4,305	0,425	4,326
	15407	4	4,500	-27,695	4,150	0,298	4,160
	15408	5	4,500	-28,000	3,997	0,172	4,000
EmbeddedBeamRow_1_1	15408	1	4,500	-28,000	3,997	0,172	4,000
Element 1-23 (Embedded beam row)	15409	2	4,500	-28,673	3,662	-0,104	3,663
(palo 1500)	15410	3	4,500	-29,345	3,327	-0,375	3,348
	15411	4	4,500	-30,018	2,985	-0,641	3,053
	15412	5	4,500	-30,690	2,630	-0,901	2,780
EmbeddedBeamRow_2_1	15413	1	12,300	-5,870	21,057	24,382	32,216
Element 2-24 (Embedded beam row)	15414	2	12,300	-6,155	21,037	24,350	32,179
(palo 1500)	15415	3	12,300	-6,441	21,008	24,318	32,135
	15416	4	12,300	-6,726	20,967	24,286	32,084
	15417	5	12,300	-7,012	20,914	24,254	32,025
EmbeddedBeamRow_2_1	15417	1	12,300	-7,012	20,914	24,254	32,025
Element 2-25 (Embedded beam row)	15418	2	12,300	-7,244	20,862	24,227	31,971
(palo 1500)	15419	3	12,300	-7,476	20,802	24,202	31,913
	15420	4	12,300	-7,708	20,733	24,172	31,846
	15421	5	12,300	-7,940	20,653	24,115	31,751
EmbeddedBeamRow_2_1	15421	1	12,300	-7,940	20,653	24,115	31,751
Element 2-26 (Embedded beam row)	15422	2	12,300	-8,193	20,608	23,337	31,134

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
(palo 1500)	15423	3	12,300	-8,446	20,523	22,575	30,509
	15424	4	12,300	-8,699	20,408	21,857	29,904
	15425	5	12,300	-8,952	20,267	21,178	29,313
EmbeddedBeamRow_2_1	15425	1	12,300	-8,952	20,267	21,178	29,313
Element 2-27 (Embedded beam row)	15426	2	12,300	-9,205	20,103	20,535	28,737
(palo 1500)	15427	3	12,300	-9,458	19,914	19,920	28,167
	15428	4	12,300	-9,711	19,701	19,333	27,602
	15429	5	12,300	-9,964	19,466	18,770	27,041
EmbeddedBeamRow_2_1	15429	1	12,300	-9,964	19,466	18,770	27,041
Element 2-28 (Embedded beam row)	15430	2	12,300	-10,217	19,211	18,231	26,484
(palo 1500)	15431	3	12,300	-10,470	18,936	17,713	25,929
	15432	4	12,300	-10,723	18,643	17,213	25,374
	15433	5	12,300	-10,976	18,333	16,731	24,820
EmbeddedBeamRow_2_1	15433	1	12,300	-10,976	18,333	16,731	24,820
Element 2-29 (Embedded beam row)	15434	2	12,300	-11,229	18,006	16,266	24,265
(palo 1500)	15435	3	12,300	-11,482	17,663	15,817	23,710
	15436	4	12,300	-11,735	17,308	15,383	23,156
	15437	5	12,300	-11,988	16,940	14,961	22,600
EmbeddedBeamRow_2_1	15437	1	12,300	-11,988	16,940	14,961	22,600
Element 2-30 (Embedded beam row)	15438	2	12,300	-12,241	16,556	14,548	22,040
(palo 1500)	15439	3	12,300	-12,494	16,159	14,144	21,475
	15440	4	12,300	-12,747	15,750	13,748	20,907
	15441	5	12,300	-13,000	15,335	13,363	20,340
EmbeddedBeamRow_2_1	15441	1	12,300	-13,000	15,335	13,363	20,340
Element 2-31 (Embedded beam row)	15442	2	12,300	-13,241	15,147	13,078	20,011
(palo 1500)	15443	3	12,300	-13,482	14,953	12,798	19,682

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	15444	4	12,300	-13,723	14,752	12,522	19,350
	15445	5	12,300	-13,964	14,545	12,248	19,015
EmbeddedBeamRow_2_1	15445	1	12,300	-13,964	14,545	12,248	19,015
Element 2-32 (Embedded beam row)	15446	2	12,300	-14,209	14,328	11,974	18,673
(palo 1500)	15447	3	12,300	-14,453	14,105	11,703	18,328
	15448	4	12,300	-14,698	13,877	11,436	17,982
	15449	5	12,300	-14,943	13,643	11,172	17,634
EmbeddedBeamRow_2_1	15449	1	12,300	-14,943	13,643	11,172	17,634
Element 2-33 (Embedded beam row)	15450	2	12,300	-15,192	13,401	10,907	17,279
(palo 1500)	15451	3	12,300	-15,441	13,154	10,646	16,922
	15452	4	12,300	-15,690	12,903	10,388	16,565
	15453	5	12,300	-15,938	12,649	10,133	16,207
EmbeddedBeamRow_2_1	15453	1	12,300	-15,938	12,649	10,133	16,207
Element 2-34 (Embedded beam row)	15454	2	12,300	-16,191	12,387	9,878	15,843
(palo 1500)	15455	3	12,300	-16,444	12,122	9,626	15,479
	15456	4	12,300	-16,697	11,855	9,378	15,116
	15457	5	12,300	-16,950	11,587	9,133	14,753
EmbeddedBeamRow_2_1	15457	1	12,300	-16,950	11,587	9,133	14,753
Element 2-35 (Embedded beam row)	15458	2	12,300	-17,206	11,312	8,888	14,386
(palo 1500)	15459	3	12,300	-17,463	11,037	8,646	14,021
	15460	4	12,300	-17,720	10,762	8,408	13,657
	15461	5	12,300	-17,977	10,488	8,174	13,297
EmbeddedBeamRow_2_1	15461	1	12,300	-17,977	10,488	8,174	13,297
Element 2-36 (Embedded beam row)	15462	2	12,300	-18,238	10,210	7,939	12,933
(palo 1500)	15463	3	12,300	-18,499	9,933	7,708	12,573
	15464	4	12,300	-18,760	9,658	7,481	12,217

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	15465	5	12,300	-19,021	9,386	7,257	11,864
EmbeddedBeamRow_2_1	15465	1	12,300	-19,021	9,386	7,257	11,864
Element 2-37 (Embedded beam row)	15466	2	12,300	-19,286	9,113	7,033	11,511
(palo 1500)	15467	3	12,300	-19,551	8,844	6,813	11,163
	15468	4	12,300	-19,817	8,578	6,596	10,821
	15469	5	12,300	-20,082	8,317	6,382	10,484
EmbeddedBeamRow_2_1	15469	1	12,300	-20,082	8,317	6,382	10,484
Element 2-38 (Embedded beam row)	15470	2	12,300	-20,351	8,056	6,169	10,147
(palo 1500)	15471	3	12,300	-20,621	7,801	5,959	9,817
	15472	4	12,300	-20,890	7,552	5,751	9,493
	15473	5	12,300	-21,160	7,308	5,548	9,175
EmbeddedBeamRow_2_1	15473	1	12,300	-21,160	7,308	5,548	9,175
Element 2-39 (Embedded beam row)	15474	2	12,300	-21,433	7,066	5,343	8,859
(palo 1500)	15475	3	12,300	-21,707	6,831	5,142	8,550
	15476	4	12,300	-21,981	6,602	4,944	8,248
	15477	5	12,300	-22,255	6,380	4,749	7,953
EmbeddedBeamRow_2_1	15477	1	12,300	-22,255	6,380	4,749	7,953
Element 2-40 (Embedded beam row)	15478	2	12,300	-22,533	6,160	4,553	7,660
(palo 1500)	15479	3	12,300	-22,811	5,948	4,359	7,374
	15480	4	12,300	-23,089	5,742	4,169	7,096
	15481	5	12,300	-23,367	5,544	3,980	6,825
EmbeddedBeamRow_2_1	15481	1	12,300	-23,367	5,544	3,980	6,825
Element 2-41 (Embedded beam row)	15482	2	12,300	-23,650	5,350	3,792	6,557
(palo 1500)	15483	3	12,300	-23,933	5,162	3,605	6,297
	15484	4	12,300	-24,215	4,982	3,421	6,044
	15485	5	12,300	-24,498	4,810	3,238	5,798

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
EmbeddedBeamRow_2_1	15485	1	12,300	-24,498	4,810	3,238	5,798
Element 2-42 (Embedded beam row)	15486	2	12,300	-24,785	4,641	3,055	5,557
(palo 1500)	15487	3	12,300	-25,072	4,480	2,874	5,323
	15488	4	12,300	-25,360	4,326	2,695	5,097
	15489	5	12,300	-25,647	4,179	2,517	4,878
EmbeddedBeamRow_2_1	15489	1	12,300	-25,647	4,179	2,517	4,878
Element 2-43 (Embedded beam row)	15490	2	12,300	-25,939	4,035	2,339	4,664
(palo 1500)	15491	3	12,300	-26,230	3,898	2,162	4,457
	15492	4	12,300	-26,522	3,767	1,986	4,258
	15493	5	12,300	-26,814	3,641	1,812	4,067
EmbeddedBeamRow_2_1	15493	1	12,300	-26,814	3,641	1,812	4,067
Element 2-44 (Embedded beam row)	15494	2	12,300	-27,110	3,518	1,637	3,880
(palo 1500)	15495	3	12,300	-27,407	3,400	1,463	3,701
	15496	4	12,300	-27,703	3,286	1,290	3,530
	15497	5	12,300	-28,000	3,175	1,119	3,366
EmbeddedBeamRow_2_1	15497	1	12,300	-28,000	3,175	1,119	3,366
Element 2-45 (Embedded beam row)	15498	2	12,300	-28,673	2,934	0,734	3,024
(palo 1500)	15499	3	12,300	-29,345	2,699	0,354	2,723
	15500	4	12,300	-30,018	2,466	-0,021	2,466
	15501	5	12,300	-30,690	2,228	-0,390	2,261

3.3.1.1.1.10 Calculation results, Embedded beam row, Versante - fase B [Phase_10] (10/177), Table of total displacements

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
EmbeddedBeamRow_1_1	15320	1	4,500	-5,870	2,723	1,952	3,351
Element 1-1 (Embedded beam row)	15321	2	4,500	-6,009	2,694	1,952	3,326
(palo 1500)	15322	3	4,500	-6,147	2,663	1,951	3,302
	15323	4	4,500	-6,286	2,632	1,951	3,276
	15324	5	4,500	-6,424	2,601	1,951	3,251
EmbeddedBeamRow_1_1	15324	1	4,500	-6,424	2,601	1,951	3,251
Element 1-2 (Embedded beam row)	15325	2	4,500	-6,614	2,556	1,950	3,215
(palo 1500)	15326	3	4,500	-6,803	2,511	1,950	3,179
	15327	4	4,500	-6,992	2,464	1,949	3,142
	15328	5	4,500	-7,181	2,416	1,949	3,104
EmbeddedBeamRow_1_1	15328	1	4,500	-7,181	2,416	1,949	3,104
Element 1-3 (Embedded beam row)	15329	2	4,500	-7,379	2,366	1,949	3,065
(palo 1500)	15330	3	4,500	-7,576	2,314	1,948	3,025
	15331	4	4,500	-7,773	2,261	1,948	2,984
	15332	5	4,500	-7,971	2,206	1,947	2,943
EmbeddedBeamRow_1_1	15332	1	4,500	-7,971	2,206	1,947	2,943
Element 1-4 (Embedded beam row)	15333	2	4,500	-8,177	2,149	1,947	2,900
(palo 1500)	15334	3	4,500	-8,383	2,091	1,946	2,856
	15335	4	4,500	-8,589	2,031	1,946	2,813
	15336	5	4,500	-8,794	1,971	1,945	2,769
EmbeddedBeamRow_1_1	15336	1	4,500	-8,794	1,971	1,945	2,769
Element 1-5 (Embedded beam row)	15337	2	4,500	-9,009	1,907	1,945	2,724
(palo 1500)	15338	3	4,500	-9,224	1,842	1,944	2,679

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	15339	4	4,500	-9,439	1,777	1,944	2,634
	15340	5	4,500	-9,654	1,711	1,943	2,589
EmbeddedBeamRow_1_1	15340	1	4,500	-9,654	1,711	1,943	2,589
Element 1-6 (Embedded beam row)	15341	2	4,500	-9,878	1,641	1,943	2,543
(palo 1500)	15342	3	4,500	-10,102	1,571	1,942	2,498
	15343	4	4,500	-10,326	1,501	1,942	2,454
	15344	5	4,500	-10,550	1,430	1,941	2,411
EmbeddedBeamRow_1_1	15344	1	4,500	-10,550	1,430	1,941	2,411
Element 1-7 (Embedded beam row)	15345	2	4,500	-10,783	1,355	1,940	2,367
(palo 1500)	15346	3	4,500	-11,017	1,281	1,940	2,325
	15347	4	4,500	-11,251	1,206	1,939	2,284
	15348	5	4,500	-11,484	1,131	1,939	2,245
EmbeddedBeamRow_1_1	15348	1	4,500	-11,484	1,131	1,939	2,245
Element 1-8 (Embedded beam row)	15349	2	4,500	-11,732	1,052	1,938	2,205
(palo 1500)	15350	3	4,500	-11,980	0,973	1,937	2,168
	15351	4	4,500	-12,227	0,895	1,937	2,133
	15352	5	4,500	-12,475	0,817	1,936	2,101
EmbeddedBeamRow_1_1	15352	1	4,500	-12,475	0,817	1,936	2,101
Element 1-9 (Embedded beam row)	15353	2	4,500	-12,726	0,738	1,935	2,071
(palo 1500)	15354	3	4,500	-12,978	0,660	1,934	2,044
	15355	4	4,500	-13,229	0,583	1,934	2,020
	15356	5	4,500	-13,480	0,507	1,933	1,998
EmbeddedBeamRow_1_1	15356	1	4,500	-13,480	0,507	1,933	1,998
Element 1-10 (Embedded beam row)	15357	2	4,500	-13,735	0,431	1,932	1,979
(palo 1500)	15358	3	4,500	-13,990	0,356	1,931	1,963
	15359	4	4,500	-14,246	0,282	1,930	1,951

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	15360	5	4,500	-14,501	0,209	1,929	1,940
EmbeddedBeamRow_1_1	15360	1	4,500	-14,501	0,209	1,929	1,940
Element 1-11 (Embedded beam row)	15361	2	4,500	-14,760	0,137	1,928	1,933
(palo 1500)	15362	3	4,500	-15,018	0,066	1,927	1,928
	15363	4	4,500	-15,277	-0,003	1,926	1,926
	15364	5	4,500	-15,536	-0,071	1,925	1,926
EmbeddedBeamRow_1_1	15364	1	4,500	-15,536	-0,071	1,925	1,926
Element 1-12 (Embedded beam row)	15365	2	4,500	-15,799	-0,137	1,924	1,929
(palo 1500)	15366	3	4,500	-16,062	-0,202	1,923	1,933
	15367	4	4,500	-16,325	-0,266	1,922	1,940
	15368	5	4,500	-16,587	-0,327	1,920	1,948
EmbeddedBeamRow_1_1	15368	1	4,500	-16,587	-0,327	1,920	1,948
Element 1-13 (Embedded beam row)	15369	2	4,500	-16,854	-0,388	1,919	1,958
(palo 1500)	15370	3	4,500	-17,121	-0,446	1,918	1,969
	15371	4	4,500	-17,387	-0,503	1,917	1,981
	15372	5	4,500	-17,654	-0,557	1,915	1,995
EmbeddedBeamRow_1_1	15372	1	4,500	-17,654	-0,557	1,915	1,995
Element 1-14 (Embedded beam row)	15373	2	4,500	-17,925	-0,610	1,914	2,009
(palo 1500)	15374	3	4,500	-18,195	-0,661	1,912	2,024
	15375	4	4,500	-18,466	-0,710	1,911	2,039
	15376	5	4,500	-18,737	-0,757	1,910	2,054
EmbeddedBeamRow_1_1	15376	1	4,500	-18,737	-0,757	1,910	2,054
Element 1-15 (Embedded beam row)	15377	2	4,500	-19,011	-0,803	1,908	2,070
(palo 1500)	15378	3	4,500	-19,286	-0,846	1,907	2,086
	15379	4	4,500	-19,561	-0,887	1,905	2,101
	15380	5	4,500	-19,836	-0,926	1,903	2,117

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
EmbeddedBeamRow_1_1	15380	1	4,500	-19,836	-0,926	1,903	2,117
Element 1-16 (Embedded beam row)	15381	2	4,500	-20,114	-0,963	1,902	2,132
(palo 1500)	15382	3	4,500	-20,393	-0,999	1,900	2,146
	15383	4	4,500	-20,672	-1,032	1,898	2,161
	15384	5	4,500	-20,951	-1,063	1,897	2,174
EmbeddedBeamRow_1_1	15384	1	4,500	-20,951	-1,063	1,897	2,174
Element 1-17 (Embedded beam row)	15385	2	4,500	-21,234	-1,092	1,895	2,187
(palo 1500)	15386	3	4,500	-21,517	-1,119	1,893	2,199
	15387	4	4,500	-21,800	-1,144	1,891	2,210
	15388	5	4,500	-22,083	-1,167	1,889	2,221
EmbeddedBeamRow_1_1	15388	1	4,500	-22,083	-1,167	1,889	2,221
Element 1-18 (Embedded beam row)	15389	2	4,500	-22,370	-1,188	1,888	2,231
(palo 1500)	15390	3	4,500	-22,657	-1,208	1,886	2,239
	15391	4	4,500	-22,944	-1,225	1,884	2,247
	15392	5	4,500	-23,231	-1,240	1,882	2,254
EmbeddedBeamRow_1_1	15392	1	4,500	-23,231	-1,240	1,882	2,254
Element 1-19 (Embedded beam row)	15393	2	4,500	-23,523	-1,254	1,880	2,260
(palo 1500)	15394	3	4,500	-23,814	-1,266	1,878	2,265
	15395	4	4,500	-24,106	-1,276	1,876	2,269
	15396	5	4,500	-24,397	-1,285	1,874	2,272
EmbeddedBeamRow_1_1	15396	1	4,500	-24,397	-1,285	1,874	2,272
Element 1-20 (Embedded beam row)	15397	2	4,500	-24,693	-1,292	1,872	2,274
(palo 1500)	15398	3	4,500	-24,989	-1,297	1,870	2,276
	15399	4	4,500	-25,285	-1,301	1,868	2,276
	15400	5	4,500	-25,580	-1,303	1,866	2,276
EmbeddedBeamRow_1_1	15400	1	4,500	-25,580	-1,303	1,866	2,276

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
Element 1-21 (Embedded beam row)	15401	2	4,500	-25,881	-1,304	1,864	2,275
(palo 1500)	15402	3	4,500	-26,181	-1,304	1,862	2,273
	15403	4	4,500	-26,481	-1,303	1,860	2,271
	15404	5	4,500	-26,781	-1,300	1,858	2,268
EmbeddedBeamRow_1_1	15404	1	4,500	-26,781	-1,300	1,858	2,268
Element 1-22 (Embedded beam row)	15405	2	4,500	-27,086	-1,297	1,856	2,265
(palo 1500)	15406	3	4,500	-27,391	-1,293	1,855	2,261
	15407	4	4,500	-27,695	-1,288	1,853	2,256
	15408	5	4,500	-28,000	-1,282	1,851	2,251
EmbeddedBeamRow_1_1	15408	1	4,500	-28,000	-1,282	1,851	2,251
Element 1-23 (Embedded beam row)	15409	2	4,500	-28,673	-1,268	1,847	2,240
(palo 1500)	15410	3	4,500	-29,345	-1,252	1,843	2,228
	15411	4	4,500	-30,018	-1,235	1,840	2,216
	15412	5	4,500	-30,690	-1,219	1,837	2,204
EmbeddedBeamRow_2_1	15413	1	12,300	-5,870	2,722	0,340	2,743
Element 2-24 (Embedded beam row)	15414	2	12,300	-6,155	2,660	0,340	2,682
(palo 1500)	15415	3	12,300	-6,441	2,597	0,340	2,619
	15416	4	12,300	-6,726	2,532	0,341	2,555
	15417	5	12,300	-7,012	2,465	0,341	2,488
EmbeddedBeamRow_2_1	15417	1	12,300	-7,012	2,465	0,341	2,488
Element 2-25 (Embedded beam row)	15418	2	12,300	-7,244	2,409	0,341	2,433
(palo 1500)	15419	3	12,300	-7,476	2,352	0,341	2,377
	15420	4	12,300	-7,708	2,295	0,341	2,320
	15421	5	12,300	-7,940	2,236	0,341	2,262
EmbeddedBeamRow_2_1	15421	1	12,300	-7,940	2,236	0,341	2,262
Element 2-26 (Embedded beam row)	15422	2	12,300	-8,193	2,172	0,341	2,198

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
(palo 1500)	15423	3	12,300	-8,446	2,106	0,342	2,134
	15424	4	12,300	-8,699	2,040	0,342	2,068
	15425	5	12,300	-8,952	1,973	0,342	2,002
EmbeddedBeamRow_2_1	15425	1	12,300	-8,952	1,973	0,342	2,002
Element 2-27 (Embedded beam row)	15426	2	12,300	-9,205	1,905	0,342	1,935
(palo 1500)	15427	3	12,300	-9,458	1,836	0,342	1,868
	15428	4	12,300	-9,711	1,768	0,342	1,800
	15429	5	12,300	-9,964	1,698	0,342	1,732
EmbeddedBeamRow_2_1	15429	1	12,300	-9,964	1,698	0,342	1,732
Element 2-28 (Embedded beam row)	15430	2	12,300	-10,217	1,629	0,342	1,664
(palo 1500)	15431	3	12,300	-10,470	1,559	0,343	1,596
	15432	4	12,300	-10,723	1,489	0,343	1,528
	15433	5	12,300	-10,976	1,419	0,343	1,460
EmbeddedBeamRow_2_1	15433	1	12,300	-10,976	1,419	0,343	1,460
Element 2-29 (Embedded beam row)	15434	2	12,300	-11,229	1,349	0,343	1,392
(palo 1500)	15435	3	12,300	-11,482	1,279	0,343	1,324
	15436	4	12,300	-11,735	1,209	0,343	1,257
	15437	5	12,300	-11,988	1,140	0,343	1,191
EmbeddedBeamRow_2_1	15437	1	12,300	-11,988	1,140	0,343	1,191
Element 2-30 (Embedded beam row)	15438	2	12,300	-12,241	1,071	0,343	1,125
(palo 1500)	15439	3	12,300	-12,494	1,003	0,344	1,060
	15440	4	12,300	-12,747	0,936	0,344	0,997
	15441	5	12,300	-13,000	0,869	0,344	0,934
EmbeddedBeamRow_2_1	15441	1	12,300	-13,000	0,869	0,344	0,934
Element 2-31 (Embedded beam row)	15442	2	12,300	-13,241	0,806	0,344	0,876
(palo 1500)	15443	3	12,300	-13,482	0,744	0,344	0,820

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	15444	4	12,300	-13,723	0,683	0,344	0,765
	15445	5	12,300	-13,964	0,623	0,344	0,711
EmbeddedBeamRow_2_1	15445	1	12,300	-13,964	0,623	0,344	0,711
Element 2-32 (Embedded beam row)	15446	2	12,300	-14,209	0,562	0,345	0,660
(palo 1500)	15447	3	12,300	-14,453	0,503	0,345	0,610
	15448	4	12,300	-14,698	0,446	0,345	0,563
	15449	5	12,300	-14,943	0,389	0,345	0,520
EmbeddedBeamRow_2_1	15449	1	12,300	-14,943	0,389	0,345	0,520
Element 2-33 (Embedded beam row)	15450	2	12,300	-15,192	0,333	0,345	0,479
(palo 1500)	15451	3	12,300	-15,441	0,278	0,345	0,443
	15452	4	12,300	-15,690	0,224	0,345	0,412
	15453	5	12,300	-15,938	0,172	0,345	0,386
EmbeddedBeamRow_2_1	15453	1	12,300	-15,938	0,172	0,345	0,386
Element 2-34 (Embedded beam row)	15454	2	12,300	-16,191	0,120	0,346	0,366
(palo 1500)	15455	3	12,300	-16,444	0,070	0,346	0,353
	15456	4	12,300	-16,697	0,021	0,346	0,346
	15457	5	12,300	-16,950	-0,026	0,346	0,347
EmbeddedBeamRow_2_1	15457	1	12,300	-16,950	-0,026	0,346	0,347
Element 2-35 (Embedded beam row)	15458	2	12,300	-17,206	-0,072	0,346	0,354
(palo 1500)	15459	3	12,300	-17,463	-0,117	0,346	0,365
	15460	4	12,300	-17,720	-0,160	0,346	0,382
	15461	5	12,300	-17,977	-0,202	0,346	0,401
EmbeddedBeamRow_2_1	15461	1	12,300	-17,977	-0,202	0,346	0,401
Element 2-36 (Embedded beam row)	15462	2	12,300	-18,238	-0,243	0,346	0,423
(palo 1500)	15463	3	12,300	-18,499	-0,282	0,347	0,447
	15464	4	12,300	-18,760	-0,319	0,347	0,471

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	15465	5	12,300	-19,021	-0,355	0,347	0,496
EmbeddedBeamRow_2_1	15465	1	12,300	-19,021	-0,355	0,347	0,496
Element 2-37 (Embedded beam row)	15466	2	12,300	-19,286	-0,389	0,347	0,521
(palo 1500)	15467	3	12,300	-19,551	-0,422	0,347	0,547
	15468	4	12,300	-19,817	-0,454	0,347	0,571
	15469	5	12,300	-20,082	-0,484	0,347	0,595
EmbeddedBeamRow_2_1	15469	1	12,300	-20,082	-0,484	0,347	0,595
Element 2-38 (Embedded beam row)	15470	2	12,300	-20,351	-0,512	0,347	0,619
(palo 1500)	15471	3	12,300	-20,621	-0,539	0,347	0,641
	15472	4	12,300	-20,890	-0,565	0,347	0,663
	15473	5	12,300	-21,160	-0,589	0,347	0,684
EmbeddedBeamRow_2_1	15473	1	12,300	-21,160	-0,589	0,347	0,684
Element 2-39 (Embedded beam row)	15474	2	12,300	-21,433	-0,612	0,347	0,703
(palo 1500)	15475	3	12,300	-21,707	-0,633	0,347	0,722
	15476	4	12,300	-21,981	-0,653	0,347	0,740
	15477	5	12,300	-22,255	-0,671	0,347	0,756
EmbeddedBeamRow_2_1	15477	1	12,300	-22,255	-0,671	0,347	0,756
Element 2-40 (Embedded beam row)	15478	2	12,300	-22,533	-0,689	0,347	0,771
(palo 1500)	15479	3	12,300	-22,811	-0,704	0,347	0,785
	15480	4	12,300	-23,089	-0,719	0,347	0,799
	15481	5	12,300	-23,367	-0,732	0,347	0,811
EmbeddedBeamRow_2_1	15481	1	12,300	-23,367	-0,732	0,347	0,811
Element 2-41 (Embedded beam row)	15482	2	12,300	-23,650	-0,745	0,347	0,822
(palo 1500)	15483	3	12,300	-23,933	-0,756	0,347	0,832
	15484	4	12,300	-24,215	-0,765	0,347	0,840
	15485	5	12,300	-24,498	-0,774	0,347	0,848

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
EmbeddedBeamRow_2_1	15485	1	12,300	-24,498	-0,774	0,347	0,848
Element 2-42 (Embedded beam row)	15486	2	12,300	-24,785	-0,782	0,347	0,855
(palo 1500)	15487	3	12,300	-25,072	-0,789	0,347	0,862
	15488	4	12,300	-25,360	-0,794	0,347	0,867
	15489	5	12,300	-25,647	-0,799	0,347	0,871
EmbeddedBeamRow_2_1	15489	1	12,300	-25,647	-0,799	0,347	0,871
Element 2-43 (Embedded beam row)	15490	2	12,300	-25,939	-0,803	0,347	0,875
(palo 1500)	15491	3	12,300	-26,230	-0,807	0,347	0,878
	15492	4	12,300	-26,522	-0,809	0,347	0,880
	15493	5	12,300	-26,814	-0,811	0,347	0,882
EmbeddedBeamRow_2_1	15493	1	12,300	-26,814	-0,811	0,347	0,882
Element 2-44 (Embedded beam row)	15494	2	12,300	-27,110	-0,812	0,347	0,883
(palo 1500)	15495	3	12,300	-27,407	-0,813	0,347	0,884
	15496	4	12,300	-27,703	-0,813	0,346	0,884
	15497	5	12,300	-28,000	-0,813	0,346	0,884
EmbeddedBeamRow_2_1	15497	1	12,300	-28,000	-0,813	0,346	0,884
Element 2-45 (Embedded beam row)	15498	2	12,300	-28,673	-0,812	0,346	0,883
(palo 1500)	15499	3	12,300	-29,345	-0,809	0,346	0,880
	15500	4	12,300	-30,018	-0,807	0,346	0,878
	15501	5	12,300	-30,690	-0,804	0,345	0,875

3.3.1.2.1.9 Calculation results, Embedded beam row, plinto + pali [Phase_8] (8/172), Table of relative total displacements

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
EmbeddedBeamRow_1_1	15320	1	4,500	-5,870	0,000	0,000	0,000
Element 1-1 (Embedded beam row)	15321	2	4,500	-6,009	-57,192	0,000	0,000
(palo 1500)	15322	3	4,500	-6,147	-64,471	0,000	0,000
	15323	4	4,500	-6,286	-61,741	0,000	0,000
	15324	5	4,500	-6,424	-56,247	0,000	0,000
EmbeddedBeamRow_1_1	15324	1	4,500	-6,424	-56,247	0,000	0,000
Element 1-2 (Embedded beam row)	15325	2	4,500	-6,614	-74,467	0,000	0,000
(palo 1500)	15326	3	4,500	-6,803	-84,642	0,000	0,000
	15327	4	4,500	-6,992	-91,794	0,000	0,000
	15328	5	4,500	-7,181	-97,185	0,000	0,000
EmbeddedBeamRow_1_1	15328	1	4,500	-7,181	-97,185	0,000	0,000
Element 1-3 (Embedded beam row)	15329	2	4,500	-7,379	-101,255	0,000	0,000
(palo 1500)	15330	3	4,500	-7,576	-104,156	0,000	0,000
	15331	4	4,500	-7,773	-106,230	0,000	0,000
	15332	5	4,500	-7,971	-107,686	0,000	0,000
EmbeddedBeamRow_1_1	15332	1	4,500	-7,971	-107,686	0,000	0,000
Element 1-4 (Embedded beam row)	15333	2	4,500	-8,177	-108,620	0,000	0,000
(palo 1500)	15334	3	4,500	-8,383	-109,401	0,000	0,000
	15335	4	4,500	-8,589	-109,304	0,000	0,000
	15336	5	4,500	-8,794	-109,043	0,000	0,000
EmbeddedBeamRow_1_1	15336	1	4,500	-8,794	-109,043	0,000	0,000
Element 1-5 (Embedded beam row)	15337	2	4,500	-9,009	-108,698	0,000	0,000
(palo 1500)	15338	3	4,500	-9,224	-108,044	0,000	0,000

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
	15339	4	4,500	-9,439	-107,455	0,000	0,000
	15340	5	4,500	-9,654	-106,627	0,000	0,000
EmbeddedBeamRow_1_1	15340	1	4,500	-9,654	-106,627	0,000	0,000
Element 1-6 (Embedded beam row)	15341	2	4,500	-9,878	-105,612	0,000	0,000
(palo 1500)	15342	3	4,500	-10,102	-104,573	0,000	0,000
	15343	4	4,500	-10,326	-103,393	0,000	0,000
	15344	5	4,500	-10,550	-102,342	0,000	0,000
EmbeddedBeamRow_1_1	15344	1	4,500	-10,550	-102,342	0,000	0,000
Element 1-7 (Embedded beam row)	15345	2	4,500	-10,783	-101,296	0,000	0,000
(palo 1500)	15346	3	4,500	-11,017	-100,364	0,000	0,001
	15347	4	4,500	-11,251	-99,187	-0,001	0,001
	15348	5	4,500	-11,484	-94,715	-0,001	0,001
EmbeddedBeamRow_1_1	15348	1	4,500	-11,484	-94,715	-0,001	0,001
Element 1-8 (Embedded beam row)	15349	2	4,500	-11,732	-89,314	-0,001	0,001
(palo 1500)	15350	3	4,500	-11,980	-82,001	-0,001	0,001
	15351	4	4,500	-12,227	-75,426	-0,001	0,001
	15352	5	4,500	-12,475	-69,264	-0,001	0,001
EmbeddedBeamRow_1_1	15352	1	4,500	-12,475	-69,264	-0,001	0,001
Element 1-9 (Embedded beam row)	15353	2	4,500	-12,726	-63,433	-0,001	0,001
(palo 1500)	15354	3	4,500	-12,978	-57,952	-0,001	0,001
	15355	4	4,500	-13,229	-52,827	-0,001	0,001
	15356	5	4,500	-13,480	-47,999	-0,001	0,001
EmbeddedBeamRow_1_1	15356	1	4,500	-13,480	-47,999	-0,001	0,001
Element 1-10 (Embedded beam row)	15357	2	4,500	-13,735	-43,412	-0,001	0,001
(palo 1500)	15358	3	4,500	-13,990	-39,122	-0,001	0,001
	15359	4	4,500	-14,246	-35,132	-0,001	0,001

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
	15360	5	4,500	-14,501	-31,433	-0,001	0,001
EmbeddedBeamRow_1_1	15360	1	4,500	-14,501	-31,433	-0,001	0,001
Element 1-11 (Embedded beam row)	15361	2	4,500	-14,760	-27,978	-0,001	0,001
(palo 1500)	15362	3	4,500	-15,018	-24,820	-0,001	0,001
	15363	4	4,500	-15,277	-21,969	-0,001	0,001
	15364	5	4,500	-15,536	-19,414	-0,001	0,001
EmbeddedBeamRow_1_1	15364	1	4,500	-15,536	-19,414	-0,001	0,001
Element 1-12 (Embedded beam row)	15365	2	4,500	-15,799	-17,137	-0,001	0,001
(palo 1500)	15366	3	4,500	-16,062	-15,184	-0,001	0,001
	15367	4	4,500	-16,325	-13,600	-0,001	0,001
	15368	5	4,500	-16,587	-12,383	-0,001	0,001
EmbeddedBeamRow_1_1	15368	1	4,500	-16,587	-12,383	-0,001	0,001
Element 1-13 (Embedded beam row)	15369	2	4,500	-16,854	-11,483	-0,001	0,001
(palo 1500)	15370	3	4,500	-17,121	-10,868	-0,001	0,001
	15371	4	4,500	-17,387	-10,531	-0,001	0,001
	15372	5	4,500	-17,654	-10,415	-0,001	0,001
EmbeddedBeamRow_1_1	15372	1	4,500	-17,654	-10,415	-0,001	0,001
Element 1-14 (Embedded beam row)	15373	2	4,500	-17,925	-10,490	-0,001	0,001
(palo 1500)	15374	3	4,500	-18,195	-10,727	-0,001	0,001
	15375	4	4,500	-18,466	-11,070	-0,001	0,001
	15376	5	4,500	-18,737	-11,472	-0,001	0,001
EmbeddedBeamRow_1_1	15376	1	4,500	-18,737	-11,472	-0,001	0,001
Element 1-15 (Embedded beam row)	15377	2	4,500	-19,011	-11,882	-0,001	0,001
(palo 1500)	15378	3	4,500	-19,286	-12,271	-0,001	0,001
	15379	4	4,500	-19,561	-12,570	-0,001	0,001
	15380	5	4,500	-19,836	-12,735	-0,001	0,001

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
EmbeddedBeamRow_1_1	15380	1	4,500	-19,836	-12,735	-0,001	0,001
Element 1-16 (Embedded beam row)	15381	2	4,500	-20,114	-12,762	-0,001	0,001
(palo 1500)	15382	3	4,500	-20,393	-12,647	-0,001	0,001
	15383	4	4,500	-20,672	-12,444	-0,001	0,001
	15384	5	4,500	-20,951	-12,176	-0,001	0,001
EmbeddedBeamRow_1_1	15384	1	4,500	-20,951	-12,176	-0,001	0,001
Element 1-17 (Embedded beam row)	15385	2	4,500	-21,234	-11,880	-0,001	0,001
(palo 1500)	15386	3	4,500	-21,517	-11,585	-0,001	0,001
	15387	4	4,500	-21,800	-11,291	-0,001	0,001
	15388	5	4,500	-22,083	-11,033	-0,001	0,001
EmbeddedBeamRow_1_1	15388	1	4,500	-22,083	-11,033	-0,001	0,001
Element 1-18 (Embedded beam row)	15389	2	4,500	-22,370	-10,812	-0,001	0,001
(palo 1500)	15390	3	4,500	-22,657	-10,646	-0,001	0,001
	15391	4	4,500	-22,944	-10,545	-0,001	0,001
	15392	5	4,500	-23,231	-10,510	-0,001	0,001
EmbeddedBeamRow_1_1	15392	1	4,500	-23,231	-10,510	-0,001	0,001
Element 1-19 (Embedded beam row)	15393	2	4,500	-23,523	-10,541	-0,001	0,001
(palo 1500)	15394	3	4,500	-23,814	-10,624	-0,001	0,001
	15395	4	4,500	-24,106	-10,740	-0,001	0,001
	15396	5	4,500	-24,397	-10,864	-0,001	0,001
EmbeddedBeamRow_1_1	15396	1	4,500	-24,397	-10,864	-0,001	0,001
Element 1-20 (Embedded beam row)	15397	2	4,500	-24,693	-10,968	-0,001	0,001
(palo 1500)	15398	3	4,500	-24,989	-11,014	-0,001	0,001
	15399	4	4,500	-25,285	-10,963	-0,001	0,001
	15400	5	4,500	-25,580	-10,781	-0,001	0,001
EmbeddedBeamRow_1_1	15400	1	4,500	-25,580	-10,781	-0,001	0,001

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
Element 1-21 (Embedded beam row)	15401	2	4,500	-25,881	-10,422	-0,001	0,001
(palo 1500)	15402	3	4,500	-26,181	-9,857	-0,001	0,001
	15403	4	4,500	-26,481	-9,046	-0,001	0,001
	15404	5	4,500	-26,781	-7,963	-0,001	0,001
EmbeddedBeamRow_1_1	15404	1	4,500	-26,781	-7,963	-0,001	0,001
Element 1-22 (Embedded beam row)	15405	2	4,500	-27,086	-6,615	-0,001	0,001
(palo 1500)	15406	3	4,500	-27,391	-4,923	-0,001	0,001
	15407	4	4,500	-27,695	-2,867	-0,001	0,001
	15408	5	4,500	-28,000	-0,518	-0,001	0,001
EmbeddedBeamRow_1_1	15408	1	4,500	-28,000	-0,518	-0,001	0,001
Element 1-23 (Embedded beam row)	15409	2	4,500	-28,673	8,399	-0,001	0,001
(palo 1500)	15410	3	4,500	-29,345	13,496	-0,001	0,001
	15411	4	4,500	-30,018	19,325	-0,001	0,001
	15412	5	4,500	-30,690	143,373	-0,001	0,001
EmbeddedBeamRow_2_1	15413	1	12,300	-5,870	0,000	0,000	0,000
Element 2-24 (Embedded beam row)	15414	2	12,300	-6,155	89,793	0,000	0,000
(palo 1500)	15415	3	12,300	-6,441	87,852	0,000	0,000
	15416	4	12,300	-6,726	67,012	0,000	0,000
	15417	5	12,300	-7,012	45,361	0,000	0,000
EmbeddedBeamRow_2_1	15417	1	12,300	-7,012	45,361	0,000	0,000
Element 2-25 (Embedded beam row)	15418	2	12,300	-7,244	23,633	0,000	0,000
(palo 1500)	15419	3	12,300	-7,476	-0,192	0,000	0,000
	15420	4	12,300	-7,708	-26,429	0,000	0,000
	15421	5	12,300	-7,940	-54,853	0,000	0,000
EmbeddedBeamRow_2_1	15421	1	12,300	-7,940	-54,853	0,000	0,000
Element 2-26 (Embedded beam row)	15422	2	12,300	-8,193	-71,334	0,000	0,000

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
(palo 1500)	15423	3	12,300	-8,446	-89,161	0,000	0,000
	15424	4	12,300	-8,699	-105,287	0,000	0,000
	15425	5	12,300	-8,952	-115,410	0,000	0,000
EmbeddedBeamRow_2_1	15425	1	12,300	-8,952	-115,410	0,000	0,000
Element 2-27 (Embedded beam row)	15426	2	12,300	-9,205	-118,862	0,000	0,000
(palo 1500)	15427	3	12,300	-9,458	-117,506	0,000	0,000
	15428	4	12,300	-9,711	-112,393	0,000	0,000
	15429	5	12,300	-9,964	-104,690	0,000	0,000
EmbeddedBeamRow_2_1	15429	1	12,300	-9,964	-104,690	0,000	0,000
Element 2-28 (Embedded beam row)	15430	2	12,300	-10,217	-94,844	0,000	0,000
(palo 1500)	15431	3	12,300	-10,470	-83,546	0,000	0,000
	15432	4	12,300	-10,723	-70,908	0,000	0,000
	15433	5	12,300	-10,976	-57,175	0,000	0,000
EmbeddedBeamRow_2_1	15433	1	12,300	-10,976	-57,175	0,000	0,000
Element 2-29 (Embedded beam row)	15434	2	12,300	-11,229	-42,511	0,000	0,000
(palo 1500)	15435	3	12,300	-11,482	-27,271	0,000	0,000
	15436	4	12,300	-11,735	-11,012	0,000	0,000
	15437	5	12,300	-11,988	6,747	-0,001	0,001
EmbeddedBeamRow_2_1	15437	1	12,300	-11,988	6,747	-0,001	0,001
Element 2-30 (Embedded beam row)	15438	2	12,300	-12,241	25,297	-0,001	0,001
(palo 1500)	15439	3	12,300	-12,494	45,265	-0,001	0,001
	15440	4	12,300	-12,747	66,974	-0,001	0,001
	15441	5	12,300	-13,000	95,616	-0,001	0,001
EmbeddedBeamRow_2_1	15441	1	12,300	-13,000	95,616	-0,001	0,001
Element 2-31 (Embedded beam row)	15442	2	12,300	-13,241	89,801	-0,001	0,001
(palo 1500)	15443	3	12,300	-13,482	85,348	-0,001	0,001

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
	15444	4	12,300	-13,723	80,629	-0,001	0,001
	15445	5	12,300	-13,964	75,882	-0,001	0,001
EmbeddedBeamRow_2_1	15445	1	12,300	-13,964	75,882	-0,001	0,001
Element 2-32 (Embedded beam row)	15446	2	12,300	-14,209	71,085	-0,001	0,001
(palo 1500)	15447	3	12,300	-14,453	66,564	-0,001	0,001
	15448	4	12,300	-14,698	62,288	-0,001	0,001
	15449	5	12,300	-14,943	58,279	-0,001	0,001
EmbeddedBeamRow_2_1	15449	1	12,300	-14,943	58,279	-0,001	0,001
Element 2-33 (Embedded beam row)	15450	2	12,300	-15,192	54,501	-0,001	0,001
(palo 1500)	15451	3	12,300	-15,441	51,001	-0,001	0,001
	15452	4	12,300	-15,690	47,759	-0,001	0,001
	15453	5	12,300	-15,938	44,762	-0,001	0,001
EmbeddedBeamRow_2_1	15453	1	12,300	-15,938	44,762	-0,001	0,001
Element 2-34 (Embedded beam row)	15454	2	12,300	-16,191	41,937	-0,001	0,001
(palo 1500)	15455	3	12,300	-16,444	39,324	-0,001	0,001
	15456	4	12,300	-16,697	36,899	-0,001	0,001
	15457	5	12,300	-16,950	34,635	-0,001	0,001
EmbeddedBeamRow_2_1	15457	1	12,300	-16,950	34,635	-0,001	0,001
Element 2-35 (Embedded beam row)	15458	2	12,300	-17,206	32,476	-0,001	0,001
(palo 1500)	15459	3	12,300	-17,463	30,434	-0,001	0,001
	15460	4	12,300	-17,720	28,486	-0,001	0,001
	15461	5	12,300	-17,977	26,613	-0,001	0,001
EmbeddedBeamRow_2_1	15461	1	12,300	-17,977	26,613	-0,001	0,001
Element 2-36 (Embedded beam row)	15462	2	12,300	-18,238	24,767	-0,001	0,001
(palo 1500)	15463	3	12,300	-18,499	22,962	-0,001	0,001
	15464	4	12,300	-18,760	21,184	-0,001	0,001

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
	15465	5	12,300	-19,021	19,420	-0,001	0,001
EmbeddedBeamRow_2_1	15465	1	12,300	-19,021	19,420	-0,001	0,001
Element 2-37 (Embedded beam row)	15466	2	12,300	-19,286	17,633	-0,001	0,001
(palo 1500)	15467	3	12,300	-19,551	15,844	-0,001	0,001
	15468	4	12,300	-19,817	14,045	-0,001	0,001
	15469	5	12,300	-20,082	12,234	-0,001	0,001
EmbeddedBeamRow_2_1	15469	1	12,300	-20,082	12,234	-0,001	0,001
Element 2-38 (Embedded beam row)	15470	2	12,300	-20,351	10,377	-0,001	0,001
(palo 1500)	15471	3	12,300	-20,621	8,505	-0,001	0,001
	15472	4	12,300	-20,890	6,619	-0,001	0,001
	15473	5	12,300	-21,160	4,725	-0,001	0,001
EmbeddedBeamRow_2_1	15473	1	12,300	-21,160	4,725	-0,001	0,001
Element 2-39 (Embedded beam row)	15474	2	12,300	-21,433	2,798	-0,001	0,001
(palo 1500)	15475	3	12,300	-21,707	0,880	-0,001	0,001
	15476	4	12,300	-21,981	-1,020	-0,001	0,001
	15477	5	12,300	-22,255	-2,891	-0,001	0,001
EmbeddedBeamRow_2_1	15477	1	12,300	-22,255	-2,891	-0,001	0,001
Element 2-40 (Embedded beam row)	15478	2	12,300	-22,533	-4,758	-0,001	0,001
(palo 1500)	15479	3	12,300	-22,811	-6,581	-0,001	0,001
	15480	4	12,300	-23,089	-8,345	-0,001	0,001
	15481	5	12,300	-23,367	-10,035	-0,001	0,001
EmbeddedBeamRow_2_1	15481	1	12,300	-23,367	-10,035	-0,001	0,001
Element 2-41 (Embedded beam row)	15482	2	12,300	-23,650	-11,657	-0,001	0,001
(palo 1500)	15483	3	12,300	-23,933	-13,163	-0,001	0,001
	15484	4	12,300	-24,215	-14,531	-0,001	0,001
	15485	5	12,300	-24,498	-15,748	-0,001	0,001

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
EmbeddedBeamRow_2_1	15485	1	12,300	-24,498	-15,748	-0,001	0,001
Element 2-42 (Embedded beam row)	15486	2	12,300	-24,785	-16,809	-0,001	0,001
(palo 1500)	15487	3	12,300	-25,072	-17,669	-0,001	0,001
	15488	4	12,300	-25,360	-18,306	-0,001	0,001
	15489	5	12,300	-25,647	-18,712	-0,001	0,001
EmbeddedBeamRow_2_1	15489	1	12,300	-25,647	-18,712	-0,001	0,001
Element 2-43 (Embedded beam row)	15490	2	12,300	-25,939	-18,881	-0,001	0,001
(palo 1500)	15491	3	12,300	-26,230	-18,804	-0,001	0,001
	15492	4	12,300	-26,522	-18,462	-0,001	0,001
	15493	5	12,300	-26,814	-17,849	-0,001	0,001
EmbeddedBeamRow_2_1	15493	1	12,300	-26,814	-17,849	-0,001	0,001
Element 2-44 (Embedded beam row)	15494	2	12,300	-27,110	-16,956	-0,001	0,001
(palo 1500)	15495	3	12,300	-27,407	-15,836	-0,001	0,001
	15496	4	12,300	-27,703	-14,436	-0,001	0,001
	15497	5	12,300	-28,000	-12,163	-0,001	0,001
EmbeddedBeamRow_2_1	15497	1	12,300	-28,000	-12,163	-0,001	0,001
Element 2-45 (Embedded beam row)	15498	2	12,300	-28,673	-4,436	-0,001	0,001
(palo 1500)	15499	3	12,300	-29,345	-3,449	-0,001	0,001
	15500	4	12,300	-30,018	6,058	-0,001	0,001
	15501	5	12,300	-30,690	139,579	-0,001	0,001

3.3.1.2.1.10 Calculation results, Embedded beam row, Versante - fase B [Phase_10] (10/177), Table of relative total displacements

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
EmbeddedBeamRow_1_1	15320	1	4,500	-5,870	0,000	0,000	0,000
Element 1-1 (Embedded beam row)	15321	2	4,500	-6,009	-217,713	20,094	0,000
(palo 1500)	15322	3	4,500	-6,147	-234,107	15,059	0,000
	15323	4	4,500	-6,286	-225,166	-3,140	0,000
	15324	5	4,500	-6,424	-241,315	-29,274	0,000
EmbeddedBeamRow_1_1	15324	1	4,500	-6,424	-241,315	-29,274	0,000
Element 1-2 (Embedded beam row)	15325	2	4,500	-6,614	-287,616	-70,633	0,000
(palo 1500)	15326	3	4,500	-6,803	-329,794	-101,187	0,000
	15327	4	4,500	-6,992	-365,374	-123,425	0,000
	15328	5	4,500	-7,181	-392,670	-139,665	0,000
EmbeddedBeamRow_1_1	15328	1	4,500	-7,181	-392,670	-139,665	0,000
Element 1-3 (Embedded beam row)	15329	2	4,500	-7,379	-411,425	-152,137	0,000
(palo 1500)	15330	3	4,500	-7,576	-421,056	-161,801	0,000
	15331	4	4,500	-7,773	-422,442	-169,811	0,000
	15332	5	4,500	-7,971	-416,816	-176,987	0,000
EmbeddedBeamRow_1_1	15332	1	4,500	-7,971	-416,816	-176,987	0,000
Element 1-4 (Embedded beam row)	15333	2	4,500	-8,177	-404,529	-184,121	0,000
(palo 1500)	15334	3	4,500	-8,383	-386,886	-191,286	0,000
	15335	4	4,500	-8,589	-364,764	-198,771	0,000
	15336	5	4,500	-8,794	-339,064	-206,787	0,000
EmbeddedBeamRow_1_1	15336	1	4,500	-8,794	-339,064	-206,787	0,000
Element 1-5 (Embedded beam row)	15337	2	4,500	-9,009	-309,192	-215,851	0,000
(palo 1500)	15338	3	4,500	-9,224	-276,989	-225,737	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
	15339	4	4,500	-9,439	-243,066	-236,521	0,000
	15340	5	4,500	-9,654	-208,042	-248,222	0,000
EmbeddedBeamRow_1_1	15340	1	4,500	-9,654	-208,042	-248,222	0,000
Element 1-6 (Embedded beam row)	15341	2	4,500	-9,878	-170,842	-261,396	0,000
(palo 1500)	15342	3	4,500	-10,102	-133,433	-275,498	0,000
	15343	4	4,500	-10,326	-96,149	-290,445	0,000
	15344	5	4,500	-10,550	-59,197	-306,110	0,000
EmbeddedBeamRow_1_1	15344	1	4,500	-10,550	-59,197	-306,110	0,000
Element 1-7 (Embedded beam row)	15345	2	4,500	-10,783	-21,211	-322,803	0,000
(palo 1500)	15346	3	4,500	-11,017	16,981	-339,529	0,000
	15347	4	4,500	-11,251	58,437	-356,649	0,000
	15348	5	4,500	-11,484	106,957	-374,770	0,000
EmbeddedBeamRow_1_1	15348	1	4,500	-11,484	106,957	-374,770	0,000
Element 1-8 (Embedded beam row)	15349	2	4,500	-11,732	139,919	-387,417	0,000
(palo 1500)	15350	3	4,500	-11,980	166,000	-400,002	0,000
	15351	4	4,500	-12,227	187,402	-412,172	0,000
	15352	5	4,500	-12,475	205,032	-423,751	0,000
EmbeddedBeamRow_1_1	15352	1	4,500	-12,475	205,032	-423,751	0,000
Element 1-9 (Embedded beam row)	15353	2	4,500	-12,726	219,286	-434,914	0,000
(palo 1500)	15354	3	4,500	-12,978	230,207	-445,346	0,001
	15355	4	4,500	-13,229	238,035	-454,953	0,001
	15356	5	4,500	-13,480	243,085	-463,666	0,001
EmbeddedBeamRow_1_1	15356	1	4,500	-13,480	243,085	-463,666	0,001
Element 1-10 (Embedded beam row)	15357	2	4,500	-13,735	245,599	-471,521	0,001
(palo 1500)	15358	3	4,500	-13,990	245,787	-478,343	0,001
	15359	4	4,500	-14,246	243,876	-484,074	0,001

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
	15360	5	4,500	-14,501	240,155	-488,704	0,001
EmbeddedBeamRow_1_1	15360	1	4,500	-14,501	240,155	-488,704	0,001
Element 1-11 (Embedded beam row)	15361	2	4,500	-14,760	234,756	-492,244	0,001
(palo 1500)	15362	3	4,500	-15,018	227,993	-494,617	0,001
	15363	4	4,500	-15,277	220,082	-495,807	0,001
	15364	5	4,500	-15,536	211,265	-495,823	0,001
EmbeddedBeamRow_1_1	15364	1	4,500	-15,536	211,265	-495,823	0,001
Element 1-12 (Embedded beam row)	15365	2	4,500	-15,799	201,589	-494,638	0,001
(palo 1500)	15366	3	4,500	-16,062	191,379	-492,226	0,001
	15367	4	4,500	-16,325	180,816	-488,562	0,001
	15368	5	4,500	-16,587	170,137	-483,680	0,001
EmbeddedBeamRow_1_1	15368	1	4,500	-16,587	170,137	-483,680	0,001
Element 1-13 (Embedded beam row)	15369	2	4,500	-16,854	159,381	-477,549	0,001
(palo 1500)	15370	3	4,500	-17,121	148,856	-470,272	0,000
	15371	4	4,500	-17,387	138,723	-461,891	0,000
	15372	5	4,500	-17,654	129,107	-452,469	0,000
EmbeddedBeamRow_1_1	15372	1	4,500	-17,654	129,107	-452,469	0,000
Element 1-14 (Embedded beam row)	15373	2	4,500	-17,925	120,006	-441,859	0,000
(palo 1500)	15374	3	4,500	-18,195	111,624	-430,281	0,000
	15375	4	4,500	-18,466	104,064	-417,768	0,000
	15376	5	4,500	-18,737	97,363	-404,378	0,000
EmbeddedBeamRow_1_1	15376	1	4,500	-18,737	97,363	-404,378	0,000
Element 1-15 (Embedded beam row)	15377	2	4,500	-19,011	91,468	-389,949	0,000
(palo 1500)	15378	3	4,500	-19,286	86,489	-374,736	0,000
	15379	4	4,500	-19,561	82,405	-358,790	0,000
	15380	5	4,500	-19,836	79,160	-342,196	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
EmbeddedBeamRow_1_1	15380	1	4,500	-19,836	79,160	-342,196	0,000
Element 1-16 (Embedded beam row)	15381	2	4,500	-20,114	76,673	-324,762	0,000
(palo 1500)	15382	3	4,500	-20,393	74,905	-306,801	0,000
	15383	4	4,500	-20,672	73,775	-288,365	0,000
	15384	5	4,500	-20,951	73,170	-269,508	0,000
EmbeddedBeamRow_1_1	15384	1	4,500	-20,951	73,170	-269,508	0,000
Element 1-17 (Embedded beam row)	15385	2	4,500	-21,234	72,967	-249,964	0,000
(palo 1500)	15386	3	4,500	-21,517	73,011	-230,018	0,000
	15387	4	4,500	-21,800	73,143	-209,648	0,000
	15388	5	4,500	-22,083	73,210	-188,836	0,000
EmbeddedBeamRow_1_1	15388	1	4,500	-22,083	73,210	-188,836	0,000
Element 1-18 (Embedded beam row)	15389	2	4,500	-22,370	73,077	-167,217	0,000
(palo 1500)	15390	3	4,500	-22,657	72,644	-145,070	0,000
	15391	4	4,500	-22,944	71,818	-122,353	0,000
	15392	5	4,500	-23,231	70,544	-99,048	0,000
EmbeddedBeamRow_1_1	15392	1	4,500	-23,231	70,544	-99,048	0,000
Element 1-19 (Embedded beam row)	15393	2	4,500	-23,523	68,733	-74,763	0,000
(palo 1500)	15394	3	4,500	-23,814	66,366	-49,835	0,000
	15395	4	4,500	-24,106	63,397	-24,244	0,000
	15396	5	4,500	-24,397	59,805	2,003	0,000
EmbeddedBeamRow_1_1	15396	1	4,500	-24,397	59,805	2,003	0,000
Element 1-20 (Embedded beam row)	15397	2	4,500	-24,693	55,476	29,313	0,000
(palo 1500)	15398	3	4,500	-24,989	50,432	57,287	0,000
	15399	4	4,500	-25,285	44,615	85,921	0,000
	15400	5	4,500	-25,580	37,988	115,190	0,000
EmbeddedBeamRow_1_1	15400	1	4,500	-25,580	37,988	115,190	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
Element 1-21 (Embedded beam row)	15401	2	4,500	-25,881	30,360	145,531	0,000
(palo 1500)	15402	3	4,500	-26,181	21,768	176,484	0,000
	15403	4	4,500	-26,481	12,115	208,030	0,000
	15404	5	4,500	-26,781	1,332	240,129	0,000
EmbeddedBeamRow_1_1	15404	1	4,500	-26,781	1,332	240,129	0,000
Element 1-22 (Embedded beam row)	15405	2	4,500	-27,086	-10,891	273,228	0,000
(palo 1500)	15406	3	4,500	-27,391	-24,492	306,840	0,000
	15407	4	4,500	-27,695	-39,617	340,856	0,000
	15408	5	4,500	-28,000	-56,280	375,043	0,000
EmbeddedBeamRow_1_1	15408	1	4,500	-28,000	-56,280	375,043	0,000
Element 1-23 (Embedded beam row)	15409	2	4,500	-28,673	-100,096	448,927	0,000
(palo 1500)	15410	3	4,500	-29,345	-154,100	526,706	0,001
	15411	4	4,500	-30,018	-218,358	577,831	0,001
	15412	5	4,500	-30,690	-304,764	515,298	0,001
EmbeddedBeamRow_2_1	15413	1	12,300	-5,870	0,000	0,000	0,000
Element 2-24 (Embedded beam row)	15414	2	12,300	-6,155	55,623	-26,093	0,000
(palo 1500)	15415	3	12,300	-6,441	63,325	-36,866	0,000
	15416	4	12,300	-6,726	58,269	-42,154	0,000
	15417	5	12,300	-7,012	47,541	-44,039	0,000
EmbeddedBeamRow_2_1	15417	1	12,300	-7,012	47,541	-44,039	0,000
Element 2-25 (Embedded beam row)	15418	2	12,300	-7,244	31,642	-44,051	0,000
(palo 1500)	15419	3	12,300	-7,476	11,938	-43,846	0,000
	15420	4	12,300	-7,708	-10,297	-43,310	0,000
	15421	5	12,300	-7,940	-35,190	-42,934	0,000
EmbeddedBeamRow_2_1	15421	1	12,300	-7,940	-35,190	-42,934	0,000
Element 2-26 (Embedded beam row)	15422	2	12,300	-8,193	-70,276	-44,196	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
(palo 1500)	15423	3	12,300	-8,446	-105,287	-41,225	0,000
	15424	4	12,300	-8,699	-133,733	-34,874	0,000
	15425	5	12,300	-8,952	-153,062	-25,078	0,000
EmbeddedBeamRow_2_1	15425	1	12,300	-8,952	-153,062	-25,078	0,000
Element 2-27 (Embedded beam row)	15426	2	12,300	-9,205	-163,984	-15,854	0,000
(palo 1500)	15427	3	12,300	-9,458	-171,915	-7,053	0,000
	15428	4	12,300	-9,711	-177,314	0,945	0,000
	15429	5	12,300	-9,964	-181,115	7,860	0,000
EmbeddedBeamRow_2_1	15429	1	12,300	-9,964	-181,115	7,860	0,000
Element 2-28 (Embedded beam row)	15430	2	12,300	-10,217	-180,642	15,120	0,000
(palo 1500)	15431	3	12,300	-10,470	-170,347	23,251	0,000
	15432	4	12,300	-10,723	-146,148	31,965	0,000
	15433	5	12,300	-10,976	-109,356	40,222	0,000
EmbeddedBeamRow_2_1	15433	1	12,300	-10,976	-109,356	40,222	0,000
Element 2-29 (Embedded beam row)	15434	2	12,300	-11,229	-61,304	46,656	0,000
(palo 1500)	15435	3	12,300	-11,482	-6,021	50,602	0,000
	15436	4	12,300	-11,735	52,840	51,745	0,000
	15437	5	12,300	-11,988	109,876	49,767	0,000
EmbeddedBeamRow_2_1	15437	1	12,300	-11,988	109,876	49,767	0,000
Element 2-30 (Embedded beam row)	15438	2	12,300	-12,241	164,053	44,092	0,000
(palo 1500)	15439	3	12,300	-12,494	208,969	34,338	0,000
	15440	4	12,300	-12,747	242,368	19,897	0,000
	15441	5	12,300	-13,000	278,097	3,131	0,000
EmbeddedBeamRow_2_1	15441	1	12,300	-13,000	278,097	3,131	0,000
Element 2-31 (Embedded beam row)	15442	2	12,300	-13,241	265,942	-1,101	0,000
(palo 1500)	15443	3	12,300	-13,482	254,593	-3,891	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
	15444	4	12,300	-13,723	244,327	-6,238	0,000
	15445	5	12,300	-13,964	234,760	-8,776	0,000
EmbeddedBeamRow_2_1	15445	1	12,300	-13,964	234,760	-8,776	0,000
Element 2-32 (Embedded beam row)	15446	2	12,300	-14,209	225,407	-11,777	0,000
(palo 1500)	15447	3	12,300	-14,453	216,407	-15,052	0,000
	15448	4	12,300	-14,698	207,761	-18,554	0,000
	15449	5	12,300	-14,943	199,419	-22,208	0,000
EmbeddedBeamRow_2_1	15449	1	12,300	-14,943	199,419	-22,208	0,000
Element 2-33 (Embedded beam row)	15450	2	12,300	-15,192	191,365	-26,129	0,000
(palo 1500)	15451	3	12,300	-15,441	183,625	-30,212	0,000
	15452	4	12,300	-15,690	176,186	-34,418	0,000
	15453	5	12,300	-15,938	169,014	-38,704	0,000
EmbeddedBeamRow_2_1	15453	1	12,300	-15,938	169,014	-38,704	0,000
Element 2-34 (Embedded beam row)	15454	2	12,300	-16,191	161,951	-43,105	0,000
(palo 1500)	15455	3	12,300	-16,444	155,061	-47,507	0,000
	15456	4	12,300	-16,697	148,286	-51,853	0,000
	15457	5	12,300	-16,950	141,550	-56,070	0,000
EmbeddedBeamRow_2_1	15457	1	12,300	-16,950	141,550	-56,070	0,000
Element 2-35 (Embedded beam row)	15458	2	12,300	-17,206	134,639	-60,072	0,000
(palo 1500)	15459	3	12,300	-17,463	127,717	-63,768	0,000
	15460	4	12,300	-17,720	120,824	-67,179	0,000
	15461	5	12,300	-17,977	114,010	-70,357	0,000
EmbeddedBeamRow_2_1	15461	1	12,300	-17,977	114,010	-70,357	0,000
Element 2-36 (Embedded beam row)	15462	2	12,300	-18,238	107,198	-73,316	0,000
(palo 1500)	15463	3	12,300	-18,499	100,542	-76,057	0,000
	15464	4	12,300	-18,760	94,083	-78,583	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
	15465	5	12,300	-19,021	87,860	-80,908	0,000
EmbeddedBeamRow_2_1	15465	1	12,300	-19,021	87,860	-80,908	0,000
Element 2-37 (Embedded beam row)	15466	2	12,300	-19,286	81,817	-83,072	0,000
(palo 1500)	15467	3	12,300	-19,551	76,085	-85,042	0,000
	15468	4	12,300	-19,817	70,690	-86,818	0,000
	15469	5	12,300	-20,082	65,645	-88,398	0,000
EmbeddedBeamRow_2_1	15469	1	12,300	-20,082	65,645	-88,398	0,000
Element 2-38 (Embedded beam row)	15470	2	12,300	-20,351	60,886	-89,799	0,000
(palo 1500)	15471	3	12,300	-20,621	56,492	-90,992	0,000
	15472	4	12,300	-20,890	52,458	-91,969	0,000
	15473	5	12,300	-21,160	48,764	-92,727	0,000
EmbeddedBeamRow_2_1	15473	1	12,300	-21,160	48,764	-92,727	0,000
Element 2-39 (Embedded beam row)	15474	2	12,300	-21,433	45,342	-93,267	0,000
(palo 1500)	15475	3	12,300	-21,707	42,222	-93,572	0,000
	15476	4	12,300	-21,981	39,379	-93,634	0,000
	15477	5	12,300	-22,255	36,774	-93,452	0,000
EmbeddedBeamRow_2_1	15477	1	12,300	-22,255	36,774	-93,452	0,000
Element 2-40 (Embedded beam row)	15478	2	12,300	-22,533	34,337	-93,011	0,000
(palo 1500)	15479	3	12,300	-22,811	32,068	-92,309	0,000
	15480	4	12,300	-23,089	29,925	-91,338	0,000
	15481	5	12,300	-23,367	27,863	-90,097	0,000
EmbeddedBeamRow_2_1	15481	1	12,300	-23,367	27,863	-90,097	0,000
Element 2-41 (Embedded beam row)	15482	2	12,300	-23,650	25,801	-88,553	0,000
(palo 1500)	15483	3	12,300	-23,933	23,722	-86,720	0,000
	15484	4	12,300	-24,215	21,572	-84,589	0,000
	15485	5	12,300	-24,498	19,296	-82,160	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
EmbeddedBeamRow_2_1	15485	1	12,300	-24,498	19,296	-82,160	0,000
Element 2-42 (Embedded beam row)	15486	2	12,300	-24,785	16,796	-79,378	0,000
(palo 1500)	15487	3	12,300	-25,072	14,046	-76,277	0,000
	15488	4	12,300	-25,360	10,979	-72,848	0,000
	15489	5	12,300	-25,647	7,534	-69,087	0,000
EmbeddedBeamRow_2_1	15489	1	12,300	-25,647	7,534	-69,087	0,000
Element 2-43 (Embedded beam row)	15490	2	12,300	-25,939	3,566	-64,920	0,000
(palo 1500)	15491	3	12,300	-26,230	-0,937	-60,402	0,000
	15492	4	12,300	-26,522	-6,066	-55,521	0,000
	15493	5	12,300	-26,814	-11,891	-50,278	0,000
EmbeddedBeamRow_2_1	15493	1	12,300	-26,814	-11,891	-50,278	0,000
Element 2-44 (Embedded beam row)	15494	2	12,300	-27,110	-18,618	-44,574	0,000
(palo 1500)	15495	3	12,300	-27,407	-26,241	-38,488	0,000
	15496	4	12,300	-27,703	-34,869	-32,020	0,000
	15497	5	12,300	-28,000	-44,580	-25,188	0,000
EmbeddedBeamRow_2_1	15497	1	12,300	-28,000	-44,580	-25,188	0,000
Element 2-45 (Embedded beam row)	15498	2	12,300	-28,673	-71,558	-8,297	0,000
(palo 1500)	15499	3	12,300	-29,345	-105,962	11,204	0,000
	15500	4	12,300	-30,018	-150,100	30,687	0,000
	15501	5	12,300	-30,690	-207,639	41,999	0,000

3.3.2.1.9 Calculation results, Embedded beam row, plinto + pali [Phase_8] (8/172), Table of embedded pile row force envelopes

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T---+-- [kN/m/m]	T---+-+-	N-- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
EmbeddedBeamRow_1_1	15320	1	4,500	-5,870	-166,659	4,945	-25,200	0,000	0,000	46,667	0,000	-166,659	0,000	0,000	4,945	-25,200	0,000
Element 1-1 (Embedded beam row)	15321	2	4,500	-6,009	-167,187	4,910	-24,518	0,159	-0,267	46,667	0,003	-167,187	0,000	0,000	4,910	-24,518	0,000
(palo 1500)	15322	3	4,500	-6,147	-167,703	4,871	-23,840	0,267	-0,299	46,667	0,006	-167,703	0,000	0,000	4,871	-23,840	0,000
	15323	4	4,500	-6,286	-168,204	4,831	-23,167	0,352	-0,288	46,667	0,008	-168,204	0,000	0,000	4,831	-23,167	0,000
	15324	5	4,500	-6,424	-168,693	4,791	-22,501	0,423	-0,281	46,667	0,009	-168,693	0,000	0,000	4,791	-22,501	0,000
EmbeddedBeamRow_1_1	15324	1	4,500	-6,424	-168,695	4,792	-22,501	0,248	-0,164	46,667	0,005	-168,695	0,000	0,000	4,792	-22,501	0,000
Element 1-2 (Embedded beam row)	15325	2	4,500	-6,614	-169,377	4,755	-21,598	0,380	-0,215	46,667	0,008	-169,377	0,000	0,000	4,755	-21,598	0,000
(palo 1500)	15326	3	4,500	-6,803	-170,037	4,711	-20,702	0,501	-0,257	46,667	0,011	-170,037	0,000	0,000	4,711	-20,702	0,000
	15327	4	4,500	-6,992	-170,675	4,659	-19,815	0,616	-0,292	46,667	0,013	-170,675	0,000	0,000	4,659	-19,815	0,000
	15328	5	4,500	-7,181	-171,290	4,600	-18,939	0,728	-0,323	46,667	0,016	-171,290	0,000	0,000	4,600	-18,939	0,000
EmbeddedBeamRow_1_1	15328	1	4,500	-7,181	-171,291	4,600	-18,939	0,727	-0,323	46,667	0,016	-171,291	0,000	0,000	4,600	-18,939	0,000
Element 1-3 (Embedded beam row)	15329	2	4,500	-7,379	-171,911	4,534	-18,037	0,837	-0,350	46,667	0,018	-171,911	0,000	0,000	4,534	-18,037	0,000
(palo 1500)	15330	3	4,500	-7,576	-172,511	4,462	-17,149	0,945	-0,373	46,667	0,020	-172,511	0,000	0,000	4,462	-17,149	0,000
	15331	4	4,500	-7,773	-173,089	4,387	-16,276	1,049	-0,393	46,667	0,022	-173,089	0,000	0,000	4,387	-16,276	0,000
	15332	5	4,500	-7,971	-173,647	4,307	-15,418	1,152	-0,411	46,667	0,025	-173,647	0,000	0,000	4,307	-15,418	0,000
EmbeddedBeamRow_1_1	15332	1	4,500	-7,971	-173,647	4,307	-15,418	1,150	-0,410	46,667	0,025	-173,647	0,000	0,000	4,307	-15,418	0,000
Element 1-4 (Embedded beam row)	15333	2	4,500	-8,177	-174,208	4,221	-14,540	1,252	-0,425	46,667	0,027	-174,208	0,000	0,000	4,221	-14,540	0,000
(palo 1500)	15334	3	4,500	-8,383	-174,749	4,132	-13,680	1,353	-0,439	46,667	0,029	-174,749	0,000	0,000	4,132	-13,680	0,000
	15335	4	4,500	-8,589	-175,269	4,041	-12,838	1,450	-0,450	46,667	0,031	-175,269	0,000	0,000	4,041	-12,838	0,000
	15336	5	4,500	-8,794	-175,769	3,947	-12,016	1,544	-0,459	46,667	0,033	-175,769	0,000	0,000	3,947	-12,016	0,000
EmbeddedBeamRow_1_1	15336	1	4,500	-8,794	-175,769	3,947	-12,016	1,547	-0,460	46,667	0,033	-175,769	0,000	0,000	3,947	-12,016	0,000
Element 1-5 (Embedded beam row)	15337	2	4,500	-9,009	-176,269	3,847	-11,179	1,649	-0,470	46,667	0,035	-176,269	0,000	0,000	3,847	-11,179	0,000
(palo 1500)	15338	3	4,500	-9,224	-176,748	3,745	-10,364	1,749	-0,478	46,667	0,037	-176,748	0,000	0,000	3,745	-10,364	0,000
	15339	4	4,500	-9,439	-177,205	3,642	-9,570	1,847	-0,485	46,667	0,040	-177,205	0,000	0,000	3,642	-9,570	0,000
	15340	5	4,500	-9,654	-177,641	3,537	-8,799	1,943	-0,490	46,667	0,042	-177,641	0,000	0,000	3,537	-8,799	0,000
EmbeddedBeamRow_1_1	15340	1	4,500	-9,654	-177,642	3,537	-8,799	1,944	-0,490	46,667	0,042	-177,642	0,000	0,000	3,537	-8,799	0,000
Element 1-6 (Embedded beam row)	15341	2	4,500	-9,878	-178,075	3,427	-8,019	2,037	-0,494	46,667	0,044	-178,075	0,000	0,000	3,427	-8,019	0,000
(palo 1500)	15342	3	4,500	-10,102	-178,488	3,316	-7,264	2,128	-0,497	46,667	0,046	-178,488	0,000	0,000	3,316	-7,264	0,000
	15343	4	4,500	-10,326	-178,881	3,204	-6,533	2,217	-0,499	46,667	0,048	-178,881	0,000	0,000	3,204	-6,533	0,000
	15344	5	4,500	-10,550	-179,254	3,092	-5,828	2,303	-0,501	46,667	0,049	-179,254	0,000	0,000	3,092	-5,828	0,000
EmbeddedBeamRow_1_1	15344	1	4,500	-10,550	-179,254	3,092	-5,828	2,303	-0,501	46,667	0,049	-179,254	0,000	0,000	3,092	-5,828	0,000
Element 1-7 (Embedded beam row)	15345	2	4,500	-10,783	-179,623	2,975	-5,119	2,394	-0,503	46,667	0,051	-179,623	0,000	0,000	2,975	-5,119	0,000

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
(palo 1500)	15346	3	4,500	-11,017	-179,971	2,857	-4,438	2,486	-0,506	46,667	0,053	-179,971	0,000	0,000	2,857	-4,438	0,000
	15347	4	4,500	-11,251	-180,296	2,738	-3,784	2,582	-0,510	46,667	0,055	-180,296	0,000	0,000	2,738	-3,784	0,000
	15348	5	4,500	-11,484	-180,600	2,619	-3,158	2,678	-0,511	46,667	0,057	-180,600	0,000	0,000	2,619	-3,158	0,000
EmbeddedBeamRow_1_1	15348	1	4,500	-11,484	-180,599	2,618	-3,158	4,416	-0,844	46,667	0,095	-180,599	0,000	0,000	2,618	-3,158	0,000
Element 1-8 (Embedded beam row)	15349	2	4,500	-11,732	-180,470	2,419	-2,535	4,489	-0,776	46,667	0,096	-180,470	0,000	0,000	2,419	-2,535	0,000
(palo 1500)	15350	3	4,500	-11,980	-180,320	2,234	-1,959	4,570	-0,720	46,667	0,098	-180,320	0,000	0,000	2,234	-1,989	0,000
	15351	4	4,500	-12,227	-180,151	2,062	-1,427	4,655	-0,668	46,667	0,100	-180,151	0,000	0,000	2,062	-1,488	0,000
	15352	5	4,500	-12,475	-179,960	1,903	-0,936	4,741	-0,619	46,667	0,102	-179,960	0,000	0,000	1,903	-1,026	0,000
EmbeddedBeamRow_1_1	15352	1	4,500	-12,475	-179,960	1,903	-0,936	4,741	-0,619	46,667	0,102	-179,960	0,000	0,000	1,903	-1,026	0,000
Element 1-9 (Embedded beam row)	15353	2	4,500	-12,726	-179,744	1,753	-0,477	4,831	-0,572	46,667	0,104	-179,744	0,000	0,000	1,753	-0,594	0,000
(palo 1500)	15354	3	4,500	-12,978	-179,505	1,615	-0,054	4,922	-0,527	46,667	0,105	-179,505	0,000	0,000	1,615	-0,303	0,000
	15355	4	4,500	-13,229	-179,244	1,488	0,336	5,015	-0,485	46,667	0,107	-179,244	0,000	0,000	1,488	-0,097	0,336
	15356	5	4,500	-13,480	-178,959	1,372	0,695	5,109	-0,444	46,667	0,109	-178,959	0,000	0,000	1,372	0,000	0,695
EmbeddedBeamRow_1_1	15356	1	4,500	-13,480	-178,958	1,371	0,695	5,109	-0,444	46,667	0,109	-178,958	0,000	0,000	1,371	0,000	0,695
Element 1-10 (Embedded beam row)	15357	2	4,500	-13,735	-178,645	1,263	1,031	5,206	-0,405	46,667	0,112	-178,645	0,000	0,000	1,263	0,000	1,031
(palo 1500)	15358	3	4,500	-13,990	-178,306	1,165	1,340	5,305	-0,368	46,667	0,114	-178,306	0,000	0,000	1,165	0,000	1,340
	15359	4	4,500	-14,246	-177,941	1,075	1,626	5,405	-0,334	46,667	0,116	-177,941	0,000	0,000	1,075	0,000	1,626
	15360	5	4,500	-14,501	-177,552	0,994	1,889	5,506	-0,301	46,667	0,118	-177,552	0,000	0,000	0,994	0,000	1,889
EmbeddedBeamRow_1_1	15360	1	4,500	-14,501	-177,551	0,994	1,889	5,506	-0,301	46,667	0,118	-177,551	0,000	0,000	0,994	0,000	1,889
Element 1-11 (Embedded beam row)	15361	2	4,500	-14,760	-177,130	0,920	2,137	5,610	-0,270	46,667	0,120	-177,130	0,000	0,000	0,920	0,000	2,137
(palo 1500)	15362	3	4,500	-15,018	-176,680	0,854	2,367	5,716	-0,242	46,667	0,122	-176,680	0,000	0,000	0,854	0,000	2,367
	15363	4	4,500	-15,277	-176,203	0,795	2,580	5,823	-0,216	46,667	0,125	-176,203	0,000	0,000	0,795	0,000	2,580
	15364	5	4,500	-15,536	-175,698	0,743	2,779	5,932	-0,192	46,667	0,127	-175,698	0,000	0,000	0,743	0,000	2,779
EmbeddedBeamRow_1_1	15364	1	4,500	-15,536	-175,698	0,742	2,779	5,932	-0,192	46,667	0,127	-175,698	0,000	0,000	0,742	0,000	2,779
Element 1-12 (Embedded beam row)	15365	2	4,500	-15,799	-175,157	0,695	2,967	6,044	-0,171	46,667	0,130	-175,157	0,000	0,000	0,695	0,000	2,967
(palo 1500)	15366	3	4,500	-16,062	-174,585	0,652	3,144	6,156	-0,153	46,667	0,132	-174,585	0,000	0,000	0,652	0,000	3,144
	15367	4	4,500	-16,325	-173,985	0,614	3,311	6,270	-0,138	46,667	0,134	-173,985	0,000	0,000	0,614	0,000	3,311
	15368	5	4,500	-16,587	-173,354	0,580	3,467	6,383	-0,126	46,667	0,137	-173,354	0,000	0,000	0,580	0,000	3,467
EmbeddedBeamRow_1_1	15368	1	4,500	-16,587	-173,354	0,579	3,467	6,383	-0,126	46,667	0,137	-173,354	0,000	0,000	0,579	0,000	3,467
Element 1-13 (Embedded beam row)	15369	2	4,500	-16,854	-172,684	0,547	3,618	6,498	-0,118	46,667	0,139	-172,684	0,000	0,000	0,547	0,000	3,618
(palo 1500)	15370	3	4,500	-17,121	-171,983	0,516	3,759	6,613	-0,113	46,667	0,142	-171,983	0,000	0,000	0,516	0,000	3,759
	15371	4	4,500	-17,387	-171,251	0,486	3,893	6,727	-0,110	46,667	0,144	-171,251	0,000	0,000	0,486	0,000	3,893
	15372	5	4,500	-17,654	-170,489	0,457	4,019	6,841	-0,110	46,667	0,147	-170,489	0,000	0,000	0,457	0,000	4,019
EmbeddedBeamRow_1_1	15372	1	4,500	-17,654	-170,489	0,457	4,019	6,841	-0,110	46,667	0,147	-170,489	0,000	0,000	0,457	0,000	4,019
Element 1-14 (Embedded beam row)	15373	2	4,500	-17,925	-169,685	0,427	4,138	6,956	-0,112	46,667	0,149	-169,685	0,000	0,000	0,427	0,000	4,138
(palo 1500)	15374	3	4,500	-18,195	-168,850	0,397	4,250	7,071	-0,115	46,667	0,152	-168,850	0,000	0,000	0,397	0,000	4,250

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
	15375	4	4,500	-18,466	-167,983	0,365	4,353	7,186	-0,120	46,667	0,154	-167,983	0,000	0,000	0,365	0,000	4,353
	15376	5	4,500	-18,737	-167,086	0,332	4,447	7,301	-0,125	46,667	0,156	-167,086	0,000	0,000	0,332	0,000	4,447
EmbeddedBeamRow_1_1	15376	1	4,500	-18,737	-167,085	0,332	4,447	7,301	-0,125	46,667	0,156	-167,085	0,000	0,000	0,332	0,000	4,447
Element 1-15 (Embedded beam row)	15377	2	4,500	-19,011	-166,143	0,297	4,534	7,417	-0,130	46,667	0,159	-166,143	0,000	0,000	0,297	0,000	4,534
(palo 1500)	15378	3	4,500	-19,286	-165,168	0,260	4,610	7,535	-0,136	46,667	0,161	-165,168	0,000	0,000	0,260	0,000	4,610
	15379	4	4,500	-19,561	-164,160	0,222	4,677	7,653	-0,140	46,667	0,164	-164,160	0,000	0,000	0,222	0,000	4,677
	15380	5	4,500	-19,836	-163,121	0,183	4,732	7,774	-0,143	46,667	0,167	-163,121	0,000	-0,003	0,183	0,000	4,732
EmbeddedBeamRow_1_1	15380	1	4,500	-19,836	-163,119	0,184	4,732	7,774	-0,143	46,667	0,167	-163,119	0,000	-0,003	0,184	0,000	4,732
Element 1-16 (Embedded beam row)	15381	2	4,500	-20,114	-162,031	0,143	4,778	7,903	-0,144	46,667	0,169	-162,031	0,000	-0,023	0,143	0,000	4,778
(palo 1500)	15382	3	4,500	-20,393	-160,903	0,103	4,812	8,038	-0,144	46,667	0,172	-160,903	0,000	-0,042	0,103	0,000	4,812
	15383	4	4,500	-20,672	-159,737	0,063	4,836	8,179	-0,143	46,667	0,175	-159,737	0,000	-0,061	0,063	0,000	4,836
	15384	5	4,500	-20,951	-158,532	0,024	4,848	8,327	-0,141	46,667	0,178	-158,532	0,000	-0,079	0,024	0,000	4,848
EmbeddedBeamRow_1_1	15384	1	4,500	-20,951	-158,531	0,024	4,848	8,328	-0,141	46,667	0,178	-158,531	0,000	-0,079	0,024	0,000	4,848
Element 1-17 (Embedded beam row)	15385	2	4,500	-21,234	-157,265	-0,016	4,849	8,482	-0,139	46,667	0,182	-157,265	0,000	-0,096	0,000	0,000	4,849
(palo 1500)	15386	3	4,500	-21,517	-155,953	-0,055	4,839	8,639	-0,136	46,667	0,185	-155,953	0,000	-0,112	0,000	0,000	4,839
	15387	4	4,500	-21,800	-154,597	-0,093	4,818	8,798	-0,134	46,667	0,189	-154,597	0,000	-0,127	0,000	0,000	4,818
	15388	5	4,500	-22,083	-153,197	-0,130	4,786	8,958	-0,132	46,667	0,192	-153,197	0,000	-0,141	0,000	0,000	4,786
EmbeddedBeamRow_1_1	15388	1	4,500	-22,083	-153,196	-0,131	4,786	8,958	-0,132	46,667	0,192	-153,196	0,000	-0,141	0,000	0,000	4,786
Element 1-18 (Embedded beam row)	15389	2	4,500	-22,370	-151,729	-0,168	4,743	9,121	-0,130	46,667	0,195	-151,729	0,000	-0,168	0,000	0,000	4,743
(palo 1500)	15390	3	4,500	-22,657	-150,213	-0,205	4,690	9,288	-0,129	46,667	0,199	-150,213	0,000	-0,205	0,000	0,000	4,690
	15391	4	4,500	-22,944	-148,648	-0,242	4,625	9,459	-0,128	46,667	0,203	-148,648	0,000	-0,242	0,000	0,000	4,625
	15392	5	4,500	-23,231	-147,036	-0,279	4,551	9,633	-0,129	46,667	0,206	-147,036	0,000	-0,279	0,000	0,000	4,551
EmbeddedBeamRow_1_1	15392	1	4,500	-23,231	-147,034	-0,279	4,551	9,633	-0,129	46,667	0,206	-147,034	0,000	-0,279	0,000	0,000	4,551
Element 1-19 (Embedded beam row)	15393	2	4,500	-23,523	-145,347	-0,317	4,464	9,813	-0,130	46,667	0,210	-145,347	0,000	-0,317	0,000	0,000	4,464
(palo 1500)	15394	3	4,500	-23,814	-143,604	-0,355	4,366	9,996	-0,132	46,667	0,214	-143,604	0,000	-0,355	0,000	0,000	4,366
	15395	4	4,500	-24,106	-141,807	-0,394	4,257	10,184	-0,134	46,667	0,218	-141,807	0,000	-0,394	0,000	0,000	4,257
	15396	5	4,500	-24,397	-139,957	-0,433	4,136	10,377	-0,136	46,667	0,222	-139,957	0,000	-0,433	0,000	0,000	4,136
EmbeddedBeamRow_1_1	15396	1	4,500	-24,397	-139,955	-0,433	4,136	10,377	-0,136	46,667	0,222	-139,955	0,000	-0,433	0,000	0,000	4,136
Element 1-20 (Embedded beam row)	15397	2	4,500	-24,693	-138,020	-0,474	4,002	10,575	-0,138	46,667	0,227	-138,020	0,000	-0,474	0,000	0,000	4,002
(palo 1500)	15398	3	4,500	-24,989	-136,023	-0,515	3,856	10,778	-0,140	46,667	0,231	-136,023	0,000	-0,515	0,000	0,000	3,856
	15399	4	4,500	-25,285	-133,965	-0,556	3,698	10,985	-0,140	46,667	0,235	-133,965	0,000	-0,556	0,000	0,000	3,698
	15400	5	4,500	-25,580	-131,848	-0,597	3,527	11,197	-0,138	46,667	0,240	-131,848	0,000	-0,597	0,000	0,000	3,527
EmbeddedBeamRow_1_1	15400	1	4,500	-25,580	-131,846	-0,597	3,527	11,197	-0,138	46,667	0,240	-131,846	0,000	-0,597	0,000	0,000	3,527
Element 1-21 (Embedded beam row)	15401	2	4,500	-25,881	-129,632	-0,638	3,342	11,416	-0,134	46,667	0,245	-129,632	0,000	-0,638	0,000	0,000	3,342
(palo 1500)	15402	3	4,500	-26,181	-127,349	-0,677	3,144	11,640	-0,127	46,667	0,249	-127,349	0,000	-0,677	0,000	0,000	3,144
	15403	4	4,500	-26,481	-124,999	-0,714	2,935	11,870	-0,117	46,667	0,254	-124,999	0,000	-0,714	0,000	0,000	2,935

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
	15404	5	4,500	-26,781	-122,581	-0,748	2,716	12,104	-0,104	46,667	0,259	-122,581	0,000	-0,748	0,000	0,000	2,716
EmbeddedBeamRow_1_1	15404	1	4,500	-26,781	-122,579	-0,747	2,716	12,104	-0,104	46,667	0,259	-122,579	0,000	-0,747	0,000	0,000	2,716
Element 1-22 (Embedded beam row)	15405	2	4,500	-27,086	-120,053	-0,777	2,483	12,344	-0,087	46,667	0,265	-120,053	0,000	-0,777	0,000	0,000	2,483
(palo 1500)	15406	3	4,500	-27,391	-117,450	-0,800	2,243	12,588	-0,065	46,667	0,270	-117,450	0,000	-0,800	0,000	0,000	2,243
	15407	4	4,500	-27,695	-114,773	-0,815	1,997	12,834	-0,038	46,667	0,275	-114,773	0,000	-0,815	0,000	0,000	1,997
	15408	5	4,500	-28,000	-112,023	-0,823	1,747	13,074	-0,007	46,667	0,280	-112,023	0,000	-0,823	0,000	0,000	1,747
EmbeddedBeamRow_1_1	15408	1	4,500	-28,000	-112,076	-0,832	1,747	13,069	-0,007	46,667	0,280	-112,076	0,000	-0,832	0,000	0,000	1,747
Element 1-23 (Embedded beam row)	15409	2	4,500	-28,673	-105,662	-0,782	1,202	13,588	0,112	46,667	0,291	-105,662	0,000	-0,782	0,000	0,000	1,202
(palo 1500)	15410	3	4,500	-29,345	-99,042	-0,683	0,706	14,099	0,181	46,667	0,302	-99,042	0,000	-0,683	0,000	0,000	0,706
	15411	4	4,500	-30,018	-92,331	-0,534	0,294	13,859	0,260	46,667	0,297	-92,331	0,000	-0,534	0,000	0,000	0,294
	15412	5	4,500	-30,690	-85,643	-0,333	0,000	11,486	1,929	46,667	0,246	-85,643	0,000	-0,333	0,000	0,000	0,000
EmbeddedBeamRow_2_1	15413	1	12,300	-5,870	-158,570	-1,855	16,291	0,000	0,000	46,667	0,000	-158,570	0,000	-1,905	0,000	0,000	16,291
Element 2-24 (Embedded beam row)	15414	2	12,300	-6,155	-159,601	-1,729	15,779	0,429	0,421	46,667	0,009	-159,601	0,000	-1,794	0,000	0,000	15,779
(palo 1500)	15415	3	12,300	-6,441	-160,565	-1,613	15,303	0,684	0,412	46,667	0,015	-160,565	0,000	-1,688	0,000	0,000	15,303
	15416	4	12,300	-6,726	-161,465	-1,512	14,857	0,876	0,314	46,667	0,019	-161,465	0,000	-1,592	0,000	0,000	14,857
	15417	5	12,300	-7,012	-162,305	-1,432	14,437	1,027	0,213	46,667	0,022	-162,305	0,000	-1,513	0,000	0,000	14,437
EmbeddedBeamRow_2_1	15417	1	12,300	-7,012	-162,312	-1,436	14,437	1,027	0,213	46,667	0,022	-162,312	0,000	-1,517	0,000	0,000	14,437
Element 2-25 (Embedded beam row)	15418	2	12,300	-7,244	-162,970	-1,397	14,109	1,131	0,111	46,667	0,024	-162,970	0,000	-1,474	0,000	0,000	14,109
(palo 1500)	15419	3	12,300	-7,476	-163,609	-1,384	13,787	1,219	-0,001	46,667	0,026	-163,609	0,000	-1,452	0,000	0,000	13,787
	15420	4	12,300	-7,708	-164,229	-1,399	13,465	1,297	-0,124	46,667	0,028	-164,229	0,000	-1,453	0,000	0,000	13,465
	15421	5	12,300	-7,940	-164,829	-1,441	13,136	1,368	-0,262	46,667	0,029	-164,829	0,000	-1,477	0,000	0,000	13,136
EmbeddedBeamRow_2_1	15421	1	12,300	-7,940	-164,832	-1,444	13,136	0,764	-0,156	46,667	0,016	-164,832	0,000	-1,480	0,000	0,000	13,136
Element 2-26 (Embedded beam row)	15422	2	12,300	-8,193	-165,608	-1,488	12,766	0,932	-0,211	46,667	0,020	-165,608	0,000	-1,507	0,000	0,000	12,766
(palo 1500)	15423	3	12,300	-8,446	-166,347	-1,550	12,382	1,083	-0,279	46,667	0,023	-166,347	0,000	-1,550	0,000	0,000	12,382
	15424	4	12,300	-8,699	-167,050	-1,629	11,980	1,217	-0,345	46,667	0,026	-167,050	0,000	-1,629	0,000	0,000	11,980
	15425	5	12,300	-8,952	-167,718	-1,725	11,556	1,336	-0,397	46,667	0,029	-167,718	0,000	-1,725	0,000	0,000	11,556
EmbeddedBeamRow_2_1	15425	1	12,300	-8,952	-167,720	-1,722	11,556	1,333	-0,397	46,667	0,029	-167,720	0,000	-1,722	0,000	0,000	11,556
Element 2-27 (Embedded beam row)	15426	2	12,300	-9,205	-168,362	-1,829	11,107	1,437	-0,427	46,667	0,031	-168,362	0,000	-1,829	0,000	0,000	11,107
(palo 1500)	15427	3	12,300	-9,458	-168,980	-1,938	10,630	1,535	-0,440	46,667	0,033	-168,980	0,000	-1,938	0,000	0,000	10,630
	15428	4	12,300	-9,711	-169,573	-2,049	10,126	1,629	-0,437	46,667	0,035	-169,573	0,000	-2,049	0,000	0,000	10,126
	15429	5	12,300	-9,964	-170,142	-2,160	9,593	1,722	-0,423	46,667	0,037	-170,142	0,000	-2,160	0,000	0,000	9,593
EmbeddedBeamRow_2_1	15429	1	12,300	-9,964	-170,143	-2,158	9,593	1,721	-0,423	46,667	0,037	-170,143	0,000	-2,158	0,000	0,000	9,593
Element 2-28 (Embedded beam row)	15430	2	12,300	-10,217	-170,689	-2,263	9,034	1,811	-0,396	46,667	0,039	-170,689	0,000	-2,263	0,000	0,000	9,034
(palo 1500)	15431	3	12,300	-10,470	-171,214	-2,358	8,449	1,901	-0,360	46,667	0,041	-171,214	0,000	-2,358	0,000	0,000	8,449
	15432	4	12,300	-10,723	-171,715	-2,443	7,842	1,992	-0,315	46,667	0,043	-171,715	0,000	-2,443	0,000	0,000	7,842
	15433	5	12,300	-10,976	-172,193	-2,517	7,214	2,086	-0,261	46,667	0,045	-172,193	0,000	-2,517	0,000	0,000	7,214

Structural element	Node [10⁻]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
EmbeddedBeamRow_2_1	15433	1	12,300	-10,976	-172,192	-2,516	7,214	2,086	-0,261	46,667	0,045	-172,192	0,000	-2,516	0,000	0,000	7,214
Element 2-29 (Embedded beam row)	15434	2	12,300	-11,229	-172,646	-2,575	6,570	2,180	-0,200	46,667	0,047	-172,646	0,000	-2,575	0,000	0,000	6,570
(palo 1500)	15435	3	12,300	-11,482	-173,076	-2,617	5,912	2,277	-0,132	46,667	0,049	-173,076	0,000	-2,617	0,000	0,000	5,912
	15436	4	12,300	-11,735	-173,481	-2,641	5,247	2,378	-0,056	46,667	0,051	-173,481	0,000	-2,641	0,000	0,000	5,247
	15437	5	12,300	-11,988	-173,860	-2,645	4,578	2,484	0,032	46,667	0,053	-173,860	0,000	-2,645	0,000	0,000	4,578
EmbeddedBeamRow_2_1	15437	1	12,300	-11,988	-173,858	-2,643	4,578	2,484	0,032	46,667	0,053	-173,858	0,000	-2,643	0,000	0,000	4,578
Element 2-30 (Embedded beam row)	15438	2	12,300	-12,241	-174,212	-2,625	3,911	2,593	0,127	46,667	0,056	-174,212	0,000	-2,625	0,000	0,000	3,911
(palo 1500)	15439	3	12,300	-12,494	-174,534	-2,579	3,252	2,712	0,233	46,667	0,058	-174,534	0,000	-2,579	0,000	0,000	3,252
	15440	4	12,300	-12,747	-174,823	-2,505	2,608	2,853	0,353	46,667	0,061	-174,823	0,000	-2,505	0,000	-0,028	2,608
	15441	5	12,300	-13,000	-175,078	-2,401	1,987	3,015	0,502	46,667	0,065	-175,078	0,000	-2,401	0,000	-0,254	1,987
EmbeddedBeamRow_2_1	15441	1	12,300	-13,000	-175,076	-2,399	1,987	4,884	0,814	46,667	0,105	-175,076	0,000	-2,399	0,000	-0,254	1,987
Element 2-31 (Embedded beam row)	15442	2	12,300	-13,241	-174,834	-2,204	1,433	4,971	0,791	46,667	0,107	-174,834	0,000	-2,204	0,000	-0,452	1,433
(palo 1500)	15443	3	12,300	-13,482	-174,572	-2,018	0,924	5,059	0,758	46,667	0,108	-174,572	0,000	-2,018	0,000	-0,629	0,924
	15444	4	12,300	-13,723	-174,289	-1,839	0,459	5,144	0,723	46,667	0,110	-174,289	0,000	-1,839	0,000	-0,786	0,459
	15445	5	12,300	-13,964	-173,986	-1,669	0,037	5,226	0,686	46,667	0,112	-173,986	0,000	-1,669	0,000	-0,924	0,037
EmbeddedBeamRow_2_1	15445	1	12,300	-13,964	-173,986	-1,669	0,037	5,226	0,686	46,667	0,112	-173,986	0,000	-1,669	0,000	-0,924	0,037
Element 2-32 (Embedded beam row)	15446	2	12,300	-14,209	-173,658	-1,506	-0,351	5,309	0,649	46,667	0,114	-173,658	0,000	-1,506	0,000	-1,045	0,000
(palo 1500)	15447	3	12,300	-14,453	-173,309	-1,351	-0,701	5,393	0,613	46,667	0,116	-173,309	0,000	-1,351	0,000	-1,149	0,000
	15448	4	12,300	-14,698	-172,940	-1,205	-1,014	5,477	0,579	46,667	0,117	-172,940	0,000	-1,205	0,000	-1,237	0,000
	15449	5	12,300	-14,943	-172,550	-1,068	-1,292	5,561	0,547	46,667	0,119	-172,550	0,000	-1,068	0,000	-1,310	0,000
EmbeddedBeamRow_2_1	15449	1	12,300	-14,943	-172,550	-1,067	-1,292	5,561	0,547	46,667	0,119	-172,550	0,000	-1,067	0,000	-1,310	0,000
Element 2-33 (Embedded beam row)	15450	2	12,300	-15,192	-172,133	-0,935	-1,541	5,648	0,516	46,667	0,121	-172,133	0,000	-0,935	0,000	-1,541	0,000
(palo 1500)	15451	3	12,300	-15,441	-171,693	-0,811	-1,758	5,737	0,487	46,667	0,123	-171,693	0,000	-0,811	0,000	-1,758	0,000
	15452	4	12,300	-15,690	-171,232	-0,693	-1,945	5,827	0,460	46,667	0,125	-171,232	0,000	-0,693	0,000	-1,945	0,000
	15453	5	12,300	-15,938	-170,748	-0,582	-2,103	5,918	0,435	46,667	0,127	-170,748	0,000	-0,582	0,000	-2,103	0,000
EmbeddedBeamRow_2_1	15453	1	12,300	-15,938	-170,748	-0,581	-2,103	5,919	0,435	46,667	0,127	-170,748	0,000	-0,581	0,000	-2,103	0,000
Element 2-34 (Embedded beam row)	15454	2	12,300	-16,191	-170,233	-0,474	-2,237	6,014	0,412	46,667	0,129	-170,233	0,000	-0,474	0,000	-2,237	0,000
(palo 1500)	15455	3	12,300	-16,444	-169,692	-0,373	-2,344	6,112	0,389	46,667	0,131	-169,692	0,000	-0,373	0,023	-2,344	0,000
	15456	4	12,300	-16,697	-169,127	-0,277	-2,426	6,211	0,369	46,667	0,133	-169,127	0,000	-0,277	0,060	-2,426	0,000
	15457	5	12,300	-16,950	-168,538	-0,187	-2,484	6,313	0,349	46,667	0,135	-168,538	0,000	-0,187	0,093	-2,484	0,000
EmbeddedBeamRow_2_1	15457	1	12,300	-16,950	-168,537	-0,187	-2,484	6,313	0,349	46,667	0,135	-168,537	0,000	-0,187	0,093	-2,484	0,000
Element 2-35 (Embedded beam row)	15458	2	12,300	-17,206	-167,911	-0,100	-2,521	6,419	0,330	46,667	0,138	-167,911	0,000	-0,100	0,123	-2,521	0,000
(palo 1500)	15459	3	12,300	-17,463	-167,257	-0,017	-2,536	6,528	0,312	46,667	0,140	-167,257	0,000	-0,017	0,151	-2,536	0,000
	15460	4	12,300	-17,720	-166,574	0,061	-2,530	6,639	0,295	46,667	0,142	-166,574	0,000	0,000	0,176	-2,530	0,000
	15461	5	12,300	-17,977	-165,863	0,134	-2,505	6,754	0,278	46,667	0,145	-165,863	0,000	0,000	0,199	-2,505	0,000
EmbeddedBeamRow_2_1	15461	1	12,300	-17,977	-165,862	0,134	-2,505	6,754	0,278	46,667	0,145	-165,862	0,000	0,000	0,199	-2,505	0,000

Structural element	Node [10⁻]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N-- - [kN/m]	N --- [kN/m]	Q-- [kN/m]	Q --- [kN/m]	M - - [kN m/m]	M --- [kN m/m]
Element 2-36 (Embedded beam row)	15462	2	12,300	-18,238	-165,110	0,205	-2,461	6,873	0,261	46,667	0,147	-165,110	0,000	0,000	0,239	-2,461	0,000
(palo 1500)	15463	3	12,300	-18,499	-164,325	0,270	-2,399	6,995	0,244	46,667	0,150	-164,325	0,000	0,000	0,291	-2,399	0,000
	15464	4	12,300	-18,760	-163,508	0,332	-2,320	7,120	0,227	46,667	0,153	-163,508	0,000	0,000	0,339	-2,320	0,000
	15465	5	12,300	-19,021	-162,659	0,389	-2,226	7,248	0,210	46,667	0,155	-162,659	0,000	0,000	0,389	-2,226	0,000
EmbeddedBeamRow_2_1	15465	1	12,300	-19,021	-162,658	0,389	-2,226	7,248	0,209	46,667	0,155	-162,658	0,000	0,000	0,389	-2,226	0,000
Element 2-37 (Embedded beam row)	15466	2	12,300	-19,286	-161,761	0,442	-2,116	7,381	0,192	46,667	0,158	-161,761	0,000	0,000	0,442	-2,116	0,000
(palo 1500)	15467	3	12,300	-19,551	-160,826	0,490	-1,992	7,517	0,174	46,667	0,161	-160,826	0,000	0,000	0,490	-1,992	0,000
	15468	4	12,300	-19,817	-159,855	0,534	-1,856	7,657	0,155	46,667	0,164	-159,855	0,000	0,000	0,534	-1,856	0,000
	15469	5	12,300	-20,082	-158,848	0,573	-1,709	7,800	0,136	46,667	0,167	-158,848	0,000	0,000	0,573	-1,709	0,000
EmbeddedBeamRow_2_1	15469	1	12,300	-20,082	-158,847	0,573	-1,709	7,800	0,136	46,667	0,167	-158,847	0,000	0,000	0,573	-1,709	0,000
Element 2-38 (Embedded beam row)	15470	2	12,300	-20,351	-157,785	0,607	-1,550	7,948	0,117	46,667	0,170	-157,785	0,000	0,000	0,607	-1,550	0,000
(palo 1500)	15471	3	12,300	-20,621	-156,681	0,635	-1,383	8,100	0,096	46,667	0,174	-156,681	0,000	0,000	0,635	-1,383	0,000
	15472	4	12,300	-20,890	-155,535	0,659	-1,208	8,255	0,076	46,667	0,177	-155,535	0,000	0,000	0,659	-1,208	0,000
	15473	5	12,300	-21,160	-154,349	0,676	-1,028	8,413	0,055	46,667	0,180	-154,349	0,000	0,000	0,676	-1,028	0,000
EmbeddedBeamRow_2_1	15473	1	12,300	-21,160	-154,347	0,676	-1,028	8,413	0,055	46,667	0,180	-154,347	0,000	0,000	0,676	-1,028	0,000
Element 2-39 (Embedded beam row)	15474	2	12,300	-21,433	-153,098	0,688	-0,841	8,576	0,033	46,667	0,184	-153,098	0,000	0,000	0,688	-0,841	0,000
(palo 1500)	15475	3	12,300	-21,707	-151,802	0,694	-0,652	8,743	0,011	46,667	0,187	-151,802	0,000	0,000	0,694	-0,652	0,000
	15476	4	12,300	-21,981	-150,460	0,694	-0,462	8,913	-0,012	46,667	0,191	-150,460	0,000	0,000	0,694	-0,462	0,000
	15477	5	12,300	-22,255	-149,072	0,688	-0,273	9,086	-0,034	46,667	0,195	-149,072	0,000	0,000	0,688	-0,273	0,000
EmbeddedBeamRow_2_1	15477	1	12,300	-22,255	-149,071	0,688	-0,273	9,086	-0,034	46,667	0,195	-149,071	0,000	0,000	0,688	-0,273	0,000
Element 2-40 (Embedded beam row)	15478	2	12,300	-22,533	-147,612	0,675	-0,083	9,265	-0,056	46,667	0,199	-147,612	0,000	0,000	0,675	-0,083	0,148
(palo 1500)	15479	3	12,300	-22,811	-146,101	0,656	0,102	9,448	-0,079	46,667	0,202	-146,101	0,000	0,000	0,656	0,000	0,306
	15480	4	12,300	-23,089	-144,539	0,631	0,282	9,634	-0,100	46,667	0,206	-144,539	0,000	0,000	0,631	0,000	0,459
	15481	5	12,300	-23,367	-142,927	0,600	0,453	9,823	-0,122	46,667	0,211	-142,927	0,000	0,000	0,600	0,000	0,604
EmbeddedBeamRow_2_1	15481	1	12,300	-23,367	-142,925	0,601	0,453	9,823	-0,122	46,667	0,211	-142,925	0,000	0,000	0,601	0,000	0,604
Element 2-41 (Embedded beam row)	15482	2	12,300	-23,650	-141,232	0,563	0,618	10,018	-0,142	46,667	0,215	-141,232	0,000	0,000	0,563	0,000	0,743
(palo 1500)	15483	3	12,300	-23,933	-139,482	0,520	0,771	10,217	-0,162	46,667	0,219	-139,482	0,000	0,000	0,520	0,000	0,871
	15484	4	12,300	-24,215	-137,675	0,472	0,911	10,420	-0,179	46,667	0,223	-137,675	0,000	0,000	0,472	0,000	0,987
	15485	5	12,300	-24,498	-135,812	0,419	1,037	10,626	-0,196	46,667	0,228	-135,812	0,000	0,000	0,419	0,000	1,091
EmbeddedBeamRow_2_1	15485	1	12,300	-24,498	-135,810	0,419	1,037	10,627	-0,196	46,667	0,228	-135,810	0,000	0,000	0,419	0,000	1,091
Element 2-42 (Embedded beam row)	15486	2	12,300	-24,785	-133,858	0,361	1,150	10,839	-0,210	46,667	0,232	-133,858	0,000	0,000	0,361	0,000	1,181
(palo 1500)	15487	3	12,300	-25,072	-131,841	0,299	1,244	11,055	-0,222	46,667	0,237	-131,841	0,000	0,000	0,299	0,000	1,256
	15488	4	12,300	-25,360	-129,762	0,234	1,321	11,275	-0,231	46,667	0,242	-129,762	0,000	0,000	0,234	0,000	1,321
	15489	5	12,300	-25,647	-127,621	0,166	1,378	11,499	-0,238	46,667	0,246	-127,621	0,000	0,000	0,166	0,000	1,378
EmbeddedBeamRow_2_1	15489	1	12,300	-25,647	-127,619	0,166	1,378	11,499	-0,238	46,667	0,246	-127,619	0,000	0,000	0,166	0,000	1,378
Element 2-43 (Embedded beam row)	15490	2	12,300	-25,939	-125,377	0,096	1,416	11,729	-0,241	46,667	0,251	-125,377	0,000	0,000	0,096	0,000	1,416

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N-- [kN/m]	N--- [kN/m]	Q-- [kN/m]	Q--- [kN/m]	M-- [kN m/m]	M--- [kN m/m]
(palo 1500)	15491	3	12,300	-26,230	-123,066	0,026	1,434	11,963	-0,241	46,667	0,256	-123,066	0,000	-0,012	0,026	0,000	1,434
	15492	4	12,300	-26,522	-120,686	-0,044	1,432	12,201	-0,238	46,667	0,261	-120,686	0,000	-0,074	0,000	0,000	1,432
	15493	5	12,300	-26,814	-118,238	-0,113	1,409	12,442	-0,231	46,667	0,267	-118,238	0,000	-0,136	0,000	0,000	1,409
EmbeddedBeamRow_2_1	15493	1	12,300	-26,814	-118,236	-0,112	1,409	12,442	-0,231	46,667	0,267	-118,236	0,000	-0,135	0,000	0,000	1,409
Element 2-44 (Embedded beam row)	15494	2	12,300	-27,110	-115,677	-0,180	1,365	12,685	-0,220	46,667	0,272	-115,677	0,000	-0,195	0,000	0,000	1,365
(palo 1500)	15495	3	12,300	-27,407	-113,043	-0,243	1,303	12,930	-0,206	46,667	0,277	-113,043	0,000	-0,251	0,000	0,000	1,303
	15496	4	12,300	-27,703	-110,337	-0,301	1,222	13,173	-0,189	46,667	0,282	-110,337	0,000	-0,303	0,000	0,000	1,222
	15497	5	12,300	-28,000	-107,561	-0,355	1,125	13,410	-0,160	46,667	0,287	-107,561	0,000	-0,355	0,000	0,000	1,125
EmbeddedBeamRow_2_1	15497	1	12,300	-28,000	-107,645	-0,364	1,125	13,404	-0,160	46,667	0,287	-107,645	0,000	-0,364	0,000	0,000	1,125
Element 2-45 (Embedded beam row)	15498	2	12,300	-28,673	-100,951	-0,422	0,860	13,933	-0,059	46,667	0,299	-100,951	0,000	-0,422	0,000	0,000	0,860
(palo 1500)	15499	3	12,300	-29,345	-94,131	-0,449	0,564	14,399	-0,046	46,667	0,309	-94,131	0,000	-0,449	0,000	0,000	0,564
	15500	4	12,300	-30,018	-87,340	-0,430	0,266	13,848	0,081	46,667	0,297	-87,340	0,000	-0,430	0,000	0,000	0,266
	15501	5	12,300	-30,690	-80,731	-0,347	0,000	10,842	1,828	46,667	0,232	-80,731	0,000	-0,347	0,000	0,000	0,000

3.3.2.1.10 Calculation results, Embedded beam row, Versante - fase B [Phase_10] (10/177), Table of embedded pile row force envelopes

Structural element	Node [10 ˚]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T--- [kN/m/m]	T---,--- [kN/m/m]	T---,---	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
EmbeddedBeamRow_1_1	15320	1	4,500	-5,870	-140,628	-2,336	33,657	0,000	0,000	46,667	0,000	-166,659	0,000	-2,336	4,945	-25,200	33,657
Element 1-1 (Embedded beam row)	15321	2	4,500	-6,009	-141,174	-2,511	33,321	0,065	-1,287	46,667	0,001	-167,187	0,000	-2,511	4,910	-24,518	33,321
(palo 1500)	15322	3	4,500	-6,147	-141,699	-2,695	32,960	0,196	-1,396	46,667	0,004	-167,703	0,000	-2,695	4,871	-23,840	32,960
	15323	4	4,500	-6,286	-142,204	-2,882	32,574	0,366	-1,343	46,667	0,008	-168,204	0,000	-2,886	4,831	-23,167	32,574
	15324	5	4,500	-6,424	-142,686	-3,069	32,162	0,560	-1,412	46,667	0,012	-168,693	0,000	-3,079	4,791	-22,501	32,162
EmbeddedBeamRow_1_1	15324	1	4,500	-6,424	-142,688	-3,070	32,162	0,356	-1,004	46,667	0,008	-168,695	0,000	-3,079	4,792	-22,501	32,162
Element 1-2 (Embedded beam row)	15325	2	4,500	-6,614	-143,331	-3,288	31,561	0,647	-1,267	46,667	0,014	-169,377	0,000	-3,296	4,755	-21,598	31,561
(palo 1500)	15326	3	4,500	-6,803	-143,929	-3,550	30,914	0,893	-1,506	46,667	0,019	-170,037	0,000	-3,555	4,711	-20,702	30,914
	15327	4	4,500	-6,992	-144,484	-3,854	30,214	1,104	-1,714	46,667	0,024	-170,675	0,000	-3,854	4,659	-19,815	30,214
	15328	5	4,500	-7,181	-144,997	-4,199	29,453	1,291	-1,890	46,667	0,028	-171,290	0,000	-4,199	4,600	-18,939	29,453
EmbeddedBeamRow_1_1	15328	1	4,500	-7,181	-145,000	-4,193	29,453	1,290	-1,887	46,667	0,028	-171,291	0,000	-4,193	4,600	-18,939	29,453
Element 1-3 (Embedded beam row)	15329	2	4,500	-7,379	-145,502	-4,584	28,587	1,461	-2,025	46,667	0,031	-171,911	0,000	-4,584	4,534	-18,037	28,587
(palo 1500)	15330	3	4,500	-7,576	-145,974	-4,993	27,642	1,620	-2,123	46,667	0,035	-172,511	0,000	-4,993	4,462	-17,149	27,642
	15331	4	4,500	-7,773	-146,414	-5,418	26,615	1,771	-2,183	46,667	0,038	-173,089	0,000	-5,418	4,387	-16,276	26,615
	15332	5	4,500	-7,971	-146,825	-5,856	25,503	1,916	-2,210	46,667	0,041	-173,647	0,000	-5,856	4,307	-15,418	25,503
EmbeddedBeamRow_1_1	15332	1	4,500	-7,971	-146,825	-5,851	25,503	1,914	-2,207	46,667	0,041	-173,647	0,000	-5,851	4,307	-15,418	25,503
Element 1-4 (Embedded beam row)	15333	2	4,500	-8,177	-147,225	-6,308	24,251	2,060	-2,201	46,667	0,044	-174,208	0,000	-6,308	4,221	-14,540	24,251
(palo 1500)	15334	3	4,500	-8,383	-147,594	-6,757	22,905	2,205	-2,166	46,667	0,047	-174,749	0,000	-6,757	4,132	-13,680	22,905
	15335	4	4,500	-8,589	-147,934	-7,196	21,468	2,350	-2,104	46,667	0,050	-175,269	0,000	-7,196	4,041	-12,838	21,468
	15336	5	4,500	-8,794	-148,244	-7,624	19,943	2,494	-2,020	46,667	0,053	-175,769	0,000	-7,624	3,947	-12,016	19,943
EmbeddedBeamRow_1_1	15336	1	4,500	-8,794	-148,244	-7,621	19,943	2,498	-2,023	46,667	0,054	-175,769	0,000	-7,621	3,947	-12,016	19,943
Element 1-5 (Embedded beam row)	15337	2	4,500	-9,009	-148,534	-8,046	18,260	2,658	-1,920	46,667	0,057	-176,269	0,000	-8,046	3,847	-11,179	18,260
(palo 1500)	15338	3	4,500	-9,224	-148,789	-8,446	16,488	2,822	-1,799	46,667	0,060	-176,748	0,000	-8,446	3,745	-10,364	16,488
	15339	4	4,500	-9,439	-149,008	-8,817	14,634	2,990	-1,663	46,667	0,064	-177,205	0,000	-8,817	3,642	-9,570	14,634
	15340	5	4,500	-9,654	-149,191	-9,160	12,703	3,161	-1,514	46,667	0,068	-177,641	0,000	-9,160	3,537	-8,799	12,703
EmbeddedBeamRow_1_1	15340	1	4,500	-9,654	-149,191	-9,159	12,703	3,162	-1,515	46,667	0,068	-177,642	0,000	-9,159	3,537	-8,799	12,703
Element 1-6 (Embedded beam row)	15341	2	4,500	-9,878	-149,343	-9,480	10,615	3,337	-1,346	46,667	0,072	-178,075	0,000	-9,480	3,427	-8,019	10,615
(palo 1500)	15342	3	4,500	-10,102	-149,455	-9,762	8,459	3,515	-1,170	46,667	0,075	-178,488	0,000	-9,762	3,316	-7,264	8,459
	15343	4	4,500	-10,326	-149,527	-10,004	6,244	3,696	-0,990	46,667	0,079	-178,881	0,000	-10,004	3,204	-6,533	6,244
	15344	5	4,500	-10,550	-149,558	-10,205	3,980	3,879	-0,806	46,667	0,083	-179,254	0,000	-10,205	3,092	-5,828	3,980
EmbeddedBeamRow_1_1	15344	1	4,500	-10,550	-149,557	-10,204	3,980	3,879	-0,806	46,667	0,083	-179,254	0,000	-10,204	3,092	-5,828	3,980
Element 1-7 (Embedded beam row)	15345	2	4,500	-10,783	-149,547	-10,371	1,575	4,076	-0,614	46,667	0,087	-179,623	0,000	-10,371	2,975	-5,119	1,575

Structural element	Node [10⁻³]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
(palo 1500)	15346	3	4,500	-11,017	-149,488	-10,491	-0,864	4,279	-0,416	46,667	0,092	-179,971	0,000	-10,491	2,857	-4,438	0,000
	15347	4	4,500	-11,251	-149,381	-10,562	-3,325	4,494	-0,196	46,667	0,096	-180,296	0,000	-10,562	2,738	-4,609	0,000
	15348	5	4,500	-11,484	-149,224	-10,583	-5,796	4,723	0,073	46,667	0,101	-180,600	0,000	-10,583	2,619	-5,936	0,000
EmbeddedBeamRow_1_1	15348	1	4,500	-11,484	-149,221	-10,586	-5,796	7,733	0,102	46,667	0,166	-180,599	0,000	-10,586	2,618	-5,936	0,000
Element 1-8 (Embedded beam row)	15349	2	4,500	-11,732	-148,253	-10,504	-8,408	7,949	0,473	46,667	0,170	-180,470	0,000	-10,504	2,419	-8,408	0,000
(palo 1500)	15350	3	4,500	-11,980	-147,229	-10,351	-10,993	8,173	0,775	46,667	0,175	-180,320	0,000	-10,351	2,234	-10,993	0,000
	15351	4	4,500	-12,227	-146,150	-10,128	-13,531	8,397	1,033	46,667	0,180	-180,151	0,000	-10,128	2,062	-13,531	0,000
	15352	5	4,500	-12,475	-145,015	-9,838	-16,004	8,620	1,258	46,667	0,185	-179,960	0,000	-9,838	1,903	-16,004	0,000
EmbeddedBeamRow_1_1	15352	1	4,500	-12,475	-145,015	-9,845	-16,004	8,620	1,258	46,667	0,185	-179,960	0,000	-9,845	1,903	-16,004	0,000
Element 1-9 (Embedded beam row)	15353	2	4,500	-12,726	-143,808	-9,499	-18,435	8,845	1,452	46,667	0,190	-179,744	0,000	-9,499	1,753	-18,435	0,000
(palo 1500)	15354	3	4,500	-12,978	-142,543	-9,114	-20,775	9,067	1,616	46,667	0,194	-179,505	0,000	-9,114	1,615	-20,775	0,000
	15355	4	4,500	-13,229	-141,224	-8,692	-23,015	9,285	1,750	46,667	0,199	-179,244	0,000	-8,692	1,488	-23,015	0,336
	15356	5	4,500	-13,480	-139,850	-8,234	-25,142	9,497	1,856	46,667	0,204	-178,959	0,000	-8,234	1,372	-25,142	0,695
EmbeddedBeamRow_1_1	15356	1	4,500	-13,480	-139,851	-8,239	-25,142	9,497	1,856	46,667	0,204	-178,958	0,000	-8,239	1,371	-25,142	0,695
Element 1-10 (Embedded beam row)	15357	2	4,500	-13,735	-138,403	-7,751	-27,181	9,707	1,939	46,667	0,208	-178,645	0,000	-7,751	1,263	-27,181	1,031
(palo 1500)	15358	3	4,500	-13,990	-136,902	-7,250	-29,095	9,909	1,998	46,667	0,212	-178,306	0,000	-7,250	1,165	-29,095	1,340
	15359	4	4,500	-14,246	-135,351	-6,736	-30,880	10,104	2,034	46,667	0,217	-177,941	0,000	-6,736	1,075	-30,880	1,626
	15360	5	4,500	-14,501	-133,751	-6,212	-32,531	10,290	2,050	46,667	0,220	-177,552	0,000	-6,212	0,994	-32,531	1,889
EmbeddedBeamRow_1_1	15360	1	4,500	-14,501	-133,752	-6,215	-32,531	10,290	2,050	46,667	0,220	-177,551	0,000	-6,215	0,994	-32,531	1,889
Element 1-11 (Embedded beam row)	15361	2	4,500	-14,760	-132,081	-5,682	-34,071	10,469	2,048	46,667	0,224	-177,130	0,000	-5,682	0,920	-34,071	2,137
(palo 1500)	15362	3	4,500	-15,018	-130,365	-5,155	-35,474	10,639	2,028	46,667	0,228	-176,680	0,000	-5,155	0,854	-35,474	2,367
	15363	4	4,500	-15,277	-128,606	-4,635	-36,742	10,799	1,994	46,667	0,231	-176,203	0,000	-4,635	0,795	-36,742	2,580
	15364	5	4,500	-15,536	-126,807	-4,123	-37,875	10,949	1,946	46,667	0,235	-175,698	0,000	-4,123	0,743	-37,875	2,779
EmbeddedBeamRow_1_1	15364	1	4,500	-15,536	-126,808	-4,125	-37,875	10,949	1,946	46,667	0,235	-175,698	0,000	-4,125	0,742	-37,875	2,779
Element 1-12 (Embedded beam row)	15365	2	4,500	-15,799	-124,943	-3,620	-38,892	11,089	1,886	46,667	0,238	-175,157	0,000	-3,620	0,695	-38,892	2,967
(palo 1500)	15366	3	4,500	-16,062	-123,044	-3,134	-39,779	11,217	1,815	46,667	0,240	-174,585	0,000	-3,134	0,652	-39,779	3,144
	15367	4	4,500	-16,325	-121,114	-2,667	-40,541	11,333	1,736	46,667	0,243	-173,985	0,000	-2,667	0,614	-40,541	3,311
	15368	5	4,500	-16,587	-119,153	-2,221	-41,182	11,435	1,651	46,667	0,245	-173,354	0,000	-2,221	0,580	-41,182	3,467
EmbeddedBeamRow_1_1	15368	1	4,500	-16,587	-119,155	-2,222	-41,182	11,435	1,651	46,667	0,245	-173,354	0,000	-2,222	0,579	-41,182	3,467
Element 1-13 (Embedded beam row)	15369	2	4,500	-16,854	-117,139	-1,794	-41,717	11,524	1,560	46,667	0,247	-172,684	0,000	-1,794	0,547	-41,717	3,618
(palo 1500)	15370	3	4,500	-17,121	-115,103	-1,390	-42,141	11,600	1,466	46,667	0,249	-171,983	0,000	-1,390	0,516	-42,141	3,759
	15371	4	4,500	-17,387	-113,048	-1,012	-42,461	11,662	1,372	46,667	0,250	-171,251	0,000	-1,012	0,486	-42,461	3,893
	15372	5	4,500	-17,654	-110,977	-0,658	-42,683	11,711	1,280	46,667	0,251	-170,489	0,000	-0,658	0,457	-42,683	4,019
EmbeddedBeamRow_1_1	15372	1	4,500	-17,654	-110,979	-0,657	-42,683	11,711	1,280	46,667	0,251	-170,489	0,000	-0,657	0,457	-42,683	4,019
Element 1-14 (Embedded beam row)	15373	2	4,500	-17,925	-108,866	-0,324	-42,815	11,746	1,190	46,667	0,252	-169,685	0,000	-0,324	0,427	-42,815	4,138
(palo 1500)	15374	3	4,500	-18,195	-106,746	-0,014	-42,860	11,769	1,104	46,667	0,252	-168,850	0,000	-0,014	0,397	-42,860	4,250

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N-- - [kN/m]	N--- [kN/m]	Q-- - [kN/m]	Q--- [kN/m]	M- - - [kN m/m]	M--- [kN m/m]
	15375	4	4,500	-18,466	-104,622	0,275	-42,825	11,779	1,025	46,667	0,252	-167,983	0,000	0,000	0,440	-42,825	4,353
	15376	5	4,500	-18,737	-102,496	0,541	-42,714	11,777	0,953	46,667	0,252	-167,086	0,000	0,000	0,541	-42,714	4,447
EmbeddedBeamRow_1_1	15376	1	4,500	-18,737	-102,498	0,543	-42,714	11,777	0,953	46,667	0,252	-167,085	0,000	0,000	0,543	-42,714	4,447
Element 1-15 (Embedded beam row)	15377	2	4,500	-19,011	-100,343	0,794	-42,530	11,762	0,889	46,667	0,252	-166,143	0,000	0,000	0,794	-42,530	4,534
(palo 1500)	15378	3	4,500	-19,286	-98,193	1,031	-42,279	11,738	0,835	46,667	0,252	-165,168	0,000	0,000	1,031	-42,279	4,610
	15379	4	4,500	-19,561	-96,052	1,254	-41,965	11,704	0,790	46,667	0,251	-164,160	0,000	0,000	1,254	-41,965	4,677
	15380	5	4,500	-19,836	-93,921	1,465	-41,591	11,663	0,757	46,667	0,250	-163,121	0,000	-0,003	1,465	-41,591	4,732
EmbeddedBeamRow_1_1	15380	1	4,500	-19,836	-93,921	1,467	-41,591	11,663	0,757	46,667	0,250	-163,119	0,000	-0,003	1,467	-41,591	4,732
Element 1-16 (Embedded beam row)	15381	2	4,500	-20,114	-91,771	1,673	-41,153	11,619	0,733	46,667	0,249	-162,031	0,000	-0,023	1,673	-41,153	4,778
(palo 1500)	15382	3	4,500	-20,393	-89,632	1,876	-40,659	11,573	0,719	46,667	0,248	-160,903	0,000	-0,042	1,876	-40,659	4,812
	15383	4	4,500	-20,672	-87,507	2,076	-40,108	11,527	0,714	46,667	0,247	-159,737	0,000	-0,061	2,076	-40,108	4,836
	15384	5	4,500	-20,951	-85,395	2,273	-39,501	11,480	0,715	46,667	0,246	-158,532	0,000	-0,079	2,273	-39,501	4,848
EmbeddedBeamRow_1_1	15384	1	4,500	-20,951	-85,395	2,275	-39,501	11,481	0,715	46,667	0,246	-158,531	0,000	-0,079	2,275	-39,501	4,848
Element 1-17 (Embedded beam row)	15385	2	4,500	-21,234	-83,265	2,477	-38,829	11,429	0,722	46,667	0,245	-157,265	0,000	-0,096	2,477	-38,829	4,849
(palo 1500)	15386	3	4,500	-21,517	-81,150	2,683	-38,099	11,371	0,731	46,667	0,244	-155,953	0,000	-0,112	2,683	-38,099	4,839
	15387	4	4,500	-21,800	-79,052	2,891	-37,310	11,305	0,741	46,667	0,242	-154,597	0,000	-0,127	2,891	-37,310	4,818
	15388	5	4,500	-22,083	-76,975	3,102	-36,463	11,232	0,750	46,667	0,241	-153,197	0,000	-0,141	3,102	-36,463	4,786
EmbeddedBeamRow_1_1	15388	1	4,500	-22,083	-76,975	3,102	-36,463	11,232	0,750	46,667	0,241	-153,196	0,000	-0,141	3,102	-36,463	4,786
Element 1-18 (Embedded beam row)	15389	2	4,500	-22,370	-74,889	3,319	-35,541	11,148	0,756	46,667	0,239	-151,729	0,000	-0,168	3,319	-35,541	4,743
(palo 1500)	15390	3	4,500	-22,657	-72,828	3,536	-34,557	11,057	0,757	46,667	0,237	-150,213	0,000	-0,205	3,536	-34,557	4,690
	15391	4	4,500	-22,944	-70,794	3,753	-33,510	10,960	0,753	46,667	0,235	-148,648	0,000	-0,242	3,753	-33,510	4,625
	15392	5	4,500	-23,231	-68,789	3,968	-32,401	10,855	0,742	46,667	0,233	-147,036	0,000	-0,279	3,968	-32,401	4,551
EmbeddedBeamRow_1_1	15392	1	4,500	-23,231	-68,790	3,967	-32,401	10,855	0,742	46,667	0,233	-147,034	0,000	-0,279	3,967	-32,401	4,551
Element 1-19 (Embedded beam row)	15393	2	4,500	-23,523	-66,787	4,182	-31,214	10,740	0,723	46,667	0,230	-145,347	0,000	-0,317	4,182	-31,214	4,464
(palo 1500)	15394	3	4,500	-23,814	-64,819	4,388	-29,965	10,618	0,696	46,667	0,228	-143,604	0,000	-0,355	4,388	-29,965	4,366
	15395	4	4,500	-24,106	-62,888	4,586	-28,656	10,488	0,661	46,667	0,225	-141,807	0,000	-0,394	4,586	-28,656	4,257
	15396	5	4,500	-24,397	-60,995	4,774	-27,292	10,351	0,618	46,667	0,222	-139,957	0,000	-0,433	4,774	-27,292	4,136
EmbeddedBeamRow_1_1	15396	1	4,500	-24,397	-60,996	4,772	-27,292	10,351	0,618	46,667	0,222	-139,955	0,000	-0,433	4,772	-27,292	4,136
Element 1-20 (Embedded beam row)	15397	2	4,500	-24,693	-59,117	4,948	-25,855	10,203	0,565	46,667	0,219	-138,020	0,000	-0,474	4,948	-25,855	4,002
(palo 1500)	15398	3	4,500	-24,989	-57,283	5,106	-24,367	10,047	0,503	46,667	0,215	-136,023	0,000	-0,515	5,106	-24,367	3,856
	15399	4	4,500	-25,285	-55,496	5,244	-22,835	9,885	0,431	46,667	0,212	-133,965	0,000	-0,556	5,244	-22,835	3,698
	15400	5	4,500	-25,580	-53,759	5,362	-21,266	9,715	0,350	46,667	0,208	-131,848	0,000	-0,597	5,362	-21,266	3,527
EmbeddedBeamRow_1_1	15400	1	4,500	-25,580	-53,759	5,359	-21,266	9,715	0,350	46,667	0,208	-131,846	0,000	-0,597	5,359	-21,266	3,527
Element 1-21 (Embedded beam row)	15401	2	4,500	-25,881	-52,048	5,453	-19,643	9,536	0,258	46,667	0,204	-129,632	0,000	-0,638	5,453	-19,643	3,342
(palo 1500)	15402	3	4,500	-26,181	-50,392	5,514	-17,995	9,349	0,155	46,667	0,200	-127,349	0,000	-0,677	5,514	-17,995	3,144
	15403	4	4,500	-26,481	-48,793	5,543	-16,334	9,157	0,040	46,667	0,196	-124,999	0,000	-0,714	5,543	-16,334	2,935

Structural element	Node [10⁻³]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T₁₁ [kN/m/m]	T₂₂ [kN/m/m]	T₁₂ [kN/m/m]	T₁₃	N₁₁ [kN/m]	N₂₂ [kN/m]	Q₁₃ [kN/m]	Q₂₃ [kN/m]	M₁₁ [kN m/m]	M₂₂ [kN m/m]
	15404	5	4,500	-26,781	-47,252	5,539	-14,670	8,960	-0,086	46,667	0,192	-122,581	0,000	-0,748	5,539	-14,670	2,716
EmbeddedBeamRow_1_1	15404	1	4,500	-26,781	-47,252	5,535	-14,670	8,960	-0,086	46,667	0,192	-122,579	0,000	-0,747	5,535	-14,670	2,716
Element 1-22 (Embedded beam row)	15405	2	4,500	-27,086	-45,750	5,490	-12,990	8,751	-0,230	46,667	0,188	-120,053	0,000	-0,777	5,490	-12,990	2,483
(palo 1500)	15406	3	4,500	-27,391	-44,313	5,396	-11,329	8,537	-0,388	46,667	0,183	-117,450	0,000	-0,800	5,396	-11,329	2,243
	15407	4	4,500	-27,695	-42,941	5,250	-9,706	8,316	-0,563	46,667	0,178	-114,773	0,000	-0,815	5,250	-9,706	1,997
	15408	5	4,500	-28,000	-41,638	5,053	-8,135	8,081	-0,756	46,667	0,173	-112,023	0,000	-0,823	5,053	-8,135	1,747
EmbeddedBeamRow_1_1	15408	1	4,500	-28,000	-41,677	5,001	-8,135	8,084	-0,755	46,667	0,173	-112,076	0,000	-0,832	5,001	-8,135	1,747
Element 1-23 (Embedded beam row)	15409	2	4,500	-28,673	-38,993	4,414	-4,944	7,564	-1,231	46,667	0,162	-105,662	0,000	-0,782	4,414	-4,944	1,202
(palo 1500)	15410	3	4,500	-29,345	-36,767	3,352	-2,304	6,980	-1,902	46,667	0,150	-99,042	0,000	-0,683	3,352	-2,304	0,706
	15411	4	4,500	-30,018	-35,052	1,798	-0,545	6,041	-2,694	46,667	0,129	-92,331	0,000	-0,534	1,798	-0,545	0,294
	15412	5	4,500	-30,690	-33,904	-0,264	0,000	4,540	-2,180	46,667	0,097	-85,643	0,000	-0,333	0,000	0,000	0,000
EmbeddedBeamRow_2_1	15413	1	12,300	-5,870	-165,035	-10,334	58,600	0,000	0,000	46,667	0,000	-165,035	0,000	-10,334	0,000	0,000	58,600
Element 2-24 (Embedded beam row)	15414	2	12,300	-6,155	-166,037	-10,136	55,679	0,551	0,681	46,667	0,012	-166,038	0,000	-10,136	0,000	0,000	55,679
(palo 1500)	15415	3	12,300	-6,441	-166,960	-9,942	52,813	0,857	0,709	46,667	0,018	-166,962	0,000	-9,942	0,000	0,000	52,813
	15416	4	12,300	-6,726	-167,808	-9,761	50,001	1,073	0,587	46,667	0,023	-167,812	0,000	-9,761	0,000	0,000	50,001
	15417	5	12,300	-7,012	-168,587	-9,603	47,238	1,234	0,435	46,667	0,026	-168,592	0,000	-9,603	0,000	0,000	47,238
EmbeddedBeamRow_2_1	15417	1	12,300	-7,012	-168,596	-9,613	47,238	1,234	0,435	46,667	0,026	-168,602	0,000	-9,613	0,000	0,000	47,238
Element 2-25 (Embedded beam row)	15418	2	12,300	-7,244	-169,206	-9,528	45,019	1,337	0,259	46,667	0,029	-169,212	0,000	-9,528	0,000	0,000	45,019
(palo 1500)	15419	3	12,300	-7,476	-169,797	-9,492	42,814	1,425	0,055	46,667	0,031	-169,804	0,000	-9,492	0,000	0,000	42,814
	15420	4	12,300	-7,708	-170,370	-9,506	40,610	1,500	-0,172	46,667	0,032	-170,377	0,000	-9,506	0,000	0,000	40,610
	15421	5	12,300	-7,940	-170,923	-9,572	38,399	1,569	-0,427	46,667	0,034	-170,932	0,000	-9,572	0,000	0,000	38,399
EmbeddedBeamRow_2_1	15421	1	12,300	-7,940	-170,927	-9,576	38,399	0,886	-0,255	46,667	0,019	-170,936	0,000	-9,576	0,000	0,000	38,399
Element 2-26 (Embedded beam row)	15422	2	12,300	-8,193	-171,669	-9,658	35,967	1,062	-0,416	46,667	0,023	-171,678	0,000	-9,658	0,000	0,000	35,967
(palo 1500)	15423	3	12,300	-8,446	-172,377	-9,786	33,508	1,208	-0,599	46,667	0,026	-172,386	0,000	-9,786	0,000	0,000	33,508
	15424	4	12,300	-8,699	-173,050	-9,959	31,010	1,328	-0,771	46,667	0,028	-173,060	0,000	-9,959	0,000	0,000	31,010
	15425	5	12,300	-8,952	-173,691	-10,177	28,465	1,419	-0,910	46,667	0,030	-173,702	0,000	-10,177	0,000	0,000	28,465
EmbeddedBeamRow_2_1	15425	1	12,300	-8,952	-173,695	-10,171	28,465	1,417	-0,911	46,667	0,030	-173,706	0,000	-10,171	0,000	0,000	28,465
Element 2-27 (Embedded beam row)	15426	2	12,300	-9,205	-174,319	-10,418	25,861	1,493	-1,006	46,667	0,032	-174,330	0,000	-10,418	0,000	0,000	25,861
(palo 1500)	15427	3	12,300	-9,458	-174,926	-10,680	23,192	1,561	-1,074	46,667	0,033	-174,939	0,000	-10,680	0,000	0,000	23,192
	15428	4	12,300	-9,711	-175,517	-10,957	20,454	1,625	-1,119	46,667	0,035	-175,530	0,000	-10,957	0,000	0,000	20,454
	15429	5	12,300	-9,964	-176,091	-11,247	17,646	1,690	-1,146	46,667	0,036	-176,105	0,000	-11,247	0,000	0,000	17,646
EmbeddedBeamRow_2_1	15429	1	12,300	-9,964	-176,092	-11,239	17,646	1,689	-1,145	46,667	0,036	-176,106	0,000	-11,239	0,000	0,000	17,646
Element 2-28 (Embedded beam row)	15430	2	12,300	-10,217	-176,649	-11,538	14,765	1,748	-1,142	46,667	0,037	-176,664	0,000	-11,538	0,000	0,000	14,765
(palo 1500)	15431	3	12,300	-10,470	-177,194	-11,818	11,810	1,801	-1,086	46,667	0,039	-177,210	0,000	-11,818	0,000	0,000	11,810
	15432	4	12,300	-10,723	-177,726	-12,075	8,786	1,851	-0,957	46,667	0,040	-177,742	0,000	-12,075	0,000	0,000	8,810
	15433	5	12,300	-10,976	-178,244	-12,304	5,702	1,903	-0,756	46,667	0,041	-178,260	0,000	-12,304	0,000	0,000	7,214

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
EmbeddedBeamRow_2_1	15433	1	12,300	-10,976	-178,243	-12,291	5,702	1,903	-0,756	46,667	0,041	-178,259	0,000	-12,291	0,000	0,000	7,214
Element 2-29 (Embedded beam row)	15434	2	12,300	-11,229	-178,750	-12,457	2,571	1,962	-0,484	46,667	0,042	-178,766	0,000	-12,457	0,000	0,000	6,570
(palo 1500)	15435	3	12,300	-11,482	-179,237	-12,537	-0,594	2,035	-0,160	46,667	0,044	-179,253	0,000	-12,537	0,000	-0,594	5,912
	15436	4	12,300	-11,735	-179,705	-12,531	-3,767	2,124	0,204	46,667	0,046	-179,720	0,000	-12,531	0,000	-3,767	5,247
	15437	5	12,300	-11,988	-180,150	-12,435	-6,927	2,233	0,584	46,667	0,048	-180,166	0,000	-12,435	0,000	-6,927	4,578
EmbeddedBeamRow_2_1	15437	1	12,300	-11,988	-180,144	-12,435	-6,927	2,233	0,585	46,667	0,048	-180,160	0,000	-12,435	0,000	-6,927	4,578
Element 2-30 (Embedded beam row)	15438	2	12,300	-12,241	-180,562	-12,234	-10,049	2,365	0,972	46,667	0,051	-180,579	0,000	-12,234	0,000	-10,049	3,911
(palo 1500)	15439	3	12,300	-12,494	-180,935	-11,943	-13,110	2,532	1,334	46,667	0,054	-180,952	0,000	-11,943	0,000	-13,110	3,252
	15440	4	12,300	-12,747	-181,260	-11,565	-16,086	2,745	1,664	46,667	0,059	-181,278	0,000	-11,565	0,000	-16,086	2,608
	15441	5	12,300	-13,000	-181,534	-11,101	-18,954	2,998	2,051	46,667	0,064	-181,552	0,000	-11,101	0,000	-18,954	1,987
EmbeddedBeamRow_2_1	15441	1	12,300	-13,000	-181,531	-11,097	-18,954	4,857	3,299	46,667	0,104	-181,549	0,000	-11,097	0,000	-18,954	1,987
Element 2-31 (Embedded beam row)	15442	2	12,300	-13,241	-181,290	-10,316	-21,533	4,981	3,180	46,667	0,107	-181,310	0,000	-10,316	0,000	-21,533	1,433
(palo 1500)	15443	3	12,300	-13,482	-181,023	-9,564	-23,929	5,094	3,059	46,667	0,109	-181,043	0,000	-9,564	0,000	-23,929	0,924
	15444	4	12,300	-13,723	-180,729	-8,840	-26,146	5,201	2,947	46,667	0,111	-180,751	0,000	-8,840	0,000	-26,146	0,459
	15445	5	12,300	-13,964	-180,409	-8,144	-28,192	5,307	2,842	46,667	0,114	-180,432	0,000	-8,144	0,000	-28,192	0,037
EmbeddedBeamRow_2_1	15445	1	12,300	-13,964	-180,409	-8,143	-28,192	5,307	2,841	46,667	0,114	-180,432	0,000	-8,143	0,000	-28,192	0,037
Element 2-32 (Embedded beam row)	15446	2	12,300	-14,209	-180,058	-7,461	-30,101	5,418	2,736	46,667	0,116	-180,083	0,000	-7,461	0,000	-30,101	0,000
(palo 1500)	15447	3	12,300	-14,453	-179,678	-6,803	-31,847	5,533	2,634	46,667	0,119	-179,705	0,000	-6,803	0,000	-31,847	0,000
	15448	4	12,300	-14,698	-179,270	-6,170	-33,436	5,651	2,536	46,667	0,121	-179,299	0,000	-6,170	0,000	-33,436	0,000
	15449	5	12,300	-14,943	-178,834	-5,561	-34,871	5,772	2,442	46,667	0,124	-178,864	0,000	-5,561	0,000	-34,871	0,000
EmbeddedBeamRow_2_1	15449	1	12,300	-14,943	-178,833	-5,560	-34,871	5,772	2,442	46,667	0,124	-178,863	0,000	-5,560	0,000	-34,871	0,000
Element 2-33 (Embedded beam row)	15450	2	12,300	-15,192	-178,359	-4,965	-36,180	5,899	2,350	46,667	0,126	-178,391	0,000	-4,965	0,000	-36,180	0,000
(palo 1500)	15451	3	12,300	-15,441	-177,852	-4,391	-37,343	6,029	2,263	46,667	0,129	-177,886	0,000	-4,391	0,000	-37,343	0,000
	15452	4	12,300	-15,690	-177,312	-3,838	-38,367	6,163	2,179	46,667	0,132	-177,349	0,000	-3,838	0,000	-38,367	0,000
	15453	5	12,300	-15,938	-176,740	-3,307	-39,255	6,299	2,098	46,667	0,135	-176,778	0,000	-3,307	0,000	-39,255	0,000
EmbeddedBeamRow_2_1	15453	1	12,300	-15,938	-176,739	-3,306	-39,255	6,300	2,098	46,667	0,135	-176,777	0,000	-3,306	0,000	-39,255	0,000
Element 2-34 (Embedded beam row)	15454	2	12,300	-16,191	-176,122	-2,786	-40,025	6,442	2,019	46,667	0,138	-176,163	0,000	-2,786	0,000	-40,025	0,000
(palo 1500)	15455	3	12,300	-16,444	-175,467	-2,285	-40,665	6,588	1,942	46,667	0,141	-175,511	0,000	-2,285	0,023	-40,665	0,000
	15456	4	12,300	-16,697	-174,776	-1,804	-41,182	6,735	1,866	46,667	0,144	-174,822	0,000	-1,804	0,060	-41,182	0,000
	15457	5	12,300	-16,950	-174,048	-1,342	-41,579	6,884	1,791	46,667	0,148	-174,097	0,000	-1,342	0,093	-41,579	0,000
EmbeddedBeamRow_2_1	15457	1	12,300	-16,950	-174,047	-1,342	-41,579	6,884	1,791	46,667	0,148	-174,096	0,000	-1,342	0,093	-41,579	0,000
Element 2-35 (Embedded beam row)	15458	2	12,300	-17,206	-173,269	-0,892	-41,865	7,036	1,713	46,667	0,151	-173,320	0,000	-0,892	0,123	-41,865	0,000
(palo 1500)	15459	3	12,300	-17,463	-172,450	-0,462	-42,039	7,189	1,635	46,667	0,154	-172,505	0,000	-0,463	0,151	-42,039	0,000
	15460	4	12,300	-17,720	-171,592	-0,052	-42,104	7,341	1,557	46,667	0,157	-171,650	0,000	-0,057	0,176	-42,104	0,000
	15461	5	12,300	-17,977	-170,696	0,338	-42,067	7,495	1,479	46,667	0,161	-170,757	0,000	0,000	0,338	-42,067	0,000
EmbeddedBeamRow_2_1	15461	1	12,300	-17,977	-170,696	0,338	-42,067	7,495	1,479	46,667	0,161	-170,756	0,000	0,000	0,338	-42,067	0,000

Structural element	Node [10⁻]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N-- - [kN/m]	N--- [kN/m]	Q-- [kN/m]	Q--- [kN/m]	M-- [kN m/m]	M--- [kN m/m]
Element 2-36 (Embedded beam row)	15462	2	12,300	-18,238	-169,745	0,714	-41,929	7,651	1,399	46,667	0,164	-169,809	0,000	0,000	0,714	-41,929	0,000
(palo 1500)	15463	3	12,300	-18,499	-168,752	1,069	-41,696	7,809	1,321	46,667	0,167	-168,819	0,000	0,000	1,069	-41,696	0,000
	15464	4	12,300	-18,760	-167,718	1,403	-41,373	7,968	1,243	46,667	0,171	-167,788	0,000	0,000	1,403	-41,373	0,000
	15465	5	12,300	-19,021	-166,643	1,717	-40,966	8,129	1,166	46,667	0,174	-166,717	0,000	0,000	1,717	-40,966	0,000
EmbeddedBeamRow_2_1	15465	1	12,300	-19,021	-166,642	1,718	-40,966	8,129	1,166	46,667	0,174	-166,716	0,000	0,000	1,718	-40,966	0,000
Element 2-37 (Embedded beam row)	15466	2	12,300	-19,286	-165,507	2,016	-40,470	8,293	1,090	46,667	0,178	-165,585	0,000	0,000	2,016	-40,470	0,000
(palo 1500)	15467	3	12,300	-19,551	-164,327	2,296	-39,898	8,458	1,016	46,667	0,181	-164,408	0,000	0,000	2,296	-39,898	0,000
	15468	4	12,300	-19,817	-163,103	2,556	-39,254	8,625	0,944	46,667	0,185	-163,188	0,000	0,000	2,556	-39,254	0,000
	15469	5	12,300	-20,082	-161,835	2,796	-38,544	8,794	0,874	46,667	0,188	-161,924	0,000	0,000	2,796	-38,544	0,000
EmbeddedBeamRow_2_1	15469	1	12,300	-20,082	-161,834	2,797	-38,544	8,794	0,874	46,667	0,188	-161,923	0,000	0,000	2,797	-38,544	0,000
Element 2-38 (Embedded beam row)	15470	2	12,300	-20,351	-160,501	3,023	-37,760	8,966	0,806	46,667	0,192	-160,594	0,000	0,000	3,023	-37,760	0,000
(palo 1500)	15471	3	12,300	-20,621	-159,119	3,231	-36,917	9,139	0,741	46,667	0,196	-159,216	0,000	0,000	3,231	-36,917	0,000
	15472	4	12,300	-20,890	-157,691	3,423	-36,020	9,313	0,679	46,667	0,200	-157,792	0,000	0,000	3,423	-36,020	0,000
	15473	5	12,300	-21,160	-156,217	3,597	-35,074	9,488	0,620	46,667	0,203	-156,322	0,000	0,000	3,597	-35,074	0,000
EmbeddedBeamRow_2_1	15473	1	12,300	-21,160	-156,217	3,598	-35,074	9,488	0,620	46,667	0,203	-156,322	0,000	0,000	3,598	-35,074	0,000
Element 2-39 (Embedded beam row)	15474	2	12,300	-21,433	-154,671	3,759	-34,067	9,665	0,562	46,667	0,207	-154,780	0,000	0,000	3,759	-34,067	0,000
(palo 1500)	15475	3	12,300	-21,707	-153,075	3,906	-33,017	9,843	0,507	46,667	0,211	-153,239	0,000	0,000	3,906	-33,017	0,000
	15476	4	12,300	-21,981	-151,430	4,037	-31,929	10,022	0,455	46,667	0,215	-151,662	0,000	0,000	4,037	-31,929	0,000
	15477	5	12,300	-22,255	-149,738	4,154	-30,808	10,201	0,405	46,667	0,219	-150,098	0,000	0,000	4,154	-30,808	0,000
EmbeddedBeamRow_2_1	15477	1	12,300	-22,255	-149,737	4,155	-30,808	10,201	0,405	46,667	0,219	-150,097	0,000	0,000	4,155	-30,808	0,000
Element 2-40 (Embedded beam row)	15478	2	12,300	-22,533	-147,967	4,260	-29,637	10,382	0,356	46,667	0,222	-148,467	0,000	0,000	4,260	-29,637	0,148
(palo 1500)	15479	3	12,300	-22,811	-146,146	4,353	-28,439	10,564	0,309	46,667	0,226	-146,785	0,000	0,000	4,353	-28,439	0,306
	15480	4	12,300	-23,089	-144,274	4,433	-27,216	10,745	0,264	46,667	0,230	-145,052	0,000	0,000	4,433	-27,216	0,459
	15481	5	12,300	-23,367	-142,353	4,500	-25,974	10,927	0,220	46,667	0,234	-143,269	0,000	0,000	4,500	-25,974	0,604
EmbeddedBeamRow_2_1	15481	1	12,300	-23,367	-142,352	4,500	-25,974	10,927	0,220	46,667	0,234	-143,268	0,000	0,000	4,500	-25,974	0,604
Element 2-41 (Embedded beam row)	15482	2	12,300	-23,650	-140,348	4,556	-24,694	11,110	0,176	46,667	0,238	-141,405	0,000	0,000	4,556	-24,694	0,743
(palo 1500)	15483	3	12,300	-23,933	-138,292	4,599	-23,399	11,293	0,133	46,667	0,242	-139,564	0,000	0,000	4,599	-23,399	0,871
	15484	4	12,300	-24,215	-136,184	4,631	-22,094	11,475	0,090	46,667	0,246	-137,675	0,000	0,000	4,631	-22,094	0,987
	15485	5	12,300	-24,498	-134,025	4,650	-20,783	11,657	0,046	46,667	0,250	-135,812	0,000	0,000	4,650	-20,783	1,091
EmbeddedBeamRow_2_1	15485	1	12,300	-24,498	-134,024	4,650	-20,783	11,658	0,046	46,667	0,250	-135,810	0,000	0,000	4,650	-20,783	1,091
Element 2-42 (Embedded beam row)	15486	2	12,300	-24,785	-131,779	4,657	-19,446	11,840	0,002	46,667	0,254	-133,858	0,000	0,000	4,657	-19,446	1,181
(palo 1500)	15487	3	12,300	-25,072	-129,479	4,651	-18,109	12,023	-0,044	46,667	0,258	-131,841	0,000	0,000	4,651	-18,109	1,256
	15488	4	12,300	-25,360	-127,128	4,632	-16,775	12,204	-0,091	46,667	0,262	-129,762	0,000	0,000	4,632	-16,775	1,321
	15489	5	12,300	-25,647	-124,726	4,599	-15,450	12,385	-0,141	46,667	0,265	-127,621	0,000	0,000	4,599	-15,450	1,378
EmbeddedBeamRow_2_1	15489	1	12,300	-25,647	-124,725	4,598	-15,450	12,385	-0,141	46,667	0,265	-127,619	0,000	0,000	4,598	-15,450	1,378
Element 2-43 (Embedded beam row)	15490	2	12,300	-25,939	-122,231	4,550	-14,115	12,566	-0,195	46,667	0,269	-125,377	0,000	0,000	4,550	-14,115	1,416

Structural element	Node [10 ˚]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N-- - [kN/m]	N--- [kN/m]	Q-- [kN/m]	Q--- [kN/m]	M-- [kN m/m]	M--- [kN m/m]
(palo 1500)	15491	3	12,300	-26,230	-119,683	4,484	-12,796	12,745	-0,253	46,667	0,273	-123,066	0,000	-0,012	4,484	-12,796	1,434
	15492	4	12,300	-26,522	-117,084	4,401	-11,499	12,923	-0,317	46,667	0,277	-120,686	0,000	-0,074	4,401	-11,499	1,432
	15493	5	12,300	-26,814	-114,434	4,300	-10,229	13,098	-0,386	46,667	0,281	-118,238	0,000	-0,136	4,300	-10,229	1,409
EmbeddedBeamRow_2_1	15493	1	12,300	-26,814	-114,433	4,298	-10,229	13,098	-0,386	46,667	0,281	-118,236	0,000	-0,135	4,298	-10,229	1,409
Element 2-44 (Embedded beam row)	15494	2	12,300	-27,110	-111,689	4,174	-8,973	13,269	-0,464	46,667	0,284	-115,677	0,000	-0,195	4,174	-8,973	1,365
(palo 1500)	15495	3	12,300	-27,407	-108,894	4,023	-7,757	13,437	-0,552	46,667	0,288	-113,043	0,000	-0,251	4,023	-7,757	1,303
	15496	4	12,300	-27,703	-106,050	3,844	-6,590	13,597	-0,650	46,667	0,291	-110,337	0,000	-0,303	3,844	-6,590	1,222
	15497	5	12,300	-28,000	-103,160	3,638	-5,480	13,744	-0,751	46,667	0,295	-107,561	0,000	-0,355	3,638	-5,480	1,125
EmbeddedBeamRow_2_1	15497	1	12,300	-28,000	-103,252	3,599	-5,480	13,737	-0,750	46,667	0,294	-107,645	0,000	-0,364	3,599	-5,480	1,125
Element 2-45 (Embedded beam row)	15498	2	12,300	-28,673	-96,397	3,067	-3,222	14,044	-1,014	46,667	0,301	-100,951	0,000	-0,422	3,067	-3,222	0,860
(palo 1500)	15499	3	12,300	-29,345	-89,590	2,235	-1,423	14,250	-1,463	46,667	0,305	-94,131	0,000	-0,449	2,235	-1,423	0,564
	15500	4	12,300	-30,018	-82,984	1,106	-0,282	13,444	-1,896	46,667	0,288	-87,340	0,000	-0,430	1,106	-0,282	0,266
	15501	5	12,300	-30,690	-76,734	-0,316	0,000	10,306	-0,823	46,667	0,221	-80,731	0,000	-0,347	0,000	0,000	0,000

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PLAXIS Report

1.1.1.1.1 Materials - Soil and interfaces - Hardening Soil

Identification number		1	2	4	5
Identification		STRATO B	STRATO C	STRATO A	STRATO A'
Soil model		Hardening Soil	Hardening Soil	Hardening Soil	Hardening Soil
Drainage type		Undrained B	Undrained B	Undrained B	Drained
Colour					
Comments					
γ_unsat	kN/m³	18,50	18,50	18,50	18,50
γ_sat	kN/m³	19,00	19,00	19,00	19,00
e_init		0,5000	0,5000	0,5000	0,5000
n_init		0,3333	0,3333	0,3333	0,3333
Input method		Direct	Direct	Direct	Direct
Rayleigh α		0,000	0,000	0,000	0,000
Rayleigh β		0,000	0,000	0,000	0,000
Identification number		1	2	4	5
Identification		STRATO B	STRATO C	STRATO A	STRATO A'
Soil model		Hardening Soil	Hardening Soil	Hardening Soil	Hardening Soil
Drainage type		Undrained B	Undrained B	Undrained B	Drained
Colour					
Comments					
E_50^ref	kN/m²	30,00E3	45,00E3	5000	5000
E_oed^ref	kN/m²	30,00E3	45,00E3	7500	5000
E_ur^ref	kN/m²	90,00E3	135,0E3	22,50E3	15,00E3
ν_ur		0,2000	0,2000	0,2000	0,2000
Use defaults		True	True	True	True

Identification number		1	2	4	5
K_0^nc		1,000	1,000	1,000	0,7412
R_f		0,9000	0,9000	0,9000	0,9000
Determination		ν-undrained definition	ν-undrained definition	ν-undrained definition	ν-undrained definition
ν_u definition method		Direct	Direct	Direct	Direct
ν_u,equivalent (nu)		0,4950	0,4950	0,4950	0,4950
Skempton B		0,9866	0,9866	0,9866	0,9866
K_w,ref/n	kN/m²	3,687E6	5,531E6	921,9E3	614,6E3
Identification number		1	2	4	5
Identification		STRATO B	STRATO C	STRATO A	STRATO A'
Soil model		Hardening Soil	Hardening Soil	Hardening Soil	Hardening Soil
Drainage type		Undrained B	Undrained B	Undrained B	Drained
Colour					
Comments					
Classification type		Standard	Standard	Standard	Standard
Soil class (Standard)		Coarse	Coarse	Coarse	Coarse
< 2 µm	%	10,00	10,00	10,00	10,00
2 µm - 50 µm	%	13,00	13,00	13,00	13,00
50 µm - 2 mm	%	77,00	77,00	77,00	77,00
Identification number		1	2	4	5
Identification		STRATO B	STRATO C	STRATO A	STRATO A'
Soil model		Hardening Soil	Hardening Soil	Hardening Soil	Hardening Soil
Drainage type		Undrained B	Undrained B	Undrained B	Drained
Colour					
Comments					
c_s	kJ/t/K	0,000	0,000	0,000	0,000
λ_s	kW/m/K	0,000	0,000	0,000	0,000

Identification number		1	2	4	5
ρ_s	t/m³	0,000	0,000	0,000	0,000
Thermal expansion type		Isotropic	Isotropic	Isotropic	Isotropic
α_sv	1/K	0,000	0,000	0,000	0,000
Phase change		False	False	False	False
D_v	m²/day	0,000	0,000	0,000	0,000
f_Tv		0,000	0,000	0,000	0,000
Identification number		1	2	4	5
Identification		STRATO B	STRATO C	STRATO A	STRATO A'
Soil model		Hardening Soil	Hardening Soil	Hardening Soil	Hardening Soil
Drainage type		Undrained B	Undrained B	Undrained B	Drained
Colour					
Comments					
Stiffness determination		Derived	Derived	Derived	Derived
Strength determination		Manual	Manual	Manual	Manual
R_inter		0,6600	0,6600	0,6600	0,6600
Consider gap closure		True	True	True	True
δ_inter	m	0,000	0,000	0,000	0,000
Cross permeability		Impermeable	Impermeable	Impermeable	Impermeable
Drainage conductivity, dk	m³/day/m	0,000	0,000	0,000	0,000
R_thermal	m² K/kW	0,000	0,000	0,000	0,000
Identification number		1	2	4	5
Identification		STRATO B	STRATO C	STRATO A	STRATO A'
Soil model		Hardening Soil	Hardening Soil	Hardening Soil	Hardening Soil
Drainage type		Undrained B	Undrained B	Undrained B	Drained
Colour					
Comments					

Identification number		1	2	4	5
K_0 determination		Automatic	Automatic	Automatic	Automatic
K_0,x		1,000	1,000	1,000	0,7412
K_0,z		1,000	1,000	1,000	0,7412
POP	kN/m²	0,000	0,000	0,000	0,000
OCR		1,000	1,000	1,000	1,000

1.1.1.1.2 Materials - Soil and interfaces - Mohr-Coulomb

Identification number		3
Identification		RIPORTO
Soil model		Mohr-Coulomb
Drainage type		Drained
Colour		
Comments		
γ_unsat	kN/m³	0,1000
γ_sat	kN/m³	0,1000
e_init		0,5000
n_init		0,3333
Input method		Direct
Rayleigh α		0,000
Rayleigh β		0,000
Identification number		3
Identification		RIPORTO
Soil model		Mohr-Coulomb
Drainage type		Drained
Colour		
Comments		
E'_ref	kN/m²	50,00E3
ν (nu)		0,3000
Determination		ν-undrained definition
ν_u definition method		Direct
ν_u,equivalent (nu)		0,4950

Identification number		3
Skempton B		0,9783
K_w,ref/n	kN/m²	1,875E6
Identification number		3
Identification		RIPORTO
Soil model		Mohr-Coulomb
Drainage type		Drained
Colour		
Comments		
Classification type		Standard
Soil class (Standard)		Coarse
< 2 µm	%	10,00
2 µm - 50 µm	%	13,00
50 µm - 2 mm	%	77,00
Identification number		3
Identification		RIPORTO
Soil model		Mohr-Coulomb
Drainage type		Drained
Colour		
Comments		
c_s	kJ/t/K	0,000
λ_s	kW/m/K	0,000
ρ_s	t/m³	0,000
Thermal expansion type		Isotropic
α_sv	1/K	0,000
Phase change		False
D_v	m²/day	0,000

Identification number		3
f_Tv		0,000
Identification number		3
Identification		RIPORTO
Soil model		Mohr-Coulomb
Drainage type		Drained
Colour		
Comments		
Stiffness determination		Derived
Strength determination		Manual
R_inter		0,6600
Consider gap closure		True
Cross permeability		Impermeable
Drainage conductivity, dk	m^3/day/m	0,000
R_thermal	m^2 K/kW	0,000
Identification number		3
Identification		RIPORTO
Soil model		Mohr-Coulomb
Drainage type		Drained
Colour		
Comments		
K_0 determination		Automatic
K_0,x		0,3843
K_0,z		0,3843

1.1.1.2 Materials - Plates

Identification number		1	2
Identification		Paratia 800	PLINTO
Material type		Elastic	Elastic
Colour			
Comments			
w	kN/m/m	2,740	50,00
Input method		Direct	Direct
Rayleigh α		0,000	0,000
Rayleigh β		0,000	0,000
Prevent punching		False	False
Identification number		1	2
Identification		Paratia 800	PLINTO
Material type		Elastic	Elastic
Colour			
Comments			
Isotropic		True	True
Identification number		1	2
Identification		Paratia 800	PLINTO
Material type		Elastic	Elastic
Colour			
Comments			
c	kJ/t/K	0,000	0,000
λ	kW/m/K	0,000	0,000
ρ	t/m^3	0,000	0,000
α	1/K	0,000	0,000

Identification number		1	2
A_eff,T	m²	0,000	0,000

1.1.1.3 Materials - Geogrids

Identification number		1
Identification		Tirante
Material type		Elastic
Colour		
Comments		i=3.3 m
Identification number		1
Identification		Tirante
Material type		Elastic
Colour		
Comments		i=3.3 m
Isotropic		False
Identification number		1
Identification		Tirante
Material type		Elastic
Colour		
Comments		i=3.3 m
c	kJ/t/K	0,000
λ	kW/m/K	0,000
ρ	t/m³	0,000
α	1/K	0,000
A_eff,T	m²	0,000

1.1.1.4 Materials - Anchors

Identification number		1
Identification		tiranti
Material type		Elastic
Colour		
Comments		tubolari 139-8.8
Identification number		1
Identification		tiranti
Material type		Elastic
Colour		
Comments		tubolari 139-8.8
L_spacing	m	2,200
Identification number		1
Identification		tiranti
Material type		Elastic
Colour		
Comments		tubolari 139-8.8
c	kJ/t/K	0,000
λ	kW/m/K	0,000
ρ	t/m³	0,000
α	1/K	0,000
A_eff,T	m²	0,000

1.1.1.5 Materials - Embedded beams

Identification number		1
Identification		palo 1500
Material type		Elastic
Colour		
Comments		
γ	kN/m³	10,00
Input method		Direct
Rayleigh α		0,000
Rayleigh β		0,000
Identification number		1
Identification		palo 1500
Material type		Elastic
Colour		
Comments		
L_spacing	m	4,500
Cross section type		Predefined
Predefined cross section type		Solid circular beam
Diameter	m	1,500
A	m²	1,767
I	m⁴	0,2485
Axial skin resistance		Linear
T_skin, start, max	kN/m	210,0
T_skin, end, max	kN/m	210,0
Lateral resistance		Unlimited
F_max	kN	2078

Identification number	1
Default values	True
Axial stiffness factor	1,097
Lateral stiffness factor	1,097
Base stiffness factor	10,97

3.1.1.1.2 Calculation results, Plate, paratia [Phase_1] (1/8), Table of plate force envelopes

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_1	361	1	0,000	-0,500	0,000	0,000	0,000	-0,028	-0,028	0,000	0,000	0,000	0,000
Element 1-1 (Plate)	360	2	0,000	-0,625	-0,271	-0,271	0,000	-0,071	-0,071	0,000	-0,007	-0,007	0,000
(Paratia 800)	359	3	0,000	-0,750	-0,544	-0,544	0,000	-0,075	-0,075	0,000	-0,016	-0,016	0,000
	358	4	0,000	-0,875	-0,818	-0,818	0,000	-0,052	-0,052	0,000	-0,024	-0,024	0,000
	357	5	0,000	-1,000	-1,092	-1,092	0,000	-0,013	-0,013	0,002	-0,029	-0,029	0,000
Plate_1_2	357	1	0,000	-1,000	-1,092	-1,092	0,000	-0,020	-0,020	0,000	-0,029	-0,029	0,000
Element 2-2 (Plate)	168	2	0,000	-1,250	-1,643	-1,643	0,000	0,045	0,000	0,045	-0,025	-0,025	0,000
(Paratia 800)	167	3	0,000	-1,500	-2,197	-2,197	0,000	0,095	0,000	0,095	-0,007	-0,007	0,005
	166	4	0,000	-1,750	-2,752	-2,752	0,000	0,127	0,000	0,127	0,021	0,000	0,026
	189	5	0,000	-2,000	-3,310	-3,310	0,000	0,139	0,000	0,139	0,055	0,000	0,056
Plate_1_3	189	1	0,000	-2,000	-3,310	-3,310	0,000	0,137	0,000	0,137	0,055	0,000	0,056
Element 3-3 (Plate)	192	2	0,000	-2,125	-3,589	-3,589	0,000	0,133	0,000	0,133	0,072	0,000	0,072
(Paratia 800)	191	3	0,000	-2,250	-3,869	-3,869	0,000	0,121	0,000	0,121	0,087	0,000	0,087
	190	4	0,000	-2,375	-4,148	-4,148	0,000	0,102	0,000	0,103	0,102	0,000	0,102
	209	5	0,000	-2,500	-4,429	-4,429	0,000	0,077	0,000	0,085	0,113	0,000	0,113
Plate_1_4	209	1	0,000	-2,500	-4,429	-4,429	0,000	0,078	0,000	0,086	0,113	0,000	0,113
Element 4-4 (Plate)	212	2	0,000	-2,750	-4,990	-4,990	0,000	0,005	0,000	0,032	0,124	0,000	0,127
(Paratia 800)	211	3	0,000	-3,000	-5,552	-5,552	0,000	-0,085	-0,085	0,001	0,114	0,000	0,127
	210	4	0,000	-3,250	-6,115	-6,115	0,000	-0,193	-0,193	0,000	0,079	0,000	0,107
	229	5	0,000	-3,500	-6,679	-6,679	0,000	-0,315	-0,315	0,000	0,016	0,000	0,065
Plate_1_5	229	1	0,000	-3,500	-6,679	-6,679	0,000	-0,314	-0,314	0,000	0,016	0,000	0,065
Element 5-5 (Plate)	232	2	0,000	-3,673	-7,069	-7,069	0,000	-0,405	-0,405	0,000	-0,046	-0,046	0,045
(Paratia 800)	231	3	0,000	-3,845	-7,458	-7,458	0,000	-0,499	-0,499	0,000	-0,124	-0,124	0,021
	230	4	0,000	-4,018	-7,848	-7,848	0,000	-0,595	-0,595	0,000	-0,218	-0,218	0,000
	249	5	0,000	-4,190	-8,238	-8,238	0,000	-0,692	-0,692	0,000	-0,329	-0,329	0,000
Plate_1_6	249	1	0,000	-4,190	-8,238	-8,238	0,000	-0,692	-0,692	0,000	-0,329	-0,329	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Element 6-6 (Plate)	252	2	0,000	-4,268	-8,413	-8,413	0,000	-0,735	-0,735	0,000	-0,384	-0,384	0,000
(Paratia 800)	251	3	0,000	-4,345	-8,589	-8,589	0,000	-0,777	-0,777	0,000	-0,443	-0,443	0,000
	250	4	0,000	-4,423	-8,764	-8,764	0,000	-0,818	-0,818	0,000	-0,505	-0,505	0,000
	448	5	0,000	-4,500	-8,940	-8,940	0,000	-0,859	-0,859	0,000	-0,569	-0,569	0,000
Plate_1_7	448	1	0,000	-4,500	-8,940	-8,940	0,000	-0,858	-0,858	0,000	-0,569	-0,569	0,000
Element 7-7 (Plate)	451	2	0,000	-4,611	-9,191	-9,191	0,000	-0,914	-0,914	0,000	-0,668	-0,668	0,000
(Paratia 800)	450	3	0,000	-4,722	-9,443	-9,443	0,000	-0,964	-0,964	0,000	-0,772	-0,772	0,000
	449	4	0,000	-4,834	-9,695	-9,695	0,000	-1,010	-1,010	0,000	-0,882	-0,882	0,000
	468	5	0,000	-4,945	-9,947	-9,947	0,000	-1,049	-1,049	0,000	-0,997	-0,997	0,000
Plate_1_7	468	1	0,000	-4,945	-9,947	-9,947	0,000	-1,049	-1,049	0,000	-0,997	-0,997	0,000
Element 7-8 (Plate)	471	2	0,000	-5,025	-10,129	-10,129	0,000	-1,072	-1,072	0,000	-1,082	-1,082	0,000
(Paratia 800)	470	3	0,000	-5,106	-10,312	-10,312	0,000	-1,091	-1,091	0,000	-1,169	-1,169	0,000
	469	4	0,000	-5,186	-10,495	-10,495	0,000	-1,103	-1,103	0,000	-1,258	-1,258	0,000
	491	5	0,000	-5,267	-10,678	-10,678	0,000	-1,110	-1,110	0,000	-1,347	-1,347	0,000
Plate_1_7	491	1	0,000	-5,267	-10,678	-10,678	0,000	-1,109	-1,109	0,000	-1,347	-1,347	0,000
Element 7-9 (Plate)	490	2	0,000	-5,325	-10,810	-10,810	0,000	-1,109	-1,109	0,000	-1,411	-1,411	0,000
(Paratia 800)	489	3	0,000	-5,383	-10,943	-10,943	0,000	-1,105	-1,105	0,000	-1,476	-1,476	0,000
	488	4	0,000	-5,442	-11,076	-11,076	0,000	-1,095	-1,095	0,000	-1,540	-1,540	0,000
	502	5	0,000	-5,500	-11,209	-11,209	0,000	-1,082	-1,082	0,000	-1,604	-1,604	0,000
Plate_1_8	502	1	0,000	-5,500	-11,209	-11,209	0,000	-1,083	-1,083	0,000	-1,604	-1,604	0,000
Element 8-10 (Plate)	505	2	0,000	-5,512	-11,238	-11,238	0,000	-1,080	-1,080	0,000	-1,617	-1,617	0,000
(Paratia 800)	504	3	0,000	-5,525	-11,266	-11,266	0,000	-1,077	-1,077	0,000	-1,631	-1,631	0,000
	503	4	0,000	-5,537	-11,295	-11,295	0,000	-1,075	-1,075	0,000	-1,644	-1,644	0,000
	804	5	0,000	-5,550	-11,323	-11,323	0,000	-1,073	-1,073	0,000	-1,658	-1,658	0,000
Plate_1_9	804	1	0,000	-5,550	-11,332	-11,332	0,000	-1,077	-1,077	0,000	-1,658	-1,658	0,000
Element 9-11 (Plate)	807	2	0,000	-5,586	-11,333	-11,333	0,000	-0,985	-0,985	0,000	-1,695	-1,695	0,000
(Paratia 800)	806	3	0,000	-5,622	-11,335	-11,335	0,000	-0,900	-0,900	0,000	-1,729	-1,729	0,000
	805	4	0,000	-5,658	-11,337	-11,337	0,000	-0,820	-0,820	0,000	-1,760	-1,760	0,000
	1242	5	0,000	-5,694	-11,340	-11,340	0,000	-0,746	-0,746	0,000	-1,788	-1,788	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_10	1242	1	0,000	-5,694	-11,340	-11,340	0,000	-0,745	-0,745	0,000	-1,788	-1,788	0,000
Element 10-12 (Plate)	1245	2	0,000	-5,738	-11,344	-11,344	0,000	-0,657	-0,657	0,000	-1,819	-1,819	0,000
(Paratia 800)	1244	3	0,000	-5,782	-11,349	-11,349	0,000	-0,574	-0,574	0,000	-1,846	-1,846	0,000
	1243	4	0,000	-5,826	-11,354	-11,354	0,000	-0,495	-0,495	0,000	-1,869	-1,869	0,000
	1514	5	0,000	-5,870	-11,360	-11,360	0,000	-0,420	-0,420	0,000	-1,889	-1,889	0,000
Plate_1_11	1514	1	0,000	-5,870	-11,360	-11,360	0,000	-0,420	-0,420	0,000	-1,889	-1,889	0,000
Element 12-26 (Plate)	1517	2	0,000	-5,932	-11,369	-11,369	0,000	-0,320	-0,320	0,000	-1,912	-1,912	0,000
(Paratia 800)	1516	3	0,000	-5,994	-11,379	-11,379	0,000	-0,228	-0,228	0,000	-1,929	-1,929	0,000
	1515	4	0,000	-6,056	-11,390	-11,390	0,000	-0,142	-0,142	0,000	-1,941	-1,941	0,000
	1766	5	0,000	-6,118	-11,401	-11,401	0,000	-0,064	-0,070	0,000	-1,947	-1,947	0,000
Plate_1_11	1766	1	0,000	-6,118	-11,401	-11,401	0,000	-0,064	-0,069	0,000	-1,947	-1,947	0,000
Element 12-27 (Plate)	1769	2	0,000	-6,192	-11,416	-11,416	0,000	0,020	-0,020	0,020	-1,948	-1,948	0,000
(Paratia 800)	1768	3	0,000	-6,265	-11,431	-11,431	0,000	0,096	0,000	0,096	-1,944	-1,944	0,000
	1767	4	0,000	-6,338	-11,448	-11,448	0,000	0,163	0,000	0,163	-1,935	-1,935	0,000
	2084	5	0,000	-6,412	-11,465	-11,465	0,000	0,222	0,000	0,222	-1,920	-1,920	0,000
Plate_1_11	2084	1	0,000	-6,412	-11,465	-11,465	0,000	0,222	0,000	0,222	-1,920	-1,920	0,000
Element 12-28 (Plate)	2087	2	0,000	-6,498	-11,486	-11,486	0,000	0,281	0,000	0,281	-1,899	-1,899	0,000
(Paratia 800)	2086	3	0,000	-6,584	-11,508	-11,508	0,000	0,330	0,000	0,330	-1,872	-1,872	0,000
	2085	4	0,000	-6,671	-11,531	-11,531	0,000	0,369	0,000	0,369	-1,842	-1,842	0,000
	2440	5	0,000	-6,757	-11,554	-11,554	0,000	0,399	0,000	0,399	-1,809	-1,809	0,000
Plate_1_11	2440	1	0,000	-6,757	-11,554	-11,554	0,000	0,400	0,000	0,400	-1,809	-1,809	0,000
Element 12-29 (Plate)	2441	2	0,000	-6,859	-11,583	-11,583	0,000	0,426	0,000	0,426	-1,766	-1,766	0,000
(Paratia 800)	2442	3	0,000	-6,961	-11,613	-11,613	0,000	0,445	0,000	0,445	-1,722	-1,722	0,000
	2443	4	0,000	-7,063	-11,643	-11,643	0,000	0,458	0,000	0,458	-1,676	-1,676	0,000
	2830	5	0,000	-7,165	-11,675	-11,675	0,000	0,464	0,000	0,464	-1,629	-1,629	0,000
Plate_1_11	2830	1	0,000	-7,165	-11,675	-11,675	0,000	0,465	0,000	0,465	-1,629	-1,629	0,000
Element 12-30 (Plate)	2831	2	0,000	-7,286	-11,712	-11,712	0,000	0,468	0,000	0,468	-1,573	-1,573	0,000
(Paratia 800)	2832	3	0,000	-7,406	-11,750	-11,750	0,000	0,466	0,000	0,466	-1,516	-1,516	0,000
	2833	4	0,000	-7,527	-11,789	-11,789	0,000	0,460	0,000	0,460	-1,461	-1,461	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	3320	5	0,000	-7,647	-11,828	-11,828	0,000	0,450	0,000	0,450	-1,406	-1,406	0,000
Plate_1_11	3320	1	0,000	-7,647	-11,828	-11,828	0,000	0,451	0,000	0,451	-1,406	-1,406	0,000
Element 12-31 (Plate)	3321	2	0,000	-7,789	-11,874	-11,874	0,000	0,435	0,000	0,435	-1,343	-1,343	0,000
(Paratia 800)	3322	3	0,000	-7,931	-11,921	-11,921	0,000	0,418	0,000	0,418	-1,282	-1,282	0,000
	3323	4	0,000	-8,073	-11,968	-11,968	0,000	0,398	0,000	0,398	-1,224	-1,224	0,000
	3792	5	0,000	-8,215	-12,015	-12,015	0,000	0,376	0,000	0,376	-1,169	-1,169	0,000
Plate_1_11	3792	1	0,000	-8,215	-12,015	-12,015	0,000	0,376	0,000	0,376	-1,169	-1,169	0,000
Element 12-32 (Plate)	3795	2	0,000	-8,383	-12,071	-12,071	0,000	0,349	0,000	0,349	-1,109	-1,109	0,000
(Paratia 800)	3794	3	0,000	-8,550	-12,127	-12,127	0,000	0,321	0,000	0,321	-1,052	-1,052	0,000
	3793	4	0,000	-8,718	-12,182	-12,182	0,000	0,294	0,000	0,294	-1,001	-1,001	0,000
	4000	5	0,000	-8,886	-12,238	-12,238	0,000	0,266	0,000	0,266	-0,954	-0,954	0,000
Plate_1_11	4000	1	0,000	-8,886	-12,238	-12,238	0,000	0,267	0,000	0,267	-0,954	-0,954	0,000
Element 12-33 (Plate)	4001	2	0,000	-9,083	-12,303	-12,303	0,000	0,236	0,000	0,236	-0,904	-0,904	0,000
(Paratia 800)	4002	3	0,000	-9,281	-12,367	-12,367	0,000	0,209	0,000	0,209	-0,860	-0,860	0,000
	4003	4	0,000	-9,479	-12,432	-12,432	0,000	0,184	0,000	0,184	-0,821	-0,821	0,000
	4562	5	0,000	-9,677	-12,496	-12,496	0,000	0,163	0,000	0,163	-0,787	-0,787	0,000
Plate_1_11	4562	1	0,000	-9,677	-12,497	-12,497	0,000	0,163	0,000	0,163	-0,787	-0,787	0,000
Element 12-34 (Plate)	4563	2	0,000	-9,910	-12,572	-12,572	0,000	0,141	0,000	0,141	-0,752	-0,752	0,000
(Paratia 800)	4564	3	0,000	-10,143	-12,649	-12,649	0,000	0,122	0,000	0,122	-0,721	-0,721	0,000
	4565	4	0,000	-10,377	-12,729	-12,729	0,000	0,103	0,000	0,103	-0,695	-0,695	0,000
	5222	5	0,000	-10,610	-12,812	-12,812	0,000	0,085	0,000	0,085	-0,673	-0,673	0,000
Plate_1_12	5222	1	0,000	-10,610	-12,814	-12,814	0,000	0,083	0,000	0,083	-0,673	-0,673	0,000
Element 13-35 (Plate)	5223	2	0,000	-10,857	-12,624	-12,624	0,000	0,113	0,000	0,113	-0,648	-0,648	0,000
(Paratia 800)	5224	3	0,000	-11,104	-12,438	-12,438	0,000	0,126	0,000	0,126	-0,619	-0,619	0,000
	5225	4	0,000	-11,351	-12,256	-12,256	0,000	0,128	0,000	0,128	-0,587	-0,587	0,000
	5528	5	0,000	-11,598	-12,077	-12,077	0,000	0,127	0,000	0,127	-0,556	-0,556	0,000
Plate_1_12	5528	1	0,000	-11,598	-12,076	-12,076	0,000	0,128	0,000	0,128	-0,556	-0,556	0,000
Element 13-36 (Plate)	5529	2	0,000	-11,852	-11,892	-11,892	0,000	0,125	0,000	0,125	-0,523	-0,523	0,000
(Paratia 800)	5530	3	0,000	-12,106	-11,706	-11,706	0,000	0,121	0,000	0,121	-0,492	-0,492	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	5531	4	0,000	-12,359	-11,519	-11,519	0,000	0,117	0,000	0,117	-0,462	-0,462	0,000
	6014	5	0,000	-12,613	-11,330	-11,330	0,000	0,112	0,000	0,112	-0,433	-0,433	0,000
Plate_1_12	6014	1	0,000	-12,613	-11,329	-11,329	0,000	0,112	0,000	0,112	-0,433	-0,433	0,000
Element 13-37 (Plate)	6015	2	0,000	-12,873	-11,133	-11,133	0,000	0,106	0,000	0,106	-0,405	-0,405	0,000
(Paratia 800)	6016	3	0,000	-13,133	-10,931	-10,931	0,000	0,101	0,000	0,101	-0,378	-0,378	0,000
	6017	4	0,000	-13,394	-10,726	-10,726	0,000	0,097	0,000	0,097	-0,352	-0,352	0,000
	6442	5	0,000	-13,654	-10,516	-10,516	0,000	0,094	0,000	0,094	-0,327	-0,327	0,000
Plate_1_12	6442	1	0,000	-13,654	-10,515	-10,515	0,000	0,094	0,000	0,094	-0,327	-0,327	0,000
Element 13-38 (Plate)	6443	2	0,000	-13,921	-10,294	-10,294	0,000	0,091	0,000	0,091	-0,303	-0,303	0,000
(Paratia 800)	6444	3	0,000	-14,188	-10,066	-10,066	0,000	0,090	0,000	0,090	-0,278	-0,278	0,000
	6445	4	0,000	-14,455	-9,831	-9,831	0,000	0,090	0,000	0,090	-0,254	-0,254	0,000
	6992	5	0,000	-14,722	-9,589	-9,589	0,000	0,092	0,000	0,092	-0,230	-0,230	0,000
Plate_1_12	6992	1	0,000	-14,722	-9,588	-9,588	0,000	0,092	0,000	0,092	-0,230	-0,230	0,000
Element 13-39 (Plate)	6993	2	0,000	-14,996	-9,331	-9,331	0,000	0,095	0,000	0,095	-0,204	-0,204	0,000
(Paratia 800)	6994	3	0,000	-15,271	-9,063	-9,063	0,000	0,100	0,000	0,100	-0,178	-0,178	0,000
	6995	4	0,000	-15,545	-8,785	-8,785	0,000	0,104	0,000	0,104	-0,150	-0,150	0,000
	7644	5	0,000	-15,819	-8,496	-8,496	0,000	0,110	0,000	0,110	-0,120	-0,120	0,012
Plate_1_12	7644	1	0,000	-15,819	-8,495	-8,495	0,000	0,109	0,000	0,109	-0,120	-0,120	0,012
Element 13-40 (Plate)	7645	2	0,000	-16,100	-8,186	-8,186	0,000	0,115	0,000	0,115	-0,089	-0,089	0,024
(Paratia 800)	7646	3	0,000	-16,381	-7,862	-7,862	0,000	0,118	0,000	0,118	-0,056	-0,056	0,037
	7647	4	0,000	-16,663	-7,522	-7,522	0,000	0,118	0,000	0,118	-0,023	-0,023	0,048
	8054	5	0,000	-16,944	-7,166	-7,166	0,000	0,114	0,000	0,114	0,010	0,000	0,057
Plate_1_12	8054	1	0,000	-16,944	-7,164	-7,164	0,000	0,113	0,000	0,113	0,010	0,000	0,057
Element 13-41 (Plate)	8055	2	0,000	-17,233	-6,781	-6,781	0,000	0,101	0,000	0,101	0,041	0,000	0,080
(Paratia 800)	8056	3	0,000	-17,521	-6,375	-6,375	0,000	0,083	0,000	0,083	0,068	0,000	0,098
	8057	4	0,000	-17,810	-5,945	-5,945	0,000	0,060	0,000	0,060	0,088	0,000	0,111
	8538	5	0,000	-18,099	-5,491	-5,491	0,000	0,035	-0,007	0,035	0,102	0,000	0,118
Plate_1_12	8538	1	0,000	-18,099	-5,487	-5,487	0,000	0,036	-0,007	0,036	0,102	0,000	0,118
Element 13-42 (Plate)	8539	2	0,000	-18,395	-4,992	-4,992	0,000	0,010	-0,017	0,010	0,109	0,000	0,118

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
(Paratia 800)	8540	3	0,000	-18,691	-4,457	-4,457	0,000	-0,018	-0,032	0,000	0,108	0,000	0,112
	8541	4	0,000	-18,988	-3,882	-3,882	0,000	-0,044	-0,053	0,000	0,099	0,000	0,099
	9120	5	0,000	-19,284	-3,266	-3,266	0,000	-0,066	-0,070	0,000	0,082	0,000	0,082
Plate_1_12	9120	1	0,000	-19,284	-3,254	-3,254	0,000	-0,078	-0,078	0,000	0,082	0,000	0,082
Element 13-43 (Plate)	9121	2	0,000	-19,588	-2,575	-2,575	0,000	-0,072	-0,075	0,000	0,060	0,000	0,060
(Paratia 800)	9122	3	0,000	-19,892	-1,814	-1,814	0,000	-0,076	-0,077	0,000	0,037	0,000	0,037
	9123	4	0,000	-20,196	-0,963	-0,963	0,000	-0,067	-0,067	0,000	0,015	0,000	0,015
	9124	5	0,000	-20,500	-0,018	-0,018	0,000	-0,025	-0,025	0,005	0,000	0,000	0,000

3.1.1.1.3 Calculation results, Plate, scavo [Phase_2] (2/11), Table of plate force envelopes

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_1	361	1	0,000	-0,500	0,013	0,000	0,013	-0,171	-0,171	0,043	0,000	0,000	0,000
Element 1-1 (Plate)	360	2	0,000	-0,625	-1,113	-1,113	0,000	3,629	-0,071	3,629	0,225	-0,007	0,225
(Paratia 800)	359	3	0,000	-0,750	-2,249	-2,249	0,000	6,556	-0,075	6,556	0,871	-0,016	0,871
	358	4	0,000	-0,875	-3,396	-3,396	0,000	8,603	-0,052	8,603	1,828	-0,024	1,828
	357	5	0,000	-1,000	-4,551	-4,551	0,000	9,766	-0,013	9,766	2,985	-0,029	2,985
Plate_1_2	357	1	0,000	-1,000	-4,554	-4,554	0,000	9,924	-0,020	9,924	2,985	-0,029	2,985
Element 2-2 (Plate)	168	2	0,000	-1,250	-6,896	-6,896	0,000	10,953	0,000	10,953	5,614	-0,025	5,614
(Paratia 800)	167	3	0,000	-1,500	-9,298	-9,298	0,000	11,049	0,000	11,049	8,383	-0,007	8,383
	166	4	0,000	-1,750	-11,761	-11,761	0,000	10,231	0,000	10,231	11,063	0,000	11,063
	189	5	0,000	-2,000	-14,285	-14,285	0,000	8,519	0,000	8,519	13,425	0,000	13,425
Plate_1_3	189	1	0,000	-2,000	-14,289	-14,289	0,000	8,525	0,000	8,525	13,425	0,000	13,425
Element 3-3 (Plate)	192	2	0,000	-2,125	-15,580	-15,580	0,000	7,343	0,000	7,343	14,419	0,000	14,419
(Paratia 800)	191	3	0,000	-2,250	-16,893	-16,893	0,000	5,944	0,000	5,999	15,251	0,000	15,251
	190	4	0,000	-2,375	-18,225	-18,225	0,000	4,328	0,000	4,852	15,896	0,000	15,896
	209	5	0,000	-2,500	-19,577	-19,577	0,000	2,496	0,000	3,535	16,325	0,000	16,325
Plate_1_4	209	1	0,000	-2,500	-19,580	-19,580	0,000	2,497	0,000	3,536	16,325	0,000	16,325
Element 4-4 (Plate)	212	2	0,000	-2,750	-22,348	-22,348	0,000	-1,823	-1,823	1,349	16,427	0,000	16,427
(Paratia 800)	211	3	0,000	-3,000	-25,212	-25,212	0,000	-7,010	-7,010	0,001	15,340	0,000	15,340
	210	4	0,000	-3,250	-28,169	-28,169	0,000	-13,066	-13,066	0,000	12,849	0,000	12,849
	229	5	0,000	-3,500	-31,220	-31,220	0,000	-19,994	-19,994	0,000	8,735	0,000	10,060
Plate_1_5	229	1	0,000	-3,500	-31,222	-31,222	0,000	-19,993	-19,993	0,000	8,735	0,000	10,060
Element 5-5 (Plate)	232	2	0,000	-3,673	-33,386	-33,386	0,000	-25,280	-25,280	0,000	4,838	-0,046	7,463
(Paratia 800)	231	3	0,000	-3,845	-35,598	-35,598	0,000	-30,984	-30,984	0,000	-0,011	-0,124	4,671
	230	4	0,000	-4,018	-37,857	-37,857	0,000	-37,102	-37,102	0,000	-5,878	-5,878	2,756
	249	5	0,000	-4,190	-40,162	-40,162	0,000	-43,628	-43,628	0,000	-12,834	-12,834	0,409
Plate_1_6	249	1	0,000	-4,190	-40,162	-40,162	0,000	-43,628	-43,628	0,000	-12,834	-12,834	0,409

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Element 6-6 (Plate)	252	2	0,000	-4,268	-41,212	-41,212	0,000	-46,692	-46,692	0,000	-16,332	-16,332	0,000
(Paratia 800)	251	3	0,000	-4,345	-42,272	-42,272	0,000	-49,839	-49,839	0,000	-20,073	-20,073	0,000
	250	4	0,000	-4,423	-43,340	-43,340	0,000	-53,066	-53,066	0,000	-24,061	-24,061	0,000
	448	5	0,000	-4,500	-44,416	-44,416	0,000	-56,371	-56,371	0,000	-28,301	-28,301	0,000
Plate_1_7	448	1	0,000	-4,500	-44,410	-44,410	0,000	-56,048	-56,048	0,000	-28,301	-28,301	0,000
Element 7-7 (Plate)	451	2	0,000	-4,611	-44,258	-44,258	0,000	-55,041	-55,041	0,000	-34,470	-34,470	0,000
(Paratia 800)	450	3	0,000	-4,722	-44,135	-44,135	0,000	-54,469	-54,469	0,000	-40,556	-40,556	0,000
	449	4	0,000	-4,834	-44,040	-44,040	0,000	-54,286	-54,286	0,000	-46,600	-46,600	0,000
	468	5	0,000	-4,945	-43,971	-43,971	0,000	-54,445	-54,445	0,000	-52,640	-52,640	0,000
Plate_1_7	468	1	0,000	-4,945	-43,968	-43,968	0,000	-54,401	-54,401	0,000	-52,640	-52,640	0,000
Element 7-8 (Plate)	471	2	0,000	-5,025	-43,928	-43,928	0,000	-54,610	-54,610	0,000	-57,027	-57,027	0,000
(Paratia 800)	470	3	0,000	-5,106	-43,896	-43,896	0,000	-54,925	-54,925	0,000	-61,436	-61,436	0,000
	469	4	0,000	-5,186	-43,871	-43,871	0,000	-55,343	-55,343	0,000	-65,876	-65,876	0,000
	491	5	0,000	-5,267	-43,854	-43,854	0,000	-55,859	-55,859	0,000	-70,351	-70,351	0,000
Plate_1_7	491	1	0,000	-5,267	-43,854	-43,854	0,000	-55,833	-55,833	0,000	-70,351	-70,351	0,000
Element 7-9 (Plate)	490	2	0,000	-5,325	-43,845	-43,845	0,000	-56,245	-56,245	0,000	-73,617	-73,617	0,000
(Paratia 800)	489	3	0,000	-5,383	-43,838	-43,838	0,000	-56,613	-56,613	0,000	-76,908	-76,908	0,000
	488	4	0,000	-5,442	-43,834	-43,834	0,000	-56,921	-56,921	0,000	-80,219	-80,219	0,000
	502	5	0,000	-5,500	-43,832	-43,832	0,000	-57,150	-57,150	0,000	-83,544	-83,544	0,000
Plate_1_8	502	1	0,000	-5,500	-43,831	-43,831	0,000	-57,096	-57,096	0,000	-83,544	-83,544	0,000
Element 8-10 (Plate)	505	2	0,000	-5,512	-43,831	-43,831	0,000	-57,097	-57,097	0,000	-84,258	-84,258	0,000
(Paratia 800)	504	3	0,000	-5,525	-43,830	-43,830	0,000	-57,064	-57,064	0,000	-84,972	-84,972	0,000
	503	4	0,000	-5,537	-43,830	-43,830	0,000	-56,992	-56,992	0,000	-85,685	-85,685	0,000
	804	5	0,000	-5,550	-43,830	-43,830	0,000	-56,877	-56,877	0,000	-86,396	-86,396	0,000
Plate_1_9	804	1	0,000	-5,550	-43,879	-43,879	0,000	-57,320	-57,320	0,000	-86,396	-86,396	0,000
Element 9-11 (Plate)	807	2	0,000	-5,586	-43,388	-43,388	0,000	-53,476	-53,476	0,000	-88,392	-88,392	0,000
(Paratia 800)	806	3	0,000	-5,622	-42,899	-42,899	0,000	-49,891	-49,891	0,000	-90,254	-90,254	0,000
	805	4	0,000	-5,658	-42,412	-42,412	0,000	-46,558	-46,558	0,000	-91,992	-91,992	0,000
	1242	5	0,000	-5,694	-41,928	-41,928	0,000	-43,466	-43,466	0,000	-93,614	-93,614	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_10	1242	1	0,000	-5,694	-41,929	-41,929	0,000	-43,440	-43,440	0,000	-93,614	-93,614	0,000
Element 10-12 (Plate)	1245	2	0,000	-5,738	-41,345	-41,345	0,000	-39,847	-39,847	0,000	-95,443	-95,443	0,000
(Paratia 800)	1244	3	0,000	-5,782	-40,764	-40,764	0,000	-36,426	-36,426	0,000	-97,119	-97,119	0,000
	1243	4	0,000	-5,826	-40,188	-40,188	0,000	-33,174	-33,174	0,000	-98,649	-98,649	0,000
	1514	5	0,000	-5,870	-39,616	-39,616	0,000	-30,088	-30,088	0,000	-100,038	-100,038	0,000
Plate_1_11	1514	1	0,000	-5,870	-39,616	-39,616	0,000	-30,070	-30,070	0,000	-100,038	-100,038	0,000
Element 12-26 (Plate)	1517	2	0,000	-5,932	-38,817	-38,817	0,000	-25,932	-25,932	0,000	-101,775	-101,775	0,000
(Paratia 800)	1516	3	0,000	-5,994	-38,026	-38,026	0,000	-22,012	-22,012	0,000	-103,263	-103,263	0,000
	1515	4	0,000	-6,056	-37,244	-37,244	0,000	-18,306	-18,306	0,000	-104,514	-104,514	0,000
	1766	5	0,000	-6,118	-36,472	-36,472	0,000	-14,813	-14,813	0,000	-105,541	-105,541	0,000
Plate_1_11	1766	1	0,000	-6,118	-36,472	-36,472	0,000	-14,805	-14,805	0,000	-105,541	-105,541	0,000
Element 12-27 (Plate)	1769	2	0,000	-6,192	-35,573	-35,573	0,000	-10,925	-10,925	0,020	-106,482	-106,482	0,000
(Paratia 800)	1768	3	0,000	-6,265	-34,687	-34,687	0,000	-7,282	-7,282	0,096	-107,148	-107,148	0,000
	1767	4	0,000	-6,338	-33,814	-33,814	0,000	-3,875	-3,875	0,163	-107,556	-107,556	0,000
	2084	5	0,000	-6,412	-32,955	-32,955	0,000	-0,703	-0,703	1,714	-107,722	-107,722	0,000
Plate_1_11	2084	1	0,000	-6,412	-32,954	-32,954	0,000	-0,694	-0,694	1,725	-107,722	-107,722	0,000
Element 12-28 (Plate)	2087	2	0,000	-6,498	-31,957	-31,957	0,000	2,768	0,000	4,068	-107,630	-107,630	0,000
(Paratia 800)	2086	3	0,000	-6,584	-30,976	-30,976	0,000	5,951	0,000	6,170	-107,251	-107,251	0,000
	2085	4	0,000	-6,671	-30,012	-30,012	0,000	8,859	0,000	8,859	-106,609	-106,609	0,000
	2440	5	0,000	-6,757	-29,067	-29,067	0,000	11,491	0,000	11,491	-105,727	-105,727	0,000
Plate_1_11	2440	1	0,000	-6,757	-29,066	-29,066	0,000	11,503	0,000	11,503	-105,727	-105,727	0,000
Element 12-29 (Plate)	2441	2	0,000	-6,859	-27,972	-27,972	0,000	14,286	0,000	14,286	-104,409	-104,409	0,000
(Paratia 800)	2442	3	0,000	-6,961	-26,899	-26,899	0,000	16,755	0,000	16,755	-102,823	-102,823	0,000
	2443	4	0,000	-7,063	-25,848	-25,848	0,000	18,913	0,000	18,913	-101,000	-101,000	0,000
	2830	5	0,000	-7,165	-24,821	-24,821	0,000	20,765	0,000	20,765	-98,974	-98,974	0,000
Plate_1_11	2830	1	0,000	-7,165	-24,820	-24,820	0,000	20,781	0,000	20,781	-98,974	-98,974	0,000
Element 12-30 (Plate)	2831	2	0,000	-7,286	-23,634	-23,634	0,000	22,609	0,000	22,609	-96,360	-96,360	0,000
(Paratia 800)	2832	3	0,000	-7,406	-22,477	-22,477	0,000	24,097	0,000	24,097	-93,545	-93,545	0,000
	2833	4	0,000	-7,527	-21,347	-21,347	0,000	25,251	0,000	25,251	-90,570	-90,570	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	3320	5	0,000	-7,647	-20,246	-20,246	0,000	26,079	0,000	26,079	-87,478	-87,478	0,000
Plate_1_11	3320	1	0,000	-7,647	-20,245	-20,245	0,000	26,099	0,000	26,099	-87,478	-87,478	0,000
Element 12-31 (Plate)	3321	2	0,000	-7,789	-18,980	-18,980	0,000	26,714	0,000	26,714	-83,724	-83,724	0,000
(Paratia 800)	3322	3	0,000	-7,931	-17,750	-17,750	0,000	26,994	0,000	26,994	-79,905	-79,905	0,000
	3323	4	0,000	-8,073	-16,557	-16,557	0,000	26,948	0,000	26,948	-76,069	-76,069	0,000
	3792	5	0,000	-8,215	-15,400	-15,400	0,000	26,584	0,000	26,584	-72,265	-72,265	0,000
Plate_1_11	3792	1	0,000	-8,215	-15,399	-15,399	0,000	26,619	0,000	26,619	-72,265	-72,265	0,000
Element 12-32 (Plate)	3795	2	0,000	-8,383	-14,079	-14,079	0,000	25,867	0,000	25,867	-67,864	-67,864	0,000
(Paratia 800)	3794	3	0,000	-8,550	-12,806	-12,806	0,000	24,890	0,000	24,890	-63,607	-63,607	0,000
	3793	4	0,000	-8,718	-11,580	-12,182	0,000	23,704	0,000	23,704	-59,530	-59,530	0,000
	4000	5	0,000	-8,886	-10,401	-12,238	0,000	22,328	0,000	22,328	-55,671	-55,671	0,000
Plate_1_11	4000	1	0,000	-8,886	-10,399	-12,238	0,000	22,354	0,000	22,354	-55,671	-55,671	0,000
Element 12-33 (Plate)	4001	2	0,000	-9,083	-9,066	-12,303	0,000	20,572	0,000	20,572	-51,426	-51,426	0,000
(Paratia 800)	4002	3	0,000	-9,281	-7,792	-12,367	0,000	18,685	0,000	18,685	-47,542	-47,542	0,000
	4003	4	0,000	-9,479	-6,577	-12,432	0,000	16,706	0,000	16,706	-44,040	-44,040	0,000
	4562	5	0,000	-9,677	-5,422	-12,496	0,000	14,650	0,000	14,650	-40,939	-40,939	0,000
Plate_1_11	4562	1	0,000	-9,677	-5,418	-12,497	0,000	14,726	0,000	14,726	-40,939	-40,939	0,000
Element 12-34 (Plate)	4563	2	0,000	-9,910	-4,126	-12,572	0,000	12,227	0,000	12,227	-37,797	-37,797	0,000
(Paratia 800)	4564	3	0,000	-10,143	-2,902	-12,649	0,000	9,944	0,000	9,944	-35,217	-35,217	0,000
	4565	4	0,000	-10,377	-1,745	-12,729	0,000	7,973	0,000	7,973	-33,131	-33,131	0,000
	5222	5	0,000	-10,610	-0,657	-12,812	0,000	6,411	0,000	6,411	-31,463	-31,463	0,000
Plate_1_12	5222	1	0,000	-10,610	-0,662	-12,814	0,000	6,794	0,000	6,794	-31,463	-31,463	0,000
Element 13-35 (Plate)	5223	2	0,000	-10,857	1,303	-12,624	1,303	7,986	0,000	7,986	-29,625	-29,625	0,000
(Paratia 800)	5224	3	0,000	-11,104	3,153	-12,438	3,153	8,644	0,000	8,644	-27,561	-27,561	0,000
	5225	4	0,000	-11,351	4,886	-12,256	4,886	8,840	0,000	8,840	-25,389	-25,389	0,000
	5528	5	0,000	-11,598	6,500	-12,077	6,500	8,643	0,000	8,643	-23,223	-23,223	0,000
Plate_1_12	5528	1	0,000	-11,598	6,503	-12,076	6,503	8,703	0,000	8,703	-23,223	-23,223	0,000
Element 13-36 (Plate)	5529	2	0,000	-11,852	8,041	-11,892	8,041	8,349	0,000	8,349	-21,059	-21,059	0,000
(Paratia 800)	5530	3	0,000	-12,106	9,465	-11,706	9,465	7,897	0,000	7,897	-18,997	-18,997	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	5531	4	0,000	-12,359	10,774	-11,519	10,774	7,364	0,000	7,364	-17,060	-17,060	0,000
	6014	5	0,000	-12,613	11,968	-11,330	11,968	6,769	0,000	6,769	-15,267	-15,267	0,000
Plate_1_12	6014	1	0,000	-12,613	11,970	-11,329	11,970	6,783	0,000	6,783	-15,267	-15,267	0,000
Element 13-37 (Plate)	6015	2	0,000	-12,873	13,080	-11,133	13,080	6,168	0,000	6,168	-13,582	-13,582	0,000
(Paratia 800)	6016	3	0,000	-13,133	14,076	-10,931	14,076	5,569	0,000	5,569	-12,055	-12,055	0,000
	6017	4	0,000	-13,394	14,959	-10,726	14,959	4,992	0,000	4,992	-10,681	-10,681	0,000
	6442	5	0,000	-13,654	15,728	-10,516	15,728	4,442	0,000	4,442	-9,454	-9,454	0,000
Plate_1_12	6442	1	0,000	-13,654	15,730	-10,515	15,730	4,445	0,000	4,445	-9,454	-9,454	0,000
Element 13-38 (Plate)	6443	2	0,000	-13,921	16,404	-10,294	16,404	3,923	0,000	3,923	-8,338	-8,338	0,000
(Paratia 800)	6444	3	0,000	-14,188	16,966	-10,066	16,966	3,447	0,000	3,447	-7,354	-7,354	0,000
	6445	4	0,000	-14,455	17,415	-9,831	17,415	3,015	0,000	3,015	-6,492	-6,492	0,000
	6992	5	0,000	-14,722	17,751	-9,589	17,751	2,628	0,000	2,628	-5,740	-5,740	0,000
Plate_1_12	6992	1	0,000	-14,722	17,752	-9,588	17,752	2,626	0,000	2,626	-5,740	-5,740	0,000
Element 13-39 (Plate)	6993	2	0,000	-14,996	17,982	-9,331	17,982	2,276	0,000	2,276	-5,069	-5,069	0,000
(Paratia 800)	6994	3	0,000	-15,271	18,099	-9,063	18,099	1,964	0,000	1,964	-4,489	-4,489	0,000
	6995	4	0,000	-15,545	18,103	-8,785	18,103	1,692	0,000	1,692	-3,988	-3,988	0,000
	7644	5	0,000	-15,819	17,994	-8,496	17,994	1,458	0,000	1,458	-3,558	-3,558	0,012
Plate_1_12	7644	1	0,000	-15,819	17,995	-8,495	17,995	1,456	0,000	1,456	-3,558	-3,558	0,012
Element 13-40 (Plate)	7645	2	0,000	-16,100	17,768	-8,186	17,768	1,249	0,000	1,249	-3,178	-3,178	0,024
(Paratia 800)	7646	3	0,000	-16,381	17,427	-7,862	17,427	1,071	0,000	1,071	-2,852	-2,852	0,037
	7647	4	0,000	-16,663	16,971	-7,522	16,971	0,920	0,000	0,920	-2,573	-2,573	0,048
	8054	5	0,000	-16,944	16,402	-7,166	16,402	0,796	0,000	0,796	-2,332	-2,332	0,057
Plate_1_12	8054	1	0,000	-16,944	16,403	-7,164	16,403	0,795	0,000	0,795	-2,332	-2,332	0,057
Element 13-41 (Plate)	8055	2	0,000	-17,233	15,702	-6,781	15,702	0,689	0,000	0,689	-2,118	-2,118	0,080
(Paratia 800)	8056	3	0,000	-17,521	14,885	-6,375	14,885	0,604	0,000	0,604	-1,932	-1,932	0,098
	8057	4	0,000	-17,810	13,951	-5,945	13,951	0,539	0,000	0,539	-1,767	-1,767	0,111
	8538	5	0,000	-18,099	12,901	-5,491	12,901	0,494	-0,007	0,494	-1,619	-1,619	0,118
Plate_1_12	8538	1	0,000	-18,099	12,902	-5,487	12,902	0,495	-0,007	0,495	-1,619	-1,619	0,118
Element 13-42 (Plate)	8539	2	0,000	-18,395	11,705	-4,992	11,705	0,463	-0,017	0,463	-1,478	-1,478	0,118

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
(Paratia 800)	8540	3	0,000	-18,691	10,388	-4,457	10,388	0,456	-0,032	0,456	-1,342	-1,342	0,112
	8541	4	0,000	-18,988	8,953	-3,882	8,953	0,463	-0,053	0,463	-1,206	-1,206	0,099
	9120	5	0,000	-19,284	7,403	-3,266	7,403	0,473	-0,070	0,473	-1,068	-1,068	0,082
Plate_1_12	9120	1	0,000	-19,284	7,413	-3,254	7,413	0,543	-0,078	0,543	-1,068	-1,068	0,082
Element 13-43 (Plate)	9121	2	0,000	-19,588	5,685	-2,575	5,685	0,510	-0,075	0,510	-0,946	-0,946	0,060
(Paratia 800)	9122	3	0,000	-19,892	3,855	-1,814	3,855	1,080	-0,077	1,080	-0,681	-0,681	0,037
	9123	4	0,000	-20,196	1,940	-0,963	1,940	1,347	-0,067	1,347	-0,320	-0,320	0,015
	9124	5	0,000	-20,500	-0,046	-0,046	0,000	0,403	-0,025	0,599	0,000	0,000	0,000

3.1.1.1.4 Calculation results, Plate, chiodo [Phase_3] (3/16), Table of plate force envelopes

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_1	361	1	0,000	-0,500	0,013	0,000	0,013	-0,260	-0,260	0,043	0,000	0,000	0,000
Element 1-1 (Plate)	360	2	0,000	-0,625	-1,117	-1,117	0,000	3,740	-0,071	3,740	0,227	-0,007	0,227
(Paratia 800)	359	3	0,000	-0,750	-2,259	-2,259	0,000	6,781	-0,075	6,781	0,895	-0,016	0,895
	358	4	0,000	-0,875	-3,411	-3,411	0,000	8,859	-0,052	8,859	1,883	-0,024	1,883
	357	5	0,000	-1,000	-4,573	-4,573	0,000	9,970	-0,013	9,970	3,070	-0,029	3,070
Plate_1_2	357	1	0,000	-1,000	-4,576	-4,576	0,000	10,119	-0,020	10,119	3,070	-0,029	3,070
Element 2-2 (Plate)	168	2	0,000	-1,250	-6,926	-6,926	0,000	11,061	0,000	11,061	5,737	-0,025	5,737
(Paratia 800)	167	3	0,000	-1,500	-9,336	-9,336	0,000	11,050	0,000	11,055	8,520	-0,007	8,520
	166	4	0,000	-1,750	-11,805	-11,805	0,000	10,112	0,000	10,231	11,186	0,000	11,186
	189	5	0,000	-2,000	-14,336	-14,336	0,000	8,273	0,000	8,519	13,502	0,000	13,502
Plate_1_3	189	1	0,000	-2,000	-14,340	-14,340	0,000	8,286	0,000	8,525	13,502	0,000	13,502
Element 3-3 (Plate)	192	2	0,000	-2,125	-15,634	-15,634	0,000	7,049	0,000	7,343	14,462	0,000	14,462
(Paratia 800)	191	3	0,000	-2,250	-16,950	-16,950	0,000	5,598	0,000	5,999	15,255	0,000	15,260
	190	4	0,000	-2,375	-18,286	-18,286	0,000	3,935	0,000	4,852	15,853	0,000	15,896
	209	5	0,000	-2,500	-19,641	-19,641	0,000	2,060	0,000	3,535	16,230	0,000	16,325
Plate_1_4	209	1	0,000	-2,500	-19,644	-19,644	0,000	2,060	0,000	3,536	16,230	0,000	16,325
Element 4-4 (Plate)	212	2	0,000	-2,750	-22,418	-22,418	0,000	-2,348	-2,348	1,349	16,212	0,000	16,427
(Paratia 800)	211	3	0,000	-3,000	-25,288	-25,288	0,000	-7,622	-7,622	0,001	14,983	0,000	15,340
	210	4	0,000	-3,250	-28,253	-28,253	0,000	-13,765	-13,765	0,000	12,328	0,000	12,849
	229	5	0,000	-3,500	-31,312	-31,312	0,000	-20,779	-20,779	0,000	8,029	0,000	10,060
Plate_1_5	229	1	0,000	-3,500	-31,314	-31,314	0,000	-20,778	-20,778	0,000	8,029	0,000	10,060
Element 5-5 (Plate)	232	2	0,000	-3,673	-33,483	-33,483	0,000	-26,125	-26,125	0,000	3,991	-0,046	7,463
(Paratia 800)	231	3	0,000	-3,845	-35,701	-35,701	0,000	-31,891	-31,891	0,000	-1,009	-1,009	4,671
	230	4	0,000	-4,018	-37,966	-37,966	0,000	-38,072	-38,072	0,000	-7,038	-7,038	2,756
	249	5	0,000	-4,190	-40,277	-40,277	0,000	-44,667	-44,667	0,000	-14,167	-14,167	0,409
Plate_1_6	249	1	0,000	-4,190	-40,856	-40,856	0,000	-43,670	-43,673	0,000	-14,167	-14,167	0,409

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Element 6-6 (Plate)	252	2	0,000	-4,268	-41,909	-41,909	0,000	-46,767	-46,767	0,000	-17,670	-17,670	0,000
(Paratia 800)	251	3	0,000	-4,345	-42,971	-42,971	0,000	-49,949	-49,949	0,000	-21,418	-21,418	0,000
	250	4	0,000	-4,423	-44,043	-44,043	0,000	-53,213	-53,213	0,000	-25,416	-25,416	0,000
	448	5	0,000	-4,500	-45,122	-45,122	0,000	-56,556	-56,556	0,000	-29,668	-29,668	0,000
Plate_1_7	448	1	0,000	-4,500	-45,113	-45,113	0,000	-56,238	-56,238	0,000	-29,668	-29,668	0,000
Element 7-7 (Plate)	451	2	0,000	-4,611	-44,964	-44,964	0,000	-55,587	-55,587	0,000	-35,880	-35,880	0,000
(Paratia 800)	450	3	0,000	-4,722	-44,848	-44,848	0,000	-55,240	-55,240	0,000	-42,040	-42,040	0,000
	449	4	0,000	-4,834	-44,761	-44,761	0,000	-55,172	-55,172	0,000	-48,177	-48,177	0,000
	468	5	0,000	-4,945	-44,701	-44,701	0,000	-55,353	-55,353	0,000	-54,318	-54,318	0,000
Plate_1_7	468	1	0,000	-4,945	-44,698	-44,698	0,000	-55,324	-55,324	0,000	-54,318	-54,318	0,000
Element 7-8 (Plate)	471	2	0,000	-5,025	-44,664	-44,664	0,000	-55,544	-55,544	0,000	-58,779	-58,779	0,000
(Paratia 800)	470	3	0,000	-5,106	-44,637	-44,637	0,000	-55,881	-55,881	0,000	-63,265	-63,265	0,000
	469	4	0,000	-5,186	-44,618	-44,618	0,000	-56,331	-56,331	0,000	-67,782	-67,782	0,000
	491	5	0,000	-5,267	-44,606	-44,606	0,000	-56,890	-56,890	0,000	-72,339	-72,339	0,000
Plate_1_7	491	1	0,000	-5,267	-44,605	-44,605	0,000	-56,866	-56,866	0,000	-72,339	-72,339	0,000
Element 7-9 (Plate)	490	2	0,000	-5,325	-44,600	-44,600	0,000	-57,319	-57,319	0,000	-75,667	-75,667	0,000
(Paratia 800)	489	3	0,000	-5,383	-44,597	-44,597	0,000	-57,742	-57,742	0,000	-79,022	-79,022	0,000
	488	4	0,000	-5,442	-44,597	-44,597	0,000	-58,119	-58,119	0,000	-82,400	-82,400	0,000
	502	5	0,000	-5,500	-44,597	-44,597	0,000	-58,433	-58,433	0,000	-85,798	-85,798	0,000
Plate_1_8	502	1	0,000	-5,500	-44,597	-44,597	0,000	-58,380	-58,380	0,000	-85,798	-85,798	0,000
Element 8-10 (Plate)	505	2	0,000	-5,512	-44,597	-44,597	0,000	-58,402	-58,402	0,000	-86,527	-86,527	0,000
(Paratia 800)	504	3	0,000	-5,525	-44,597	-44,597	0,000	-58,390	-58,390	0,000	-87,258	-87,258	0,000
	503	4	0,000	-5,537	-44,598	-44,598	0,000	-58,336	-58,336	0,000	-87,987	-87,987	0,000
	804	5	0,000	-5,550	-44,598	-44,598	0,000	-58,235	-58,235	0,000	-88,716	-88,716	0,000
Plate_1_9	804	1	0,000	-5,550	-44,646	-44,646	0,000	-58,668	-58,668	0,000	-88,716	-88,716	0,000
Element 9-11 (Plate)	807	2	0,000	-5,586	-44,163	-44,163	0,000	-54,724	-54,724	0,000	-90,758	-90,758	0,000
(Paratia 800)	806	3	0,000	-5,622	-43,680	-43,680	0,000	-51,064	-51,064	0,000	-92,664	-92,664	0,000
	805	4	0,000	-5,658	-43,200	-43,200	0,000	-47,676	-47,676	0,000	-94,444	-94,444	0,000
	1242	5	0,000	-5,694	-42,722	-42,722	0,000	-44,546	-44,546	0,000	-96,105	-96,105	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_10	1242	1	0,000	-5,694	-42,722	-42,722	0,000	-44,516	-44,516	0,000	-96,105	-96,105	0,000
Element 10-12 (Plate)	1245	2	0,000	-5,738	-42,145	-42,145	0,000	-40,884	-40,884	0,000	-97,980	-97,980	0,000
(Paratia 800)	1244	3	0,000	-5,782	-41,571	-41,571	0,000	-37,432	-37,432	0,000	-99,701	-99,701	0,000
	1243	4	0,000	-5,826	-41,000	-41,000	0,000	-34,156	-34,156	0,000	-101,274	-101,274	0,000
	1514	5	0,000	-5,870	-40,434	-40,434	0,000	-31,052	-31,052	0,000	-102,706	-102,706	0,000
Plate_1_11	1514	1	0,000	-5,870	-40,433	-40,433	0,000	-31,031	-31,031	0,000	-102,706	-102,706	0,000
Element 12-26 (Plate)	1517	2	0,000	-5,932	-39,640	-39,640	0,000	-26,866	-26,866	0,000	-104,503	-104,503	0,000
(Paratia 800)	1516	3	0,000	-5,994	-38,855	-38,855	0,000	-22,912	-22,912	0,000	-106,047	-106,047	0,000
	1515	4	0,000	-6,056	-38,078	-38,078	0,000	-19,168	-19,168	0,000	-107,353	-107,353	0,000
	1766	5	0,000	-6,118	-37,310	-37,310	0,000	-15,630	-15,630	0,000	-108,432	-108,432	0,000
Plate_1_11	1766	1	0,000	-6,118	-37,310	-37,310	0,000	-15,622	-15,622	0,000	-108,432	-108,432	0,000
Element 12-27 (Plate)	1769	2	0,000	-6,192	-36,416	-36,416	0,000	-11,681	-11,681	0,020	-109,431	-109,431	0,000
(Paratia 800)	1768	3	0,000	-6,265	-35,533	-35,533	0,000	-7,969	-7,969	0,096	-110,150	-110,150	0,000
	1767	4	0,000	-6,338	-34,664	-34,664	0,000	-4,486	-4,486	0,163	-110,605	-110,605	0,000
	2084	5	0,000	-6,412	-33,807	-33,807	0,000	-1,233	-1,233	1,714	-110,813	-110,813	0,000
Plate_1_11	2084	1	0,000	-6,412	-33,807	-33,807	0,000	-1,226	-1,226	1,725	-110,813	-110,813	0,000
Element 12-28 (Plate)	2087	2	0,000	-6,498	-32,812	-32,812	0,000	2,337	0,000	4,068	-110,763	-110,763	0,000
(Paratia 800)	2086	3	0,000	-6,584	-31,833	-31,833	0,000	5,621	0,000	6,170	-110,417	-110,417	0,000
	2085	4	0,000	-6,671	-30,872	-30,872	0,000	8,630	0,000	8,859	-109,799	-109,799	0,000
	2440	5	0,000	-6,757	-29,928	-29,928	0,000	11,363	0,000	11,491	-108,932	-108,932	0,000
Plate_1_11	2440	1	0,000	-6,757	-29,927	-29,927	0,000	11,374	0,000	11,503	-108,932	-108,932	0,000
Element 12-29 (Plate)	2441	2	0,000	-6,859	-28,833	-28,833	0,000	14,269	0,000	14,292	-107,622	-107,622	0,000
(Paratia 800)	2442	3	0,000	-6,961	-27,761	-27,761	0,000	16,841	0,000	16,841	-106,032	-106,032	0,000
	2443	4	0,000	-7,063	-26,711	-26,711	0,000	19,095	0,000	19,095	-104,196	-104,196	0,000
	2830	5	0,000	-7,165	-25,682	-25,682	0,000	21,033	0,000	21,033	-102,147	-102,147	0,000
Plate_1_11	2830	1	0,000	-7,165	-25,681	-25,681	0,000	21,050	0,000	21,050	-102,147	-102,147	0,000
Element 12-30 (Plate)	2831	2	0,000	-7,286	-24,494	-24,494	0,000	22,968	0,000	22,968	-99,494	-99,494	0,000
(Paratia 800)	2832	3	0,000	-7,406	-23,334	-23,334	0,000	24,539	0,000	24,539	-96,631	-96,631	0,000
	2833	4	0,000	-7,527	-22,200	-22,200	0,000	25,769	0,000	25,769	-93,599	-93,599	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	3320	5	0,000	-7,647	-21,095	-21,095	0,000	26,667	0,000	26,667	-90,440	-90,440	0,000
Plate_1_11	3320	1	0,000	-7,647	-21,094	-21,094	0,000	26,687	0,000	26,687	-90,440	-90,440	0,000
Element 12-31 (Plate)	3321	2	0,000	-7,789	-19,823	-19,823	0,000	27,379	0,000	27,379	-86,597	-86,597	0,000
(Paratia 800)	3322	3	0,000	-7,931	-18,587	-18,587	0,000	27,731	0,000	27,731	-82,678	-82,678	0,000
	3323	4	0,000	-8,073	-17,387	-17,387	0,000	27,751	0,000	27,751	-78,733	-78,733	0,000
	3792	5	0,000	-8,215	-16,222	-16,222	0,000	27,449	0,000	27,449	-74,809	-74,809	0,000
Plate_1_11	3792	1	0,000	-8,215	-16,221	-16,221	0,000	27,484	0,000	27,484	-74,809	-74,809	0,000
Element 12-32 (Plate)	3795	2	0,000	-8,383	-14,892	-14,892	0,000	26,765	0,000	26,765	-70,260	-70,260	0,000
(Paratia 800)	3794	3	0,000	-8,550	-13,608	-13,608	0,000	25,797	0,000	25,797	-65,852	-65,852	0,000
	3793	4	0,000	-8,718	-12,371	-12,371	0,000	24,602	0,000	24,602	-61,624	-61,624	0,000
	4000	5	0,000	-8,886	-11,180	-12,238	0,000	23,199	0,000	23,199	-57,616	-57,616	0,000
Plate_1_11	4000	1	0,000	-8,886	-11,179	-12,238	0,000	23,229	0,000	23,229	-57,616	-57,616	0,000
Element 12-33 (Plate)	4001	2	0,000	-9,083	-9,832	-12,303	0,000	21,411	0,000	21,411	-53,201	-53,201	0,000
(Paratia 800)	4002	3	0,000	-9,281	-8,543	-12,367	0,000	19,486	0,000	19,486	-49,155	-49,155	0,000
	4003	4	0,000	-9,479	-7,313	-12,432	0,000	17,466	0,000	17,466	-45,499	-45,499	0,000
	4562	5	0,000	-9,677	-6,142	-12,496	0,000	15,366	0,000	15,366	-42,252	-42,252	0,000
Plate_1_11	4562	1	0,000	-9,677	-6,139	-12,497	0,000	15,443	0,000	15,443	-42,252	-42,252	0,000
Element 12-34 (Plate)	4563	2	0,000	-9,910	-4,829	-12,572	0,000	12,892	0,000	12,892	-38,949	-38,949	0,000
(Paratia 800)	4564	3	0,000	-10,143	-3,588	-12,649	0,000	10,558	0,000	10,558	-36,220	-36,220	0,000
	4565	4	0,000	-10,377	-2,414	-12,729	0,000	8,536	0,000	8,536	-33,996	-33,996	0,000
	5222	5	0,000	-10,610	-1,309	-12,812	0,000	6,922	0,000	6,922	-32,203	-32,203	0,000
Plate_1_12	5222	1	0,000	-10,610	-1,314	-12,814	0,000	7,305	0,000	7,305	-32,203	-32,203	0,000
Element 13-35 (Plate)	5223	2	0,000	-10,857	0,677	-12,624	1,303	8,434	0,000	8,434	-30,246	-30,246	0,000
(Paratia 800)	5224	3	0,000	-11,104	2,553	-12,438	3,153	9,035	0,000	9,035	-28,079	-28,079	0,000
	5225	4	0,000	-11,351	4,310	-12,256	4,886	9,178	0,000	9,178	-25,817	-25,817	0,000
	5528	5	0,000	-11,598	5,948	-12,077	6,500	8,934	0,000	8,934	-23,574	-23,574	0,000
Plate_1_12	5528	1	0,000	-11,598	5,951	-12,076	6,503	8,994	0,000	8,994	-23,574	-23,574	0,000
Element 13-36 (Plate)	5529	2	0,000	-11,852	7,513	-11,892	8,041	8,597	0,000	8,597	-21,341	-21,341	0,000
(Paratia 800)	5530	3	0,000	-12,106	8,961	-11,706	9,465	8,107	0,000	8,107	-19,221	-19,221	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	5531	4	0,000	-12,359	10,293	-11,519	10,774	7,540	0,000	7,540	-17,235	-17,235	0,000
	6014	5	0,000	-12,613	11,509	-11,330	11,968	6,916	0,000	6,916	-15,401	-15,401	0,000
Plate_1_12	6014	1	0,000	-12,613	11,511	-11,329	11,970	6,929	0,000	6,929	-15,401	-15,401	0,000
Element 13-37 (Plate)	6015	2	0,000	-12,873	12,643	-11,133	13,080	6,288	0,000	6,288	-13,682	-13,682	0,000
(Paratia 800)	6016	3	0,000	-13,133	13,661	-10,931	14,076	5,666	0,000	5,666	-12,127	-12,127	0,000
	6017	4	0,000	-13,394	14,564	-10,726	14,959	5,069	0,000	5,069	-10,730	-10,730	0,000
	6442	5	0,000	-13,654	15,353	-10,516	15,728	4,503	0,000	4,503	-9,485	-9,485	0,000
Plate_1_12	6442	1	0,000	-13,654	15,355	-10,515	15,730	4,505	0,000	4,505	-9,485	-9,485	0,000
Element 13-38 (Plate)	6443	2	0,000	-13,921	16,050	-10,294	16,404	3,970	0,000	3,970	-8,355	-8,355	0,000
(Paratia 800)	6444	3	0,000	-14,188	16,631	-10,066	16,966	3,482	0,000	3,482	-7,360	-7,360	0,000
	6445	4	0,000	-14,455	17,099	-9,831	17,415	3,040	0,000	3,040	-6,490	-6,495	0,000
	6992	5	0,000	-14,722	17,453	-9,589	17,751	2,646	0,000	2,646	-5,732	-5,741	0,000
Plate_1_12	6992	1	0,000	-14,722	17,455	-9,588	17,752	2,644	0,000	2,644	-5,732	-5,741	0,000
Element 13-39 (Plate)	6993	2	0,000	-14,996	17,703	-9,331	17,982	2,287	0,000	2,287	-5,057	-5,069	0,000
(Paratia 800)	6994	3	0,000	-15,271	17,838	-9,063	18,099	1,971	0,000	1,971	-4,474	-4,489	0,000
	6995	4	0,000	-15,545	17,859	-8,785	18,103	1,695	0,000	1,695	-3,973	-3,988	0,000
	7644	5	0,000	-15,819	17,767	-8,496	17,994	1,458	0,000	1,459	-3,542	-3,558	0,012
Plate_1_12	7644	1	0,000	-15,819	17,768	-8,495	17,995	1,456	0,000	1,457	-3,542	-3,558	0,012
Element 13-40 (Plate)	7645	2	0,000	-16,100	17,559	-8,186	17,768	1,248	0,000	1,250	-3,162	-3,178	0,024
(Paratia 800)	7646	3	0,000	-16,381	17,234	-7,862	17,427	1,068	0,000	1,071	-2,837	-2,852	0,037
	7647	4	0,000	-16,663	16,794	-7,522	16,971	0,917	0,000	0,920	-2,558	-2,573	0,048
	8054	5	0,000	-16,944	16,241	-7,166	16,402	0,792	0,000	0,796	-2,319	-2,332	0,057
Plate_1_12	8054	1	0,000	-16,944	16,241	-7,164	16,403	0,791	0,000	0,795	-2,319	-2,332	0,057
Element 13-41 (Plate)	8055	2	0,000	-17,233	15,556	-6,781	15,702	0,685	0,000	0,689	-2,106	-2,118	0,080
(Paratia 800)	8056	3	0,000	-17,521	14,754	-6,375	14,885	0,600	0,000	0,604	-1,921	-1,932	0,098
	8057	4	0,000	-17,810	13,835	-5,945	13,951	0,535	0,000	0,539	-1,758	-1,767	0,111
	8538	5	0,000	-18,099	12,799	-5,491	12,901	0,490	-0,007	0,494	-1,610	-1,619	0,118
Plate_1_12	8538	1	0,000	-18,099	12,800	-5,487	12,902	0,490	-0,007	0,495	-1,610	-1,619	0,118
Element 13-42 (Plate)	8539	2	0,000	-18,395	11,617	-4,992	11,705	0,459	-0,017	0,463	-1,470	-1,478	0,118

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
(Paratia 800)	8540	3	0,000	-18,691	10,314	-4,457	10,388	0,452	-0,032	0,456	-1,336	-1,342	0,112
	8541	4	0,000	-18,988	8,893	-3,882	8,953	0,458	-0,053	0,463	-1,201	-1,206	0,099
	9120	5	0,000	-19,284	7,355	-3,266	7,403	0,468	-0,070	0,473	-1,064	-1,068	0,082
Plate_1_12	9120	1	0,000	-19,284	7,366	-3,254	7,413	0,538	-0,078	0,543	-1,064	-1,068	0,082
Element 13-43 (Plate)	9121	2	0,000	-19,588	5,650	-2,575	5,685	0,506	-0,075	0,510	-0,944	-0,946	0,060
(Paratia 800)	9122	3	0,000	-19,892	3,832	-1,814	3,855	1,077	-0,077	1,080	-0,679	-0,681	0,037
	9123	4	0,000	-20,196	1,928	-0,963	1,940	1,345	-0,067	1,347	-0,320	-0,320	0,015
	9124	5	0,000	-20,500	-0,047	-0,047	0,000	0,402	-0,025	0,599	0,000	0,000	0,000

3.1.1.1.5 Calculation results, Plate, scavo per plinto [Phase_4] (4/19), Table of plate force envelopes

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_1	361	1	0,000	-0,500	0,013	0,000	0,013	-0,214	-0,260	0,043	0,000	0,000	0,000
Element 1-1 (Plate)	360	2	0,000	-0,625	-1,263	-1,263	0,000	4,399	-0,071	4,399	0,273	-0,007	0,273
(Paratia 800)	359	3	0,000	-0,750	-2,548	-2,548	0,000	7,904	-0,075	7,904	1,054	-0,016	1,054
	358	4	0,000	-0,875	-3,842	-3,842	0,000	10,311	-0,052	10,311	2,204	-0,024	2,204
	357	5	0,000	-1,000	-5,143	-5,143	0,000	11,630	-0,013	11,630	3,586	-0,029	3,586
Plate_1_2	357	1	0,000	-1,000	-5,147	-5,147	0,000	11,799	-0,020	11,799	3,586	-0,029	3,586
Element 2-2 (Plate)	168	2	0,000	-1,250	-7,770	-7,770	0,000	13,097	0,000	13,097	6,718	-0,025	6,718
(Paratia 800)	167	3	0,000	-1,500	-10,448	-10,448	0,000	13,425	0,000	13,425	10,054	-0,007	10,054
	166	4	0,000	-1,750	-13,182	-13,182	0,000	12,812	0,000	12,812	13,354	0,000	13,354
	189	5	0,000	-2,000	-15,970	-15,970	0,000	11,285	0,000	11,285	16,384	0,000	16,384
Plate_1_3	189	1	0,000	-2,000	-15,975	-15,975	0,000	11,302	0,000	11,302	16,384	0,000	16,384
Element 3-3 (Plate)	192	2	0,000	-2,125	-17,397	-17,397	0,000	10,221	0,000	10,221	17,731	0,000	17,731
(Paratia 800)	191	3	0,000	-2,250	-18,840	-18,840	0,000	8,929	0,000	8,929	18,930	0,000	18,930
	190	4	0,000	-2,375	-20,302	-20,302	0,000	7,425	0,000	7,425	19,955	0,000	19,955
	209	5	0,000	-2,500	-21,782	-21,782	0,000	5,710	0,000	5,710	20,778	0,000	20,778
Plate_1_4	209	1	0,000	-2,500	-21,785	-21,785	0,000	5,712	0,000	5,712	20,778	0,000	20,778
Element 4-4 (Plate)	212	2	0,000	-2,750	-24,806	-24,806	0,000	1,631	-2,348	1,650	21,713	0,000	21,713
(Paratia 800)	211	3	0,000	-3,000	-27,921	-27,921	0,000	-3,301	-7,622	0,001	21,522	0,000	21,522
	210	4	0,000	-3,250	-31,126	-31,126	0,000	-9,086	-13,765	0,000	19,991	0,000	19,991
	229	5	0,000	-3,500	-34,422	-34,422	0,000	-15,725	-20,779	0,000	16,908	0,000	16,908
Plate_1_5	229	1	0,000	-3,500	-34,424	-34,424	0,000	-15,722	-20,778	0,000	16,908	0,000	16,908
Element 5-5 (Plate)	232	2	0,000	-3,673	-36,755	-36,755	0,000	-20,797	-26,125	0,000	13,765	-0,046	13,765
(Paratia 800)	231	3	0,000	-3,845	-39,133	-39,133	0,000	-26,277	-31,891	0,000	9,709	-1,009	9,709
	230	4	0,000	-4,018	-41,557	-41,557	0,000	-32,157	-38,072	0,000	4,674	-7,038	4,674
	249	5	0,000	-4,190	-44,025	-44,025	0,000	-38,435	-44,667	0,000	-1,407	-14,167	0,409
Plate_1_6	249	1	0,000	-4,190	-53,934	-53,934	0,000	-21,318	-43,673	0,000	-1,407	-14,167	0,409

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Element 6-6 (Plate)	252	2	0,000	-4,268	-55,057	-55,057	0,000	-24,265	-46,767	0,000	-3,173	-17,670	0,000
(Paratia 800)	251	3	0,000	-4,345	-56,189	-56,189	0,000	-27,290	-49,949	0,000	-5,171	-21,418	0,000
	250	4	0,000	-4,423	-57,330	-57,330	0,000	-30,391	-53,213	0,000	-7,406	-25,416	0,000
	448	5	0,000	-4,500	-58,478	-58,478	0,000	-33,566	-56,556	0,000	-9,883	-29,668	0,000
Plate_1_7	448	1	0,000	-4,500	-58,477	-58,477	0,000	-33,565	-56,238	0,000	-9,883	-29,668	0,000
Element 7-7 (Plate)	451	2	0,000	-4,611	-60,138	-60,138	0,000	-38,252	-55,587	0,000	-13,873	-35,880	0,000
(Paratia 800)	450	3	0,000	-4,722	-61,813	-61,813	0,000	-43,085	-55,240	0,000	-18,395	-42,040	0,000
	449	4	0,000	-4,834	-63,500	-63,500	0,000	-48,059	-55,172	0,000	-23,461	-48,177	0,000
	468	5	0,000	-4,945	-65,197	-65,197	0,000	-53,166	-55,353	0,000	-29,086	-54,318	0,000
Plate_1_7	468	1	0,000	-4,945	-65,195	-65,195	0,000	-53,162	-55,324	0,000	-29,086	-54,318	0,000
Element 7-8 (Plate)	471	2	0,000	-5,025	-66,428	-66,428	0,000	-56,936	-56,936	0,000	-33,517	-58,779	0,000
(Paratia 800)	470	3	0,000	-5,106	-67,659	-67,659	0,000	-60,760	-60,760	0,000	-38,255	-63,265	0,000
	469	4	0,000	-5,186	-68,885	-68,885	0,000	-64,627	-64,627	0,000	-43,304	-67,782	0,000
	491	5	0,000	-5,267	-70,106	-70,106	0,000	-68,529	-68,529	0,000	-48,663	-72,339	0,000
Plate_1_7	491	1	0,000	-5,267	-70,099	-70,099	0,000	-68,522	-68,522	0,000	-48,663	-72,339	0,000
Element 7-9 (Plate)	490	2	0,000	-5,325	-70,975	-70,975	0,000	-71,354	-71,354	0,000	-52,740	-75,667	0,000
(Paratia 800)	489	3	0,000	-5,383	-71,824	-71,824	0,000	-74,166	-74,166	0,000	-56,983	-79,022	0,000
	488	4	0,000	-5,442	-72,644	-72,644	0,000	-76,935	-76,935	0,000	-61,389	-82,400	0,000
	502	5	0,000	-5,500	-73,427	-73,427	0,000	-79,639	-79,639	0,000	-65,953	-85,798	0,000
Plate_1_8	502	1	0,000	-5,500	-73,412	-73,412	0,000	-79,616	-79,616	0,000	-65,953	-85,798	0,000
Element 8-10 (Plate)	505	2	0,000	-5,512	-73,565	-73,565	0,000	-80,175	-80,175	0,000	-66,951	-86,527	0,000
(Paratia 800)	504	3	0,000	-5,525	-73,709	-73,709	0,000	-80,690	-80,690	0,000	-67,957	-87,258	0,000
	503	4	0,000	-5,537	-73,842	-73,842	0,000	-81,141	-81,141	0,000	-68,969	-87,987	0,000
	804	5	0,000	-5,550	-73,964	-73,964	0,000	-81,506	-81,506	0,000	-69,985	-88,716	0,000
Plate_1_9	804	1	0,000	-5,550	-73,924	-73,924	0,000	-81,990	-81,990	0,000	-69,985	-88,716	0,000
Element 9-11 (Plate)	807	2	0,000	-5,586	-75,131	-75,131	0,000	-80,346	-80,346	0,000	-72,909	-90,758	0,000
(Paratia 800)	806	3	0,000	-5,622	-76,286	-76,286	0,000	-79,024	-79,024	0,000	-75,781	-92,664	0,000
	805	4	0,000	-5,658	-77,392	-77,392	0,000	-78,021	-78,021	0,000	-78,612	-94,444	0,000
	1242	5	0,000	-5,694	-78,456	-78,456	0,000	-77,336	-77,336	0,000	-81,410	-96,105	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_10	1242	1	0,000	-5,694	-78,465	-78,465	0,000	-77,285	-77,285	0,000	-81,410	-96,105	0,000
Element 10-12 (Plate)	1245	2	0,000	-5,738	-79,745	-79,745	0,000	-76,623	-76,623	0,000	-84,791	-97,980	0,000
(Paratia 800)	1244	3	0,000	-5,782	-81,006	-81,006	0,000	-76,149	-76,149	0,000	-88,148	-99,701	0,000
	1243	4	0,000	-5,826	-82,247	-82,247	0,000	-75,852	-75,852	0,000	-91,489	-101,274	0,000
	1514	5	0,000	-5,870	-83,468	-83,468	0,000	-75,720	-75,720	0,000	-94,819	-102,706	0,000
Plate_1_11	1514	1	0,000	-5,870	-83,461	-83,461	0,000	-75,269	-75,269	0,000	-94,819	-102,706	0,000
Element 12-26 (Plate)	1517	2	0,000	-5,932	-82,233	-82,233	0,000	-64,711	-64,711	0,000	-99,156	-104,503	0,000
(Paratia 800)	1516	3	0,000	-5,994	-81,042	-81,042	0,000	-55,573	-55,573	0,000	-102,886	-106,047	0,000
	1515	4	0,000	-6,056	-79,885	-79,885	0,000	-47,717	-47,717	0,000	-106,087	-107,353	0,000
	1766	5	0,000	-6,118	-78,761	-78,761	0,000	-41,004	-41,004	0,000	-108,836	-108,836	0,000
Plate_1_11	1766	1	0,000	-6,118	-78,757	-78,757	0,000	-40,771	-40,771	0,000	-108,836	-108,836	0,000
Element 12-27 (Plate)	1769	2	0,000	-6,192	-77,455	-77,455	0,000	-33,467	-33,467	0,020	-111,551	-111,551	0,000
(Paratia 800)	1768	3	0,000	-6,265	-76,179	-76,179	0,000	-26,811	-26,811	0,096	-113,756	-113,756	0,000
	1767	4	0,000	-6,338	-74,930	-74,930	0,000	-20,786	-20,786	0,163	-115,497	-115,497	0,000
	2084	5	0,000	-6,412	-73,708	-73,708	0,000	-15,377	-15,377	1,714	-116,818	-116,818	0,000
Plate_1_11	2084	1	0,000	-6,412	-73,705	-73,705	0,000	-15,329	-15,329	1,725	-116,818	-116,818	0,000
Element 12-28 (Plate)	2087	2	0,000	-6,498	-72,291	-72,291	0,000	-9,587	-9,587	4,068	-117,890	-117,890	0,000
(Paratia 800)	2086	3	0,000	-6,584	-70,902	-70,902	0,000	-4,405	-4,405	6,170	-118,491	-118,491	0,000
	2085	4	0,000	-6,671	-69,539	-69,539	0,000	0,234	0,000	8,859	-118,668	-118,668	0,000
	2440	5	0,000	-6,757	-68,202	-68,202	0,000	4,348	0,000	11,491	-118,466	-118,466	0,000
Plate_1_11	2440	1	0,000	-6,757	-68,200	-68,200	0,000	4,388	0,000	11,503	-118,466	-118,466	0,000
Element 12-29 (Plate)	2441	2	0,000	-6,859	-66,653	-66,653	0,000	8,691	0,000	14,292	-117,795	-117,795	0,000
(Paratia 800)	2442	3	0,000	-6,961	-65,133	-65,133	0,000	12,499	0,000	16,841	-116,710	-116,710	0,000
	2443	4	0,000	-7,063	-63,643	-63,643	0,000	15,828	0,000	19,095	-115,260	-115,260	0,000
	2830	5	0,000	-7,165	-62,182	-62,182	0,000	18,692	0,000	21,033	-113,496	-113,496	0,000
Plate_1_11	2830	1	0,000	-7,165	-62,180	-62,180	0,000	18,725	0,000	21,050	-113,496	-113,496	0,000
Element 12-30 (Plate)	2831	2	0,000	-7,286	-60,490	-60,490	0,000	21,605	0,000	23,261	-111,064	-111,064	0,000
(Paratia 800)	2832	3	0,000	-7,406	-58,832	-58,832	0,000	24,028	0,000	25,176	-108,313	-108,313	0,000
	2833	4	0,000	-7,527	-57,209	-57,209	0,000	26,005	0,000	26,692	-105,296	-105,296	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	3320	5	0,000	-7,647	-55,621	-55,621	0,000	27,548	0,000	27,919	-102,069	-102,069	0,000
Plate_1_11	3320	1	0,000	-7,647	-55,619	-55,619	0,000	27,577	0,000	27,950	-102,069	-102,069	0,000
Element 12-31 (Plate)	3321	2	0,000	-7,789	-53,785	-53,785	0,000	28,932	0,000	29,188	-98,051	-98,051	0,000
(Paratia 800)	3322	3	0,000	-7,931	-51,991	-51,991	0,000	29,857	0,000	30,004	-93,870	-93,870	0,000
	3323	4	0,000	-8,073	-50,238	-50,238	0,000	30,368	0,000	30,414	-89,587	-89,587	0,000
	3792	5	0,000	-8,215	-48,526	-48,526	0,000	30,482	0,000	30,482	-85,262	-85,262	0,000
Plate_1_11	3792	1	0,000	-8,215	-48,524	-48,524	0,000	30,512	0,000	30,512	-85,262	-85,262	0,000
Element 12-32 (Plate)	3795	2	0,000	-8,383	-46,554	-46,554	0,000	30,227	0,000	30,227	-80,168	-80,168	0,000
(Paratia 800)	3794	3	0,000	-8,550	-44,633	-44,633	0,000	29,572	0,000	29,572	-75,151	-75,151	0,000
	3793	4	0,000	-8,718	-42,762	-42,762	0,000	28,566	0,000	28,566	-70,272	-70,272	0,000
	4000	5	0,000	-8,886	-40,941	-40,941	0,000	27,225	0,000	27,225	-65,594	-65,594	0,000
Plate_1_11	4000	1	0,000	-8,886	-40,939	-40,939	0,000	27,257	0,000	27,257	-65,594	-65,594	0,000
Element 12-33 (Plate)	4001	2	0,000	-9,083	-38,851	-38,851	0,000	25,333	0,000	25,333	-60,390	-60,390	0,000
(Paratia 800)	4002	3	0,000	-9,281	-36,823	-36,823	0,000	23,148	0,000	23,148	-55,591	-55,591	0,000
	4003	4	0,000	-9,479	-34,856	-34,856	0,000	20,726	0,000	20,726	-51,248	-51,248	0,000
	4562	5	0,000	-9,677	-32,952	-32,952	0,000	18,091	0,000	18,091	-47,408	-47,408	0,000
Plate_1_11	4562	1	0,000	-9,677	-32,950	-32,950	0,000	18,190	0,000	18,190	-47,408	-47,408	0,000
Element 12-34 (Plate)	4563	2	0,000	-9,910	-30,775	-30,775	0,000	14,861	0,000	14,861	-43,553	-43,553	0,000
(Paratia 800)	4564	3	0,000	-10,143	-28,677	-28,677	0,000	11,694	0,000	11,694	-40,461	-40,461	0,000
	4565	4	0,000	-10,377	-26,656	-26,656	0,000	8,818	0,000	8,818	-38,071	-38,071	0,000
	5222	5	0,000	-10,610	-24,715	-24,715	0,000	6,361	0,000	6,922	-36,312	-36,312	0,000
Plate_1_12	5222	1	0,000	-10,610	-24,725	-24,725	0,000	6,840	0,000	7,305	-36,312	-36,312	0,000
Element 13-35 (Plate)	5223	2	0,000	-10,857	-21,438	-21,438	1,303	8,592	0,000	8,592	-34,392	-34,392	0,000
(Paratia 800)	5224	3	0,000	-11,104	-18,293	-18,293	3,153	9,738	0,000	9,738	-32,116	-32,116	0,000
	5225	4	0,000	-11,351	-15,291	-15,291	4,886	10,328	0,000	10,328	-29,624	-29,624	0,000
	5528	5	0,000	-11,598	-12,436	-12,436	6,500	10,413	0,000	10,413	-27,052	-27,052	0,000
Plate_1_12	5528	1	0,000	-11,598	-12,434	-12,434	6,503	10,474	0,000	10,474	-27,052	-27,052	0,000
Element 13-36 (Plate)	5529	2	0,000	-11,852	-9,648	-11,892	8,041	10,251	0,000	10,251	-24,419	-24,419	0,000
(Paratia 800)	5530	3	0,000	-12,106	-7,008	-11,706	9,465	9,795	0,000	9,795	-21,873	-21,873	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	5531	4	0,000	-12,359	-4,516	-11,519	10,774	9,139	0,000	9,139	-19,467	-19,467	0,000
	6014	5	0,000	-12,613	-2,173	-11,330	11,968	8,312	0,000	8,312	-17,251	-17,251	0,000
Plate_1_12	6014	1	0,000	-12,613	-2,173	-11,329	11,970	8,348	0,000	8,348	-17,251	-17,251	0,000
Element 13-37 (Plate)	6015	2	0,000	-12,873	0,071	-11,133	13,080	7,517	0,000	7,517	-15,188	-15,188	0,000
(Paratia 800)	6016	3	0,000	-13,133	2,157	-10,931	14,076	6,719	0,000	6,719	-13,336	-13,336	0,000
	6017	4	0,000	-13,394	4,082	-10,726	14,959	5,961	0,000	5,961	-11,686	-11,686	0,000
	6442	5	0,000	-13,654	5,847	-10,516	15,728	5,249	0,000	5,249	-10,229	-10,229	0,000
Plate_1_12	6442	1	0,000	-13,654	5,849	-10,515	15,730	5,250	0,000	5,250	-10,229	-10,229	0,000
Element 13-38 (Plate)	6443	2	0,000	-13,921	7,496	-10,294	16,404	4,580	0,000	4,580	-8,918	-8,918	0,000
(Paratia 800)	6444	3	0,000	-14,188	8,981	-10,066	16,966	3,971	0,000	3,971	-7,777	-7,777	0,000
	6445	4	0,000	-14,455	10,304	-9,831	17,415	3,423	0,000	3,423	-6,791	-6,791	0,000
	6992	5	0,000	-14,722	11,463	-9,589	17,751	2,937	0,000	2,937	-5,943	-5,943	0,000
Plate_1_12	6992	1	0,000	-14,722	11,465	-9,588	17,752	2,935	0,000	2,935	-5,943	-5,943	0,000
Element 13-39 (Plate)	6993	2	0,000	-14,996	12,488	-9,331	17,982	2,496	0,000	2,496	-5,200	-5,207	0,000
(Paratia 800)	6994	3	0,000	-15,271	13,347	-9,063	18,099	2,108	0,000	2,108	-4,570	-4,585	0,000
	6995	4	0,000	-15,545	14,040	-8,785	18,103	1,771	0,000	1,771	-4,039	-4,058	0,000
	7644	5	0,000	-15,819	14,569	-8,496	17,994	1,482	0,000	1,482	-3,595	-3,615	0,012
Plate_1_12	7644	1	0,000	-15,819	14,570	-8,495	17,995	1,480	0,000	1,480	-3,595	-3,615	0,012
Element 13-40 (Plate)	7645	2	0,000	-16,100	14,944	-8,186	17,768	1,226	0,000	1,250	-3,215	-3,235	0,024
(Paratia 800)	7646	3	0,000	-16,381	15,150	-7,862	17,427	1,008	0,000	1,071	-2,901	-2,919	0,037
	7647	4	0,000	-16,663	15,188	-7,522	16,971	0,824	0,000	0,920	-2,645	-2,660	0,048
	8054	5	0,000	-16,944	15,059	-7,166	16,402	0,673	0,000	0,796	-2,435	-2,446	0,057
Plate_1_12	8054	1	0,000	-16,944	15,060	-7,164	16,403	0,672	0,000	0,795	-2,435	-2,446	0,057
Element 13-41 (Plate)	8055	2	0,000	-17,233	14,756	-6,781	15,702	0,543	0,000	0,689	-2,260	-2,267	0,080
(Paratia 800)	8056	3	0,000	-17,521	14,280	-6,375	15,008	0,442	0,000	0,604	-2,118	-2,122	0,098
	8057	4	0,000	-17,810	13,633	-5,945	14,177	0,368	0,000	0,539	-2,002	-2,002	0,111
	8538	5	0,000	-18,099	12,815	-5,491	13,205	0,323	-0,007	0,494	-1,903	-1,903	0,118
Plate_1_12	8538	1	0,000	-18,099	12,817	-5,487	13,206	0,323	-0,007	0,495	-1,903	-1,903	0,118
Element 13-42 (Plate)	8539	2	0,000	-18,395	11,801	-4,992	12,103	0,298	-0,017	0,463	-1,813	-1,813	0,118

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
(Paratia 800)	8540	3	0,000	-18,691	10,612	-4,457	10,868	0,315	-0,032	0,456	-1,722	-1,722	0,112
	8541	4	0,000	-18,988	9,251	-3,882	9,465	0,357	-0,053	0,463	-1,623	-1,623	0,099
	9120	5	0,000	-19,284	7,720	-3,266	7,895	0,406	-0,070	0,473	-1,510	-1,510	0,082
Plate_1_12	9120	1	0,000	-19,284	7,740	-3,254	7,913	0,530	-0,078	0,543	-1,510	-1,510	0,082
Element 13-43 (Plate)	9121	2	0,000	-19,588	5,965	-2,575	6,103	0,518	-0,075	0,518	-1,415	-1,415	0,060
(Paratia 800)	9122	3	0,000	-19,892	4,053	-1,814	4,154	1,535	-0,077	1,535	-1,065	-1,065	0,037
	9123	4	0,000	-20,196	2,031	-0,963	2,089	2,112	-0,067	2,112	-0,526	-0,529	0,015
	9124	5	0,000	-20,500	-0,077	-0,077	0,000	0,779	-0,025	0,860	0,000	0,000	0,000

3.1.1.1.6 Calculation results, Plate, scavo totale a valle [Phase_5] (5/22), Table of plate force envelopes

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_1	361	1	0,000	-0,500	0,013	0,000	0,013	-0,261	-0,261	0,043	0,000	0,000	0,000
Element 1-1 (Plate)	360	2	0,000	-0,625	-1,357	-1,357	0,000	4,408	-0,071	4,408	0,273	-0,007	0,273
(Paratia 800)	359	3	0,000	-0,750	-2,736	-2,736	0,000	7,791	-0,075	7,904	1,048	-0,016	1,054
	358	4	0,000	-0,875	-4,124	-4,124	0,000	9,971	-0,052	10,311	2,171	-0,024	2,204
	357	5	0,000	-1,000	-5,518	-5,518	0,000	11,032	-0,013	11,630	3,495	-0,029	3,586
Plate_1_2	357	1	0,000	-1,000	-5,522	-5,522	0,000	11,210	-0,020	11,799	3,495	-0,029	3,586
Element 2-2 (Plate)	168	2	0,000	-1,250	-8,332	-8,332	0,000	12,101	0,000	13,097	6,427	-0,025	6,718
(Paratia 800)	167	3	0,000	-1,500	-11,197	-11,197	0,000	12,071	0,000	13,425	9,468	-0,007	10,054
	166	4	0,000	-1,750	-14,119	-14,119	0,000	11,146	0,000	12,812	12,390	0,000	13,354
	189	5	0,000	-2,000	-17,097	-17,097	0,000	9,351	0,000	11,285	14,969	0,000	16,384
Plate_1_3	189	1	0,000	-2,000	-17,102	-17,102	0,000	9,364	0,000	11,302	14,969	0,000	16,384
Element 3-3 (Plate)	192	2	0,000	-2,125	-18,619	-18,619	0,000	8,161	0,000	10,221	16,066	0,000	17,731
(Paratia 800)	191	3	0,000	-2,250	-20,157	-20,157	0,000	6,754	0,000	8,929	17,001	0,000	18,930
	190	4	0,000	-2,375	-21,715	-21,715	0,000	5,144	0,000	7,425	17,747	0,000	19,955
	209	5	0,000	-2,500	-23,291	-23,291	0,000	3,331	0,000	5,710	18,279	0,000	20,778
Plate_1_4	209	1	0,000	-2,500	-23,294	-23,294	0,000	3,333	0,000	5,712	18,279	0,000	20,778
Element 4-4 (Plate)	212	2	0,000	-2,750	-26,508	-26,508	0,000	-0,919	-2,348	1,650	18,597	0,000	21,713
(Paratia 800)	211	3	0,000	-3,000	-29,817	-29,817	0,000	-5,990	-7,622	0,001	17,750	0,000	21,522
	210	4	0,000	-3,250	-33,217	-33,217	0,000	-11,881	-13,765	0,000	15,533	0,000	19,991
	229	5	0,000	-3,500	-36,708	-36,708	0,000	-18,592	-20,779	0,000	11,742	0,000	16,908
Plate_1_5	229	1	0,000	-3,500	-36,710	-36,710	0,000	-18,589	-20,778	0,000	11,742	0,000	16,908
Element 5-5 (Plate)	232	2	0,000	-3,673	-39,176	-39,176	0,000	-23,695	-26,125	0,000	8,102	-0,046	13,765
(Paratia 800)	231	3	0,000	-3,845	-41,690	-41,690	0,000	-29,188	-31,891	0,000	3,545	-1,009	9,709
	230	4	0,000	-4,018	-44,249	-44,249	0,000	-35,066	-38,072	0,000	-1,993	-7,038	4,674
	249	5	0,000	-4,190	-46,853	-46,853	0,000	-41,324	-44,667	0,000	-8,575	-14,167	0,409
Plate_1_6	249	1	0,000	-4,190	-63,683	-63,683	0,000	-12,253	-43,673	0,000	-8,575	-14,167	0,409

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Element 6-6 (Plate)	252	2	0,000	-4,268	-64,867	-64,867	0,000	-15,187	-46,767	0,000	-9,637	-17,670	0,000
(Paratia 800)	251	3	0,000	-4,345	-66,060	-66,060	0,000	-18,194	-49,949	0,000	-10,931	-21,418	0,000
	250	4	0,000	-4,423	-67,262	-67,262	0,000	-21,274	-53,213	0,000	-12,460	-25,416	0,000
	448	5	0,000	-4,500	-68,471	-68,471	0,000	-24,424	-56,556	0,000	-14,230	-29,668	0,000
Plate_1_7	448	1	0,000	-4,500	-68,471	-68,471	0,000	-24,424	-56,238	0,000	-14,230	-29,668	0,000
Element 7-7 (Plate)	451	2	0,000	-4,611	-70,220	-70,220	0,000	-29,069	-55,587	0,000	-17,202	-35,880	0,000
(Paratia 800)	450	3	0,000	-4,722	-71,982	-71,982	0,000	-33,854	-55,240	0,000	-20,699	-42,040	0,000
	449	4	0,000	-4,834	-73,757	-73,757	0,000	-38,772	-55,172	0,000	-24,736	-48,177	0,000
	468	5	0,000	-4,945	-75,543	-75,543	0,000	-43,819	-55,353	0,000	-29,325	-54,318	0,000
Plate_1_7	468	1	0,000	-4,945	-75,541	-75,541	0,000	-43,814	-55,324	0,000	-29,325	-54,318	0,000
Element 7-8 (Plate)	471	2	0,000	-5,025	-76,837	-76,837	0,000	-47,540	-56,936	0,000	-33,002	-58,779	0,000
(Paratia 800)	470	3	0,000	-5,106	-78,132	-78,132	0,000	-51,311	-60,760	0,000	-36,982	-63,265	0,000
	469	4	0,000	-5,186	-79,422	-79,422	0,000	-55,122	-64,627	0,000	-41,267	-67,782	0,000
	491	5	0,000	-5,267	-80,705	-80,705	0,000	-58,964	-68,529	0,000	-45,859	-72,339	0,000
Plate_1_7	491	1	0,000	-5,267	-80,699	-80,699	0,000	-58,956	-68,522	0,000	-45,859	-72,339	0,000
Element 7-9 (Plate)	490	2	0,000	-5,325	-81,620	-81,620	0,000	-61,741	-71,354	0,000	-49,376	-75,667	0,000
(Paratia 800)	489	3	0,000	-5,383	-82,515	-82,515	0,000	-64,500	-74,166	0,000	-53,058	-79,022	0,000
	488	4	0,000	-5,442	-83,380	-83,380	0,000	-67,210	-76,935	0,000	-56,898	-82,400	0,000
	502	5	0,000	-5,500	-84,208	-84,208	0,000	-69,849	-79,639	0,000	-60,893	-85,798	0,000
Plate_1_8	502	1	0,000	-5,500	-84,193	-84,193	0,000	-69,824	-79,616	0,000	-60,893	-85,798	0,000
Element 8-10 (Plate)	505	2	0,000	-5,512	-84,355	-84,355	0,000	-70,368	-80,175	0,000	-61,769	-86,527	0,000
(Paratia 800)	504	3	0,000	-5,525	-84,508	-84,508	0,000	-70,867	-80,690	0,000	-62,652	-87,258	0,000
	503	4	0,000	-5,537	-84,651	-84,651	0,000	-71,299	-81,141	0,000	-63,541	-87,987	0,000
	804	5	0,000	-5,550	-84,782	-84,782	0,000	-71,645	-81,506	0,000	-64,435	-88,716	0,000
Plate_1_9	804	1	0,000	-5,550	-84,729	-84,729	0,000	-72,162	-81,990	0,000	-64,435	-88,716	0,000
Element 9-11 (Plate)	807	2	0,000	-5,586	-86,094	-86,094	0,000	-70,149	-80,346	0,000	-66,998	-90,758	0,000
(Paratia 800)	806	3	0,000	-5,622	-87,404	-87,404	0,000	-68,518	-79,024	0,000	-69,496	-92,664	0,000
	805	4	0,000	-5,658	-88,665	-88,665	0,000	-67,257	-78,021	0,000	-71,943	-94,444	0,000
	1242	5	0,000	-5,694	-89,881	-89,881	0,000	-66,358	-77,336	0,000	-74,350	-96,105	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_10	1242	1	0,000	-5,694	-89,891	-89,891	0,000	-66,300	-77,285	0,000	-74,350	-96,105	0,000
Element 10-12 (Plate)	1245	2	0,000	-5,738	-91,357	-91,357	0,000	-65,391	-76,623	0,000	-77,242	-97,980	0,000
(Paratia 800)	1244	3	0,000	-5,782	-92,803	-92,803	0,000	-64,688	-76,149	0,000	-80,101	-99,701	0,000
	1243	4	0,000	-5,826	-94,228	-94,228	0,000	-64,177	-75,852	0,000	-82,933	-101,274	0,000
	1514	5	0,000	-5,870	-95,634	-95,634	0,000	-63,845	-75,720	0,000	-85,745	-102,706	0,000
Plate_1_11	1514	1	0,000	-5,870	-95,626	-95,626	0,000	-63,413	-75,269	0,000	-85,745	-102,706	0,000
Element 12-26 (Plate)	1517	2	0,000	-5,932	-94,824	-94,824	0,000	-53,698	-64,711	0,000	-89,373	-104,503	0,000
(Paratia 800)	1516	3	0,000	-5,994	-94,055	-94,055	0,000	-45,307	-55,573	0,000	-92,442	-106,047	0,000
	1515	4	0,000	-6,056	-93,318	-93,318	0,000	-38,105	-47,717	0,000	-95,026	-107,353	0,000
	1766	5	0,000	-6,118	-92,612	-92,612	0,000	-31,960	-41,004	0,000	-97,197	-108,836	0,000
Plate_1_11	1766	1	0,000	-6,118	-92,608	-92,608	0,000	-31,741	-40,771	0,000	-97,197	-108,836	0,000
Element 12-27 (Plate)	1769	2	0,000	-6,192	-91,794	-91,794	0,000	-25,052	-33,467	0,020	-99,273	-111,551	0,000
(Paratia 800)	1768	3	0,000	-6,265	-91,004	-91,004	0,000	-18,962	-26,811	0,096	-100,883	-113,756	0,000
	1767	4	0,000	-6,338	-90,236	-90,236	0,000	-13,459	-20,786	0,163	-102,067	-115,497	0,000
	2084	5	0,000	-6,412	-89,492	-89,492	0,000	-8,526	-15,377	1,714	-102,869	-116,818	0,000
Plate_1_11	2084	1	0,000	-6,412	-89,490	-89,490	0,000	-8,482	-15,329	1,725	-102,869	-116,818	0,000
Element 12-28 (Plate)	2087	2	0,000	-6,498	-88,634	-88,634	0,000	-3,264	-9,587	4,068	-103,373	-117,890	0,000
(Paratia 800)	2086	3	0,000	-6,584	-87,799	-87,799	0,000	1,429	-4,405	6,170	-103,449	-118,491	0,000
	2085	4	0,000	-6,671	-86,985	-86,985	0,000	5,614	0,000	8,859	-103,140	-118,668	0,000
	2440	5	0,000	-6,757	-86,192	-86,192	0,000	9,306	0,000	11,491	-102,492	-118,466	0,000
Plate_1_11	2440	1	0,000	-6,757	-86,190	-86,190	0,000	9,343	0,000	11,503	-102,492	-118,466	0,000
Element 12-29 (Plate)	2441	2	0,000	-6,859	-85,278	-85,278	0,000	13,184	0,000	14,292	-101,339	-117,795	0,000
(Paratia 800)	2442	3	0,000	-6,961	-84,387	-84,387	0,000	16,563	0,000	16,841	-99,818	-116,710	0,000
	2443	4	0,000	-7,063	-83,518	-83,518	0,000	19,493	0,000	19,493	-97,974	-115,260	0,000
	2830	5	0,000	-7,165	-82,671	-82,671	0,000	21,988	0,000	21,988	-95,855	-113,496	0,000
Plate_1_11	2830	1	0,000	-7,165	-82,669	-82,669	0,000	22,017	0,000	22,017	-95,855	-113,496	0,000
Element 12-30 (Plate)	2831	2	0,000	-7,286	-81,694	-81,694	0,000	24,494	0,000	24,494	-93,052	-111,064	0,000
(Paratia 800)	2832	3	0,000	-7,406	-80,743	-80,743	0,000	26,538	0,000	26,538	-89,975	-108,313	0,000
	2833	4	0,000	-7,527	-79,816	-79,816	0,000	28,157	0,000	28,157	-86,678	-105,296	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	3320	5	0,000	-7,647	-78,912	-78,912	0,000	29,364	0,000	29,364	-83,213	-102,069	0,000
Plate_1_11	3320	1	0,000	-7,647	-78,911	-78,911	0,000	29,385	0,000	29,385	-83,213	-102,069	0,000
Element 12-31 (Plate)	3321	2	0,000	-7,789	-77,873	-77,873	0,000	30,355	0,000	30,355	-78,965	-98,051	0,000
(Paratia 800)	3322	3	0,000	-7,931	-76,861	-76,861	0,000	30,881	0,000	30,881	-74,610	-93,870	0,000
	3323	4	0,000	-8,073	-75,875	-75,875	0,000	30,976	0,000	30,976	-70,211	-89,587	0,000
	3792	5	0,000	-8,215	-74,917	-74,917	0,000	30,654	0,000	30,654	-65,830	-85,262	0,000
Plate_1_11	3792	1	0,000	-8,215	-74,915	-74,915	0,000	30,689	0,000	30,689	-65,830	-85,262	0,000
Element 12-32 (Plate)	3795	2	0,000	-8,383	-73,815	-73,815	0,000	29,880	0,000	30,227	-60,750	-80,168	0,000
(Paratia 800)	3794	3	0,000	-8,550	-72,743	-72,743	0,000	28,712	0,000	29,572	-55,834	-75,151	0,000
	3793	4	0,000	-8,718	-71,699	-71,699	0,000	27,208	0,000	28,566	-51,142	-70,272	0,000
	4000	5	0,000	-8,886	-70,683	-70,683	0,000	25,393	0,000	27,225	-46,731	-65,594	0,000
Plate_1_11	4000	1	0,000	-8,886	-70,681	-70,681	0,000	25,431	0,000	27,257	-46,731	-65,594	0,000
Element 12-33 (Plate)	4001	2	0,000	-9,083	-69,513	-69,513	0,000	23,006	0,000	25,333	-41,939	-60,390	0,000
(Paratia 800)	4002	3	0,000	-9,281	-68,371	-68,371	0,000	20,393	0,000	23,148	-37,645	-55,591	0,000
	4003	4	0,000	-9,479	-67,256	-67,256	0,000	17,618	0,000	20,726	-33,882	-51,248	0,000
	4562	5	0,000	-9,677	-66,167	-66,167	0,000	14,710	0,000	18,091	-30,684	-47,408	0,000
Plate_1_11	4562	1	0,000	-9,677	-66,163	-66,163	0,000	14,838	0,000	18,190	-30,684	-47,408	0,000
Element 12-34 (Plate)	4563	2	0,000	-9,910	-64,902	-64,902	0,000	11,289	0,000	14,861	-27,641	-43,553	0,000
(Paratia 800)	4564	3	0,000	-10,143	-63,656	-63,656	0,000	8,136	0,000	11,694	-25,388	-40,461	0,000
	4565	4	0,000	-10,377	-62,425	-62,425	0,000	5,560	0,000	8,818	-23,798	-38,071	0,000
	5222	5	0,000	-10,610	-61,211	-61,211	0,000	3,743	0,000	6,922	-22,731	-36,312	0,000
Plate_1_12	5222	1	0,000	-10,610	-61,217	-61,217	0,000	4,641	0,000	7,305	-22,731	-36,312	0,000
Element 13-35 (Plate)	5223	2	0,000	-10,857	-58,977	-58,977	1,303	6,967	0,000	8,592	-21,276	-34,392	0,000
(Paratia 800)	5224	3	0,000	-11,104	-56,785	-56,785	3,153	8,413	0,000	9,738	-19,363	-32,116	0,000
	5225	4	0,000	-11,351	-54,643	-54,643	4,886	9,128	0,000	10,328	-17,177	-29,624	0,000
	5528	5	0,000	-11,598	-52,553	-52,553	6,500	9,263	0,000	10,413	-14,897	-27,052	0,000
Plate_1_12	5528	1	0,000	-11,598	-52,551	-52,551	6,503	9,363	0,000	10,474	-14,897	-27,052	0,000
Element 13-36 (Plate)	5529	2	0,000	-11,852	-50,456	-50,456	8,041	9,312	0,000	10,251	-12,525	-24,419	0,000
(Paratia 800)	5530	3	0,000	-12,106	-48,407	-48,407	9,465	9,086	0,000	9,795	-10,189	-21,873	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	5531	4	0,000	-12,359	-46,404	-46,404	10,774	8,707	0,000	9,207	-7,928	-19,467	0,000
	6014	5	0,000	-12,613	-44,448	-44,448	11,968	8,195	0,000	8,535	-5,783	-17,251	0,000
Plate_1_12	6014	1	0,000	-12,613	-44,446	-44,446	11,970	8,212	0,000	8,559	-5,783	-17,251	0,000
Element 13-37 (Plate)	6015	2	0,000	-12,873	-42,484	-42,484	13,080	7,616	0,000	7,854	-3,723	-15,188	0,000
(Paratia 800)	6016	3	0,000	-13,133	-40,563	-40,563	14,076	6,983	0,000	7,153	-1,823	-13,336	0,000
	6017	4	0,000	-13,394	-38,687	-38,687	14,959	6,324	0,000	6,408	-0,090	-11,686	0,000
	6442	5	0,000	-13,654	-36,855	-36,855	15,728	5,650	0,000	5,650	1,468	-10,229	1,468
Plate_1_12	6442	1	0,000	-13,654	-36,854	-36,854	15,730	5,655	0,000	5,655	1,468	-10,229	1,468
Element 13-38 (Plate)	6443	2	0,000	-13,921	-35,018	-35,018	16,404	4,975	0,000	4,975	2,887	-8,918	2,887
(Paratia 800)	6444	3	0,000	-14,188	-33,226	-33,226	16,966	4,319	0,000	4,319	4,128	-7,777	4,128
	6445	4	0,000	-14,455	-31,479	-31,479	17,415	3,687	0,000	3,687	5,197	-6,791	5,197
	6992	5	0,000	-14,722	-29,777	-29,777	17,751	3,082	0,000	3,082	6,100	-5,943	6,100
Plate_1_12	6992	1	0,000	-14,722	-29,776	-29,776	17,752	3,081	0,000	3,081	6,100	-5,943	6,100
Element 13-39 (Plate)	6993	2	0,000	-14,996	-28,074	-28,074	17,982	2,491	0,000	2,496	6,863	-5,207	6,863
(Paratia 800)	6994	3	0,000	-15,271	-26,416	-26,416	18,099	1,927	0,000	2,108	7,468	-4,585	7,468
	6995	4	0,000	-15,545	-24,804	-24,804	18,103	1,387	0,000	1,771	7,922	-4,058	7,922
	7644	5	0,000	-15,819	-23,240	-23,240	17,994	0,869	0,000	1,482	8,231	-3,615	8,231
Plate_1_12	7644	1	0,000	-15,819	-23,239	-23,239	17,995	0,872	0,000	1,480	8,231	-3,615	8,231
Element 13-40 (Plate)	7645	2	0,000	-16,100	-21,679	-21,679	17,768	0,342	0,000	1,250	8,401	-3,235	8,401
(Paratia 800)	7646	3	0,000	-16,381	-20,166	-20,166	17,427	-0,176	-0,180	1,071	8,424	-2,919	8,424
	7647	4	0,000	-16,663	-18,700	-18,700	16,971	-0,675	-0,675	0,920	8,304	-2,660	8,304
	8054	5	0,000	-16,944	-17,282	-17,282	16,402	-1,148	-1,148	0,796	8,047	-2,446	8,047
Plate_1_12	8054	1	0,000	-16,944	-17,279	-17,279	16,403	-1,144	-1,144	0,795	8,047	-2,446	8,047
Element 13-41 (Plate)	8055	2	0,000	-17,233	-15,871	-15,871	15,702	-1,592	-1,592	0,689	7,652	-2,267	7,652
(Paratia 800)	8056	3	0,000	-17,521	-14,499	-14,499	15,008	-2,018	-2,018	0,604	7,130	-2,122	7,130
	8057	4	0,000	-17,810	-13,163	-13,163	14,177	-2,419	-2,419	0,539	6,489	-2,002	6,489
	8538	5	0,000	-18,099	-11,861	-11,861	13,205	-2,796	-2,796	0,494	5,736	-1,903	5,736
Plate_1_12	8538	1	0,000	-18,099	-11,852	-11,852	13,206	-2,785	-2,785	0,495	5,736	-1,903	5,736
Element 13-42 (Plate)	8539	2	0,000	-18,395	-10,543	-10,543	12,103	-3,149	-3,149	0,463	4,854	-1,813	4,854

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
(Paratia 800)	8540	3	0,000	-18,691	-9,234	-9,234	10,868	-3,406	-3,406	0,456	3,881	-1,722	3,881
	8541	4	0,000	-18,988	-7,921	-7,921	9,465	-3,573	-3,573	0,463	2,844	-1,623	2,844
	9120	5	0,000	-19,284	-6,600	-6,600	7,895	-3,670	-3,670	0,473	1,770	-1,510	1,770
Plate_1_12	9120	1	0,000	-19,284	-6,542	-6,542	7,913	-3,469	-3,469	0,543	1,770	-1,510	1,770
Element 13-43 (Plate)	9121	2	0,000	-19,588	-5,221	-5,221	6,103	-3,335	-3,335	0,518	0,620	-1,415	0,620
(Paratia 800)	9122	3	0,000	-19,892	-3,746	-3,746	4,154	-1,166	-1,166	1,535	-0,009	-1,065	0,037
	9123	4	0,000	-20,196	-2,070	-2,070	2,089	0,569	-0,067	2,112	-0,133	-0,529	0,015
	9124	5	0,000	-20,500	-0,143	-0,143	0,000	-0,598	-0,598	0,860	0,000	0,000	0,000

3.1.1.1.7 Calculation results, Plate, falda a -5 m [Phase_6] (6/26), Table of plate force envelopes

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_1	361	1	0,000	-0,500	0,013	0,000	0,013	-0,268	-0,268	0,043	0,000	0,000	0,000
Element 1-1 (Plate)	360	2	0,000	-0,625	-1,357	-1,357	0,000	4,427	-0,071	4,427	0,274	-0,007	0,274
(Paratia 800)	359	3	0,000	-0,750	-2,737	-2,737	0,000	7,814	-0,075	7,904	1,052	-0,016	1,054
	358	4	0,000	-0,875	-4,124	-4,124	0,000	9,988	-0,052	10,311	2,178	-0,024	2,204
	357	5	0,000	-1,000	-5,518	-5,518	0,000	11,044	-0,013	11,630	3,503	-0,029	3,586
Plate_1_2	357	1	0,000	-1,000	-5,523	-5,523	0,000	11,222	-0,020	11,799	3,503	-0,029	3,586
Element 2-2 (Plate)	168	2	0,000	-1,250	-8,331	-8,332	0,000	12,107	0,000	13,097	6,438	-0,025	6,718
(Paratia 800)	167	3	0,000	-1,500	-11,196	-11,197	0,000	12,074	0,000	13,425	9,480	-0,007	10,054
	166	4	0,000	-1,750	-14,116	-14,119	0,000	11,145	0,000	12,812	12,402	0,000	13,354
	189	5	0,000	-2,000	-17,093	-17,097	0,000	9,346	0,000	11,285	14,980	0,000	16,384
Plate_1_3	189	1	0,000	-2,000	-17,098	-17,102	0,000	9,358	0,000	11,302	14,980	0,000	16,384
Element 3-3 (Plate)	192	2	0,000	-2,125	-18,615	-18,619	0,000	8,153	0,000	10,221	16,076	0,000	17,731
(Paratia 800)	191	3	0,000	-2,250	-20,152	-20,157	0,000	6,744	0,000	8,929	17,010	0,000	18,930
	190	4	0,000	-2,375	-21,709	-21,715	0,000	5,132	0,000	7,425	17,754	0,000	19,955
	209	5	0,000	-2,500	-23,285	-23,291	0,000	3,316	0,000	5,710	18,284	0,000	20,778
Plate_1_4	209	1	0,000	-2,500	-23,288	-23,294	0,000	3,318	0,000	5,712	18,284	0,000	20,778
Element 4-4 (Plate)	212	2	0,000	-2,750	-26,501	-26,508	0,000	-0,939	-2,348	1,650	18,598	0,000	21,713
(Paratia 800)	211	3	0,000	-3,000	-29,808	-29,817	0,000	-6,016	-7,622	0,001	17,746	0,000	21,522
	210	4	0,000	-3,250	-33,207	-33,217	0,000	-11,913	-13,765	0,000	15,521	0,000	19,991
	229	5	0,000	-3,500	-36,697	-36,708	0,000	-18,629	-20,779	0,000	11,721	0,000	16,908
Plate_1_5	229	1	0,000	-3,500	-36,699	-36,710	0,000	-18,627	-20,778	0,000	11,721	0,000	16,908
Element 5-5 (Plate)	232	2	0,000	-3,673	-39,164	-39,176	0,000	-23,737	-26,125	0,000	8,074	-0,046	13,765
(Paratia 800)	231	3	0,000	-3,845	-41,677	-41,690	0,000	-29,235	-31,891	0,000	3,509	-1,009	9,709
	230	4	0,000	-4,018	-44,236	-44,249	0,000	-35,118	-38,072	0,000	-2,036	-7,038	4,674
	249	5	0,000	-4,190	-46,839	-46,853	0,000	-41,380	-44,667	0,000	-8,628	-14,167	0,409
Plate_1_6	249	1	0,000	-4,190	-63,678	-63,683	0,000	-12,294	-43,673	0,000	-8,628	-14,167	0,409

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Element 6-6 (Plate)	252	2	0,000	-4,268	-64,862	-64,867	0,000	-15,229	-46,767	0,000	-9,693	-17,670	0,000
(Paratia 800)	251	3	0,000	-4,345	-66,055	-66,060	0,000	-18,239	-49,949	0,000	-10,990	-21,418	0,000
	250	4	0,000	-4,423	-67,256	-67,262	0,000	-21,322	-53,213	0,000	-12,523	-25,416	0,000
	448	5	0,000	-4,500	-68,465	-68,471	0,000	-24,474	-56,556	0,000	-14,297	-29,668	0,000
Plate_1_7	448	1	0,000	-4,500	-68,465	-68,471	0,000	-24,474	-56,238	0,000	-14,297	-29,668	0,000
Element 7-7 (Plate)	451	2	0,000	-4,611	-70,213	-70,220	0,000	-29,123	-55,587	0,000	-17,274	-35,880	0,000
(Paratia 800)	450	3	0,000	-4,722	-71,976	-71,982	0,000	-33,913	-55,240	0,000	-20,778	-42,040	0,000
	449	4	0,000	-4,834	-73,751	-73,757	0,000	-38,838	-55,172	0,000	-24,822	-48,177	0,000
	468	5	0,000	-4,945	-75,535	-75,543	0,000	-43,891	-55,353	0,000	-29,419	-54,318	0,000
Plate_1_7	468	1	0,000	-4,945	-75,533	-75,541	0,000	-43,887	-55,324	0,000	-29,419	-54,318	0,000
Element 7-8 (Plate)	471	2	0,000	-5,025	-76,830	-76,837	0,000	-47,618	-56,936	0,000	-33,101	-58,779	0,000
(Paratia 800)	470	3	0,000	-5,106	-78,124	-78,132	0,000	-51,398	-60,760	0,000	-37,088	-63,265	0,000
	469	4	0,000	-5,186	-79,414	-79,422	0,000	-55,217	-64,627	0,000	-41,381	-67,782	0,000
	491	5	0,000	-5,267	-80,697	-80,705	0,000	-59,070	-68,529	0,000	-45,980	-72,339	0,000
Plate_1_7	491	1	0,000	-5,267	-80,691	-80,699	0,000	-59,062	-68,522	0,000	-45,980	-72,339	0,000
Element 7-9 (Plate)	490	2	0,000	-5,325	-81,612	-81,620	0,000	-61,856	-71,354	0,000	-49,504	-75,667	0,000
(Paratia 800)	489	3	0,000	-5,383	-82,507	-82,515	0,000	-64,626	-74,166	0,000	-53,193	-79,022	0,000
	488	4	0,000	-5,442	-83,372	-83,380	0,000	-67,349	-76,935	0,000	-57,041	-82,400	0,000
	502	5	0,000	-5,500	-84,200	-84,208	0,000	-70,004	-79,639	0,000	-61,045	-85,798	0,000
Plate_1_8	502	1	0,000	-5,500	-84,185	-84,193	0,000	-69,980	-79,616	0,000	-61,045	-85,798	0,000
Element 8-10 (Plate)	505	2	0,000	-5,512	-84,347	-84,355	0,000	-70,528	-80,175	0,000	-61,923	-86,527	0,000
(Paratia 800)	504	3	0,000	-5,525	-84,500	-84,508	0,000	-71,031	-80,690	0,000	-62,808	-87,258	0,000
	503	4	0,000	-5,537	-84,643	-84,651	0,000	-71,469	-81,141	0,000	-63,699	-87,987	0,000
	804	5	0,000	-5,550	-84,774	-84,782	0,000	-71,820	-81,506	0,000	-64,594	-88,716	0,000
Plate_1_9	804	1	0,000	-5,550	-84,721	-84,729	0,000	-72,333	-81,990	0,000	-64,594	-88,716	0,000
Element 9-11 (Plate)	807	2	0,000	-5,586	-86,085	-86,094	0,000	-70,327	-80,346	0,000	-67,164	-90,758	0,000
(Paratia 800)	806	3	0,000	-5,622	-87,394	-87,404	0,000	-68,703	-79,024	0,000	-69,669	-92,664	0,000
	805	4	0,000	-5,658	-88,654	-88,665	0,000	-67,450	-78,021	0,000	-72,122	-94,444	0,000
	1242	5	0,000	-5,694	-89,870	-89,881	0,000	-66,560	-77,336	0,000	-74,536	-96,105	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_10	1242	1	0,000	-5,694	-89,879	-89,891	0,000	-66,499	-77,285	0,000	-74,536	-96,105	0,000
Element 10-12 (Plate)	1245	2	0,000	-5,738	-91,344	-91,357	0,000	-65,603	-76,623	0,000	-77,438	-97,980	0,000
(Paratia 800)	1244	3	0,000	-5,782	-92,789	-92,803	0,000	-64,911	-76,149	0,000	-80,306	-99,701	0,000
	1243	4	0,000	-5,826	-94,213	-94,228	0,000	-64,415	-75,852	0,000	-83,148	-101,274	0,000
	1514	5	0,000	-5,870	-95,618	-95,634	0,000	-64,109	-75,720	0,000	-85,971	-102,706	0,000
Plate_1_11	1514	1	0,000	-5,870	-95,610	-95,626	0,000	-63,674	-75,269	0,000	-85,971	-102,706	0,000
Element 12-26 (Plate)	1517	2	0,000	-5,932	-94,799	-94,824	0,000	-53,933	-64,711	0,000	-89,615	-104,503	0,000
(Paratia 800)	1516	3	0,000	-5,994	-94,022	-94,055	0,000	-45,517	-55,573	0,000	-92,697	-106,047	0,000
	1515	4	0,000	-6,056	-93,278	-93,318	0,000	-38,293	-47,717	0,000	-95,294	-107,353	0,000
	1766	5	0,000	-6,118	-92,564	-92,612	0,000	-32,127	-41,004	0,000	-97,475	-108,836	0,000
Plate_1_11	1766	1	0,000	-6,118	-92,560	-92,608	0,000	-31,908	-40,771	0,000	-97,475	-108,836	0,000
Element 12-27 (Plate)	1769	2	0,000	-6,192	-91,737	-91,794	0,000	-25,194	-33,467	0,020	-99,563	-111,551	0,000
(Paratia 800)	1768	3	0,000	-6,265	-90,939	-91,004	0,000	-19,081	-26,811	0,096	-101,182	-113,756	0,000
	1767	4	0,000	-6,338	-90,163	-90,236	0,000	-13,556	-20,786	0,163	-102,374	-115,497	0,000
	2084	5	0,000	-6,412	-89,411	-89,492	0,000	-8,602	-15,377	1,714	-103,183	-116,818	0,000
Plate_1_11	2084	1	0,000	-6,412	-89,408	-89,490	0,000	-8,559	-15,329	1,725	-103,183	-116,818	0,000
Element 12-28 (Plate)	2087	2	0,000	-6,498	-88,543	-88,634	0,000	-3,318	-9,587	4,068	-103,692	-117,890	0,000
(Paratia 800)	2086	3	0,000	-6,584	-87,700	-87,799	0,000	1,396	-4,405	6,170	-103,771	-118,491	0,000
	2085	4	0,000	-6,671	-86,877	-86,985	0,000	5,600	0,000	8,859	-103,465	-118,668	0,000
	2440	5	0,000	-6,757	-86,077	-86,192	0,000	9,311	0,000	11,491	-102,817	-118,466	0,000
Plate_1_11	2440	1	0,000	-6,757	-86,075	-86,190	0,000	9,347	0,000	11,503	-102,817	-118,466	0,000
Element 12-29 (Plate)	2441	2	0,000	-6,859	-85,153	-85,278	0,000	13,208	0,000	14,292	-101,663	-117,795	0,000
(Paratia 800)	2442	3	0,000	-6,961	-84,254	-84,387	0,000	16,603	0,000	16,841	-100,138	-116,710	0,000
	2443	4	0,000	-7,063	-83,376	-83,518	0,000	19,548	0,000	19,548	-98,290	-115,260	0,000
	2830	5	0,000	-7,165	-82,521	-82,671	0,000	22,058	0,000	22,058	-96,164	-113,496	0,000
Plate_1_11	2830	1	0,000	-7,165	-82,519	-82,669	0,000	22,086	0,000	22,086	-96,164	-113,496	0,000
Element 12-30 (Plate)	2831	2	0,000	-7,286	-81,535	-81,694	0,000	24,577	0,000	24,577	-93,352	-111,064	0,000
(Paratia 800)	2832	3	0,000	-7,406	-80,575	-80,743	0,000	26,631	0,000	26,631	-90,265	-108,313	0,000
	2833	4	0,000	-7,527	-79,639	-79,816	0,000	28,258	0,000	28,258	-86,956	-105,296	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	3320	5	0,000	-7,647	-78,728	-78,912	0,000	29,468	0,000	29,468	-83,478	-102,069	0,000
Plate_1_11	3320	1	0,000	-7,647	-78,727	-78,911	0,000	29,490	0,000	29,490	-83,478	-102,069	0,000
Element 12-31 (Plate)	3321	2	0,000	-7,789	-77,680	-77,873	0,000	30,459	0,000	30,459	-79,216	-98,051	0,000
(Paratia 800)	3322	3	0,000	-7,931	-76,659	-76,861	0,000	30,977	0,000	30,977	-74,847	-93,870	0,000
	3323	4	0,000	-8,073	-75,666	-75,875	0,000	31,060	0,000	31,060	-70,434	-89,587	0,000
	3792	5	0,000	-8,215	-74,701	-74,917	0,000	30,720	0,000	30,720	-66,043	-85,262	0,000
Plate_1_11	3792	1	0,000	-8,215	-74,698	-74,915	0,000	30,756	0,000	30,756	-66,043	-85,262	0,000
Element 12-32 (Plate)	3795	2	0,000	-8,383	-73,590	-73,815	0,000	29,932	0,000	30,227	-60,953	-80,168	0,000
(Paratia 800)	3794	3	0,000	-8,550	-72,510	-72,743	0,000	28,753	0,000	29,572	-56,030	-75,151	0,000
	3793	4	0,000	-8,718	-71,459	-71,699	0,000	27,243	0,000	28,566	-51,331	-70,272	0,000
	4000	5	0,000	-8,886	-70,436	-70,683	0,000	25,427	0,000	27,225	-46,915	-65,594	0,000
Plate_1_11	4000	1	0,000	-8,886	-70,434	-70,681	0,000	25,465	0,000	27,257	-46,915	-65,594	0,000
Element 12-33 (Plate)	4001	2	0,000	-9,083	-69,258	-69,513	0,000	23,041	0,000	25,333	-42,116	-60,390	0,000
(Paratia 800)	4002	3	0,000	-9,281	-68,109	-68,371	0,000	20,429	0,000	23,148	-37,814	-55,591	0,000
	4003	4	0,000	-9,479	-66,988	-67,256	0,000	17,656	0,000	20,726	-34,044	-51,248	0,000
	4562	5	0,000	-9,677	-65,893	-66,167	0,000	14,747	0,000	18,091	-30,839	-47,408	0,000
Plate_1_11	4562	1	0,000	-9,677	-65,890	-66,163	0,000	14,872	0,000	18,190	-30,839	-47,408	0,000
Element 12-34 (Plate)	4563	2	0,000	-9,910	-64,623	-64,902	0,000	11,316	0,000	14,861	-27,788	-43,553	0,000
(Paratia 800)	4564	3	0,000	-10,143	-63,372	-63,656	0,000	8,156	0,000	11,694	-25,530	-40,461	0,000
	4565	4	0,000	-10,377	-62,137	-62,425	0,000	5,573	0,000	8,818	-23,936	-38,071	0,000
	5222	5	0,000	-10,610	-60,920	-61,211	0,000	3,747	0,000	6,922	-22,867	-36,312	0,000
Plate_1_12	5222	1	0,000	-10,610	-60,926	-61,217	0,000	4,636	0,000	7,305	-22,867	-36,312	0,000
Element 13-35 (Plate)	5223	2	0,000	-10,857	-58,682	-58,977	1,303	6,959	0,000	8,592	-21,414	-34,392	0,000
(Paratia 800)	5224	3	0,000	-11,104	-56,487	-56,785	3,153	8,403	0,000	9,738	-19,502	-32,116	0,000
	5225	4	0,000	-11,351	-54,343	-54,643	4,886	9,118	0,000	10,328	-17,320	-29,624	0,000
	5528	5	0,000	-11,598	-52,253	-52,553	6,500	9,258	0,000	10,413	-15,041	-27,052	0,000
Plate_1_12	5528	1	0,000	-11,598	-52,250	-52,551	6,503	9,355	0,000	10,474	-15,041	-27,052	0,000
Element 13-36 (Plate)	5529	2	0,000	-11,852	-50,154	-50,456	8,041	9,307	0,000	10,251	-12,671	-24,419	0,000
(Paratia 800)	5530	3	0,000	-12,106	-48,105	-48,407	9,465	9,085	0,000	9,795	-10,335	-21,873	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	5531	4	0,000	-12,359	-46,102	-46,404	10,774	8,707	0,000	9,207	-8,075	-19,467	0,000
	6014	5	0,000	-12,613	-44,148	-44,448	11,968	8,194	0,000	8,535	-5,930	-17,251	0,000
Plate_1_12	6014	1	0,000	-12,613	-44,146	-44,446	11,970	8,207	0,000	8,559	-5,930	-17,251	0,000
Element 13-37 (Plate)	6015	2	0,000	-12,873	-42,187	-42,484	13,080	7,612	0,000	7,854	-3,871	-15,188	0,000
(Paratia 800)	6016	3	0,000	-13,133	-40,271	-40,563	14,076	6,981	0,000	7,153	-1,971	-13,336	0,000
	6017	4	0,000	-13,394	-38,401	-38,687	14,959	6,327	0,000	6,408	-0,238	-11,686	0,000
	6442	5	0,000	-13,654	-36,576	-36,855	15,728	5,661	0,000	5,661	1,322	-10,229	1,468
Plate_1_12	6442	1	0,000	-13,654	-36,574	-36,854	15,730	5,665	0,000	5,665	1,322	-10,229	1,468
Element 13-38 (Plate)	6443	2	0,000	-13,921	-34,746	-35,018	16,404	4,995	0,000	4,995	2,744	-8,918	2,887
(Paratia 800)	6444	3	0,000	-14,188	-32,960	-33,226	16,966	4,349	0,000	4,349	3,992	-7,777	4,128
	6445	4	0,000	-14,455	-31,218	-31,479	17,415	3,729	0,000	3,729	5,070	-6,791	5,197
	6992	5	0,000	-14,722	-29,521	-29,777	17,751	3,134	0,000	3,134	5,986	-5,943	6,100
Plate_1_12	6992	1	0,000	-14,722	-29,520	-29,776	17,752	3,131	0,000	3,131	5,986	-5,943	6,100
Element 13-39 (Plate)	6993	2	0,000	-14,996	-27,823	-28,074	17,982	2,551	0,000	2,551	6,764	-5,207	6,863
(Paratia 800)	6994	3	0,000	-15,271	-26,169	-26,416	18,099	1,995	0,000	2,108	7,387	-4,585	7,468
	6995	4	0,000	-15,545	-24,559	-24,804	18,103	1,458	0,000	1,771	7,859	-4,058	7,922
	7644	5	0,000	-15,819	-22,994	-23,240	17,994	0,935	0,000	1,482	8,187	-3,615	8,231
Plate_1_12	7644	1	0,000	-15,819	-22,994	-23,239	17,995	0,935	0,000	1,480	8,187	-3,615	8,231
Element 13-40 (Plate)	7645	2	0,000	-16,100	-21,433	-21,679	17,768	0,384	0,000	1,250	8,373	-3,235	8,401
(Paratia 800)	7646	3	0,000	-16,381	-19,919	-20,166	17,427	-0,152	-0,180	1,071	8,404	-2,919	8,424
	7647	4	0,000	-16,663	-18,454	-18,700	16,971	-0,664	-0,675	0,920	8,289	-2,660	8,304
	8054	5	0,000	-16,944	-17,039	-17,282	16,402	-1,141	-1,148	0,796	8,034	-2,446	8,047
Plate_1_12	8054	1	0,000	-16,944	-17,036	-17,279	16,403	-1,142	-1,144	0,795	8,034	-2,446	8,047
Element 13-41 (Plate)	8055	2	0,000	-17,233	-15,633	-15,871	15,702	-1,592	-1,592	0,689	7,639	-2,267	7,652
(Paratia 800)	8056	3	0,000	-17,521	-14,268	-14,499	15,008	-2,018	-2,018	0,604	7,117	-2,122	7,130
	8057	4	0,000	-17,810	-12,941	-13,163	14,177	-2,419	-2,419	0,539	6,476	-2,002	6,489
	8538	5	0,000	-18,099	-11,651	-11,861	13,205	-2,795	-2,796	0,494	5,723	-1,903	5,736
Plate_1_12	8538	1	0,000	-18,099	-11,641	-11,852	13,206	-2,787	-2,787	0,495	5,723	-1,903	5,736
Element 13-42 (Plate)	8539	2	0,000	-18,395	-10,347	-10,543	12,103	-3,151	-3,151	0,463	4,841	-1,813	4,854

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
(Paratia 800)	8540	3	0,000	-18,691	-9,055	-9,234	10,868	-3,408	-3,408	0,456	3,867	-1,722	3,881
	8541	4	0,000	-18,988	-7,761	-7,921	9,465	-3,575	-3,575	0,463	2,830	-1,623	2,844
	9120	5	0,000	-19,284	-6,462	-6,600	7,895	-3,673	-3,673	0,473	1,755	-1,510	1,770
Plate_1_12	9120	1	0,000	-19,284	-6,405	-6,542	7,913	-3,475	-3,475	0,543	1,755	-1,510	1,770
Element 13-43 (Plate)	9121	2	0,000	-19,588	-5,111	-5,221	6,103	-3,328	-3,335	0,518	0,605	-1,415	0,620
(Paratia 800)	9122	3	0,000	-19,892	-3,669	-3,746	4,154	-1,146	-1,166	1,535	-0,019	-1,065	0,037
	9123	4	0,000	-20,196	-2,030	-2,070	2,089	0,590	-0,067	2,112	-0,137	-0,529	0,015
	9124	5	0,000	-20,500	-0,144	-0,144	0,000	-0,602	-0,602	0,860	0,000	0,000	0,000

3.1.1.1.8 Calculation results, Plate, terrapieno [Phase_7] (7/28), Table of plate force envelopes

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_1	361	1	0,000	-0,500	0,013	0,000	0,013	-0,269	-0,269	0,043	0,000	0,000	0,000
Element 1-1 (Plate)	360	2	0,000	-0,625	-1,357	-1,357	0,000	4,429	-0,071	4,429	0,275	-0,007	0,275
(Paratia 800)	359	3	0,000	-0,750	-2,736	-2,737	0,000	7,816	-0,075	7,904	1,052	-0,016	1,054
	358	4	0,000	-0,875	-4,124	-4,124	0,000	9,990	-0,052	10,311	2,178	-0,024	2,204
	357	5	0,000	-1,000	-5,518	-5,518	0,000	11,046	-0,013	11,630	3,504	-0,029	3,586
Plate_1_2	357	1	0,000	-1,000	-5,522	-5,523	0,000	11,224	-0,020	11,799	3,504	-0,029	3,586
Element 2-2 (Plate)	168	2	0,000	-1,250	-8,331	-8,332	0,000	12,110	0,000	13,097	6,439	-0,025	6,718
(Paratia 800)	167	3	0,000	-1,500	-11,195	-11,197	0,000	12,076	0,000	13,425	9,481	-0,007	10,054
	166	4	0,000	-1,750	-14,115	-14,119	0,000	11,148	0,000	12,812	12,404	0,000	13,354
	189	5	0,000	-2,000	-17,092	-17,097	0,000	9,349	0,000	11,285	14,983	0,000	16,384
Plate_1_3	189	1	0,000	-2,000	-17,096	-17,102	0,000	9,361	0,000	11,302	14,983	0,000	16,384
Element 3-3 (Plate)	192	2	0,000	-2,125	-18,613	-18,619	0,000	8,156	0,000	10,221	16,080	0,000	17,731
(Paratia 800)	191	3	0,000	-2,250	-20,151	-20,157	0,000	6,748	0,000	8,929	17,014	0,000	18,930
	190	4	0,000	-2,375	-21,707	-21,715	0,000	5,135	0,000	7,425	17,759	0,000	19,955
	209	5	0,000	-2,500	-23,283	-23,291	0,000	3,320	0,000	5,710	18,289	0,000	20,778
Plate_1_4	209	1	0,000	-2,500	-23,286	-23,294	0,000	3,322	0,000	5,712	18,289	0,000	20,778
Element 4-4 (Plate)	212	2	0,000	-2,750	-26,499	-26,508	0,000	-0,935	-2,348	1,650	18,605	0,000	21,713
(Paratia 800)	211	3	0,000	-3,000	-29,805	-29,817	0,000	-6,012	-7,622	0,001	17,753	0,000	21,522
	210	4	0,000	-3,250	-33,204	-33,217	0,000	-11,908	-13,765	0,000	15,530	0,000	19,991
	229	5	0,000	-3,500	-36,694	-36,708	0,000	-18,624	-20,779	0,000	11,731	0,000	16,908
Plate_1_5	229	1	0,000	-3,500	-36,696	-36,710	0,000	-18,622	-20,778	0,000	11,731	0,000	16,908
Element 5-5 (Plate)	232	2	0,000	-3,673	-39,161	-39,176	0,000	-23,732	-26,125	0,000	8,085	-0,046	13,765
(Paratia 800)	231	3	0,000	-3,845	-41,674	-41,690	0,000	-29,230	-31,891	0,000	3,521	-1,009	9,709
	230	4	0,000	-4,018	-44,233	-44,249	0,000	-35,112	-38,072	0,000	-2,024	-7,038	4,674
	249	5	0,000	-4,190	-46,836	-46,853	0,000	-41,375	-44,667	0,000	-8,614	-14,167	0,409
Plate_1_6	249	1	0,000	-4,190	-63,671	-63,683	0,000	-12,295	-43,673	0,000	-8,614	-14,167	0,409

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Element 6-6 (Plate)	252	2	0,000	-4,268	-64,855	-64,867	0,000	-15,230	-46,767	0,000	-9,680	-17,670	0,000
(Paratia 800)	251	3	0,000	-4,345	-66,048	-66,060	0,000	-18,240	-49,949	0,000	-10,977	-21,418	0,000
	250	4	0,000	-4,423	-67,249	-67,262	0,000	-21,323	-53,213	0,000	-12,510	-25,416	0,000
	448	5	0,000	-4,500	-68,458	-68,471	0,000	-24,475	-56,556	0,000	-14,284	-29,668	0,000
Plate_1_7	448	1	0,000	-4,500	-68,457	-68,471	0,000	-24,475	-56,238	0,000	-14,284	-29,668	0,000
Element 7-7 (Plate)	451	2	0,000	-4,611	-70,206	-70,220	0,000	-29,124	-55,587	0,000	-17,261	-35,880	0,000
(Paratia 800)	450	3	0,000	-4,722	-71,968	-71,982	0,000	-33,914	-55,240	0,000	-20,765	-42,040	0,000
	449	4	0,000	-4,834	-73,743	-73,757	0,000	-38,839	-55,172	0,000	-24,809	-48,177	0,000
	468	5	0,000	-4,945	-75,527	-75,543	0,000	-43,893	-55,353	0,000	-29,406	-54,318	0,000
Plate_1_7	468	1	0,000	-4,945	-75,525	-75,541	0,000	-43,888	-55,324	0,000	-29,406	-54,318	0,000
Element 7-8 (Plate)	471	2	0,000	-5,025	-76,822	-76,837	0,000	-47,620	-56,936	0,000	-33,089	-58,779	0,000
(Paratia 800)	470	3	0,000	-5,106	-78,116	-78,132	0,000	-51,400	-60,760	0,000	-37,076	-63,265	0,000
	469	4	0,000	-5,186	-79,406	-79,422	0,000	-55,220	-64,627	0,000	-41,369	-67,782	0,000
	491	5	0,000	-5,267	-80,689	-80,705	0,000	-59,073	-68,529	0,000	-45,969	-72,339	0,000
Plate_1_7	491	1	0,000	-5,267	-80,683	-80,699	0,000	-59,065	-68,522	0,000	-45,969	-72,339	0,000
Element 7-9 (Plate)	490	2	0,000	-5,325	-81,604	-81,620	0,000	-61,860	-71,354	0,000	-49,493	-75,667	0,000
(Paratia 800)	489	3	0,000	-5,383	-82,499	-82,515	0,000	-64,630	-74,166	0,000	-53,182	-79,022	0,000
	488	4	0,000	-5,442	-83,363	-83,380	0,000	-67,354	-76,935	0,000	-57,030	-82,400	0,000
	502	5	0,000	-5,500	-84,191	-84,208	0,000	-70,010	-79,639	0,000	-61,034	-85,798	0,000
Plate_1_8	502	1	0,000	-5,500	-84,176	-84,193	0,000	-69,986	-79,616	0,000	-61,034	-85,798	0,000
Element 8-10 (Plate)	505	2	0,000	-5,512	-84,338	-84,355	0,000	-70,534	-80,175	0,000	-61,912	-86,527	0,000
(Paratia 800)	504	3	0,000	-5,525	-84,491	-84,508	0,000	-71,038	-80,690	0,000	-62,797	-87,258	0,000
	503	4	0,000	-5,537	-84,634	-84,651	0,000	-71,476	-81,141	0,000	-63,688	-87,987	0,000
	804	5	0,000	-5,550	-84,766	-84,782	0,000	-71,827	-81,506	0,000	-64,584	-88,716	0,000
Plate_1_9	804	1	0,000	-5,550	-84,712	-84,729	0,000	-72,341	-81,990	0,000	-64,584	-88,716	0,000
Element 9-11 (Plate)	807	2	0,000	-5,586	-86,076	-86,094	0,000	-70,333	-80,346	0,000	-67,153	-90,758	0,000
(Paratia 800)	806	3	0,000	-5,622	-87,385	-87,404	0,000	-68,708	-79,024	0,000	-69,659	-92,664	0,000
	805	4	0,000	-5,658	-88,645	-88,665	0,000	-67,456	-78,021	0,000	-72,112	-94,444	0,000
	1242	5	0,000	-5,694	-89,860	-89,881	0,000	-66,565	-77,336	0,000	-74,526	-96,105	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_10	1242	1	0,000	-5,694	-89,870	-89,891	0,000	-66,505	-77,285	0,000	-74,526	-96,105	0,000
Element 10-12 (Plate)	1245	2	0,000	-5,738	-91,334	-91,357	0,000	-65,609	-76,623	0,000	-77,428	-97,980	0,000
(Paratia 800)	1244	3	0,000	-5,782	-92,779	-92,803	0,000	-64,916	-76,149	0,000	-80,297	-99,701	0,000
	1243	4	0,000	-5,826	-94,203	-94,228	0,000	-64,420	-75,852	0,000	-83,139	-101,274	0,000
	1514	5	0,000	-5,870	-95,607	-95,634	0,000	-64,114	-75,720	0,000	-85,963	-102,706	0,000
Plate_1_11	1514	1	0,000	-5,870	-95,599	-95,626	0,000	-63,680	-75,269	0,000	-85,963	-102,706	0,000
Element 12-26 (Plate)	1517	2	0,000	-5,932	-94,788	-94,824	0,000	-53,939	-64,711	0,000	-89,606	-104,503	0,000
(Paratia 800)	1516	3	0,000	-5,994	-94,011	-94,055	0,000	-45,524	-55,573	0,000	-92,690	-106,047	0,000
	1515	4	0,000	-6,056	-93,266	-93,318	0,000	-38,301	-47,717	0,000	-95,286	-107,353	0,000
	1766	5	0,000	-6,118	-92,551	-92,612	0,000	-32,136	-41,004	0,000	-97,468	-108,836	0,000
Plate_1_11	1766	1	0,000	-6,118	-92,547	-92,608	0,000	-31,916	-40,771	0,000	-97,468	-108,836	0,000
Element 12-27 (Plate)	1769	2	0,000	-6,192	-91,724	-91,794	0,000	-25,203	-33,467	0,020	-99,557	-111,551	0,000
(Paratia 800)	1768	3	0,000	-6,265	-90,925	-91,004	0,000	-19,091	-26,811	0,096	-101,176	-113,756	0,000
	1767	4	0,000	-6,338	-90,149	-90,236	0,000	-13,567	-20,786	0,163	-102,370	-115,497	0,000
	2084	5	0,000	-6,412	-89,396	-89,492	0,000	-8,613	-15,377	1,714	-103,179	-116,818	0,000
Plate_1_11	2084	1	0,000	-6,412	-89,393	-89,490	0,000	-8,570	-15,329	1,725	-103,179	-116,818	0,000
Element 12-28 (Plate)	2087	2	0,000	-6,498	-88,528	-88,634	0,000	-3,330	-9,587	4,068	-103,689	-117,890	0,000
(Paratia 800)	2086	3	0,000	-6,584	-87,684	-87,799	0,000	1,384	-4,405	6,170	-103,770	-118,491	0,000
	2085	4	0,000	-6,671	-86,861	-86,985	0,000	5,587	0,000	8,859	-103,465	-118,668	0,000
	2440	5	0,000	-6,757	-86,059	-86,192	0,000	9,297	0,000	11,491	-102,818	-118,466	0,000
Plate_1_11	2440	1	0,000	-6,757	-86,058	-86,190	0,000	9,334	0,000	11,503	-102,818	-118,466	0,000
Element 12-29 (Plate)	2441	2	0,000	-6,859	-85,135	-85,278	0,000	13,194	0,000	14,292	-101,665	-117,795	0,000
(Paratia 800)	2442	3	0,000	-6,961	-84,235	-84,387	0,000	16,589	0,000	16,841	-100,142	-116,710	0,000
	2443	4	0,000	-7,063	-83,357	-83,518	0,000	19,534	0,000	19,548	-98,295	-115,260	0,000
	2830	5	0,000	-7,165	-82,501	-82,671	0,000	22,043	0,000	22,058	-96,171	-113,496	0,000
Plate_1_11	2830	1	0,000	-7,165	-82,499	-82,669	0,000	22,072	0,000	22,086	-96,171	-113,496	0,000
Element 12-30 (Plate)	2831	2	0,000	-7,286	-81,514	-81,694	0,000	24,563	0,000	24,577	-93,360	-111,064	0,000
(Paratia 800)	2832	3	0,000	-7,406	-80,553	-80,743	0,000	26,617	0,000	26,631	-90,274	-108,313	0,000
	2833	4	0,000	-7,527	-79,617	-79,816	0,000	28,244	0,000	28,258	-86,967	-105,296	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	3320	5	0,000	-7,647	-78,705	-78,912	0,000	29,455	0,000	29,468	-83,491	-102,069	0,000
Plate_1_11	3320	1	0,000	-7,647	-78,703	-78,911	0,000	29,477	0,000	29,490	-83,491	-102,069	0,000
Element 12-31 (Plate)	3321	2	0,000	-7,789	-77,655	-77,873	0,000	30,446	0,000	30,459	-79,231	-98,051	0,000
(Paratia 800)	3322	3	0,000	-7,931	-76,634	-76,861	0,000	30,965	0,000	30,977	-74,863	-93,870	0,000
	3323	4	0,000	-8,073	-75,640	-75,875	0,000	31,048	0,000	31,060	-70,453	-89,587	0,000
	3792	5	0,000	-8,215	-74,673	-74,917	0,000	30,710	0,000	30,720	-66,063	-85,262	0,000
Plate_1_11	3792	1	0,000	-8,215	-74,671	-74,915	0,000	30,745	0,000	30,756	-66,063	-85,262	0,000
Element 12-32 (Plate)	3795	2	0,000	-8,383	-73,562	-73,815	0,000	29,922	0,000	30,227	-60,975	-80,168	0,000
(Paratia 800)	3794	3	0,000	-8,550	-72,481	-72,743	0,000	28,744	0,000	29,572	-56,053	-75,151	0,000
	3793	4	0,000	-8,718	-71,429	-71,699	0,000	27,236	0,000	28,566	-51,356	-70,272	0,000
	4000	5	0,000	-8,886	-70,406	-70,683	0,000	25,421	0,000	27,225	-46,940	-65,594	0,000
Plate_1_11	4000	1	0,000	-8,886	-70,403	-70,681	0,000	25,459	0,000	27,257	-46,940	-65,594	0,000
Element 12-33 (Plate)	4001	2	0,000	-9,083	-69,227	-69,513	0,000	23,037	0,000	25,333	-42,142	-60,390	0,000
(Paratia 800)	4002	3	0,000	-9,281	-68,077	-68,371	0,000	20,427	0,000	23,148	-37,841	-55,591	0,000
	4003	4	0,000	-9,479	-66,955	-67,256	0,000	17,655	0,000	20,726	-34,072	-51,248	0,000
	4562	5	0,000	-9,677	-65,860	-66,167	0,000	14,747	0,000	18,091	-30,867	-47,408	0,000
Plate_1_11	4562	1	0,000	-9,677	-65,856	-66,163	0,000	14,872	0,000	18,190	-30,867	-47,408	0,000
Element 12-34 (Plate)	4563	2	0,000	-9,910	-64,588	-64,902	0,000	11,318	0,000	14,861	-27,816	-43,553	0,000
(Paratia 800)	4564	3	0,000	-10,143	-63,337	-63,656	0,000	8,159	0,000	11,694	-25,557	-40,461	0,000
	4565	4	0,000	-10,377	-62,102	-62,425	0,000	5,576	0,000	8,818	-23,962	-38,071	0,000
	5222	5	0,000	-10,610	-60,884	-61,211	0,000	3,750	0,000	6,922	-22,893	-36,312	0,000
Plate_1_12	5222	1	0,000	-10,610	-60,890	-61,217	0,000	4,638	0,000	7,305	-22,893	-36,312	0,000
Element 13-35 (Plate)	5223	2	0,000	-10,857	-58,646	-58,977	1,303	6,960	0,000	8,592	-21,439	-34,392	0,000
(Paratia 800)	5224	3	0,000	-11,104	-56,450	-56,785	3,153	8,403	0,000	9,738	-19,527	-32,116	0,000
	5225	4	0,000	-11,351	-54,306	-54,643	4,886	9,119	0,000	10,328	-17,344	-29,624	0,000
	5528	5	0,000	-11,598	-52,215	-52,553	6,500	9,259	0,000	10,413	-15,065	-27,052	0,000
Plate_1_12	5528	1	0,000	-11,598	-52,212	-52,551	6,503	9,356	0,000	10,474	-15,065	-27,052	0,000
Element 13-36 (Plate)	5529	2	0,000	-11,852	-50,117	-50,456	8,041	9,308	0,000	10,251	-12,695	-24,419	0,000
(Paratia 800)	5530	3	0,000	-12,106	-48,067	-48,407	9,465	9,086	0,000	9,795	-10,359	-21,873	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	5531	4	0,000	-12,359	-46,065	-46,404	10,774	8,709	0,000	9,207	-8,099	-19,467	0,000
	6014	5	0,000	-12,613	-44,111	-44,448	11,968	8,196	0,000	8,535	-5,953	-17,251	0,000
Plate_1_12	6014	1	0,000	-12,613	-44,109	-44,446	11,970	8,209	0,000	8,559	-5,953	-17,251	0,000
Element 13-37 (Plate)	6015	2	0,000	-12,873	-42,150	-42,484	13,080	7,613	0,000	7,854	-3,894	-15,188	0,000
(Paratia 800)	6016	3	0,000	-13,133	-40,235	-40,563	14,076	6,983	0,000	7,153	-1,994	-13,336	0,000
	6017	4	0,000	-13,394	-38,365	-38,687	14,959	6,329	0,000	6,408	-0,260	-11,686	0,000
	6442	5	0,000	-13,654	-36,541	-36,855	15,728	5,663	0,000	5,663	1,300	-10,229	1,468
Plate_1_12	6442	1	0,000	-13,654	-36,539	-36,854	15,730	5,667	0,000	5,667	1,300	-10,229	1,468
Element 13-38 (Plate)	6443	2	0,000	-13,921	-34,711	-35,018	16,404	4,997	0,000	4,997	2,723	-8,918	2,887
(Paratia 800)	6444	3	0,000	-14,188	-32,927	-33,226	16,966	4,351	0,000	4,351	3,971	-7,777	4,128
	6445	4	0,000	-14,455	-31,186	-31,479	17,415	3,731	0,000	3,731	5,051	-6,791	5,197
	6992	5	0,000	-14,722	-29,490	-29,777	17,751	3,136	0,000	3,136	5,967	-5,943	6,100
Plate_1_12	6992	1	0,000	-14,722	-29,489	-29,776	17,752	3,133	0,000	3,133	5,967	-5,943	6,100
Element 13-39 (Plate)	6993	2	0,000	-14,996	-27,793	-28,074	17,982	2,553	0,000	2,553	6,745	-5,207	6,863
(Paratia 800)	6994	3	0,000	-15,271	-26,140	-26,416	18,099	1,997	0,000	2,108	7,369	-4,585	7,468
	6995	4	0,000	-15,545	-24,531	-24,804	18,103	1,460	0,000	1,771	7,842	-4,058	7,922
	7644	5	0,000	-15,819	-22,968	-23,240	17,994	0,938	0,000	1,482	8,171	-3,615	8,231
Plate_1_12	7644	1	0,000	-15,819	-22,967	-23,239	17,995	0,938	0,000	1,480	8,171	-3,615	8,231
Element 13-40 (Plate)	7645	2	0,000	-16,100	-21,408	-21,679	17,768	0,387	0,000	1,250	8,357	-3,235	8,401
(Paratia 800)	7646	3	0,000	-16,381	-19,896	-20,166	17,427	-0,149	-0,180	1,071	8,389	-2,919	8,424
	7647	4	0,000	-16,663	-18,432	-18,700	16,971	-0,661	-0,675	0,920	8,275	-2,660	8,304
	8054	5	0,000	-16,944	-17,018	-17,282	16,402	-1,138	-1,148	0,796	8,021	-2,446	8,047
Plate_1_12	8054	1	0,000	-16,944	-17,015	-17,279	16,403	-1,139	-1,144	0,795	8,021	-2,446	8,047
Element 13-41 (Plate)	8055	2	0,000	-17,233	-15,614	-15,871	15,702	-1,589	-1,592	0,689	7,627	-2,267	7,652
(Paratia 800)	8056	3	0,000	-17,521	-14,251	-14,499	15,008	-2,014	-2,018	0,604	7,106	-2,122	7,130
	8057	4	0,000	-17,810	-12,925	-13,163	14,177	-2,415	-2,419	0,539	6,466	-2,002	6,489
	8538	5	0,000	-18,099	-11,637	-11,861	13,205	-2,791	-2,796	0,494	5,714	-1,903	5,736
Plate_1_12	8538	1	0,000	-18,099	-11,627	-11,852	13,206	-2,783	-2,787	0,495	5,714	-1,903	5,736
Element 13-42 (Plate)	8539	2	0,000	-18,395	-10,334	-10,543	12,103	-3,147	-3,151	0,463	4,833	-1,813	4,854

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
(Paratia 800)	8540	3	0,000	-18,691	-9,044	-9,234	10,868	-3,403	-3,408	0,456	3,860	-1,722	3,881
	8541	4	0,000	-18,988	-7,752	-7,921	9,465	-3,570	-3,575	0,463	2,825	-1,623	2,844
	9120	5	0,000	-19,284	-6,455	-6,600	7,895	-3,668	-3,673	0,473	1,751	-1,510	1,770
Plate_1_12	9120	1	0,000	-19,284	-6,398	-6,542	7,913	-3,470	-3,475	0,543	1,751	-1,510	1,770
Element 13-43 (Plate)	9121	2	0,000	-19,588	-5,106	-5,221	6,103	-3,323	-3,335	0,518	0,603	-1,415	0,620
(Paratia 800)	9122	3	0,000	-19,892	-3,666	-3,746	4,154	-1,143	-1,166	1,535	-0,020	-1,065	0,037
	9123	4	0,000	-20,196	-2,028	-2,070	2,089	0,592	-0,067	2,112	-0,137	-0,529	0,015
	9124	5	0,000	-20,500	-0,144	-0,144	0,000	-0,600	-0,602	0,860	0,000	0,000	0,000

3.1.1.1.9 Calculation results, Plate, plinto + pali [Phase_8] (8/31), Table of plate force envelopes

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_1	361	1	0,000	-0,500	0,013	0,000	0,013	-0,269	-0,270	0,043	0,000	0,000	0,000
Element 1-1 (Plate)	360	2	0,000	-0,625	-1,330	-1,357	0,000	4,448	-0,071	4,448	0,276	-0,007	0,276
(Paratia 800)	359	3	0,000	-0,750	-2,682	-2,737	0,000	7,866	-0,075	7,904	1,057	-0,016	1,057
	358	4	0,000	-0,875	-4,041	-4,124	0,000	10,081	-0,052	10,311	2,192	-0,024	2,204
	357	5	0,000	-1,000	-5,408	-5,518	0,000	11,186	-0,013	11,630	3,532	-0,029	3,586
Plate_1_2	357	1	0,000	-1,000	-5,412	-5,523	0,000	11,360	-0,020	11,799	3,532	-0,029	3,586
Element 2-2 (Plate)	168	2	0,000	-1,250	-8,164	-8,332	0,000	12,340	0,000	13,097	6,513	-0,025	6,718
(Paratia 800)	167	3	0,000	-1,500	-10,970	-11,197	0,000	12,398	0,000	13,425	9,625	-0,007	10,054
	166	4	0,000	-1,750	-13,831	-14,119	0,000	11,559	0,000	12,812	12,639	0,000	13,354
	189	5	0,000	-2,000	-16,747	-17,097	0,000	9,846	0,000	11,285	15,332	0,000	16,384
Plate_1_3	189	1	0,000	-2,000	-16,751	-17,102	0,000	9,858	0,000	11,302	15,332	0,000	16,384
Element 3-3 (Plate)	192	2	0,000	-2,125	-18,238	-18,619	0,000	8,694	0,000	10,221	16,493	0,000	17,731
(Paratia 800)	191	3	0,000	-2,250	-19,744	-20,157	0,000	7,325	0,000	8,929	17,497	0,000	18,930
	190	4	0,000	-2,375	-21,270	-21,715	0,000	5,751	0,000	7,425	18,316	0,000	19,955
	209	5	0,000	-2,500	-22,814	-23,291	0,000	3,972	0,000	5,710	18,926	0,000	20,778
Plate_1_4	209	1	0,000	-2,500	-22,817	-23,294	0,000	3,974	0,000	5,712	18,926	0,000	20,778
Element 4-4 (Plate)	212	2	0,000	-2,750	-25,967	-26,508	0,000	-0,213	-2,348	1,650	19,413	0,000	21,713
(Paratia 800)	211	3	0,000	-3,000	-29,209	-29,817	0,000	-5,227	-7,622	0,001	18,750	0,000	21,522
	210	4	0,000	-3,250	-32,543	-33,217	0,000	-11,068	-13,765	0,000	16,730	0,000	19,991
	229	5	0,000	-3,500	-35,967	-36,708	0,000	-17,736	-20,779	0,000	13,148	0,000	16,908
Plate_1_5	229	1	0,000	-3,500	-35,969	-36,710	0,000	-17,734	-20,778	0,000	13,148	0,000	16,908
Element 5-5 (Plate)	232	2	0,000	-3,673	-38,388	-39,176	0,000	-22,816	-26,125	0,000	9,657	-0,046	13,765
(Paratia 800)	231	3	0,000	-3,845	-40,855	-41,690	0,000	-28,290	-31,891	0,000	5,253	-1,009	9,709
	230	4	0,000	-4,018	-43,368	-44,249	0,000	-34,154	-38,072	0,000	-0,128	-7,038	4,674
	249	5	0,000	-4,190	-45,924	-46,853	0,000	-40,404	-44,667	0,000	-6,552	-14,167	0,409
Plate_1_6	249	1	0,000	-4,190	-61,727	-63,683	0,000	-13,108	-43,673	0,000	-6,552	-14,167	0,409

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Element 6-6 (Plate)	252	2	0,000	-4,268	-62,889	-64,867	0,000	-16,039	-46,767	0,000	-7,680	-17,670	0,000
(Paratia 800)	251	3	0,000	-4,345	-64,061	-66,060	0,000	-19,046	-49,949	0,000	-9,040	-21,418	0,000
	250	4	0,000	-4,423	-65,241	-67,262	0,000	-22,128	-53,213	0,000	-10,635	-25,416	0,000
	448	5	0,000	-4,500	-66,429	-68,471	0,000	-25,281	-56,556	0,000	-12,471	-29,668	0,000
Plate_1_7	448	1	0,000	-4,500	-66,429	-68,471	0,000	-25,281	-56,238	0,000	-12,471	-29,668	0,000
Element 7-7 (Plate)	451	2	0,000	-4,611	-68,147	-70,220	0,000	-29,933	-55,587	0,000	-15,539	-35,880	0,000
(Paratia 800)	450	3	0,000	-4,722	-69,879	-71,982	0,000	-34,729	-55,240	0,000	-19,133	-42,040	0,000
	449	4	0,000	-4,834	-71,623	-73,757	0,000	-39,665	-55,172	0,000	-23,268	-48,177	0,000
	468	5	0,000	-4,945	-73,378	-75,543	0,000	-44,733	-55,353	0,000	-27,958	-54,318	0,000
Plate_1_7	468	1	0,000	-4,945	-73,376	-75,541	0,000	-44,729	-55,324	0,000	-27,958	-54,318	0,000
Element 7-8 (Plate)	471	2	0,000	-5,025	-74,650	-76,837	0,000	-48,474	-56,936	0,000	-31,709	-58,779	0,000
(Paratia 800)	470	3	0,000	-5,106	-75,923	-78,132	0,000	-52,270	-60,760	0,000	-35,765	-63,265	0,000
	469	4	0,000	-5,186	-77,191	-79,422	0,000	-56,108	-64,627	0,000	-40,128	-67,782	0,000
	491	5	0,000	-5,267	-78,452	-80,705	0,000	-59,982	-68,529	0,000	-44,801	-72,339	0,000
Plate_1_7	491	1	0,000	-5,267	-78,446	-80,699	0,000	-59,974	-68,522	0,000	-44,801	-72,339	0,000
Element 7-9 (Plate)	490	2	0,000	-5,325	-79,351	-81,620	0,000	-62,786	-71,354	0,000	-48,378	-75,667	0,000
(Paratia 800)	489	3	0,000	-5,383	-80,230	-82,515	0,000	-65,576	-74,166	0,000	-52,122	-79,022	0,000
	488	4	0,000	-5,442	-81,079	-83,380	0,000	-68,320	-76,935	0,000	-56,026	-82,400	0,000
	502	5	0,000	-5,500	-81,892	-84,208	0,000	-70,999	-79,639	0,000	-60,087	-85,798	0,000
Plate_1_8	502	1	0,000	-5,500	-81,876	-84,193	0,000	-70,975	-79,616	0,000	-60,087	-85,798	0,000
Element 8-10 (Plate)	505	2	0,000	-5,512	-82,035	-84,355	0,000	-71,528	-80,175	0,000	-60,977	-86,527	0,000
(Paratia 800)	504	3	0,000	-5,525	-82,185	-84,508	0,000	-72,037	-80,690	0,000	-61,875	-87,258	0,000
	503	4	0,000	-5,537	-82,325	-84,651	0,000	-72,481	-81,141	0,000	-62,778	-87,987	0,000
	804	5	0,000	-5,550	-82,453	-84,782	0,000	-72,837	-81,506	0,000	-63,686	-88,716	0,000
Plate_1_9	804	1	0,000	-5,550	-82,404	-84,729	0,000	-73,340	-81,990	0,000	-63,686	-88,716	0,000
Element 9-11 (Plate)	807	2	0,000	-5,586	-83,711	-86,094	0,000	-71,412	-80,346	0,000	-66,294	-90,758	0,000
(Paratia 800)	806	3	0,000	-5,622	-84,964	-87,404	0,000	-69,856	-79,024	0,000	-68,839	-92,664	0,000
	805	4	0,000	-5,658	-86,167	-88,665	0,000	-68,661	-78,021	0,000	-71,335	-94,444	0,000
	1242	5	0,000	-5,694	-87,326	-89,881	0,000	-67,818	-77,336	0,000	-73,793	-96,105	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_10	1242	1	0,000	-5,694	-87,336	-89,891	0,000	-67,760	-77,285	0,000	-73,793	-96,105	0,000
Element 10-12 (Plate)	1245	2	0,000	-5,738	-88,732	-91,357	0,000	-66,916	-76,623	0,000	-76,752	-97,980	0,000
(Paratia 800)	1244	3	0,000	-5,782	-90,108	-92,803	0,000	-66,271	-76,149	0,000	-79,679	-99,701	0,000
	1243	4	0,000	-5,826	-91,463	-94,228	0,000	-65,818	-75,852	0,000	-82,582	-101,274	0,000
	1514	5	0,000	-5,870	-92,799	-95,634	0,000	-65,551	-75,720	0,000	-85,467	-102,706	0,000
Plate_2_1	3482	1	4,500	-5,870	0,974	0,000	0,974	-128,099	-128,099	0,000	4,001	0,000	4,001
Element 11-13 (Plate)	3483	2	4,700	-5,870	-0,059	-0,059	0,039	-124,307	-124,307	0,000	-21,307	-21,307	0,000
(PLINTO)	3484	3	4,901	-5,870	-0,374	-0,374	0,000	-119,219	-119,219	0,000	-45,710	-45,710	0,000
	3485	4	5,101	-5,870	-0,442	-0,442	0,000	-113,410	-113,410	0,000	-69,036	-69,036	0,000
	3928	5	5,301	-5,870	-0,733	-0,733	0,000	-107,459	-107,459	0,000	-91,147	-91,147	0,000
Plate_2_1	3928	1	5,301	-5,870	-0,674	-0,674	0,000	-107,359	-107,359	0,000	-91,147	-91,147	0,000
Element 11-14 (Plate)	3929	2	5,492	-5,870	-0,823	-0,823	0,000	-101,378	-101,378	0,000	-111,008	-111,008	0,000
(PLINTO)	3930	3	5,682	-5,870	-0,956	-0,956	0,000	-95,249	-95,249	0,000	-129,725	-129,725	0,000
	3931	4	5,872	-5,870	-1,076	-1,076	0,000	-89,006	-89,006	0,000	-147,264	-147,264	0,000
	4422	5	6,063	-5,870	-1,190	-1,190	0,000	-82,680	-82,680	0,000	-163,599	-163,599	0,000
Plate_2_1	4422	1	6,063	-5,870	-1,189	-1,189	0,000	-82,676	-82,676	0,000	-163,599	-163,599	0,000
Element 11-15 (Plate)	4423	2	6,243	-5,870	-1,288	-1,288	0,000	-76,598	-76,598	0,000	-177,995	-177,995	0,000
(PLINTO)	4424	3	6,424	-5,870	-1,382	-1,382	0,000	-70,464	-70,464	0,000	-191,293	-191,293	0,000
	4425	4	6,605	-5,870	-1,472	-1,472	0,000	-64,286	-64,286	0,000	-203,479	-203,479	0,000
	4732	5	6,786	-5,870	-1,558	-1,558	0,000	-58,074	-58,074	0,000	-214,538	-214,538	0,000
Plate_2_1	4732	1	6,786	-5,870	-1,558	-1,558	0,000	-58,071	-58,071	0,000	-214,538	-214,538	0,000
Element 11-16 (Plate)	4733	2	6,958	-5,870	-1,637	-1,637	0,000	-52,140	-52,140	0,000	-224,002	-224,002	0,000
(PLINTO)	4734	3	7,129	-5,870	-1,715	-1,715	0,000	-46,179	-46,179	0,000	-232,447	-232,447	0,000
	4735	4	7,301	-5,870	-1,790	-1,790	0,000	-40,196	-40,196	0,000	-239,868	-239,868	0,000
	5274	5	7,473	-5,870	-1,864	-1,864	0,000	-34,196	-34,196	0,000	-246,255	-246,255	0,000
Plate_2_1	5274	1	7,473	-5,870	-1,864	-1,864	0,000	-34,193	-34,193	0,000	-246,255	-246,255	0,000
Element 11-17 (Plate)	4904	2	7,636	-5,870	-1,934	-1,934	0,000	-28,475	-28,475	0,000	-251,368	-251,368	0,000
(PLINTO)	4905	3	7,799	-5,870	-2,002	-2,002	0,000	-22,738	-22,738	0,000	-255,547	-255,547	0,000
	4906	4	7,962	-5,870	-2,069	-2,069	0,000	-16,985	-16,985	0,000	-258,789	-258,789	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	4910	5	8,126	-5,870	-2,135	-2,135	0,000	-11,223	-11,223	0,000	-261,090	-261,090	0,000
Plate_2_1	4910	1	8,126	-5,870	-2,136	-2,136	0,000	-11,220	-11,220	0,000	-261,090	-261,090	0,000
Element 11-18 (Plate)	4911	2	8,281	-5,870	-2,197	-2,197	0,000	-5,733	-5,733	0,000	-262,404	-262,404	0,000
(PLINTO)	4912	3	8,436	-5,870	-2,258	-2,258	0,000	-0,231	-0,231	0,000	-262,867	-262,867	0,000
	4913	4	8,591	-5,870	-2,318	-2,318	0,000	5,283	0,000	5,283	-262,475	-262,475	0,000
	5328	5	8,746	-5,870	-2,377	-2,377	0,000	10,805	0,000	10,805	-261,229	-261,229	0,000
Plate_2_1	5328	1	8,746	-5,870	-2,377	-2,377	0,000	10,807	0,000	10,807	-261,229	-261,229	0,000
Element 11-19 (Plate)	5322	2	8,893	-5,870	-2,432	-2,432	0,000	16,062	0,000	16,062	-259,251	-259,251	0,000
(PLINTO)	5323	3	9,040	-5,870	-2,485	-2,485	0,000	21,330	0,000	21,330	-256,496	-256,496	0,000
	5324	4	9,188	-5,870	-2,538	-2,538	0,000	26,608	0,000	26,608	-252,966	-252,966	0,000
	5338	5	9,335	-5,870	-2,588	-2,588	0,000	31,891	0,000	31,891	-248,659	-248,659	0,000
Plate_2_1	5338	1	9,335	-5,870	-2,588	-2,588	0,000	31,893	0,000	31,893	-248,659	-248,659	0,000
Element 11-20 (Plate)	5339	2	9,475	-5,870	-2,635	-2,635	0,000	36,920	0,000	36,920	-243,847	-243,847	0,000
(PLINTO)	5340	3	9,615	-5,870	-2,680	-2,680	0,000	41,957	0,000	41,957	-238,327	-238,327	0,000
	5341	4	9,755	-5,870	-2,723	-2,723	0,000	47,002	0,000	47,002	-232,103	-232,103	0,000
	6072	5	9,894	-5,870	-2,764	-2,764	0,000	52,050	0,000	52,050	-225,175	-225,175	0,000
Plate_2_1	6072	1	9,894	-5,870	-2,764	-2,764	0,000	52,052	0,000	52,052	-225,175	-225,175	0,000
Element 11-21 (Plate)	6066	2	10,027	-5,870	-2,800	-2,800	0,000	56,853	0,000	56,853	-217,939	-217,939	0,000
(PLINTO)	6067	3	10,160	-5,870	-2,835	-2,835	0,000	61,663	0,000	61,663	-210,061	-210,061	0,000
	6068	4	10,293	-5,870	-2,866	-2,866	0,000	66,476	0,000	66,476	-201,543	-201,543	0,000
	6332	5	10,426	-5,870	-2,893	-2,893	0,000	71,289	0,000	71,289	-192,389	-192,389	0,000
Plate_2_1	6332	1	10,426	-5,870	-2,893	-2,893	0,000	71,292	0,000	71,292	-192,389	-192,389	0,000
Element 11-22 (Plate)	6333	2	10,552	-5,870	-2,916	-2,916	0,000	75,866	0,000	75,866	-183,100	-183,100	0,000
(PLINTO)	6334	3	10,679	-5,870	-2,934	-2,934	0,000	80,443	0,000	80,443	-173,229	-173,229	0,000
	6335	4	10,805	-5,870	-2,946	-2,946	0,000	85,018	0,000	85,018	-162,780	-162,780	0,000
	6342	5	10,931	-5,870	-2,951	-2,951	0,000	89,585	0,000	89,585	-151,758	-151,758	0,000
Plate_2_1	6342	1	10,931	-5,870	-2,951	-2,951	0,000	89,587	0,000	89,587	-151,758	-151,758	0,000
Element 11-23 (Plate)	6343	2	11,051	-5,870	-2,948	-2,948	0,000	93,918	0,000	93,918	-140,754	-140,754	0,000
(PLINTO)	6344	3	11,171	-5,870	-2,935	-2,935	0,000	98,240	0,000	98,240	-129,225	-129,225	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	6345	4	11,291	-5,870	-2,910	-2,910	0,000	102,545	0,000	102,545	-117,179	-117,179	0,000
	6512	5	11,411	-5,870	-2,870	-2,870	0,000	106,822	0,000	106,822	-104,623	-104,623	0,000
Plate_2_1	6512	1	11,411	-5,870	-2,870	-2,870	0,000	106,824	0,000	106,824	-104,623	-104,623	0,000
Element 11-24 (Plate)	6513	2	11,525	-5,870	-2,812	-2,812	0,000	110,852	0,000	110,852	-92,222	-92,222	0,000
(PLINTO)	6514	3	11,639	-5,870	-2,731	-2,731	0,000	114,838	0,000	114,838	-79,358	-79,358	0,000
	6515	4	11,753	-5,870	-2,618	-2,618	0,000	118,757	0,000	118,757	-66,043	-66,043	0,000
	6578	5	11,867	-5,870	-2,465	-2,465	0,000	122,581	0,000	122,581	-52,293	-52,293	0,000
Plate_2_1	6578	1	11,867	-5,870	-2,484	-2,484	0,000	122,617	0,000	122,617	-52,293	-52,293	0,000
Element 11-25 (Plate)	6579	2	11,975	-5,870	-2,217	-2,217	0,000	126,046	0,000	126,046	-38,837	-38,837	0,000
(PLINTO)	6580	3	12,083	-5,870	-1,989	-1,989	0,000	129,324	0,000	129,324	-25,002	-25,002	0,000
	6581	4	12,192	-5,870	-1,485	-1,485	0,000	132,076	0,000	132,076	-10,846	-10,846	0,000
	7268	5	12,300	-5,870	-0,388	-0,388	0,000	133,932	0,000	133,932	3,563	0,000	3,563
Plate_1_11	1514	1	0,000	-5,870	-92,791	-95,626	0,000	-65,127	-75,269	0,000	-85,467	-102,706	0,000
Element 12-26 (Plate)	1517	2	0,000	-5,932	-91,956	-94,824	0,000	-55,681	-64,711	0,000	-89,210	-104,503	0,000
(Paratia 800)	1516	3	0,000	-5,994	-91,154	-94,055	0,000	-47,515	-55,573	0,000	-92,410	-106,047	0,000
	1515	4	0,000	-6,056	-90,384	-93,318	0,000	-40,498	-47,717	0,000	-95,137	-107,353	0,000
	1766	5	0,000	-6,118	-89,644	-92,612	0,000	-34,498	-41,004	0,000	-97,461	-108,836	0,000
Plate_1_11	1766	1	0,000	-6,118	-89,641	-92,608	0,000	-34,285	-40,771	0,000	-97,461	-108,836	0,000
Element 12-27 (Plate)	1769	2	0,000	-6,192	-88,788	-91,794	0,000	-27,736	-33,467	0,020	-99,729	-111,551	0,000
(Paratia 800)	1768	3	0,000	-6,265	-87,958	-91,004	0,000	-21,762	-26,811	0,096	-101,539	-113,756	0,000
	1767	4	0,000	-6,338	-87,152	-90,236	0,000	-16,348	-20,786	0,163	-102,933	-115,497	0,000
	2084	5	0,000	-6,412	-86,368	-89,492	0,000	-11,481	-15,377	1,714	-103,949	-116,818	0,000
Plate_1_11	2084	1	0,000	-6,412	-86,366	-89,490	0,000	-11,440	-15,329	1,725	-103,949	-116,818	0,000
Element 12-28 (Plate)	2087	2	0,000	-6,498	-85,465	-88,634	0,000	-6,274	-9,587	4,068	-104,711	-117,890	0,000
(Paratia 800)	2086	3	0,000	-6,584	-84,586	-87,799	0,000	-1,612	-4,405	6,170	-105,048	-118,491	0,000
	2085	4	0,000	-6,671	-83,728	-86,985	0,000	2,564	0,000	8,859	-105,003	-118,668	0,000
	2440	5	0,000	-6,757	-82,893	-86,192	0,000	6,268	0,000	11,491	-104,618	-118,466	0,000
Plate_1_11	2440	1	0,000	-6,757	-82,891	-86,190	0,000	6,303	0,000	11,503	-104,618	-118,466	0,000
Element 12-29 (Plate)	2441	2	0,000	-6,859	-81,930	-85,278	0,000	10,180	0,000	14,292	-103,774	-117,795	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
(Paratia 800)	2442	3	0,000	-6,961	-80,992	-84,387	0,000	13,615	0,000	16,841	-102,556	-116,710	0,000
	2443	4	0,000	-7,063	-80,077	-83,518	0,000	16,620	0,000	19,548	-101,010	-115,260	0,000
	2830	5	0,000	-7,165	-79,187	-82,671	0,000	19,210	0,000	22,058	-99,179	-113,496	0,000
Plate_1_11	2830	1	0,000	-7,165	-79,186	-82,669	0,000	19,237	0,000	22,086	-99,179	-113,496	0,000
Element 12-30 (Plate)	2831	2	0,000	-7,286	-78,163	-81,694	0,000	21,846	0,000	24,577	-96,703	-111,064	0,000
(Paratia 800)	2832	3	0,000	-7,406	-77,167	-80,743	0,000	24,038	0,000	26,631	-93,936	-108,313	0,000
	2833	4	0,000	-7,527	-76,198	-79,816	0,000	25,821	0,000	28,258	-90,930	-105,296	0,000
	3320	5	0,000	-7,647	-75,258	-78,912	0,000	27,207	0,000	29,468	-87,735	-102,069	0,000
Plate_1_11	3320	1	0,000	-7,647	-75,257	-78,911	0,000	27,227	0,000	29,490	-87,735	-102,069	0,000
Element 12-31 (Plate)	3321	2	0,000	-7,789	-74,180	-77,873	0,000	28,420	0,000	30,459	-83,779	-98,051	0,000
(Paratia 800)	3322	3	0,000	-7,931	-73,135	-76,861	0,000	29,177	0,000	30,977	-79,682	-93,870	0,000
	3323	4	0,000	-8,073	-72,124	-75,875	0,000	29,511	0,000	31,060	-75,508	-89,587	0,000
	3792	5	0,000	-8,215	-71,145	-74,917	0,000	29,436	0,000	30,720	-71,318	-85,262	0,000
Plate_1_11	3792	1	0,000	-8,215	-71,143	-74,915	0,000	29,469	0,000	30,756	-71,318	-85,262	0,000
Element 12-32 (Plate)	3795	2	0,000	-8,383	-70,027	-73,815	0,000	28,965	0,000	30,227	-66,417	-80,168	0,000
(Paratia 800)	3794	3	0,000	-8,550	-68,948	-72,743	0,000	28,109	0,000	29,572	-61,629	-75,151	0,000
	3793	4	0,000	-8,718	-67,907	-71,699	0,000	26,923	0,000	28,566	-57,011	-70,272	0,000
	4000	5	0,000	-8,886	-66,903	-70,683	0,000	25,429	0,000	27,225	-52,621	-65,594	0,000
Plate_1_11	4000	1	0,000	-8,886	-66,900	-70,681	0,000	25,463	0,000	27,257	-52,621	-65,594	0,000
Element 12-33 (Plate)	4001	2	0,000	-9,083	-65,757	-69,513	0,000	23,411	0,000	25,333	-47,785	-60,390	0,000
(Paratia 800)	4002	3	0,000	-9,281	-64,653	-68,371	0,000	21,146	0,000	23,148	-43,376	-55,591	0,000
	4003	4	0,000	-9,479	-63,588	-67,256	0,000	18,690	0,000	20,726	-39,432	-51,248	0,000
	4562	5	0,000	-9,677	-62,561	-66,167	0,000	16,067	0,000	18,091	-35,994	-47,408	0,000
Plate_1_11	4562	1	0,000	-9,677	-62,556	-66,163	0,000	16,173	0,000	18,190	-35,994	-47,408	0,000
Element 12-34 (Plate)	4563	2	0,000	-9,910	-61,383	-64,902	0,000	12,904	0,000	14,861	-32,604	-43,553	0,000
(Paratia 800)	4564	3	0,000	-10,143	-60,239	-63,656	0,000	9,894	0,000	11,694	-29,954	-40,461	0,000
	4565	4	0,000	-10,377	-59,124	-62,425	0,000	7,303	0,000	8,818	-27,953	-38,071	0,000
	5222	5	0,000	-10,610	-58,038	-61,211	0,000	5,293	0,000	6,922	-26,498	-36,312	0,000
Plate_1_12	5222	1	0,000	-10,610	-58,042	-61,217	0,000	6,076	0,000	7,305	-26,498	-36,312	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Element 13-35 (Plate)	5223	2	0,000	-10,857	-56,016	-58,977	1,303	7,989	0,000	8,592	-24,743	-34,392	0,000
(Paratia 800)	5224	3	0,000	-11,104	-54,044	-56,785	3,153	9,155	0,000	9,738	-22,613	-32,116	0,000
	5225	4	0,000	-11,351	-52,130	-54,643	4,886	9,705	0,000	10,328	-20,268	-29,624	0,000
	5528	5	0,000	-11,598	-50,274	-52,553	6,500	9,773	0,000	10,413	-17,854	-27,052	0,000
Plate_1_12	5528	1	0,000	-11,598	-50,271	-52,551	6,503	9,852	0,000	10,474	-17,854	-27,052	0,000
Element 13-36 (Plate)	5529	2	0,000	-11,852	-48,421	-50,456	8,041	9,751	0,000	10,251	-15,366	-24,419	0,000
(Paratia 800)	5530	3	0,000	-12,106	-46,620	-48,407	9,465	9,497	0,000	9,795	-12,922	-21,873	0,000
	5531	4	0,000	-12,359	-44,868	-46,404	10,774	9,106	0,000	9,207	-10,559	-19,467	0,000
	6014	5	0,000	-12,613	-43,166	-44,448	11,968	8,594	0,000	8,594	-8,313	-17,251	0,000
Plate_1_12	6014	1	0,000	-12,613	-43,163	-44,446	11,970	8,604	0,000	8,604	-8,313	-17,251	0,000
Element 13-37 (Plate)	6015	2	0,000	-12,873	-41,462	-42,484	13,080	8,015	0,000	8,015	-6,150	-15,188	0,000
(Paratia 800)	6016	3	0,000	-13,133	-39,802	-40,563	14,076	7,392	0,000	7,392	-4,144	-13,336	0,000
	6017	4	0,000	-13,394	-38,183	-38,687	14,959	6,748	0,000	6,748	-2,303	-11,686	0,000
	6442	5	0,000	-13,654	-36,607	-36,855	15,728	6,091	0,000	6,091	-0,633	-10,229	1,468
Plate_1_12	6442	1	0,000	-13,654	-36,604	-36,854	15,730	6,094	0,000	6,094	-0,633	-10,229	1,468
Element 13-38 (Plate)	6443	2	0,000	-13,921	-35,024	-35,024	16,404	5,431	0,000	5,431	0,906	-8,918	2,887
(Paratia 800)	6444	3	0,000	-14,188	-33,478	-33,478	16,966	4,791	0,000	4,791	2,271	-7,777	4,128
	6445	4	0,000	-14,455	-31,967	-31,967	17,415	4,173	0,000	4,173	3,468	-6,791	5,197
	6992	5	0,000	-14,722	-30,490	-30,490	17,751	3,578	0,000	3,578	4,502	-5,943	6,100
Plate_1_12	6992	1	0,000	-14,722	-30,488	-30,488	17,752	3,574	0,000	3,574	4,502	-5,943	6,100
Element 13-39 (Plate)	6993	2	0,000	-14,996	-29,004	-29,004	17,982	2,991	0,000	2,991	5,401	-5,207	6,863
(Paratia 800)	6994	3	0,000	-15,271	-27,548	-27,548	18,099	2,429	0,000	2,429	6,144	-4,585	7,468
	6995	4	0,000	-15,545	-26,119	-26,119	18,103	1,885	0,000	1,885	6,735	-4,058	7,922
	7644	5	0,000	-15,819	-24,719	-24,719	17,994	1,353	0,000	1,482	7,178	-3,615	8,231
Plate_1_12	7644	1	0,000	-15,819	-24,718	-24,718	17,995	1,353	0,000	1,480	7,178	-3,615	8,231
Element 13-40 (Plate)	7645	2	0,000	-16,100	-23,306	-23,306	17,768	0,790	0,000	1,250	7,479	-3,235	8,401
(Paratia 800)	7646	3	0,000	-16,381	-21,918	-21,918	17,427	0,241	-0,180	1,071	7,624	-2,919	8,424
	7647	4	0,000	-16,663	-20,555	-20,555	16,971	-0,285	-0,675	0,920	7,617	-2,660	8,304
	8054	5	0,000	-16,944	-19,217	-19,217	16,402	-0,778	-1,148	0,796	7,467	-2,446	8,047

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_12	8054	1	0,000	-16,944	-19,212	-19,212	16,403	-0,780	-1,144	0,795	7,467	-2,446	8,047
Element 13-41 (Plate)	8055	2	0,000	-17,233	-17,861	-17,861	15,702	-1,248	-1,592	0,689	7,174	-2,267	7,652
(Paratia 800)	8056	3	0,000	-17,521	-16,514	-16,514	15,008	-1,694	-2,018	0,604	6,748	-2,122	7,130
	8057	4	0,000	-17,810	-15,172	-15,172	14,177	-2,119	-2,419	0,539	6,197	-2,002	6,489
	8538	5	0,000	-18,099	-13,833	-13,833	13,205	-2,523	-2,796	0,494	5,527	-1,903	5,736
Plate_1_12	8538	1	0,000	-18,099	-13,821	-13,821	13,206	-2,517	-2,787	0,495	5,527	-1,903	5,736
Element 13-42 (Plate)	8539	2	0,000	-18,395	-12,438	-12,438	12,103	-2,911	-3,151	0,463	4,720	-1,813	4,854
(Paratia 800)	8540	3	0,000	-18,691	-11,011	-11,011	10,868	-3,205	-3,408	0,456	3,812	-1,722	3,881
	8541	4	0,000	-18,988	-9,538	-9,538	9,465	-3,416	-3,575	0,463	2,829	-1,623	2,844
	9120	5	0,000	-19,284	-8,012	-8,012	7,895	-3,562	-3,673	0,473	1,794	-1,510	1,794
Plate_1_12	9120	1	0,000	-19,284	-7,951	-7,951	7,913	-3,382	-3,475	0,543	1,794	-1,510	1,794
Element 13-43 (Plate)	9121	2	0,000	-19,588	-6,372	-6,372	6,103	-3,229	-3,335	0,518	0,693	-1,415	0,693
(Paratia 800)	9122	3	0,000	-19,892	-4,579	-4,579	4,154	-1,311	-1,311	1,535	0,045	-1,065	0,045
	9123	4	0,000	-20,196	-2,520	-2,520	2,089	0,360	-0,067	2,112	-0,130	-0,529	0,015
	9124	5	0,000	-20,500	-0,147	-0,147	0,000	-0,226	-0,602	0,860	0,000	0,000	0,000

3.1.1.1.10 Calculation results, Plate, Versante - fase B [Phase_10] (10/34), Table of plate force envelopes

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_1	361	1	0,000	-0,500	0,000	0,000	0,013	0,000	-0,270	0,043	0,000	0,000	0,000
Element 1-1 (Plate)	360	2	0,000	-0,625	-0,342	-1,357	0,000	-1,155	-1,155	4,448	-0,066	-0,066	0,276
(Paratia 800)	359	3	0,000	-0,750	-0,685	-2,737	0,000	-2,945	-2,945	7,904	-0,315	-0,315	1,057
	358	4	0,000	-0,875	-1,028	-4,124	0,000	-5,371	-5,371	10,311	-0,828	-0,828	2,204
	357	5	0,000	-1,000	-1,370	-5,518	0,000	-8,429	-8,429	11,630	-1,684	-1,684	3,586
Plate_1_2	357	1	0,000	-1,000	-1,370	-5,523	0,000	-8,433	-8,433	11,799	-1,684	-1,684	3,586
Element 2-2 (Plate)	168	2	0,000	-1,250	-2,055	-8,332	0,000	-17,178	-17,178	13,097	-4,831	-4,831	6,718
(Paratia 800)	167	3	0,000	-1,500	-2,740	-11,197	0,000	-28,472	-28,472	13,425	-10,487	-10,487	10,054
	166	4	0,000	-1,750	-3,425	-14,119	0,000	-42,306	-42,306	12,812	-19,282	-19,282	13,354
	189	5	0,000	-2,000	-4,110	-17,097	0,000	-58,672	-58,672	11,285	-31,849	-31,849	16,384
Plate_1_3	189	1	0,000	-2,000	-4,110	-17,102	0,000	-58,677	-58,677	11,302	-31,849	-31,849	16,384
Element 3-3 (Plate)	192	2	0,000	-2,125	-4,452	-18,619	0,000	-68,646	-68,646	10,221	-39,803	-39,803	17,731
(Paratia 800)	191	3	0,000	-2,250	-4,795	-20,157	0,000	-78,741	-78,741	8,929	-49,016	-49,016	18,930
	190	4	0,000	-2,375	-5,138	-21,715	0,000	-88,954	-88,954	7,425	-59,498	-59,498	19,955
	209	5	0,000	-2,500	-5,480	-23,291	0,000	-99,280	-99,280	5,710	-71,259	-71,259	20,778
Plate_1_4	209	1	0,000	-2,500	-5,480	-23,294	0,000	-99,288	-99,288	5,712	-71,259	-71,259	20,778
Element 4-4 (Plate)	212	2	0,000	-2,750	-6,165	-26,508	0,000	-122,271	-122,271	1,650	-98,942	-98,942	21,713
(Paratia 800)	211	3	0,000	-3,000	-6,850	-29,817	0,000	-145,461	-145,461	0,001	-132,414	-132,414	21,522
	210	4	0,000	-3,250	-7,535	-33,217	0,000	-168,844	-168,844	0,000	-171,706	-171,706	19,991
	229	5	0,000	-3,500	-8,220	-36,708	0,000	-192,402	-192,402	0,000	-216,848	-216,848	16,908
Plate_1_5	229	1	0,000	-3,500	-8,220	-36,710	0,000	-192,411	-192,411	0,000	-216,848	-216,848	16,908
Element 5-5 (Plate)	232	2	0,000	-3,673	-8,693	-39,176	0,000	-208,275	-208,275	0,000	-251,398	-251,398	13,765
(Paratia 800)	231	3	0,000	-3,845	-9,165	-41,690	0,000	-224,241	-224,241	0,000	-288,710	-288,710	9,709
	230	4	0,000	-4,018	-9,638	-44,249	0,000	-240,298	-240,298	0,000	-328,784	-328,784	4,674
	249	5	0,000	-4,190	-10,110	-46,853	0,000	-256,435	-256,435	0,000	-371,616	-371,616	0,409
Plate_1_6	249	1	0,000	-4,190	-82,189	-82,189	0,000	-131,933	-131,933	0,000	-371,616	-371,616	0,409

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Element 6-6 (Plate)	252	2	0,000	-4,268	-82,401	-82,401	0,000	-139,213	-139,213	0,000	-382,121	-382,121	0,000
(Paratia 800)	251	3	0,000	-4,345	-82,614	-82,614	0,000	-146,516	-146,516	0,000	-393,195	-393,195	0,000
	250	4	0,000	-4,423	-82,826	-82,826	0,000	-153,838	-153,838	0,000	-404,836	-404,836	0,000
	448	5	0,000	-4,500	-83,038	-83,038	0,000	-161,173	-161,173	0,000	-417,040	-417,040	0,000
Plate_1_7	448	1	0,000	-4,500	-83,038	-83,038	0,000	-161,177	-161,177	0,000	-417,040	-417,040	0,000
Element 7-7 (Plate)	451	2	0,000	-4,611	-83,343	-83,343	0,000	-171,413	-171,413	0,000	-435,524	-435,525	0,000
(Paratia 800)	450	3	0,000	-4,722	-83,648	-83,648	0,000	-181,693	-181,693	0,000	-455,159	-455,159	0,000
	449	4	0,000	-4,834	-83,952	-83,952	0,000	-192,011	-192,011	0,000	-475,938	-475,938	0,000
	468	5	0,000	-4,945	-84,257	-84,257	0,000	-202,360	-202,360	0,000	-497,856	-497,856	0,000
Plate_1_7	468	1	0,000	-4,945	-84,257	-84,257	0,000	-202,365	-202,365	0,000	-497,856	-497,856	0,000
Element 7-8 (Plate)	471	2	0,000	-5,025	-84,477	-84,477	0,000	-209,883	-209,883	0,000	-514,448	-514,448	0,000
(Paratia 800)	470	3	0,000	-5,106	-84,698	-84,698	0,000	-217,426	-217,426	0,000	-531,654	-531,654	0,000
	469	4	0,000	-5,186	-84,919	-84,919	0,000	-224,989	-224,989	0,000	-549,468	-549,468	0,000
	491	5	0,000	-5,267	-85,139	-85,139	0,000	-232,566	-232,566	0,000	-567,883	-567,883	0,000
Plate_1_7	491	1	0,000	-5,267	-85,139	-85,139	0,000	-232,569	-232,569	0,000	-567,883	-567,883	0,000
Element 7-9 (Plate)	490	2	0,000	-5,325	-85,299	-85,299	0,000	-238,069	-238,069	0,000	-581,600	-581,600	0,000
(Paratia 800)	489	3	0,000	-5,383	-85,459	-85,459	0,000	-243,583	-243,583	0,000	-595,644	-595,644	0,000
	488	4	0,000	-5,442	-85,619	-85,619	0,000	-249,108	-249,108	0,000	-610,010	-610,010	0,000
	502	5	0,000	-5,500	-85,778	-85,778	0,000	-254,639	-254,639	0,000	-624,692	-624,692	0,000
Plate_1_8	502	1	0,000	-5,500	-85,778	-85,778	0,000	-254,640	-254,640	0,000	-624,692	-624,692	0,000
Element 8-10 (Plate)	505	2	0,000	-5,512	-85,813	-85,813	0,000	-254,640	-254,640	0,000	-627,874	-627,874	0,000
(Paratia 800)	504	3	0,000	-5,525	-85,847	-85,847	0,000	-254,640	-254,640	0,000	-631,058	-631,058	0,000
	503	4	0,000	-5,537	-85,881	-85,881	0,000	-254,640	-254,640	0,000	-634,242	-634,242	0,000
	804	5	0,000	-5,550	-85,915	-85,915	0,000	-254,640	-254,640	0,000	-637,424	-637,424	0,000
Plate_1_9	804	1	0,000	-5,550	-85,834	-85,834	0,000	-255,900	-255,900	0,000	-637,424	-637,424	0,000
Element 9-11 (Plate)	807	2	0,000	-5,586	-87,239	-87,239	0,000	-243,798	-243,798	0,000	-646,426	-646,426	0,000
(Paratia 800)	806	3	0,000	-5,622	-88,555	-88,555	0,000	-232,389	-232,389	0,000	-655,008	-655,008	0,000
	805	4	0,000	-5,658	-89,789	-89,789	0,000	-221,806	-221,806	0,000	-663,194	-663,194	0,000
	1242	5	0,000	-5,694	-90,949	-90,949	0,000	-212,186	-212,186	0,000	-671,010	-671,010	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_10	1242	1	0,000	-5,694	-90,963	-90,963	0,000	-212,148	-212,148	0,000	-671,010	-671,010	0,000
Element 10-12 (Plate)	1245	2	0,000	-5,738	-92,341	-92,341	0,000	-201,428	-201,428	0,000	-680,097	-680,097	0,000
(Paratia 800)	1244	3	0,000	-5,782	-93,670	-93,670	0,000	-190,950	-190,950	0,000	-688,721	-688,721	0,000
	1243	4	0,000	-5,826	-94,949	-94,949	0,000	-180,781	-180,781	0,000	-696,891	-696,891	0,000
	1514	5	0,000	-5,870	-96,179	-96,179	0,000	-170,988	-170,988	0,000	-704,618	-704,618	0,000
Plate_2_1	3482	1	4,500	-5,870	10,525	0,000	10,525	-198,181	-198,181	0,000	-13,356	-13,356	4,001
Element 11-13 (Plate)	3483	2	4,700	-5,870	9,765	-0,059	9,765	-188,206	-188,206	0,000	-52,050	-52,050	0,000
(PLINTO)	3484	3	4,901	-5,870	9,137	-0,374	9,137	-178,235	-178,235	0,000	-88,763	-88,763	0,000
	3485	4	5,101	-5,870	8,634	-0,442	8,634	-168,262	-168,262	0,000	-123,478	-123,478	0,000
	3928	5	5,301	-5,870	8,246	-0,733	8,246	-158,281	-158,281	0,000	-156,179	-156,179	0,000
Plate_2_1	3928	1	5,301	-5,870	8,249	-0,674	8,249	-158,276	-158,276	0,000	-156,179	-156,179	0,000
Element 11-14 (Plate)	3929	2	5,492	-5,870	7,976	-0,823	7,976	-148,781	-148,781	0,000	-185,392	-185,392	0,000
(PLINTO)	3930	3	5,682	-5,870	7,746	-0,956	7,746	-139,275	-139,275	0,000	-212,809	-212,809	0,000
	3931	4	5,872	-5,870	7,553	-1,076	7,553	-129,762	-129,762	0,000	-238,416	-238,416	0,000
	4422	5	6,063	-5,870	7,390	-1,190	7,390	-120,251	-120,251	0,000	-262,201	-262,201	0,000
Plate_2_1	4422	1	6,063	-5,870	7,395	-1,189	7,395	-120,245	-120,245	0,000	-262,201	-262,201	0,000
Element 11-15 (Plate)	4423	2	6,243	-5,870	7,259	-1,288	7,259	-111,206	-111,206	0,000	-283,121	-283,121	0,000
(PLINTO)	4424	3	6,424	-5,870	7,141	-1,382	7,141	-102,158	-102,158	0,000	-302,413	-302,413	0,000
	4425	4	6,605	-5,870	7,038	-1,472	7,038	-93,107	-93,107	0,000	-320,070	-320,070	0,000
	4732	5	6,786	-5,870	6,947	-1,558	6,947	-84,061	-84,061	0,000	-336,082	-336,082	0,000
Plate_2_1	4732	1	6,786	-5,870	6,948	-1,558	6,948	-84,056	-84,056	0,000	-336,082	-336,082	0,000
Element 11-16 (Plate)	4733	2	6,958	-5,870	6,871	-1,637	6,871	-75,461	-75,461	0,000	-349,779	-349,779	0,000
(PLINTO)	4734	3	7,129	-5,870	6,801	-1,715	6,801	-66,858	-66,858	0,000	-362,005	-362,005	0,000
	4735	4	7,301	-5,870	6,739	-1,790	6,739	-58,255	-58,255	0,000	-372,753	-372,753	0,000
	5274	5	7,473	-5,870	6,683	-1,864	6,683	-49,657	-49,657	0,000	-382,018	-382,018	0,000
Plate_2_1	5274	1	7,473	-5,870	6,679	-1,864	6,679	-49,653	-49,653	0,000	-382,018	-382,018	0,000
Element 11-17 (Plate)	4904	2	7,636	-5,870	6,632	-1,934	6,632	-41,485	-41,485	0,000	-389,452	-389,452	0,000
(PLINTO)	4905	3	7,799	-5,870	6,589	-2,002	6,589	-33,310	-33,310	0,000	-395,556	-395,556	0,000
	4906	4	7,962	-5,870	6,550	-2,069	6,550	-25,135	-25,135	0,000	-400,326	-400,326	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	4910	5	8,126	-5,870	6,514	-2,135	6,514	-16,965	-16,965	0,000	-403,760	-403,760	0,000
Plate_2_1	4910	1	8,126	-5,870	6,514	-2,136	6,514	-16,962	-16,962	0,000	-403,760	-403,760	0,000
Element 11-18 (Plate)	4911	2	8,281	-5,870	6,482	-2,197	6,482	-9,200	-9,200	0,000	-405,788	-405,788	0,000
(PLINTO)	4912	3	8,436	-5,870	6,453	-2,258	6,453	-1,434	-1,434	0,703	-406,612	-406,612	0,000
	4913	4	8,591	-5,870	6,426	-2,318	6,426	6,333	0,000	7,615	-406,232	-406,232	0,000
	5328	5	8,746	-5,870	6,401	-2,377	6,401	14,094	0,000	15,010	-404,649	-404,649	0,000
Plate_2_1	5328	1	8,746	-5,870	6,400	-2,377	6,400	14,098	0,000	15,014	-404,649	-404,649	0,000
Element 11-19 (Plate)	5322	2	8,893	-5,870	6,379	-2,432	6,379	21,471	0,000	22,392	-402,031	-402,031	0,000
(PLINTO)	5323	3	9,040	-5,870	6,358	-2,485	6,358	28,850	0,000	29,775	-398,324	-398,324	0,000
	5324	4	9,188	-5,870	6,339	-2,538	6,339	36,228	0,000	37,157	-393,531	-393,531	0,000
	5338	5	9,335	-5,870	6,322	-2,588	6,322	43,601	0,000	44,532	-387,654	-387,654	0,000
Plate_2_1	5338	1	9,335	-5,870	6,322	-2,588	6,322	43,605	0,000	44,536	-387,654	-387,654	0,000
Element 11-20 (Plate)	5339	2	9,475	-5,870	6,306	-2,635	6,306	50,610	0,000	51,540	-381,065	-381,065	0,000
(PLINTO)	5340	3	9,615	-5,870	6,292	-2,680	6,292	57,619	0,000	58,549	-373,491	-373,491	0,000
	5341	4	9,755	-5,870	6,279	-2,723	6,279	64,629	0,000	65,559	-364,937	-364,937	0,000
	6072	5	9,894	-5,870	6,266	-2,764	6,266	71,633	0,000	72,565	-355,407	-355,407	0,000
Plate_2_1	6072	1	9,894	-5,870	6,266	-2,764	6,266	71,637	0,000	72,569	-355,407	-355,407	0,000
Element 11-21 (Plate)	6066	2	10,027	-5,870	6,255	-2,800	6,255	78,291	0,000	79,224	-345,445	-345,445	0,000
(PLINTO)	6067	3	10,160	-5,870	6,245	-2,835	6,245	84,950	0,000	85,885	-334,594	-334,594	0,000
	6068	4	10,293	-5,870	6,235	-2,866	6,235	91,609	0,000	92,546	-322,857	-322,857	0,000
	6332	5	10,426	-5,870	6,226	-2,893	6,226	98,263	0,000	99,202	-310,241	-310,241	0,000
Plate_2_1	6332	1	10,426	-5,870	6,227	-2,893	6,227	98,266	0,000	99,206	-310,241	-310,241	0,000
Element 11-22 (Plate)	6333	2	10,552	-5,870	6,219	-2,916	6,219	104,587	0,000	105,529	-297,437	-297,437	0,000
(PLINTO)	6334	3	10,679	-5,870	6,213	-2,934	6,213	110,912	0,000	111,857	-283,827	-283,827	0,000
	6335	4	10,805	-5,870	6,207	-2,946	6,207	117,236	0,000	118,184	-269,420	-269,420	0,000
	6342	5	10,931	-5,870	6,201	-2,951	6,201	123,555	0,000	124,506	-254,220	-254,220	0,000
Plate_2_1	6342	1	10,931	-5,870	6,201	-2,951	6,201	123,558	0,000	124,509	-254,220	-254,220	0,000
Element 11-23 (Plate)	6343	2	11,051	-5,870	6,196	-2,948	6,196	129,561	0,000	130,514	-239,041	-239,041	0,000
(PLINTO)	6344	3	11,171	-5,870	6,192	-2,935	6,192	135,566	0,000	136,523	-223,135	-223,135	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	6345	4	11,291	-5,870	6,188	-2,910	6,188	141,569	0,000	142,531	-206,508	-206,508	0,000
	6512	5	11,411	-5,870	6,185	-2,870	6,185	147,566	0,000	148,534	-189,169	-189,169	0,000
Plate_2_1	6512	1	11,411	-5,870	6,182	-2,870	6,182	147,569	0,000	148,536	-189,169	-189,169	0,000
Element 11-24 (Plate)	6513	2	11,525	-5,870	6,182	-2,812	6,182	153,265	0,000	154,237	-172,031	-172,031	0,000
(PLINTO)	6514	3	11,639	-5,870	6,179	-2,731	6,179	158,960	0,000	159,940	-154,235	-154,235	0,000
	6515	4	11,753	-5,870	6,177	-2,618	6,177	164,651	0,000	165,640	-135,790	-135,790	0,000
	6578	5	11,867	-5,870	6,179	-2,465	6,179	170,333	0,000	171,333	-116,706	-116,706	0,000
Plate_2_1	6578	1	11,867	-5,870	6,171	-2,484	6,171	170,331	0,000	171,336	-116,706	-116,706	0,000
Element 11-25 (Plate)	6579	2	11,975	-5,870	6,184	-2,217	6,184	175,731	0,000	176,740	-97,976	-97,976	0,000
(PLINTO)	6580	3	12,083	-5,870	6,178	-1,989	6,178	181,118	0,000	182,143	-78,654	-78,654	0,000
	6581	4	12,192	-5,870	6,187	-1,485	6,187	186,505	0,000	187,537	-58,748	-58,748	0,000
	7268	5	12,300	-5,870	6,247	-0,388	6,247	191,907	0,000	192,918	-38,267	-38,267	3,563
Plate_1_11	1514	1	0,000	-5,870	-96,167	-96,167	0,000	-170,275	-170,275	0,000	-704,618	-704,618	0,000
Element 12-26 (Plate)	1517	2	0,000	-5,932	-95,181	-95,181	0,000	-143,112	-143,112	0,000	-714,334	-714,334	0,000
(Paratia 800)	1516	3	0,000	-5,994	-94,229	-94,229	0,000	-118,291	-118,291	0,000	-722,442	-722,442	0,000
	1515	4	0,000	-6,056	-93,307	-93,318	0,000	-95,685	-95,685	0,000	-729,076	-729,076	0,000
	1766	5	0,000	-6,118	-92,410	-92,612	0,000	-75,166	-75,166	0,000	-734,369	-734,369	0,000
Plate_1_11	1766	1	0,000	-6,118	-92,407	-92,608	0,000	-74,773	-74,773	0,000	-734,369	-734,369	0,000
Element 12-27 (Plate)	1769	2	0,000	-6,192	-91,367	-91,794	0,000	-52,123	-52,123	0,020	-739,009	-739,009	0,000
(Paratia 800)	1768	3	0,000	-6,265	-90,347	-91,004	0,000	-30,811	-30,811	0,096	-742,040	-742,040	0,000
	1767	4	0,000	-6,338	-89,348	-90,236	0,000	-10,808	-20,786	0,163	-743,558	-743,558	0,000
	2084	5	0,000	-6,412	-88,370	-89,492	0,000	7,912	-15,377	7,912	-743,656	-743,656	0,000
Plate_1_11	2084	1	0,000	-6,412	-88,367	-89,490	0,000	7,983	-15,329	7,983	-743,656	-743,656	0,000
Element 12-28 (Plate)	2087	2	0,000	-6,498	-87,236	-88,634	0,000	28,595	-9,587	28,595	-742,065	-742,065	0,000
(Paratia 800)	2086	3	0,000	-6,584	-86,117	-87,799	0,000	47,843	-4,405	47,843	-738,750	-738,750	0,000
	2085	4	0,000	-6,671	-85,012	-86,985	0,000	65,739	0,000	65,739	-733,829	-733,829	0,000
	2440	5	0,000	-6,757	-83,920	-86,192	0,000	82,293	0,000	82,293	-727,421	-727,421	0,000
Plate_1_11	2440	1	0,000	-6,757	-83,919	-86,190	0,000	82,336	0,000	82,336	-727,421	-727,421	0,000
Element 12-29 (Plate)	2441	2	0,000	-6,859	-82,640	-85,278	0,000	100,288	0,000	100,288	-718,094	-718,094	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
(Paratia 800)	2442	3	0,000	-6,961	-81,370	-84,387	0,000	116,641	0,000	116,641	-707,012	-707,012	0,000
	2443	4	0,000	-7,063	-80,110	-83,518	0,000	131,395	0,000	131,395	-694,343	-694,343	0,000
	2830	5	0,000	-7,165	-78,861	-82,671	0,000	144,552	0,000	144,552	-680,257	-680,257	0,000
Plate_1_11	2830	1	0,000	-7,165	-78,862	-82,669	0,000	144,603	0,000	144,603	-680,257	-680,257	0,000
Element 12-30 (Plate)	2831	2	0,000	-7,286	-77,403	-81,694	0,000	158,044	0,000	158,044	-662,024	-662,024	0,000
(Paratia 800)	2832	3	0,000	-7,406	-75,963	-80,743	0,000	169,461	0,000	169,461	-642,287	-642,287	0,000
	2833	4	0,000	-7,527	-74,542	-79,816	0,000	178,879	0,000	178,879	-621,295	-621,295	0,000
	3320	5	0,000	-7,647	-73,141	-78,912	0,000	186,323	0,000	186,323	-599,299	-599,299	0,000
Plate_1_11	3320	1	0,000	-7,647	-73,143	-78,911	0,000	186,420	0,000	186,420	-599,299	-599,299	0,000
Element 12-31 (Plate)	3321	2	0,000	-7,789	-71,520	-77,873	0,000	192,876	0,000	192,876	-572,339	-572,339	0,000
(Paratia 800)	3322	3	0,000	-7,931	-69,938	-76,861	0,000	197,065	0,000	197,065	-544,614	-544,614	0,000
	3323	4	0,000	-8,073	-68,399	-75,875	0,000	199,073	0,000	199,073	-516,446	-516,446	0,000
	3792	5	0,000	-8,215	-66,903	-74,917	0,000	198,985	0,000	198,985	-488,159	-488,159	0,000
Plate_1_11	3792	1	0,000	-8,215	-66,901	-74,915	0,000	199,238	0,000	199,238	-488,159	-488,159	0,000
Element 12-32 (Plate)	3795	2	0,000	-8,383	-65,190	-73,815	0,000	197,205	0,000	197,205	-454,922	-454,922	0,000
(Paratia 800)	3794	3	0,000	-8,550	-63,533	-72,743	0,000	193,693	0,000	193,693	-422,138	-422,138	0,000
	3793	4	0,000	-8,718	-61,929	-71,699	0,000	188,811	0,000	188,811	-390,056	-390,056	0,000
	4000	5	0,000	-8,886	-60,381	-70,683	0,000	182,668	0,000	182,668	-358,917	-358,917	0,000
Plate_1_11	4000	1	0,000	-8,886	-60,378	-70,681	0,000	182,851	0,000	182,851	-358,917	-358,917	0,000
Element 12-33 (Plate)	4001	2	0,000	-9,083	-58,617	-69,513	0,000	174,617	0,000	174,617	-323,566	-323,566	0,000
(Paratia 800)	4002	3	0,000	-9,281	-56,921	-68,371	0,000	165,743	0,000	165,743	-289,895	-289,895	0,000
	4003	4	0,000	-9,479	-55,292	-67,256	0,000	156,306	0,000	156,306	-258,032	-258,032	0,000
	4562	5	0,000	-9,677	-53,730	-66,167	0,000	146,379	0,000	146,379	-228,103	-228,103	0,000
Plate_1_11	4562	1	0,000	-9,677	-53,729	-66,163	0,000	146,443	0,000	146,443	-228,103	-228,103	0,000
Element 12-34 (Plate)	4563	2	0,000	-9,910	-51,960	-64,902	0,000	134,544	0,000	134,544	-195,321	-195,321	0,000
(Paratia 800)	4564	3	0,000	-10,143	-50,274	-63,656	0,000	122,413	0,000	122,413	-165,331	-165,331	0,000
	4565	4	0,000	-10,377	-48,675	-62,425	0,000	110,094	0,000	110,094	-138,192	-138,192	0,000
	5222	5	0,000	-10,610	-47,165	-61,211	0,000	97,632	0,000	97,632	-113,960	-113,960	0,000
Plate_1_12	5222	1	0,000	-10,610	-47,171	-61,217	0,000	97,769	0,000	97,769	-113,960	-113,960	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Element 13-35 (Plate)	5223	2	0,000	-10,857	-44,598	-58,977	1,303	83,875	0,000	83,875	-91,548	-91,548	0,000
(Paratia 800)	5224	3	0,000	-11,104	-42,131	-56,785	3,153	71,364	0,000	71,364	-72,392	-72,392	0,000
	5225	4	0,000	-11,351	-39,769	-54,643	4,886	60,255	0,000	60,255	-56,154	-56,154	0,000
	5528	5	0,000	-11,598	-37,513	-52,553	6,500	50,563	0,000	50,563	-42,494	-42,494	0,000
Plate_1_12	5528	1	0,000	-11,598	-37,507	-52,551	6,503	50,467	0,000	50,467	-42,494	-42,494	0,000
Element 13-36 (Plate)	5529	2	0,000	-11,852	-35,284	-50,456	8,041	41,770	0,000	41,770	-30,824	-30,824	0,000
(Paratia 800)	5530	3	0,000	-12,106	-33,147	-48,407	9,465	34,172	0,000	34,172	-21,215	-21,873	0,000
	5531	4	0,000	-12,359	-31,098	-46,404	10,774	27,644	0,000	27,644	-13,397	-19,467	0,000
	6014	5	0,000	-12,613	-29,138	-44,448	11,968	22,154	0,000	22,154	-7,106	-17,251	0,000
Plate_1_12	6014	1	0,000	-12,613	-29,136	-44,446	11,970	22,078	0,000	22,078	-7,106	-17,251	0,000
Element 13-37 (Plate)	6015	2	0,000	-12,873	-27,209	-42,484	13,080	17,324	0,000	17,324	-1,996	-15,188	0,000
(Paratia 800)	6016	3	0,000	-13,133	-25,365	-40,563	14,076	13,289	0,000	13,289	1,974	-13,336	1,974
	6017	4	0,000	-13,394	-23,604	-38,687	14,959	9,945	0,000	9,945	4,983	-11,686	4,983
	6442	5	0,000	-13,654	-21,926	-36,855	15,728	7,260	0,000	7,260	7,208	-10,229	7,208
Plate_1_12	6442	1	0,000	-13,654	-21,924	-36,854	15,730	7,204	0,000	7,204	7,208	-10,229	7,208
Element 13-38 (Plate)	6443	2	0,000	-13,921	-20,285	-35,024	16,404	4,966	0,000	5,431	8,823	-8,918	8,823
(Paratia 800)	6444	3	0,000	-14,188	-18,725	-33,478	16,966	3,134	0,000	4,791	9,897	-7,777	9,897
	6445	4	0,000	-14,455	-17,245	-31,967	17,415	1,682	0,000	4,173	10,531	-6,791	10,531
	6992	5	0,000	-14,722	-15,847	-30,490	17,751	0,584	0,000	3,578	10,827	-5,943	10,827
Plate_1_12	6992	1	0,000	-14,722	-15,845	-30,488	17,752	0,547	0,000	3,574	10,827	-5,943	10,827
Element 13-39 (Plate)	6993	2	0,000	-14,996	-14,490	-29,004	17,982	-0,326	-0,326	2,991	10,852	-5,207	10,852
(Paratia 800)	6994	3	0,000	-15,271	-13,214	-27,548	18,099	-1,014	-1,014	2,429	10,665	-4,585	10,665
	6995	4	0,000	-15,545	-12,018	-26,119	18,103	-1,536	-1,536	1,885	10,311	-4,058	10,311
	7644	5	0,000	-15,819	-10,900	-24,719	17,994	-1,911	-1,911	1,482	9,836	-3,615	9,836
Plate_1_12	7644	1	0,000	-15,819	-10,900	-24,718	17,995	-1,926	-1,926	1,480	9,836	-3,615	9,836
Element 13-40 (Plate)	7645	2	0,000	-16,100	-9,832	-23,306	17,768	-2,246	-2,246	1,250	9,248	-3,235	9,248
(Paratia 800)	7646	3	0,000	-16,381	-8,846	-21,918	17,427	-2,496	-2,496	1,071	8,579	-2,919	8,579
	7647	4	0,000	-16,663	-7,942	-20,555	16,971	-2,674	-2,674	0,920	7,850	-2,660	8,304
	8054	5	0,000	-16,944	-7,119	-19,217	16,402	-2,776	-2,776	0,796	7,082	-2,446	8,047

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_12	8054	1	0,000	-16,944	-7,115	-19,212	16,403	-2,785	-2,785	0,795	7,082	-2,446	8,047
Element 13-41 (Plate)	8055	2	0,000	-17,233	-6,353	-17,861	15,702	-2,828	-2,828	0,689	6,271	-2,267	7,652
(Paratia 800)	8056	3	0,000	-17,521	-5,660	-16,514	15,008	-2,839	-2,839	0,604	5,452	-2,122	7,130
	8057	4	0,000	-17,810	-5,036	-15,172	14,177	-2,823	-2,823	0,539	4,634	-2,002	6,489
	8538	5	0,000	-18,099	-4,478	-13,833	13,205	-2,782	-2,796	0,494	3,824	-1,903	5,736
Plate_1_12	8538	1	0,000	-18,099	-4,470	-13,821	13,206	-2,802	-2,802	0,495	3,824	-1,903	5,736
Element 13-42 (Plate)	8539	2	0,000	-18,395	-3,955	-12,438	12,103	-2,723	-3,151	0,463	3,005	-1,813	4,854
(Paratia 800)	8540	3	0,000	-18,691	-3,475	-11,011	10,868	-2,613	-3,408	0,456	2,214	-1,722	3,881
	8541	4	0,000	-18,988	-3,027	-9,538	9,465	-2,486	-3,575	0,463	1,458	-1,623	2,844
	9120	5	0,000	-19,284	-2,607	-8,012	7,895	-2,356	-3,673	0,473	0,741	-1,510	1,794
Plate_1_12	9120	1	0,000	-19,284	-2,542	-7,951	7,913	-2,250	-3,475	0,543	0,741	-1,510	1,794
Element 13-43 (Plate)	9121	2	0,000	-19,588	-2,190	-6,372	6,103	-1,625	-3,335	0,518	0,143	-1,415	0,693
(Paratia 800)	9122	3	0,000	-19,892	-1,697	-4,579	4,154	-0,735	-1,311	1,535	-0,219	-1,065	0,045
	9123	4	0,000	-20,196	-1,021	-2,520	2,089	0,344	-0,067	2,112	-0,285	-0,529	0,015
	9124	5	0,000	-20,500	-0,121	-0,147	0,000	1,534	-0,602	1,534	0,000	0,000	0,000

3.1.1.1.11 Calculation results, Plate, Versante + SISMA [Phase_12] (11/37), Table of plate force envelopes

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_1	361	1	0,000	-0,500	0,000	0,000	0,013	-0,001	-0,270	0,043	0,000	0,000	0,000
Element 1-1 (Plate)	360	2	0,000	-0,625	-0,342	-1,357	0,000	-1,190	-1,190	4,448	-0,067	-0,067	0,276
(Paratia 800)	359	3	0,000	-0,750	-0,685	-2,737	0,000	-3,088	-3,088	7,904	-0,327	-0,327	1,057
	358	4	0,000	-0,875	-1,028	-4,124	0,000	-5,693	-5,693	10,311	-0,869	-0,869	2,204
	357	5	0,000	-1,000	-1,370	-5,518	0,000	-9,002	-9,002	11,630	-1,780	-1,780	3,586
Plate_1_2	357	1	0,000	-1,000	-1,370	-5,523	0,000	-9,006	-9,006	11,799	-1,780	-1,780	3,586
Element 2-2 (Plate)	168	2	0,000	-1,250	-2,055	-8,332	0,000	-18,466	-18,466	13,097	-5,153	-5,153	6,718
(Paratia 800)	167	3	0,000	-1,500	-2,740	-11,197	0,000	-30,762	-30,762	13,425	-11,250	-11,250	10,054
	166	4	0,000	-1,750	-3,425	-14,119	0,000	-45,884	-45,884	12,812	-20,773	-20,773	13,354
	189	5	0,000	-2,000	-4,110	-17,097	0,000	-63,824	-63,824	11,285	-34,425	-34,425	16,384
Plate_1_3	189	1	0,000	-2,000	-4,110	-17,102	0,000	-63,830	-63,830	11,302	-34,425	-34,425	16,384
Element 3-3 (Plate)	192	2	0,000	-2,125	-4,452	-18,619	0,000	-73,946	-73,946	10,221	-43,027	-43,027	17,731
(Paratia 800)	191	3	0,000	-2,250	-4,795	-20,157	0,000	-84,776	-84,776	8,929	-52,942	-52,942	18,930
	190	4	0,000	-2,375	-5,138	-21,715	0,000	-96,312	-96,312	7,425	-64,255	-64,255	19,955
	209	5	0,000	-2,500	-5,480	-23,291	0,000	-108,547	-108,547	5,710	-77,049	-77,049	20,778
Plate_1_4	209	1	0,000	-2,500	-5,480	-23,294	0,000	-108,556	-108,556	5,712	-77,049	-77,049	20,778
Element 4-4 (Plate)	212	2	0,000	-2,750	-6,165	-26,508	0,000	-133,971	-133,971	1,650	-107,346	-107,346	21,713
(Paratia 800)	211	3	0,000	-3,000	-6,850	-29,817	0,000	-159,881	-159,881	0,001	-144,078	-144,078	21,522
	210	4	0,000	-3,250	-7,535	-33,217	0,000	-186,270	-186,270	0,000	-187,345	-187,345	19,991
	229	5	0,000	-3,500	-8,220	-36,708	0,000	-213,119	-213,119	0,000	-237,249	-237,249	16,908
Plate_1_5	229	1	0,000	-3,500	-8,220	-36,710	0,000	-213,130	-213,130	0,000	-237,249	-237,249	16,908
Element 5-5 (Plate)	232	2	0,000	-3,673	-8,693	-39,176	0,000	-231,430	-231,430	0,000	-275,579	-275,579	13,765
(Paratia 800)	231	3	0,000	-3,845	-9,165	-41,690	0,000	-249,971	-249,971	0,000	-317,107	-317,107	9,709
	230	4	0,000	-4,018	-9,638	-44,249	0,000	-268,740	-268,740	0,000	-361,852	-361,852	4,674
	249	5	0,000	-4,190	-10,110	-46,853	0,000	-287,723	-287,723	0,000	-409,833	-409,833	0,409
Plate_1_6	249	1	0,000	-4,190	-97,887	-97,887	0,000	-136,105	-136,105	0,000	-409,833	-409,833	0,409

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Element 6-6 (Plate)	252	2	0,000	-4,268	-98,099	-98,099	0,000	-144,708	-144,708	0,000	-420,712	-420,712	0,000
(Paratia 800)	251	3	0,000	-4,345	-98,312	-98,312	0,000	-153,362	-153,362	0,000	-432,265	-432,265	0,000
	250	4	0,000	-4,423	-98,524	-98,524	0,000	-162,063	-162,063	0,000	-444,490	-444,490	0,000
	448	5	0,000	-4,500	-98,736	-98,736	0,000	-170,804	-170,804	0,000	-457,385	-457,385	0,000
Plate_1_7	448	1	0,000	-4,500	-98,736	-98,736	0,000	-170,809	-170,809	0,000	-457,385	-457,385	0,000
Element 7-7 (Plate)	451	2	0,000	-4,611	-99,041	-99,041	0,000	-183,108	-183,108	0,000	-477,054	-477,054	0,000
(Paratia 800)	450	3	0,000	-4,722	-99,346	-99,346	0,000	-195,511	-195,511	0,000	-498,107	-498,107	0,000
	449	4	0,000	-4,834	-99,650	-99,650	0,000	-208,008	-208,008	0,000	-520,543	-520,543	0,000
	468	5	0,000	-4,945	-99,955	-99,955	0,000	-220,591	-220,591	0,000	-544,363	-544,363	0,000
Plate_1_7	468	1	0,000	-4,945	-99,955	-99,955	0,000	-220,596	-220,596	0,000	-544,363	-544,363	0,000
Element 7-8 (Plate)	471	2	0,000	-5,025	-100,176	-100,176	0,000	-229,767	-229,767	0,000	-562,489	-562,489	0,000
(Paratia 800)	470	3	0,000	-5,106	-100,396	-100,396	0,000	-238,994	-238,994	0,000	-581,364	-581,364	0,000
	469	4	0,000	-5,186	-100,617	-100,617	0,000	-248,271	-248,271	0,000	-600,983	-600,983	0,000
	491	5	0,000	-5,267	-100,837	-100,837	0,000	-257,590	-257,590	0,000	-621,343	-621,343	0,000
Plate_1_7	491	1	0,000	-5,267	-100,837	-100,837	0,000	-257,594	-257,594	0,000	-621,343	-621,343	0,000
Element 7-9 (Plate)	490	2	0,000	-5,325	-100,997	-100,997	0,000	-264,374	-264,374	0,000	-636,555	-636,555	0,000
(Paratia 800)	489	3	0,000	-5,383	-101,157	-101,157	0,000	-271,185	-271,185	0,000	-652,171	-652,171	0,000
	488	4	0,000	-5,442	-101,317	-101,317	0,000	-278,021	-278,021	0,000	-668,185	-668,185	0,000
	502	5	0,000	-5,500	-101,476	-101,476	0,000	-284,879	-284,879	0,000	-684,591	-684,591	0,000
Plate_1_8	502	1	0,000	-5,500	-101,476	-101,476	0,000	-284,881	-284,881	0,000	-684,591	-684,591	0,000
Element 8-10 (Plate)	505	2	0,000	-5,512	-101,511	-101,511	0,000	-284,881	-284,881	0,000	-688,151	-688,151	0,000
(Paratia 800)	504	3	0,000	-5,525	-101,545	-101,545	0,000	-284,881	-284,881	0,000	-691,713	-691,713	0,000
	503	4	0,000	-5,537	-101,579	-101,579	0,000	-284,881	-284,881	0,000	-695,275	-695,275	0,000
	804	5	0,000	-5,550	-101,613	-101,613	0,000	-284,881	-284,881	0,000	-698,835	-698,835	0,000
Plate_1_9	804	1	0,000	-5,550	-101,531	-101,531	0,000	-286,163	-286,163	0,000	-698,835	-698,835	0,000
Element 9-11 (Plate)	807	2	0,000	-5,586	-103,103	-103,103	0,000	-273,551	-273,551	0,000	-708,920	-708,920	0,000
(Paratia 800)	806	3	0,000	-5,622	-104,577	-104,576	0,000	-261,388	-261,388	0,000	-718,561	-718,561	0,000
	805	4	0,000	-5,658	-105,960	-105,960	0,000	-249,927	-249,927	0,000	-727,777	-727,777	0,000
	1242	5	0,000	-5,694	-107,262	-107,262	0,000	-239,419	-239,419	0,000	-736,591	-736,591	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_10	1242	1	0,000	-5,694	-107,278	-107,278	0,000	-239,284	-239,284	0,000	-736,591	-736,591	0,000
Element 10-12 (Plate)	1245	2	0,000	-5,738	-108,825	-108,825	0,000	-227,773	-227,773	0,000	-746,853	-746,853	0,000
(Paratia 800)	1244	3	0,000	-5,782	-110,317	-110,317	0,000	-216,431	-216,431	0,000	-756,616	-756,616	0,000
	1243	4	0,000	-5,826	-111,754	-111,754	0,000	-205,363	-205,363	0,000	-765,887	-765,887	0,000
	1514	5	0,000	-5,870	-113,137	-113,137	0,000	-194,677	-194,677	0,000	-774,675	-774,675	0,000
Plate_2_1	3482	1	4,500	-5,870	9,951	0,000	10,525	-192,219	-198,181	0,000	-22,681	-22,681	4,001
Element 11-13 (Plate)	3483	2	4,700	-5,870	8,147	-0,059	9,765	-183,062	-188,206	0,000	-60,271	-60,271	0,000
(PLINTO)	3484	3	4,901	-5,870	6,814	-0,374	9,137	-173,585	-178,235	0,000	-96,004	-96,004	0,000
	3485	4	5,101	-5,870	5,820	-0,442	8,634	-163,929	-168,262	0,000	-129,824	-129,824	0,000
	3928	5	5,301	-5,870	5,032	-0,733	8,246	-154,235	-158,281	0,000	-161,683	-161,683	0,000
Plate_2_1	3928	1	5,301	-5,870	5,048	-0,674	8,249	-154,221	-158,276	0,000	-161,683	-161,683	0,000
Element 11-14 (Plate)	3929	2	5,492	-5,870	4,483	-0,823	7,976	-144,920	-148,781	0,000	-190,144	-190,144	0,000
(PLINTO)	3930	3	5,682	-5,870	4,010	-0,956	7,746	-135,579	-139,275	0,000	-216,842	-216,842	0,000
	3931	4	5,872	-5,870	3,614	-1,076	7,553	-126,208	-129,762	0,000	-241,760	-241,760	0,000
	4422	5	6,063	-5,870	3,281	-1,190	7,390	-116,820	-120,251	0,000	-264,880	-264,880	0,000
Plate_2_1	4422	1	6,063	-5,870	3,288	-1,189	7,395	-116,818	-120,245	0,000	-264,880	-264,880	0,000
Element 11-15 (Plate)	4423	2	6,243	-5,870	3,016	-1,288	7,259	-107,878	-111,206	0,000	-285,189	-285,189	0,000
(PLINTO)	4424	3	6,424	-5,870	2,784	-1,382	7,141	-98,920	-102,158	0,000	-303,888	-303,888	0,000
	4425	4	6,605	-5,870	2,585	-1,472	7,038	-89,952	-93,107	0,000	-320,967	-320,967	0,000
	4732	5	6,786	-5,870	2,414	-1,558	6,947	-80,982	-84,061	0,000	-336,416	-336,416	0,000
Plate_2_1	4732	1	6,786	-5,870	2,416	-1,558	6,948	-80,978	-84,056	0,000	-336,416	-336,416	0,000
Element 11-16 (Plate)	4733	2	6,958	-5,870	2,280	-1,637	6,871	-72,455	-75,461	0,000	-349,590	-349,779	0,000
(PLINTO)	4734	3	7,129	-5,870	2,165	-1,715	6,801	-63,924	-66,858	0,000	-361,305	-362,005	0,000
	4735	4	7,301	-5,870	2,069	-1,790	6,739	-55,390	-58,255	0,000	-371,555	-372,753	0,000
	5274	5	7,473	-5,870	1,989	-1,864	6,683	-46,859	-49,657	0,000	-380,334	-382,018	0,000
Plate_2_1	5274	1	7,473	-5,870	1,986	-1,864	6,679	-46,856	-49,653	0,000	-380,334	-382,018	0,000
Element 11-17 (Plate)	4904	2	7,636	-5,870	1,926	-1,934	6,632	-38,750	-41,485	0,000	-387,318	-389,452	0,000
(PLINTO)	4905	3	7,799	-5,870	1,878	-2,002	6,589	-30,637	-33,310	0,000	-392,980	-395,556	0,000
	4906	4	7,962	-5,870	1,841	-2,069	6,550	-22,523	-25,135	0,000	-397,319	-400,326	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	4910	5	8,126	-5,870	1,814	-2,135	6,514	-14,414	-16,965	0,000	-400,331	-403,760	0,000
Plate_2_1	4910	1	8,126	-5,870	1,814	-2,136	6,514	-14,410	-16,962	0,000	-400,331	-403,760	0,000
Element 11-18 (Plate)	4911	2	8,281	-5,870	1,797	-2,197	6,482	-6,706	-9,200	0,000	-401,968	-405,788	0,000
(PLINTO)	4912	3	8,436	-5,870	1,788	-2,258	6,453	1,004	-1,434	1,004	-402,410	-406,612	0,000
	4913	4	8,591	-5,870	1,785	-2,318	6,426	8,714	0,000	8,714	-401,657	-406,232	0,000
	5328	5	8,746	-5,870	1,790	-2,377	6,401	16,418	0,000	16,418	-399,709	-404,649	0,000
Plate_2_1	5328	1	8,746	-5,870	1,789	-2,377	6,400	16,422	0,000	16,422	-399,709	-404,649	0,000
Element 11-19 (Plate)	5322	2	8,893	-5,870	1,800	-2,432	6,379	23,741	0,000	23,741	-396,752	-402,031	0,000
(PLINTO)	5323	3	9,040	-5,870	1,815	-2,485	6,358	31,065	0,000	31,065	-392,715	-398,324	0,000
	5324	4	9,188	-5,870	1,836	-2,538	6,339	38,388	0,000	38,388	-387,600	-393,531	0,000
	5338	5	9,335	-5,870	1,862	-2,588	6,322	45,705	0,000	45,705	-381,409	-387,654	0,000
Plate_2_1	5338	1	9,335	-5,870	1,861	-2,588	6,322	45,709	0,000	45,709	-381,409	-387,654	0,000
Element 11-20 (Plate)	5339	2	9,475	-5,870	1,890	-2,635	6,306	52,660	0,000	52,660	-374,529	-381,065	0,000
(PLINTO)	5340	3	9,615	-5,870	1,923	-2,680	6,292	59,615	0,000	59,615	-366,673	-373,491	0,000
	5341	4	9,755	-5,870	1,960	-2,723	6,279	66,570	0,000	66,570	-357,843	-364,937	0,000
	6072	5	9,894	-5,870	2,001	-2,764	6,266	73,519	0,000	73,519	-348,045	-355,407	0,000
Plate_2_1	6072	1	9,894	-5,870	2,001	-2,764	6,266	73,522	0,000	73,522	-348,045	-355,407	0,000
Element 11-21 (Plate)	6066	2	10,027	-5,870	2,046	-2,800	6,255	80,124	0,000	80,124	-337,836	-345,445	0,000
(PLINTO)	6067	3	10,160	-5,870	2,093	-2,835	6,245	86,729	0,000	86,729	-326,745	-334,594	0,000
	6068	4	10,293	-5,870	2,142	-2,866	6,235	93,332	0,000	93,332	-314,775	-322,857	0,000
	6332	5	10,426	-5,870	2,196	-2,893	6,226	99,928	0,000	99,928	-301,934	-310,241	0,000
Plate_2_1	6332	1	10,426	-5,870	2,196	-2,893	6,227	99,930	0,000	99,930	-301,934	-310,241	0,000
Element 11-22 (Plate)	6333	2	10,552	-5,870	2,249	-2,916	6,219	106,195	0,000	106,195	-288,923	-297,437	0,000
(PLINTO)	6334	3	10,679	-5,870	2,305	-2,934	6,213	112,462	0,000	112,462	-275,114	-283,827	0,000
	6335	4	10,805	-5,870	2,364	-2,946	6,207	118,725	0,000	118,726	-260,515	-269,420	0,000
	6342	5	10,931	-5,870	2,425	-2,951	6,201	124,981	0,000	124,981	-245,131	-254,220	0,000
Plate_2_1	6342	1	10,931	-5,870	2,425	-2,951	6,201	124,984	0,000	124,984	-245,131	-254,220	0,000
Element 11-23 (Plate)	6343	2	11,051	-5,870	2,487	-2,948	6,196	130,924	0,000	130,924	-229,785	-239,041	0,000
(PLINTO)	6344	3	11,171	-5,870	2,552	-2,935	6,192	136,863	0,000	136,863	-213,719	-223,135	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	6345	4	11,291	-5,870	2,620	-2,910	6,188	142,797	0,000	142,797	-196,940	-206,508	0,000
	6512	5	11,411	-5,870	2,693	-2,870	6,185	148,721	0,000	148,721	-179,459	-189,169	0,000
Plate_2_1	6512	1	11,411	-5,870	2,690	-2,870	6,182	148,725	0,000	148,725	-179,459	-189,169	0,000
Element 11-24 (Plate)	6513	2	11,525	-5,870	2,766	-2,812	6,182	154,345	0,000	154,345	-162,193	-172,031	0,000
(PLINTO)	6514	3	11,639	-5,870	2,845	-2,731	6,179	159,962	0,000	159,962	-144,278	-154,235	0,000
	6515	4	11,753	-5,870	2,930	-2,618	6,177	165,569	0,000	165,640	-125,724	-135,790	0,000
	6578	5	11,867	-5,870	3,026	-2,465	6,179	171,160	0,000	171,333	-106,540	-116,706	0,000
Plate_2_1	6578	1	11,867	-5,870	3,022	-2,484	6,171	171,159	0,000	171,336	-106,540	-116,706	0,000
Element 11-25 (Plate)	6579	2	11,975	-5,870	3,132	-2,217	6,184	176,462	0,000	176,740	-87,726	-97,976	0,000
(PLINTO)	6580	3	12,083	-5,870	3,248	-1,989	6,178	181,742	0,000	182,143	-68,330	-78,654	0,000
	6581	4	12,192	-5,870	3,396	-1,485	6,187	186,994	0,000	187,537	-48,364	-58,748	0,000
	7268	5	12,300	-5,870	3,600	-0,388	6,247	192,208	0,000	192,918	-27,840	-38,267	3,563
Plate_1_11	1514	1	0,000	-5,870	-113,116	-113,116	0,000	-194,175	-194,175	0,000	-774,675	-774,675	0,000
Element 12-26 (Plate)	1517	2	0,000	-5,932	-112,086	-112,086	0,000	-164,386	-164,386	0,000	-785,791	-785,792	0,000
(Paratia 800)	1516	3	0,000	-5,994	-111,087	-111,087	0,000	-137,231	-137,231	0,000	-795,146	-795,146	0,000
	1515	4	0,000	-6,056	-110,115	-110,115	0,000	-112,589	-112,589	0,000	-802,892	-802,892	0,000
	1766	5	0,000	-6,118	-109,167	-109,167	0,000	-90,339	-90,339	0,000	-809,180	-809,180	0,000
Plate_1_11	1766	1	0,000	-6,118	-109,165	-109,165	0,000	-89,974	-89,974	0,000	-809,180	-809,180	0,000
Element 12-27 (Plate)	1769	2	0,000	-6,192	-108,071	-108,071	0,000	-65,306	-65,306	0,020	-814,858	-814,858	0,000
(Paratia 800)	1768	3	0,000	-6,265	-106,999	-106,999	0,000	-42,198	-42,198	0,096	-818,788	-818,788	0,000
	1767	4	0,000	-6,338	-105,949	-105,949	0,000	-20,597	-20,786	0,163	-821,080	-821,080	0,000
	2084	5	0,000	-6,412	-104,921	-104,921	0,000	-0,452	-15,377	7,912	-821,843	-821,843	0,000
Plate_1_11	2084	1	0,000	-6,412	-104,918	-104,918	0,000	-0,334	-15,329	7,983	-821,843	-821,843	0,000
Element 12-28 (Plate)	2087	2	0,000	-6,498	-103,732	-103,732	0,000	21,895	-9,587	28,595	-820,900	-820,900	0,000
(Paratia 800)	2086	3	0,000	-6,584	-102,563	-102,563	0,000	42,680	-4,405	48,482	-818,097	-818,097	0,000
	2085	4	0,000	-6,671	-101,411	-101,411	0,000	62,033	0,000	67,139	-813,560	-813,560	0,000
	2440	5	0,000	-6,757	-100,274	-100,274	0,000	79,968	0,000	84,391	-807,412	-807,412	0,000
Plate_1_11	2440	1	0,000	-6,757	-100,271	-100,271	0,000	80,022	0,000	84,441	-807,412	-807,412	0,000
Element 12-29 (Plate)	2441	2	0,000	-6,859	-98,943	-98,943	0,000	99,534	0,000	103,143	-798,241	-798,241	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
(Paratia 800)	2442	3	0,000	-6,961	-97,622	-97,622	0,000	117,411	0,000	120,191	-787,158	-787,158	0,000
	2443	4	0,000	-7,063	-96,310	-96,310	0,000	133,663	0,000	135,591	-774,334	-774,334	0,000
	2830	5	0,000	-7,165	-95,007	-95,007	0,000	148,301	0,000	149,349	-759,940	-759,940	0,000
Plate_1_11	2830	1	0,000	-7,165	-95,007	-95,007	0,000	148,325	0,000	149,405	-759,940	-759,940	0,000
Element 12-30 (Plate)	2831	2	0,000	-7,286	-93,478	-93,478	0,000	163,711	0,000	163,711	-741,142	-741,142	0,000
(Paratia 800)	2832	3	0,000	-7,406	-91,962	-91,962	0,000	177,026	0,000	177,026	-720,608	-720,608	0,000
	2833	4	0,000	-7,527	-90,459	-90,459	0,000	188,277	0,000	188,277	-698,594	-698,594	0,000
	3320	5	0,000	-7,647	-88,972	-88,972	0,000	197,470	0,000	197,470	-675,361	-675,361	0,000
Plate_1_11	3320	1	0,000	-7,647	-88,975	-88,975	0,000	197,552	0,000	197,552	-675,361	-675,361	0,000
Element 12-31 (Plate)	3321	2	0,000	-7,789	-87,241	-87,241	0,000	205,994	0,000	205,994	-646,679	-646,679	0,000
(Paratia 800)	3322	3	0,000	-7,931	-85,538	-85,538	0,000	212,060	0,000	212,060	-616,954	-616,954	0,000
	3323	4	0,000	-8,073	-83,869	-83,869	0,000	215,779	0,000	215,779	-586,533	-586,533	0,000
	3792	5	0,000	-8,215	-82,237	-82,237	0,000	217,184	0,000	217,184	-555,764	-555,764	0,000
Plate_1_11	3792	1	0,000	-8,215	-82,237	-82,237	0,000	217,423	0,000	217,423	-555,764	-555,764	0,000
Element 12-32 (Plate)	3795	2	0,000	-8,383	-80,372	-80,372	0,000	216,551	0,000	216,551	-519,377	-519,377	0,000
(Paratia 800)	3794	3	0,000	-8,550	-78,563	-78,563	0,000	213,841	0,000	213,841	-483,279	-483,279	0,000
	3793	4	0,000	-8,718	-76,809	-76,809	0,000	209,425	0,000	209,425	-447,775	-447,775	0,000
	4000	5	0,000	-8,886	-75,112	-75,112	0,000	203,434	0,000	203,434	-413,165	-413,165	0,000
Plate_1_11	4000	1	0,000	-8,886	-75,110	-75,110	0,000	203,658	0,000	203,658	-413,165	-413,165	0,000
Element 12-33 (Plate)	4001	2	0,000	-9,083	-73,176	-73,176	0,000	195,329	0,000	195,329	-373,706	-373,706	0,000
(Paratia 800)	4002	3	0,000	-9,281	-71,309	-71,309	0,000	186,158	0,000	186,158	-335,964	-335,964	0,000
	4003	4	0,000	-9,479	-69,512	-69,512	0,000	176,237	0,000	176,237	-300,108	-300,108	0,000
	4562	5	0,000	-9,677	-67,785	-67,785	0,000	165,657	0,000	165,657	-266,300	-266,300	0,000
Plate_1_11	4562	1	0,000	-9,677	-67,784	-67,784	0,000	165,745	0,000	165,745	-266,300	-266,300	0,000
Element 12-34 (Plate)	4563	2	0,000	-9,910	-65,823	-65,823	0,000	152,949	0,000	152,949	-229,117	-229,117	0,000
(Paratia 800)	4564	3	0,000	-10,143	-63,950	-63,950	0,000	139,826	0,000	139,826	-194,946	-194,946	0,000
	4565	4	0,000	-10,377	-62,166	-62,425	0,000	126,430	0,000	126,430	-163,866	-163,866	0,000
	5222	5	0,000	-10,610	-60,475	-61,211	0,000	112,815	0,000	112,815	-135,956	-135,956	0,000
Plate_1_12	5222	1	0,000	-10,610	-60,481	-61,217	0,000	112,975	0,000	112,975	-135,956	-135,956	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Element 13-35 (Plate)	5223	2	0,000	-10,857	-57,632	-58,977	1,303	97,618	0,000	97,618	-109,968	-109,968	0,000
(Paratia 800)	5224	3	0,000	-11,104	-54,889	-56,785	3,153	83,633	0,000	83,633	-87,598	-87,598	0,000
	5225	4	0,000	-11,351	-52,255	-54,643	4,886	71,057	0,000	71,057	-68,508	-68,508	0,000
	5528	5	0,000	-11,598	-49,728	-52,553	6,500	59,926	0,000	59,926	-52,358	-52,358	0,000
Plate_1_12	5528	1	0,000	-11,598	-49,721	-52,551	6,503	59,845	0,000	59,845	-52,358	-52,358	0,000
Element 13-36 (Plate)	5529	2	0,000	-11,852	-47,217	-50,456	8,041	49,771	0,000	49,771	-38,488	-38,488	0,000
(Paratia 800)	5530	3	0,000	-12,106	-44,798	-48,407	9,465	40,914	0,000	40,914	-27,011	-27,011	0,000
	5531	4	0,000	-12,359	-42,463	-46,404	10,774	33,244	0,000	33,244	-17,631	-19,467	0,000
	6014	5	0,000	-12,613	-40,214	-44,448	11,968	26,737	0,000	26,737	-10,051	-17,251	0,000
Plate_1_12	6014	1	0,000	-12,613	-40,211	-44,446	11,970	26,659	0,000	26,659	-10,051	-17,251	0,000
Element 13-37 (Plate)	6015	2	0,000	-12,873	-37,985	-42,484	13,080	20,995	0,000	20,995	-3,870	-15,188	0,000
(Paratia 800)	6016	3	0,000	-13,133	-35,836	-40,563	14,076	16,170	0,000	16,170	0,951	-13,336	1,974
	6017	4	0,000	-13,394	-33,767	-38,687	14,959	12,152	0,000	12,152	4,619	-11,686	4,983
	6442	5	0,000	-13,654	-31,778	-36,855	15,728	8,908	0,000	8,908	7,343	-10,229	7,343
Plate_1_12	6442	1	0,000	-13,654	-31,776	-36,854	15,730	8,845	0,000	8,845	7,343	-10,229	7,343
Element 13-38 (Plate)	6443	2	0,000	-13,921	-29,813	-35,024	16,404	6,134	0,000	6,134	9,332	-8,918	9,332
(Paratia 800)	6444	3	0,000	-14,188	-27,926	-33,478	16,966	3,910	0,000	4,791	10,664	-7,777	10,664
	6445	4	0,000	-14,455	-26,115	-31,967	17,415	2,145	0,000	4,173	11,462	-6,791	11,462
	6992	5	0,000	-14,722	-24,382	-30,490	17,751	0,807	0,000	3,578	11,847	-5,943	11,847
Plate_1_12	6992	1	0,000	-14,722	-24,380	-30,488	17,752	0,764	0,000	3,574	11,847	-5,943	11,847
Element 13-39 (Plate)	6993	2	0,000	-14,996	-22,679	-29,004	17,982	-0,297	-0,326	2,991	11,905	-5,207	11,905
(Paratia 800)	6994	3	0,000	-15,271	-21,051	-27,548	18,099	-1,129	-1,129	2,429	11,705	-4,585	11,705
	6995	4	0,000	-15,545	-19,499	-26,119	18,103	-1,754	-1,754	1,885	11,305	-4,058	11,305
	7644	5	0,000	-15,819	-18,023	-24,719	17,994	-2,194	-2,194	1,482	10,760	-3,615	10,760
Plate_1_12	7644	1	0,000	-15,819	-18,022	-24,718	17,995	-2,213	-2,213	1,480	10,760	-3,615	10,760
Element 13-40 (Plate)	7645	2	0,000	-16,100	-16,582	-23,306	17,768	-2,572	-2,572	1,250	10,085	-3,235	10,085
(Paratia 800)	7646	3	0,000	-16,381	-15,218	-21,918	17,427	-2,843	-2,843	1,071	9,321	-2,919	9,321
	7647	4	0,000	-16,663	-13,931	-20,555	16,971	-3,024	-3,024	0,920	8,494	-2,660	8,494
	8054	5	0,000	-16,944	-12,722	-19,217	16,402	-3,114	-3,114	0,796	7,629	-2,446	8,047

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_12	8054	1	0,000	-16,944	-12,717	-19,212	16,403	-3,124	-3,124	0,795	7,629	-2,446	8,047
Element 13-41 (Plate)	8055	2	0,000	-17,233	-11,552	-17,861	15,702	-3,145	-3,145	0,689	6,723	-2,267	7,652
(Paratia 800)	8056	3	0,000	-17,521	-10,450	-16,514	15,008	-3,129	-3,129	0,604	5,816	-2,122	7,130
	8057	4	0,000	-17,810	-9,409	-15,172	14,177	-3,080	-3,080	0,539	4,919	-2,002	6,489
	8538	5	0,000	-18,099	-8,429	-13,833	13,205	-3,002	-3,002	0,494	4,041	-1,903	5,736
Plate_1_12	8538	1	0,000	-18,099	-8,419	-13,821	13,206	-3,022	-3,022	0,495	4,041	-1,903	5,736
Element 13-42 (Plate)	8539	2	0,000	-18,395	-7,464	-12,438	12,103	-2,908	-3,151	0,463	3,161	-1,813	4,854
(Paratia 800)	8540	3	0,000	-18,691	-6,534	-11,011	10,868	-2,771	-3,408	0,456	2,320	-1,722	3,881
	8541	4	0,000	-18,988	-5,627	-9,538	9,465	-2,621	-3,575	0,463	1,520	-1,623	2,844
	9120	5	0,000	-19,284	-4,737	-8,012	7,895	-2,468	-3,673	0,473	0,767	-1,510	1,794
Plate_1_12	9120	1	0,000	-19,284	-4,669	-7,951	7,913	-2,360	-3,475	0,543	0,767	-1,510	1,794
Element 13-43 (Plate)	9121	2	0,000	-19,588	-3,819	-6,372	6,103	-1,663	-3,335	0,518	0,146	-1,415	0,693
(Paratia 800)	9122	3	0,000	-19,892	-2,807	-4,579	4,154	-0,717	-1,311	1,535	-0,217	-1,065	0,045
	9123	4	0,000	-20,196	-1,589	-2,520	2,089	0,359	-0,067	2,112	-0,277	-0,529	0,015
	9124	5	0,000	-20,500	-0,125	-0,147	0,000	1,445	-0,602	1,534	0,000	0,000	0,000

3.1.1.1.12 Calculation results, Plate, SISMA- [Phase_11] (9/249), Table of plate force envelopes

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_1	361	1	0,000	-0,500	0,012	0,000	0,013	-0,329	-0,329	0,043	0,000	0,000	0,000
Element 1-1 (Plate)	360	2	0,000	-0,625	-1,498	-1,500	0,000	5,036	-0,071	5,036	0,315	-0,007	0,315
(Paratia 800)	359	3	0,000	-0,750	-3,016	-3,020	0,000	8,462	-0,075	8,505	1,178	-0,016	1,178
	358	4	0,000	-0,875	-4,543	-4,549	0,000	10,048	-0,052	10,429	2,355	-0,024	2,370
	357	5	0,000	-1,000	-6,079	-6,087	0,000	9,892	-0,013	11,630	3,618	-0,029	3,704
Plate_1_2	357	1	0,000	-1,000	-6,088	-6,095	0,000	10,203	-0,020	11,799	3,618	-0,029	3,704
Element 2-2 (Plate)	168	2	0,000	-1,250	-9,198	-9,208	0,000	7,162	0,000	13,097	5,828	-0,025	6,718
(Paratia 800)	167	3	0,000	-1,500	-12,405	-12,417	0,000	2,324	0,000	13,425	7,047	-0,007	10,054
	166	4	0,000	-1,750	-15,710	-15,721	0,000	-4,206	-4,206	12,812	6,849	0,000	13,354
	189	5	0,000	-2,000	-19,114	-19,124	0,000	-12,318	-12,318	11,285	4,814	0,000	16,384
Plate_1_3	189	1	0,000	-2,000	-19,122	-19,132	0,000	-12,252	-12,252	11,302	4,814	0,000	16,384
Element 3-3 (Plate)	192	2	0,000	-2,125	-20,874	-20,884	0,000	-16,787	-16,787	10,221	3,003	0,000	17,731
(Paratia 800)	191	3	0,000	-2,250	-22,662	-22,669	0,000	-21,635	-21,635	8,929	0,604	0,000	18,930
	190	4	0,000	-2,375	-24,483	-24,488	0,000	-26,791	-26,791	7,425	-2,420	-2,420	19,955
	209	5	0,000	-2,500	-26,337	-26,340	0,000	-32,249	-32,249	5,710	-6,106	-6,106	20,778
Plate_1_4	209	1	0,000	-2,500	-26,340	-26,342	0,000	-32,229	-32,229	5,712	-6,106	-6,106	20,778
Element 4-4 (Plate)	212	2	0,000	-2,750	-30,154	-30,154	0,000	-44,029	-44,029	1,650	-15,613	-15,613	21,713
(Paratia 800)	211	3	0,000	-3,000	-34,119	-34,119	0,000	-56,870	-56,870	0,001	-28,209	-28,209	21,522
	210	4	0,000	-3,250	-38,231	-38,231	0,000	-70,715	-70,715	0,000	-44,138	-44,138	19,991
	229	5	0,000	-3,500	-42,489	-42,489	0,000	-85,528	-85,528	0,000	-63,645	-63,645	16,908
Plate_1_5	229	1	0,000	-3,500	-42,489	-42,489	0,000	-85,494	-85,494	0,000	-63,645	-63,645	16,908
Element 5-5 (Plate)	232	2	0,000	-3,673	-45,513	-45,513	0,000	-96,205	-96,205	0,000	-79,307	-79,307	13,765
(Paratia 800)	231	3	0,000	-3,845	-48,603	-48,603	0,000	-107,278	-107,278	0,000	-96,857	-96,857	9,709
	230	4	0,000	-4,018	-51,758	-51,758	0,000	-118,697	-118,697	0,000	-116,347	-116,347	4,674
	249	5	0,000	-4,190	-54,975	-54,975	0,000	-130,442	-130,442	0,000	-137,826	-137,826	0,409
Plate_1_6	249	1	0,000	-4,190	-139,009	-139,009	0,000	14,731	-43,673	14,731	-137,826	-137,826	0,409

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Element 6-6 (Plate)	252	2	0,000	-4,268	-140,472	-140,472	0,000	9,369	-46,767	9,369	-136,892	-136,892	0,000
(Paratia 800)	251	3	0,000	-4,345	-141,947	-141,947	0,000	3,962	-49,949	3,962	-136,375	-136,375	0,000
	250	4	0,000	-4,423	-143,431	-143,431	0,000	-1,484	-53,213	0,000	-136,279	-136,279	0,000
	448	5	0,000	-4,500	-144,925	-144,925	0,000	-6,967	-56,556	0,000	-136,606	-136,606	0,000
Plate_1_7	448	1	0,000	-4,500	-144,924	-144,924	0,000	-6,962	-56,238	0,000	-136,606	-136,606	0,000
Element 7-7 (Plate)	451	2	0,000	-4,611	-147,083	-147,083	0,000	-14,895	-55,587	0,000	-137,820	-137,820	0,000
(Paratia 800)	450	3	0,000	-4,722	-149,255	-149,255	0,000	-22,871	-55,240	0,000	-139,920	-139,920	0,000
	449	4	0,000	-4,834	-151,438	-151,438	0,000	-30,879	-55,172	0,000	-142,908	-142,908	0,000
	468	5	0,000	-4,945	-153,630	-153,630	0,000	-38,903	-55,353	0,000	-146,786	-146,786	0,000
Plate_1_7	468	1	0,000	-4,945	-153,627	-153,627	0,000	-38,890	-55,324	0,000	-146,786	-146,786	0,000
Element 7-8 (Plate)	471	2	0,000	-5,025	-155,214	-155,214	0,000	-44,688	-56,936	0,000	-150,150	-150,150	0,000
(Paratia 800)	470	3	0,000	-5,106	-156,796	-156,796	0,000	-50,445	-60,760	0,000	-153,982	-153,982	0,000
	469	4	0,000	-5,186	-158,368	-158,368	0,000	-56,150	-64,627	0,000	-158,274	-158,274	0,000
	491	5	0,000	-5,267	-159,929	-159,929	0,000	-61,790	-68,529	0,000	-163,021	-163,021	0,000
Plate_1_7	491	1	0,000	-5,267	-159,922	-159,922	0,000	-61,767	-68,522	0,000	-163,021	-163,021	0,000
Element 7-9 (Plate)	490	2	0,000	-5,325	-161,041	-161,041	0,000	-65,784	-71,354	0,000	-166,739	-166,739	0,000
(Paratia 800)	489	3	0,000	-5,383	-162,128	-162,128	0,000	-69,674	-74,166	0,000	-170,690	-170,690	0,000
	488	4	0,000	-5,442	-163,180	-163,180	0,000	-73,404	-76,935	0,000	-174,862	-174,862	0,000
	502	5	0,000	-5,500	-164,191	-164,191	0,000	-76,942	-79,639	0,000	-179,245	-179,245	0,000
Plate_1_8	502	1	0,000	-5,500	-164,175	-164,175	0,000	-76,890	-79,616	0,000	-179,245	-179,245	0,000
Element 8-10 (Plate)	505	2	0,000	-5,512	-164,374	-164,374	0,000	-77,588	-80,175	0,000	-180,211	-180,211	0,000
(Paratia 800)	504	3	0,000	-5,525	-164,565	-164,565	0,000	-78,220	-80,690	0,000	-181,185	-181,185	0,000
	503	4	0,000	-5,537	-164,744	-164,744	0,000	-78,760	-81,141	0,000	-182,166	-182,166	0,000
	804	5	0,000	-5,550	-164,912	-164,912	0,000	-79,182	-81,506	0,000	-183,153	-183,153	0,000
Plate_1_9	804	1	0,000	-5,550	-164,809	-164,809	0,000	-79,842	-81,990	0,000	-183,153	-183,153	0,000
Element 9-11 (Plate)	807	2	0,000	-5,586	-166,752	-166,752	0,000	-76,460	-80,346	0,000	-185,967	-185,967	0,000
(Paratia 800)	806	3	0,000	-5,622	-168,629	-168,629	0,000	-73,788	-79,024	0,000	-188,674	-188,674	0,000
	805	4	0,000	-5,658	-170,445	-170,445	0,000	-71,777	-78,021	0,000	-191,296	-191,296	0,000
	1242	5	0,000	-5,694	-172,207	-172,207	0,000	-70,378	-77,336	0,000	-193,856	-193,856	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_10	1242	1	0,000	-5,694	-172,219	-172,219	0,000	-70,266	-77,285	0,000	-193,856	-193,856	0,000
Element 10-12 (Plate)	1245	2	0,000	-5,738	-174,342	-174,342	0,000	-68,812	-76,623	0,000	-196,911	-196,911	0,000
(Paratia 800)	1244	3	0,000	-5,782	-176,437	-176,437	0,000	-67,655	-76,149	0,000	-199,909	-199,909	0,000
	1243	4	0,000	-5,826	-178,502	-178,502	0,000	-66,790	-75,852	0,000	-202,864	-202,864	0,000
	1514	5	0,000	-5,870	-180,539	-180,539	0,000	-66,207	-75,720	0,000	-205,785	-205,785	0,000
Plate_1_11	1514	1	0,000	-5,870	-180,518	-180,518	0,000	-65,600	-75,269	0,000	-205,785	-205,785	0,000
Element 12-26 (Plate)	1517	2	0,000	-5,932	-179,458	-179,458	0,000	-50,273	-64,711	0,000	-209,369	-209,369	0,000
(Paratia 800)	1516	3	0,000	-5,994	-178,465	-178,465	0,000	-37,160	-55,573	0,000	-212,075	-212,075	0,000
	1515	4	0,000	-6,056	-177,534	-177,534	0,000	-26,030	-47,717	0,000	-214,027	-214,027	0,000
	1766	5	0,000	-6,118	-176,661	-176,661	0,000	-16,654	-41,004	0,000	-215,344	-215,344	0,000
Plate_1_11	1766	1	0,000	-6,118	-176,653	-176,653	0,000	-16,289	-40,771	0,000	-215,344	-215,344	0,000
Element 12-27 (Plate)	1769	2	0,000	-6,192	-175,658	-175,658	0,000	-6,120	-33,467	0,020	-216,159	-216,159	0,000
(Paratia 800)	1768	3	0,000	-6,265	-174,704	-174,704	0,000	3,094	-26,811	3,094	-216,264	-216,264	0,000
	1767	4	0,000	-6,338	-173,790	-173,790	0,000	11,366	-20,786	11,366	-215,728	-215,728	0,000
	2084	5	0,000	-6,412	-172,917	-172,917	0,000	18,712	-15,377	18,712	-214,621	-214,621	0,000
Plate_1_11	2084	1	0,000	-6,412	-172,912	-172,912	0,000	18,773	-15,329	18,773	-214,621	-214,621	0,000
Element 12-28 (Plate)	2087	2	0,000	-6,498	-171,919	-171,919	0,000	26,407	-9,587	26,407	-212,662	-212,662	0,000
(Paratia 800)	2086	3	0,000	-6,584	-170,959	-170,959	0,000	33,138	-4,405	33,138	-210,081	-210,081	0,000
	2085	4	0,000	-6,671	-170,032	-170,032	0,000	38,993	0,000	38,993	-206,955	-206,955	0,000
	2440	5	0,000	-6,757	-169,139	-169,139	0,000	44,003	0,000	44,003	-203,362	-203,362	0,000
Plate_1_11	2440	1	0,000	-6,757	-169,136	-169,136	0,000	44,065	0,000	44,065	-203,362	-203,362	0,000
Element 12-29 (Plate)	2441	2	0,000	-6,859	-168,116	-168,116	0,000	49,084	0,000	49,084	-198,605	-198,605	0,000
(Paratia 800)	2442	3	0,000	-6,961	-167,128	-167,128	0,000	53,317	0,000	53,317	-193,374	-193,374	0,000
	2443	4	0,000	-7,063	-166,172	-166,172	0,000	56,796	0,000	56,796	-187,749	-187,749	0,000
	2830	5	0,000	-7,165	-165,249	-165,249	0,000	59,553	0,000	59,553	-181,809	-181,809	0,000
Plate_1_11	2830	1	0,000	-7,165	-165,246	-165,246	0,000	59,608	0,000	59,608	-181,809	-181,809	0,000
Element 12-30 (Plate)	2831	2	0,000	-7,286	-164,192	-164,192	0,000	62,108	0,000	62,108	-174,478	-174,478	0,000
(Paratia 800)	2832	3	0,000	-7,406	-163,171	-163,171	0,000	63,937	0,000	63,937	-166,883	-166,883	0,000
	2833	4	0,000	-7,527	-162,183	-162,183	0,000	65,119	0,000	65,119	-159,107	-159,107	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	3320	5	0,000	-7,647	-161,228	-161,228	0,000	65,679	0,000	65,679	-151,230	-151,230	0,000
Plate_1_11	3320	1	0,000	-7,647	-161,226	-161,226	0,000	65,726	0,000	65,726	-151,230	-151,230	0,000
Element 12-31 (Plate)	3321	2	0,000	-7,789	-160,137	-160,137	0,000	65,742	0,000	65,742	-141,888	-141,888	0,000
(Paratia 800)	3322	3	0,000	-7,931	-159,082	-159,082	0,000	65,178	0,000	65,178	-132,581	-132,581	0,000
	3323	4	0,000	-8,073	-158,061	-158,061	0,000	64,065	0,000	64,065	-123,393	-123,393	0,000
	3792	5	0,000	-8,215	-157,074	-157,074	0,000	62,429	0,000	62,429	-114,406	-114,406	0,000
Plate_1_11	3792	1	0,000	-8,215	-157,071	-157,071	0,000	62,472	0,000	62,472	-114,406	-114,406	0,000
Element 12-32 (Plate)	3795	2	0,000	-8,383	-155,942	-155,942	0,000	60,011	0,000	60,011	-104,137	-104,137	0,000
(Paratia 800)	3794	3	0,000	-8,550	-154,843	-154,843	0,000	57,105	0,000	57,105	-94,315	-94,315	0,000
	3793	4	0,000	-8,718	-153,773	-153,773	0,000	53,787	0,000	53,787	-85,014	-85,014	0,000
	4000	5	0,000	-8,886	-152,732	-152,732	0,000	50,090	0,000	50,090	-76,306	-76,306	0,000
Plate_1_11	4000	1	0,000	-8,886	-152,726	-152,726	0,000	50,145	0,000	50,145	-76,306	-76,306	0,000
Element 12-33 (Plate)	4001	2	0,000	-9,083	-151,524	-151,524	0,000	45,436	0,000	45,436	-66,853	-66,853	0,000
(Paratia 800)	4002	3	0,000	-9,281	-150,334	-150,334	0,000	40,548	0,000	40,548	-58,348	-58,348	0,000
	4003	4	0,000	-9,479	-149,155	-149,155	0,000	35,530	0,000	35,530	-50,820	-51,248	0,000
	4562	5	0,000	-9,677	-147,987	-147,987	0,000	30,434	0,000	30,434	-44,299	-47,408	0,000
Plate_1_11	4562	1	0,000	-9,677	-147,979	-147,979	0,000	30,663	0,000	30,663	-44,299	-47,408	0,000
Element 12-34 (Plate)	4563	2	0,000	-9,910	-146,591	-146,591	0,000	24,664	0,000	24,664	-37,857	-43,553	0,000
(Paratia 800)	4564	3	0,000	-10,143	-145,170	-145,170	0,000	19,708	0,000	19,708	-32,713	-40,461	0,000
	4565	4	0,000	-10,377	-143,715	-143,715	0,000	16,199	0,000	16,199	-28,545	-38,071	0,000
	5222	5	0,000	-10,610	-142,227	-142,227	0,000	14,544	0,000	14,544	-25,003	-36,312	0,000
Plate_1_12	5222	1	0,000	-10,610	-142,225	-142,225	0,000	16,477	0,000	16,477	-25,003	-36,312	0,000
Element 13-35 (Plate)	5223	2	0,000	-10,857	-139,482	-139,482	1,303	21,214	0,000	21,214	-20,289	-34,392	0,000
(Paratia 800)	5224	3	0,000	-11,104	-136,737	-136,737	3,153	23,622	0,000	23,622	-14,716	-32,116	0,000
	5225	4	0,000	-11,351	-133,991	-133,991	4,886	24,163	0,000	24,163	-8,765	-29,624	0,000
	5528	5	0,000	-11,598	-131,248	-131,248	6,500	23,300	0,000	23,300	-2,883	-27,052	0,000
Plate_1_12	5528	1	0,000	-11,598	-131,241	-131,241	6,503	23,570	0,000	23,570	-2,883	-27,052	0,000
Element 13-36 (Plate)	5529	2	0,000	-11,852	-128,410	-128,410	8,041	22,370	0,000	22,370	2,948	-24,419	2,948
(Paratia 800)	5530	3	0,000	-12,106	-125,556	-125,556	9,465	20,896	0,000	20,896	8,440	-21,873	8,440

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	5531	4	0,000	-12,359	-122,679	-122,679	10,774	19,199	0,000	19,199	13,531	-19,467	13,531
	6014	5	0,000	-12,613	-119,780	-119,780	11,968	17,326	0,000	17,326	18,164	-17,251	18,164
Plate_1_12	6014	1	0,000	-12,613	-119,776	-119,776	11,970	17,358	0,000	17,358	18,164	-17,251	18,164
Element 13-37 (Plate)	6015	2	0,000	-12,873	-116,770	-116,770	13,080	15,415	0,000	15,415	22,427	-15,188	22,427
(Paratia 800)	6016	3	0,000	-13,133	-113,727	-113,727	14,076	13,496	0,000	13,496	26,189	-13,336	26,189
	6017	4	0,000	-13,394	-110,647	-110,647	14,959	11,617	0,000	11,617	29,457	-11,686	29,457
	6442	5	0,000	-13,654	-107,533	-107,533	15,728	9,795	0,000	9,795	32,242	-10,229	32,242
Plate_1_12	6442	1	0,000	-13,654	-107,529	-107,529	15,730	9,797	0,000	9,797	32,242	-10,229	32,242
Element 13-38 (Plate)	6443	2	0,000	-13,921	-104,290	-104,290	16,404	8,014	0,000	8,014	34,618	-8,918	34,618
(Paratia 800)	6444	3	0,000	-14,188	-101,002	-101,002	16,966	6,321	0,000	6,321	36,531	-7,777	36,531
	6445	4	0,000	-14,455	-97,665	-97,665	17,415	4,715	0,000	4,715	38,003	-6,791	38,003
	6992	5	0,000	-14,722	-94,283	-94,283	17,751	3,196	0,000	3,549	39,057	-5,943	39,057
Plate_1_12	6992	1	0,000	-14,722	-94,279	-94,279	17,752	3,189	0,000	3,547	39,057	-5,943	39,057
Element 13-39 (Plate)	6993	2	0,000	-14,996	-90,754	-90,754	17,982	1,715	0,000	2,975	39,727	-5,207	39,727
(Paratia 800)	6994	3	0,000	-15,271	-87,167	-87,167	18,099	0,307	0,000	2,423	40,003	-4,585	40,003
	6995	4	0,000	-15,545	-83,520	-83,520	18,103	-1,040	-1,040	1,888	39,901	-4,058	39,901
	7644	5	0,000	-15,819	-79,814	-79,814	17,994	-2,334	-2,334	1,482	39,438	-3,615	39,438
Plate_1_12	7644	1	0,000	-15,819	-79,810	-79,810	17,995	-2,337	-2,337	1,480	39,438	-3,615	39,438
Element 13-40 (Plate)	7645	2	0,000	-16,100	-75,940	-75,940	17,768	-3,622	-3,622	1,250	38,599	-3,235	38,599
(Paratia 800)	7646	3	0,000	-16,381	-71,992	-71,992	17,427	-4,871	-4,871	1,071	37,404	-2,919	37,404
	7647	4	0,000	-16,663	-67,968	-67,968	16,971	-6,092	-6,092	0,920	35,861	-2,660	35,861
	8054	5	0,000	-16,944	-63,870	-63,870	16,402	-7,292	-7,292	0,796	33,978	-2,446	33,978
Plate_1_12	8054	1	0,000	-16,944	-63,864	-63,864	16,403	-7,275	-7,275	0,795	33,978	-2,446	33,978
Element 13-41 (Plate)	8055	2	0,000	-17,233	-59,570	-59,570	15,702	-8,477	-8,477	0,689	31,704	-2,267	31,704
(Paratia 800)	8056	3	0,000	-17,521	-55,172	-55,172	15,008	-9,612	-9,612	0,604	29,090	-2,122	29,090
	8057	4	0,000	-17,810	-50,670	-50,670	14,177	-10,665	-10,665	0,539	26,161	-2,002	26,161
	8538	5	0,000	-18,099	-46,064	-46,064	13,205	-11,622	-11,622	0,494	22,942	-1,903	22,942
Plate_1_12	8538	1	0,000	-18,099	-46,046	-46,046	13,206	-11,610	-11,610	0,495	22,942	-1,903	22,942
Element 13-42 (Plate)	8539	2	0,000	-18,395	-41,204	-41,204	12,103	-12,470	-12,470	0,463	19,370	-1,813	19,370

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
(Paratia 800)	8540	3	0,000	-18,691	-36,187	-36,187	10,868	-13,035	-13,035	0,456	15,581	-1,722	15,581
	8541	4	0,000	-18,988	-30,991	-30,991	9,465	-13,249	-13,249	0,463	11,679	-1,623	11,679
	9120	5	0,000	-19,284	-25,609	-25,609	7,895	-13,057	-13,057	0,473	7,771	-1,510	7,771
Plate_1_12	9120	1	0,000	-19,284	-25,499	-25,499	7,913	-12,254	-12,254	0,543	7,771	-1,510	7,771
Element 13-43 (Plate)	9121	2	0,000	-19,588	-19,922	-19,922	6,103	-11,847	-11,847	0,518	3,815	-1,415	3,815
(Paratia 800)	9122	3	0,000	-19,892	-13,952	-13,952	4,154	-6,021	-6,021	1,535	1,221	-1,065	1,221
	9123	4	0,000	-20,196	-7,471	-7,471	2,089	-0,749	-0,749	2,112	0,097	-0,529	0,097
	9124	5	0,000	-20,500	-0,363	-0,363	0,000	-2,001	-2,001	0,860	0,000	0,000	0,000

3.2.1.1.1.4 Calculation results, Node-to-node anchor, chiodo [Phase_3] (3/16), Table of total displacements

Structural element	Node	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-6} m]	|u| [10^{-3} m]
NodeToNodeAnchor_2_1	249	1	0,000	-4,190	5,590	711,054	5,635
Element 1-1 (Node-to-node anchor)	6252	2	-12,990	-11,710	1,252	-533,538	1,361

3.2.1.1.1.5 Calculation results, Node-to-node anchor, scavo per plinto [Phase_4] (4/19), Table of total displacements

Structural element	Node	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
NodeToNodeAnchor_2_1	249	1	0,000	-4,190	7,098	1,036	7,173
Element 1-1 (Node-to-node anchor)	6252	2	-12,990	-11,710	1,976	-0,828	2,142

3.2.1.1.1.6 Calculation results, Node-to-node anchor, scavo totale a valle [Phase_5] (5/22), Table of total displacements

Structural element	Node	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
NodeToNodeAnchor_2_1	249	1	0,000	-4,190	10,708	-0,473	10,718
Element 1-1 (Node-to-node anchor)	6252	2	-12,990	-11,710	5,520	-3,690	6,640

3.2.1.1.1.7 Calculation results, Node-to-node anchor, falda a -5 m [Phase_6] (6/26), Table of total displacements

Structural element	Node	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
NodeToNodeAnchor_2_1	249	1	0,000	-4,190	10,730	-0,479	10,741
Element 1-1 (Node-to-node anchor)	6252	2	-12,990	-11,710	5,547	-3,704	6,670

3.2.1.1.1.8 Calculation results, Node-to-node anchor, terrapieno [Phase_7] (7/28), Table of total displacements

Structural element	Node	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
NodeToNodeAnchor_2_1	249	1	0,000	-4,190	10,729	-0,479	10,740
Element 1-1 (Node-to-node anchor)	6252	2	-12,990	-11,710	5,545	-3,702	6,667

3.2.1.1.1.9 Calculation results, Node-to-node anchor, plinto + pali [Phase_8] (8/31), Table of total displacements

Structural element	Node	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
NodeToNodeAnchor_2_1	249	1	0,000	-4,190	10,756	-0,851	10,790
Element 1-1 (Node-to-node anchor)	6252	2	-12,990	-11,710	5,345	-3,463	6,369

3.2.1.1.1.10 Calculation results, Node-to-node anchor, Versante - fase B [Phase_10] (10/34), Table of total displacements

Structural element	Node	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
NodeToNodeAnchor_2_1	249	1	0,000	-4,190	5,823	0,516	5,846
Element 1-1 (Node-to-node anchor)	6252	2	-12,990	-11,710	-2,921	3,711	4,722

3.2.1.1.1.11 Calculation results, Node-to-node anchor, Versante + SISMA [Phase_12] (11/37), Table of total displacements

Structural element	Node	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
NodeToNodeAnchor_2_1	249	1	0,000	-4,190	8,135	0,395	8,144
Element 1-1 (Node-to-node anchor)	6252	2	-12,990	-11,710	-2,669	3,825	4,664

3.2.1.1.1.12 Calculation results, Node-to-node anchor, SISMA- [Phase_11] (9/249), Table of total displacements

Structural element	Node	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
NodeToNodeAnchor_2_1	249	1	0,000	-4,190	33,879	-2,906	34,004
Element 1-1 (Node-to-node anchor)	6252	2	-12,990	-11,710	23,183	-10,830	25,588

3.2.2.1.4 Calculation results, Node-to-node anchor, chiodo [Phase_3] (3/16), Table of node-to-node anchors

Structural element	Node	Local number	X [m]	Y [m]	N [kN]	N_{min} [kN]	N_{max} [kN]
NodeToNodeAnchor_2_1	249	1	0,000	-4,190	2,537	0,000	2,537
Element 1-1 (Node-to-node anchor)	6252	2	-12,990	-11,710	2,537	0,000	2,537

3.2.2.1.5 Calculation results, Node-to-node anchor, scavo per plinto [Phase_4] (4/19), Table of node-to-node anchors

Structural element	Node	Local number	X [m]	Y [m]	N [kN]	N_{min} [kN]	N_{max} [kN]
NodeToNodeAnchor_2_1	249	1	0,000	-4,190	43,511	0,000	43,511
Element 1-1 (Node-to-node anchor)	6252	2	-12,990	-11,710	43,511	0,000	43,511

3.2.2.1.6 Calculation results, Node-to-node anchor, scavo totale a valle [Phase_5] (5/22), Table of node-to-node anchors

Structural element	Node	Local number	X [m]	Y [m]	N [kN]	N_{min} [kN]	N_{max} [kN]
NodeToNodeAnchor_2_1	249	1	0,000	-4,190	73,900	0,000	73,900
Element 1-1 (Node-to-node anchor)	6252	2	-12,990	-11,710	73,900	0,000	73,900

3.2.2.1.7 Calculation results, Node-to-node anchor, falda a -5 m [Phase_6] (6/26), Table of node-to-node anchors

Structural element	Node	Local number	X [m]	Y [m]	N [kN]	N_{min} [kN]	N_{max} [kN]
NodeToNodeAnchor_2_1	249	1	0,000	-4,190	73,939	0,000	73,939
Element 1-1 (Node-to-node anchor)	6252	2	-12,990	-11,710	73,939	0,000	73,939

3.2.2.1.8 Calculation results, Node-to-node anchor, terrapieno [Phase_7] (7/28), Table of node-to-node anchors

Structural element	Node	Local number	X [m]	Y [m]	N [kN]	N_{min} [kN]	N_{max} [kN]
NodeToNodeAnchor_2_1	249	1	0,000	-4,190	73,924	0,000	73,939
Element 1-1 (Node-to-node anchor)	6252	2	-12,990	-11,710	73,924	0,000	73,939

3.2.2.1.9 Calculation results, Node-to-node anchor, plinto + pali [Phase_8] (8/31), Table of node-to-node anchors

Structural element	Node	Local number	X [m]	Y [m]	N [kN]	N_{min} [kN]	N_{max} [kN]
NodeToNodeAnchor_2_1	249	1	0,000	-4,190	69,388	0,000	73,939
Element 1-1 (Node-to-node anchor)	6252	2	-12,990	-11,710	69,388	0,000	73,939

3.2.2.1.10 Calculation results, Node-to-node anchor, Versante - fase B [Phase_10] (10/34), Table of node-to-node anchors

Structural element	Node	Local number	X [m]	Y [m]	N [kN]	N_{min} [kN]	N_{max} [kN]
NodeToNodeAnchor_2_1	249	1	0,000	-4,190	316,505	0,000	316,505
Element 1-1 (Node-to-node anchor)	6252	2	-12,990	-11,710	316,505	0,000	316,505

3.2.2.1.11 Calculation results, Node-to-node anchor, Versante + SISMA [Phase_12] (11/37), Table of node-to-node anchors

Structural element	Node	Local number	X [m]	Y [m]	N [kN]	N_{min} [kN]	N_{max} [kN]
NodeToNodeAnchor_2_1	249	1	0,000	-4,190	385,438	0,000	385,438
Element 1-1 (Node-to-node anchor)	6252	2	-12,990	-11,710	385,438	0,000	385,438

3.2.2.1.12 Calculation results, Node-to-node anchor, SISMA- [Phase_11] (9/249), Table of node-to-node anchors

Structural element	Node	Local number	X [m]	Y [m]	N [kN]	N_{min} [kN]	N_{max} [kN]
NodeToNodeAnchor_2_1	249	1	0,000	-4,190	369,008	0,000	369,008
Element 1-1 (Node-to-node anchor)	6252	2	-12,990	-11,710	369,008	0,000	369,008

3.3.1.1.1.9 Calculation results, Embedded beam row, plinto + pali [Phase_8] (8/31), Table of total displacements

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
EmbeddedBeamRow_1_1	16092	1	4,500	-5,870	6,101	3,327	6,950
Element 1-1 (Embedded beam row)	16093	2	4,500	-6,009	6,120	3,306	6,956
(palo 1500)	16094	3	4,500	-6,147	6,137	3,284	6,961
	16095	4	4,500	-6,286	6,152	3,262	6,963
	16096	5	4,500	-6,424	6,165	3,237	6,963
EmbeddedBeamRow_1_1	16096	1	4,500	-6,424	6,165	3,237	6,963
Element 1-2 (Embedded beam row)	16097	2	4,500	-6,614	6,223	3,155	6,977
(palo 1500)	16098	3	4,500	-6,803	6,277	3,072	6,988
	16099	4	4,500	-6,992	6,328	2,989	6,998
	16100	5	4,500	-7,181	6,374	2,908	7,006
EmbeddedBeamRow_1_1	16100	1	4,500	-7,181	6,374	2,908	7,006
Element 1-3 (Embedded beam row)	16101	2	4,500	-7,379	6,419	2,824	7,013
(palo 1500)	16102	3	4,500	-7,576	6,461	2,742	7,019
	16103	4	4,500	-7,773	6,499	2,662	7,023
	16104	5	4,500	-7,971	6,533	2,583	7,025
EmbeddedBeamRow_1_1	16104	1	4,500	-7,971	6,533	2,583	7,025
Element 1-4 (Embedded beam row)	16105	2	4,500	-8,177	6,566	2,503	7,027
(palo 1500)	16106	3	4,500	-8,383	6,595	2,424	7,026
	16107	4	4,500	-8,589	6,621	2,347	7,025
	16108	5	4,500	-8,794	6,644	2,272	7,022
EmbeddedBeamRow_1_1	16108	1	4,500	-8,794	6,644	2,272	7,022
Element 1-5 (Embedded beam row)	16109	2	4,500	-9,009	6,665	2,195	7,017
(palo 1500)	16110	3	4,500	-9,224	6,683	2,121	7,011

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	16111	4	4,500	-9,439	6,698	2,049	7,004
	16112	5	4,500	-9,654	6,710	1,979	6,996
EmbeddedBeamRow_1_1	16112	1	4,500	-9,654	6,710	1,979	6,996
Element 1-6 (Embedded beam row)	16113	2	4,500	-9,878	6,719	1,908	6,985
(palo 1500)	16114	3	4,500	-10,102	6,726	1,840	6,974
	16115	4	4,500	-10,326	6,731	1,774	6,961
	16116	5	4,500	-10,550	6,733	1,710	6,947
EmbeddedBeamRow_1_1	16116	1	4,500	-10,550	6,733	1,710	6,947
Element 1-7 (Embedded beam row)	16117	2	4,500	-10,783	6,733	1,646	6,931
(palo 1500)	16118	3	4,500	-11,017	6,730	1,585	6,914
	16119	4	4,500	-11,251	6,726	1,526	6,897
	16120	5	4,500	-11,484	6,719	1,469	6,878
EmbeddedBeamRow_1_1	16120	1	4,500	-11,484	6,719	1,469	6,878
Element 1-8 (Embedded beam row)	16121	2	4,500	-11,732	6,721	1,411	6,867
(palo 1500)	16122	3	4,500	-11,980	6,721	1,355	6,856
	16123	4	4,500	-12,227	6,719	1,299	6,844
	16124	5	4,500	-12,475	6,717	1,244	6,832
EmbeddedBeamRow_1_1	16124	1	4,500	-12,475	6,717	1,244	6,832
Element 1-9 (Embedded beam row)	16125	2	4,500	-12,726	6,714	1,190	6,819
(palo 1500)	16126	3	4,500	-12,978	6,710	1,137	6,805
	16127	4	4,500	-13,229	6,704	1,084	6,791
	16128	5	4,500	-13,480	6,698	1,032	6,777
EmbeddedBeamRow_1_1	16128	1	4,500	-13,480	6,698	1,032	6,777
Element 1-10 (Embedded beam row)	16129	2	4,500	-13,735	6,690	0,981	6,762
(palo 1500)	16130	3	4,500	-13,990	6,682	0,930	6,746
	16131	4	4,500	-14,246	6,672	0,880	6,730

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	16132	5	4,500	-14,501	6,661	0,831	6,713
EmbeddedBeamRow_1_1	16132	1	4,500	-14,501	6,661	0,831	6,713
Element 1-11 (Embedded beam row)	16133	2	4,500	-14,760	6,649	0,781	6,695
(palo 1500)	16134	3	4,500	-15,018	6,636	0,733	6,677
	16135	4	4,500	-15,277	6,622	0,685	6,658
	16136	5	4,500	-15,536	6,607	0,637	6,638
EmbeddedBeamRow_1_1	16136	1	4,500	-15,536	6,607	0,637	6,638
Element 1-12 (Embedded beam row)	16137	2	4,500	-15,799	6,591	0,590	6,617
(palo 1500)	16138	3	4,500	-16,062	6,573	0,543	6,595
	16139	4	4,500	-16,325	6,554	0,497	6,573
	16140	5	4,500	-16,587	6,534	0,452	6,550
EmbeddedBeamRow_1_1	16140	1	4,500	-16,587	6,534	0,452	6,550
Element 1-13 (Embedded beam row)	16141	2	4,500	-16,854	6,513	0,407	6,526
(palo 1500)	16142	3	4,500	-17,121	6,490	0,362	6,501
	16143	4	4,500	-17,387	6,467	0,318	6,475
	16144	5	4,500	-17,654	6,442	0,275	6,448
EmbeddedBeamRow_1_1	16144	1	4,500	-17,654	6,442	0,275	6,448
Element 1-14 (Embedded beam row)	16145	2	4,500	-17,925	6,416	0,232	6,420
(palo 1500)	16146	3	4,500	-18,195	6,389	0,189	6,391
	16147	4	4,500	-18,466	6,360	0,147	6,362
	16148	5	4,500	-18,737	6,331	0,106	6,332
EmbeddedBeamRow_1_1	16148	1	4,500	-18,737	6,331	0,106	6,332
Element 1-15 (Embedded beam row)	16149	2	4,500	-19,011	6,300	0,064	6,300
(palo 1500)	16150	3	4,500	-19,286	6,267	0,023	6,267
	16151	4	4,500	-19,561	6,234	-0,017	6,234
	16152	5	4,500	-19,836	6,200	-0,057	6,200

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
EmbeddedBeamRow_1_1	16152	1	4,500	-19,836	6,200	-0,057	6,200
Element 1-16 (Embedded beam row)	16153	2	4,500	-20,114	6,163	-0,097	6,164
(palo 1500)	16154	3	4,500	-20,393	6,126	-0,136	6,127
	16155	4	4,500	-20,672	6,087	-0,176	6,089
	16156	5	4,500	-20,951	6,047	-0,215	6,051
EmbeddedBeamRow_1_1	16156	1	4,500	-20,951	6,047	-0,215	6,051
Element 1-17 (Embedded beam row)	16157	2	4,500	-21,234	6,004	-0,254	6,010
(palo 1500)	16158	3	4,500	-21,517	5,960	-0,294	5,968
	16159	4	4,500	-21,800	5,914	-0,333	5,924
	16160	5	4,500	-22,083	5,866	-0,372	5,878
EmbeddedBeamRow_1_1	16160	1	4,500	-22,083	5,866	-0,372	5,878
Element 1-18 (Embedded beam row)	16161	2	4,500	-22,370	5,815	-0,411	5,830
(palo 1500)	16162	3	4,500	-22,657	5,762	-0,450	5,779
	16163	4	4,500	-22,944	5,706	-0,489	5,727
	16164	5	4,500	-23,231	5,647	-0,527	5,672
EmbeddedBeamRow_1_1	16164	1	4,500	-23,231	5,647	-0,527	5,672
Element 1-19 (Embedded beam row)	16165	2	4,500	-23,523	5,585	-0,565	5,614
(palo 1500)	16166	3	4,500	-23,814	5,520	-0,603	5,553
	16167	4	4,500	-24,106	5,453	-0,640	5,490
	16168	5	4,500	-24,397	5,382	-0,676	5,424
EmbeddedBeamRow_1_1	16168	1	4,500	-24,397	5,382	-0,676	5,424
Element 1-20 (Embedded beam row)	16169	2	4,500	-24,693	5,307	-0,711	5,354
(palo 1500)	16170	3	4,500	-24,989	5,228	-0,746	5,281
	16171	4	4,500	-25,285	5,147	-0,779	5,206
	16172	5	4,500	-25,580	5,062	-0,812	5,127
EmbeddedBeamRow_1_1	16172	1	4,500	-25,580	5,062	-0,812	5,127

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
Element 1-21 (Embedded beam row)	16173	2	4,500	-25,881	4,972	-0,843	5,043
(palo 1500)	16174	3	4,500	-26,181	4,879	-0,873	4,956
	16175	4	4,500	-26,481	4,781	-0,902	4,866
	16176	5	4,500	-26,781	4,680	-0,930	4,771
EmbeddedBeamRow_1_1	16176	1	4,500	-26,781	4,680	-0,930	4,771
Element 1-22 (Embedded beam row)	16177	2	4,500	-27,086	4,572	-0,957	4,672
(palo 1500)	16178	3	4,500	-27,391	4,461	-0,982	4,567
	16179	4	4,500	-27,695	4,344	-1,006	4,459
	16180	5	4,500	-28,000	4,222	-1,029	4,346
EmbeddedBeamRow_1_1	16180	1	4,500	-28,000	4,222	-1,029	4,346
Element 1-23 (Embedded beam row)	16181	2	4,500	-28,468	4,026	-1,061	4,163
(palo 1500)	16182	3	4,500	-28,935	3,817	-1,090	3,969
	16183	4	4,500	-29,403	3,595	-1,115	3,764
	16184	5	4,500	-29,870	3,360	-1,138	3,547
EmbeddedBeamRow_2_1	16185	1	12,300	-5,870	4,225	3,942	5,779
Element 2-24 (Embedded beam row)	16186	2	12,300	-5,979	4,221	3,940	5,774
(palo 1500)	16187	3	12,300	-6,088	4,216	3,936	5,768
	16188	4	12,300	-6,197	4,210	3,931	5,760
	16189	5	12,300	-6,306	4,204	3,926	5,752
EmbeddedBeamRow_2_1	16189	1	12,300	-6,306	4,204	3,926	5,752
Element 2-25 (Embedded beam row)	16190	2	12,300	-6,470	4,194	3,917	5,738
(palo 1500)	16191	3	12,300	-6,633	4,182	3,907	5,724
	16192	4	12,300	-6,796	4,170	3,897	5,708
	16193	5	12,300	-6,960	4,157	3,886	5,690
EmbeddedBeamRow_2_1	16193	1	12,300	-6,960	4,157	3,886	5,690
Element 2-26 (Embedded beam row)	16194	2	12,300	-7,205	4,135	3,870	5,663

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
(palo 1500)	16195	3	12,300	-7,450	4,111	3,852	5,634
	16196	4	12,300	-7,695	4,086	3,834	5,603
	16197	5	12,300	-7,940	4,060	3,813	5,570
EmbeddedBeamRow_2_1	16197	1	12,300	-7,940	4,060	3,813	5,570
Element 2-27 (Embedded beam row)	16198	2	12,300	-8,193	4,135	3,742	5,577
(palo 1500)	16199	3	12,300	-8,446	4,209	3,669	5,584
	16200	4	12,300	-8,699	4,281	3,596	5,591
	16201	5	12,300	-8,952	4,351	3,523	5,598
EmbeddedBeamRow_2_1	16201	1	12,300	-8,952	4,351	3,523	5,598
Element 2-28 (Embedded beam row)	16202	2	12,300	-9,205	4,418	3,450	5,605
(palo 1500)	16203	3	12,300	-9,458	4,482	3,377	5,612
	16204	4	12,300	-9,711	4,545	3,304	5,619
	16205	5	12,300	-9,964	4,605	3,232	5,626
EmbeddedBeamRow_2_1	16205	1	12,300	-9,964	4,605	3,232	5,626
Element 2-29 (Embedded beam row)	16206	2	12,300	-10,217	4,662	3,159	5,632
(palo 1500)	16207	3	12,300	-10,470	4,718	3,088	5,638
	16208	4	12,300	-10,723	4,771	3,016	5,645
	16209	5	12,300	-10,976	4,823	2,945	5,651
EmbeddedBeamRow_2_1	16209	1	12,300	-10,976	4,823	2,945	5,651
Element 2-30 (Embedded beam row)	16210	2	12,300	-11,229	4,873	2,874	5,657
(palo 1500)	16211	3	12,300	-11,482	4,921	2,803	5,663
	16212	4	12,300	-11,735	4,967	2,733	5,669
	16213	5	12,300	-11,988	5,011	2,664	5,675
EmbeddedBeamRow_2_1	16213	1	12,300	-11,988	5,011	2,664	5,675
Element 2-31 (Embedded beam row)	16214	2	12,300	-12,241	5,053	2,595	5,680
(palo 1500)	16215	3	12,300	-12,494	5,092	2,527	5,685

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	16216	4	12,300	-12,747	5,130	2,459	5,689
	16217	5	12,300	-13,000	5,166	2,393	5,693
EmbeddedBeamRow_2_1	16217	1	12,300	-13,000	5,166	2,393	5,693
Element 2-32 (Embedded beam row)	16218	2	12,300	-13,241	5,180	2,335	5,682
(palo 1500)	16219	3	12,300	-13,482	5,194	2,278	5,671
	16220	4	12,300	-13,723	5,206	2,221	5,660
	16221	5	12,300	-13,964	5,217	2,164	5,648
EmbeddedBeamRow_2_1	16221	1	12,300	-13,964	5,217	2,164	5,648
Element 2-33 (Embedded beam row)	16222	2	12,300	-14,209	5,226	2,107	5,635
(palo 1500)	16223	3	12,300	-14,453	5,234	2,049	5,621
	16224	4	12,300	-14,698	5,241	1,992	5,607
	16225	5	12,300	-14,943	5,247	1,936	5,592
EmbeddedBeamRow_2_1	16225	1	12,300	-14,943	5,247	1,936	5,592
Element 2-34 (Embedded beam row)	16226	2	12,300	-15,192	5,251	1,878	5,577
(palo 1500)	16227	3	12,300	-15,441	5,254	1,821	5,561
	16228	4	12,300	-15,690	5,256	1,765	5,544
	16229	5	12,300	-15,938	5,256	1,708	5,527
EmbeddedBeamRow_2_1	16229	1	12,300	-15,938	5,256	1,708	5,527
Element 2-35 (Embedded beam row)	16230	2	12,300	-16,191	5,256	1,652	5,509
(palo 1500)	16231	3	12,300	-16,444	5,253	1,595	5,490
	16232	4	12,300	-16,697	5,250	1,539	5,471
	16233	5	12,300	-16,950	5,245	1,483	5,451
EmbeddedBeamRow_2_1	16233	1	12,300	-16,950	5,245	1,483	5,451
Element 2-36 (Embedded beam row)	16234	2	12,300	-17,206	5,239	1,426	5,430
(palo 1500)	16235	3	12,300	-17,463	5,232	1,370	5,408
	16236	4	12,300	-17,720	5,223	1,314	5,386

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	16237	5	12,300	-17,977	5,213	1,259	5,363
EmbeddedBeamRow_2_1	16237	1	12,300	-17,977	5,213	1,259	5,363
Element 2-37 (Embedded beam row)	16238	2	12,300	-18,238	5,202	1,203	5,339
(palo 1500)	16239	3	12,300	-18,499	5,189	1,147	5,314
	16240	4	12,300	-18,760	5,175	1,092	5,289
	16241	5	12,300	-19,021	5,160	1,037	5,263
EmbeddedBeamRow_2_1	16241	1	12,300	-19,021	5,160	1,037	5,263
Element 2-38 (Embedded beam row)	16242	2	12,300	-19,286	5,143	0,982	5,235
(palo 1500)	16243	3	12,300	-19,551	5,124	0,927	5,207
	16244	4	12,300	-19,817	5,105	0,872	5,178
	16245	5	12,300	-20,082	5,083	0,818	5,149
EmbeddedBeamRow_2_1	16245	1	12,300	-20,082	5,083	0,818	5,149
Element 2-39 (Embedded beam row)	16246	2	12,300	-20,351	5,061	0,763	5,118
(palo 1500)	16247	3	12,300	-20,621	5,036	0,708	5,086
	16248	4	12,300	-20,890	5,011	0,654	5,053
	16249	5	12,300	-21,160	4,985	0,599	5,020
EmbeddedBeamRow_2_1	16249	1	12,300	-21,160	4,985	0,599	5,020
Element 2-40 (Embedded beam row)	16250	2	12,300	-21,433	4,957	0,544	4,986
(palo 1500)	16251	3	12,300	-21,707	4,927	0,489	4,952
	16252	4	12,300	-21,981	4,897	0,435	4,916
	16253	5	12,300	-22,255	4,864	0,381	4,879
EmbeddedBeamRow_2_1	16253	1	12,300	-22,255	4,864	0,381	4,879
Element 2-41 (Embedded beam row)	16254	2	12,300	-22,533	4,830	0,326	4,841
(palo 1500)	16255	3	12,300	-22,811	4,794	0,272	4,802
	16256	4	12,300	-23,089	4,756	0,219	4,761
	16257	5	12,300	-23,367	4,716	0,166	4,719

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
EmbeddedBeamRow_2_1	16257	1	12,300	-23,367	4,716	0,166	4,719
Element 2-42 (Embedded beam row)	16258	2	12,300	-23,650	4,674	0,113	4,675
(palo 1500)	16259	3	12,300	-23,933	4,630	0,060	4,631
	16260	4	12,300	-24,215	4,584	0,008	4,584
	16261	5	12,300	-24,498	4,536	-0,044	4,537
EmbeddedBeamRow_2_1	16261	1	12,300	-24,498	4,536	-0,044	4,537
Element 2-43 (Embedded beam row)	16262	2	12,300	-24,785	4,486	-0,096	4,487
(palo 1500)	16263	3	12,300	-25,072	4,433	-0,147	4,436
	16264	4	12,300	-25,360	4,379	-0,198	4,383
	16265	5	12,300	-25,647	4,322	-0,249	4,329
EmbeddedBeamRow_2_1	16265	1	12,300	-25,647	4,322	-0,249	4,329
Element 2-44 (Embedded beam row)	16266	2	12,300	-25,939	4,262	-0,299	4,273
(palo 1500)	16267	3	12,300	-26,230	4,201	-0,349	4,215
	16268	4	12,300	-26,522	4,136	-0,398	4,156
	16269	5	12,300	-26,814	4,070	-0,447	4,095
EmbeddedBeamRow_2_1	16269	1	12,300	-26,814	4,070	-0,447	4,095
Element 2-45 (Embedded beam row)	16270	2	12,300	-27,110	4,001	-0,495	4,031
(palo 1500)	16271	3	12,300	-27,407	3,928	-0,543	3,966
	16272	4	12,300	-27,703	3,854	-0,590	3,899
	16273	5	12,300	-28,000	3,777	-0,637	3,830
EmbeddedBeamRow_2_1	16273	1	12,300	-28,000	3,777	-0,637	3,830
Element 2-46 (Embedded beam row)	16274	2	12,300	-28,468	3,650	-0,708	3,718
(palo 1500)	16275	3	12,300	-28,935	3,518	-0,778	3,603
	16276	4	12,300	-29,403	3,378	-0,845	3,482
	16277	5	12,300	-29,870	3,225	-0,907	3,350

3.3.1.1.1.10 Calculation results, Embedded beam row, Versante - fase B [Phase_10] (10/34), Table of total displacements

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
EmbeddedBeamRow_1_1	16092	1	4,500	-5,870	-4,721	-1,158	4,861
Element 1-1 (Embedded beam row)	16093	2	4,500	-6,009	-4,730	-1,157	4,870
(palo 1500)	16094	3	4,500	-6,147	-4,740	-1,156	4,879
	16095	4	4,500	-6,286	-4,750	-1,156	4,888
	16096	5	4,500	-6,424	-4,760	-1,155	4,898
EmbeddedBeamRow_1_1	16096	1	4,500	-6,424	-4,760	-1,155	4,898
Element 1-2 (Embedded beam row)	16097	2	4,500	-6,614	-4,774	-1,153	4,911
(palo 1500)	16098	3	4,500	-6,803	-4,788	-1,152	4,925
	16099	4	4,500	-6,992	-4,803	-1,151	4,939
	16100	5	4,500	-7,181	-4,817	-1,150	4,953
EmbeddedBeamRow_1_1	16100	1	4,500	-7,181	-4,817	-1,150	4,953
Element 1-3 (Embedded beam row)	16101	2	4,500	-7,379	-4,833	-1,148	4,967
(palo 1500)	16102	3	4,500	-7,576	-4,848	-1,147	4,982
	16103	4	4,500	-7,773	-4,864	-1,145	4,997
	16104	5	4,500	-7,971	-4,879	-1,144	5,012
EmbeddedBeamRow_1_1	16104	1	4,500	-7,971	-4,879	-1,144	5,012
Element 1-4 (Embedded beam row)	16105	2	4,500	-8,177	-4,895	-1,142	5,027
(palo 1500)	16106	3	4,500	-8,383	-4,911	-1,141	5,042
	16107	4	4,500	-8,589	-4,927	-1,139	5,057
	16108	5	4,500	-8,794	-4,942	-1,138	5,072
EmbeddedBeamRow_1_1	16108	1	4,500	-8,794	-4,942	-1,138	5,072
Element 1-5 (Embedded beam row)	16109	2	4,500	-9,009	-4,958	-1,136	5,086
(palo 1500)	16110	3	4,500	-9,224	-4,973	-1,134	5,101

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	16111	4	4,500	-9,439	-4,988	-1,132	5,115
	16112	5	4,500	-9,654	-5,002	-1,131	5,128
EmbeddedBeamRow_1_1	16112	1	4,500	-9,654	-5,002	-1,131	5,128
Element 1-6 (Embedded beam row)	16113	2	4,500	-9,878	-5,016	-1,129	5,141
(palo 1500)	16114	3	4,500	-10,102	-5,029	-1,127	5,154
	16115	4	4,500	-10,326	-5,042	-1,125	5,166
	16116	5	4,500	-10,550	-5,053	-1,123	5,176
EmbeddedBeamRow_1_1	16116	1	4,500	-10,550	-5,053	-1,123	5,176
Element 1-7 (Embedded beam row)	16117	2	4,500	-10,783	-5,064	-1,121	5,187
(palo 1500)	16118	3	4,500	-11,017	-5,074	-1,119	5,196
	16119	4	4,500	-11,251	-5,083	-1,117	5,204
	16120	5	4,500	-11,484	-5,090	-1,114	5,211
EmbeddedBeamRow_1_1	16120	1	4,500	-11,484	-5,090	-1,114	5,211
Element 1-8 (Embedded beam row)	16121	2	4,500	-11,732	-5,097	-1,112	5,217
(palo 1500)	16122	3	4,500	-11,980	-5,102	-1,110	5,221
	16123	4	4,500	-12,227	-5,105	-1,107	5,224
	16124	5	4,500	-12,475	-5,107	-1,105	5,225
EmbeddedBeamRow_1_1	16124	1	4,500	-12,475	-5,107	-1,105	5,225
Element 1-9 (Embedded beam row)	16125	2	4,500	-12,726	-5,108	-1,102	5,225
(palo 1500)	16126	3	4,500	-12,978	-5,106	-1,100	5,223
	16127	4	4,500	-13,229	-5,103	-1,098	5,220
	16128	5	4,500	-13,480	-5,099	-1,095	5,215
EmbeddedBeamRow_1_1	16128	1	4,500	-13,480	-5,099	-1,095	5,215
Element 1-10 (Embedded beam row)	16129	2	4,500	-13,735	-5,093	-1,092	5,208
(palo 1500)	16130	3	4,500	-13,990	-5,085	-1,090	5,200
	16131	4	4,500	-14,246	-5,075	-1,087	5,190

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	16132	5	4,500	-14,501	-5,064	-1,085	5,178
EmbeddedBeamRow_1_1	16132	1	4,500	-14,501	-5,064	-1,085	5,178
Element 1-11 (Embedded beam row)	16133	2	4,500	-14,760	-5,050	-1,082	5,165
(palo 1500)	16134	3	4,500	-15,018	-5,036	-1,079	5,150
	16135	4	4,500	-15,277	-5,019	-1,077	5,133
	16136	5	4,500	-15,536	-5,001	-1,074	5,115
EmbeddedBeamRow_1_1	16136	1	4,500	-15,536	-5,001	-1,074	5,115
Element 1-12 (Embedded beam row)	16137	2	4,500	-15,799	-4,981	-1,071	5,095
(palo 1500)	16138	3	4,500	-16,062	-4,960	-1,069	5,074
	16139	4	4,500	-16,325	-4,937	-1,066	5,051
	16140	5	4,500	-16,587	-4,913	-1,063	5,026
EmbeddedBeamRow_1_1	16140	1	4,500	-16,587	-4,913	-1,063	5,026
Element 1-13 (Embedded beam row)	16141	2	4,500	-16,854	-4,886	-1,061	5,000
(palo 1500)	16142	3	4,500	-17,121	-4,859	-1,058	4,973
	16143	4	4,500	-17,387	-4,830	-1,055	4,944
	16144	5	4,500	-17,654	-4,800	-1,052	4,914
EmbeddedBeamRow_1_1	16144	1	4,500	-17,654	-4,800	-1,052	4,914
Element 1-14 (Embedded beam row)	16145	2	4,500	-17,925	-4,768	-1,050	4,882
(palo 1500)	16146	3	4,500	-18,195	-4,735	-1,047	4,849
	16147	4	4,500	-18,466	-4,700	-1,044	4,815
	16148	5	4,500	-18,737	-4,665	-1,041	4,780
EmbeddedBeamRow_1_1	16148	1	4,500	-18,737	-4,665	-1,041	4,780
Element 1-15 (Embedded beam row)	16149	2	4,500	-19,011	-4,628	-1,039	4,743
(palo 1500)	16150	3	4,500	-19,286	-4,589	-1,036	4,705
	16151	4	4,500	-19,561	-4,550	-1,033	4,666
	16152	5	4,500	-19,836	-4,510	-1,031	4,626

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
EmbeddedBeamRow_1_1	16152	1	4,500	-19,836	-4,510	-1,031	4,626
Element 1-16 (Embedded beam row)	16153	2	4,500	-20,114	-4,468	-1,028	4,584
(palo 1500)	16154	3	4,500	-20,393	-4,425	-1,025	4,542
	16155	4	4,500	-20,672	-4,381	-1,022	4,498
	16156	5	4,500	-20,951	-4,336	-1,020	4,454
EmbeddedBeamRow_1_1	16156	1	4,500	-20,951	-4,336	-1,020	4,454
Element 1-17 (Embedded beam row)	16157	2	4,500	-21,234	-4,289	-1,017	4,408
(palo 1500)	16158	3	4,500	-21,517	-4,241	-1,014	4,361
	16159	4	4,500	-21,800	-4,193	-1,012	4,313
	16160	5	4,500	-22,083	-4,144	-1,009	4,265
EmbeddedBeamRow_1_1	16160	1	4,500	-22,083	-4,144	-1,009	4,265
Element 1-18 (Embedded beam row)	16161	2	4,500	-22,370	-4,092	-1,007	4,214
(palo 1500)	16162	3	4,500	-22,657	-4,041	-1,004	4,163
	16163	4	4,500	-22,944	-3,988	-1,002	4,112
	16164	5	4,500	-23,231	-3,934	-0,999	4,059
EmbeddedBeamRow_1_1	16164	1	4,500	-23,231	-3,934	-0,999	4,059
Element 1-19 (Embedded beam row)	16165	2	4,500	-23,523	-3,879	-0,996	4,005
(palo 1500)	16166	3	4,500	-23,814	-3,823	-0,994	3,950
	16167	4	4,500	-24,106	-3,766	-0,992	3,894
	16168	5	4,500	-24,397	-3,708	-0,989	3,838
EmbeddedBeamRow_1_1	16168	1	4,500	-24,397	-3,708	-0,989	3,838
Element 1-20 (Embedded beam row)	16169	2	4,500	-24,693	-3,649	-0,987	3,780
(palo 1500)	16170	3	4,500	-24,989	-3,589	-0,984	3,721
	16171	4	4,500	-25,285	-3,528	-0,982	3,662
	16172	5	4,500	-25,580	-3,466	-0,980	3,602
EmbeddedBeamRow_1_1	16172	1	4,500	-25,580	-3,466	-0,980	3,602

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
Element 1-21 (Embedded beam row)	16173	2	4,500	-25,881	-3,404	-0,978	3,541
(palo 1500)	16174	3	4,500	-26,181	-3,340	-0,975	3,480
	16175	4	4,500	-26,481	-3,276	-0,973	3,418
	16176	5	4,500	-26,781	-3,212	-0,971	3,355
EmbeddedBeamRow_1_1	16176	1	4,500	-26,781	-3,212	-0,971	3,355
Element 1-22 (Embedded beam row)	16177	2	4,500	-27,086	-3,146	-0,969	3,292
(palo 1500)	16178	3	4,500	-27,391	-3,080	-0,967	3,228
	16179	4	4,500	-27,695	-3,013	-0,965	3,164
	16180	5	4,500	-28,000	-2,946	-0,964	3,100
EmbeddedBeamRow_1_1	16180	1	4,500	-28,000	-2,946	-0,964	3,100
Element 1-23 (Embedded beam row)	16181	2	4,500	-28,468	-2,844	-0,961	3,002
(palo 1500)	16182	3	4,500	-28,935	-2,741	-0,958	2,903
	16183	4	4,500	-29,403	-2,638	-0,956	2,805
	16184	5	4,500	-29,870	-2,535	-0,953	2,708
EmbeddedBeamRow_2_1	16185	1	12,300	-5,870	-4,719	-1,528	4,961
Element 2-24 (Embedded beam row)	16186	2	12,300	-5,979	-4,722	-1,528	4,963
(palo 1500)	16187	3	12,300	-6,088	-4,724	-1,527	4,965
	16188	4	12,300	-6,197	-4,727	-1,527	4,967
	16189	5	12,300	-6,306	-4,728	-1,526	4,969
EmbeddedBeamRow_2_1	16189	1	12,300	-6,306	-4,728	-1,526	4,969
Element 2-25 (Embedded beam row)	16190	2	12,300	-6,470	-4,730	-1,525	4,970
(palo 1500)	16191	3	12,300	-6,633	-4,732	-1,525	4,971
	16192	4	12,300	-6,796	-4,733	-1,524	4,972
	16193	5	12,300	-6,960	-4,733	-1,523	4,972
EmbeddedBeamRow_2_1	16193	1	12,300	-6,960	-4,733	-1,523	4,972
Element 2-26 (Embedded beam row)	16194	2	12,300	-7,205	-4,733	-1,522	4,971

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
(palo 1500)	16195	3	12,300	-7,450	-4,731	-1,520	4,969
	16196	4	12,300	-7,695	-4,728	-1,519	4,966
	16197	5	12,300	-7,940	-4,723	-1,518	4,961
EmbeddedBeamRow_2_1	16197	1	12,300	-7,940	-4,723	-1,518	4,961
Element 2-27 (Embedded beam row)	16198	2	12,300	-8,193	-4,718	-1,516	4,956
(palo 1500)	16199	3	12,300	-8,446	-4,711	-1,515	4,949
	16200	4	12,300	-8,699	-4,704	-1,513	4,941
	16201	5	12,300	-8,952	-4,695	-1,512	4,932
EmbeddedBeamRow_2_1	16201	1	12,300	-8,952	-4,695	-1,512	4,932
Element 2-28 (Embedded beam row)	16202	2	12,300	-9,205	-4,685	-1,510	4,923
(palo 1500)	16203	3	12,300	-9,458	-4,675	-1,508	4,912
	16204	4	12,300	-9,711	-4,663	-1,507	4,900
	16205	5	12,300	-9,964	-4,651	-1,505	4,888
EmbeddedBeamRow_2_1	16205	1	12,300	-9,964	-4,651	-1,505	4,888
Element 2-29 (Embedded beam row)	16206	2	12,300	-10,217	-4,637	-1,503	4,875
(palo 1500)	16207	3	12,300	-10,470	-4,623	-1,502	4,861
	16208	4	12,300	-10,723	-4,609	-1,500	4,847
	16209	5	12,300	-10,976	-4,593	-1,498	4,831
EmbeddedBeamRow_2_1	16209	1	12,300	-10,976	-4,593	-1,498	4,831
Element 2-30 (Embedded beam row)	16210	2	12,300	-11,229	-4,577	-1,496	4,815
(palo 1500)	16211	3	12,300	-11,482	-4,560	-1,494	4,798
	16212	4	12,300	-11,735	-4,542	-1,492	4,781
	16213	5	12,300	-11,988	-4,524	-1,490	4,763
EmbeddedBeamRow_2_1	16213	1	12,300	-11,988	-4,524	-1,490	4,763
Element 2-31 (Embedded beam row)	16214	2	12,300	-12,241	-4,505	-1,488	4,745
(palo 1500)	16215	3	12,300	-12,494	-4,486	-1,486	4,726

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	16216	4	12,300	-12,747	-4,466	-1,484	4,706
	16217	5	12,300	-13,000	-4,445	-1,482	4,686
EmbeddedBeamRow_2_1	16217	1	12,300	-13,000	-4,445	-1,482	4,686
Element 2-32 (Embedded beam row)	16218	2	12,300	-13,241	-4,425	-1,480	4,666
(palo 1500)	16219	3	12,300	-13,482	-4,404	-1,477	4,645
	16220	4	12,300	-13,723	-4,383	-1,475	4,625
	16221	5	12,300	-13,964	-4,361	-1,473	4,603
EmbeddedBeamRow_2_1	16221	1	12,300	-13,964	-4,361	-1,473	4,603
Element 2-33 (Embedded beam row)	16222	2	12,300	-14,209	-4,339	-1,471	4,581
(palo 1500)	16223	3	12,300	-14,453	-4,316	-1,469	4,559
	16224	4	12,300	-14,698	-4,292	-1,466	4,536
	16225	5	12,300	-14,943	-4,268	-1,464	4,512
EmbeddedBeamRow_2_1	16225	1	12,300	-14,943	-4,268	-1,464	4,512
Element 2-34 (Embedded beam row)	16226	2	12,300	-15,192	-4,243	-1,462	4,488
(palo 1500)	16227	3	12,300	-15,441	-4,218	-1,459	4,463
	16228	4	12,300	-15,690	-4,192	-1,457	4,438
	16229	5	12,300	-15,938	-4,166	-1,454	4,412
EmbeddedBeamRow_2_1	16229	1	12,300	-15,938	-4,166	-1,454	4,412
Element 2-35 (Embedded beam row)	16230	2	12,300	-16,191	-4,138	-1,452	4,385
(palo 1500)	16231	3	12,300	-16,444	-4,110	-1,449	4,358
	16232	4	12,300	-16,697	-4,082	-1,446	4,331
	16233	5	12,300	-16,950	-4,053	-1,444	4,302
EmbeddedBeamRow_2_1	16233	1	12,300	-16,950	-4,053	-1,444	4,302
Element 2-36 (Embedded beam row)	16234	2	12,300	-17,206	-4,023	-1,441	4,273
(palo 1500)	16235	3	12,300	-17,463	-3,992	-1,439	4,243
	16236	4	12,300	-17,720	-3,961	-1,436	4,213

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	16237	5	12,300	-17,977	-3,929	-1,433	4,182
EmbeddedBeamRow_2_1	16237	1	12,300	-17,977	-3,929	-1,433	4,182
Element 2-37 (Embedded beam row)	16238	2	12,300	-18,238	-3,896	-1,430	4,150
(palo 1500)	16239	3	12,300	-18,499	-3,862	-1,428	4,118
	16240	4	12,300	-18,760	-3,828	-1,425	4,085
	16241	5	12,300	-19,021	-3,793	-1,422	4,051
EmbeddedBeamRow_2_1	16241	1	12,300	-19,021	-3,793	-1,422	4,051
Element 2-38 (Embedded beam row)	16242	2	12,300	-19,286	-3,757	-1,419	4,016
(palo 1500)	16243	3	12,300	-19,551	-3,720	-1,416	3,981
	16244	4	12,300	-19,817	-3,683	-1,414	3,945
	16245	5	12,300	-20,082	-3,645	-1,411	3,908
EmbeddedBeamRow_2_1	16245	1	12,300	-20,082	-3,645	-1,411	3,908
Element 2-39 (Embedded beam row)	16246	2	12,300	-20,351	-3,605	-1,408	3,871
(palo 1500)	16247	3	12,300	-20,621	-3,565	-1,405	3,832
	16248	4	12,300	-20,890	-3,525	-1,402	3,793
	16249	5	12,300	-21,160	-3,483	-1,399	3,754
EmbeddedBeamRow_2_1	16249	1	12,300	-21,160	-3,483	-1,399	3,754
Element 2-40 (Embedded beam row)	16250	2	12,300	-21,433	-3,440	-1,397	3,713
(palo 1500)	16251	3	12,300	-21,707	-3,397	-1,394	3,671
	16252	4	12,300	-21,981	-3,352	-1,391	3,629
	16253	5	12,300	-22,255	-3,307	-1,388	3,587
EmbeddedBeamRow_2_1	16253	1	12,300	-22,255	-3,307	-1,388	3,587
Element 2-41 (Embedded beam row)	16254	2	12,300	-22,533	-3,261	-1,385	3,543
(palo 1500)	16255	3	12,300	-22,811	-3,214	-1,383	3,498
	16256	4	12,300	-23,089	-3,166	-1,380	3,453
	16257	5	12,300	-23,367	-3,117	-1,377	3,408

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
EmbeddedBeamRow_2_1	16257	1	12,300	-23,367	-3,117	-1,377	3,408
Element 2-42 (Embedded beam row)	16258	2	12,300	-23,650	-3,067	-1,374	3,361
(palo 1500)	16259	3	12,300	-23,933	-3,017	-1,372	3,314
	16260	4	12,300	-24,215	-2,966	-1,369	3,266
	16261	5	12,300	-24,498	-2,914	-1,366	3,218
EmbeddedBeamRow_2_1	16261	1	12,300	-24,498	-2,914	-1,366	3,218
Element 2-43 (Embedded beam row)	16262	2	12,300	-24,785	-2,861	-1,364	3,169
(palo 1500)	16263	3	12,300	-25,072	-2,807	-1,361	3,119
	16264	4	12,300	-25,360	-2,753	-1,358	3,070
	16265	5	12,300	-25,647	-2,698	-1,356	3,019
EmbeddedBeamRow_2_1	16265	1	12,300	-25,647	-2,698	-1,356	3,019
Element 2-44 (Embedded beam row)	16266	2	12,300	-25,939	-2,642	-1,354	2,968
(palo 1500)	16267	3	12,300	-26,230	-2,585	-1,351	2,917
	16268	4	12,300	-26,522	-2,528	-1,349	2,865
	16269	5	12,300	-26,814	-2,471	-1,346	2,814
EmbeddedBeamRow_2_1	16269	1	12,300	-26,814	-2,471	-1,346	2,814
Element 2-45 (Embedded beam row)	16270	2	12,300	-27,110	-2,412	-1,344	2,761
(palo 1500)	16271	3	12,300	-27,407	-2,353	-1,342	2,709
	16272	4	12,300	-27,703	-2,294	-1,340	2,657
	16273	5	12,300	-28,000	-2,235	-1,338	2,605
EmbeddedBeamRow_2_1	16273	1	12,300	-28,000	-2,235	-1,338	2,605
Element 2-46 (Embedded beam row)	16274	2	12,300	-28,468	-2,141	-1,335	2,523
(palo 1500)	16275	3	12,300	-28,935	-2,048	-1,332	2,443
	16276	4	12,300	-29,403	-1,954	-1,329	2,363
	16277	5	12,300	-29,870	-1,860	-1,326	2,284

3.3.1.1.1.11 Calculation results, Embedded beam row, Versante + SISMA [Phase_12] (11/37), Table of total displacements

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
EmbeddedBeamRow_1_1	16092	1	4,500	-5,870	-4,482	-1,155	4,628
Element 1-1 (Embedded beam row)	16093	2	4,500	-6,009	-4,492	-1,155	4,638
(palo 1500)	16094	3	4,500	-6,147	-4,502	-1,154	4,647
	16095	4	4,500	-6,286	-4,512	-1,153	4,657
	16096	5	4,500	-6,424	-4,523	-1,152	4,668
EmbeddedBeamRow_1_1	16096	1	4,500	-6,424	-4,523	-1,152	4,668
Element 1-2 (Embedded beam row)	16097	2	4,500	-6,614	-4,538	-1,151	4,682
(palo 1500)	16098	3	4,500	-6,803	-4,554	-1,150	4,697
	16099	4	4,500	-6,992	-4,570	-1,149	4,712
	16100	5	4,500	-7,181	-4,586	-1,148	4,727
EmbeddedBeamRow_1_1	16100	1	4,500	-7,181	-4,586	-1,148	4,727
Element 1-3 (Embedded beam row)	16101	2	4,500	-7,379	-4,603	-1,146	4,744
(palo 1500)	16102	3	4,500	-7,576	-4,621	-1,145	4,761
	16103	4	4,500	-7,773	-4,639	-1,144	4,778
	16104	5	4,500	-7,971	-4,657	-1,142	4,795
EmbeddedBeamRow_1_1	16104	1	4,500	-7,971	-4,657	-1,142	4,795
Element 1-4 (Embedded beam row)	16105	2	4,500	-8,177	-4,675	-1,141	4,813
(palo 1500)	16106	3	4,500	-8,383	-4,694	-1,139	4,831
	16107	4	4,500	-8,589	-4,713	-1,138	4,848
	16108	5	4,500	-8,794	-4,732	-1,136	4,866
EmbeddedBeamRow_1_1	16108	1	4,500	-8,794	-4,732	-1,136	4,866
Element 1-5 (Embedded beam row)	16109	2	4,500	-9,009	-4,751	-1,135	4,884
(palo 1500)	16110	3	4,500	-9,224	-4,770	-1,133	4,902

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	16111	4	4,500	-9,439	-4,788	-1,131	4,920
	16112	5	4,500	-9,654	-4,806	-1,130	4,937
EmbeddedBeamRow_1_1	16112	1	4,500	-9,654	-4,806	-1,130	4,937
Element 1-6 (Embedded beam row)	16113	2	4,500	-9,878	-4,824	-1,128	4,954
(palo 1500)	16114	3	4,500	-10,102	-4,842	-1,126	4,971
	16115	4	4,500	-10,326	-4,859	-1,124	4,987
	16116	5	4,500	-10,550	-4,875	-1,122	5,002
EmbeddedBeamRow_1_1	16116	1	4,500	-10,550	-4,875	-1,122	5,002
Element 1-7 (Embedded beam row)	16117	2	4,500	-10,783	-4,890	-1,120	5,017
(palo 1500)	16118	3	4,500	-11,017	-4,905	-1,118	5,031
	16119	4	4,500	-11,251	-4,918	-1,116	5,043
	16120	5	4,500	-11,484	-4,931	-1,114	5,055
EmbeddedBeamRow_1_1	16120	1	4,500	-11,484	-4,931	-1,114	5,055
Element 1-8 (Embedded beam row)	16121	2	4,500	-11,732	-4,942	-1,112	5,066
(palo 1500)	16122	3	4,500	-11,980	-4,952	-1,110	5,075
	16123	4	4,500	-12,227	-4,961	-1,107	5,083
	16124	5	4,500	-12,475	-4,968	-1,105	5,089
EmbeddedBeamRow_1_1	16124	1	4,500	-12,475	-4,968	-1,105	5,089
Element 1-9 (Embedded beam row)	16125	2	4,500	-12,726	-4,973	-1,103	5,094
(palo 1500)	16126	3	4,500	-12,978	-4,977	-1,100	5,097
	16127	4	4,500	-13,229	-4,979	-1,098	5,098
	16128	5	4,500	-13,480	-4,979	-1,095	5,098
EmbeddedBeamRow_1_1	16128	1	4,500	-13,480	-4,979	-1,095	5,098
Element 1-10 (Embedded beam row)	16129	2	4,500	-13,735	-4,977	-1,093	5,096
(palo 1500)	16130	3	4,500	-13,990	-4,974	-1,090	5,092
	16131	4	4,500	-14,246	-4,969	-1,088	5,086

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	16132	5	4,500	-14,501	-4,962	-1,085	5,079
EmbeddedBeamRow_1_1	16132	1	4,500	-14,501	-4,962	-1,085	5,079
Element 1-11 (Embedded beam row)	16133	2	4,500	-14,760	-4,953	-1,083	5,070
(palo 1500)	16134	3	4,500	-15,018	-4,942	-1,080	5,059
	16135	4	4,500	-15,277	-4,930	-1,078	5,046
	16136	5	4,500	-15,536	-4,916	-1,075	5,032
EmbeddedBeamRow_1_1	16136	1	4,500	-15,536	-4,916	-1,075	5,032
Element 1-12 (Embedded beam row)	16137	2	4,500	-15,799	-4,900	-1,072	5,016
(palo 1500)	16138	3	4,500	-16,062	-4,882	-1,070	4,998
	16139	4	4,500	-16,325	-4,863	-1,067	4,978
	16140	5	4,500	-16,587	-4,842	-1,064	4,957
EmbeddedBeamRow_1_1	16140	1	4,500	-16,587	-4,842	-1,064	4,957
Element 1-13 (Embedded beam row)	16141	2	4,500	-16,854	-4,819	-1,062	4,934
(palo 1500)	16142	3	4,500	-17,121	-4,795	-1,059	4,910
	16143	4	4,500	-17,387	-4,769	-1,056	4,884
	16144	5	4,500	-17,654	-4,742	-1,054	4,857
EmbeddedBeamRow_1_1	16144	1	4,500	-17,654	-4,742	-1,054	4,857
Element 1-14 (Embedded beam row)	16145	2	4,500	-17,925	-4,713	-1,051	4,828
(palo 1500)	16146	3	4,500	-18,195	-4,682	-1,048	4,798
	16147	4	4,500	-18,466	-4,650	-1,046	4,767
	16148	5	4,500	-18,737	-4,617	-1,043	4,734
EmbeddedBeamRow_1_1	16148	1	4,500	-18,737	-4,617	-1,043	4,734
Element 1-15 (Embedded beam row)	16149	2	4,500	-19,011	-4,583	-1,040	4,699
(palo 1500)	16150	3	4,500	-19,286	-4,547	-1,037	4,664
	16151	4	4,500	-19,561	-4,510	-1,035	4,627
	16152	5	4,500	-19,836	-4,471	-1,032	4,589

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
EmbeddedBeamRow_1_1	16152	1	4,500	-19,836	-4,471	-1,032	4,589
Element 1-16 (Embedded beam row)	16153	2	4,500	-20,114	-4,432	-1,029	4,550
(palo 1500)	16154	3	4,500	-20,393	-4,390	-1,027	4,509
	16155	4	4,500	-20,672	-4,348	-1,024	4,467
	16156	5	4,500	-20,951	-4,305	-1,022	4,425
EmbeddedBeamRow_1_1	16156	1	4,500	-20,951	-4,305	-1,022	4,425
Element 1-17 (Embedded beam row)	16157	2	4,500	-21,234	-4,260	-1,019	4,380
(palo 1500)	16158	3	4,500	-21,517	-4,214	-1,016	4,335
	16159	4	4,500	-21,800	-4,168	-1,014	4,289
	16160	5	4,500	-22,083	-4,120	-1,011	4,242
EmbeddedBeamRow_1_1	16160	1	4,500	-22,083	-4,120	-1,011	4,242
Element 1-18 (Embedded beam row)	16161	2	4,500	-22,370	-4,070	-1,008	4,193
(palo 1500)	16162	3	4,500	-22,657	-4,020	-1,006	4,144
	16163	4	4,500	-22,944	-3,968	-1,003	4,093
	16164	5	4,500	-23,231	-3,916	-1,001	4,042
EmbeddedBeamRow_1_1	16164	1	4,500	-23,231	-3,916	-1,001	4,042
Element 1-19 (Embedded beam row)	16165	2	4,500	-23,523	-3,862	-0,998	3,989
(palo 1500)	16166	3	4,500	-23,814	-3,807	-0,996	3,936
	16167	4	4,500	-24,106	-3,752	-0,994	3,881
	16168	5	4,500	-24,397	-3,695	-0,991	3,826
EmbeddedBeamRow_1_1	16168	1	4,500	-24,397	-3,695	-0,991	3,826
Element 1-20 (Embedded beam row)	16169	2	4,500	-24,693	-3,637	-0,989	3,769
(palo 1500)	16170	3	4,500	-24,989	-3,578	-0,986	3,712
	16171	4	4,500	-25,285	-3,519	-0,984	3,654
	16172	5	4,500	-25,580	-3,458	-0,982	3,595
EmbeddedBeamRow_1_1	16172	1	4,500	-25,580	-3,458	-0,982	3,595

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
Element 1-21 (Embedded beam row)	16173	2	4,500	-25,881	-3,397	-0,980	3,535
(palo 1500)	16174	3	4,500	-26,181	-3,334	-0,978	3,475
	16175	4	4,500	-26,481	-3,271	-0,975	3,414
	16176	5	4,500	-26,781	-3,208	-0,973	3,352
EmbeddedBeamRow_1_1	16176	1	4,500	-26,781	-3,208	-0,973	3,352
Element 1-22 (Embedded beam row)	16177	2	4,500	-27,086	-3,143	-0,971	3,290
(palo 1500)	16178	3	4,500	-27,391	-3,078	-0,969	3,227
	16179	4	4,500	-27,695	-3,012	-0,967	3,164
	16180	5	4,500	-28,000	-2,947	-0,966	3,101
EmbeddedBeamRow_1_1	16180	1	4,500	-28,000	-2,947	-0,966	3,101
Element 1-23 (Embedded beam row)	16181	2	4,500	-28,468	-2,845	-0,963	3,004
(palo 1500)	16182	3	4,500	-28,935	-2,744	-0,960	2,907
	16183	4	4,500	-29,403	-2,643	-0,958	2,811
	16184	5	4,500	-29,870	-2,541	-0,956	2,715
EmbeddedBeamRow_2_1	16185	1	12,300	-5,870	-4,481	-1,539	4,738
Element 2-24 (Embedded beam row)	16186	2	12,300	-5,979	-4,484	-1,539	4,741
(palo 1500)	16187	3	12,300	-6,088	-4,487	-1,538	4,743
	16188	4	12,300	-6,197	-4,490	-1,538	4,746
	16189	5	12,300	-6,306	-4,492	-1,537	4,748
EmbeddedBeamRow_2_1	16189	1	12,300	-6,306	-4,492	-1,537	4,748
Element 2-25 (Embedded beam row)	16190	2	12,300	-6,470	-4,495	-1,536	4,751
(palo 1500)	16191	3	12,300	-6,633	-4,498	-1,536	4,753
	16192	4	12,300	-6,796	-4,500	-1,535	4,755
	16193	5	12,300	-6,960	-4,502	-1,534	4,756
EmbeddedBeamRow_2_1	16193	1	12,300	-6,960	-4,502	-1,534	4,756
Element 2-26 (Embedded beam row)	16194	2	12,300	-7,205	-4,504	-1,533	4,758

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
(palo 1500)	16195	3	12,300	-7,450	-4,505	-1,531	4,758
	16196	4	12,300	-7,695	-4,505	-1,530	4,757
	16197	5	12,300	-7,940	-4,504	-1,529	4,756
EmbeddedBeamRow_2_1	16197	1	12,300	-7,940	-4,504	-1,529	4,756
Element 2-27 (Embedded beam row)	16198	2	12,300	-8,193	-4,502	-1,527	4,754
(palo 1500)	16199	3	12,300	-8,446	-4,499	-1,526	4,750
	16200	4	12,300	-8,699	-4,495	-1,524	4,746
	16201	5	12,300	-8,952	-4,490	-1,523	4,741
EmbeddedBeamRow_2_1	16201	1	12,300	-8,952	-4,490	-1,523	4,741
Element 2-28 (Embedded beam row)	16202	2	12,300	-9,205	-4,485	-1,521	4,736
(palo 1500)	16203	3	12,300	-9,458	-4,478	-1,519	4,729
	16204	4	12,300	-9,711	-4,471	-1,518	4,722
	16205	5	12,300	-9,964	-4,463	-1,516	4,714
EmbeddedBeamRow_2_1	16205	1	12,300	-9,964	-4,463	-1,516	4,714
Element 2-29 (Embedded beam row)	16206	2	12,300	-10,217	-4,454	-1,514	4,705
(palo 1500)	16207	3	12,300	-10,470	-4,445	-1,513	4,695
	16208	4	12,300	-10,723	-4,435	-1,511	4,685
	16209	5	12,300	-10,976	-4,424	-1,509	4,674
EmbeddedBeamRow_2_1	16209	1	12,300	-10,976	-4,424	-1,509	4,674
Element 2-30 (Embedded beam row)	16210	2	12,300	-11,229	-4,412	-1,507	4,662
(palo 1500)	16211	3	12,300	-11,482	-4,400	-1,505	4,650
	16212	4	12,300	-11,735	-4,387	-1,503	4,637
	16213	5	12,300	-11,988	-4,373	-1,501	4,624
EmbeddedBeamRow_2_1	16213	1	12,300	-11,988	-4,373	-1,501	4,624
Element 2-31 (Embedded beam row)	16214	2	12,300	-12,241	-4,359	-1,499	4,609
(palo 1500)	16215	3	12,300	-12,494	-4,344	-1,497	4,594

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	16216	4	12,300	-12,747	-4,328	-1,495	4,579
	16217	5	12,300	-13,000	-4,312	-1,493	4,563
EmbeddedBeamRow_2_1	16217	1	12,300	-13,000	-4,312	-1,493	4,563
Element 2-32 (Embedded beam row)	16218	2	12,300	-13,241	-4,296	-1,491	4,547
(palo 1500)	16219	3	12,300	-13,482	-4,279	-1,488	4,531
	16220	4	12,300	-13,723	-4,262	-1,486	4,514
	16221	5	12,300	-13,964	-4,244	-1,484	4,496
EmbeddedBeamRow_2_1	16221	1	12,300	-13,964	-4,244	-1,484	4,496
Element 2-33 (Embedded beam row)	16222	2	12,300	-14,209	-4,225	-1,482	4,478
(palo 1500)	16223	3	12,300	-14,453	-4,206	-1,480	4,459
	16224	4	12,300	-14,698	-4,186	-1,477	4,439
	16225	5	12,300	-14,943	-4,166	-1,475	4,419
EmbeddedBeamRow_2_1	16225	1	12,300	-14,943	-4,166	-1,475	4,419
Element 2-34 (Embedded beam row)	16226	2	12,300	-15,192	-4,144	-1,473	4,398
(palo 1500)	16227	3	12,300	-15,441	-4,122	-1,470	4,377
	16228	4	12,300	-15,690	-4,100	-1,468	4,355
	16229	5	12,300	-15,938	-4,077	-1,465	4,332
EmbeddedBeamRow_2_1	16229	1	12,300	-15,938	-4,077	-1,465	4,332
Element 2-35 (Embedded beam row)	16230	2	12,300	-16,191	-4,053	-1,463	4,308
(palo 1500)	16231	3	12,300	-16,444	-4,028	-1,460	4,284
	16232	4	12,300	-16,697	-4,002	-1,457	4,259
	16233	5	12,300	-16,950	-3,976	-1,455	4,234
EmbeddedBeamRow_2_1	16233	1	12,300	-16,950	-3,976	-1,455	4,234
Element 2-36 (Embedded beam row)	16234	2	12,300	-17,206	-3,949	-1,452	4,207
(palo 1500)	16235	3	12,300	-17,463	-3,921	-1,449	4,180
	16236	4	12,300	-17,720	-3,892	-1,447	4,153

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	16237	5	12,300	-17,977	-3,863	-1,444	4,124
EmbeddedBeamRow_2_1	16237	1	12,300	-17,977	-3,863	-1,444	4,124
Element 2-37 (Embedded beam row)	16238	2	12,300	-18,238	-3,833	-1,441	4,095
(palo 1500)	16239	3	12,300	-18,499	-3,802	-1,439	4,065
	16240	4	12,300	-18,760	-3,770	-1,436	4,034
	16241	5	12,300	-19,021	-3,737	-1,433	4,002
EmbeddedBeamRow_2_1	16241	1	12,300	-19,021	-3,737	-1,433	4,002
Element 2-38 (Embedded beam row)	16242	2	12,300	-19,286	-3,703	-1,430	3,970
(palo 1500)	16243	3	12,300	-19,551	-3,669	-1,427	3,937
	16244	4	12,300	-19,817	-3,633	-1,424	3,903
	16245	5	12,300	-20,082	-3,597	-1,422	3,868
EmbeddedBeamRow_2_1	16245	1	12,300	-20,082	-3,597	-1,422	3,868
Element 2-39 (Embedded beam row)	16246	2	12,300	-20,351	-3,560	-1,419	3,832
(palo 1500)	16247	3	12,300	-20,621	-3,521	-1,416	3,795
	16248	4	12,300	-20,890	-3,482	-1,413	3,758
	16249	5	12,300	-21,160	-3,443	-1,410	3,720
EmbeddedBeamRow_2_1	16249	1	12,300	-21,160	-3,443	-1,410	3,720
Element 2-40 (Embedded beam row)	16250	2	12,300	-21,433	-3,401	-1,407	3,681
(palo 1500)	16251	3	12,300	-21,707	-3,359	-1,405	3,641
	16252	4	12,300	-21,981	-3,317	-1,402	3,601
	16253	5	12,300	-22,255	-3,273	-1,399	3,560
EmbeddedBeamRow_2_1	16253	1	12,300	-22,255	-3,273	-1,399	3,560
Element 2-41 (Embedded beam row)	16254	2	12,300	-22,533	-3,228	-1,396	3,517
(palo 1500)	16255	3	12,300	-22,811	-3,183	-1,393	3,474
	16256	4	12,300	-23,089	-3,136	-1,391	3,431
	16257	5	12,300	-23,367	-3,089	-1,388	3,387

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
EmbeddedBeamRow_2_1	16257	1	12,300	-23,367	-3,089	-1,388	3,387
Element 2-42 (Embedded beam row)	16258	2	12,300	-23,650	-3,041	-1,385	3,341
(palo 1500)	16259	3	12,300	-23,933	-2,991	-1,382	3,295
	16260	4	12,300	-24,215	-2,941	-1,380	3,249
	16261	5	12,300	-24,498	-2,891	-1,377	3,202
EmbeddedBeamRow_2_1	16261	1	12,300	-24,498	-2,891	-1,377	3,202
Element 2-43 (Embedded beam row)	16262	2	12,300	-24,785	-2,839	-1,374	3,154
(palo 1500)	16263	3	12,300	-25,072	-2,786	-1,372	3,106
	16264	4	12,300	-25,360	-2,733	-1,369	3,057
	16265	5	12,300	-25,647	-2,680	-1,367	3,008
EmbeddedBeamRow_2_1	16265	1	12,300	-25,647	-2,680	-1,367	3,008
Element 2-44 (Embedded beam row)	16266	2	12,300	-25,939	-2,625	-1,364	2,958
(palo 1500)	16267	3	12,300	-26,230	-2,569	-1,362	2,908
	16268	4	12,300	-26,522	-2,513	-1,359	2,857
	16269	5	12,300	-26,814	-2,457	-1,357	2,807
EmbeddedBeamRow_2_1	16269	1	12,300	-26,814	-2,457	-1,357	2,807
Element 2-45 (Embedded beam row)	16270	2	12,300	-27,110	-2,400	-1,355	2,756
(palo 1500)	16271	3	12,300	-27,407	-2,342	-1,353	2,705
	16272	4	12,300	-27,703	-2,284	-1,350	2,653
	16273	5	12,300	-28,000	-2,226	-1,348	2,602
EmbeddedBeamRow_2_1	16273	1	12,300	-28,000	-2,226	-1,348	2,602
Element 2-46 (Embedded beam row)	16274	2	12,300	-28,468	-2,134	-1,345	2,523
(palo 1500)	16275	3	12,300	-28,935	-2,042	-1,342	2,444
	16276	4	12,300	-29,403	-1,950	-1,339	2,366
	16277	5	12,300	-29,870	-1,858	-1,337	2,289

3.3.1.2.1.9 Calculation results, Embedded beam row, plinto + pali [Phase_8] (8/31), Table of relative total displacements

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
EmbeddedBeamRow_1_1	16092	1	4,500	-5,870	0,000	0,000	0,000
Element 1-1 (Embedded beam row)	16093	2	4,500	-6,009	13,877	0,000	0,000
(palo 1500)	16094	3	4,500	-6,147	29,197	0,000	0,000
	16095	4	4,500	-6,286	36,635	0,000	0,000
	16096	5	4,500	-6,424	38,160	0,000	0,000
EmbeddedBeamRow_1_1	16096	1	4,500	-6,424	38,160	0,000	0,000
Element 1-2 (Embedded beam row)	16097	2	4,500	-6,614	53,933	0,000	0,000
(palo 1500)	16098	3	4,500	-6,803	66,027	0,000	0,000
	16099	4	4,500	-6,992	75,012	0,000	0,000
	16100	5	4,500	-7,181	81,425	0,000	0,000
EmbeddedBeamRow_1_1	16100	1	4,500	-7,181	81,425	0,000	0,000
Element 1-3 (Embedded beam row)	16101	2	4,500	-7,379	86,367	0,000	0,000
(palo 1500)	16102	3	4,500	-7,576	89,671	0,000	0,000
	16103	4	4,500	-7,773	91,738	0,000	0,000
	16104	5	4,500	-7,971	92,743	0,000	0,000
EmbeddedBeamRow_1_1	16104	1	4,500	-7,971	92,743	0,000	0,000
Element 1-4 (Embedded beam row)	16105	2	4,500	-8,177	92,868	0,000	0,000
(palo 1500)	16106	3	4,500	-8,383	92,161	0,000	0,000
	16107	4	4,500	-8,589	90,747	0,000	0,000
	16108	5	4,500	-8,794	88,723	0,000	0,000
EmbeddedBeamRow_1_1	16108	1	4,500	-8,794	88,723	0,000	0,000
Element 1-5 (Embedded beam row)	16109	2	4,500	-9,009	86,034	0,000	0,000
(palo 1500)	16110	3	4,500	-9,224	82,827	0,000	0,000

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
	16111	4	4,500	-9,439	79,153	0,000	0,000
	16112	5	4,500	-9,654	75,062	0,000	0,000
EmbeddedBeamRow_1_1	16112	1	4,500	-9,654	75,062	0,000	0,000
Element 1-6 (Embedded beam row)	16113	2	4,500	-9,878	70,383	0,000	0,000
(palo 1500)	16114	3	4,500	-10,102	65,320	0,000	0,000
	16115	4	4,500	-10,326	59,897	0,000	0,000
	16116	5	4,500	-10,550	54,152	0,000	0,000
EmbeddedBeamRow_1_1	16116	1	4,500	-10,550	54,152	0,000	0,000
Element 1-7 (Embedded beam row)	16117	2	4,500	-10,783	47,786	0,000	0,000
(palo 1500)	16118	3	4,500	-11,017	41,171	0,000	0,000
	16119	4	4,500	-11,251	34,188	0,000	0,000
	16120	5	4,500	-11,484	27,452	0,000	0,000
EmbeddedBeamRow_1_1	16120	1	4,500	-11,484	27,452	0,000	0,000
Element 1-8 (Embedded beam row)	16121	2	4,500	-11,732	25,912	0,000	0,000
(palo 1500)	16122	3	4,500	-11,980	23,982	0,000	0,000
	16123	4	4,500	-12,227	21,862	0,000	0,000
	16124	5	4,500	-12,475	19,694	0,000	0,000
EmbeddedBeamRow_1_1	16124	1	4,500	-12,475	19,694	0,000	0,000
Element 1-9 (Embedded beam row)	16125	2	4,500	-12,726	17,539	0,000	0,000
(palo 1500)	16126	3	4,500	-12,978	15,419	0,000	0,000
	16127	4	4,500	-13,229	13,362	0,000	0,000
	16128	5	4,500	-13,480	11,374	0,000	0,000
EmbeddedBeamRow_1_1	16128	1	4,500	-13,480	11,374	0,000	0,000
Element 1-10 (Embedded beam row)	16129	2	4,500	-13,735	9,436	0,000	0,000
(palo 1500)	16130	3	4,500	-13,990	7,576	0,000	0,000
	16131	4	4,500	-14,246	5,794	0,000	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
	16132	5	4,500	-14,501	4,086	0,000	0,000
EmbeddedBeamRow_1_1	16132	1	4,500	-14,501	4,086	0,000	0,000
Element 1-11 (Embedded beam row)	16133	2	4,500	-14,760	2,425	0,000	0,000
(palo 1500)	16134	3	4,500	-15,018	0,829	0,000	0,000
	16135	4	4,500	-15,277	-0,708	0,000	0,000
	16136	5	4,500	-15,536	-2,193	0,000	0,000
EmbeddedBeamRow_1_1	16136	1	4,500	-15,536	-2,193	0,000	0,000
Element 1-12 (Embedded beam row)	16137	2	4,500	-15,799	-3,652	0,000	0,000
(palo 1500)	16138	3	4,500	-16,062	-5,071	0,000	0,000
	16139	4	4,500	-16,325	-6,453	0,000	0,000
	16140	5	4,500	-16,587	-7,803	0,000	0,000
EmbeddedBeamRow_1_1	16140	1	4,500	-16,587	-7,803	0,000	0,000
Element 1-13 (Embedded beam row)	16141	2	4,500	-16,854	-9,142	0,000	0,000
(palo 1500)	16142	3	4,500	-17,121	-10,451	0,000	0,000
	16143	4	4,500	-17,387	-11,727	0,000	0,000
	16144	5	4,500	-17,654	-12,967	0,000	0,000
EmbeddedBeamRow_1_1	16144	1	4,500	-17,654	-12,967	0,000	0,000
Element 1-14 (Embedded beam row)	16145	2	4,500	-17,925	-14,183	0,000	0,000
(palo 1500)	16146	3	4,500	-18,195	-15,350	0,000	0,000
	16147	4	4,500	-18,466	-16,461	0,000	0,000
	16148	5	4,500	-18,737	-17,511	0,000	0,000
EmbeddedBeamRow_1_1	16148	1	4,500	-18,737	-17,511	0,000	0,000
Element 1-15 (Embedded beam row)	16149	2	4,500	-19,011	-18,518	0,000	0,000
(palo 1500)	16150	3	4,500	-19,286	-19,479	-0,001	0,001
	16151	4	4,500	-19,561	-20,379	-0,001	0,001
	16152	5	4,500	-19,836	-21,204	-0,001	0,001

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
EmbeddedBeamRow_1_1	16152	1	4,500	-19,836	-21,204	-0,001	0,001
Element 1-16 (Embedded beam row)	16153	2	4,500	-20,114	-21,966	-0,001	0,001
(palo 1500)	16154	3	4,500	-20,393	-22,637	-0,001	0,001
	16155	4	4,500	-20,672	-23,210	-0,001	0,001
	16156	5	4,500	-20,951	-23,689	-0,001	0,001
EmbeddedBeamRow_1_1	16156	1	4,500	-20,951	-23,689	-0,001	0,001
Element 1-17 (Embedded beam row)	16157	2	4,500	-21,234	-24,084	-0,001	0,001
(palo 1500)	16158	3	4,500	-21,517	-24,388	-0,001	0,001
	16159	4	4,500	-21,800	-24,603	-0,001	0,001
	16160	5	4,500	-22,083	-24,729	-0,001	0,001
EmbeddedBeamRow_1_1	16160	1	4,500	-22,083	-24,729	-0,001	0,001
Element 1-18 (Embedded beam row)	16161	2	4,500	-22,370	-24,769	-0,001	0,001
(palo 1500)	16162	3	4,500	-22,657	-24,675	-0,001	0,001
	16163	4	4,500	-22,944	-24,420	-0,001	0,001
	16164	5	4,500	-23,231	-23,945	-0,001	0,001
EmbeddedBeamRow_1_1	16164	1	4,500	-23,231	-23,945	-0,001	0,001
Element 1-19 (Embedded beam row)	16165	2	4,500	-23,523	-23,137	-0,001	0,001
(palo 1500)	16166	3	4,500	-23,814	-21,878	-0,001	0,001
	16167	4	4,500	-24,106	-20,117	-0,001	0,001
	16168	5	4,500	-24,397	-18,022	-0,001	0,001
EmbeddedBeamRow_1_1	16168	1	4,500	-24,397	-18,022	-0,001	0,001
Element 1-20 (Embedded beam row)	16169	2	4,500	-24,693	-15,697	-0,001	0,001
(palo 1500)	16170	3	4,500	-24,989	-13,189	-0,001	0,001
	16171	4	4,500	-25,285	-10,491	-0,001	0,001
	16172	5	4,500	-25,580	-7,600	-0,001	0,001
EmbeddedBeamRow_1_1	16172	1	4,500	-25,580	-7,600	-0,001	0,001

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
Element 1-21 (Embedded beam row)	16173	2	4,500	-25,881	-4,482	-0,001	0,001
(palo 1500)	16174	3	4,500	-26,181	-1,226	-0,001	0,001
	16175	4	4,500	-26,481	2,147	-0,001	0,001
	16176	5	4,500	-26,781	5,645	-0,001	0,001
EmbeddedBeamRow_1_1	16176	1	4,500	-26,781	5,645	-0,001	0,001
Element 1-22 (Embedded beam row)	16177	2	4,500	-27,086	9,106	-0,001	0,001
(palo 1500)	16178	3	4,500	-27,391	12,662	-0,001	0,001
	16179	4	4,500	-27,695	15,991	-0,001	0,001
	16180	5	4,500	-28,000	18,992	-0,001	0,001
EmbeddedBeamRow_1_1	16180	1	4,500	-28,000	18,992	-0,001	0,001
Element 1-23 (Embedded beam row)	16181	2	4,500	-28,468	21,434	-0,001	0,001
(palo 1500)	16182	3	4,500	-28,935	25,378	-0,001	0,001
	16183	4	4,500	-29,403	29,427	-0,001	0,001
	16184	5	4,500	-29,870	24,825	-0,001	0,001
EmbeddedBeamRow_2_1	16185	1	12,300	-5,870	0,000	0,000	0,000
Element 2-24 (Embedded beam row)	16186	2	12,300	-5,979	11,250	0,000	0,000
(palo 1500)	16187	3	12,300	-6,088	1,077	0,000	0,000
	16188	4	12,300	-6,197	-9,070	0,000	0,000
	16189	5	12,300	-6,306	-16,580	0,000	0,000
EmbeddedBeamRow_2_1	16189	1	12,300	-6,306	-16,580	0,000	0,000
Element 2-25 (Embedded beam row)	16190	2	12,300	-6,470	-27,266	0,000	0,000
(palo 1500)	16191	3	12,300	-6,633	-35,521	0,000	0,000
	16192	4	12,300	-6,796	-41,732	0,000	0,000
	16193	5	12,300	-6,960	-46,091	0,000	0,000
EmbeddedBeamRow_2_1	16193	1	12,300	-6,960	-46,091	0,000	0,000
Element 2-26 (Embedded beam row)	16194	2	12,300	-7,205	-49,192	0,000	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
(palo 1500)	16195	3	12,300	-7,450	-48,298	0,000	0,000
	16196	4	12,300	-7,695	-42,905	0,000	0,000
	16197	5	12,300	-7,940	-30,210	0,000	0,000
EmbeddedBeamRow_2_1	16197	1	12,300	-7,940	-30,210	0,000	0,000
Element 2-27 (Embedded beam row)	16198	2	12,300	-8,193	-36,129	0,000	0,000
(palo 1500)	16199	3	12,300	-8,446	-39,840	0,000	0,000
	16200	4	12,300	-8,699	-42,770	0,000	0,000
	16201	5	12,300	-8,952	-44,912	0,000	0,000
EmbeddedBeamRow_2_1	16201	1	12,300	-8,952	-44,912	0,000	0,000
Element 2-28 (Embedded beam row)	16202	2	12,300	-9,205	-46,113	0,000	0,000
(palo 1500)	16203	3	12,300	-9,458	-46,567	0,000	0,000
	16204	4	12,300	-9,711	-46,291	0,000	0,000
	16205	5	12,300	-9,964	-45,331	0,000	0,000
EmbeddedBeamRow_2_1	16205	1	12,300	-9,964	-45,331	0,000	0,000
Element 2-29 (Embedded beam row)	16206	2	12,300	-10,217	-43,716	0,000	0,000
(palo 1500)	16207	3	12,300	-10,470	-41,486	0,000	0,000
	16208	4	12,300	-10,723	-38,631	0,000	0,000
	16209	5	12,300	-10,976	-35,188	0,000	0,000
EmbeddedBeamRow_2_1	16209	1	12,300	-10,976	-35,188	0,000	0,000
Element 2-30 (Embedded beam row)	16210	2	12,300	-11,229	-31,141	0,000	0,000
(palo 1500)	16211	3	12,300	-11,482	-26,473	0,000	0,000
	16212	4	12,300	-11,735	-21,163	0,000	0,000
	16213	5	12,300	-11,988	-15,147	0,000	0,000
EmbeddedBeamRow_2_1	16213	1	12,300	-11,988	-15,147	0,000	0,000
Element 2-31 (Embedded beam row)	16214	2	12,300	-12,241	-8,453	0,000	0,000
(palo 1500)	16215	3	12,300	-12,494	-0,877	0,000	0,000

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
	16216	4	12,300	-12,747	7,793	0,000	0,000
	16217	5	12,300	-13,000	17,789	0,000	0,000
EmbeddedBeamRow_2_1	16217	1	12,300	-13,000	17,789	0,000	0,000
Element 2-32 (Embedded beam row)	16218	2	12,300	-13,241	18,214	0,000	0,000
(palo 1500)	16219	3	12,300	-13,482	17,696	0,000	0,000
	16220	4	12,300	-13,723	17,196	0,000	0,000
	16221	5	12,300	-13,964	16,579	0,000	0,000
EmbeddedBeamRow_2_1	16221	1	12,300	-13,964	16,579	0,000	0,000
Element 2-33 (Embedded beam row)	16222	2	12,300	-14,209	15,975	0,000	0,000
(palo 1500)	16223	3	12,300	-14,453	15,391	0,000	0,000
	16224	4	12,300	-14,698	14,850	0,000	0,000
	16225	5	12,300	-14,943	14,348	-0,001	0,001
EmbeddedBeamRow_2_1	16225	1	12,300	-14,943	14,348	-0,001	0,001
Element 2-34 (Embedded beam row)	16226	2	12,300	-15,192	13,888	-0,001	0,001
(palo 1500)	16227	3	12,300	-15,441	13,475	-0,001	0,001
	16228	4	12,300	-15,690	13,109	-0,001	0,001
	16229	5	12,300	-15,938	12,787	-0,001	0,001
EmbeddedBeamRow_2_1	16229	1	12,300	-15,938	12,787	-0,001	0,001
Element 2-35 (Embedded beam row)	16230	2	12,300	-16,191	12,502	-0,001	0,001
(palo 1500)	16231	3	12,300	-16,444	12,257	-0,001	0,001
	16232	4	12,300	-16,697	12,046	-0,001	0,001
	16233	5	12,300	-16,950	11,865	-0,001	0,001
EmbeddedBeamRow_2_1	16233	1	12,300	-16,950	11,865	-0,001	0,001
Element 2-36 (Embedded beam row)	16234	2	12,300	-17,206	11,708	-0,001	0,001
(palo 1500)	16235	3	12,300	-17,463	11,571	-0,001	0,001
	16236	4	12,300	-17,720	11,449	-0,001	0,001

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
	16237	5	12,300	-17,977	11,335	-0,001	0,001
EmbeddedBeamRow_2_1	16237	1	12,300	-17,977	11,335	-0,001	0,001
Element 2-37 (Embedded beam row)	16238	2	12,300	-18,238	11,223	-0,001	0,001
(palo 1500)	16239	3	12,300	-18,499	11,106	-0,001	0,001
	16240	4	12,300	-18,760	10,977	-0,001	0,001
	16241	5	12,300	-19,021	10,830	-0,001	0,001
EmbeddedBeamRow_2_1	16241	1	12,300	-19,021	10,830	-0,001	0,001
Element 2-38 (Embedded beam row)	16242	2	12,300	-19,286	10,653	-0,001	0,001
(palo 1500)	16243	3	12,300	-19,551	10,441	-0,001	0,001
	16244	4	12,300	-19,817	10,185	-0,001	0,001
	16245	5	12,300	-20,082	9,879	-0,001	0,001
EmbeddedBeamRow_2_1	16245	1	12,300	-20,082	9,879	-0,001	0,001
Element 2-39 (Embedded beam row)	16246	2	12,300	-20,351	9,504	-0,001	0,001
(palo 1500)	16247	3	12,300	-20,621	9,064	-0,001	0,001
	16248	4	12,300	-20,890	8,542	-0,001	0,001
	16249	5	12,300	-21,160	7,938	-0,001	0,001
EmbeddedBeamRow_2_1	16249	1	12,300	-21,160	7,938	-0,001	0,001
Element 2-40 (Embedded beam row)	16250	2	12,300	-21,433	7,227	-0,001	0,001
(palo 1500)	16251	3	12,300	-21,707	6,415	-0,001	0,001
	16252	4	12,300	-21,981	5,500	-0,001	0,001
	16253	5	12,300	-22,255	4,474	-0,001	0,001
EmbeddedBeamRow_2_1	16253	1	12,300	-22,255	4,474	-0,001	0,001
Element 2-41 (Embedded beam row)	16254	2	12,300	-22,533	3,313	-0,001	0,001
(palo 1500)	16255	3	12,300	-22,811	2,035	-0,001	0,001
	16256	4	12,300	-23,089	0,635	-0,001	0,001
	16257	5	12,300	-23,367	-0,886	-0,001	0,001

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
EmbeddedBeamRow_2_1	16257	1	12,300	-23,367	-0,886	-0,001	0,001
Element 2-42 (Embedded beam row)	16258	2	12,300	-23,650	-2,555	-0,001	0,001
(palo 1500)	16259	3	12,300	-23,933	-4,348	-0,001	0,001
	16260	4	12,300	-24,215	-6,266	-0,001	0,001
	16261	5	12,300	-24,498	-8,307	-0,001	0,001
EmbeddedBeamRow_2_1	16261	1	12,300	-24,498	-8,307	-0,001	0,001
Element 2-43 (Embedded beam row)	16262	2	12,300	-24,785	-10,503	-0,001	0,001
(palo 1500)	16263	3	12,300	-25,072	-12,833	-0,001	0,001
	16264	4	12,300	-25,360	-15,262	-0,001	0,001
	16265	5	12,300	-25,647	-17,698	-0,001	0,001
EmbeddedBeamRow_2_1	16265	1	12,300	-25,647	-17,698	-0,001	0,001
Element 2-44 (Embedded beam row)	16266	2	12,300	-25,939	-19,731	-0,001	0,001
(palo 1500)	16267	3	12,300	-26,230	-21,093	-0,001	0,001
	16268	4	12,300	-26,522	-21,737	-0,001	0,001
	16269	5	12,300	-26,814	-21,500	-0,001	0,001
EmbeddedBeamRow_2_1	16269	1	12,300	-26,814	-21,500	-0,001	0,001
Element 2-45 (Embedded beam row)	16270	2	12,300	-27,110	-20,723	-0,001	0,001
(palo 1500)	16271	3	12,300	-27,407	-18,983	-0,001	0,001
	16272	4	12,300	-27,703	-16,054	-0,001	0,001
	16273	5	12,300	-28,000	-11,427	-0,001	0,001
EmbeddedBeamRow_2_1	16273	1	12,300	-28,000	-11,427	-0,001	0,001
Element 2-46 (Embedded beam row)	16274	2	12,300	-28,468	-3,989	-0,001	0,001
(palo 1500)	16275	3	12,300	-28,935	9,212	-0,001	0,001
	16276	4	12,300	-29,403	34,825	-0,001	0,001
	16277	5	12,300	-29,870	80,062	-0,001	0,001

3.3.1.2.1.10 Calculation results, Embedded beam row, Versante - fase B [Phase_10] (10/34), Table of relative total displacements

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
EmbeddedBeamRow_1_1	16092	1	4,500	-5,870	0,000	0,000	0,000
Element 1-1 (Embedded beam row)	16093	2	4,500	-6,009	-179,504	340,239	0,000
(palo 1500)	16094	3	4,500	-6,147	-244,104	515,574	0,001
	16095	4	4,500	-6,286	-260,392	641,322	0,001
	16096	5	4,500	-6,424	-244,288	779,218	0,001
EmbeddedBeamRow_1_1	16096	1	4,500	-6,424	-244,288	779,218	0,001
Element 1-2 (Embedded beam row)	16097	2	4,500	-6,614	-237,315	801,289	0,001
(palo 1500)	16098	3	4,500	-6,803	-221,664	821,794	0,001
	16099	4	4,500	-6,992	-200,737	838,774	0,001
	16100	5	4,500	-7,181	-175,327	851,877	0,001
EmbeddedBeamRow_1_1	16100	1	4,500	-7,181	-175,327	851,877	0,001
Element 1-3 (Embedded beam row)	16101	2	4,500	-7,379	-145,770	861,586	0,001
(palo 1500)	16102	3	4,500	-7,576	-113,728	867,153	0,001
	16103	4	4,500	-7,773	-80,151	868,612	0,001
	16104	5	4,500	-7,971	-45,750	866,104	0,001
EmbeddedBeamRow_1_1	16104	1	4,500	-7,971	-45,750	866,104	0,001
Element 1-4 (Embedded beam row)	16105	2	4,500	-8,177	-9,744	859,520	0,001
(palo 1500)	16106	3	4,500	-8,383	25,772	849,104	0,001
	16107	4	4,500	-8,589	60,188	835,134	0,001
	16108	5	4,500	-8,794	93,020	817,926	0,001
EmbeddedBeamRow_1_1	16108	1	4,500	-8,794	93,020	817,926	0,001
Element 1-5 (Embedded beam row)	16109	2	4,500	-9,009	125,088	796,896	0,001
(palo 1500)	16110	3	4,500	-9,224	154,560	773,094	0,001

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
	16111	4	4,500	-9,439	181,062	746,914	0,001
	16112	5	4,500	-9,654	204,366	718,768	0,001
EmbeddedBeamRow_1_1	16112	1	4,500	-9,654	204,366	718,768	0,001
Element 1-6 (Embedded beam row)	16113	2	4,500	-9,878	225,040	687,737	0,001
(palo 1500)	16114	3	4,500	-10,102	241,912	655,493	0,001
	16115	4	4,500	-10,326	254,956	622,471	0,001
	16116	5	4,500	-10,550	264,255	589,070	0,001
EmbeddedBeamRow_1_1	16116	1	4,500	-10,550	264,255	589,070	0,001
Element 1-7 (Embedded beam row)	16117	2	4,500	-10,783	270,266	554,209	0,001
(palo 1500)	16118	3	4,500	-11,017	272,600	519,677	0,001
	16119	4	4,500	-11,251	271,694	485,654	0,001
	16120	5	4,500	-11,484	266,881	451,622	0,001
EmbeddedBeamRow_1_1	16120	1	4,500	-11,484	266,881	451,622	0,001
Element 1-8 (Embedded beam row)	16121	2	4,500	-11,732	260,615	415,620	0,000
(palo 1500)	16122	3	4,500	-11,980	252,845	381,576	0,000
	16123	4	4,500	-12,227	243,441	348,965	0,000
	16124	5	4,500	-12,475	232,581	317,582	0,000
EmbeddedBeamRow_1_1	16124	1	4,500	-12,475	232,581	317,582	0,000
Element 1-9 (Embedded beam row)	16125	2	4,500	-12,726	220,157	287,037	0,000
(palo 1500)	16126	3	4,500	-12,978	206,709	257,776	0,000
	16127	4	4,500	-13,229	192,444	229,783	0,000
	16128	5	4,500	-13,480	177,603	203,023	0,000
EmbeddedBeamRow_1_1	16128	1	4,500	-13,480	177,603	203,023	0,000
Element 1-10 (Embedded beam row)	16129	2	4,500	-13,735	162,154	177,073	0,000
(palo 1500)	16130	3	4,500	-13,990	146,512	152,292	0,000
	16131	4	4,500	-14,246	130,843	128,629	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
	16132	5	4,500	-14,501	115,293	106,027	0,000
EmbeddedBeamRow_1_1	16132	1	4,500	-14,501	115,293	106,027	0,000
Element 1-11 (Embedded beam row)	16133	2	4,500	-14,760	99,760	84,113	0,000
(palo 1500)	16134	3	4,500	-15,018	84,591	63,176	0,000
	16135	4	4,500	-15,277	69,881	43,165	0,000
	16136	5	4,500	-15,536	55,707	24,028	0,000
EmbeddedBeamRow_1_1	16136	1	4,500	-15,536	55,707	24,028	0,000
Element 1-12 (Embedded beam row)	16137	2	4,500	-15,799	41,947	5,455	0,000
(palo 1500)	16138	3	4,500	-16,062	28,872	-12,306	0,000
	16139	4	4,500	-16,325	16,546	-29,289	0,000
	16140	5	4,500	-16,587	5,012	-45,526	0,000
EmbeddedBeamRow_1_1	16140	1	4,500	-16,587	5,012	-45,526	0,000
Element 1-13 (Embedded beam row)	16141	2	4,500	-16,854	-5,822	-61,273	0,000
(palo 1500)	16142	3	4,500	-17,121	-15,734	-76,310	0,000
	16143	4	4,500	-17,387	-24,659	-90,663	0,000
	16144	5	4,500	-17,654	-32,549	-104,365	0,000
EmbeddedBeamRow_1_1	16144	1	4,500	-17,654	-32,549	-104,365	0,000
Element 1-14 (Embedded beam row)	16145	2	4,500	-17,925	-39,427	-117,645	0,000
(palo 1500)	16146	3	4,500	-18,195	-45,112	-130,342	0,000
	16147	4	4,500	-18,466	-49,538	-142,516	0,000
	16148	5	4,500	-18,737	-52,661	-154,246	0,000
EmbeddedBeamRow_1_1	16148	1	4,500	-18,737	-52,661	-154,246	0,000
Element 1-15 (Embedded beam row)	16149	2	4,500	-19,011	-54,443	-165,806	0,000
(palo 1500)	16150	3	4,500	-19,286	-54,822	-177,122	0,000
	16151	4	4,500	-19,561	-53,808	-188,296	0,000
	16152	5	4,500	-19,836	-51,478	-199,457	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
EmbeddedBeamRow_1_1	16152	1	4,500	-19,836	-51,478	-199,457	0,000
Element 1-16 (Embedded beam row)	16153	2	4,500	-20,114	-47,832	-210,901	0,000
(palo 1500)	16154	3	4,500	-20,393	-43,057	-222,608	0,000
	16155	4	4,500	-20,672	-37,309	-234,690	0,000
	16156	5	4,500	-20,951	-30,786	-247,228	0,000
EmbeddedBeamRow_1_1	16156	1	4,500	-20,951	-30,786	-247,228	0,000
Element 1-17 (Embedded beam row)	16157	2	4,500	-21,234	-23,582	-260,471	0,000
(palo 1500)	16158	3	4,500	-21,517	-16,022	-274,258	0,000
	16159	4	4,500	-21,800	-8,334	-288,573	0,000
	16160	5	4,500	-22,083	-0,718	-303,363	0,000
EmbeddedBeamRow_1_1	16160	1	4,500	-22,083	-0,718	-303,363	0,000
Element 1-18 (Embedded beam row)	16161	2	4,500	-22,370	6,735	-318,770	0,000
(palo 1500)	16162	3	4,500	-22,657	13,739	-334,486	0,000
	16163	4	4,500	-22,944	20,137	-350,395	0,000
	16164	5	4,500	-23,231	25,809	-366,387	0,000
EmbeddedBeamRow_1_1	16164	1	4,500	-23,231	25,809	-366,387	0,000
Element 1-19 (Embedded beam row)	16165	2	4,500	-23,523	30,721	-382,592	0,000
(palo 1500)	16166	3	4,500	-23,814	34,702	-398,671	0,000
	16167	4	4,500	-24,106	37,675	-414,537	0,000
	16168	5	4,500	-24,397	39,601	-430,117	0,000
EmbeddedBeamRow_1_1	16168	1	4,500	-24,397	39,601	-430,117	0,000
Element 1-20 (Embedded beam row)	16169	2	4,500	-24,693	40,424	-445,582	0,000
(palo 1500)	16170	3	4,500	-24,989	40,073	-460,638	0,000
	16171	4	4,500	-25,285	38,487	-475,236	0,000
	16172	5	4,500	-25,580	35,621	-489,332	0,000
EmbeddedBeamRow_1_1	16172	1	4,500	-25,580	35,621	-489,332	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
Element 1-21 (Embedded beam row)	16173	2	4,500	-25,881	31,341	-503,085	0,001
(palo 1500)	16174	3	4,500	-26,181	25,622	-516,231	0,001
	16175	4	4,500	-26,481	18,373	-528,706	0,001
	16176	5	4,500	-26,781	9,528	-540,435	0,001
EmbeddedBeamRow_1_1	16176	1	4,500	-26,781	9,528	-540,435	0,001
Element 1-22 (Embedded beam row)	16177	2	4,500	-27,086	-1,242	-551,550	0,001
(palo 1500)	16178	3	4,500	-27,391	-13,866	-561,562	0,001
	16179	4	4,500	-27,695	-28,537	-570,294	0,001
	16180	5	4,500	-28,000	-45,406	-577,312	0,001
EmbeddedBeamRow_1_1	16180	1	4,500	-28,000	-45,406	-577,312	0,001
Element 1-23 (Embedded beam row)	16181	2	4,500	-28,468	-76,167	-586,361	0,001
(palo 1500)	16182	3	4,500	-28,935	-113,384	-589,275	0,001
	16183	4	4,500	-29,403	-158,292	-577,352	0,001
	16184	5	4,500	-29,870	-212,240	-542,282	0,001
EmbeddedBeamRow_2_1	16185	1	12,300	-5,870	0,000	0,000	0,000
Element 2-24 (Embedded beam row)	16186	2	12,300	-5,979	-45,042	103,597	0,000
(palo 1500)	16187	3	12,300	-6,088	-39,113	166,414	0,000
	16188	4	12,300	-6,197	-29,173	210,921	0,000
	16189	5	12,300	-6,306	-20,326	248,624	0,000
EmbeddedBeamRow_2_1	16189	1	12,300	-6,306	-20,326	248,624	0,000
Element 2-25 (Embedded beam row)	16190	2	12,300	-6,470	-5,913	303,813	0,000
(palo 1500)	16191	3	12,300	-6,633	3,897	355,370	0,000
	16192	4	12,300	-6,796	9,096	406,704	0,000
	16193	5	12,300	-6,960	10,592	459,505	0,000
EmbeddedBeamRow_2_1	16193	1	12,300	-6,960	10,592	459,505	0,000
Element 2-26 (Embedded beam row)	16194	2	12,300	-7,205	6,320	542,353	0,001

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
(palo 1500)	16195	3	12,300	-7,450	-6,431	630,310	0,001
	16196	4	12,300	-7,695	-37,319	746,718	0,001
	16197	5	12,300	-7,940	-110,250	939,601	0,001
EmbeddedBeamRow_2_1	16197	1	12,300	-7,940	-110,250	939,601	0,001
Element 2-27 (Embedded beam row)	16198	2	12,300	-8,193	-112,843	917,511	0,001
(palo 1500)	16199	3	12,300	-8,446	-112,376	902,054	0,001
	16200	4	12,300	-8,699	-110,516	887,781	0,001
	16201	5	12,300	-8,952	-108,063	872,744	0,001
EmbeddedBeamRow_2_1	16201	1	12,300	-8,952	-108,063	872,744	0,001
Element 2-28 (Embedded beam row)	16202	2	12,300	-9,205	-105,358	858,058	0,001
(palo 1500)	16203	3	12,300	-9,458	-102,284	843,016	0,001
	16204	4	12,300	-9,711	-98,970	827,552	0,001
	16205	5	12,300	-9,964	-95,460	811,620	0,001
EmbeddedBeamRow_2_1	16205	1	12,300	-9,964	-95,460	811,620	0,001
Element 2-29 (Embedded beam row)	16206	2	12,300	-10,217	-91,822	795,221	0,001
(palo 1500)	16207	3	12,300	-10,470	-88,119	778,337	0,001
	16208	4	12,300	-10,723	-84,415	760,966	0,001
	16209	5	12,300	-10,976	-80,781	743,119	0,001
EmbeddedBeamRow_2_1	16209	1	12,300	-10,976	-80,781	743,119	0,001
Element 2-30 (Embedded beam row)	16210	2	12,300	-11,229	-77,286	724,818	0,001
(palo 1500)	16211	3	12,300	-11,482	-74,014	706,072	0,001
	16212	4	12,300	-11,735	-71,040	686,897	0,001
	16213	5	12,300	-11,988	-68,493	667,316	0,001
EmbeddedBeamRow_2_1	16213	1	12,300	-11,988	-68,493	667,316	0,001
Element 2-31 (Embedded beam row)	16214	2	12,300	-12,241	-66,390	647,242	0,001
(palo 1500)	16215	3	12,300	-12,494	-64,996	626,849	0,001

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
	16216	4	12,300	-12,747	-64,612	605,800	0,001
	16217	5	12,300	-13,000	-65,797	583,110	0,001
EmbeddedBeamRow_2_1	16217	1	12,300	-13,000	-65,797	583,110	0,001
Element 2-32 (Embedded beam row)	16218	2	12,300	-13,241	-62,025	559,867	0,001
(palo 1500)	16219	3	12,300	-13,482	-57,634	537,469	0,001
	16220	4	12,300	-13,723	-53,408	515,160	0,001
	16221	5	12,300	-13,964	-49,158	492,815	0,000
EmbeddedBeamRow_2_1	16221	1	12,300	-13,964	-49,158	492,815	0,000
Element 2-33 (Embedded beam row)	16222	2	12,300	-14,209	-44,951	470,106	0,000
(palo 1500)	16223	3	12,300	-14,453	-40,852	447,320	0,000
	16224	4	12,300	-14,698	-36,877	424,483	0,000
	16225	5	12,300	-14,943	-33,024	401,610	0,000
EmbeddedBeamRow_2_1	16225	1	12,300	-14,943	-33,024	401,610	0,000
Element 2-34 (Embedded beam row)	16226	2	12,300	-15,192	-29,238	378,338	0,000
(palo 1500)	16227	3	12,300	-15,441	-25,579	355,048	0,000
	16228	4	12,300	-15,690	-22,045	331,754	0,000
	16229	5	12,300	-15,938	-18,630	308,467	0,000
EmbeddedBeamRow_2_1	16229	1	12,300	-15,938	-18,630	308,467	0,000
Element 2-35 (Embedded beam row)	16230	2	12,300	-16,191	-15,278	284,826	0,000
(palo 1500)	16231	3	12,300	-16,444	-12,037	261,218	0,000
	16232	4	12,300	-16,697	-8,901	237,654	0,000
	16233	5	12,300	-16,950	-5,864	214,141	0,000
EmbeddedBeamRow_2_1	16233	1	12,300	-16,950	-5,864	214,141	0,000
Element 2-36 (Embedded beam row)	16234	2	12,300	-17,206	-2,871	190,314	0,000
(palo 1500)	16235	3	12,300	-17,463	0,034	166,556	0,000
	16236	4	12,300	-17,720	2,857	142,874	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
	16237	5	12,300	-17,977	5,603	119,274	0,000
EmbeddedBeamRow_2_1	16237	1	12,300	-17,977	5,603	119,274	0,000
Element 2-37 (Embedded beam row)	16238	2	12,300	-18,238	8,319	95,381	0,000
(palo 1500)	16239	3	12,300	-18,499	10,964	71,580	0,000
	16240	4	12,300	-18,760	13,537	47,872	0,000
	16241	5	12,300	-19,021	16,041	24,260	0,000
EmbeddedBeamRow_2_1	16241	1	12,300	-19,021	16,041	24,260	0,000
Element 2-38 (Embedded beam row)	16242	2	12,300	-19,286	18,510	0,367	0,000
(palo 1500)	16243	3	12,300	-19,551	20,901	-23,426	0,000
	16244	4	12,300	-19,817	23,208	-47,118	0,000
	16245	5	12,300	-20,082	25,422	-70,709	0,000
EmbeddedBeamRow_2_1	16245	1	12,300	-20,082	25,422	-70,709	0,000
Element 2-39 (Embedded beam row)	16246	2	12,300	-20,351	27,565	-94,575	0,000
(palo 1500)	16247	3	12,300	-20,621	29,590	-118,337	0,000
	16248	4	12,300	-20,890	31,478	-141,993	0,000
	16249	5	12,300	-21,160	33,215	-165,544	0,000
EmbeddedBeamRow_2_1	16249	1	12,300	-21,160	33,215	-165,544	0,000
Element 2-40 (Embedded beam row)	16250	2	12,300	-21,433	34,803	-189,364	0,000
(palo 1500)	16251	3	12,300	-21,707	36,192	-213,074	0,000
	16252	4	12,300	-21,981	37,357	-236,672	0,000
	16253	5	12,300	-22,255	38,278	-260,159	0,000
EmbeddedBeamRow_2_1	16253	1	12,300	-22,255	38,278	-260,159	0,000
Element 2-41 (Embedded beam row)	16254	2	12,300	-22,533	38,936	-283,910	0,000
(palo 1500)	16255	3	12,300	-22,811	39,297	-307,547	0,000
	16256	4	12,300	-23,089	39,339	-331,075	0,000
	16257	5	12,300	-23,367	39,052	-354,495	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
EmbeddedBeamRow_2_1	16257	1	12,300	-23,367	39,052	-354,495	0,000
Element 2-42 (Embedded beam row)	16258	2	12,300	-23,650	38,416	-378,184	0,000
(palo 1500)	16259	3	12,300	-23,933	37,436	-401,768	0,000
	16260	4	12,300	-24,215	36,128	-425,241	0,000
	16261	5	12,300	-24,498	34,506	-448,582	0,000
EmbeddedBeamRow_2_1	16261	1	12,300	-24,498	34,506	-448,582	0,000
Element 2-43 (Embedded beam row)	16262	2	12,300	-24,785	32,559	-472,104	0,000
(palo 1500)	16263	3	12,300	-25,072	30,332	-495,444	0,000
	16264	4	12,300	-25,360	27,821	-518,453	0,001
	16265	5	12,300	-25,647	24,886	-540,934	0,001
EmbeddedBeamRow_2_1	16265	1	12,300	-25,647	24,886	-540,934	0,001
Element 2-44 (Embedded beam row)	16266	2	12,300	-25,939	20,834	-563,099	0,001
(palo 1500)	16267	3	12,300	-26,230	15,647	-584,656	0,001
	16268	4	12,300	-26,522	9,315	-605,581	0,001
	16269	5	12,300	-26,814	1,702	-625,754	0,001
EmbeddedBeamRow_2_1	16269	1	12,300	-26,814	1,702	-625,754	0,001
Element 2-45 (Embedded beam row)	16270	2	12,300	-27,110	-7,181	-645,748	0,001
(palo 1500)	16271	3	12,300	-27,407	-17,757	-664,235	0,001
	16272	4	12,300	-27,703	-29,764	-681,022	0,001
	16273	5	12,300	-28,000	-43,181	-695,558	0,001
EmbeddedBeamRow_2_1	16273	1	12,300	-28,000	-43,181	-695,558	0,001
Element 2-46 (Embedded beam row)	16274	2	12,300	-28,468	-68,960	-717,275	0,001
(palo 1500)	16275	3	12,300	-28,935	-97,825	-727,700	0,001
	16276	4	12,300	-29,403	-123,266	-702,108	0,001
	16277	5	12,300	-29,870	-149,102	-612,879	0,001

3.3.1.2.1.11 Calculation results, Embedded beam row, Versante + SISMA [Phase_12] (11/37), Table of relative total displacements

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
EmbeddedBeamRow_1_1	16092	1	4,500	-5,870	0,000	0,000	0,000
Element 1-1 (Embedded beam row)	16093	2	4,500	-6,009	-228,345	344,738	0,000
(palo 1500)	16094	3	4,500	-6,147	-307,491	517,718	0,001
	16095	4	4,500	-6,286	-330,987	641,485	0,001
	16096	5	4,500	-6,424	-319,265	778,266	0,001
EmbeddedBeamRow_1_1	16096	1	4,500	-6,424	-319,265	778,266	0,001
Element 1-2 (Embedded beam row)	16097	2	4,500	-6,614	-309,203	807,462	0,001
(palo 1500)	16098	3	4,500	-6,803	-291,711	833,817	0,001
	16099	4	4,500	-6,992	-268,967	856,033	0,001
	16100	5	4,500	-7,181	-241,441	874,015	0,001
EmbeddedBeamRow_1_1	16100	1	4,500	-7,181	-241,441	874,015	0,001
Element 1-3 (Embedded beam row)	16101	2	4,500	-7,379	-208,950	888,311	0,001
(palo 1500)	16102	3	4,500	-7,576	-173,553	898,084	0,001
	16103	4	4,500	-7,773	-136,127	903,408	0,001
	16104	5	4,500	-7,971	-97,457	904,405	0,001
EmbeddedBeamRow_1_1	16104	1	4,500	-7,971	-97,457	904,405	0,001
Element 1-4 (Embedded beam row)	16105	2	4,500	-8,177	-56,591	901,081	0,001
(palo 1500)	16106	3	4,500	-8,383	-15,863	893,482	0,001
	16107	4	4,500	-8,589	24,037	881,922	0,001
	16108	5	4,500	-8,794	62,675	866,761	0,001
EmbeddedBeamRow_1_1	16108	1	4,500	-8,794	62,675	866,761	0,001
Element 1-5 (Embedded beam row)	16109	2	4,500	-9,009	100,946	847,449	0,001
(palo 1500)	16110	3	4,500	-9,224	136,892	824,957	0,001

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
	16111	4	4,500	-9,439	170,019	799,692	0,001
	16112	5	4,500	-9,654	199,978	772,077	0,001
EmbeddedBeamRow_1_1	16112	1	4,500	-9,654	199,978	772,077	0,001
Element 1-6 (Embedded beam row)	16113	2	4,500	-9,878	227,647	741,142	0,001
(palo 1500)	16114	3	4,500	-10,102	251,332	708,607	0,001
	16115	4	4,500	-10,326	270,996	674,825	0,001
	16116	5	4,500	-10,550	286,456	640,143	0,001
EmbeddedBeamRow_1_1	16116	1	4,500	-10,550	286,456	640,143	0,001
Element 1-7 (Embedded beam row)	16117	2	4,500	-10,783	298,281	603,534	0,001
(palo 1500)	16118	3	4,500	-11,017	305,637	566,930	0,001
	16119	4	4,500	-11,251	308,973	530,633	0,001
	16120	5	4,500	-11,484	307,586	494,179	0,001
EmbeddedBeamRow_1_1	16120	1	4,500	-11,484	307,586	494,179	0,001
Element 1-8 (Embedded beam row)	16121	2	4,500	-11,732	301,179	456,245	0,001
(palo 1500)	16122	3	4,500	-11,980	292,947	420,428	0,001
	16123	4	4,500	-12,227	282,779	386,162	0,000
	16124	5	4,500	-12,475	270,908	353,226	0,000
EmbeddedBeamRow_1_1	16124	1	4,500	-12,475	270,908	353,226	0,000
Element 1-9 (Embedded beam row)	16125	2	4,500	-12,726	257,226	321,199	0,000
(palo 1500)	16126	3	4,500	-12,978	242,352	290,551	0,000
	16127	4	4,500	-13,229	226,524	261,259	0,000
	16128	5	4,500	-13,480	210,019	233,284	0,000
EmbeddedBeamRow_1_1	16128	1	4,500	-13,480	210,019	233,284	0,000
Element 1-10 (Embedded beam row)	16129	2	4,500	-13,735	192,806	206,182	0,000
(palo 1500)	16130	3	4,500	-13,990	175,350	180,327	0,000
	16131	4	4,500	-14,246	157,837	155,665	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
	16132	5	4,500	-14,501	140,435	132,136	0,000
EmbeddedBeamRow_1_1	16132	1	4,500	-14,501	140,435	132,136	0,000
Element 1-11 (Embedded beam row)	16133	2	4,500	-14,760	123,032	109,348	0,000
(palo 1500)	16134	3	4,500	-15,018	106,016	87,602	0,000
	16135	4	4,500	-15,277	89,497	66,842	0,000
	16136	5	4,500	-15,536	73,565	47,011	0,000
EmbeddedBeamRow_1_1	16136	1	4,500	-15,536	73,565	47,011	0,000
Element 1-12 (Embedded beam row)	16137	2	4,500	-15,799	58,078	27,785	0,000
(palo 1500)	16138	3	4,500	-16,062	43,345	9,418	0,000
	16139	4	4,500	-16,325	29,434	-8,130	0,000
	16140	5	4,500	-16,587	16,392	-24,894	0,000
EmbeddedBeamRow_1_1	16140	1	4,500	-16,587	16,392	-24,894	0,000
Element 1-13 (Embedded beam row)	16141	2	4,500	-16,854	4,110	-41,144	0,000
(palo 1500)	16142	3	4,500	-17,121	-7,167	-56,655	0,000
	16143	4	4,500	-17,387	-17,373	-71,457	0,000
	16144	5	4,500	-17,654	-26,461	-85,588	0,000
EmbeddedBeamRow_1_1	16144	1	4,500	-17,654	-26,461	-85,588	0,000
Element 1-14 (Embedded beam row)	16145	2	4,500	-17,925	-34,470	-99,285	0,000
(palo 1500)	16146	3	4,500	-18,195	-41,204	-112,381	0,000
	16147	4	4,500	-18,466	-46,598	-124,943	0,000
	16148	5	4,500	-18,737	-50,611	-137,049	0,000
EmbeddedBeamRow_1_1	16148	1	4,500	-18,737	-50,611	-137,049	0,000
Element 1-15 (Embedded beam row)	16149	2	4,500	-19,011	-53,218	-148,980	0,000
(palo 1500)	16150	3	4,500	-19,286	-54,345	-160,660	0,000
	16151	4	4,500	-19,561	-54,006	-172,192	0,000
	16152	5	4,500	-19,836	-52,278	-183,707	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
EmbeddedBeamRow_1_1	16152	1	4,500	-19,836	-52,278	-183,707	0,000
Element 1-16 (Embedded beam row)	16153	2	4,500	-20,114	-49,170	-195,507	0,000
(palo 1500)	16154	3	4,500	-20,393	-44,863	-207,571	0,000
	16155	4	4,500	-20,672	-39,512	-220,011	0,000
	16156	5	4,500	-20,951	-33,316	-232,910	0,000
EmbeddedBeamRow_1_1	16156	1	4,500	-20,951	-33,316	-232,910	0,000
Element 1-17 (Embedded beam row)	16157	2	4,500	-21,234	-26,375	-246,526	0,000
(palo 1500)	16158	3	4,500	-21,517	-19,009	-260,692	0,000
	16159	4	4,500	-21,800	-11,449	-275,393	0,000
	16160	5	4,500	-22,083	-3,898	-290,575	0,000
EmbeddedBeamRow_1_1	16160	1	4,500	-22,083	-3,898	-290,575	0,000
Element 1-18 (Embedded beam row)	16161	2	4,500	-22,370	3,550	-306,387	0,000
(palo 1500)	16162	3	4,500	-22,657	10,604	-322,510	0,000
	16163	4	4,500	-22,944	17,096	-338,828	0,000
	16164	5	4,500	-23,231	22,901	-355,228	0,000
EmbeddedBeamRow_1_1	16164	1	4,500	-23,231	22,901	-355,228	0,000
Element 1-19 (Embedded beam row)	16165	2	4,500	-23,523	27,975	-371,845	0,000
(palo 1500)	16166	3	4,500	-23,814	32,134	-388,332	0,000
	16167	4	4,500	-24,106	35,291	-404,601	0,000
	16168	5	4,500	-24,397	37,395	-420,580	0,000
EmbeddedBeamRow_1_1	16168	1	4,500	-24,397	37,395	-420,580	0,000
Element 1-20 (Embedded beam row)	16169	2	4,500	-24,693	38,384	-436,448	0,000
(palo 1500)	16170	3	4,500	-24,989	38,176	-451,905	0,000
	16171	4	4,500	-25,285	36,702	-466,904	0,000
	16172	5	4,500	-25,580	33,912	-481,400	0,000
EmbeddedBeamRow_1_1	16172	1	4,500	-25,580	33,912	-481,400	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
Element 1-21 (Embedded beam row)	16173	2	4,500	-25,881	29,667	-495,561	0,000
(palo 1500)	16174	3	4,500	-26,181	23,935	-509,119	0,001
	16175	4	4,500	-26,481	16,623	-522,011	0,001
	16176	5	4,500	-26,781	7,664	-534,161	0,001
EmbeddedBeamRow_1_1	16176	1	4,500	-26,781	7,664	-534,161	0,001
Element 1-22 (Embedded beam row)	16177	2	4,500	-27,086	-3,275	-545,713	0,001
(palo 1500)	16178	3	4,500	-27,391	-16,122	-556,171	0,001
	16179	4	4,500	-27,695	-31,067	-565,357	0,001
	16180	5	4,500	-28,000	-48,263	-572,838	0,001
EmbeddedBeamRow_1_1	16180	1	4,500	-28,000	-48,263	-572,838	0,001
Element 1-23 (Embedded beam row)	16181	2	4,500	-28,468	-79,622	-582,605	0,001
(palo 1500)	16182	3	4,500	-28,935	-117,554	-586,244	0,001
	16183	4	4,500	-29,403	-163,318	-575,066	0,001
	16184	5	4,500	-29,870	-218,362	-540,772	0,001
EmbeddedBeamRow_2_1	16185	1	12,300	-5,870	0,000	0,000	0,000
Element 2-24 (Embedded beam row)	16186	2	12,300	-5,979	-35,804	100,425	0,000
(palo 1500)	16187	3	12,300	-6,088	-26,304	160,884	0,000
	16188	4	12,300	-6,197	-13,674	203,542	0,000
	16189	5	12,300	-6,306	-2,323	239,570	0,000
EmbeddedBeamRow_2_1	16189	1	12,300	-6,306	-2,323	239,570	0,000
Element 2-25 (Embedded beam row)	16190	2	12,300	-6,470	15,050	292,581	0,000
(palo 1500)	16191	3	12,300	-6,633	27,024	342,252	0,000
	16192	4	12,300	-6,796	33,956	391,844	0,000
	16193	5	12,300	-6,960	37,071	442,941	0,000
EmbeddedBeamRow_2_1	16193	1	12,300	-6,960	37,071	442,941	0,000
Element 2-26 (Embedded beam row)	16194	2	12,300	-7,205	35,355	523,743	0,001

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
(palo 1500)	16195	3	12,300	-7,450	25,096	609,203	0,001
	16196	4	12,300	-7,695	-3,567	724,426	0,001
	16197	5	12,300	-7,940	-70,048	927,924	0,001
EmbeddedBeamRow_2_1	16197	1	12,300	-7,940	-70,048	927,924	0,001
Element 2-27 (Embedded beam row)	16198	2	12,300	-8,193	-73,818	906,923	0,001
(palo 1500)	16199	3	12,300	-8,446	-74,176	892,510	0,001
	16200	4	12,300	-8,699	-73,052	879,425	0,001
	16201	5	12,300	-8,952	-71,193	865,691	0,001
EmbeddedBeamRow_2_1	16201	1	12,300	-8,952	-71,193	865,691	0,001
Element 2-28 (Embedded beam row)	16202	2	12,300	-9,205	-69,252	852,186	0,001
(palo 1500)	16203	3	12,300	-9,458	-66,914	838,280	0,001
	16204	4	12,300	-9,711	-64,360	823,904	0,001
	16205	5	12,300	-9,964	-61,609	809,002	0,001
EmbeddedBeamRow_2_1	16205	1	12,300	-9,964	-61,609	809,002	0,001
Element 2-29 (Embedded beam row)	16206	2	12,300	-10,217	-58,725	793,556	0,001
(palo 1500)	16207	3	12,300	-10,470	-55,760	777,547	0,001
	16208	4	12,300	-10,723	-52,770	760,971	0,001
	16209	5	12,300	-10,976	-49,822	743,836	0,001
EmbeddedBeamRow_2_1	16209	1	12,300	-10,976	-49,822	743,836	0,001
Element 2-30 (Embedded beam row)	16210	2	12,300	-11,229	-46,979	726,161	0,001
(palo 1500)	16211	3	12,300	-11,482	-44,321	707,957	0,001
	16212	4	12,300	-11,735	-41,920	689,237	0,001
	16213	5	12,300	-11,988	-39,902	670,027	0,001
EmbeddedBeamRow_2_1	16213	1	12,300	-11,988	-39,902	670,027	0,001
Element 2-31 (Embedded beam row)	16214	2	12,300	-12,241	-38,276	650,243	0,001
(palo 1500)	16215	3	12,300	-12,494	-37,318	630,056	0,001

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
	16216	4	12,300	-12,747	-37,331	609,127	0,001
	16217	5	12,300	-13,000	-38,895	586,474	0,001
EmbeddedBeamRow_2_1	16217	1	12,300	-13,000	-38,895	586,474	0,001
Element 2-32 (Embedded beam row)	16218	2	12,300	-13,241	-36,851	563,506	0,001
(palo 1500)	16219	3	12,300	-13,482	-34,069	541,353	0,001
	16220	4	12,300	-13,723	-31,372	519,250	0,001
	16221	5	12,300	-13,964	-28,581	497,080	0,000
EmbeddedBeamRow_2_1	16221	1	12,300	-13,964	-28,581	497,080	0,000
Element 2-33 (Embedded beam row)	16222	2	12,300	-14,209	-25,793	474,516	0,000
(palo 1500)	16223	3	12,300	-14,453	-23,049	451,845	0,000
	16224	4	12,300	-14,698	-20,368	429,095	0,000
	16225	5	12,300	-14,943	-17,748	406,280	0,000
EmbeddedBeamRow_2_1	16225	1	12,300	-14,943	-17,748	406,280	0,000
Element 2-34 (Embedded beam row)	16226	2	12,300	-15,192	-15,156	383,043	0,000
(palo 1500)	16227	3	12,300	-15,441	-12,632	359,764	0,000
	16228	4	12,300	-15,690	-10,175	336,460	0,000
	16229	5	12,300	-15,938	-7,780	313,143	0,000
EmbeddedBeamRow_2_1	16229	1	12,300	-15,938	-7,780	313,143	0,000
Element 2-35 (Embedded beam row)	16230	2	12,300	-16,191	-5,409	289,454	0,000
(palo 1500)	16231	3	12,300	-16,444	-3,094	265,781	0,000
	16232	4	12,300	-16,697	-0,831	242,136	0,000
	16233	5	12,300	-16,950	1,386	218,531	0,000
EmbeddedBeamRow_2_1	16233	1	12,300	-16,950	1,386	218,531	0,000
Element 2-36 (Embedded beam row)	16234	2	12,300	-17,206	3,596	194,596	0,000
(palo 1500)	16235	3	12,300	-17,463	5,768	170,720	0,000
	16236	4	12,300	-17,720	7,905	146,910	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
	16237	5	12,300	-17,977	10,011	123,173	0,000
EmbeddedBeamRow_2_1	16237	1	12,300	-17,977	10,011	123,173	0,000
Element 2-37 (Embedded beam row)	16238	2	12,300	-18,238	12,120	99,134	0,000
(palo 1500)	16239	3	12,300	-18,499	14,199	75,179	0,000
	16240	4	12,300	-18,760	16,247	51,313	0,000
	16241	5	12,300	-19,021	18,262	27,536	0,000
EmbeddedBeamRow_2_1	16241	1	12,300	-19,021	18,262	27,536	0,000
Element 2-38 (Embedded beam row)	16242	2	12,300	-19,286	20,271	3,472	0,000
(palo 1500)	16243	3	12,300	-19,551	22,233	-20,495	0,000
	16244	4	12,300	-19,817	24,141	-44,364	0,000
	16245	5	12,300	-20,082	25,983	-68,134	0,000
EmbeddedBeamRow_2_1	16245	1	12,300	-20,082	25,983	-68,134	0,000
Element 2-39 (Embedded beam row)	16246	2	12,300	-20,351	27,774	-92,183	0,000
(palo 1500)	16247	3	12,300	-20,621	29,468	-116,129	0,000
	16248	4	12,300	-20,890	31,046	-139,969	0,000
	16249	5	12,300	-21,160	32,490	-163,703	0,000
EmbeddedBeamRow_2_1	16249	1	12,300	-21,160	32,490	-163,703	0,000
Element 2-40 (Embedded beam row)	16250	2	12,300	-21,433	33,797	-187,709	0,000
(palo 1500)	16251	3	12,300	-21,707	34,920	-211,603	0,000
	16252	4	12,300	-21,981	35,833	-235,384	0,000
	16253	5	12,300	-22,255	36,517	-259,052	0,000
EmbeddedBeamRow_2_1	16253	1	12,300	-22,255	36,517	-259,052	0,000
Element 2-41 (Embedded beam row)	16254	2	12,300	-22,533	36,952	-282,987	0,000
(palo 1500)	16255	3	12,300	-22,811	37,108	-306,808	0,000
	16256	4	12,300	-23,089	36,969	-330,519	0,000
	16257	5	12,300	-23,367	36,530	-354,123	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
EmbeddedBeamRow_2_1	16257	1	12,300	-23,367	36,530	-354,123	0,000
Element 2-42 (Embedded beam row)	16258	2	12,300	-23,650	35,774	-377,999	0,000
(palo 1500)	16259	3	12,300	-23,933	34,718	-401,766	0,000
	16260	4	12,300	-24,215	33,387	-425,413	0,000
	16261	5	12,300	-24,498	31,794	-448,909	0,000
EmbeddedBeamRow_2_1	16261	1	12,300	-24,498	31,794	-448,909	0,000
Element 2-43 (Embedded beam row)	16262	2	12,300	-24,785	29,961	-472,573	0,000
(palo 1500)	16263	3	12,300	-25,072	27,992	-496,045	0,000
	16264	4	12,300	-25,360	25,755	-519,215	0,001
	16265	5	12,300	-25,647	23,007	-541,962	0,001
EmbeddedBeamRow_2_1	16265	1	12,300	-25,647	23,007	-541,962	0,001
Element 2-44 (Embedded beam row)	16266	2	12,300	-25,939	19,101	-564,441	0,001
(palo 1500)	16267	3	12,300	-26,230	13,923	-586,212	0,001
	16268	4	12,300	-26,522	7,484	-607,309	0,001
	16269	5	12,300	-26,814	-0,221	-627,709	0,001
EmbeddedBeamRow_2_1	16269	1	12,300	-26,814	-0,221	-627,709	0,001
Element 2-45 (Embedded beam row)	16270	2	12,300	-27,110	-9,237	-647,979	0,001
(palo 1500)	16271	3	12,300	-27,407	-19,886	-666,707	0,001
	16272	4	12,300	-27,703	-32,016	-683,731	0,001
	16273	5	12,300	-28,000	-45,600	-698,490	0,001
EmbeddedBeamRow_2_1	16273	1	12,300	-28,000	-45,600	-698,490	0,001
Element 2-46 (Embedded beam row)	16274	2	12,300	-28,468	-71,859	-720,557	0,001
(palo 1500)	16275	3	12,300	-28,935	-101,309	-731,265	0,001
	16276	4	12,300	-29,403	-127,389	-705,696	0,001
	16277	5	12,300	-29,870	-153,888	-616,020	0,001

3.3.2.1.9 Calculation results, Embedded beam row, plinto + pali [Phase_8] (8/31), Table of embedded pile row force envelopes

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T---+-- [kN/m/m]	T---+--	N-- [kN/m]	N--- [kN/m]	Q-- [kN/m]	Q--- [kN/m]	M-- [kN m/m]	M--- [kN m/m]
EmbeddedBeamRow_1_1	16092	1	4,500	-5,870	-124,483	-2,442	-4,001	0,000	0,000	46,667	0,000	-124,483	0,000	-2,442	0,000	-4,001	0,000
Element 1-1 (Embedded beam row)	16093	2	4,500	-6,009	-124,984	-2,437	-4,339	0,456	0,066	46,667	0,010	-124,984	0,000	-2,437	0,000	-4,339	0,000
(palo 1500)	16094	3	4,500	-6,147	-125,444	-2,424	-4,676	0,772	0,138	46,667	0,017	-125,444	0,000	-2,424	0,000	-4,676	0,000
	16095	4	4,500	-6,286	-125,867	-2,403	-5,011	1,002	0,172	46,667	0,021	-125,867	0,000	-2,403	0,000	-5,011	0,000
	16096	5	4,500	-6,424	-126,254	-2,375	-5,342	1,186	0,173	46,667	0,025	-126,254	0,000	-2,375	0,000	-5,342	0,000
EmbeddedBeamRow_1_1	16096	1	4,500	-6,424	-126,257	-2,381	-5,342	2,313	0,337	46,667	0,050	-126,257	0,000	-2,381	0,000	-5,342	0,000
Element 1-2 (Embedded beam row)	16097	2	4,500	-6,614	-126,557	-2,297	-5,785	2,371	0,494	46,667	0,051	-126,557	0,000	-2,297	0,000	-5,785	0,000
(palo 1500)	16098	3	4,500	-6,803	-126,846	-2,193	-6,210	2,428	0,604	46,667	0,052	-126,846	0,000	-2,193	0,000	-6,210	0,000
	16099	4	4,500	-6,992	-127,125	-2,072	-6,614	2,483	0,686	46,667	0,053	-127,125	0,000	-2,072	0,000	-6,614	0,000
	16100	5	4,500	-7,181	-127,393	-1,933	-6,993	2,534	0,745	46,667	0,054	-127,393	0,000	-1,933	0,000	-6,993	0,000
EmbeddedBeamRow_1_1	16100	1	4,500	-7,181	-127,393	-1,936	-6,993	2,534	0,745	46,667	0,054	-127,393	0,000	-1,936	0,000	-6,993	0,000
Element 1-3 (Embedded beam row)	16101	2	4,500	-7,379	-127,663	-1,783	-7,360	2,584	0,790	46,667	0,055	-127,663	0,000	-1,783	0,000	-7,360	0,000
(palo 1500)	16102	3	4,500	-7,576	-127,923	-1,624	-7,697	2,632	0,820	46,667	0,056	-127,923	0,000	-1,624	0,000	-7,697	0,000
	16103	4	4,500	-7,773	-128,174	-1,461	-8,001	2,679	0,839	46,667	0,057	-128,174	0,000	-1,461	0,000	-8,001	0,000
	16104	5	4,500	-7,971	-128,416	-1,293	-8,273	2,723	0,848	46,667	0,058	-128,416	0,000	-1,293	0,000	-8,273	0,000
EmbeddedBeamRow_1_1	16104	1	4,500	-7,971	-128,416	-1,295	-8,273	2,723	0,848	46,667	0,058	-128,416	0,000	-1,295	0,000	-8,273	0,000
Element 1-4 (Embedded beam row)	16105	2	4,500	-8,177	-128,660	-1,119	-8,522	2,768	0,849	46,667	0,059	-128,660	0,000	-1,119	0,000	-8,522	0,000
(palo 1500)	16106	3	4,500	-8,383	-128,894	-0,945	-8,734	2,811	0,842	46,667	0,060	-128,894	0,000	-0,945	0,000	-8,734	0,000
	16107	4	4,500	-8,589	-129,119	-0,773	-8,911	2,854	0,829	46,667	0,061	-129,119	0,000	-0,773	0,000	-8,911	0,000
	16108	5	4,500	-8,794	-129,336	-0,603	-9,053	2,895	0,811	46,667	0,062	-129,336	0,000	-0,603	0,000	-9,053	0,000
EmbeddedBeamRow_1_1	16108	1	4,500	-8,794	-129,336	-0,604	-9,053	2,895	0,811	46,667	0,062	-129,336	0,000	-0,604	0,000	-9,053	0,000
Element 1-5 (Embedded beam row)	16109	2	4,500	-9,009	-129,553	-0,432	-9,164	2,938	0,786	46,667	0,063	-129,553	0,000	-0,432	0,000	-9,164	0,000
(palo 1500)	16110	3	4,500	-9,224	-129,761	-0,266	-9,239	2,980	0,757	46,667	0,064	-129,761	0,000	-0,266	0,000	-9,239	0,000
	16111	4	4,500	-9,439	-129,960	-0,108	-9,279	3,020	0,723	46,667	0,065	-129,960	0,000	-0,108	0,000	-9,279	0,000
	16112	5	4,500	-9,654	-130,150	0,044	-9,285	3,060	0,686	46,667	0,066	-130,150	0,000	0,000	0,049	-9,285	0,000
EmbeddedBeamRow_1_1	16112	1	4,500	-9,654	-130,150	0,044	-9,285	3,060	0,686	46,667	0,066	-130,150	0,000	0,000	0,049	-9,285	0,000
Element 1-6 (Embedded beam row)	16113	2	4,500	-9,878	-130,340	0,193	-9,259	3,100	0,643	46,667	0,066	-130,340	0,000	0,000	0,193	-9,259	0,000
(palo 1500)	16114	3	4,500	-10,102	-130,521	0,332	-9,200	3,139	0,597	46,667	0,067	-130,521	0,000	0,000	0,332	-9,200	0,000
	16115	4	4,500	-10,326	-130,693	0,460	-9,111	3,176	0,547	46,667	0,068	-130,693	0,000	0,000	0,460	-9,111	0,000
	16116	5	4,500	-10,550	-130,857	0,577	-8,994	3,211	0,495	46,667	0,069	-130,857	0,000	0,000	0,577	-8,994	0,000
EmbeddedBeamRow_1_1	16116	1	4,500	-10,550	-130,858	0,577	-8,994	3,211	0,495	46,667	0,069	-130,858	0,000	0,000	0,577	-8,994	0,000
Element 1-7 (Embedded beam row)	16117	2	4,500	-10,783	-131,020	0,686	-8,847	3,245	0,437	46,667	0,070	-131,020	0,000	0,000	0,686	-8,847	0,000

Structural element	Node [10⁻¹]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
(palo 1500)	16118	3	4,500	-11,017	-131,176	0,781	-8,675	3,276	0,376	46,667	0,070	-131,176	0,000	0,000	0,781	-8,675	0,000
	16119	4	4,500	-11,251	-131,325	0,861	-8,483	3,301	0,313	46,667	0,071	-131,325	0,000	0,000	0,861	-8,483	0,000
	16120	5	4,500	-11,484	-131,468	0,927	-8,273	3,317	0,250	46,667	0,071	-131,468	0,000	0,000	0,927	-8,273	0,000
EmbeddedBeamRow_1_1	16120	1	4,500	-11,484	-131,468	0,927	-8,273	4,975	0,375	46,667	0,107	-131,468	0,000	0,000	0,927	-8,273	0,000
Element 1-8 (Embedded beam row)	16121	2	4,500	-11,732	-131,206	1,018	-8,033	5,009	0,355	46,667	0,107	-131,206	0,000	0,000	1,018	-8,033	0,000
(palo 1500)	16122	3	4,500	-11,980	-130,932	1,103	-7,770	5,056	0,329	46,667	0,108	-130,932	0,000	0,000	1,103	-7,770	0,000
	16123	4	4,500	-12,227	-130,646	1,180	-7,487	5,108	0,300	46,667	0,109	-130,646	0,000	0,000	1,180	-7,487	0,000
	16124	5	4,500	-12,475	-130,348	1,251	-7,186	5,161	0,270	46,667	0,111	-130,348	0,000	0,000	1,251	-7,186	0,000
EmbeddedBeamRow_1_1	16124	1	4,500	-12,475	-130,347	1,251	-7,186	5,161	0,270	46,667	0,111	-130,347	0,000	0,000	1,251	-7,186	0,000
Element 1-9 (Embedded beam row)	16125	2	4,500	-12,726	-130,030	1,315	-6,863	5,217	0,240	46,667	0,112	-130,030	0,000	0,000	1,315	-6,863	0,000
(palo 1500)	16126	3	4,500	-12,978	-129,698	1,372	-6,525	5,276	0,211	46,667	0,113	-129,698	0,000	0,000	1,372	-6,525	0,000
	16127	4	4,500	-13,229	-129,352	1,421	-6,174	5,335	0,183	46,667	0,114	-129,352	0,000	0,000	1,421	-6,174	0,000
	16128	5	4,500	-13,480	-128,991	1,464	-5,811	5,396	0,156	46,667	0,116	-128,991	0,000	0,000	1,464	-5,811	0,000
EmbeddedBeamRow_1_1	16128	1	4,500	-13,480	-128,990	1,464	-5,811	5,396	0,156	46,667	0,116	-128,990	0,000	0,000	1,464	-5,811	0,000
Element 1-10 (Embedded beam row)	16129	2	4,500	-13,735	-128,608	1,500	-5,433	5,459	0,129	46,667	0,117	-128,608	0,000	0,000	1,500	-5,433	0,000
(palo 1500)	16130	3	4,500	-13,990	-128,208	1,530	-5,047	5,523	0,104	46,667	0,118	-128,208	0,000	0,000	1,530	-5,047	0,000
	16131	4	4,500	-14,246	-127,793	1,554	-4,653	5,588	0,079	46,667	0,120	-127,793	0,000	0,000	1,554	-4,653	0,000
	16132	5	4,500	-14,501	-127,361	1,571	-4,254	5,654	0,056	46,667	0,121	-127,361	0,000	0,000	1,571	-4,254	0,000
EmbeddedBeamRow_1_1	16132	1	4,500	-14,501	-127,361	1,571	-4,254	5,654	0,056	46,667	0,121	-127,361	0,000	0,000	1,571	-4,254	0,000
Element 1-11 (Embedded beam row)	16133	2	4,500	-14,760	-126,905	1,582	-3,846	5,721	0,033	46,667	0,123	-126,905	0,000	0,000	1,582	-3,846	0,000
(palo 1500)	16134	3	4,500	-15,018	-126,432	1,588	-3,436	5,789	0,011	46,667	0,124	-126,432	0,000	0,000	1,588	-3,436	0,000
	16135	4	4,500	-15,277	-125,940	1,588	-3,024	5,858	-0,010	46,667	0,126	-125,940	0,000	0,000	1,588	-3,024	0,000
	16136	5	4,500	-15,536	-125,432	1,583	-2,614	5,927	-0,030	46,667	0,127	-125,432	0,000	0,000	1,583	-2,614	0,000
EmbeddedBeamRow_1_1	16136	1	4,500	-15,536	-125,432	1,583	-2,614	5,927	-0,030	46,667	0,127	-125,432	0,000	0,000	1,583	-2,614	0,000
Element 1-12 (Embedded beam row)	16137	2	4,500	-15,799	-124,897	1,572	-2,199	5,997	-0,050	46,667	0,129	-124,897	0,000	0,000	1,572	-2,199	0,000
(palo 1500)	16138	3	4,500	-16,062	-124,344	1,557	-1,788	6,067	-0,070	46,667	0,130	-124,344	0,000	0,000	1,557	-1,788	0,000
	16139	4	4,500	-16,325	-123,772	1,536	-1,381	6,138	-0,088	46,667	0,132	-123,772	0,000	0,000	1,536	-1,381	0,000
	16140	5	4,500	-16,587	-123,182	1,510	-0,981	6,208	-0,107	46,667	0,133	-123,182	0,000	0,000	1,510	-0,981	0,000
EmbeddedBeamRow_1_1	16140	1	4,500	-16,587	-123,182	1,510	-0,981	6,208	-0,107	46,667	0,133	-123,182	0,000	0,000	1,510	-0,981	0,000
Element 1-13 (Embedded beam row)	16141	2	4,500	-16,854	-122,565	1,479	-0,582	6,279	-0,125	46,667	0,135	-122,565	0,000	0,000	1,479	-0,612	0,000
(palo 1500)	16142	3	4,500	-17,121	-121,928	1,444	-0,192	6,349	-0,143	46,667	0,136	-121,928	0,000	0,000	1,444	-0,252	0,000
	16143	4	4,500	-17,387	-121,272	1,403	0,187	6,419	-0,161	46,667	0,138	-121,272	0,000	0,000	1,403	-0,072	0,187
	16144	5	4,500	-17,654	-120,599	1,358	0,555	6,488	-0,178	46,667	0,139	-120,599	0,000	0,000	1,358	0,000	0,555
EmbeddedBeamRow_1_1	16144	1	4,500	-17,654	-120,598	1,358	0,555	6,488	-0,178	46,667	0,139	-120,598	0,000	0,000	1,358	0,000	0,555
Element 1-14 (Embedded beam row)	16145	2	4,500	-17,925	-119,896	1,307	0,916	6,558	-0,194	46,667	0,141	-119,896	0,000	0,000	1,307	0,000	0,916
(palo 1500)	16146	3	4,500	-18,195	-119,175	1,253	1,263	6,626	-0,210	46,667	0,142	-119,175	0,000	0,000	1,253	0,000	1,263

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
	16147	4	4,500	-18,466	-118,435	1,194	1,594	6,693	-0,226	46,667	0,143	-118,435	0,000	0,000	1,194	0,000	1,594
	16148	5	4,500	-18,737	-117,677	1,130	1,909	6,759	-0,240	46,667	0,145	-117,677	0,000	0,000	1,130	0,000	1,909
EmbeddedBeamRow_1_1	16148	1	4,500	-18,737	-117,677	1,131	1,909	6,759	-0,240	46,667	0,145	-117,677	0,000	0,000	1,131	0,000	1,909
Element 1-15 (Embedded beam row)	16149	2	4,500	-19,011	-116,891	1,063	2,210	6,824	-0,254	46,667	0,146	-116,891	0,000	0,000	1,063	0,000	2,210
(palo 1500)	16150	3	4,500	-19,286	-116,086	0,991	2,492	6,888	-0,267	46,667	0,148	-116,086	0,000	0,000	0,991	0,000	2,492
	16151	4	4,500	-19,561	-115,264	0,916	2,754	6,951	-0,279	46,667	0,149	-115,264	0,000	0,000	0,916	0,000	2,754
	16152	5	4,500	-19,836	-114,425	0,838	2,995	7,013	-0,291	46,667	0,150	-114,425	0,000	0,000	0,838	0,000	2,995
EmbeddedBeamRow_1_1	16152	1	4,500	-19,836	-114,424	0,838	2,995	7,013	-0,291	46,667	0,150	-114,424	0,000	0,000	0,838	0,000	2,995
Element 1-16 (Embedded beam row)	16153	2	4,500	-20,114	-113,556	0,755	3,217	7,076	-0,301	46,667	0,152	-113,556	0,000	0,000	0,755	0,000	3,217
(palo 1500)	16154	3	4,500	-20,393	-112,668	0,670	3,416	7,141	-0,310	46,667	0,153	-112,668	0,000	0,000	0,670	0,000	3,416
	16155	4	4,500	-20,672	-111,763	0,582	3,591	7,208	-0,318	46,667	0,154	-111,763	0,000	0,000	0,582	0,000	3,591
	16156	5	4,500	-20,951	-110,839	0,492	3,740	7,277	-0,325	46,667	0,156	-110,839	0,000	0,000	0,492	0,000	3,740
EmbeddedBeamRow_1_1	16156	1	4,500	-20,951	-110,838	0,493	3,740	7,277	-0,325	46,667	0,156	-110,838	0,000	0,000	0,493	0,000	3,740
Element 1-17 (Embedded beam row)	16157	2	4,500	-21,234	-109,881	0,400	3,867	7,350	-0,330	46,667	0,157	-109,881	0,000	0,000	0,400	0,000	3,867
(palo 1500)	16158	3	4,500	-21,517	-108,901	0,306	3,967	7,425	-0,334	46,667	0,159	-108,901	0,000	0,000	0,306	0,000	3,967
	16159	4	4,500	-21,800	-107,900	0,211	4,040	7,504	-0,337	46,667	0,161	-107,900	0,000	0,000	0,211	0,000	4,040
	16160	5	4,500	-22,083	-106,877	0,115	4,086	7,586	-0,339	46,667	0,163	-106,877	0,000	0,000	0,115	0,000	4,086
EmbeddedBeamRow_1_1	16160	1	4,500	-22,083	-106,876	0,115	4,086	7,586	-0,339	46,667	0,163	-106,876	0,000	0,000	0,115	0,000	4,086
Element 1-18 (Embedded beam row)	16161	2	4,500	-22,370	-105,814	0,018	4,105	7,673	-0,340	46,667	0,164	-105,814	0,000	0,000	0,018	0,000	4,105
(palo 1500)	16162	3	4,500	-22,657	-104,725	-0,080	4,096	7,764	-0,338	46,667	0,166	-104,725	0,000	-0,080	0,000	0,000	4,096
	16163	4	4,500	-22,944	-103,609	-0,176	4,059	7,860	-0,335	46,667	0,168	-103,609	0,000	-0,176	0,000	0,000	4,059
	16164	5	4,500	-23,231	-102,466	-0,272	3,995	7,960	-0,328	46,667	0,171	-102,466	0,000	-0,272	0,000	0,000	3,995
EmbeddedBeamRow_1_1	16164	1	4,500	-23,231	-102,464	-0,271	3,995	7,960	-0,328	46,667	0,171	-102,464	0,000	-0,271	0,000	0,000	3,995
Element 1-19 (Embedded beam row)	16165	2	4,500	-23,523	-101,275	-0,366	3,902	8,069	-0,317	46,667	0,173	-101,275	0,000	-0,366	0,000	0,000	3,902
(palo 1500)	16166	3	4,500	-23,814	-100,051	-0,456	3,782	8,185	-0,300	46,667	0,175	-100,051	0,000	-0,456	0,000	0,000	3,782
	16167	4	4,500	-24,106	-98,791	-0,540	3,637	8,308	-0,276	46,667	0,178	-98,791	0,000	-0,540	0,000	0,000	3,637
	16168	5	4,500	-24,397	-97,497	-0,617	3,468	8,437	-0,247	46,667	0,181	-97,497	0,000	-0,617	0,000	0,000	3,468
EmbeddedBeamRow_1_1	16168	1	4,500	-24,397	-97,495	-0,616	3,468	8,437	-0,247	46,667	0,181	-97,495	0,000	-0,616	0,000	0,000	3,468
Element 1-20 (Embedded beam row)	16169	2	4,500	-24,693	-96,143	-0,685	3,275	8,570	-0,215	46,667	0,184	-96,143	0,000	-0,685	0,000	0,000	3,275
(palo 1500)	16170	3	4,500	-24,989	-94,749	-0,743	3,064	8,706	-0,181	46,667	0,187	-94,749	0,000	-0,743	0,000	0,000	3,064
	16171	4	4,500	-25,285	-93,315	-0,791	2,836	8,842	-0,144	46,667	0,189	-93,315	0,000	-0,791	0,000	0,000	2,836
	16172	5	4,500	-25,580	-91,841	-0,828	2,597	8,980	-0,104	46,667	0,192	-91,841	0,000	-0,828	0,000	0,000	2,597
EmbeddedBeamRow_1_1	16172	1	4,500	-25,580	-91,841	-0,828	2,597	8,980	-0,104	46,667	0,192	-91,841	0,000	-0,828	0,000	0,000	2,597
Element 1-21 (Embedded beam row)	16173	2	4,500	-25,881	-90,303	-0,853	2,344	9,118	-0,061	46,667	0,195	-90,303	0,000	-0,853	0,000	0,000	2,344
(palo 1500)	16174	3	4,500	-26,181	-88,724	-0,865	2,086	9,255	-0,017	46,667	0,198	-88,724	0,000	-0,865	0,000	0,000	2,086
	16175	4	4,500	-26,481	-87,104	-0,863	1,826	9,388	0,029	46,667	0,201	-87,104	0,000	-0,863	0,000	0,000	1,826

Structural element	Node [10⁻]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N -- [kN/m]	N --- [kN/m]	Q -- [kN/m]	Q --- [kN/m]	M -- [kN m/m]	M --- [kN m/m]
	16176	5	4,500	-26,781	-85,445	-0,847	1,569	9,516	0,077	46,667	0,204	-85,445	0,000	-0,847	0,000	0,000	1,569
EmbeddedBeamRow_1_1	16176	1	4,500	-26,781	-85,447	-0,847	1,569	9,516	0,077	46,667	0,204	-85,447	0,000	-0,847	0,000	0,000	1,569
Element 1-22 (Embedded beam row)	16177	2	4,500	-27,086	-83,723	-0,816	1,315	9,641	0,125	46,667	0,207	-83,723	0,000	-0,816	0,000	0,000	1,315
(palo 1500)	16178	3	4,500	-27,391	-81,965	-0,771	1,073	9,754	0,174	46,667	0,209	-81,965	0,000	-0,771	0,000	0,000	1,073
	16179	4	4,500	-27,695	-80,175	-0,711	0,847	9,850	0,219	46,667	0,211	-80,175	0,000	-0,711	0,000	0,000	0,847
	16180	5	4,500	-28,000	-78,355	-0,637	0,641	9,917	0,260	46,667	0,213	-78,355	0,000	-0,637	0,000	0,000	0,641
EmbeddedBeamRow_1_1	16180	1	4,500	-28,000	-78,385	-0,635	0,641	9,917	0,260	46,667	0,213	-78,385	0,000	-0,635	0,000	0,000	0,641
Element 1-23 (Embedded beam row)	16181	2	4,500	-28,468	-75,519	-0,510	0,373	10,010	0,294	46,667	0,215	-75,519	0,000	-0,510	0,000	0,000	0,373
(palo 1500)	16182	3	4,500	-28,935	-72,687	-0,360	0,168	10,013	0,348	46,667	0,215	-72,687	0,000	-0,360	0,000	0,000	0,168
	16183	4	4,500	-29,403	-69,920	-0,184	0,040	9,731	0,404	46,667	0,209	-69,920	0,000	-0,184	0,000	0,000	0,040
	16184	5	4,500	-29,870	-67,250	0,017	0,000	8,978	0,339	46,667	0,192	-67,250	0,000	0,000	0,017	0,000	0,000
EmbeddedBeamRow_2_1	16185	1	12,300	-5,870	-131,639	0,642	3,563	0,000	0,000	46,667	0,000	-131,639	0,000	0,000	0,642	0,000	3,563
Element 2-24 (Embedded beam row)	16186	2	12,300	-5,979	-132,041	0,650	3,633	0,339	0,053	46,667	0,007	-132,041	0,000	0,000	0,650	0,000	3,633
(palo 1500)	16187	3	12,300	-6,088	-132,421	0,653	3,704	0,559	0,005	46,667	0,012	-132,421	0,000	0,000	0,653	0,000	3,704
	16188	4	12,300	-6,197	-132,781	0,651	3,776	0,709	-0,043	46,667	0,015	-132,781	0,000	0,000	0,651	0,000	3,776
	16189	5	12,300	-6,306	-133,122	0,644	3,846	0,831	-0,078	46,667	0,018	-133,122	0,000	0,000	0,644	0,000	3,846
EmbeddedBeamRow_2_1	16189	1	12,300	-6,306	-133,125	0,645	3,846	0,831	-0,078	46,667	0,018	-133,125	0,000	0,000	0,645	0,000	3,846
Element 2-25 (Embedded beam row)	16190	2	12,300	-6,470	-133,615	0,627	3,950	1,000	-0,128	46,667	0,021	-133,615	0,000	0,000	0,627	0,000	3,950
(palo 1500)	16191	3	12,300	-6,633	-134,082	0,603	4,051	1,148	-0,166	46,667	0,025	-134,082	0,000	0,000	0,603	0,000	4,051
	16192	4	12,300	-6,796	-134,525	0,574	4,147	1,281	-0,195	46,667	0,027	-134,525	0,000	0,000	0,574	0,000	4,147
	16193	5	12,300	-6,960	-134,946	0,539	4,238	1,405	-0,216	46,667	0,030	-134,946	0,000	0,000	0,539	0,000	4,238
EmbeddedBeamRow_2_1	16193	1	12,300	-6,960	-134,948	0,542	4,238	1,405	-0,216	46,667	0,030	-134,948	0,000	0,000	0,542	0,000	4,238
Element 2-26 (Embedded beam row)	16194	2	12,300	-7,205	-135,543	0,484	4,364	1,578	-0,230	46,667	0,034	-135,543	0,000	0,000	0,484	0,000	4,364
(palo 1500)	16195	3	12,300	-7,450	-136,099	0,429	4,476	1,741	-0,226	46,667	0,037	-136,099	0,000	0,000	0,429	0,000	4,476
	16196	4	12,300	-7,695	-136,615	0,377	4,574	1,896	-0,200	46,667	0,041	-136,615	0,000	0,000	0,379	0,000	4,574
	16197	5	12,300	-7,940	-137,093	0,330	4,661	2,046	-0,149	46,667	0,044	-137,093	0,000	0,000	0,334	0,000	4,661
EmbeddedBeamRow_2_1	16197	1	12,300	-7,940	-137,092	0,333	4,661	3,989	-0,291	46,667	0,085	-137,092	0,000	0,000	0,337	0,000	4,661
Element 2-27 (Embedded beam row)	16198	2	12,300	-8,193	-137,085	0,254	4,735	3,949	-0,329	46,667	0,085	-137,085	0,000	0,000	0,260	0,000	4,735
(palo 1500)	16199	3	12,300	-8,446	-137,081	0,167	4,789	3,933	-0,363	46,667	0,084	-137,081	0,000	0,000	0,176	0,000	4,789
	16200	4	12,300	-8,699	-137,080	0,071	4,819	3,927	-0,390	46,667	0,084	-137,080	0,000	0,000	0,085	0,000	4,819
	16201	5	12,300	-8,952	-137,081	-0,031	4,824	3,928	-0,410	46,667	0,084	-137,081	0,000	-0,031	0,016	0,000	4,824
EmbeddedBeamRow_2_1	16201	1	12,300	-8,952	-137,080	-0,030	4,824	3,928	-0,410	46,667	0,084	-137,080	0,000	-0,030	0,017	0,000	4,824
Element 2-28 (Embedded beam row)	16202	2	12,300	-9,205	-137,080	-0,136	4,803	3,934	-0,421	46,667	0,084	-137,080	0,000	-0,136	0,000	0,000	4,803
(palo 1500)	16203	3	12,300	-9,458	-137,076	-0,243	4,755	3,945	-0,425	46,667	0,085	-137,076	0,000	-0,243	0,000	0,000	4,755
	16204	4	12,300	-9,711	-137,070	-0,350	4,680	3,960	-0,423	46,667	0,085	-137,070	0,000	-0,350	0,000	0,000	4,680
	16205	5	12,300	-9,964	-137,060	-0,457	4,578	3,979	-0,414	46,667	0,085	-137,060	0,000	-0,457	0,000	0,000	4,578

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
EmbeddedBeamRow_2_1	16205	1	12,300	-9,964	-137,059	-0,456	4,578	3,979	-0,414	46,667	0,085	-137,059	0,000	-0,456	0,000	0,000	4,578
Element 2-29 (Embedded beam row)	16206	2	12,300	-10,217	-137,043	-0,560	4,450	4,001	-0,400	46,667	0,086	-137,043	0,000	-0,560	0,000	0,000	4,450
(palo 1500)	16207	3	12,300	-10,470	-137,021	-0,658	4,295	4,026	-0,379	46,667	0,086	-137,021	0,000	-0,658	0,000	0,000	4,295
	16208	4	12,300	-10,723	-136,993	-0,751	4,117	4,054	-0,353	46,667	0,087	-136,993	0,000	-0,751	0,000	0,000	4,117
	16209	5	12,300	-10,976	-136,957	-0,837	3,916	4,083	-0,322	46,667	0,087	-136,957	0,000	-0,837	0,000	0,000	3,916
EmbeddedBeamRow_2_1	16209	1	12,300	-10,976	-136,957	-0,836	3,916	4,083	-0,322	46,667	0,087	-136,957	0,000	-0,836	0,000	0,000	3,916
Element 2-30 (Embedded beam row)	16210	2	12,300	-11,229	-136,914	-0,913	3,695	4,115	-0,285	46,667	0,088	-136,914	0,000	-0,913	0,000	0,000	3,695
(palo 1500)	16211	3	12,300	-11,482	-136,862	-0,980	3,455	4,149	-0,242	46,667	0,089	-136,862	0,000	-0,980	0,000	0,000	3,455
	16212	4	12,300	-11,735	-136,801	-1,035	3,200	4,184	-0,193	46,667	0,090	-136,801	0,000	-1,035	0,000	0,000	3,200
	16213	5	12,300	-11,988	-136,732	-1,078	2,932	4,220	-0,138	46,667	0,090	-136,732	0,000	-1,078	0,000	0,000	2,932
EmbeddedBeamRow_2_1	16213	1	12,300	-11,988	-136,732	-1,076	2,932	4,220	-0,138	46,667	0,090	-136,732	0,000	-1,076	0,000	0,000	2,932
Element 2-31 (Embedded beam row)	16214	2	12,300	-12,241	-136,653	-1,105	2,656	4,258	-0,077	46,667	0,091	-136,653	0,000	-1,105	0,000	0,000	2,656
(palo 1500)	16215	3	12,300	-12,494	-136,564	-1,116	2,375	4,296	-0,008	46,667	0,092	-136,564	0,000	-1,116	0,000	0,000	2,375
	16216	4	12,300	-12,747	-136,466	-1,107	2,093	4,334	0,071	46,667	0,093	-136,466	0,000	-1,107	0,000	0,000	2,093
	16217	5	12,300	-13,000	-136,359	-1,080	1,816	4,363	0,164	46,667	0,093	-136,359	0,000	-1,080	0,000	0,000	1,816
EmbeddedBeamRow_2_1	16217	1	12,300	-13,000	-136,358	-1,079	1,816	6,545	0,246	46,667	0,140	-136,358	0,000	-1,079	0,000	0,000	1,816
Element 2-32 (Embedded beam row)	16218	2	12,300	-13,241	-135,727	-1,018	1,563	6,562	0,249	46,667	0,141	-135,727	0,000	-1,018	0,000	0,000	1,574
(palo 1500)	16219	3	12,300	-13,482	-135,088	-0,959	1,325	6,596	0,242	46,667	0,141	-135,088	0,000	-0,959	0,000	0,000	1,349
	16220	4	12,300	-13,723	-134,439	-0,901	1,101	6,635	0,236	46,667	0,142	-134,439	0,000	-0,901	0,000	0,000	1,137
	16221	5	12,300	-13,964	-133,783	-0,845	0,890	6,679	0,227	46,667	0,143	-133,783	0,000	-0,845	0,000	0,000	0,938
EmbeddedBeamRow_2_1	16221	1	12,300	-13,964	-133,782	-0,846	0,890	6,679	0,227	46,667	0,143	-133,782	0,000	-0,846	0,000	0,000	0,938
Element 2-33 (Embedded beam row)	16222	2	12,300	-14,209	-133,103	-0,791	0,690	6,727	0,219	46,667	0,144	-133,103	0,000	-0,791	0,000	0,000	0,748
(palo 1500)	16223	3	12,300	-14,453	-132,410	-0,738	0,503	6,778	0,211	46,667	0,145	-132,410	0,000	-0,738	0,000	0,000	0,570
	16224	4	12,300	-14,698	-131,706	-0,688	0,328	6,831	0,204	46,667	0,146	-131,706	0,000	-0,688	0,000	0,000	0,403
	16225	5	12,300	-14,943	-130,989	-0,639	0,166	6,886	0,197	46,667	0,148	-130,989	0,000	-0,639	0,000	0,000	0,256
EmbeddedBeamRow_2_1	16225	1	12,300	-14,943	-130,988	-0,639	0,166	6,886	0,197	46,667	0,148	-130,988	0,000	-0,639	0,000	0,000	0,256
Element 2-34 (Embedded beam row)	16226	2	12,300	-15,192	-130,245	-0,591	0,013	6,943	0,190	46,667	0,149	-130,245	0,000	-0,591	0,000	0,000	0,182
(palo 1500)	16227	3	12,300	-15,441	-129,487	-0,544	-0,128	7,002	0,185	46,667	0,150	-129,487	0,000	-0,544	0,000	-0,128	0,112
	16228	4	12,300	-15,690	-128,714	-0,498	-0,258	7,063	0,180	46,667	0,151	-128,714	0,000	-0,498	0,000	-0,258	0,047
	16229	5	12,300	-15,938	-127,927	-0,454	-0,376	7,125	0,175	46,667	0,153	-127,927	0,000	-0,454	0,000	-0,376	0,000
EmbeddedBeamRow_2_1	16229	1	12,300	-15,938	-127,926	-0,454	-0,376	7,125	0,175	46,667	0,153	-127,926	0,000	-0,454	0,000	-0,376	0,000
Element 2-35 (Embedded beam row)	16230	2	12,300	-16,191	-127,110	-0,411	-0,485	7,190	0,171	46,667	0,154	-127,110	0,000	-0,411	0,000	-0,485	0,000
(palo 1500)	16231	3	12,300	-16,444	-126,277	-0,368	-0,584	7,255	0,168	46,667	0,155	-126,277	0,000	-0,368	0,000	-0,584	0,000
	16232	4	12,300	-16,697	-125,427	-0,326	-0,671	7,322	0,165	46,667	0,157	-125,427	0,000	-0,327	0,000	-0,671	0,000
	16233	5	12,300	-16,950	-124,561	-0,284	-0,748	7,389	0,163	46,667	0,158	-124,561	0,000	-0,290	0,000	-0,748	0,000
EmbeddedBeamRow_2_1	16233	1	12,300	-16,950	-124,560	-0,284	-0,748	7,389	0,163	46,667	0,158	-124,560	0,000	-0,290	0,000	-0,748	0,000

Structural element	Node [10⁻]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N-- [kN/m]	N--- [kN/m]	Q-- [kN/m]	Q--- [kN/m]	M-- [kN m/m]	M--- [kN m/m]
Element 2-36 (Embedded beam row)	16234	2	12,300	-17,206	-123,663	-0,243	-0,816	7,459	0,160	46,667	0,160	-123,663	0,000	-0,253	0,000	-0,816	0,000
(palo 1500)	16235	3	12,300	-17,463	-122,746	-0,202	-0,873	7,530	0,159	46,667	0,161	-122,746	0,000	-0,216	0,000	-0,873	0,000
	16236	4	12,300	-17,720	-121,811	-0,161	-0,920	7,601	0,157	46,667	0,163	-121,811	0,000	-0,180	0,000	-0,920	0,000
	16237	5	12,300	-17,977	-120,859	-0,121	-0,956	7,674	0,155	46,667	0,164	-120,859	0,000	-0,145	0,000	-0,956	0,000
EmbeddedBeamRow_2_1	16237	1	12,300	-17,977	-120,858	-0,121	-0,956	7,674	0,155	46,667	0,164	-120,858	0,000	-0,145	0,000	-0,956	0,000
Element 2-37 (Embedded beam row)	16238	2	12,300	-18,238	-119,871	-0,081	-0,982	7,748	0,154	46,667	0,166	-119,871	0,000	-0,109	0,000	-0,982	0,000
(palo 1500)	16239	3	12,300	-18,499	-118,864	-0,041	-0,998	7,823	0,152	46,667	0,168	-118,864	0,000	-0,074	0,000	-0,998	0,000
	16240	4	12,300	-18,760	-117,837	-0,001	-1,004	7,899	0,150	46,667	0,169	-117,837	0,000	-0,057	0,000	-1,004	0,000
	16241	5	12,300	-19,021	-116,791	0,038	-0,999	7,976	0,148	46,667	0,171	-116,791	0,000	-0,043	0,038	-0,999	0,000
EmbeddedBeamRow_2_1	16241	1	12,300	-19,021	-116,790	0,038	-0,999	7,976	0,148	46,667	0,171	-116,790	0,000	-0,043	0,038	-0,999	0,000
Element 2-38 (Embedded beam row)	16242	2	12,300	-19,286	-115,706	0,077	-0,983	8,055	0,146	46,667	0,173	-115,706	0,000	-0,028	0,077	-0,983	0,000
(palo 1500)	16243	3	12,300	-19,551	-114,601	0,115	-0,958	8,135	0,143	46,667	0,174	-114,601	0,000	-0,014	0,115	-0,958	0,000
	16244	4	12,300	-19,817	-113,474	0,153	-0,922	8,215	0,140	46,667	0,176	-113,474	0,000	0,000	0,153	-0,922	0,000
	16245	5	12,300	-20,082	-112,327	0,189	-0,877	8,295	0,135	46,667	0,178	-112,327	0,000	0,000	0,189	-0,877	0,000
EmbeddedBeamRow_2_1	16245	1	12,300	-20,082	-112,326	0,189	-0,877	8,295	0,135	46,667	0,178	-112,326	0,000	0,000	0,189	-0,877	0,000
Element 2-39 (Embedded beam row)	16246	2	12,300	-20,351	-111,139	0,225	-0,821	8,378	0,130	46,667	0,180	-111,139	0,000	0,000	0,225	-0,837	0,000
(palo 1500)	16247	3	12,300	-20,621	-109,928	0,259	-0,756	8,461	0,124	46,667	0,181	-109,928	0,000	0,000	0,259	-0,789	0,000
	16248	4	12,300	-20,890	-108,695	0,292	-0,682	8,544	0,117	46,667	0,183	-108,695	0,000	0,000	0,292	-0,733	0,000
	16249	5	12,300	-21,160	-107,440	0,323	-0,599	8,627	0,109	46,667	0,185	-107,440	0,000	0,000	0,323	-0,669	0,000
EmbeddedBeamRow_2_1	16249	1	12,300	-21,160	-107,440	0,322	-0,599	8,627	0,109	46,667	0,185	-107,440	0,000	0,000	0,322	-0,669	0,000
Element 2-40 (Embedded beam row)	16250	2	12,300	-21,433	-106,142	0,351	-0,507	8,711	0,099	46,667	0,187	-106,142	0,000	0,000	0,351	-0,597	0,000
(palo 1500)	16251	3	12,300	-21,707	-104,821	0,377	-0,407	8,795	0,088	46,667	0,188	-104,821	0,000	0,000	0,377	-0,517	0,000
	16252	4	12,300	-21,981	-103,476	0,399	-0,301	8,879	0,075	46,667	0,190	-103,476	0,000	0,000	0,399	-0,431	0,000
	16253	5	12,300	-22,255	-102,109	0,418	-0,189	8,962	0,061	46,667	0,192	-102,109	0,000	0,000	0,418	-0,340	0,000
EmbeddedBeamRow_2_1	16253	1	12,300	-22,255	-102,109	0,417	-0,189	8,962	0,061	46,667	0,192	-102,109	0,000	0,000	0,417	-0,340	0,000
Element 2-41 (Embedded beam row)	16254	2	12,300	-22,533	-100,697	0,433	-0,070	9,045	0,045	46,667	0,194	-100,697	0,000	0,000	0,433	-0,267	0,000
(palo 1500)	16255	3	12,300	-22,811	-99,262	0,443	0,051	9,128	0,028	46,667	0,196	-99,262	0,000	0,000	0,443	-0,233	0,051
	16256	4	12,300	-23,089	-97,803	0,448	0,175	9,208	0,009	46,667	0,197	-97,803	0,000	0,000	0,448	-0,198	0,175
	16257	5	12,300	-23,367	-96,324	0,448	0,300	9,287	-0,012	46,667	0,199	-96,324	0,000	0,000	0,448	-0,160	0,300
EmbeddedBeamRow_2_1	16257	1	12,300	-23,367	-96,324	0,447	0,300	9,287	-0,012	46,667	0,199	-96,324	0,000	0,000	0,447	-0,160	0,300
Element 2-42 (Embedded beam row)	16258	2	12,300	-23,650	-94,798	0,441	0,426	9,364	-0,035	46,667	0,201	-94,798	0,000	0,000	0,441	-0,121	0,426
(palo 1500)	16259	3	12,300	-23,933	-93,250	0,428	0,549	9,439	-0,060	46,667	0,202	-93,250	0,000	0,000	0,428	-0,081	0,549
	16260	4	12,300	-24,215	-91,682	0,407	0,667	9,511	-0,086	46,667	0,204	-91,682	0,000	0,000	0,407	-0,041	0,667
	16261	5	12,300	-24,498	-90,094	0,379	0,778	9,578	-0,114	46,667	0,205	-90,094	0,000	0,000	0,379	-0,002	0,778
EmbeddedBeamRow_2_1	16261	1	12,300	-24,498	-90,094	0,379	0,778	9,578	-0,114	46,667	0,205	-90,094	0,000	0,000	0,379	-0,002	0,778
Element 2-43 (Embedded beam row)	16262	2	12,300	-24,785	-88,462	0,342	0,882	9,644	-0,144	46,667	0,207	-88,462	0,000	0,000	0,342	0,000	0,882

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N-- [kN/m]	N--- [kN/m]	Q-- [kN/m]	Q--- [kN/m]	M-- [kN m/m]	M--- [kN m/m]
(palo 1500)	16263	3	12,300	-25,072	-86,811	0,296	0,974	9,704	-0,176	46,667	0,208	-86,811	0,000	0,000	0,296	0,000	0,974
	16264	4	12,300	-25,360	-85,144	0,241	1,051	9,760	-0,209	46,667	0,209	-85,144	0,000	0,000	0,241	0,000	1,051
	16265	5	12,300	-25,647	-83,461	0,176	1,111	9,811	-0,243	46,667	0,210	-83,461	0,000	0,000	0,189	0,000	1,111
EmbeddedBeamRow_2_1	16265	1	12,300	-25,647	-83,461	0,177	1,111	9,811	-0,243	46,667	0,210	-83,461	0,000	0,000	0,190	0,000	1,111
Element 2-44 (Embedded beam row)	16266	2	12,300	-25,939	-81,737	0,100	1,151	9,860	-0,271	46,667	0,211	-81,737	0,000	0,000	0,130	0,000	1,151
(palo 1500)	16267	3	12,300	-26,230	-79,999	0,019	1,169	9,906	-0,289	46,667	0,212	-79,999	0,000	0,000	0,073	0,000	1,169
	16268	4	12,300	-26,522	-78,248	-0,067	1,162	9,946	-0,298	46,667	0,213	-78,248	0,000	-0,067	0,054	0,000	1,162
	16269	5	12,300	-26,814	-76,486	-0,155	1,130	9,981	-0,295	46,667	0,214	-76,486	0,000	-0,155	0,031	0,000	1,130
EmbeddedBeamRow_2_1	16269	1	12,300	-26,814	-76,488	-0,152	1,130	9,981	-0,295	46,667	0,214	-76,488	0,000	-0,152	0,031	0,000	1,130
Element 2-45 (Embedded beam row)	16270	2	12,300	-27,110	-74,686	-0,241	1,071	10,014	-0,284	46,667	0,215	-74,686	0,000	-0,241	0,005	0,000	1,071
(palo 1500)	16271	3	12,300	-27,407	-72,879	-0,321	0,987	10,032	-0,260	46,667	0,215	-72,879	0,000	-0,321	0,000	0,000	0,987
	16272	4	12,300	-27,703	-71,068	-0,392	0,882	10,038	-0,220	46,667	0,215	-71,068	0,000	-0,392	0,000	0,000	0,882
	16273	5	12,300	-28,000	-69,255	-0,452	0,756	10,027	-0,157	46,667	0,215	-69,255	0,000	-0,452	0,000	0,000	0,756
EmbeddedBeamRow_2_1	16273	1	12,300	-28,000	-69,301	-0,430	0,756	10,027	-0,157	46,667	0,215	-69,301	0,000	-0,430	0,000	0,000	0,756
Element 2-46 (Embedded beam row)	16274	2	12,300	-28,468	-66,377	-0,512	0,533	10,021	-0,055	46,667	0,215	-66,377	0,000	-0,512	0,000	0,000	0,533
(palo 1500)	16275	3	12,300	-28,935	-63,586	-0,487	0,294	9,864	0,126	46,667	0,211	-63,586	0,000	-0,487	0,000	0,000	0,294
	16276	4	12,300	-29,403	-60,979	-0,338	0,096	9,234	0,478	46,667	0,198	-60,979	0,000	-0,338	0,000	0,000	0,096
	16277	5	12,300	-29,870	-58,606	-0,047	0,000	7,832	1,097	46,667	0,168	-58,606	0,000	-0,047	0,000	0,000	0,000

3.3.2.1.10 Calculation results, Embedded beam row, Versante - fase B [Phase_10] (10/34), Table of embedded pile row force envelopes

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T--- [kN/m/m]	T---,--- [kN/m/m]	T---,---	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
EmbeddedBeamRow_1_1	16092	1	4,500	-5,870	-198,372	-11,067	13,356	0,000	0,000	46,667	0,000	-198,372	0,000	-11,067	0,000	-4,001	13,356
Element 1-1 (Embedded beam row)	16093	2	4,500	-6,009	-199,043	-11,164	11,817	-1,139	-0,775	46,667	0,024	-199,043	0,000	-11,164	0,000	-4,339	11,817
(palo 1500)	16094	3	4,500	-6,147	-199,778	-11,284	10,261	-1,644	-1,006	46,667	0,035	-199,778	0,000	-11,284	0,000	-4,676	10,261
	16095	4	4,500	-6,286	-200,573	-11,424	8,688	-2,004	-1,048	46,667	0,043	-200,573	0,000	-11,424	0,000	-5,011	8,688
	16096	5	4,500	-6,424	-201,423	-11,577	7,095	-2,466	-0,972	46,667	0,053	-201,423	0,000	-11,577	0,000	-5,342	7,095
EmbeddedBeamRow_1_1	16096	1	4,500	-6,424	-201,425	-11,567	7,095	-4,808	-1,896	46,667	0,103	-201,425	0,000	-11,567	0,000	-5,342	7,095
Element 1-2 (Embedded beam row)	16097	2	4,500	-6,614	-203,093	-11,908	4,873	-4,952	-1,675	46,667	0,106	-203,093	0,000	-11,908	0,000	-5,785	4,873
(palo 1500)	16098	3	4,500	-6,803	-204,785	-12,201	2,591	-5,082	-1,422	46,667	0,109	-204,785	0,000	-12,201	0,000	-6,210	2,591
	16099	4	4,500	-6,992	-206,500	-12,444	0,257	-5,183	-1,149	46,667	0,111	-206,500	0,000	-12,444	0,000	-6,614	0,257
	16100	5	4,500	-7,181	-208,233	-12,636	-2,116	-5,252	-0,858	46,667	0,113	-208,233	0,000	-12,636	0,000	-6,993	0,000
EmbeddedBeamRow_1_1	16100	1	4,500	-7,181	-208,229	-12,634	-2,116	-5,252	-0,858	46,667	0,113	-208,229	0,000	-12,634	0,000	-6,993	0,000
Element 1-3 (Embedded beam row)	16101	2	4,500	-7,379	-210,049	-12,773	-4,624	-5,290	-0,543	46,667	0,113	-210,049	0,000	-12,773	0,000	-7,924	0,000
(palo 1500)	16102	3	4,500	-7,576	-211,868	-12,849	-7,155	-5,293	-0,220	46,667	0,113	-211,868	0,000	-12,849	0,000	-9,442	0,000
	16103	4	4,500	-7,773	-213,684	-12,860	-9,694	-5,260	0,106	46,667	0,113	-213,684	0,000	-12,860	0,000	-11,279	0,000
	16104	5	4,500	-7,971	-215,495	-12,807	-12,228	-5,193	0,430	46,667	0,111	-215,495	0,000	-12,807	0,000	-13,113	0,000
EmbeddedBeamRow_1_1	16104	1	4,500	-7,971	-215,490	-12,808	-12,228	-5,193	0,430	46,667	0,111	-215,490	0,000	-12,808	0,000	-13,113	0,000
Element 1-4 (Embedded beam row)	16105	2	4,500	-8,177	-217,361	-12,684	-14,852	-5,088	0,760	46,667	0,109	-217,361	0,000	-12,684	0,000	-15,013	0,000
(palo 1500)	16106	3	4,500	-8,383	-219,203	-12,495	-17,446	-4,949	1,078	46,667	0,106	-219,203	0,000	-12,495	0,000	-17,446	0,000
	16107	4	4,500	-8,589	-221,012	-12,242	-19,995	-4,779	1,379	46,667	0,102	-221,012	0,000	-12,242	0,000	-19,995	0,000
	16108	5	4,500	-8,794	-222,788	-11,927	-22,483	-4,580	1,661	46,667	0,098	-222,788	0,000	-11,927	0,000	-22,483	0,000
EmbeddedBeamRow_1_1	16108	1	4,500	-8,794	-222,784	-11,931	-22,483	-4,580	1,661	46,667	0,098	-222,784	0,000	-11,931	0,000	-22,483	0,000
Element 1-5 (Embedded beam row)	16109	2	4,500	-9,009	-224,588	-11,541	-25,004	-4,345	1,930	46,667	0,093	-224,588	0,000	-11,541	0,000	-25,004	0,000
(palo 1500)	16110	3	4,500	-9,224	-226,337	-11,101	-27,437	-4,086	2,170	46,667	0,088	-226,337	0,000	-11,101	0,000	-27,437	0,000
	16111	4	4,500	-9,439	-228,028	-10,614	-29,770	-3,806	2,378	46,667	0,082	-228,028	0,000	-10,614	0,000	-29,770	0,000
	16112	5	4,500	-9,654	-229,659	-10,079	-31,993	-3,509	2,554	46,667	0,075	-229,659	0,000	-10,079	0,049	-31,993	0,000
EmbeddedBeamRow_1_1	16112	1	4,500	-9,654	-229,657	-10,086	-31,993	-3,509	2,554	46,667	0,075	-229,657	0,000	-10,086	0,049	-31,993	0,000
Element 1-6 (Embedded beam row)	16113	2	4,500	-9,878	-231,287	-9,492	-34,185	-3,185	2,700	46,667	0,068	-231,287	0,000	-9,492	0,193	-34,185	0,000
(palo 1500)	16114	3	4,500	-10,102	-232,843	-8,875	-36,243	-2,852	2,808	46,667	0,061	-232,843	0,000	-8,875	0,332	-36,243	0,000
	16115	4	4,500	-10,326	-234,324	-8,239	-38,161	-2,513	2,878	46,667	0,054	-234,324	0,000	-8,239	0,460	-38,161	0,000
	16116	5	4,500	-10,550	-235,728	-7,585	-39,934	-2,172	2,910	46,667	0,047	-235,728	0,000	-7,585	0,577	-39,934	0,000
EmbeddedBeamRow_1_1	16116	1	4,500	-10,550	-235,730	-7,592	-39,934	-2,172	2,910	46,667	0,047	-235,730	0,000	-7,592	0,577	-39,934	0,000
Element 1-7 (Embedded beam row)	16117	2	4,500	-10,783	-237,112	-6,907	-41,627	-1,820	2,907	46,667	0,039	-237,112	0,000	-6,907	0,686	-41,627	0,000

Structural element	Node [10⁻¹]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T-- [kN/m/m]	T-- [kN/m/m]	T--- [kN/m/m]	T---	N-- [kN/m]	N-- [kN/m]	Q-- [kN/m]	Q-- [kN/m]	M-- [kN m/m]	M-- [kN m/m]
(palo 1500)	16118	3	4,500	-11,017	-238,415	-6,233	-43,162	-1,474	2,868	46,667	0,032	-238,415	0,000	-6,233	0,781	-43,162	0,000
	16119	4	4,500	-11,251	-239,638	-5,572	-44,542	-1,137	2,796	46,667	0,024	-239,638	0,000	-5,572	0,861	-44,542	0,000
	16120	5	4,500	-11,484	-240,781	-4,926	-45,768	-0,811	2,689	46,667	0,017	-240,781	0,000	-4,926	0,927	-45,768	0,000
EmbeddedBeamRow_1_1	16120	1	4,500	-11,484	-240,784	-4,932	-45,768	-1,216	4,034	46,667	0,026	-240,784	0,000	-4,932	0,927	-45,768	0,000
Element 1-8 (Embedded beam row)	16121	2	4,500	-11,732	-241,989	-3,942	-46,866	-0,689	3,928	46,667	0,015	-241,989	0,000	-3,942	1,018	-46,866	0,000
(palo 1500)	16122	3	4,500	-11,980	-243,069	-2,986	-47,723	-0,175	3,795	46,667	0,004	-243,069	0,000	-2,986	1,103	-47,723	0,000
	16123	4	4,500	-12,227	-244,024	-2,066	-48,348	0,324	3,637	46,667	0,007	-244,024	0,000	-2,066	1,180	-48,348	0,000
	16124	5	4,500	-12,475	-244,854	-1,184	-48,749	0,807	3,458	46,667	0,017	-244,854	0,000	-1,184	1,251	-48,749	0,000
EmbeddedBeamRow_1_1	16124	1	4,500	-12,475	-244,857	-1,187	-48,749	0,807	3,458	46,667	0,017	-244,857	0,000	-1,187	1,251	-48,749	0,000
Element 1-9 (Embedded beam row)	16125	2	4,500	-12,726	-245,579	-0,341	-48,940	1,282	3,259	46,667	0,027	-245,579	0,000	-0,341	1,315	-48,940	0,000
(palo 1500)	16126	3	4,500	-12,978	-246,186	0,451	-48,925	1,742	3,045	46,667	0,037	-246,186	0,000	0,000	1,372	-48,925	0,000
	16127	4	4,500	-13,229	-246,680	1,188	-48,718	2,185	2,821	46,667	0,047	-246,680	0,000	0,000	1,421	-48,718	0,000
	16128	5	4,500	-13,480	-247,061	1,869	-48,333	2,613	2,591	46,667	0,056	-247,061	0,000	0,000	1,869	-48,333	0,000
EmbeddedBeamRow_1_1	16128	1	4,500	-13,480	-247,065	1,869	-48,333	2,613	2,591	46,667	0,056	-247,065	0,000	0,000	1,869	-48,333	0,000
Element 1-10 (Embedded beam row)	16129	2	4,500	-13,735	-247,344	2,499	-47,775	3,032	2,352	46,667	0,065	-247,344	0,000	0,000	2,499	-47,775	0,000
(palo 1500)	16130	3	4,500	-13,990	-247,521	3,069	-47,063	3,436	2,112	46,667	0,074	-247,521	0,000	0,000	3,069	-47,063	0,000
	16131	4	4,500	-14,246	-247,597	3,577	-46,214	3,825	1,873	46,667	0,082	-247,597	0,000	0,000	3,577	-46,214	0,000
	16132	5	4,500	-14,501	-247,573	4,024	-45,243	4,201	1,637	46,667	0,090	-247,573	0,000	0,000	4,024	-45,243	0,000
EmbeddedBeamRow_1_1	16132	1	4,500	-14,501	-247,576	4,025	-45,243	4,201	1,637	46,667	0,090	-247,576	0,000	0,000	4,025	-45,243	0,000
Element 1-11 (Embedded beam row)	16133	2	4,500	-14,760	-247,455	4,417	-44,149	4,568	1,401	46,667	0,098	-247,455	0,000	0,000	4,417	-44,149	0,000
(palo 1500)	16134	3	4,500	-15,018	-247,243	4,750	-42,961	4,923	1,171	46,667	0,105	-247,243	0,000	0,000	4,750	-42,961	0,000
	16135	4	4,500	-15,277	-246,941	5,025	-41,694	5,266	0,948	46,667	0,113	-246,941	0,000	0,000	5,025	-41,694	0,000
	16136	5	4,500	-15,536	-246,550	5,241	-40,364	5,597	0,734	46,667	0,120	-246,550	0,000	0,000	5,241	-40,364	0,000
EmbeddedBeamRow_1_1	16136	1	4,500	-15,536	-246,552	5,243	-40,364	5,597	0,734	46,667	0,120	-246,552	0,000	0,000	5,243	-40,364	0,000
Element 1-12 (Embedded beam row)	16137	2	4,500	-15,799	-246,069	5,407	-38,964	5,922	0,525	46,667	0,127	-246,069	0,000	0,000	5,407	-38,964	0,000
(palo 1500)	16138	3	4,500	-16,062	-245,503	5,519	-37,527	6,236	0,326	46,667	0,134	-245,503	0,000	0,000	5,519	-37,527	0,000
	16139	4	4,500	-16,325	-244,857	5,580	-36,068	6,539	0,138	46,667	0,140	-244,857	0,000	0,000	5,580	-36,068	0,000
	16140	5	4,500	-16,587	-244,131	5,591	-34,599	6,832	-0,038	46,667	0,146	-244,131	0,000	0,000	5,591	-34,599	0,000
EmbeddedBeamRow_1_1	16140	1	4,500	-16,587	-244,133	5,594	-34,599	6,832	-0,038	46,667	0,146	-244,133	0,000	0,000	5,594	-34,599	0,000
Element 1-13 (Embedded beam row)	16141	2	4,500	-16,854	-243,318	5,559	-33,111	7,119	-0,205	46,667	0,153	-243,318	0,000	0,000	5,559	-33,111	0,000
(palo 1500)	16142	3	4,500	-17,121	-242,430	5,484	-31,638	7,395	-0,359	46,667	0,158	-242,430	0,000	0,000	5,484	-31,638	0,000
	16143	4	4,500	-17,387	-241,470	5,370	-30,189	7,662	-0,499	46,667	0,164	-241,470	0,000	0,000	5,370	-30,189	0,187
	16144	5	4,500	-17,654	-240,438	5,218	-28,777	7,919	-0,624	46,667	0,170	-240,438	0,000	0,000	5,218	-28,777	0,555
EmbeddedBeamRow_1_1	16144	1	4,500	-17,654	-240,439	5,221	-28,777	7,919	-0,624	46,667	0,170	-240,439	0,000	0,000	5,221	-28,777	0,555
Element 1-14 (Embedded beam row)	16145	2	4,500	-17,925	-239,324	5,034	-27,389	8,171	-0,735	46,667	0,175	-239,324	0,000	0,000	5,034	-27,389	0,916
(palo 1500)	16146	3	4,500	-18,195	-238,142	4,823	-26,054	8,413	-0,829	46,667	0,180	-238,142	0,000	0,000	4,823	-26,054	1,263

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N-- - [kN/m]	N--- [kN/m]	Q-- - [kN/m]	Q--- [kN/m]	M- - - [kN m/m]	M--- [kN m/m]
	16147	4	4,500	-18,466	-236,897	4,589	-24,779	8,647	-0,905	46,667	0,185	-236,897	0,000	0,000	4,589	-24,779	1,594
	16148	5	4,500	-18,737	-235,588	4,333	-23,571	8,873	-0,962	46,667	0,190	-235,588	0,000	0,000	4,333	-23,571	1,909
EmbeddedBeamRow_1_1	16148	1	4,500	-18,737	-235,588	4,337	-23,571	8,873	-0,962	46,667	0,190	-235,588	0,000	0,000	4,337	-23,571	1,909
Element 1-15 (Embedded beam row)	16149	2	4,500	-19,011	-234,199	4,064	-22,418	9,097	-1,000	46,667	0,195	-234,199	0,000	0,000	4,064	-22,418	2,210
(palo 1500)	16150	3	4,500	-19,286	-232,748	3,787	-21,339	9,316	-1,019	46,667	0,200	-232,748	0,000	0,000	3,787	-21,339	2,492
	16151	4	4,500	-19,561	-231,238	3,508	-20,336	9,532	-1,017	46,667	0,204	-231,238	0,000	0,000	3,508	-20,336	2,754
	16152	5	4,500	-19,836	-229,669	3,228	-19,411	9,747	-0,996	46,667	0,209	-229,669	0,000	0,000	3,228	-19,411	2,995
EmbeddedBeamRow_1_1	16152	1	4,500	-19,836	-229,668	3,232	-19,411	9,747	-0,996	46,667	0,209	-229,668	0,000	0,000	3,232	-19,411	2,995
Element 1-16 (Embedded beam row)	16153	2	4,500	-20,114	-228,016	2,957	-18,549	9,968	-0,957	46,667	0,214	-228,016	0,000	0,000	2,957	-18,549	3,217
(palo 1500)	16154	3	4,500	-20,393	-226,300	2,698	-17,761	10,193	-0,901	46,667	0,218	-226,300	0,000	0,000	2,698	-17,761	3,416
	16155	4	4,500	-20,672	-224,520	2,458	-17,043	10,425	-0,830	46,667	0,223	-224,520	0,000	0,000	2,458	-17,043	3,591
	16156	5	4,500	-20,951	-222,677	2,236	-16,389	10,666	-0,747	46,667	0,229	-222,677	0,000	0,000	2,236	-16,389	3,740
EmbeddedBeamRow_1_1	16156	1	4,500	-20,951	-222,674	2,238	-16,389	10,666	-0,747	46,667	0,229	-222,674	0,000	0,000	2,238	-16,389	3,740
Element 1-17 (Embedded beam row)	16157	2	4,500	-21,234	-220,734	2,038	-15,785	10,921	-0,653	46,667	0,234	-220,734	0,000	0,000	2,038	-15,785	3,867
(palo 1500)	16158	3	4,500	-21,517	-218,717	1,868	-15,233	11,185	-0,554	46,667	0,240	-218,717	0,000	0,000	1,868	-15,233	3,967
	16159	4	4,500	-21,800	-216,624	1,726	-14,725	11,460	-0,452	46,667	0,246	-216,624	0,000	0,000	1,726	-14,725	4,040
	16160	5	4,500	-22,083	-214,455	1,612	-14,254	11,745	-0,349	46,667	0,252	-214,455	0,000	0,000	1,612	-14,254	4,086
EmbeddedBeamRow_1_1	16160	1	4,500	-22,083	-214,451	1,612	-14,254	11,745	-0,349	46,667	0,252	-214,451	0,000	0,000	1,612	-14,254	4,086
Element 1-18 (Embedded beam row)	16161	2	4,500	-22,370	-212,166	1,527	-13,804	12,043	-0,247	46,667	0,258	-212,166	0,000	0,000	1,527	-13,804	4,105
(palo 1500)	16162	3	4,500	-22,657	-209,791	1,470	-13,374	12,350	-0,150	46,667	0,265	-209,791	0,000	-0,080	1,470	-13,374	4,096
	16163	4	4,500	-22,944	-207,326	1,440	-12,957	12,663	-0,059	46,667	0,271	-207,326	0,000	-0,176	1,440	-12,957	4,059
	16164	5	4,500	-23,231	-204,774	1,436	-12,544	12,983	0,026	46,667	0,278	-204,774	0,000	-0,272	1,436	-12,544	3,995
EmbeddedBeamRow_1_1	16164	1	4,500	-23,231	-204,771	1,435	-12,544	12,983	0,026	46,667	0,278	-204,771	0,000	-0,271	1,435	-12,544	3,995
Element 1-19 (Embedded beam row)	16165	2	4,500	-23,523	-202,086	1,455	-12,124	13,314	0,104	46,667	0,285	-202,086	0,000	-0,366	1,455	-12,124	3,902
(palo 1500)	16166	3	4,500	-23,814	-199,300	1,495	-11,694	13,650	0,176	46,667	0,293	-199,300	0,000	-0,456	1,495	-11,694	3,782
	16167	4	4,500	-24,106	-196,416	1,556	-11,250	13,991	0,241	46,667	0,300	-196,416	0,000	-0,540	1,556	-11,250	3,637
	16168	5	4,500	-24,397	-193,434	1,636	-10,786	14,333	0,296	46,667	0,307	-193,434	0,000	-0,617	1,636	-10,786	3,468
EmbeddedBeamRow_1_1	16168	1	4,500	-24,397	-193,433	1,633	-10,786	14,333	0,296	46,667	0,307	-193,433	0,000	-0,616	1,633	-10,786	3,468
Element 1-20 (Embedded beam row)	16169	2	4,500	-24,693	-190,304	1,730	-10,288	14,679	0,339	46,667	0,315	-190,304	0,000	-0,685	1,730	-10,288	3,275
(palo 1500)	16170	3	4,500	-24,989	-187,073	1,834	-9,761	15,021	0,369	46,667	0,322	-187,073	0,000	-0,743	1,834	-9,761	3,064
	16171	4	4,500	-25,285	-183,741	1,945	-9,203	15,357	0,384	46,667	0,329	-183,741	0,000	-0,791	1,945	-9,203	2,836
	16172	5	4,500	-25,580	-180,311	2,061	-8,610	15,688	0,384	46,667	0,336	-180,311	0,000	-0,828	2,061	-8,610	2,597
EmbeddedBeamRow_1_1	16172	1	4,500	-25,580	-180,311	2,057	-8,610	15,688	0,384	46,667	0,336	-180,311	0,000	-0,828	2,057	-8,610	2,597
Element 1-21 (Embedded beam row)	16173	2	4,500	-25,881	-176,731	2,174	-7,975	16,015	0,368	46,667	0,343	-176,731	0,000	-0,853	2,174	-7,975	2,344
(palo 1500)	16174	3	4,500	-26,181	-173,054	2,279	-7,306	16,332	0,334	46,667	0,350	-173,054	0,000	-0,865	2,279	-7,306	2,086
	16175	4	4,500	-26,481	-169,284	2,371	-6,608	16,636	0,281	46,667	0,356	-169,284	0,000	-0,863	2,371	-6,608	1,826

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
	16176	5	4,500	-26,781	-165,423	2,448	-5,884	16,925	0,208	46,667	0,363	-165,423	0,000	-0,847	2,448	-5,884	1,569
EmbeddedBeamRow_1_1	16176	1	4,500	-26,781	-165,427	2,442	-5,884	16,925	0,208	46,667	0,363	-165,427	0,000	-0,847	2,442	-5,884	1,569
Element 1-22 (Embedded beam row)	16177	2	4,500	-27,086	-161,420	2,496	-5,131	17,203	0,108	46,667	0,369	-161,420	0,000	-0,816	2,496	-5,131	1,315
(palo 1500)	16178	3	4,500	-27,391	-157,337	2,509	-4,367	17,452	-0,017	46,667	0,374	-157,337	0,000	-0,771	2,509	-4,367	1,073
	16179	4	4,500	-27,695	-153,183	2,479	-3,606	17,668	-0,172	46,667	0,379	-153,183	0,000	-0,711	2,479	-3,606	0,847
	16180	5	4,500	-28,000	-148,964	2,405	-2,861	17,831	-0,362	46,667	0,382	-148,964	0,000	-0,637	2,405	-2,861	0,641
EmbeddedBeamRow_1_1	16180	1	4,500	-28,000	-149,017	2,386	-2,861	17,831	-0,362	46,667	0,382	-149,017	0,000	-0,635	2,386	-2,861	0,641
Element 1-23 (Embedded beam row)	16181	2	4,500	-28,468	-142,386	2,150	-1,792	18,049	-0,750	46,667	0,387	-142,386	0,000	-0,510	2,150	-1,792	0,373
(palo 1500)	16182	3	4,500	-28,935	-135,795	1,688	-0,885	18,092	-1,206	46,667	0,388	-135,795	0,000	-0,360	1,688	-0,885	0,168
	16183	4	4,500	-29,403	-129,299	0,988	-0,250	17,646	-1,766	46,667	0,378	-129,299	0,000	-0,184	0,988	-0,250	0,040
	16184	5	4,500	-29,870	-122,951	0,041	0,000	16,412	-2,570	46,667	0,352	-122,951	0,000	0,000	0,041	0,000	0,000
EmbeddedBeamRow_2_1	16185	1	12,300	-5,870	-191,807	6,172	-38,267	0,000	0,000	46,667	0,000	-192,885	0,000	0,000	6,172	-38,267	3,563
Element 2-24 (Embedded beam row)	16186	2	12,300	-5,979	-192,247	6,155	-37,596	-0,146	-0,159	46,667	0,003	-193,320	0,000	0,000	6,155	-37,596	3,633
(palo 1500)	16187	3	12,300	-6,088	-192,695	6,137	-36,925	-0,221	-0,179	46,667	0,005	-193,762	0,000	0,000	6,137	-36,925	3,704
	16188	4	12,300	-6,197	-193,151	6,118	-36,257	-0,279	-0,180	46,667	0,006	-194,209	0,000	0,000	6,118	-36,257	3,776
	16189	5	12,300	-6,306	-193,613	6,098	-35,591	-0,334	-0,173	46,667	0,007	-194,661	0,000	0,000	6,098	-35,591	3,846
EmbeddedBeamRow_2_1	16189	1	12,300	-6,306	-193,613	6,097	-35,591	-0,334	-0,173	46,667	0,007	-194,661	0,000	0,000	6,097	-35,591	3,846
Element 2-25 (Embedded beam row)	16190	2	12,300	-6,470	-194,316	6,072	-34,597	-0,424	-0,156	46,667	0,009	-195,345	0,000	0,000	6,072	-34,597	3,950
(palo 1500)	16191	3	12,300	-6,633	-195,035	6,047	-33,607	-0,518	-0,148	46,667	0,011	-196,038	0,000	0,000	6,047	-33,607	4,051
	16192	4	12,300	-6,796	-195,770	6,022	-32,620	-0,625	-0,153	46,667	0,013	-196,739	0,000	0,000	6,022	-32,620	4,147
	16193	5	12,300	-6,960	-196,522	5,997	-31,638	-0,748	-0,166	46,667	0,016	-197,449	0,000	0,000	5,997	-31,638	4,238
EmbeddedBeamRow_2_1	16193	1	12,300	-6,960	-196,530	5,993	-31,638	-0,748	-0,166	46,667	0,016	-197,451	0,000	0,000	5,993	-31,638	4,238
Element 2-26 (Embedded beam row)	16194	2	12,300	-7,205	-197,691	5,953	-30,175	-0,964	-0,201	46,667	0,021	-198,528	0,000	0,000	5,953	-30,175	4,364
(palo 1500)	16195	3	12,300	-7,450	-198,923	5,896	-28,723	-1,213	-0,256	46,667	0,026	-199,632	0,000	0,000	5,896	-28,723	4,476
	16196	4	12,300	-7,695	-200,234	5,817	-27,288	-1,604	-0,375	46,667	0,034	-200,765	0,000	0,000	5,817	-27,288	4,574
	16197	5	12,300	-7,940	-201,630	5,714	-25,875	-2,358	-0,666	46,667	0,051	-201,928	0,000	0,000	5,714	-25,875	4,661
EmbeddedBeamRow_2_1	16197	1	12,300	-7,940	-201,665	5,702	-25,875	-4,599	-1,298	46,667	0,099	-201,937	0,000	0,000	5,702	-25,875	4,661
Element 2-27 (Embedded beam row)	16198	2	12,300	-8,193	-203,795	5,361	-24,476	-4,437	-1,360	46,667	0,095	-203,795	0,000	0,000	5,361	-24,476	4,735
(palo 1500)	16199	3	12,300	-8,446	-205,896	5,013	-23,163	-4,312	-1,390	46,667	0,092	-205,896	0,000	0,000	5,013	-23,163	4,789
	16200	4	12,300	-8,699	-207,965	4,660	-21,939	-4,186	-1,400	46,667	0,090	-207,965	0,000	0,000	4,660	-21,939	4,819
	16201	5	12,300	-8,952	-210,001	4,304	-20,805	-4,049	-1,398	46,667	0,087	-210,001	0,000	-0,031	4,304	-20,805	4,824
EmbeddedBeamRow_2_1	16201	1	12,300	-8,952	-210,000	4,307	-20,805	-4,049	-1,398	46,667	0,087	-210,000	0,000	-0,030	4,307	-20,805	4,824
Element 2-28 (Embedded beam row)	16202	2	12,300	-9,205	-212,001	3,953	-19,761	-3,908	-1,384	46,667	0,084	-212,001	0,000	-0,136	3,953	-19,761	4,803
(palo 1500)	16203	3	12,300	-9,458	-213,964	3,606	-18,804	-3,759	-1,360	46,667	0,081	-213,964	0,000	-0,243	3,606	-18,804	4,755
	16204	4	12,300	-9,711	-215,889	3,266	-17,935	-3,603	-1,328	46,667	0,077	-215,889	0,000	-0,350	3,266	-17,935	4,680
	16205	5	12,300	-9,964	-217,774	2,934	-17,151	-3,438	-1,287	46,667	0,074	-217,774	0,000	-0,457	2,934	-17,151	4,578

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N -- [kN/m]	N --- [kN/m]	Q -- [kN/m]	Q --- [kN/m]	M - - [kN m/m]	M --- [kN m/m]
EmbeddedBeamRow_2_1	16205	1	12,300	-9,964	-217,773	2,936	-17,151	-3,438	-1,287	46,667	0,074	-217,773	0,000	-0,456	2,936	-17,151	4,578
Element 2-29 (Embedded beam row)	16206	2	12,300	-10,217	-219,616	2,615	-16,449	-3,267	-1,239	46,667	0,070	-219,616	0,000	-0,560	2,615	-16,449	4,450
(palo 1500)	16207	3	12,300	-10,470	-221,413	2,309	-15,827	-3,087	-1,184	46,667	0,066	-221,413	0,000	-0,658	2,309	-15,827	4,295
	16208	4	12,300	-10,723	-223,164	2,017	-15,280	-2,901	-1,125	46,667	0,062	-223,164	0,000	-0,751	2,017	-15,280	4,117
	16209	5	12,300	-10,976	-224,868	1,740	-14,805	-2,708	-1,060	46,667	0,058	-224,868	0,000	-0,837	1,740	-14,805	3,916
EmbeddedBeamRow_2_1	16209	1	12,300	-10,976	-224,867	1,740	-14,805	-2,708	-1,060	46,667	0,058	-224,867	0,000	-0,836	1,740	-14,805	3,916
Element 2-30 (Embedded beam row)	16210	2	12,300	-11,229	-226,521	1,481	-14,398	-2,509	-0,991	46,667	0,054	-226,521	0,000	-0,913	1,481	-14,398	3,695
(palo 1500)	16211	3	12,300	-11,482	-228,124	1,239	-14,054	-2,304	-0,918	46,667	0,049	-228,124	0,000	-0,980	1,239	-14,054	3,455
	16212	4	12,300	-11,735	-229,674	1,016	-13,769	-2,094	-0,843	46,667	0,045	-229,674	0,000	-1,035	1,016	-13,769	3,200
	16213	5	12,300	-11,988	-231,170	0,813	-13,538	-1,878	-0,764	46,667	0,040	-231,170	0,000	-1,078	0,813	-13,538	2,932
EmbeddedBeamRow_2_1	16213	1	12,300	-11,988	-231,170	0,813	-13,538	-1,878	-0,764	46,667	0,040	-231,170	0,000	-1,076	0,813	-13,538	2,932
Element 2-31 (Embedded beam row)	16214	2	12,300	-12,241	-232,611	0,630	-13,356	-1,658	-0,684	46,667	0,036	-232,611	0,000	-1,105	0,630	-13,356	2,656
(palo 1500)	16215	3	12,300	-12,494	-233,996	0,467	-13,218	-1,433	-0,602	46,667	0,031	-233,996	0,000	-1,116	0,467	-13,218	2,375
	16216	4	12,300	-12,747	-235,323	0,325	-13,118	-1,203	-0,519	46,667	0,026	-235,323	0,000	-1,107	0,325	-13,118	2,093
	16217	5	12,300	-13,000	-236,591	0,204	-13,052	-0,966	-0,437	46,667	0,021	-236,591	0,000	-1,080	0,204	-13,052	1,816
EmbeddedBeamRow_2_1	16217	1	12,300	-13,000	-236,591	0,204	-13,052	-1,449	-0,656	46,667	0,031	-236,591	0,000	-1,079	0,204	-13,052	1,816
Element 2-32 (Embedded beam row)	16218	2	12,300	-13,241	-237,846	0,053	-13,021	-1,113	-0,601	46,667	0,024	-237,846	0,000	-1,018	0,053	-13,021	1,574
(palo 1500)	16219	3	12,300	-13,482	-239,020	-0,086	-13,025	-0,772	-0,548	46,667	0,017	-239,020	0,000	-0,959	0,000	-13,025	1,349
	16220	4	12,300	-13,723	-240,111	-0,212	-13,062	-0,427	-0,497	46,667	0,009	-240,111	0,000	-0,901	0,000	-13,062	1,137
	16221	5	12,300	-13,964	-241,118	-0,325	-13,127	-0,077	-0,447	46,667	0,002	-241,118	0,000	-0,845	0,000	-13,127	0,938
EmbeddedBeamRow_2_1	16221	1	12,300	-13,964	-241,118	-0,325	-13,127	-0,077	-0,447	46,667	0,002	-241,118	0,000	-0,846	0,000	-13,127	0,938
Element 2-33 (Embedded beam row)	16222	2	12,300	-14,209	-242,054	-0,428	-13,219	0,282	-0,397	46,667	0,006	-242,054	0,000	-0,791	0,000	-13,219	0,748
(palo 1500)	16223	3	12,300	-14,453	-242,902	-0,520	-13,335	0,645	-0,349	46,667	0,014	-242,902	0,000	-0,738	0,000	-13,335	0,570
	16224	4	12,300	-14,698	-243,661	-0,600	-13,473	1,011	-0,302	46,667	0,022	-243,661	0,000	-0,688	0,000	-13,473	0,403
	16225	5	12,300	-14,943	-244,330	-0,668	-13,628	1,380	-0,256	46,667	0,030	-244,330	0,000	-0,668	0,000	-13,628	0,256
EmbeddedBeamRow_2_1	16225	1	12,300	-14,943	-244,330	-0,668	-13,628	1,380	-0,256	46,667	0,030	-244,330	0,000	-0,668	0,000	-13,628	0,256
Element 2-34 (Embedded beam row)	16226	2	12,300	-15,192	-244,917	-0,726	-13,802	1,756	-0,210	46,667	0,038	-244,917	0,000	-0,726	0,000	-13,802	0,182
(palo 1500)	16227	3	12,300	-15,441	-245,410	-0,773	-13,988	2,135	-0,166	46,667	0,046	-245,410	0,000	-0,773	0,000	-13,988	0,112
	16228	4	12,300	-15,690	-245,809	-0,809	-14,185	2,515	-0,123	46,667	0,054	-245,809	0,000	-0,809	0,000	-14,185	0,047
	16229	5	12,300	-15,938	-246,112	-0,834	-14,390	2,896	-0,080	46,667	0,062	-246,112	0,000	-0,834	0,000	-14,390	0,000
EmbeddedBeamRow_2_1	16229	1	12,300	-15,938	-246,112	-0,834	-14,390	2,896	-0,080	46,667	0,062	-246,112	0,000	-0,834	0,000	-14,390	0,000
Element 2-35 (Embedded beam row)	16230	2	12,300	-16,191	-246,324	-0,849	-14,603	3,285	-0,038	46,667	0,070	-246,324	0,000	-0,849	0,000	-14,603	0,000
(palo 1500)	16231	3	12,300	-16,444	-246,437	-0,853	-14,818	3,674	0,003	46,667	0,079	-246,437	0,000	-0,853	0,000	-14,818	0,000
	16232	4	12,300	-16,697	-246,452	-0,847	-15,033	4,064	0,043	46,667	0,087	-246,452	0,000	-0,847	0,000	-15,033	0,000
	16233	5	12,300	-16,950	-246,368	-0,831	-15,246	4,454	0,082	46,667	0,095	-246,368	0,000	-0,831	0,000	-15,246	0,000
EmbeddedBeamRow_2_1	16233	1	12,300	-16,950	-246,368	-0,831	-15,246	4,454	0,082	46,667	0,095	-246,368	0,000	-0,831	0,000	-15,246	0,000

Structural element	Node [10⁻³]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T-- [kN/m/m]	T-- [kN/m/m]	T--- [kN/m/m]	T---	N-- [kN/m]	N-- [kN/m]	Q-- [kN/m]	Q-- [kN/m]	M-- [kN m/m]	M-- [kN m/m]
Element 2-36 (Embedded beam row)	16234	2	12,300	-17,206	-246,182	-0,805	-15,456	4,850	0,121	46,667	0,104	-246,182	0,000	-0,805	0,000	-15,456	0,000
(palo 1500)	16235	3	12,300	-17,463	-245,894	-0,769	-15,658	5,246	0,159	46,667	0,112	-245,894	0,000	-0,769	0,000	-15,658	0,000
	16236	4	12,300	-17,720	-245,504	-0,724	-15,850	5,642	0,196	46,667	0,121	-245,504	0,000	-0,724	0,000	-15,850	0,000
	16237	5	12,300	-17,977	-245,013	-0,668	-16,029	6,038	0,232	46,667	0,129	-245,013	0,000	-0,668	0,000	-16,029	0,000
EmbeddedBeamRow_2_1	16237	1	12,300	-17,977	-245,012	-0,669	-16,029	6,038	0,232	46,667	0,129	-245,012	0,000	-0,669	0,000	-16,029	0,000
Element 2-37 (Embedded beam row)	16238	2	12,300	-18,238	-244,409	-0,603	-16,195	6,440	0,268	46,667	0,138	-244,409	0,000	-0,603	0,000	-16,195	0,000
(palo 1500)	16239	3	12,300	-18,499	-243,701	-0,529	-16,343	6,842	0,303	46,667	0,147	-243,701	0,000	-0,529	0,003	-16,343	0,000
	16240	4	12,300	-18,760	-242,887	-0,445	-16,471	7,243	0,336	46,667	0,155	-242,887	0,000	-0,445	0,050	-16,471	0,000
	16241	5	12,300	-19,021	-241,970	-0,353	-16,575	7,644	0,368	46,667	0,164	-241,970	0,000	-0,353	0,100	-16,575	0,000
EmbeddedBeamRow_2_1	16241	1	12,300	-19,021	-241,969	-0,354	-16,575	7,644	0,368	46,667	0,164	-241,969	0,000	-0,354	0,100	-16,575	0,000
Element 2-38 (Embedded beam row)	16242	2	12,300	-19,286	-240,930	-0,252	-16,655	8,050	0,400	46,667	0,173	-240,930	0,000	-0,252	0,153	-16,655	0,000
(palo 1500)	16243	3	12,300	-19,551	-239,783	-0,142	-16,708	8,456	0,430	46,667	0,181	-239,783	0,000	-0,142	0,209	-16,708	0,000
	16244	4	12,300	-19,817	-238,528	-0,024	-16,730	8,861	0,458	46,667	0,190	-238,528	0,000	-0,024	0,267	-16,730	0,000
	16245	5	12,300	-20,082	-237,167	0,101	-16,720	9,265	0,484	46,667	0,199	-237,167	0,000	0,000	0,327	-16,720	0,000
EmbeddedBeamRow_2_1	16245	1	12,300	-20,082	-237,166	0,101	-16,720	9,265	0,484	46,667	0,199	-237,166	0,000	0,000	0,327	-16,720	0,000
Element 2-39 (Embedded beam row)	16246	2	12,300	-20,351	-235,673	0,235	-16,675	9,674	0,508	46,667	0,207	-235,673	0,000	0,000	0,390	-16,675	0,000
(palo 1500)	16247	3	12,300	-20,621	-234,069	0,375	-16,593	10,083	0,530	46,667	0,216	-234,069	0,000	0,000	0,455	-16,593	0,000
	16248	4	12,300	-20,890	-232,355	0,520	-16,472	10,490	0,549	46,667	0,225	-232,355	0,000	0,000	0,559	-16,472	0,000
	16249	5	12,300	-21,160	-230,533	0,670	-16,312	10,896	0,564	46,667	0,233	-230,533	0,000	0,000	0,675	-16,312	0,000
EmbeddedBeamRow_2_1	16249	1	12,300	-21,160	-230,532	0,670	-16,312	10,896	0,564	46,667	0,233	-230,532	0,000	0,000	0,674	-16,312	0,000
Element 2-40 (Embedded beam row)	16250	2	12,300	-21,433	-228,569	0,826	-16,107	11,307	0,576	46,667	0,242	-228,569	0,000	0,000	0,826	-16,107	0,000
(palo 1500)	16251	3	12,300	-21,707	-226,492	0,985	-15,859	11,716	0,584	46,667	0,251	-226,492	0,000	0,000	0,985	-15,859	0,000
	16252	4	12,300	-21,981	-224,303	1,146	-15,568	12,123	0,588	46,667	0,260	-224,303	0,000	0,000	1,146	-15,568	0,000
	16253	5	12,300	-22,255	-222,004	1,307	-15,232	12,529	0,586	46,667	0,268	-222,004	0,000	0,000	1,307	-15,232	0,000
EmbeddedBeamRow_2_1	16253	1	12,300	-22,255	-222,003	1,306	-15,232	12,529	0,586	46,667	0,268	-222,003	0,000	0,000	1,306	-15,232	0,000
Element 2-41 (Embedded beam row)	16254	2	12,300	-22,533	-219,554	1,469	-14,846	12,938	0,579	46,667	0,277	-219,554	0,000	0,000	1,469	-14,846	0,000
(palo 1500)	16255	3	12,300	-22,811	-216,991	1,628	-14,415	13,344	0,567	46,667	0,286	-216,991	0,000	0,000	1,628	-14,415	0,051
	16256	4	12,300	-23,089	-214,315	1,783	-13,940	13,747	0,548	46,667	0,295	-214,315	0,000	0,000	1,783	-13,940	0,175
	16257	5	12,300	-23,367	-211,528	1,933	-13,423	14,146	0,523	46,667	0,303	-211,528	0,000	0,000	1,933	-13,423	0,300
EmbeddedBeamRow_2_1	16257	1	12,300	-23,367	-211,528	1,932	-13,423	14,146	0,523	46,667	0,303	-211,528	0,000	0,000	1,932	-13,423	0,300
Element 2-42 (Embedded beam row)	16258	2	12,300	-23,650	-208,583	2,076	-12,857	14,549	0,492	46,667	0,312	-208,583	0,000	0,000	2,076	-12,857	0,426
(palo 1500)	16259	3	12,300	-23,933	-205,524	2,210	-12,251	14,947	0,454	46,667	0,320	-205,524	0,000	0,000	2,210	-12,251	0,549
	16260	4	12,300	-24,215	-202,353	2,332	-11,608	15,340	0,409	46,667	0,329	-202,353	0,000	0,000	2,332	-11,608	0,667
	16261	5	12,300	-24,498	-199,072	2,441	-10,934	15,728	0,359	46,667	0,337	-199,072	0,000	0,000	2,441	-10,934	0,778
EmbeddedBeamRow_2_1	16261	1	12,300	-24,498	-199,072	2,440	-10,934	15,728	0,359	46,667	0,337	-199,072	0,000	0,000	2,440	-10,934	0,778
Element 2-43 (Embedded beam row)	16262	2	12,300	-24,785	-195,628	2,536	-10,219	16,116	0,302	46,667	0,345	-195,628	0,000	0,000	2,536	-10,219	0,882

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
(palo 1500)	16263	3	12,300	-25,072	-192,072	2,614	-9,479	16,496	0,240	46,667	0,353	-192,072	0,000	0,000	2,614	-9,479	0,974
	16264	4	12,300	-25,360	-188,408	2,673	-8,719	16,867	0,172	46,667	0,361	-188,408	0,000	0,000	2,673	-8,719	1,051
	16265	5	12,300	-25,647	-184,640	2,713	-7,945	17,227	0,099	46,667	0,369	-184,640	0,000	0,000	2,713	-7,945	1,111
EmbeddedBeamRow_2_1	16265	1	12,300	-25,647	-184,641	2,711	-7,945	17,227	0,099	46,667	0,369	-184,641	0,000	0,000	2,711	-7,945	1,111
Element 2-44 (Embedded beam row)	16266	2	12,300	-25,939	-180,708	2,729	-7,151	17,580	0,015	46,667	0,377	-180,708	0,000	0,000	2,729	-7,151	1,151
(palo 1500)	16267	3	12,300	-26,230	-176,673	2,720	-6,355	17,921	-0,075	46,667	0,384	-176,673	0,000	0,000	2,720	-6,355	1,169
	16268	4	12,300	-26,522	-172,541	2,684	-5,566	18,248	-0,170	46,667	0,391	-172,541	0,000	-0,067	2,684	-5,566	1,162
	16269	5	12,300	-26,814	-168,316	2,621	-4,791	18,559	-0,271	46,667	0,398	-168,316	0,000	-0,155	2,621	-4,791	1,130
EmbeddedBeamRow_2_1	16269	1	12,300	-26,814	-168,320	2,619	-4,791	18,559	-0,271	46,667	0,398	-168,320	0,000	-0,152	2,619	-4,791	1,130
Element 2-45 (Embedded beam row)	16270	2	12,300	-27,110	-163,931	2,524	-4,028	18,866	-0,383	46,667	0,404	-163,931	0,000	-0,241	2,524	-4,028	1,071
(palo 1500)	16271	3	12,300	-27,407	-159,461	2,393	-3,298	19,138	-0,504	46,667	0,410	-159,461	0,000	-0,321	2,393	-3,298	0,987
	16272	4	12,300	-27,703	-154,916	2,225	-2,612	19,374	-0,628	46,667	0,415	-154,916	0,000	-0,392	2,225	-2,612	0,882
	16273	5	12,300	-28,000	-150,301	2,020	-1,982	19,562	-0,749	46,667	0,419	-150,301	0,000	-0,452	2,020	-1,982	0,756
EmbeddedBeamRow_2_1	16273	1	12,300	-28,000	-150,396	2,036	-1,982	19,562	-0,749	46,667	0,419	-150,396	0,000	-0,430	2,036	-1,982	0,756
Element 2-46 (Embedded beam row)	16274	2	12,300	-28,468	-142,868	1,601	-1,128	19,854	-1,000	46,667	0,425	-142,868	0,000	-0,512	1,601	-1,128	0,533
(palo 1500)	16275	3	12,300	-28,935	-135,468	1,093	-0,497	19,840	-1,215	46,667	0,425	-135,468	0,000	-0,487	1,093	-0,497	0,294
	16276	4	12,300	-29,403	-128,301	0,536	-0,114	18,859	-1,212	46,667	0,404	-128,301	0,000	-0,338	0,536	-0,114	0,096
	16277	5	12,300	-29,870	-121,471	-0,049	0,000	16,234	-0,947	46,667	0,348	-121,471	0,000	-0,050	0,000	0,000	0,000

3.3.2.1.11 Calculation results, Embedded beam row, Versante + SISMA [Phase_12] (11/37), Table of embedded pile row force envelopes

Structural element	Node [10 ˚]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T--- [kN/m/m]	T---,--- [kN/m/m]	T---,---	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
EmbeddedBeamRow_1_1	16092	1	4,500	-5,870	-192,280	-11,674	22,681	0,000	0,000	46,667	0,000	-198,372	0,000	-11,674	0,000	-4,001	22,681
Element 1-1 (Embedded beam row)	16093	2	4,500	-6,009	-192,953	-11,798	21,056	-1,160	-1,004	46,667	0,025	-199,043	0,000	-11,798	0,000	-4,339	21,056
(palo 1500)	16094	3	4,500	-6,147	-193,691	-11,955	19,410	-1,654	-1,303	46,667	0,035	-199,778	0,000	-11,955	0,000	-4,676	19,410
	16095	4	4,500	-6,286	-194,487	-12,137	17,741	-2,005	-1,379	46,667	0,043	-200,573	0,000	-12,137	0,000	-5,011	17,741
	16096	5	4,500	-6,424	-195,336	-12,339	16,045	-2,461	-1,324	46,667	0,053	-201,423	0,000	-12,339	0,000	-5,342	16,045
EmbeddedBeamRow_1_1	16096	1	4,500	-6,424	-195,337	-12,329	16,045	-4,799	-2,581	46,667	0,103	-201,425	0,000	-12,329	0,000	-5,342	16,045
Element 1-2 (Embedded beam row)	16097	2	4,500	-6,614	-197,011	-12,796	13,668	-5,009	-2,332	46,667	0,107	-203,093	0,000	-12,796	0,000	-5,785	13,668
(palo 1500)	16098	3	4,500	-6,803	-198,719	-13,212	11,205	-5,192	-2,062	46,667	0,111	-204,785	0,000	-13,212	0,000	-6,210	11,205
	16099	4	4,500	-6,992	-200,459	-13,574	8,669	-5,341	-1,772	46,667	0,114	-206,500	0,000	-13,574	0,000	-6,614	8,669
	16100	5	4,500	-7,181	-202,227	-13,883	6,071	-5,454	-1,462	46,667	0,117	-208,233	0,000	-13,883	0,000	-6,993	6,071
EmbeddedBeamRow_1_1	16100	1	4,500	-7,181	-202,222	-13,880	6,071	-5,454	-1,462	46,667	0,117	-208,229	0,000	-13,880	0,000	-6,993	6,071
Element 1-3 (Embedded beam row)	16101	2	4,500	-7,379	-204,086	-14,137	3,305	-5,534	-1,120	46,667	0,119	-210,049	0,000	-14,137	0,000	-7,924	3,305
(palo 1500)	16102	3	4,500	-7,576	-205,958	-14,323	0,495	-5,575	-0,766	46,667	0,119	-211,868	0,000	-14,323	0,000	-9,442	0,495
	16103	4	4,500	-7,773	-207,833	-14,438	-2,346	-5,578	-0,406	46,667	0,120	-213,684	0,000	-14,438	0,000	-11,279	0,000
	16104	5	4,500	-7,971	-209,710	-14,483	-5,201	-5,543	-0,043	46,667	0,119	-215,495	0,000	-14,483	0,000	-13,113	0,000
EmbeddedBeamRow_1_1	16104	1	4,500	-7,971	-209,705	-14,484	-5,201	-5,543	-0,043	46,667	0,119	-215,490	0,000	-14,484	0,000	-13,113	0,000
Element 1-4 (Embedded beam row)	16105	2	4,500	-8,177	-211,651	-14,452	-8,180	-5,468	0,332	46,667	0,117	-217,361	0,000	-14,452	0,000	-15,013	0,000
(palo 1500)	16106	3	4,500	-8,383	-213,574	-14,347	-11,147	-5,355	0,697	46,667	0,115	-219,203	0,000	-14,347	0,000	-17,446	0,000
	16107	4	4,500	-8,589	-215,469	-14,167	-14,085	-5,206	1,049	46,667	0,112	-221,012	0,000	-14,167	0,000	-19,995	0,000
	16108	5	4,500	-8,794	-217,335	-13,915	-16,976	-5,026	1,384	46,667	0,108	-222,788	0,000	-13,915	0,000	-22,483	0,000
EmbeddedBeamRow_1_1	16108	1	4,500	-8,794	-217,331	-13,918	-16,976	-5,026	1,384	46,667	0,108	-222,784	0,000	-13,918	0,000	-22,483	0,000
Element 1-5 (Embedded beam row)	16109	2	4,500	-9,009	-219,233	-13,582	-19,930	-4,807	1,709	46,667	0,103	-224,588	0,000	-13,582	0,000	-25,004	0,000
(palo 1500)	16110	3	4,500	-9,224	-221,082	-13,184	-22,806	-4,560	2,008	46,667	0,098	-226,337	0,000	-13,184	0,000	-27,437	0,000
	16111	4	4,500	-9,439	-222,876	-12,724	-25,590	-4,288	2,277	46,667	0,092	-228,028	0,000	-12,724	0,000	-29,770	0,000
	16112	5	4,500	-9,654	-224,611	-12,205	-28,267	-3,996	2,514	46,667	0,086	-229,659	0,000	-12,205	0,049	-31,993	0,000
EmbeddedBeamRow_1_1	16112	1	4,500	-9,654	-224,609	-12,211	-28,267	-3,996	2,514	46,667	0,086	-229,657	0,000	-12,211	0,049	-31,993	0,000
Element 1-6 (Embedded beam row)	16113	2	4,500	-9,878	-226,349	-11,619	-30,936	-3,673	2,724	46,667	0,079	-231,287	0,000	-11,619	0,193	-34,185	0,000
(palo 1500)	16114	3	4,500	-10,102	-228,014	-10,990	-33,470	-3,337	2,894	46,667	0,072	-232,843	0,000	-10,990	0,332	-36,243	0,000
	16115	4	4,500	-10,326	-229,603	-10,328	-35,859	-2,991	3,024	46,667	0,064	-234,324	0,000	-10,328	0,460	-38,161	0,000
	16116	5	4,500	-10,550	-231,113	-9,635	-38,095	-2,639	3,113	46,667	0,057	-235,728	0,000	-9,635	0,577	-39,934	0,000
EmbeddedBeamRow_1_1	16116	1	4,500	-10,550	-231,114	-9,643	-38,095	-2,639	3,113	46,667	0,057	-235,730	0,000	-9,643	0,577	-39,934	0,000
Element 1-7 (Embedded beam row)	16117	2	4,500	-10,783	-232,604	-8,903	-40,262	-2,271	3,163	46,667	0,049	-237,112	0,000	-8,903	0,686	-41,627	0,000

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
(palo 1500)	16118	3	4,500	-11,017	-234,010	-8,164	-42,256	-1,906	3,170	46,667	0,041	-238,415	0,000	-8,164	0,781	-43,162	0,000
	16119	4	4,500	-11,251	-235,331	-7,428	-44,078	-1,548	3,136	46,667	0,033	-239,638	0,000	-7,428	0,861	-44,542	0,000
	16120	5	4,500	-11,484	-236,568	-6,697	-45,728	-1,200	3,061	46,667	0,026	-240,781	0,000	-6,697	0,927	-45,768	0,000
EmbeddedBeamRow_1_1	16120	1	4,500	-11,484	-236,571	-6,704	-45,728	-1,799	4,592	46,667	0,039	-240,784	0,000	-6,704	0,927	-45,768	0,000
Element 1-8 (Embedded beam row)	16121	2	4,500	-11,732	-237,918	-5,576	-47,247	-1,246	4,484	46,667	0,027	-241,989	0,000	-5,576	1,018	-47,247	0,000
(palo 1500)	16122	3	4,500	-11,980	-239,133	-4,483	-48,492	-0,708	4,345	46,667	0,015	-243,069	0,000	-4,483	1,103	-48,492	0,000
	16123	4	4,500	-12,227	-240,217	-3,428	-49,471	-0,186	4,176	46,667	0,004	-244,024	0,000	-3,428	1,180	-49,471	0,000
	16124	5	4,500	-12,475	-241,169	-2,414	-50,194	0,318	3,984	46,667	0,007	-244,854	0,000	-2,414	1,251	-50,194	0,000
EmbeddedBeamRow_1_1	16124	1	4,500	-12,475	-241,173	-2,418	-50,194	0,318	3,984	46,667	0,007	-244,857	0,000	-2,418	1,251	-50,194	0,000
Element 1-9 (Embedded beam row)	16125	2	4,500	-12,726	-242,015	-1,441	-50,677	0,814	3,767	46,667	0,017	-245,579	0,000	-1,441	1,315	-50,677	0,000
(palo 1500)	16126	3	4,500	-12,978	-242,738	-0,524	-50,923	1,292	3,534	46,667	0,028	-246,186	0,000	-0,524	1,372	-50,923	0,000
	16127	4	4,500	-13,229	-243,343	0,333	-50,946	1,754	3,289	46,667	0,038	-246,680	0,000	0,000	1,421	-50,946	0,000
	16128	5	4,500	-13,480	-243,830	1,129	-50,761	2,198	3,035	46,667	0,047	-247,061	0,000	0,000	1,869	-50,761	0,000
EmbeddedBeamRow_1_1	16128	1	4,500	-13,480	-243,833	1,128	-50,761	2,198	3,035	46,667	0,047	-247,065	0,000	0,000	1,869	-50,761	0,000
Element 1-10 (Embedded beam row)	16129	2	4,500	-13,735	-244,216	1,869	-50,377	2,633	2,773	46,667	0,056	-247,344	0,000	0,000	2,499	-50,377	0,000
(palo 1500)	16130	3	4,500	-13,990	-244,493	2,543	-49,813	3,051	2,508	46,667	0,065	-247,521	0,000	0,000	3,069	-49,813	0,000
	16131	4	4,500	-14,246	-244,666	3,149	-49,085	3,454	2,243	46,667	0,074	-247,597	0,000	0,000	3,577	-49,085	0,000
	16132	5	4,500	-14,501	-244,734	3,687	-48,212	3,843	1,981	46,667	0,082	-247,573	0,000	0,000	4,024	-48,212	0,000
EmbeddedBeamRow_1_1	16132	1	4,500	-14,501	-244,737	3,688	-48,212	3,843	1,981	46,667	0,082	-247,576	0,000	0,000	4,025	-48,212	0,000
Element 1-11 (Embedded beam row)	16133	2	4,500	-14,760	-244,707	4,166	-47,194	4,222	1,720	46,667	0,090	-247,455	0,000	0,000	4,417	-47,194	0,000
(palo 1500)	16134	3	4,500	-15,018	-244,584	4,579	-46,061	4,588	1,465	46,667	0,098	-247,243	0,000	0,000	4,750	-46,061	0,000
	16135	4	4,500	-15,277	-244,367	4,926	-44,829	4,942	1,217	46,667	0,106	-246,941	0,000	0,000	5,025	-44,829	0,000
	16136	5	4,500	-15,536	-244,058	5,209	-43,516	5,282	0,978	46,667	0,113	-246,550	0,000	0,000	5,241	-43,516	0,000
EmbeddedBeamRow_1_1	16136	1	4,500	-15,536	-244,061	5,211	-43,516	5,282	0,978	46,667	0,113	-246,552	0,000	0,000	5,243	-43,516	0,000
Element 1-12 (Embedded beam row)	16137	2	4,500	-15,799	-243,659	5,435	-42,116	5,616	0,746	46,667	0,120	-246,069	0,000	0,000	5,435	-42,116	0,000
(palo 1500)	16138	3	4,500	-16,062	-243,173	5,603	-40,664	5,938	0,525	46,667	0,127	-245,503	0,000	0,000	5,603	-40,664	0,000
	16139	4	4,500	-16,325	-242,604	5,713	-39,176	6,249	0,315	46,667	0,134	-244,857	0,000	0,000	5,713	-39,176	0,000
	16140	5	4,500	-16,587	-241,953	5,768	-37,666	6,549	0,118	46,667	0,140	-244,131	0,000	0,000	5,768	-37,666	0,000
EmbeddedBeamRow_1_1	16140	1	4,500	-16,587	-241,955	5,771	-37,666	6,549	0,118	46,667	0,140	-244,133	0,000	0,000	5,771	-37,666	0,000
Element 1-13 (Embedded beam row)	16141	2	4,500	-16,854	-241,215	5,775	-36,126	6,843	-0,069	46,667	0,147	-243,318	0,000	0,000	5,775	-36,126	0,000
(palo 1500)	16142	3	4,500	-17,121	-240,399	5,734	-34,590	7,126	-0,242	46,667	0,153	-242,430	0,000	0,000	5,734	-34,590	0,000
	16143	4	4,500	-17,387	-239,510	5,649	-33,071	7,399	-0,399	46,667	0,159	-241,470	0,000	0,000	5,649	-33,071	0,187
	16144	5	4,500	-17,654	-238,548	5,521	-31,581	7,662	-0,541	46,667	0,164	-240,438	0,000	0,000	5,521	-31,581	0,555
EmbeddedBeamRow_1_1	16144	1	4,500	-17,654	-238,549	5,524	-31,581	7,662	-0,541	46,667	0,164	-240,439	0,000	0,000	5,524	-31,581	0,555
Element 1-14 (Embedded beam row)	16145	2	4,500	-17,925	-237,502	5,358	-30,108	7,919	-0,667	46,667	0,170	-239,324	0,000	0,000	5,358	-30,108	0,916
(palo 1500)	16146	3	4,500	-18,195	-236,388	5,163	-28,684	8,167	-0,775	46,667	0,175	-238,142	0,000	0,000	5,163	-28,684	1,263

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N-- - [kN/m]	N--- [kN/m]	Q-- - [kN/m]	Q--- [kN/m]	M- - - [kN m/m]	M--- [kN m/m]
	16147	4	4,500	-18,466	-235,209	4,942	-27,315	8,406	-0,864	46,667	0,180	-236,897	0,000	0,000	4,942	-27,315	1,594
	16148	5	4,500	-18,737	-233,964	4,695	-26,011	8,638	-0,934	46,667	0,185	-235,588	0,000	0,000	4,695	-26,011	1,909
EmbeddedBeamRow_1_1	16148	1	4,500	-18,737	-233,965	4,699	-26,011	8,638	-0,934	46,667	0,185	-235,588	0,000	0,000	4,699	-26,011	1,909
Element 1-15 (Embedded beam row)	16149	2	4,500	-19,011	-232,639	4,432	-24,757	8,867	-0,983	46,667	0,190	-234,199	0,000	0,000	4,432	-24,757	2,210
(palo 1500)	16150	3	4,500	-19,286	-231,251	4,158	-23,577	9,091	-1,012	46,667	0,195	-232,748	0,000	0,000	4,158	-23,577	2,492
	16151	4	4,500	-19,561	-229,802	3,880	-22,472	9,311	-1,020	46,667	0,200	-231,238	0,000	0,000	3,880	-22,472	2,754
	16152	5	4,500	-19,836	-228,293	3,598	-21,445	9,531	-1,007	46,667	0,204	-229,669	0,000	0,000	3,598	-21,445	2,995
EmbeddedBeamRow_1_1	16152	1	4,500	-19,836	-228,292	3,602	-21,445	9,531	-1,007	46,667	0,204	-229,668	0,000	0,000	3,602	-21,445	2,995
Element 1-16 (Embedded beam row)	16153	2	4,500	-20,114	-226,700	3,322	-20,480	9,757	-0,975	46,667	0,209	-228,016	0,000	0,000	3,322	-20,480	3,217
(palo 1500)	16154	3	4,500	-20,393	-225,042	3,058	-19,591	9,987	-0,925	46,667	0,214	-226,300	0,000	0,000	3,058	-19,591	3,416
	16155	4	4,500	-20,672	-223,319	2,809	-18,774	10,224	-0,860	46,667	0,219	-224,520	0,000	0,000	2,809	-18,774	3,591
	16156	5	4,500	-20,951	-221,531	2,578	-18,023	10,470	-0,781	46,667	0,224	-222,677	0,000	0,000	2,578	-18,023	3,740
EmbeddedBeamRow_1_1	16156	1	4,500	-20,951	-221,528	2,580	-18,023	10,470	-0,781	46,667	0,224	-222,674	0,000	0,000	2,580	-18,023	3,740
Element 1-17 (Embedded beam row)	16157	2	4,500	-21,234	-219,643	2,371	-17,323	10,729	-0,692	46,667	0,230	-220,734	0,000	0,000	2,371	-17,323	3,867
(palo 1500)	16158	3	4,500	-21,517	-217,680	2,189	-16,679	10,999	-0,595	46,667	0,236	-218,717	0,000	0,000	2,189	-16,679	3,967
	16159	4	4,500	-21,800	-215,638	2,035	-16,082	11,279	-0,494	46,667	0,242	-216,624	0,000	0,000	2,035	-16,082	4,040
	16160	5	4,500	-22,083	-213,519	1,909	-15,525	11,570	-0,392	46,667	0,248	-214,455	0,000	0,000	1,909	-15,525	4,086
EmbeddedBeamRow_1_1	16160	1	4,500	-22,083	-213,516	1,909	-15,525	11,570	-0,392	46,667	0,248	-214,451	0,000	0,000	1,909	-15,525	4,086
Element 1-18 (Embedded beam row)	16161	2	4,500	-22,370	-211,280	1,811	-14,991	11,874	-0,291	46,667	0,254	-212,166	0,000	0,000	1,811	-14,991	4,105
(palo 1500)	16162	3	4,500	-22,657	-208,953	1,742	-14,482	12,186	-0,193	46,667	0,261	-209,791	0,000	-0,080	1,742	-14,482	4,096
	16163	4	4,500	-22,944	-206,535	1,700	-13,988	12,505	-0,100	46,667	0,268	-207,326	0,000	-0,176	1,700	-13,988	4,059
	16164	5	4,500	-23,231	-204,027	1,684	-13,503	12,830	-0,014	46,667	0,275	-204,774	0,000	-0,272	1,684	-13,503	3,995
EmbeddedBeamRow_1_1	16164	1	4,500	-23,231	-204,024	1,683	-13,503	12,830	-0,014	46,667	0,275	-204,771	0,000	-0,271	1,683	-13,503	3,995
Element 1-19 (Embedded beam row)	16165	2	4,500	-23,523	-201,383	1,692	-13,012	13,166	0,066	46,667	0,282	-202,086	0,000	-0,366	1,692	-13,012	3,902
(palo 1500)	16166	3	4,500	-23,814	-198,639	1,722	-12,515	13,508	0,141	46,667	0,289	-199,300	0,000	-0,456	1,722	-12,515	3,782
	16167	4	4,500	-24,106	-195,795	1,772	-12,006	13,855	0,208	46,667	0,297	-196,416	0,000	-0,540	1,772	-12,006	3,637
	16168	5	4,500	-24,397	-192,853	1,843	-11,480	14,203	0,266	46,667	0,304	-193,434	0,000	-0,617	1,843	-11,480	3,468
EmbeddedBeamRow_1_1	16168	1	4,500	-24,397	-192,852	1,840	-11,480	14,203	0,266	46,667	0,304	-193,433	0,000	-0,616	1,840	-11,480	3,468
Element 1-20 (Embedded beam row)	16169	2	4,500	-24,693	-189,761	1,928	-10,923	14,553	0,311	46,667	0,312	-190,304	0,000	-0,685	1,928	-10,923	3,275
(palo 1500)	16170	3	4,500	-24,989	-186,565	2,025	-10,338	14,901	0,343	46,667	0,319	-187,073	0,000	-0,743	2,025	-10,338	3,064
	16171	4	4,500	-25,285	-183,268	2,128	-9,724	15,243	0,359	46,667	0,327	-183,741	0,000	-0,791	2,128	-9,724	2,836
	16172	5	4,500	-25,580	-179,871	2,237	-9,078	15,579	0,361	46,667	0,334	-180,311	0,000	-0,828	2,237	-9,078	2,597
EmbeddedBeamRow_1_1	16172	1	4,500	-25,580	-179,872	2,233	-9,078	15,579	0,361	46,667	0,334	-180,311	0,000	-0,828	2,233	-9,078	2,597
Element 1-21 (Embedded beam row)	16173	2	4,500	-25,881	-176,323	2,343	-8,391	15,912	0,345	46,667	0,341	-176,731	0,000	-0,853	2,343	-8,391	2,344
(palo 1500)	16174	3	4,500	-26,181	-172,676	2,441	-7,673	16,234	0,311	46,667	0,348	-173,054	0,000	-0,865	2,441	-7,673	2,086
	16175	4	4,500	-26,481	-168,934	2,526	-6,927	16,544	0,257	46,667	0,355	-169,284	0,000	-0,863	2,526	-6,927	1,826

Structural element	Node [10⁻³]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T-- [kN/m/m]	T-- [kN/m/m]	T--- [kN/m/m]	T---	N-- [kN/m]	N-- [kN/m]	Q-- [kN/m]	Q-- [kN/m]	M-- [kN m/m]	M-- [kN m/m]
	16176	5	4,500	-26,781	-165,101	2,596	-6,158	16,839	0,182	46,667	0,361	-165,423	0,000	-0,847	2,596	-6,158	1,569
EmbeddedBeamRow_1_1	16176	1	4,500	-26,781	-165,104	2,590	-6,158	16,839	0,182	46,667	0,361	-165,427	0,000	-0,847	2,590	-6,158	1,569
Element 1-22 (Embedded beam row)	16177	2	4,500	-27,086	-161,123	2,636	-5,361	17,123	0,080	46,667	0,367	-161,420	0,000	-0,816	2,636	-5,361	1,315
(palo 1500)	16178	3	4,500	-27,391	-157,063	2,640	-4,556	17,378	-0,047	46,667	0,372	-157,337	0,000	-0,771	2,640	-4,556	1,073
	16179	4	4,500	-27,695	-152,931	2,600	-3,756	17,600	-0,207	46,667	0,377	-153,183	0,000	-0,711	2,600	-3,756	0,847
	16180	5	4,500	-28,000	-148,731	2,515	-2,976	17,770	-0,401	46,667	0,381	-148,964	0,000	-0,637	2,515	-2,976	0,641
EmbeddedBeamRow_1_1	16180	1	4,500	-28,000	-148,784	2,495	-2,976	17,770	-0,401	46,667	0,381	-149,017	0,000	-0,635	2,495	-2,976	0,641
Element 1-23 (Embedded beam row)	16181	2	4,500	-28,468	-142,180	2,240	-1,861	17,997	-0,798	46,667	0,386	-142,386	0,000	-0,510	2,240	-1,861	0,373
(palo 1500)	16182	3	4,500	-28,935	-135,611	1,753	-0,918	18,050	-1,264	46,667	0,387	-135,795	0,000	-0,360	1,753	-0,918	0,168
	16183	4	4,500	-29,403	-129,131	1,024	-0,259	17,614	-1,835	46,667	0,377	-129,299	0,000	-0,184	1,024	-0,259	0,040
	16184	5	4,500	-29,870	-122,796	0,041	0,000	16,391	-2,654	46,667	0,351	-122,951	0,000	0,000	0,041	0,000	0,000
EmbeddedBeamRow_2_1	16185	1	12,300	-5,870	-192,068	3,704	-27,840	0,000	0,000	46,667	0,000	-192,885	0,000	0,000	6,172	-38,267	3,563
Element 2-24 (Embedded beam row)	16186	2	12,300	-5,979	-192,507	3,691	-27,437	-0,131	-0,115	46,667	0,003	-193,320	0,000	0,000	6,155	-37,596	3,633
(palo 1500)	16187	3	12,300	-6,088	-192,953	3,679	-27,035	-0,195	-0,119	46,667	0,004	-193,762	0,000	0,000	6,137	-36,925	3,704
	16188	4	12,300	-6,197	-193,405	3,667	-26,634	-0,245	-0,107	46,667	0,005	-194,209	0,000	0,000	6,118	-36,257	3,776
	16189	5	12,300	-6,306	-193,862	3,655	-26,235	-0,292	-0,089	46,667	0,006	-194,661	0,000	0,000	6,098	-35,591	3,846
EmbeddedBeamRow_2_1	16189	1	12,300	-6,306	-193,863	3,655	-26,235	-0,292	-0,089	46,667	0,006	-194,661	0,000	0,000	6,097	-35,591	3,846
Element 2-25 (Embedded beam row)	16190	2	12,300	-6,470	-194,558	3,644	-25,639	-0,371	-0,057	46,667	0,008	-195,345	0,000	0,000	6,072	-34,597	3,950
(palo 1500)	16191	3	12,300	-6,633	-195,268	3,636	-25,044	-0,456	-0,040	46,667	0,010	-196,038	0,000	0,000	6,047	-33,607	4,051
	16192	4	12,300	-6,796	-195,992	3,630	-24,450	-0,555	-0,036	46,667	0,012	-196,739	0,000	0,000	6,022	-32,620	4,147
	16193	5	12,300	-6,960	-196,732	3,625	-23,857	-0,671	-0,042	46,667	0,014	-197,449	0,000	0,000	5,997	-31,638	4,238
EmbeddedBeamRow_2_1	16193	1	12,300	-6,960	-196,740	3,621	-23,857	-0,671	-0,042	46,667	0,014	-197,451	0,000	0,000	5,993	-31,638	4,238
Element 2-26 (Embedded beam row)	16194	2	12,300	-7,205	-197,880	3,613	-22,971	-0,876	-0,064	46,667	0,019	-198,528	0,000	0,000	5,953	-30,175	4,364
(palo 1500)	16195	3	12,300	-7,450	-199,090	3,590	-22,088	-1,115	-0,108	46,667	0,024	-199,632	0,000	0,000	5,896	-28,723	4,476
	16196	4	12,300	-7,695	-200,376	3,549	-21,213	-1,499	-0,217	46,667	0,032	-200,765	0,000	0,000	5,817	-27,288	4,574
	16197	5	12,300	-7,940	-201,745	3,485	-20,352	-2,304	-0,477	46,667	0,049	-201,928	0,000	0,000	5,714	-25,875	4,661
EmbeddedBeamRow_2_1	16197	1	12,300	-7,940	-201,785	3,475	-20,352	-4,492	-0,931	46,667	0,096	-201,937	0,000	0,000	5,702	-25,875	4,661
Element 2-27 (Embedded beam row)	16198	2	12,300	-8,193	-203,890	3,225	-19,504	-4,340	-1,004	46,667	0,093	-203,890	0,000	0,000	5,361	-24,476	4,735
(palo 1500)	16199	3	12,300	-8,446	-205,967	2,967	-18,720	-4,224	-1,041	46,667	0,091	-205,970	0,000	0,000	5,013	-23,163	4,789
	16200	4	12,300	-8,699	-208,016	2,702	-18,003	-4,110	-1,058	46,667	0,088	-208,021	0,000	0,000	4,660	-21,939	4,819
	16201	5	12,300	-8,952	-210,033	2,431	-17,353	-3,984	-1,061	46,667	0,085	-210,041	0,000	-0,031	4,304	-20,805	4,824
EmbeddedBeamRow_2_1	16201	1	12,300	-8,952	-210,033	2,434	-17,353	-3,984	-1,061	46,667	0,085	-210,040	0,000	-0,030	4,307	-20,805	4,824
Element 2-28 (Embedded beam row)	16202	2	12,300	-9,205	-212,018	2,165	-16,772	-3,854	-1,054	46,667	0,083	-212,028	0,000	-0,136	3,953	-19,761	4,803
(palo 1500)	16203	3	12,300	-9,458	-213,970	1,900	-16,258	-3,716	-1,037	46,667	0,080	-213,980	0,000	-0,243	3,606	-18,804	4,755
	16204	4	12,300	-9,711	-215,885	1,642	-15,810	-3,570	-1,011	46,667	0,076	-215,897	0,000	-0,350	3,266	-17,935	4,680
	16205	5	12,300	-9,964	-217,763	1,389	-15,427	-3,415	-0,977	46,667	0,073	-217,778	0,000	-0,457	2,934	-17,151	4,578

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
EmbeddedBeamRow_2_1	16205	1	12,300	-9,964	-217,762	1,390	-15,427	-3,415	-0,977	46,667	0,073	-217,778	0,000	-0,456	2,936	-17,151	4,578
Element 2-29 (Embedded beam row)	16206	2	12,300	-10,217	-219,599	1,147	-15,106	-3,251	-0,936	46,667	0,070	-219,617	0,000	-0,560	2,615	-16,449	4,450
(palo 1500)	16207	3	12,300	-10,470	-221,394	0,916	-14,845	-3,080	-0,889	46,667	0,066	-221,413	0,000	-0,658	2,309	-15,827	4,295
	16208	4	12,300	-10,723	-223,144	0,698	-14,641	-2,901	-0,835	46,667	0,062	-223,164	0,000	-0,751	2,017	-15,280	4,117
	16209	5	12,300	-10,976	-224,849	0,494	-14,491	-2,715	-0,777	46,667	0,058	-224,868	0,000	-0,837	1,740	-14,805	3,916
EmbeddedBeamRow_2_1	16209	1	12,300	-10,976	-224,848	0,494	-14,491	-2,715	-0,777	46,667	0,058	-224,867	0,000	-0,836	1,740	-14,805	3,916
Element 2-30 (Embedded beam row)	16210	2	12,300	-11,229	-226,504	0,305	-14,390	-2,522	-0,714	46,667	0,054	-226,521	0,000	-0,913	1,481	-14,398	3,695
(palo 1500)	16211	3	12,300	-11,482	-228,111	0,133	-14,335	-2,322	-0,647	46,667	0,050	-228,124	0,000	-0,980	1,239	-14,335	3,455
	16212	4	12,300	-11,735	-229,666	-0,022	-14,321	-2,115	-0,577	46,667	0,045	-229,675	0,000	-1,035	1,016	-14,321	3,200
	16213	5	12,300	-11,988	-231,168	-0,159	-14,344	-1,903	-0,503	46,667	0,041	-231,176	0,000	-1,078	0,813	-14,344	2,932
EmbeddedBeamRow_2_1	16213	1	12,300	-11,988	-231,168	-0,158	-14,344	-1,903	-0,503	46,667	0,041	-231,176	0,000	-1,076	0,813	-14,344	2,932
Element 2-31 (Embedded beam row)	16214	2	12,300	-12,241	-232,615	-0,276	-14,400	-1,685	-0,427	46,667	0,036	-232,622	0,000	-1,105	0,630	-14,400	2,656
(palo 1500)	16215	3	12,300	-12,494	-234,007	-0,374	-14,482	-1,462	-0,349	46,667	0,031	-234,013	0,000	-1,116	0,467	-14,482	2,375
	16216	4	12,300	-12,747	-235,342	-0,453	-14,587	-1,233	-0,270	46,667	0,026	-235,346	0,000	-1,107	0,325	-14,587	2,093
	16217	5	12,300	-13,000	-236,618	-0,511	-14,710	-0,997	-0,191	46,667	0,021	-236,621	0,000	-1,080	0,204	-14,710	1,816
EmbeddedBeamRow_2_1	16217	1	12,300	-13,000	-236,617	-0,511	-14,710	-1,495	-0,287	46,667	0,032	-236,620	0,000	-1,079	0,204	-14,710	1,816
Element 2-32 (Embedded beam row)	16218	2	12,300	-13,241	-237,884	-0,576	-14,841	-1,163	-0,256	46,667	0,025	-237,885	0,000	-1,018	0,053	-14,841	1,574
(palo 1500)	16219	3	12,300	-13,482	-239,070	-0,634	-14,987	-0,826	-0,225	46,667	0,018	-239,070	0,000	-0,959	0,000	-14,987	1,349
	16220	4	12,300	-13,723	-240,175	-0,685	-15,146	-0,483	-0,194	46,667	0,010	-240,175	0,000	-0,901	0,000	-15,146	1,137
	16221	5	12,300	-13,964	-241,196	-0,728	-15,317	-0,136	-0,165	46,667	0,003	-241,196	0,000	-0,845	0,000	-15,317	0,938
EmbeddedBeamRow_2_1	16221	1	12,300	-13,964	-241,195	-0,728	-15,317	-0,136	-0,165	46,667	0,003	-241,195	0,000	-0,846	0,000	-15,317	0,938
Element 2-33 (Embedded beam row)	16222	2	12,300	-14,209	-242,147	-0,765	-15,499	0,222	-0,135	46,667	0,005	-242,147	0,000	-0,791	0,000	-15,499	0,748
(palo 1500)	16223	3	12,300	-14,453	-243,010	-0,794	-15,690	0,583	-0,105	46,667	0,012	-243,010	0,000	-0,794	0,000	-15,690	0,570
	16224	4	12,300	-14,698	-243,784	-0,816	-15,888	0,948	-0,076	46,667	0,020	-243,784	0,000	-0,816	0,000	-15,888	0,403
	16225	5	12,300	-14,943	-244,468	-0,831	-16,090	1,316	-0,047	46,667	0,028	-244,468	0,000	-0,831	0,000	-16,090	0,256
EmbeddedBeamRow_2_1	16225	1	12,300	-14,943	-244,468	-0,831	-16,090	1,316	-0,047	46,667	0,028	-244,468	0,000	-0,831	0,000	-16,090	0,256
Element 2-34 (Embedded beam row)	16226	2	12,300	-15,192	-245,071	-0,839	-16,297	1,692	-0,017	46,667	0,036	-245,071	0,000	-0,839	0,000	-16,297	0,182
(palo 1500)	16227	3	12,300	-15,441	-245,580	-0,840	-16,507	2,070	0,012	46,667	0,044	-245,580	0,000	-0,840	0,000	-16,507	0,112
	16228	4	12,300	-15,690	-245,995	-0,833	-16,715	2,451	0,040	46,667	0,053	-245,995	0,000	-0,833	0,000	-16,715	0,047
	16229	5	12,300	-15,938	-246,315	-0,820	-16,921	2,832	0,069	46,667	0,061	-246,315	0,000	-0,834	0,000	-16,921	0,000
EmbeddedBeamRow_2_1	16229	1	12,300	-15,938	-246,315	-0,820	-16,921	2,832	0,069	46,667	0,061	-246,315	0,000	-0,834	0,000	-16,921	0,000
Element 2-35 (Embedded beam row)	16230	2	12,300	-16,191	-246,542	-0,799	-17,125	3,221	0,097	46,667	0,069	-246,542	0,000	-0,849	0,000	-17,125	0,000
(palo 1500)	16231	3	12,300	-16,444	-246,671	-0,771	-17,324	3,611	0,126	46,667	0,077	-246,671	0,000	-0,853	0,000	-17,324	0,000
	16232	4	12,300	-16,697	-246,702	-0,735	-17,514	4,002	0,154	46,667	0,086	-246,702	0,000	-0,847	0,000	-17,514	0,000
	16233	5	12,300	-16,950	-246,634	-0,693	-17,695	4,393	0,182	46,667	0,094	-246,634	0,000	-0,831	0,000	-17,695	0,000
EmbeddedBeamRow_2_1	16233	1	12,300	-16,950	-246,633	-0,693	-17,695	4,393	0,182	46,667	0,094	-246,633	0,000	-0,831	0,000	-17,695	0,000

Structural element	Node [10⁻]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T-- [kN/m/m]	T-- [kN/m/m]	T--- [kN/m/m]	T---	N-- [kN/m]	N-- [kN/m]	Q-- [kN/m]	Q-- [kN/m]	M-- [kN m/m]	M-- [kN m/m]
Element 2-36 (Embedded beam row)	16234	2	12,300	-17,206	-246,463	-0,643	-17,867	4,791	0,210	46,667	0,103	-246,463	0,000	-0,805	0,000	-17,867	0,000
(palo 1500)	16235	3	12,300	-17,463	-246,189	-0,585	-18,025	5,189	0,238	46,667	0,111	-246,189	0,000	-0,769	0,000	-18,025	0,000
	16236	4	12,300	-17,720	-245,814	-0,521	-18,167	5,587	0,265	46,667	0,120	-245,814	0,000	-0,724	0,000	-18,167	0,000
	16237	5	12,300	-17,977	-245,337	-0,449	-18,291	5,985	0,293	46,667	0,128	-245,337	0,000	-0,668	0,000	-18,291	0,000
EmbeddedBeamRow_2_1	16237	1	12,300	-17,977	-245,336	-0,449	-18,291	5,985	0,293	46,667	0,128	-245,336	0,000	-0,669	0,000	-18,291	0,000
Element 2-37 (Embedded beam row)	16238	2	12,300	-18,238	-244,747	-0,369	-18,398	6,389	0,320	46,667	0,137	-244,747	0,000	-0,603	0,000	-18,398	0,000
(palo 1500)	16239	3	12,300	-18,499	-244,052	-0,282	-18,483	6,793	0,347	46,667	0,146	-244,052	0,000	-0,529	0,003	-18,483	0,000
	16240	4	12,300	-18,760	-243,251	-0,188	-18,545	7,196	0,373	46,667	0,154	-243,251	0,000	-0,445	0,050	-18,545	0,000
	16241	5	12,300	-19,021	-242,345	-0,087	-18,581	7,599	0,399	46,667	0,163	-242,345	0,000	-0,353	0,100	-18,581	0,000
EmbeddedBeamRow_2_1	16241	1	12,300	-19,021	-242,345	-0,087	-18,581	7,599	0,399	46,667	0,163	-242,345	0,000	-0,354	0,100	-18,581	0,000
Element 2-38 (Embedded beam row)	16242	2	12,300	-19,286	-241,317	0,022	-18,590	8,008	0,424	46,667	0,172	-241,317	0,000	-0,252	0,153	-18,590	0,000
(palo 1500)	16243	3	12,300	-19,551	-240,181	0,138	-18,569	8,416	0,448	46,667	0,180	-240,181	0,000	-0,142	0,209	-18,569	0,000
	16244	4	12,300	-19,817	-238,936	0,259	-18,516	8,823	0,471	46,667	0,189	-238,936	0,000	-0,024	0,267	-18,516	0,000
	16245	5	12,300	-20,082	-237,585	0,387	-18,431	9,229	0,492	46,667	0,198	-237,585	0,000	0,000	0,387	-18,431	0,000
EmbeddedBeamRow_2_1	16245	1	12,300	-20,082	-237,584	0,387	-18,431	9,229	0,492	46,667	0,198	-237,584	0,000	0,000	0,387	-18,431	0,000
Element 2-39 (Embedded beam row)	16246	2	12,300	-20,351	-236,100	0,522	-18,308	9,642	0,511	46,667	0,207	-236,100	0,000	0,000	0,522	-18,308	0,000
(palo 1500)	16247	3	12,300	-20,621	-234,505	0,662	-18,149	10,053	0,528	46,667	0,215	-234,505	0,000	0,000	0,662	-18,149	0,000
	16248	4	12,300	-20,890	-232,799	0,806	-17,951	10,462	0,543	46,667	0,224	-232,799	0,000	0,000	0,806	-17,951	0,000
	16249	5	12,300	-21,160	-230,983	0,955	-17,714	10,871	0,554	46,667	0,233	-230,983	0,000	0,000	0,955	-17,714	0,000
EmbeddedBeamRow_2_1	16249	1	12,300	-21,160	-230,983	0,954	-17,714	10,871	0,554	46,667	0,233	-230,983	0,000	0,000	0,954	-17,714	0,000
Element 2-40 (Embedded beam row)	16250	2	12,300	-21,433	-229,026	1,108	-17,432	11,284	0,562	46,667	0,242	-229,026	0,000	0,000	1,108	-17,432	0,000
(palo 1500)	16251	3	12,300	-21,707	-226,955	1,262	-17,107	11,696	0,567	46,667	0,251	-226,955	0,000	0,000	1,262	-17,107	0,000
	16252	4	12,300	-21,981	-224,771	1,417	-16,741	12,106	0,567	46,667	0,259	-224,771	0,000	0,000	1,417	-16,741	0,000
	16253	5	12,300	-22,255	-222,477	1,572	-16,331	12,513	0,562	46,667	0,268	-222,477	0,000	0,000	1,572	-16,331	0,000
EmbeddedBeamRow_2_1	16253	1	12,300	-22,255	-222,476	1,571	-16,331	12,513	0,562	46,667	0,268	-222,476	0,000	0,000	1,571	-16,331	0,000
Element 2-41 (Embedded beam row)	16254	2	12,300	-22,533	-220,031	1,727	-15,873	12,925	0,552	46,667	0,277	-220,031	0,000	0,000	1,727	-15,873	0,000
(palo 1500)	16255	3	12,300	-22,811	-217,471	1,878	-15,371	13,334	0,537	46,667	0,286	-217,471	0,000	0,000	1,878	-15,371	0,051
	16256	4	12,300	-23,089	-214,797	2,025	-14,828	13,739	0,516	46,667	0,294	-214,797	0,000	0,000	2,025	-14,828	0,175
	16257	5	12,300	-23,367	-212,012	2,165	-14,245	14,141	0,489	46,667	0,303	-212,012	0,000	0,000	2,165	-14,245	0,300
EmbeddedBeamRow_2_1	16257	1	12,300	-23,367	-212,012	2,164	-14,245	14,141	0,489	46,667	0,303	-212,012	0,000	0,000	2,164	-14,245	0,300
Element 2-42 (Embedded beam row)	16258	2	12,300	-23,650	-209,068	2,299	-13,614	14,546	0,455	46,667	0,312	-209,068	0,000	0,000	2,299	-13,614	0,426
(palo 1500)	16259	3	12,300	-23,933	-206,009	2,422	-12,947	14,947	0,416	46,667	0,320	-206,009	0,000	0,000	2,422	-12,947	0,549
	16260	4	12,300	-24,215	-202,838	2,533	-12,246	15,343	0,372	46,667	0,329	-202,838	0,000	0,000	2,533	-12,246	0,667
	16261	5	12,300	-24,498	-199,557	2,632	-11,516	15,733	0,322	46,667	0,337	-199,557	0,000	0,000	2,632	-11,516	0,778
EmbeddedBeamRow_2_1	16261	1	12,300	-24,498	-199,557	2,631	-11,516	15,733	0,322	46,667	0,337	-199,557	0,000	0,000	2,631	-11,516	0,778
Element 2-43 (Embedded beam row)	16262	2	12,300	-24,785	-196,110	2,716	-10,748	16,122	0,267	46,667	0,345	-196,110	0,000	0,000	2,716	-10,748	0,882

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N-- - [kN/m]	N--- [kN/m]	Q-- [kN/m]	Q--- [kN/m]	M-- - [kN m/m]	M--- [kN m/m]
(palo 1500)	16263	3	12,300	-25,072	-192,552	2,784	-9,957	16,504	0,208	46,667	0,354	-192,552	0,000	0,000	2,784	-9,957	0,974
	16264	4	12,300	-25,360	-188,886	2,835	-9,150	16,878	0,144	46,667	0,362	-188,886	0,000	0,000	2,835	-9,150	1,051
	16265	5	12,300	-25,647	-185,114	2,867	-8,331	17,241	0,073	46,667	0,369	-185,114	0,000	0,000	2,867	-8,331	1,111
EmbeddedBeamRow_2_1	16265	1	12,300	-25,647	-185,115	2,865	-8,331	17,241	0,073	46,667	0,369	-185,115	0,000	0,000	2,865	-8,331	1,111
Element 2-44 (Embedded beam row)	16266	2	12,300	-25,939	-181,177	2,876	-7,493	17,598	-0,009	46,667	0,377	-181,177	0,000	0,000	2,876	-7,493	1,151
(palo 1500)	16267	3	12,300	-26,230	-177,137	2,860	-6,655	17,942	-0,098	46,667	0,384	-177,137	0,000	0,000	2,860	-6,655	1,169
	16268	4	12,300	-26,522	-172,999	2,817	-5,826	18,272	-0,195	46,667	0,392	-172,999	0,000	-0,067	2,817	-5,826	1,162
	16269	5	12,300	-26,814	-168,766	2,746	-5,014	18,586	-0,298	46,667	0,398	-168,766	0,000	-0,155	2,746	-5,014	1,130
EmbeddedBeamRow_2_1	16269	1	12,300	-26,814	-168,770	2,745	-5,014	18,586	-0,298	46,667	0,398	-168,770	0,000	-0,152	2,745	-5,014	1,130
Element 2-45 (Embedded beam row)	16270	2	12,300	-27,110	-164,372	2,641	-4,214	18,897	-0,411	46,667	0,405	-164,372	0,000	-0,241	2,641	-4,214	1,071
(palo 1500)	16271	3	12,300	-27,407	-159,893	2,501	-3,451	19,172	-0,533	46,667	0,411	-159,893	0,000	-0,321	2,501	-3,451	0,987
	16272	4	12,300	-27,703	-155,338	2,324	-2,734	19,411	-0,659	46,667	0,416	-155,338	0,000	-0,392	2,324	-2,734	0,882
	16273	5	12,300	-28,000	-150,711	2,111	-2,076	19,602	-0,782	46,667	0,420	-150,711	0,000	-0,452	2,111	-2,076	0,756
EmbeddedBeamRow_2_1	16273	1	12,300	-28,000	-150,806	2,126	-2,076	19,602	-0,782	46,667	0,420	-150,806	0,000	-0,430	2,126	-2,076	0,756
Element 2-46 (Embedded beam row)	16274	2	12,300	-28,468	-143,258	1,674	-1,184	19,899	-1,040	46,667	0,426	-143,258	0,000	-0,512	1,674	-1,184	0,533
(palo 1500)	16275	3	12,300	-28,935	-135,836	1,146	-0,523	19,889	-1,263	46,667	0,426	-135,836	0,000	-0,487	1,146	-0,523	0,294
	16276	4	12,300	-29,403	-128,646	0,564	-0,121	18,908	-1,269	46,667	0,405	-128,646	0,000	-0,338	0,564	-0,121	0,096
	16277	5	12,300	-29,870	-121,793	-0,049	0,000	16,277	-1,013	46,667	0,349	-121,793	0,000	-0,050	0,000	0,000	0,000

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PLAXIS Report

1.1.1.1.1 Materials - Soil and interfaces - Hardening Soil

Identification number		1	2	4	5
Identification		STRATO B	STRATO C	STRATO A	STRATO A'
Soil model		Hardening Soil	Hardening Soil	Hardening Soil	Hardening Soil
Drainage type		Drained	Drained	Drained	Drained
Colour					
Comments					
γ_unsat	kN/m³	18,50	18,50	18,50	18,50
γ_sat	kN/m³	19,00	19,00	19,00	19,00
e_init		0,5000	0,5000	0,5000	0,5000
n_init		0,3333	0,3333	0,3333	0,3333
Input method		Direct	Direct	Direct	Direct
Rayleigh α		0,000	0,000	0,000	0,000
Rayleigh β		0,000	0,000	0,000	0,000
Identification number		1	2	4	5
Identification		STRATO B	STRATO C	STRATO A	STRATO A'
Soil model		Hardening Soil	Hardening Soil	Hardening Soil	Hardening Soil
Drainage type		Drained	Drained	Drained	Drained
Colour					
Comments					
E_50^ref	kN/m²	30,00E3	45,00E3	7500	5000
E_oed^ref	kN/m²	30,00E3	45,00E3	7500	5000
E_ur^ref	kN/m²	90,00E3	135,0E3	22,50E3	15,00E3
ν_ur		0,2000	0,2000	0,2000	0,2000
Use defaults		False	False	True	True

Identification number		1	2	4	5
K_0^nc		0,5930	0,5930	0,6254	0,7412
R_f		0,9000	0,9000	0,9000	0,9000
Determination		ν-undrained definition	ν-undrained definition	ν-undrained definition	ν-undrained definition
ν_u definition method		Direct	Direct	Direct	Direct
ν_u,equivalent (nu)		0,4950	0,4950	0,4950	0,4950
Skempton B		0,9866	0,9866	0,9866	0,9866
K_w,ref/n	kN/m²	3,687E6	5,531E6	921,9E3	614,6E3
Identification number		1	2	4	5
Identification		STRATO B	STRATO C	STRATO A	STRATO A'
Soil model		Hardening Soil	Hardening Soil	Hardening Soil	Hardening Soil
Drainage type		Drained	Drained	Drained	Drained
Colour					
Comments					
Classification type		Standard	Standard	Standard	Standard
Soil class (Standard)		Coarse	Coarse	Coarse	Coarse
< 2 µm	%	10,00	10,00	10,00	10,00
2 µm - 50 µm	%	13,00	13,00	13,00	13,00
50 µm - 2 mm	%	77,00	77,00	77,00	77,00
Identification number		1	2	4	5
Identification		STRATO B	STRATO C	STRATO A	STRATO A'
Soil model		Hardening Soil	Hardening Soil	Hardening Soil	Hardening Soil
Drainage type		Drained	Drained	Drained	Drained
Colour					
Comments					
c_s	kJ/t/K	0,000	0,000	0,000	0,000
λ_s	kW/m/K	0,000	0,000	0,000	0,000

Identification number		1	2	4	5
ρ_s	t/m³	0,000	0,000	0,000	0,000
Thermal expansion type		Isotropic	Isotropic	Isotropic	Isotropic
α_sv	1/K	0,000	0,000	0,000	0,000
Phase change		False	False	False	False
D_v	m²/day	0,000	0,000	0,000	0,000
f_Tv		0,000	0,000	0,000	0,000
Identification number		1	2	4	5
Identification		STRATO B	STRATO C	STRATO A	STRATO A'
Soil model		Hardening Soil	Hardening Soil	Hardening Soil	Hardening Soil
Drainage type		Drained	Drained	Drained	Drained
Colour					
Comments					
Stiffness determination		Derived	Derived	Derived	Derived
Strength determination		Manual	Manual	Manual	Manual
R_inter		0,6600	0,6600	0,6600	0,6600
Consider gap closure		True	True	True	True
δ_inter	m	0,000	0,000	0,000	0,000
Cross permeability		Impermeable	Impermeable	Impermeable	Impermeable
Drainage conductivity, dk	m³/day/m	0,000	0,000	0,000	0,000
R_thermal	m² K/kW	0,000	0,000	0,000	0,000
Identification number		1	2	4	5
Identification		STRATO B	STRATO C	STRATO A	STRATO A'
Soil model		Hardening Soil	Hardening Soil	Hardening Soil	Hardening Soil
Drainage type		Drained	Drained	Drained	Drained
Colour					
Comments					

Identification number		1	2	4	5
K_0 determination		Automatic	Automatic	Automatic	Automatic
K_0,x		0,5930	0,5930	0,6254	0,7412
K_0,z		0,5930	0,5930	0,6254	0,7412
POP	kN/m²	0,000	0,000	0,000	0,000
OCR		1,000	1,000	1,000	1,000

1.1.1.1.2 Materials - Soil and interfaces - Mohr-Coulomb

Identification number		3
Identification		RIPORTO
Soil model		Mohr-Coulomb
Drainage type		Drained
Colour		
Comments		
γ_unsat	kN/m³	0,1000
γ_sat	kN/m³	0,1000
e_init		0,5000
n_init		0,3333
Input method		Direct
Rayleigh α		0,000
Rayleigh β		0,000
Identification number		3
Identification		RIPORTO
Soil model		Mohr-Coulomb
Drainage type		Drained
Colour		
Comments		
E'_ref	kN/m²	50,00E3
ν (nu)		0,3000
Determination		ν-undrained definition
ν_u definition method		Direct
ν_u,equivalent (nu)		0,4950

Identification number		3
Skempton B		0,9783
K_w,ref/n	kN/m²	1,875E6
Identification number		3
Identification		RIPORTO
Soil model		Mohr-Coulomb
Drainage type		Drained
Colour		
Comments		
Classification type		Standard
Soil class (Standard)		Coarse
< 2 µm	%	10,00
2 µm - 50 µm	%	13,00
50 µm - 2 mm	%	77,00
Identification number		3
Identification		RIPORTO
Soil model		Mohr-Coulomb
Drainage type		Drained
Colour		
Comments		
c_s	kJ/t/K	0,000
λ_s	kW/m/K	0,000
ρ_s	t/m³	0,000
Thermal expansion type		Isotropic
α_sv	1/K	0,000
Phase change		False
D_v	m²/day	0,000

Identification number		3
f_Tv		0,000
Identification number		3
Identification		RIPORTO
Soil model		Mohr-Coulomb
Drainage type		Drained
Colour		
Comments		
Stiffness determination		Derived
Strength determination		Manual
R_inter		0,6600
Consider gap closure		True
Cross permeability		Impermeable
Drainage conductivity, dk	m^3/day/m	0,000
R_thermal	m^2 K/kW	0,000
Identification number		3
Identification		RIPORTO
Soil model		Mohr-Coulomb
Drainage type		Drained
Colour		
Comments		
K_0 determination		Automatic
K_0,x		0,3843
K_0,z		0,3843

1.1.1.2 Materials - Plates

Identification number		1	2
Identification		Paratia 800	PLINTO
Material type		Elastic	Elastic
Colour			
Comments			
w	kN/m/m	2,740	50,00
Input method		Direct	Direct
Rayleigh α		0,000	0,000
Rayleigh β		0,000	0,000
Prevent punching		False	False
Identification number		1	2
Identification		Paratia 800	PLINTO
Material type		Elastic	Elastic
Colour			
Comments			
Isotropic		True	True
Identification number		1	2
Identification		Paratia 800	PLINTO
Material type		Elastic	Elastic
Colour			
Comments			
c	kJ/t/K	0,000	0,000
λ	kW/m/K	0,000	0,000
ρ	t/m^3	0,000	0,000
α	1/K	0,000	0,000

Identification number		1	2
A_eff,T	m²	0,000	0,000

1.1.1.3 Materials - Geogrids

Identification number		1
Identification		Tirante
Material type		Elastic
Colour		
Comments		i=2.2 m
Identification number		1
Identification		Tirante
Material type		Elastic
Colour		
Comments		i=2.2 m
Isotropic		False
Identification number		1
Identification		Tirante
Material type		Elastic
Colour		
Comments		i=2.2 m
c	kJ/t/K	0,000
λ	kW/m/K	0,000
ρ	t/m³	0,000
α	1/K	0,000
A_eff,T	m²	0,000

1.1.1.4 Materials - Anchors

Identification number		1
Identification		tiranti
Material type		Elastic
Colour		
Comments		tubolari 139-8.8
Identification number		1
Identification		tiranti
Material type		Elastic
Colour		
Comments		tubolari 139-8.8
L_spacing	m	2,200
Identification number		1
Identification		tiranti
Material type		Elastic
Colour		
Comments		tubolari 139-8.8
c	kJ/t/K	0,000
λ	kW/m/K	0,000
ρ	t/m³	0,000
α	1/K	0,000
A_eff,T	m²	0,000

1.1.1.5 Materials - Embedded beams

Identification number		1
Identification		palo 1500
Material type		Elastic
Colour		
Comments		
γ	kN/m³	10,00
Input method		Direct
Rayleigh α		0,000
Rayleigh β		0,000
Identification number		1
Identification		palo 1500
Material type		Elastic
Colour		
Comments		
L_spacing	m	4,500
Cross section type		Predefined
Predefined cross section type		Solid circular beam
Diameter	m	1,500
A	m²	1,767
I	m⁴	0,2485
Axial skin resistance		Linear
T_skin, start, max	kN/m	210,0
T_skin, end, max	kN/m	210,0
Lateral resistance		Unlimited
F_max	kN	2078

Identification number	1
Default values	True
Axial stiffness factor	1,097
Lateral stiffness factor	1,097
Base stiffness factor	10,97

3.1.1.1.2 Calculation results, Plate, paratia [Phase_1] (1/14), Table of plate force envelopes

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [10^{-3} kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [10^{-3} kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_1	2432	1	0,000	-0,500	-0,001	-0,001	0,000	0,492	0,000	0,001	0,000	0,000	0,000
Element 1-1 (Plate)	2433	2	0,000	-0,625	-0,309	-0,309	0,000	-76,924	-0,077	0,000	-4,900	-0,005	0,000
(Paratia 800)	2434	3	0,000	-0,750	-0,616	-0,616	0,000	-143,233	-0,143	0,000	-18,765	-0,019	0,000
	2435	4	0,000	-0,875	-0,922	-0,922	0,000	-199,345	-0,199	0,000	-40,292	-0,040	0,000
	2431	5	0,000	-1,000	-1,226	-1,226	0,000	-246,166	-0,246	0,000	-68,218	-0,068	0,000
Plate_1_2	2431	1	0,000	-1,000	-1,226	-1,226	0,000	-248,241	-0,248	0,000	-68,218	-0,068	0,000
Element 2-2 (Plate)	2190	2	0,000	-1,250	-1,827	-1,827	0,000	-310,560	-0,311	0,000	-138,711	-0,139	0,000
(Paratia 800)	2191	3	0,000	-1,500	-2,420	-2,420	0,000	-343,123	-0,343	0,000	-220,993	-0,221	0,000
	2192	4	0,000	-1,750	-3,003	-3,003	0,000	-347,879	-0,348	0,000	-307,997	-0,308	0,000
	2233	5	0,000	-2,000	-3,578	-3,578	0,000	-326,783	-0,327	0,000	-392,806	-0,393	0,000
Plate_1_3	2233	1	0,000	-2,000	-3,578	-3,578	0,000	-328,504	-0,329	0,000	-392,806	-0,393	0,000
Element 3-3 (Plate)	2234	2	0,000	-2,125	-3,863	-3,863	0,000	-311,683	-0,312	0,000	-432,849	-0,433	0,000
(Paratia 800)	2235	3	0,000	-2,250	-4,145	-4,145	0,000	-291,083	-0,291	0,000	-470,567	-0,471	0,000
	2236	4	0,000	-2,375	-4,425	-4,425	0,000	-266,845	-0,267	0,000	-505,486	-0,505	0,000
	2407	5	0,000	-2,500	-4,703	-4,703	0,000	-239,110	-0,239	0,000	-537,135	-0,537	0,000
Plate_1_4	2407	1	0,000	-2,500	-4,704	-4,704	0,000	-239,653	-0,240	0,000	-537,135	-0,537	0,000
Element 4-4 (Plate)	2408	2	0,000	-2,650	-5,035	-5,035	0,000	-202,807	-0,203	0,000	-570,344	-0,570	0,000
(Paratia 800)	2409	3	0,000	-2,800	-5,364	-5,364	0,000	-163,844	-0,164	0,000	-597,869	-0,598	0,000
	2410	4	0,000	-2,950	-5,690	-5,690	0,000	-123,043	-0,123	0,000	-619,419	-0,619	0,000
	2498	5	0,000	-3,100	-6,014	-6,014	0,000	-80,687	-0,081	0,000	-634,711	-0,635	0,000
Plate_1_4	2498	1	0,000	-3,100	-6,015	-6,015	0,000	-80,966	-0,081	0,000	-634,711	-0,635	0,000
Element 4-5 (Plate)	2499	2	0,000	-3,200	-6,229	-6,229	0,000	-52,516	-0,053	0,000	-641,385	-0,641	0,000
(Paratia 800)	2500	3	0,000	-3,300	-6,443	-6,443	0,000	-23,954	-0,024	0,001	-645,208	-0,645	0,000
	2501	4	0,000	-3,400	-6,657	-6,657	0,000	4,660	0,000	0,015	-646,174	-0,646	0,000
	2652	5	0,000	-3,500	-6,869	-6,869	0,000	33,270	0,000	0,039	-644,278	-0,644	0,000
Plate_1_5	2652	1	0,000	-3,500	-6,869	-6,869	0,000	33,180	0,000	0,039	-644,278	-0,644	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [10^{-3} kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [10^{-3} kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Element 5-6 (Plate)	2653	2	0,000	-3,583	-7,045	-7,045	0,000	56,797	0,000	0,059	-640,528	-0,641	0,000
(Paratia 800)	2654	3	0,000	-3,667	-7,221	-7,221	0,000	80,079	0,000	0,080	-634,821	-0,635	0,000
	2655	4	0,000	-3,750	-7,397	-7,397	0,000	102,984	0,000	0,103	-627,190	-0,627	0,000
	2670	5	0,000	-3,833	-7,572	-7,572	0,000	125,471	0,000	0,125	-617,671	-0,618	0,000
Plate_1_6	2670	1	0,000	-3,833	-7,572	-7,572	0,000	125,367	0,000	0,125	-617,671	-0,618	0,000
Element 6-7 (Plate)	2671	2	0,000	-3,925	-7,764	-7,764	0,000	149,450	0,000	0,149	-605,070	-0,605	0,000
(Paratia 800)	2672	3	0,000	-4,017	-7,955	-7,955	0,000	172,521	0,000	0,173	-590,299	-0,590	0,000
	2673	4	0,000	-4,108	-8,147	-8,147	0,000	194,521	0,000	0,195	-573,464	-0,573	0,000
	2718	5	0,000	-4,200	-8,337	-8,337	0,000	215,388	0,000	0,215	-554,669	-0,555	0,000
Plate_1_7	2718	1	0,000	-4,200	-8,337	-8,337	0,000	215,268	0,000	0,215	-554,669	-0,555	0,000
Element 7-8 (Plate)	2719	2	0,000	-4,275	-8,493	-8,493	0,000	231,247	0,000	0,231	-537,922	-0,538	0,000
(Paratia 800)	2720	3	0,000	-4,350	-8,649	-8,649	0,000	246,038	0,000	0,246	-520,011	-0,520	0,000
	2721	4	0,000	-4,425	-8,804	-8,804	0,000	259,600	0,000	0,260	-501,038	-0,501	0,000
	2796	5	0,000	-4,500	-8,959	-8,959	0,000	271,892	0,000	0,272	-481,104	-0,481	0,000
Plate_1_8	2796	1	0,000	-4,500	-8,959	-8,959	0,000	271,646	0,000	0,272	-481,104	-0,481	0,000
Element 8-9 (Plate)	2797	2	0,000	-4,604	-9,175	-9,175	0,000	286,349	0,000	0,286	-452,012	-0,452	0,000
(Paratia 800)	2798	3	0,000	-4,708	-9,390	-9,390	0,000	297,314	0,000	0,297	-421,566	-0,422	0,000
	2799	4	0,000	-4,813	-9,605	-9,605	0,000	304,400	0,000	0,304	-390,182	-0,390	0,000
	3262	5	0,000	-4,917	-9,821	-9,821	0,000	307,465	0,000	0,307	-358,280	-0,358	0,000
Plate_1_8	3262	1	0,000	-4,917	-9,821	-9,821	0,000	307,044	0,000	0,307	-358,280	-0,358	0,000
Element 8-10 (Plate)	3263	2	0,000	-4,998	-9,989	-9,989	0,000	305,917	0,000	0,306	-333,357	-0,333	0,000
(Paratia 800)	3264	3	0,000	-5,079	-10,157	-10,157	0,000	300,905	0,000	0,301	-308,669	-0,309	0,000
	3265	4	0,000	-5,161	-10,326	-10,326	0,000	291,884	0,000	0,292	-284,553	-0,285	0,000
	3612	5	0,000	-5,242	-10,495	-10,495	0,000	278,728	0,000	0,279	-261,346	-0,261	0,000
Plate_1_8	3612	1	0,000	-5,242	-10,495	-10,495	0,000	278,244	0,000	0,278	-261,346	-0,261	0,000
Element 8-11 (Plate)	3613	2	0,000	-5,305	-10,627	-10,627	0,000	264,376	0,000	0,264	-244,134	-0,244	0,000
(Paratia 800)	3614	3	0,000	-5,369	-10,760	-10,760	0,000	246,403	0,000	0,246	-227,923	-0,228	0,000
	3615	4	0,000	-5,432	-10,893	-10,893	0,000	224,286	0,000	0,224	-212,983	-0,213	0,000
	4350	5	0,000	-5,495	-11,027	-11,027	0,000	197,989	0,000	0,198	-199,583	-0,200	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [10^{-3} kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [10^{-3} kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_9	4350	1	0,000	-5,495	-11,009	-11,009	0,000	185,185	0,000	0,185	-199,583	-0,200	0,000
Element 9-12 (Plate)	4351	2	0,000	-5,496	-11,009	-11,009	0,000	183,148	0,000	0,183	-199,365	-0,199	0,000
(Paratia 800)	4352	3	0,000	-5,498	-11,010	-11,010	0,000	181,259	0,000	0,181	-199,149	-0,199	0,000
	4353	4	0,000	-5,499	-11,011	-11,011	0,000	179,511	0,000	0,180	-198,936	-0,199	0,000
	4369	5	0,000	-5,500	-11,012	-11,012	0,000	177,899	0,000	0,178	-198,724	-0,199	0,000
Plate_1_10	4369	1	0,000	-5,500	-11,010	-11,010	0,000	175,424	0,000	0,175	-198,724	-0,199	0,000
Element 10-13 (Plate)	4370	2	0,000	-5,550	-11,056	-11,056	0,000	121,447	0,000	0,121	-191,401	-0,191	0,000
(Paratia 800)	4371	3	0,000	-5,599	-11,101	-11,101	0,000	75,616	0,000	0,076	-186,545	-0,187	0,000
	4372	4	0,000	-5,649	-11,146	-11,146	0,000	37,392	0,000	0,037	-183,775	-0,184	0,000
	4373	5	0,000	-5,698	-11,191	-11,191	0,000	6,240	-0,012	0,006	-182,721	-0,183	0,000
Plate_1_10	4373	1	0,000	-5,698	-11,190	-11,190	0,000	-5,847	-0,018	0,000	-182,721	-0,183	0,000
Element 10-14 (Plate)	4337	2	0,000	-5,946	-11,410	-11,410	0,000	-97,434	-0,100	0,000	-196,411	-0,196	0,000
(Paratia 800)	4338	3	0,000	-6,194	-11,620	-11,620	0,000	-150,296	-0,150	0,000	-227,774	-0,228	0,000
	4339	4	0,000	-6,442	-11,821	-11,821	0,000	-168,825	-0,169	0,000	-268,114	-0,268	0,000
	4554	5	0,000	-6,690	-12,012	-12,012	0,000	-157,415	-0,159	0,000	-309,070	-0,309	0,000
Plate_1_11	4554	1	0,000	-6,690	-12,013	-12,013	0,000	-164,825	-0,165	0,000	-309,070	-0,309	0,000
Element 12-34 (Plate)	4555	2	0,000	-7,054	-12,280	-12,280	0,000	-117,614	-0,126	0,000	-360,984	-0,361	0,000
(Paratia 800)	4556	3	0,000	-7,417	-12,536	-12,536	0,000	-53,645	-0,072	0,000	-392,525	-0,393	0,000
	4557	4	0,000	-7,781	-12,783	-12,783	0,000	25,037	-0,009	0,025	-398,225	-0,398	0,000
	5132	5	0,000	-8,145	-13,019	-13,019	0,000	116,386	0,000	0,116	-372,834	-0,373	0,000
Plate_1_11	5132	1	0,000	-8,145	-13,019	-13,019	0,000	113,089	0,000	0,113	-372,834	-0,373	0,000
Element 12-35 (Plate)	5133	2	0,000	-8,459	-13,216	-13,216	0,000	194,514	0,000	0,195	-324,376	-0,324	0,000
(Paratia 800)	5134	3	0,000	-8,774	-13,406	-13,406	0,000	273,524	0,000	0,274	-250,543	-0,256	0,000
	5135	4	0,000	-9,089	-13,590	-13,590	0,000	349,081	0,000	0,349	-152,416	-0,182	0,000
	5256	5	0,000	-9,404	-13,768	-13,768	0,000	420,143	0,000	0,420	-31,169	-0,089	0,000
Plate_1_11	5256	1	0,000	-9,404	-13,771	-13,771	0,000	412,110	0,000	0,412	-31,169	-0,089	0,000
Element 12-36 (Plate)	5257	2	0,000	-9,677	-13,922	-13,922	0,000	467,578	0,000	0,468	89,373	-0,012	0,089
(Paratia 800)	5258	3	0,000	-9,950	-14,077	-14,077	0,000	487,920	0,000	0,488	220,833	0,000	0,221
	5259	4	0,000	-10,223	-14,238	-14,238	0,000	464,831	0,000	0,465	351,649	0,000	0,352

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [10^{-3} kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [10^{-3} kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	5274	5	0,000	-10,495	-14,405	-14,405	0,000	390,006	0,000	0,390	469,568	0,000	0,470
Plate_1_12	5274	1	0,000	-10,495	-14,409	-14,409	0,000	346,624	0,000	0,347	469,568	0,000	0,470
Element 13-37 (Plate)	5275	2	0,000	-10,765	-14,357	-14,357	0,000	183,029	0,000	0,183	539,669	0,000	0,540
(Paratia 800)	5276	3	0,000	-11,034	-14,299	-14,299	0,000	69,273	0,000	0,069	572,824	0,000	0,573
	5277	4	0,000	-11,304	-14,234	-14,234	0,000	-1,566	-0,005	0,009	580,881	0,000	0,581
	5298	5	0,000	-11,574	-14,162	-14,162	0,000	-36,410	-0,036	0,000	575,114	0,000	0,575
Plate_1_12	5298	1	0,000	-11,574	-14,161	-14,161	0,000	-42,913	-0,043	0,000	575,114	0,000	0,575
Element 13-38 (Plate)	5299	2	0,000	-11,854	-14,076	-14,076	0,000	-66,044	-0,066	0,000	559,566	0,000	0,560
(Paratia 800)	5300	3	0,000	-12,135	-13,979	-13,979	0,000	-79,447	-0,079	0,000	538,937	0,000	0,539
	5301	4	0,000	-12,416	-13,872	-13,872	0,000	-84,069	-0,084	0,000	515,746	0,000	0,516
	5412	5	0,000	-12,697	-13,752	-13,752	0,000	-80,859	-0,081	0,000	492,429	0,000	0,492
Plate_1_12	5412	1	0,000	-12,697	-13,752	-13,752	0,000	-82,347	-0,082	0,000	492,429	0,000	0,492
Element 13-39 (Plate)	5413	2	0,000	-12,990	-13,614	-13,614	0,000	-75,940	-0,076	0,000	469,229	0,000	0,469
(Paratia 800)	5414	3	0,000	-13,282	-13,460	-13,460	0,000	-68,080	-0,068	0,000	448,126	0,000	0,448
	5415	4	0,000	-13,575	-13,291	-13,291	0,000	-59,038	-0,059	0,000	429,486	0,000	0,429
	5616	5	0,000	-13,868	-13,107	-13,107	0,000	-49,091	-0,049	0,000	413,652	0,000	0,414
Plate_1_12	5616	1	0,000	-13,868	-13,106	-13,106	0,000	-49,576	-0,050	0,000	413,652	0,000	0,414
Element 13-40 (Plate)	5617	2	0,000	-14,173	-12,895	-12,895	0,000	-39,881	-0,040	0,000	400,045	0,000	0,400
(Paratia 800)	5618	3	0,000	-14,478	-12,664	-12,664	0,000	-31,435	-0,031	0,000	389,205	0,000	0,389
	5619	4	0,000	-14,783	-12,411	-12,411	0,000	-24,309	-0,024	0,000	380,735	0,000	0,381
	5640	5	0,000	-15,088	-12,136	-12,136	0,000	-18,578	-0,019	0,000	374,235	0,000	0,374
Plate_1_12	5640	1	0,000	-15,088	-12,134	-12,134	0,000	-18,780	-0,019	0,000	374,235	0,000	0,374
Element 13-41 (Plate)	5641	2	0,000	-15,405	-11,823	-11,823	0,000	-14,798	-0,015	0,001	368,938	0,000	0,369
(Paratia 800)	5642	3	0,000	-15,723	-11,481	-11,481	0,000	-12,837	-0,013	0,002	364,630	0,000	0,365
	5643	4	0,000	-16,041	-11,107	-11,107	0,000	-13,551	-0,014	0,002	360,495	0,000	0,360
	5664	5	0,000	-16,358	-10,703	-10,703	0,000	-17,595	-0,018	0,001	355,655	0,000	0,356
Plate_1_12	5664	1	0,000	-16,358	-10,699	-10,699	0,000	-17,973	-0,018	0,001	355,655	0,000	0,356
Element 13-42 (Plate)	5665	2	0,000	-16,689	-10,240	-10,240	0,000	-27,497	-0,027	0,000	348,192	0,000	0,348
(Paratia 800)	5666	3	0,000	-17,021	-9,734	-9,734	0,000	-39,296	-0,039	0,000	337,196	0,000	0,337

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [10^{-3} kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [10^{-3} kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	5667	4	0,000	-17,352	-9,180	-9,180	0,000	-53,388	-0,053	0,000	321,915	0,000	0,322
	6144	5	0,000	-17,683	-8,577	-8,577	0,000	-69,790	-0,070	0,000	301,594	0,000	0,302
Plate_1_12	6144	1	0,000	-17,683	-8,569	-8,569	0,000	-70,146	-0,070	0,000	301,594	0,000	0,302
Element 13-43 (Plate)	6145	2	0,000	-18,028	-7,881	-7,881	0,000	-91,965	-0,092	0,000	273,546	0,000	0,274
(Paratia 800)	6146	3	0,000	-18,373	-7,108	-7,108	0,000	-111,080	-0,111	0,000	238,471	0,000	0,238
	6147	4	0,000	-18,717	-6,249	-6,249	0,000	-128,121	-0,128	0,000	197,136	0,000	0,197
	6734	5	0,000	-19,062	-5,302	-5,302	0,000	-143,718	-0,144	0,000	150,239	0,000	0,150
Plate_1_12	6734	1	0,000	-19,062	-5,272	-5,272	0,000	-137,203	-0,137	0,000	150,239	0,000	0,150
Element 13-44 (Plate)	6735	2	0,000	-19,422	-4,179	-4,179	0,000	-139,488	-0,139	0,000	99,697	0,000	0,100
(Paratia 800)	6736	3	0,000	-19,781	-2,871	-2,871	0,000	-117,897	-0,118	0,000	52,915	0,000	0,053
	6737	4	0,000	-20,141	-1,328	-1,328	0,000	-76,217	-0,076	0,000	17,338	0,000	0,017
	6738	5	0,000	-20,500	0,471	0,000	0,471	-18,233	-0,018	0,000	0,000	0,000	0,000

3.1.1.1.3 Calculation results, Plate, scavo [Phase_2] (2/18), Table of plate force envelopes

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_1	2432	1	0,000	-0,500	0,000	-0,001	0,045	0,000	-0,089	0,001	0,000	0,000	0,000
Element 1-1 (Plate)	2433	2	0,000	-0,625	-0,670	-0,670	0,000	-0,043	-0,077	0,290	-0,003	-0,005	0,011
(Paratia 800)	2434	3	0,000	-0,750	-1,341	-1,341	0,000	-0,081	-0,143	0,727	-0,011	-0,019	0,076
	2435	4	0,000	-0,875	-2,013	-2,013	0,000	-0,111	-0,199	1,129	-0,023	-0,040	0,191
	2431	5	0,000	-1,000	-2,687	-2,687	0,000	-0,131	-0,246	1,404	-0,038	-0,068	0,352
Plate_1_2	2431	1	0,000	-1,000	-2,751	-2,751	0,000	-0,364	-0,364	1,401	-0,038	-0,068	0,352
Element 2-2 (Plate)	2190	2	0,000	-1,250	-4,040	-4,040	0,000	-0,167	-0,311	1,214	-0,079	-0,139	0,690
(Paratia 800)	2191	3	0,000	-1,500	-5,633	-5,633	0,000	-1,096	-1,096	0,525	-0,216	-0,221	0,917
	2192	4	0,000	-1,750	-7,512	-7,512	0,000	-3,082	-3,082	0,000	-0,715	-0,715	0,913
	2233	5	0,000	-2,000	-9,655	-9,655	0,000	-6,057	-6,057	0,000	-1,838	-1,838	0,563
Plate_1_3	2233	1	0,000	-2,000	-9,646	-9,646	0,000	-6,020	-6,020	0,000	-1,838	-1,838	0,563
Element 3-3 (Plate)	2234	2	0,000	-2,125	-10,798	-10,798	0,000	-7,809	-7,809	0,000	-2,700	-2,700	0,227
(Paratia 800)	2235	3	0,000	-2,250	-12,007	-12,007	0,000	-9,805	-9,805	0,000	-3,799	-3,799	0,000
	2236	4	0,000	-2,375	-13,271	-13,271	0,000	-12,008	-12,008	0,000	-5,161	-5,161	0,000
	2407	5	0,000	-2,500	-14,589	-14,589	0,000	-14,415	-14,415	0,000	-6,810	-6,810	0,000
Plate_1_4	2407	1	0,000	-2,500	-14,589	-14,589	0,000	-14,415	-14,415	0,000	-6,810	-6,810	0,000
Element 4-4 (Plate)	2408	2	0,000	-2,650	-16,242	-16,242	0,000	-17,569	-17,569	0,000	-9,204	-9,204	0,000
(Paratia 800)	2409	3	0,000	-2,800	-17,973	-17,973	0,000	-21,010	-21,010	0,000	-12,095	-12,095	0,000
	2410	4	0,000	-2,950	-19,779	-19,779	0,000	-24,734	-24,734	0,000	-15,523	-15,523	0,000
	2498	5	0,000	-3,100	-21,660	-21,660	0,000	-28,737	-28,737	0,000	-19,529	-19,529	0,000
Plate_1_4	2498	1	0,000	-3,100	-21,661	-21,661	0,000	-28,738	-28,738	0,000	-19,529	-19,529	0,000
Element 4-5 (Plate)	2499	2	0,000	-3,200	-22,955	-22,955	0,000	-31,560	-31,560	0,000	-22,542	-22,542	0,000
(Paratia 800)	2500	3	0,000	-3,300	-24,284	-24,284	0,000	-34,507	-34,507	0,001	-25,845	-25,845	0,000
	2501	4	0,000	-3,400	-25,645	-25,645	0,000	-37,576	-37,576	0,015	-29,449	-29,449	0,000
	2652	5	0,000	-3,500	-27,038	-27,038	0,000	-40,766	-40,766	0,039	-33,364	-33,364	0,000
Plate_1_5	2652	1	0,000	-3,500	-27,039	-27,039	0,000	-40,767	-40,767	0,039	-33,364	-33,364	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Element 5-6 (Plate)	2653	2	0,000	-3,583	-28,225	-28,225	0,000	-43,517	-43,517	0,059	-36,874	-36,874	0,000
(Paratia 800)	2654	3	0,000	-3,667	-29,433	-29,433	0,000	-46,353	-46,353	0,080	-40,619	-40,619	0,000
	2655	4	0,000	-3,750	-30,665	-30,665	0,000	-49,273	-49,273	0,103	-44,603	-44,603	0,000
	2670	5	0,000	-3,833	-31,917	-31,917	0,000	-52,273	-52,273	0,125	-48,832	-48,832	0,000
Plate_1_6	2670	1	0,000	-3,833	-31,918	-31,918	0,000	-52,275	-52,275	0,125	-48,832	-48,832	0,000
Element 6-7 (Plate)	2671	2	0,000	-3,925	-33,321	-33,321	0,000	-55,672	-55,672	0,149	-53,778	-53,778	0,000
(Paratia 800)	2672	3	0,000	-4,017	-34,753	-34,753	0,000	-59,171	-59,171	0,173	-59,043	-59,043	0,000
	2673	4	0,000	-4,108	-36,210	-36,210	0,000	-62,770	-62,770	0,195	-64,633	-64,633	0,000
	2718	5	0,000	-4,200	-37,693	-37,693	0,000	-66,465	-66,465	0,215	-70,554	-70,554	0,000
Plate_1_7	2718	1	0,000	-4,200	-37,625	-37,625	0,000	-66,217	-66,217	0,215	-70,554	-70,554	0,000
Element 7-8 (Plate)	2719	2	0,000	-4,275	-38,248	-38,248	0,000	-67,782	-67,782	0,231	-75,580	-75,580	0,000
(Paratia 800)	2720	3	0,000	-4,350	-38,812	-38,812	0,000	-69,120	-69,120	0,246	-80,716	-80,716	0,000
	2721	4	0,000	-4,425	-39,317	-39,317	0,000	-70,238	-70,238	0,260	-85,945	-85,945	0,000
	2796	5	0,000	-4,500	-39,764	-39,764	0,000	-71,140	-71,140	0,272	-91,246	-91,246	0,000
Plate_1_8	2796	1	0,000	-4,500	-39,766	-39,766	0,000	-71,148	-71,148	0,272	-91,246	-91,246	0,000
Element 8-9 (Plate)	2797	2	0,000	-4,604	-40,292	-40,292	0,000	-72,043	-72,043	0,286	-98,707	-98,707	0,000
(Paratia 800)	2798	3	0,000	-4,708	-40,716	-40,716	0,000	-72,559	-72,559	0,297	-106,245	-106,245	0,000
	2799	4	0,000	-4,813	-41,040	-41,040	0,000	-72,703	-72,703	0,304	-113,817	-113,817	0,000
	3262	5	0,000	-4,917	-41,265	-41,265	0,000	-72,482	-72,482	0,307	-121,381	-121,381	0,000
Plate_1_8	3262	1	0,000	-4,917	-41,269	-41,269	0,000	-72,494	-72,494	0,307	-121,381	-121,381	0,000
Element 8-10 (Plate)	3263	2	0,000	-4,998	-41,382	-41,382	0,000	-72,089	-72,089	0,306	-127,255	-127,255	0,000
(Paratia 800)	3264	3	0,000	-5,079	-41,444	-41,444	0,000	-71,493	-71,493	0,301	-133,091	-133,091	0,000
	3265	4	0,000	-5,161	-41,456	-41,456	0,000	-70,710	-70,710	0,292	-138,871	-138,871	0,000
	3612	5	0,000	-5,242	-41,419	-41,419	0,000	-69,743	-69,743	0,279	-144,578	-144,578	0,000
Plate_1_8	3612	1	0,000	-5,242	-41,420	-41,420	0,000	-69,748	-69,748	0,278	-144,578	-144,578	0,000
Element 8-11 (Plate)	3613	2	0,000	-5,305	-41,360	-41,360	0,000	-68,879	-68,879	0,264	-148,970	-148,970	0,000
(Paratia 800)	3614	3	0,000	-5,369	-41,277	-41,277	0,000	-67,922	-67,922	0,246	-153,306	-153,306	0,000
	3615	4	0,000	-5,432	-41,173	-41,173	0,000	-66,889	-66,889	0,224	-157,579	-157,579	0,000
	4350	5	0,000	-5,495	-41,052	-41,052	0,000	-65,794	-65,794	0,198	-161,783	-161,783	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_9	4350	1	0,000	-5,495	-40,970	-40,970	0,000	-65,492	-65,492	0,185	-161,783	-161,783	0,000
Element 9-12 (Plate)	4351	2	0,000	-5,496	-40,956	-40,956	0,000	-65,432	-65,432	0,183	-161,861	-161,861	0,000
(Paratia 800)	4352	3	0,000	-5,498	-40,943	-40,943	0,000	-65,376	-65,376	0,181	-161,938	-161,938	0,000
	4353	4	0,000	-5,499	-40,931	-40,931	0,000	-65,324	-65,324	0,180	-162,015	-162,015	0,000
	4369	5	0,000	-5,500	-40,919	-40,919	0,000	-65,275	-65,275	0,178	-162,093	-162,093	0,000
Plate_1_10	4369	1	0,000	-5,500	-40,925	-40,925	0,000	-65,293	-65,293	0,175	-162,093	-162,093	0,000
Element 10-13 (Plate)	4370	2	0,000	-5,550	-40,454	-40,454	0,000	-63,248	-63,248	0,121	-165,279	-165,279	0,000
(Paratia 800)	4371	3	0,000	-5,599	-40,000	-40,000	0,000	-61,255	-61,255	0,076	-168,366	-168,366	0,000
	4372	4	0,000	-5,649	-39,557	-39,557	0,000	-59,300	-59,300	0,037	-171,355	-171,355	0,000
	4373	5	0,000	-5,698	-39,121	-39,121	0,000	-57,363	-57,363	0,006	-174,247	-174,247	0,000
Plate_1_10	4373	1	0,000	-5,698	-39,130	-39,130	0,000	-57,392	-57,392	0,000	-174,247	-174,247	0,000
Element 10-14 (Plate)	4337	2	0,000	-5,946	-36,890	-36,890	0,000	-47,489	-47,489	0,000	-187,247	-187,247	0,000
(Paratia 800)	4338	3	0,000	-6,194	-34,670	-34,670	0,000	-37,595	-37,595	0,352	-197,792	-197,792	0,000
	4339	4	0,000	-6,442	-32,501	-32,501	0,000	-27,831	-27,831	3,194	-205,903	-205,903	0,000
	4554	5	0,000	-6,690	-30,415	-30,415	0,000	-18,319	-18,319	5,606	-211,614	-211,614	0,000
Plate_1_11	4554	1	0,000	-6,690	-30,418	-30,418	0,000	-18,347	-18,347	5,662	-211,614	-211,614	0,000
Element 12-34 (Plate)	4555	2	0,000	-7,054	-27,911	-27,911	0,000	-6,255	-6,255	8,330	-216,022	-216,022	0,000
(Paratia 800)	4556	3	0,000	-7,417	-25,955	-25,955	0,000	3,882	-0,072	10,987	-216,403	-216,403	0,000
	4557	4	0,000	-7,781	-24,491	-24,491	0,000	12,251	-0,009	15,029	-213,412	-213,412	0,000
	5132	5	0,000	-8,145	-23,459	-23,459	0,000	19,039	0,000	19,039	-207,682	-207,682	0,000
Plate_1_11	5132	1	0,000	-8,145	-23,326	-23,326	0,000	19,123	0,000	19,123	-207,682	-207,682	0,000
Element 12-35 (Plate)	5133	2	0,000	-8,459	-22,248	-22,248	0,000	24,045	0,000	24,045	-200,867	-200,867	0,000
(Paratia 800)	5134	3	0,000	-8,774	-21,207	-21,207	0,000	28,247	0,000	28,247	-192,613	-192,613	0,000
	5135	4	0,000	-9,089	-20,209	-20,209	0,000	31,766	0,000	31,766	-183,142	-183,142	0,000
	5256	5	0,000	-9,404	-19,257	-19,257	0,000	34,639	0,000	34,639	-172,672	-172,672	0,000
Plate_1_11	5256	1	0,000	-9,404	-19,259	-19,259	0,000	34,669	0,000	34,669	-172,672	-172,672	0,000
Element 12-36 (Plate)	5257	2	0,000	-9,677	-18,473	-18,473	0,000	36,744	0,000	36,744	-162,929	-162,929	0,089
(Paratia 800)	5258	3	0,000	-9,950	-17,733	-17,733	0,000	38,508	0,000	38,508	-152,657	-152,657	0,221
	5259	4	0,000	-10,223	-16,977	-16,977	0,000	39,968	0,000	39,968	-141,945	-141,945	0,352

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	5274	5	0,000	-10,495	-16,144	-16,144	0,000	41,132	0,000	41,132	-130,881	-130,881	0,470
Plate_1_12	5274	1	0,000	-10,495	-16,457	-16,457	0,000	41,303	0,000	41,303	-130,881	-130,881	0,470
Element 13-37 (Plate)	5275	2	0,000	-10,765	-15,135	-15,135	0,000	41,238	0,000	41,238	-119,732	-119,732	0,540
(Paratia 800)	5276	3	0,000	-11,034	-13,892	-14,299	0,711	40,193	0,000	40,193	-108,738	-108,738	0,573
	5277	4	0,000	-11,304	-12,720	-14,234	1,416	38,350	-0,005	38,350	-98,128	-98,128	0,581
	5298	5	0,000	-11,574	-11,608	-14,162	2,061	35,890	-0,036	35,890	-88,114	-88,114	0,575
Plate_1_12	5298	1	0,000	-11,574	-11,600	-14,161	2,065	36,015	-0,043	36,015	-88,114	-88,114	0,575
Element 13-38 (Plate)	5299	2	0,000	-11,854	-10,470	-14,076	2,687	33,339	-0,066	33,339	-78,375	-78,375	0,560
(Paratia 800)	5300	3	0,000	-12,135	-9,378	-13,979	3,259	30,644	-0,079	30,644	-69,388	-69,388	0,539
	5301	4	0,000	-12,416	-8,324	-13,872	3,779	27,968	-0,084	27,968	-61,154	-61,154	0,516
	5412	5	0,000	-12,697	-7,310	-13,752	4,248	25,348	-0,081	25,348	-53,671	-53,671	0,492
Plate_1_12	5412	1	0,000	-12,697	-7,311	-13,752	4,250	25,366	-0,082	25,366	-53,671	-53,671	0,492
Element 13-39 (Plate)	5413	2	0,000	-12,990	-6,298	-13,614	4,688	22,769	-0,076	22,769	-46,632	-46,632	0,469
(Paratia 800)	5414	3	0,000	-13,282	-5,329	-13,460	5,077	20,337	-0,068	20,337	-40,327	-40,327	0,448
	5415	4	0,000	-13,575	-4,405	-13,291	5,417	18,076	-0,059	18,076	-34,709	-34,709	0,429
	5616	5	0,000	-13,868	-3,528	-13,107	5,709	15,993	-0,049	15,993	-29,729	-29,729	0,414
Plate_1_12	5616	1	0,000	-13,868	-3,529	-13,106	5,710	15,988	-0,050	15,988	-29,729	-29,729	0,414
Element 13-40 (Plate)	5617	2	0,000	-14,173	-2,666	-12,895	5,966	13,997	-0,040	13,997	-25,163	-25,163	0,400
(Paratia 800)	5618	3	0,000	-14,478	-1,855	-12,664	6,173	12,185	-0,031	12,185	-21,175	-21,175	0,389
	5619	4	0,000	-14,783	-1,099	-12,411	6,332	10,552	-0,024	10,552	-17,712	-17,712	0,381
	5640	5	0,000	-15,088	-0,397	-12,136	6,442	9,096	-0,019	9,096	-14,721	-14,721	0,374
Plate_1_12	5640	1	0,000	-15,088	-0,398	-12,134	6,443	9,091	-0,019	9,091	-14,721	-14,721	0,374
Element 13-41 (Plate)	5641	2	0,000	-15,405	0,273	-11,823	6,507	7,743	-0,015	7,743	-12,052	-12,052	0,369
(Paratia 800)	5642	3	0,000	-15,723	0,878	-11,481	6,521	6,555	-0,013	6,555	-9,784	-9,784	0,388
	5643	4	0,000	-16,041	1,418	-11,107	6,483	5,522	-0,014	5,522	-7,869	-7,869	0,447
	5664	5	0,000	-16,358	1,892	-10,703	6,475	4,638	-0,018	4,638	-6,259	-6,259	0,499
Plate_1_12	5664	1	0,000	-16,358	1,889	-10,699	6,474	4,628	-0,018	4,628	-6,259	-6,259	0,499
Element 13-42 (Plate)	5665	2	0,000	-16,689	2,309	-10,240	6,484	3,835	-0,027	3,835	-4,862	-4,862	0,547
(Paratia 800)	5666	3	0,000	-17,021	2,645	-9,734	6,412	3,150	-0,039	3,150	-3,708	-3,708	0,591

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	5667	4	0,000	-17,352	2,896	-9,180	6,255	2,566	-0,053	2,566	-2,765	-2,765	0,629
	6144	5	0,000	-17,683	3,059	-8,577	6,014	2,075	-0,070	2,075	-1,999	-1,999	0,659
Plate_1_12	6144	1	0,000	-17,683	3,054	-8,569	6,010	2,063	-0,070	2,063	-1,999	-1,999	0,659
Element 13-43 (Plate)	6145	2	0,000	-18,028	3,116	-7,881	5,669	1,613	-0,092	1,613	-1,367	-1,367	0,666
(Paratia 800)	6146	3	0,000	-18,373	3,060	-7,108	5,218	1,220	-0,146	1,220	-0,880	-0,880	0,634
	6147	4	0,000	-18,717	2,885	-6,249	4,655	0,880	-0,259	0,880	-0,519	-0,519	0,565
	6734	5	0,000	-19,062	2,589	-5,302	3,978	0,590	-0,368	0,590	-0,267	-0,267	0,456
Plate_1_12	6734	1	0,000	-19,062	2,593	-5,272	3,985	0,645	-0,325	0,645	-0,267	-0,267	0,456
Element 13-44 (Plate)	6735	2	0,000	-19,422	2,126	-4,179	3,117	0,274	-0,449	0,274	-0,112	-0,112	0,312
(Paratia 800)	6736	3	0,000	-19,781	1,526	-2,871	2,145	0,120	-0,417	0,120	-0,042	-0,042	0,152
	6737	4	0,000	-20,141	0,806	-1,328	1,082	0,064	-0,235	0,064	-0,014	-0,014	0,031
	6738	5	0,000	-20,500	-0,019	-0,059	0,471	-0,010	-0,018	0,088	0,000	0,000	0,000

3.1.1.1.4 Calculation results, Plate, chiodo [Phase_3] (3/105), Table of plate force envelopes

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_1	2432	1	0,000	-0,500	0,005	-0,001	0,045	0,009	-0,089	0,009	0,000	0,000	0,000
Element 1-1 (Plate)	2433	2	0,000	-0,625	-0,446	-0,670	0,000	-0,025	-0,077	0,290	-0,001	-0,005	0,011
(Paratia 800)	2434	3	0,000	-0,750	-0,995	-1,341	0,000	-0,061	-0,143	0,727	-0,006	-0,019	0,076
	2435	4	0,000	-0,875	-1,624	-2,013	0,000	-0,131	-0,199	1,129	-0,018	-0,040	0,191
	2431	5	0,000	-1,000	-2,318	-2,687	0,000	-0,267	-0,298	1,404	-0,042	-0,068	0,352
Plate_1_2	2431	1	0,000	-1,000	-2,355	-2,751	0,000	-0,415	-0,450	1,401	-0,042	-0,068	0,352
Element 2-2 (Plate)	2190	2	0,000	-1,250	-3,671	-4,040	0,000	-0,308	-0,311	1,214	-0,109	-0,139	0,690
(Paratia 800)	2191	3	0,000	-1,500	-5,277	-5,635	0,000	-1,283	-1,283	0,525	-0,287	-0,287	0,917
	2192	4	0,000	-1,750	-7,156	-7,514	0,000	-3,285	-3,285	0,000	-0,836	-0,836	0,913
	2233	5	0,000	-2,000	-9,295	-9,656	0,000	-6,261	-6,261	0,000	-2,010	-2,010	0,563
Plate_1_3	2233	1	0,000	-2,000	-9,286	-9,647	0,000	-6,227	-6,227	0,000	-2,010	-2,010	0,563
Element 3-3 (Plate)	2234	2	0,000	-2,125	-10,436	-10,799	0,000	-8,016	-8,016	0,000	-2,897	-2,897	0,227
(Paratia 800)	2235	3	0,000	-2,250	-11,642	-12,007	0,000	-10,013	-10,013	0,000	-4,022	-4,022	0,000
	2236	4	0,000	-2,375	-12,902	-13,271	0,000	-12,216	-12,216	0,000	-5,410	-5,410	0,000
	2407	5	0,000	-2,500	-14,216	-14,589	0,000	-14,622	-14,622	0,000	-7,085	-7,085	0,000
Plate_1_4	2407	1	0,000	-2,500	-14,217	-14,589	0,000	-14,623	-14,623	0,000	-7,085	-7,085	0,000
Element 4-4 (Plate)	2408	2	0,000	-2,650	-15,865	-16,242	0,000	-17,776	-17,776	0,000	-9,511	-9,511	0,000
(Paratia 800)	2409	3	0,000	-2,800	-17,590	-17,973	0,000	-21,217	-21,217	0,000	-12,432	-12,432	0,000
	2410	4	0,000	-2,950	-19,390	-19,779	0,000	-24,941	-24,941	0,000	-15,892	-15,892	0,000
	2498	5	0,000	-3,100	-21,265	-21,660	0,000	-28,944	-28,944	0,000	-19,929	-19,929	0,000
Plate_1_4	2498	1	0,000	-3,100	-21,266	-21,661	0,000	-28,945	-28,945	0,000	-19,929	-19,929	0,000
Element 4-5 (Plate)	2499	2	0,000	-3,200	-22,556	-22,955	0,000	-31,768	-31,768	0,000	-22,962	-22,962	0,000
(Paratia 800)	2500	3	0,000	-3,300	-23,881	-24,284	0,000	-34,715	-34,715	0,001	-26,286	-26,286	0,000
	2501	4	0,000	-3,400	-25,238	-25,645	0,000	-37,786	-37,786	0,015	-29,911	-29,911	0,000
	2652	5	0,000	-3,500	-26,627	-27,038	0,000	-40,976	-40,976	0,039	-33,847	-33,847	0,000
Plate_1_5	2652	1	0,000	-3,500	-26,627	-27,039	0,000	-40,977	-40,977	0,039	-33,847	-33,847	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Element 5-6 (Plate)	2653	2	0,000	-3,583	-27,809	-28,225	0,000	-43,729	-43,729	0,059	-37,374	-37,374	0,000
(Paratia 800)	2654	3	0,000	-3,667	-29,015	-29,433	0,000	-46,566	-46,566	0,080	-41,137	-41,137	0,000
	2655	4	0,000	-3,750	-30,242	-30,665	0,000	-49,487	-49,487	0,103	-45,139	-45,139	0,000
	2670	5	0,000	-3,833	-31,491	-31,917	0,000	-52,490	-52,490	0,125	-49,386	-49,386	0,000
Plate_1_6	2670	1	0,000	-3,833	-31,890	-32,006	0,000	-51,800	-52,275	0,125	-49,386	-49,386	0,000
Element 6-7 (Plate)	2671	2	0,000	-3,925	-33,290	-33,410	0,000	-55,200	-55,672	0,149	-54,288	-54,288	0,000
(Paratia 800)	2672	3	0,000	-4,017	-34,717	-34,841	0,000	-58,702	-59,171	0,173	-59,510	-59,510	0,000
	2673	4	0,000	-4,108	-36,171	-36,298	0,000	-62,303	-62,770	0,195	-65,057	-65,057	0,000
	2718	5	0,000	-4,200	-37,651	-37,781	0,000	-66,002	-66,465	0,215	-70,936	-70,936	0,000
Plate_1_7	2718	1	0,000	-4,200	-37,601	-37,719	0,000	-65,818	-66,217	0,215	-70,936	-70,936	0,000
Element 7-8 (Plate)	2719	2	0,000	-4,275	-38,246	-38,345	0,000	-67,469	-67,782	0,231	-75,935	-75,935	0,000
(Paratia 800)	2720	3	0,000	-4,350	-38,817	-38,909	0,000	-68,839	-69,120	0,246	-81,049	-81,049	0,000
	2721	4	0,000	-4,425	-39,319	-39,413	0,000	-69,950	-70,238	0,260	-86,257	-86,257	0,000
	2796	5	0,000	-4,500	-39,758	-39,860	0,000	-70,825	-71,140	0,272	-91,536	-91,536	0,000
Plate_1_8	2796	1	0,000	-4,500	-39,763	-39,863	0,000	-70,844	-71,148	0,272	-91,536	-91,536	0,000
Element 8-9 (Plate)	2797	2	0,000	-4,604	-40,283	-40,388	0,000	-71,721	-72,043	0,286	-98,964	-98,964	0,000
(Paratia 800)	2798	3	0,000	-4,708	-40,702	-40,811	0,000	-72,223	-72,559	0,297	-106,467	-106,467	0,000
	2799	4	0,000	-4,813	-41,024	-41,136	0,000	-72,358	-72,703	0,304	-114,004	-114,004	0,000
	3262	5	0,000	-4,917	-41,249	-41,361	0,000	-72,133	-72,482	0,307	-121,532	-121,540	0,000
Plate_1_8	3262	1	0,000	-4,917	-41,253	-41,365	0,000	-72,145	-72,494	0,307	-121,532	-121,540	0,000
Element 8-10 (Plate)	3263	2	0,000	-4,998	-41,368	-41,479	0,000	-71,742	-72,089	0,306	-127,378	-127,397	0,000
(Paratia 800)	3264	3	0,000	-5,079	-41,434	-41,542	0,000	-71,154	-71,493	0,301	-133,186	-133,215	0,000
	3265	4	0,000	-5,161	-41,451	-41,555	0,000	-70,383	-70,710	0,292	-138,939	-138,978	0,000
	3612	5	0,000	-5,242	-41,420	-41,519	0,000	-69,433	-69,743	0,279	-144,619	-144,668	0,000
Plate_1_8	3612	1	0,000	-5,242	-41,422	-41,520	0,000	-69,438	-69,748	0,278	-144,619	-144,668	0,000
Element 8-11 (Plate)	3613	2	0,000	-5,305	-41,367	-41,462	0,000	-68,583	-68,879	0,264	-148,993	-149,049	0,000
(Paratia 800)	3614	3	0,000	-5,369	-41,290	-41,380	0,000	-67,642	-67,922	0,246	-153,311	-153,373	0,000
	3615	4	0,000	-5,432	-41,193	-41,278	0,000	-66,628	-66,889	0,224	-157,567	-157,636	0,000
	4350	5	0,000	-5,495	-41,080	-41,158	0,000	-65,555	-65,794	0,198	-161,754	-161,830	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_9	4350	1	0,000	-5,495	-41,001	-41,077	0,000	-65,257	-65,492	0,185	-161,754	-161,830	0,000
Element 9-12 (Plate)	4351	2	0,000	-5,496	-40,987	-41,063	0,000	-65,199	-65,432	0,183	-161,832	-161,907	0,000
(Paratia 800)	4352	3	0,000	-5,498	-40,974	-41,050	0,000	-65,144	-65,376	0,181	-161,909	-161,984	0,000
	4353	4	0,000	-5,499	-40,962	-41,038	0,000	-65,093	-65,324	0,180	-161,986	-162,061	0,000
	4369	5	0,000	-5,500	-40,952	-41,027	0,000	-65,045	-65,275	0,178	-162,063	-162,139	0,000
Plate_1_10	4369	1	0,000	-5,500	-40,957	-41,032	0,000	-65,064	-65,293	0,175	-162,063	-162,139	0,000
Element 10-13 (Plate)	4370	2	0,000	-5,550	-40,504	-40,565	0,000	-63,061	-63,248	0,121	-165,238	-165,318	0,000
(Paratia 800)	4371	3	0,000	-5,599	-40,067	-40,114	0,000	-61,112	-61,255	0,076	-168,317	-168,400	0,000
	4372	4	0,000	-5,649	-39,641	-39,674	0,000	-59,200	-59,300	0,037	-171,301	-171,385	0,000
	4373	5	0,000	-5,698	-39,221	-39,241	0,000	-57,307	-57,368	0,006	-174,188	-174,274	0,000
Plate_1_10	4373	1	0,000	-5,698	-39,225	-39,248	0,000	-57,312	-57,394	0,000	-174,188	-174,274	0,000
Element 10-14 (Plate)	4337	2	0,000	-5,946	-37,055	-37,055	0,000	-47,627	-47,627	0,000	-187,198	-187,280	0,000
(Paratia 800)	4338	3	0,000	-6,194	-34,865	-34,865	0,000	-37,851	-37,851	0,352	-197,794	-197,857	0,000
	4339	4	0,000	-6,442	-32,692	-32,692	0,000	-28,103	-28,103	3,194	-205,973	-206,012	0,000
	4554	5	0,000	-6,690	-30,574	-30,574	0,000	-18,498	-18,498	5,606	-211,742	-211,760	0,000
Plate_1_11	4554	1	0,000	-6,690	-30,586	-30,586	0,000	-18,529	-18,529	5,662	-211,742	-211,760	0,000
Element 12-34 (Plate)	4555	2	0,000	-7,054	-28,039	-28,055	0,000	-6,265	-6,283	8,330	-216,182	-216,185	0,000
(Paratia 800)	4556	3	0,000	-7,417	-26,067	-26,099	0,000	3,962	-0,072	10,987	-216,548	-216,552	0,000
	4557	4	0,000	-7,781	-24,611	-24,638	0,000	12,352	-0,009	15,029	-213,522	-213,534	0,000
	5132	5	0,000	-8,145	-23,614	-23,623	0,000	19,106	0,000	19,106	-207,760	-207,780	0,000
Plate_1_11	5132	1	0,000	-8,145	-23,472	-23,481	0,000	19,192	0,000	19,192	-207,760	-207,780	0,000
Element 12-35 (Plate)	5133	2	0,000	-8,459	-22,410	-22,416	0,000	24,067	0,000	24,067	-200,930	-200,952	0,000
(Paratia 800)	5134	3	0,000	-8,774	-21,388	-21,391	0,000	28,211	0,000	28,247	-192,678	-192,697	0,000
	5135	4	0,000	-9,089	-20,411	-20,411	0,000	31,666	0,000	31,766	-183,229	-183,239	0,000
	5256	5	0,000	-9,404	-19,482	-19,482	0,000	34,472	0,000	34,639	-172,801	-172,801	0,000
Plate_1_11	5256	1	0,000	-9,404	-19,483	-19,483	0,000	34,506	0,000	34,669	-172,801	-172,801	0,000
Element 12-36 (Plate)	5257	2	0,000	-9,677	-18,719	-18,719	0,000	36,522	0,000	36,744	-163,109	-163,109	0,089
(Paratia 800)	5258	3	0,000	-9,950	-17,998	-17,998	0,000	38,232	0,000	38,508	-152,906	-152,906	0,221
	5259	4	0,000	-10,223	-17,258	-17,258	0,000	39,659	0,000	39,968	-142,274	-142,274	0,352

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	5274	5	0,000	-10,495	-16,438	-16,438	0,000	40,826	0,000	41,132	-131,295	-131,295	0,470
Plate_1_12	5274	1	0,000	-10,495	-16,752	-16,752	0,000	41,038	0,000	41,303	-131,295	-131,295	0,470
Element 13-37 (Plate)	5275	2	0,000	-10,765	-15,399	-15,399	0,000	41,066	0,000	41,238	-120,204	-120,204	0,540
(Paratia 800)	5276	3	0,000	-11,034	-14,131	-14,299	0,711	40,089	0,000	40,193	-109,248	-109,248	0,573
	5277	4	0,000	-11,304	-12,935	-14,234	1,416	38,297	-0,005	38,350	-98,658	-98,658	0,581
	5298	5	0,000	-11,574	-11,803	-14,162	2,061	35,879	-0,036	35,890	-88,653	-88,653	0,575
Plate_1_12	5298	1	0,000	-11,574	-11,794	-14,161	2,065	36,005	-0,043	36,015	-88,653	-88,653	0,575
Element 13-38 (Plate)	5299	2	0,000	-11,854	-10,644	-14,076	2,687	33,366	-0,066	33,366	-78,911	-78,911	0,560
(Paratia 800)	5300	3	0,000	-12,135	-9,533	-13,979	3,259	30,698	-0,079	30,698	-69,913	-69,913	0,539
	5301	4	0,000	-12,416	-8,464	-13,872	3,779	28,041	-0,084	28,041	-61,661	-61,661	0,516
	5412	5	0,000	-12,697	-7,437	-13,752	4,248	25,434	-0,081	25,434	-54,154	-54,154	0,492
Plate_1_12	5412	1	0,000	-12,697	-7,437	-13,752	4,250	25,453	-0,082	25,453	-54,154	-54,154	0,492
Element 13-39 (Plate)	5413	2	0,000	-12,990	-6,412	-13,614	4,688	22,867	-0,076	22,867	-47,089	-47,089	0,469
(Paratia 800)	5414	3	0,000	-13,282	-5,431	-13,460	5,077	20,442	-0,068	20,442	-40,755	-40,755	0,448
	5415	4	0,000	-13,575	-4,498	-13,291	5,417	18,184	-0,059	18,184	-35,105	-35,105	0,429
	5616	5	0,000	-13,868	-3,611	-13,107	5,709	16,101	-0,049	16,101	-30,094	-30,094	0,414
Plate_1_12	5616	1	0,000	-13,868	-3,612	-13,106	5,710	16,097	-0,050	16,097	-30,094	-30,094	0,414
Element 13-40 (Plate)	5617	2	0,000	-14,173	-2,741	-12,895	5,966	14,103	-0,040	14,103	-25,494	-25,494	0,400
(Paratia 800)	5618	3	0,000	-14,478	-1,923	-12,664	6,173	12,288	-0,031	12,288	-21,474	-21,474	0,389
	5619	4	0,000	-14,783	-1,160	-12,411	6,332	10,650	-0,024	10,650	-17,981	-17,981	0,381
	5640	5	0,000	-15,088	-0,453	-12,136	6,442	9,187	-0,019	9,187	-14,961	-14,961	0,374
Plate_1_12	5640	1	0,000	-15,088	-0,454	-12,134	6,443	9,181	-0,019	9,181	-14,961	-14,961	0,374
Element 13-41 (Plate)	5641	2	0,000	-15,405	0,222	-11,823	6,507	7,828	-0,015	7,828	-12,264	-12,264	0,369
(Paratia 800)	5642	3	0,000	-15,723	0,833	-11,481	6,521	6,634	-0,013	6,634	-9,970	-9,970	0,388
	5643	4	0,000	-16,041	1,377	-11,107	6,483	5,595	-0,014	5,595	-8,031	-8,031	0,447
	5664	5	0,000	-16,358	1,854	-10,703	6,475	4,704	-0,018	4,704	-6,399	-6,399	0,499
Plate_1_12	5664	1	0,000	-16,358	1,851	-10,699	6,474	4,694	-0,018	4,694	-6,399	-6,399	0,499
Element 13-42 (Plate)	5665	2	0,000	-16,689	2,275	-10,240	6,484	3,894	-0,027	3,894	-4,981	-4,981	0,547
(Paratia 800)	5666	3	0,000	-17,021	2,614	-9,734	6,412	3,203	-0,039	3,203	-3,809	-3,809	0,591

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	5667	4	0,000	-17,352	2,868	-9,180	6,255	2,613	-0,053	2,613	-2,849	-2,849	0,629
	6144	5	0,000	-17,683	3,034	-8,577	6,014	2,117	-0,070	2,117	-2,068	-2,068	0,659
Plate_1_12	6144	1	0,000	-17,683	3,029	-8,569	6,010	2,105	-0,070	2,105	-2,068	-2,068	0,659
Element 13-43 (Plate)	6145	2	0,000	-18,028	3,094	-7,881	5,669	1,651	-0,092	1,651	-1,422	-1,422	0,666
(Paratia 800)	6146	3	0,000	-18,373	3,040	-7,108	5,218	1,254	-0,146	1,254	-0,923	-0,923	0,634
	6147	4	0,000	-18,717	2,868	-6,249	4,655	0,911	-0,259	0,911	-0,551	-0,551	0,565
	6734	5	0,000	-19,062	2,576	-5,302	3,978	0,617	-0,368	0,617	-0,289	-0,289	0,456
Plate_1_12	6734	1	0,000	-19,062	2,579	-5,272	3,985	0,671	-0,325	0,671	-0,289	-0,289	0,456
Element 13-44 (Plate)	6735	2	0,000	-19,422	2,116	-4,179	3,117	0,296	-0,449	0,296	-0,125	-0,125	0,312
(Paratia 800)	6736	3	0,000	-19,781	1,519	-2,871	2,145	0,136	-0,417	0,136	-0,048	-0,048	0,152
	6737	4	0,000	-20,141	0,803	-1,328	1,082	0,073	-0,235	0,073	-0,015	-0,015	0,031
	6738	5	0,000	-20,500	-0,019	-0,059	0,471	-0,012	-0,018	0,088	0,000	0,000	0,000

3.1.1.1.5 Calculation results, Plate, scavo per plinto [Phase_4] (4/109), Table of plate force envelopes

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_1	2432	1	0,000	-0,500	0,015	-0,001	0,045	0,083	-0,089	0,083	0,000	0,000	0,000
Element 1-1 (Plate)	2433	2	0,000	-0,625	-0,695	-0,695	0,000	-0,181	-0,181	0,290	-0,007	-0,007	0,011
(Paratia 800)	2434	3	0,000	-0,750	-1,411	-1,411	0,000	-0,408	-0,408	0,727	-0,044	-0,044	0,076
	2435	4	0,000	-0,875	-2,133	-2,133	0,000	-0,610	-0,610	1,129	-0,108	-0,108	0,191
	2431	5	0,000	-1,000	-2,858	-2,858	0,000	-0,802	-0,802	1,404	-0,196	-0,196	0,352
Plate_1_2	2431	1	0,000	-1,000	-2,897	-2,897	0,000	-0,952	-0,952	1,401	-0,196	-0,196	0,352
Element 2-2 (Plate)	2190	2	0,000	-1,250	-4,195	-4,195	0,000	-0,799	-0,799	1,214	-0,392	-0,392	0,690
(Paratia 800)	2191	3	0,000	-1,500	-5,773	-5,773	0,000	-1,700	-1,700	0,525	-0,684	-0,684	0,917
	2192	4	0,000	-1,750	-7,625	-7,625	0,000	-3,626	-3,626	0,000	-1,327	-1,327	0,913
	2233	5	0,000	-2,000	-9,740	-9,740	0,000	-6,546	-6,546	0,000	-2,579	-2,579	0,563
Plate_1_3	2233	1	0,000	-2,000	-9,729	-9,729	0,000	-6,502	-6,502	0,000	-2,579	-2,579	0,563
Element 3-3 (Plate)	2234	2	0,000	-2,125	-10,864	-10,864	0,000	-8,254	-8,254	0,000	-3,498	-3,498	0,227
(Paratia 800)	2235	3	0,000	-2,250	-12,054	-12,054	0,000	-10,209	-10,209	0,000	-4,651	-4,651	0,000
	2236	4	0,000	-2,375	-13,297	-13,297	0,000	-12,367	-12,367	0,000	-6,060	-6,060	0,000
	2407	5	0,000	-2,500	-14,594	-14,594	0,000	-14,723	-14,723	0,000	-7,751	-7,751	0,000
Plate_1_4	2407	1	0,000	-2,500	-14,594	-14,594	0,000	-14,722	-14,722	0,000	-7,751	-7,751	0,000
Element 4-4 (Plate)	2408	2	0,000	-2,650	-16,218	-16,242	0,000	-17,807	-17,807	0,000	-10,186	-10,186	0,000
(Paratia 800)	2409	3	0,000	-2,800	-17,916	-17,973	0,000	-21,168	-21,217	0,000	-13,107	-13,107	0,000
	2410	4	0,000	-2,950	-19,686	-19,779	0,000	-24,802	-24,941	0,000	-16,552	-16,552	0,000
	2498	5	0,000	-3,100	-21,528	-21,660	0,000	-28,704	-28,944	0,000	-20,561	-20,561	0,000
Plate_1_4	2498	1	0,000	-3,100	-21,529	-21,661	0,000	-28,704	-28,945	0,000	-20,561	-20,561	0,000
Element 4-5 (Plate)	2499	2	0,000	-3,200	-22,795	-22,955	0,000	-31,452	-31,768	0,000	-23,567	-23,567	0,000
(Paratia 800)	2500	3	0,000	-3,300	-24,094	-24,284	0,000	-34,319	-34,715	0,001	-26,855	-26,855	0,000
	2501	4	0,000	-3,400	-25,425	-25,645	0,000	-37,303	-37,786	0,015	-30,436	-30,436	0,000
	2652	5	0,000	-3,500	-26,785	-27,038	0,000	-40,402	-40,976	0,039	-34,319	-34,319	0,000
Plate_1_5	2652	1	0,000	-3,500	-26,786	-27,039	0,000	-40,403	-40,977	0,039	-34,319	-34,319	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Element 5-6 (Plate)	2653	2	0,000	-3,583	-27,943	-28,225	0,000	-43,073	-43,729	0,059	-37,795	-37,795	0,000
(Paratia 800)	2654	3	0,000	-3,667	-29,122	-29,433	0,000	-45,825	-46,566	0,080	-41,499	-41,499	0,000
	2655	4	0,000	-3,750	-30,323	-30,665	0,000	-48,656	-49,487	0,103	-45,436	-45,436	0,000
	2670	5	0,000	-3,833	-31,543	-31,917	0,000	-51,565	-52,490	0,125	-49,610	-49,610	0,000
Plate_1_6	2670	1	0,000	-3,833	-117,064	-117,064	0,000	96,816	-52,275	96,816	-49,610	-49,610	0,000
Element 6-7 (Plate)	2671	2	0,000	-3,925	-118,431	-118,431	0,000	93,526	-55,672	93,526	-40,886	-54,288	0,000
(Paratia 800)	2672	3	0,000	-4,017	-119,823	-119,823	0,000	90,144	-59,171	90,144	-32,465	-59,510	0,000
	2673	4	0,000	-4,108	-121,239	-121,239	0,000	86,672	-62,770	86,672	-24,357	-65,057	0,000
	2718	5	0,000	-4,200	-122,678	-122,678	0,000	83,113	-66,465	83,113	-16,576	-70,936	0,000
Plate_1_7	2718	1	0,000	-4,200	-122,679	-122,679	0,000	83,112	-66,217	83,112	-16,576	-70,936	0,000
Element 7-8 (Plate)	2719	2	0,000	-4,275	-123,873	-123,873	0,000	80,135	-67,782	80,135	-10,455	-75,935	0,000
(Paratia 800)	2720	3	0,000	-4,350	-125,084	-125,084	0,000	77,098	-69,120	77,098	-4,557	-81,049	0,000
	2721	4	0,000	-4,425	-126,311	-126,311	0,000	74,003	-70,238	74,003	1,111	-86,257	1,111
	2796	5	0,000	-4,500	-127,552	-127,552	0,000	70,852	-71,140	70,852	6,542	-91,536	6,542
Plate_1_8	2796	1	0,000	-4,500	-127,552	-127,552	0,000	70,851	-71,148	70,851	6,542	-91,536	6,542
Element 8-9 (Plate)	2797	2	0,000	-4,604	-129,302	-129,302	0,000	66,380	-72,043	66,380	13,690	-98,964	13,690
(Paratia 800)	2798	3	0,000	-4,708	-131,081	-131,081	0,000	61,799	-72,559	61,799	20,369	-106,467	20,369
	2799	4	0,000	-4,813	-132,888	-132,888	0,000	57,113	-72,703	57,113	26,566	-114,004	26,566
	3262	5	0,000	-4,917	-134,723	-134,723	0,000	52,325	-72,482	52,325	32,267	-121,540	32,267
Plate_1_8	3262	1	0,000	-4,917	-134,723	-134,723	0,000	52,324	-72,494	52,324	32,267	-121,540	32,267
Element 8-10 (Plate)	3263	2	0,000	-4,998	-136,173	-136,173	0,000	48,519	-72,089	48,519	36,363	-127,397	36,363
(Paratia 800)	3264	3	0,000	-5,079	-137,639	-137,639	0,000	44,656	-71,493	44,656	40,150	-133,215	40,150
	3265	4	0,000	-5,161	-139,119	-139,119	0,000	40,738	-70,710	40,738	43,621	-138,978	43,621
	3612	5	0,000	-5,242	-140,613	-140,613	0,000	36,771	-69,743	36,771	46,769	-144,668	46,769
Plate_1_8	3612	1	0,000	-5,242	-140,613	-140,613	0,000	36,773	-69,748	36,773	46,769	-144,668	46,769
Element 8-11 (Plate)	3613	2	0,000	-5,305	-141,783	-141,783	0,000	33,658	-68,879	33,658	49,001	-149,049	49,001
(Paratia 800)	3614	3	0,000	-5,369	-142,960	-142,960	0,000	30,521	-67,922	30,521	51,035	-153,373	51,035
	3615	4	0,000	-5,432	-144,137	-144,137	0,000	27,381	-66,889	27,381	52,870	-157,636	52,870
	4350	5	0,000	-5,495	-145,310	-145,310	0,000	24,258	-65,794	24,258	54,506	-161,830	54,506

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_9	4350	1	0,000	-5,495	-145,155	-145,155	0,000	24,840	-65,492	24,840	54,506	-161,830	54,506
Element 9-12 (Plate)	4351	2	0,000	-5,496	-145,200	-145,200	0,000	24,708	-65,432	24,708	54,535	-161,907	54,535
(Paratia 800)	4352	3	0,000	-5,498	-145,238	-145,238	0,000	24,599	-65,376	24,599	54,564	-161,984	54,564
	4353	4	0,000	-5,499	-145,270	-145,270	0,000	24,512	-65,324	24,512	54,593	-162,061	54,593
	4369	5	0,000	-5,500	-145,296	-145,296	0,000	24,444	-65,275	24,444	54,622	-162,139	54,622
Plate_1_10	4369	1	0,000	-5,500	-145,342	-145,342	0,000	24,290	-65,293	24,290	54,622	-162,139	54,622
Element 10-13 (Plate)	4370	2	0,000	-5,550	-146,262	-146,262	0,000	22,064	-63,248	22,064	55,771	-165,318	55,771
(Paratia 800)	4371	3	0,000	-5,599	-147,197	-147,197	0,000	19,789	-61,255	19,789	56,809	-168,400	56,809
	4372	4	0,000	-5,649	-148,147	-148,147	0,000	17,464	-59,300	17,464	57,734	-171,385	57,734
	4373	5	0,000	-5,698	-149,112	-149,112	0,000	15,085	-57,368	15,085	58,540	-174,274	58,540
Plate_1_10	4373	1	0,000	-5,698	-149,109	-149,109	0,000	15,097	-57,394	15,097	58,540	-174,274	58,540
Element 10-14 (Plate)	4337	2	0,000	-5,946	-154,111	-154,111	0,000	2,603	-48,802	2,603	60,755	-187,280	60,755
(Paratia 800)	4338	3	0,000	-6,194	-159,406	-159,406	0,000	-10,884	-46,542	0,352	59,748	-197,857	59,748
	4339	4	0,000	-6,442	-164,993	-164,993	0,000	-25,365	-48,702	3,194	55,275	-206,012	55,275
	4554	5	0,000	-6,690	-170,873	-170,873	0,000	-40,841	-54,709	5,606	47,090	-211,760	47,090
Plate_1_11	4554	1	0,000	-6,690	-170,538	-170,538	0,000	-39,795	-52,792	5,662	47,090	-211,760	47,090
Element 12-34 (Plate)	4555	2	0,000	-7,054	-174,270	-174,270	0,000	-50,402	-51,339	8,330	30,698	-216,185	30,698
(Paratia 800)	4556	3	0,000	-7,417	-177,786	-177,786	0,000	-59,981	-59,981	10,987	10,535	-216,552	10,535
	4557	4	0,000	-7,781	-180,747	-180,747	0,000	-67,444	-67,444	15,029	-12,678	-213,534	0,000
	5132	5	0,000	-8,145	-182,813	-182,813	0,000	-71,701	-71,701	19,106	-38,103	-207,780	0,000
Plate_1_11	5132	1	0,000	-8,145	-182,879	-182,879	0,000	-71,937	-71,937	19,192	-38,103	-207,780	0,000
Element 12-35 (Plate)	5133	2	0,000	-8,459	-184,214	-184,214	0,000	-73,988	-73,988	24,067	-61,123	-201,454	0,000
(Paratia 800)	5134	3	0,000	-8,774	-185,057	-185,057	0,000	-74,309	-74,309	28,247	-84,522	-198,767	0,000
	5135	4	0,000	-9,089	-185,435	-185,435	0,000	-72,991	-72,991	31,766	-107,767	-194,429	0,000
	5256	5	0,000	-9,404	-185,375	-185,375	0,000	-70,128	-70,128	34,639	-130,336	-190,507	0,000
Plate_1_11	5256	1	0,000	-9,404	-185,353	-185,353	0,000	-70,060	-70,060	34,669	-130,336	-190,507	0,000
Element 12-36 (Plate)	5257	2	0,000	-9,677	-184,998	-184,998	0,000	-66,511	-66,511	36,744	-148,982	-191,363	0,089
(Paratia 800)	5258	3	0,000	-9,950	-184,257	-184,257	0,000	-61,622	-61,622	38,508	-166,499	-190,862	0,221
	5259	4	0,000	-10,223	-183,068	-183,068	0,000	-55,189	-55,189	39,968	-182,465	-194,068	0,352

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	5274	5	0,000	-10,495	-181,371	-181,371	0,000	-47,007	-47,007	41,132	-196,443	-199,074	0,470
Plate_1_12	5274	1	0,000	-10,495	-180,743	-180,743	0,000	-45,310	-45,310	41,303	-196,443	-199,074	0,470
Element 13-37 (Plate)	5275	2	0,000	-10,765	-176,713	-176,713	0,000	-28,508	-28,508	41,238	-206,305	-206,305	0,540
(Paratia 800)	5276	3	0,000	-11,034	-173,281	-173,281	0,711	-15,004	-15,004	40,193	-212,116	-212,116	0,573
	5277	4	0,000	-11,304	-170,226	-170,226	1,416	-4,294	-4,294	39,645	-214,647	-214,647	0,581
	5298	5	0,000	-11,574	-167,326	-167,326	2,061	4,125	-0,036	38,639	-214,630	-214,630	0,575
Plate_1_12	5298	1	0,000	-11,574	-167,210	-167,210	2,065	4,456	-0,043	38,830	-214,630	-214,630	0,575
Element 13-38 (Plate)	5299	2	0,000	-11,854	-163,885	-163,885	2,687	11,600	-0,066	37,282	-212,342	-212,342	0,560
(Paratia 800)	5300	3	0,000	-12,135	-160,454	-160,454	3,259	17,413	-0,079	36,056	-208,239	-208,239	0,539
	5301	4	0,000	-12,416	-156,922	-156,922	3,779	21,994	-0,084	35,536	-202,673	-202,673	0,516
	5412	5	0,000	-12,697	-153,295	-153,295	4,248	25,441	-0,081	34,486	-195,989	-195,989	0,492
Plate_1_12	5412	1	0,000	-12,697	-153,291	-153,291	4,250	25,569	-0,082	34,547	-195,989	-195,989	0,492
Element 13-39 (Plate)	5413	2	0,000	-12,990	-149,400	-149,400	4,688	28,339	-0,076	33,082	-188,086	-188,086	0,469
(Paratia 800)	5414	3	0,000	-13,282	-145,387	-145,387	5,077	30,493	-0,068	33,058	-179,462	-179,462	0,448
	5415	4	0,000	-13,575	-141,253	-141,253	5,417	32,078	-0,059	32,787	-170,289	-170,289	0,429
	5616	5	0,000	-13,868	-136,997	-136,997	5,709	33,142	-0,049	33,142	-160,736	-160,736	0,414
Plate_1_12	5616	1	0,000	-13,868	-137,013	-137,013	5,710	33,162	-0,050	33,162	-160,736	-160,736	0,414
Element 13-40 (Plate)	5617	2	0,000	-14,173	-132,418	-132,418	5,966	33,797	-0,040	33,797	-150,518	-150,518	0,400
(Paratia 800)	5618	3	0,000	-14,478	-127,724	-127,724	6,173	34,043	-0,031	34,043	-140,164	-140,164	0,389
	5619	4	0,000	-14,783	-122,966	-122,966	6,332	33,923	-0,024	33,923	-129,789	-129,789	0,381
	5640	5	0,000	-15,088	-118,181	-118,181	6,442	33,461	-0,019	33,461	-119,509	-119,509	0,374
Plate_1_12	5640	1	0,000	-15,088	-118,165	-118,165	6,443	33,488	-0,019	33,488	-119,509	-119,509	0,374
Element 13-41 (Plate)	5641	2	0,000	-15,405	-113,145	-113,145	6,507	32,753	-0,015	32,753	-108,983	-108,983	0,369
(Paratia 800)	5642	3	0,000	-15,723	-108,006	-108,006	6,521	31,833	-0,013	31,833	-98,716	-98,716	0,388
	5643	4	0,000	-16,041	-102,747	-102,747	6,483	30,743	-0,014	30,743	-88,768	-88,768	0,447
	5664	5	0,000	-16,358	-97,366	-97,366	6,475	29,501	-0,018	29,501	-79,196	-79,196	0,499
Plate_1_12	5664	1	0,000	-16,358	-97,341	-97,341	6,474	29,530	-0,018	29,530	-79,196	-79,196	0,499
Element 13-42 (Plate)	5665	2	0,000	-16,689	-91,551	-91,551	6,484	28,162	-0,027	28,162	-69,648	-69,648	0,547
(Paratia 800)	5666	3	0,000	-17,021	-85,526	-85,526	6,412	26,781	-0,039	26,781	-60,551	-60,551	0,591

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	5667	4	0,000	-17,352	-79,263	-79,263	6,255	25,390	-0,053	25,390	-51,913	-51,913	0,629
	6144	5	0,000	-17,683	-72,763	-72,763	6,014	23,992	-0,070	23,992	-43,741	-43,741	0,659
Plate_1_12	6144	1	0,000	-17,683	-72,724	-72,724	6,010	23,973	-0,070	23,973	-43,741	-43,741	0,659
Element 13-43 (Plate)	6145	2	0,000	-18,028	-65,650	-65,650	5,669	22,513	-0,092	22,513	-35,724	-35,724	0,666
(Paratia 800)	6146	3	0,000	-18,373	-58,156	-58,156	5,218	20,949	-0,146	20,949	-28,221	-28,221	0,634
	6147	4	0,000	-18,717	-50,232	-50,232	4,655	19,246	-0,259	19,246	-21,284	-21,284	0,565
	6734	5	0,000	-19,062	-41,869	-41,869	3,978	17,369	-0,368	17,369	-14,964	-14,964	0,456
Plate_1_12	6734	1	0,000	-19,062	-41,724	-41,724	3,985	17,256	-0,325	17,256	-14,964	-14,964	0,456
Element 13-44 (Plate)	6735	2	0,000	-19,422	-32,475	-32,475	3,117	14,866	-0,449	14,866	-9,192	-9,192	0,312
(Paratia 800)	6736	3	0,000	-19,781	-22,242	-22,242	2,145	11,567	-0,417	11,567	-4,371	-4,371	0,152
	6737	4	0,000	-20,141	-10,755	-10,755	1,082	6,531	-0,235	6,531	-1,083	-1,083	0,031
	6738	5	0,000	-20,500	2,251	-0,059	2,251	-1,072	-1,072	0,088	0,000	0,000	0,000

3.1.1.1.6 Calculation results, Plate, scavo totale a valle [Phase_5] (5/116), Table of plate force envelopes

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_1	2432	1	0,000	-0,500	0,018	-0,001	0,045	0,376	-0,089	0,376	0,000	0,000	0,000
Element 1-1 (Plate)	2433	2	0,000	-0,625	-0,544	-0,695	0,000	-0,839	-0,839	0,290	-0,029	-0,029	0,011
(Paratia 800)	2434	3	0,000	-0,750	-1,124	-1,411	0,000	-2,057	-2,057	0,727	-0,210	-0,210	0,076
	2435	4	0,000	-0,875	-1,717	-2,133	0,000	-3,292	-3,292	1,129	-0,544	-0,544	0,191
	2431	5	0,000	-1,000	-2,319	-2,858	0,000	-4,557	-4,557	1,404	-1,034	-1,034	0,352
Plate_1_2	2431	1	0,000	-1,000	-2,354	-2,897	0,000	-4,586	-4,586	1,401	-1,034	-1,034	0,352
Element 2-2 (Plate)	2190	2	0,000	-1,250	-3,428	-4,195	0,000	-6,090	-6,090	1,214	-2,345	-2,345	0,690
(Paratia 800)	2191	3	0,000	-1,500	-4,742	-5,773	0,000	-8,649	-8,649	0,525	-4,168	-4,168	0,917
	2192	4	0,000	-1,750	-6,291	-7,625	0,000	-12,223	-12,223	0,000	-6,755	-6,755	0,913
	2233	5	0,000	-2,000	-8,067	-9,740	0,000	-16,772	-16,772	0,000	-10,360	-10,360	0,563
Plate_1_3	2233	1	0,000	-2,000	-8,058	-9,729	0,000	-16,722	-16,722	0,000	-10,360	-10,360	0,563
Element 3-3 (Plate)	2234	2	0,000	-2,125	-9,015	-10,864	0,000	-19,267	-19,267	0,000	-12,606	-12,606	0,227
(Paratia 800)	2235	3	0,000	-2,250	-10,020	-12,054	0,000	-22,008	-22,008	0,000	-15,185	-15,185	0,000
	2236	4	0,000	-2,375	-11,072	-13,297	0,000	-24,941	-24,941	0,000	-18,118	-18,118	0,000
	2407	5	0,000	-2,500	-12,171	-14,594	0,000	-28,063	-28,063	0,000	-21,428	-21,428	0,000
Plate_1_4	2407	1	0,000	-2,500	-12,171	-14,594	0,000	-28,063	-28,063	0,000	-21,428	-21,428	0,000
Element 4-4 (Plate)	2408	2	0,000	-2,650	-13,551	-16,242	0,000	-32,055	-32,055	0,000	-25,932	-25,932	0,000
(Paratia 800)	2409	3	0,000	-2,800	-14,996	-17,973	0,000	-36,310	-36,310	0,000	-31,058	-31,058	0,000
	2410	4	0,000	-2,950	-16,507	-19,779	0,000	-40,825	-40,825	0,000	-36,841	-36,841	0,000
	2498	5	0,000	-3,100	-18,081	-21,660	0,000	-45,595	-45,595	0,000	-43,319	-43,319	0,000
Plate_1_4	2498	1	0,000	-3,100	-18,082	-21,661	0,000	-45,596	-45,596	0,000	-43,319	-43,319	0,000
Element 4-5 (Plate)	2499	2	0,000	-3,200	-19,166	-22,955	0,000	-48,915	-48,915	0,000	-48,042	-48,042	0,000
(Paratia 800)	2500	3	0,000	-3,300	-20,280	-24,284	0,000	-52,349	-52,349	0,001	-53,105	-53,105	0,000
	2501	4	0,000	-3,400	-21,422	-25,645	0,000	-55,893	-55,893	0,015	-58,517	-58,517	0,000
	2652	5	0,000	-3,500	-22,591	-27,038	0,000	-59,546	-59,546	0,039	-64,286	-64,286	0,000
Plate_1_5	2652	1	0,000	-3,500	-22,592	-27,039	0,000	-59,547	-59,547	0,039	-64,286	-64,286	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Element 5-6 (Plate)	2653	2	0,000	-3,583	-23,588	-28,225	0,000	-62,675	-62,675	0,059	-69,377	-69,377	0,000
(Paratia 800)	2654	3	0,000	-3,667	-24,604	-29,433	0,000	-65,880	-65,880	0,080	-74,733	-74,733	0,000
	2655	4	0,000	-3,750	-25,639	-30,665	0,000	-69,161	-69,161	0,103	-80,360	-80,360	0,000
	2670	5	0,000	-3,833	-26,694	-31,917	0,000	-72,515	-72,515	0,125	-86,261	-86,261	0,000
Plate_1_6	2670	1	0,000	-3,833	-150,976	-150,976	0,000	143,122	-52,275	143,122	-86,261	-86,261	0,000
Element 6-7 (Plate)	2671	2	0,000	-3,925	-152,158	-152,158	0,000	139,348	-55,672	139,348	-73,315	-73,315	0,000
(Paratia 800)	2672	3	0,000	-4,017	-153,363	-153,363	0,000	135,491	-59,171	135,491	-60,714	-60,714	0,000
	2673	4	0,000	-4,108	-154,591	-154,591	0,000	131,553	-62,770	131,553	-48,469	-65,057	0,000
	2718	5	0,000	-4,200	-155,840	-155,840	0,000	127,537	-66,465	127,537	-36,595	-70,936	0,000
Plate_1_7	2718	1	0,000	-4,200	-155,840	-155,840	0,000	127,536	-66,217	127,536	-36,595	-70,936	0,000
Element 7-8 (Plate)	2719	2	0,000	-4,275	-156,878	-156,878	0,000	124,192	-67,782	124,192	-27,157	-75,935	0,000
(Paratia 800)	2720	3	0,000	-4,350	-157,932	-157,932	0,000	120,792	-69,120	120,792	-17,968	-81,049	0,000
	2721	4	0,000	-4,425	-159,001	-159,001	0,000	117,341	-70,238	117,341	-9,036	-86,257	1,111
	2796	5	0,000	-4,500	-160,084	-160,084	0,000	113,840	-71,140	113,840	-0,368	-91,536	6,542
Plate_1_8	2796	1	0,000	-4,500	-160,084	-160,084	0,000	113,838	-71,148	113,838	-0,368	-91,536	6,542
Element 8-9 (Plate)	2797	2	0,000	-4,604	-161,613	-161,613	0,000	108,889	-72,043	108,889	11,232	-98,964	13,727
(Paratia 800)	2798	3	0,000	-4,708	-163,171	-163,171	0,000	103,839	-72,559	103,839	22,317	-106,467	22,317
	2799	4	0,000	-4,813	-164,756	-164,756	0,000	98,693	-72,703	98,693	32,871	-114,004	32,871
	3262	5	0,000	-4,917	-166,369	-166,369	0,000	93,455	-72,482	93,455	42,879	-121,540	42,879
Plate_1_8	3262	1	0,000	-4,917	-166,370	-166,370	0,000	93,454	-72,494	93,454	42,879	-121,540	42,879
Element 8-10 (Plate)	3263	2	0,000	-4,998	-167,647	-167,647	0,000	89,304	-72,089	89,304	50,302	-127,397	50,302
(Paratia 800)	3264	3	0,000	-5,079	-168,941	-168,941	0,000	85,099	-71,493	85,099	57,390	-133,215	57,390
	3265	4	0,000	-5,161	-170,250	-170,250	0,000	80,843	-70,710	80,843	64,134	-138,978	64,134
	3612	5	0,000	-5,242	-171,574	-171,574	0,000	76,541	-69,743	76,541	70,527	-144,668	70,527
Plate_1_8	3612	1	0,000	-5,242	-171,574	-171,574	0,000	76,542	-69,748	76,542	70,527	-144,668	70,527
Element 8-11 (Plate)	3613	2	0,000	-5,305	-172,614	-172,614	0,000	73,167	-68,879	73,167	75,270	-149,049	75,270
(Paratia 800)	3614	3	0,000	-5,369	-173,661	-173,661	0,000	69,771	-67,922	69,771	79,801	-153,373	79,801
	3615	4	0,000	-5,432	-174,712	-174,712	0,000	66,373	-66,889	66,373	84,116	-157,636	84,116
	4350	5	0,000	-5,495	-175,761	-175,761	0,000	62,995	-65,794	62,995	88,214	-161,830	88,214

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_9	4350	1	0,000	-5,495	-175,550	-175,550	0,000	63,470	-65,492	63,470	88,214	-161,830	88,214
Element 9-12 (Plate)	4351	2	0,000	-5,496	-175,587	-175,587	0,000	63,321	-65,432	63,321	88,289	-161,907	88,289
(Paratia 800)	4352	3	0,000	-5,498	-175,617	-175,617	0,000	63,197	-65,376	63,197	88,364	-161,984	88,364
	4353	4	0,000	-5,499	-175,642	-175,642	0,000	63,095	-65,324	63,095	88,439	-162,061	88,439
	4369	5	0,000	-5,500	-175,662	-175,662	0,000	63,015	-65,275	63,015	88,513	-162,139	88,513
Plate_1_10	4369	1	0,000	-5,500	-175,701	-175,701	0,000	62,847	-65,293	62,847	88,513	-162,139	88,513
Element 10-13 (Plate)	4370	2	0,000	-5,550	-176,381	-176,381	0,000	60,170	-63,248	60,170	91,562	-165,318	91,562
(Paratia 800)	4371	3	0,000	-5,599	-177,075	-177,075	0,000	57,487	-61,255	57,487	94,480	-168,400	94,480
	4372	4	0,000	-5,649	-177,784	-177,784	0,000	54,793	-59,300	54,793	97,264	-171,385	97,264
	4373	5	0,000	-5,698	-178,508	-178,508	0,000	52,085	-57,368	52,085	99,913	-174,274	99,913
Plate_1_10	4373	1	0,000	-5,698	-178,506	-178,506	0,000	52,049	-57,394	52,049	99,913	-174,274	99,913
Element 10-14 (Plate)	4337	2	0,000	-5,946	-182,290	-182,290	0,000	38,423	-48,802	38,423	111,134	-187,280	111,134
(Paratia 800)	4338	3	0,000	-6,194	-186,354	-186,354	0,000	24,379	-46,542	24,379	118,930	-197,857	118,930
	4339	4	0,000	-6,442	-190,697	-190,697	0,000	9,892	-48,702	9,892	123,188	-206,012	123,188
	4554	5	0,000	-6,690	-195,321	-195,321	0,000	-5,062	-54,709	5,606	123,797	-211,760	123,797
Plate_1_11	4554	1	0,000	-6,690	-195,406	-195,406	0,000	-5,348	-52,792	5,662	123,797	-211,760	123,797
Element 12-34 (Plate)	4555	2	0,000	-7,054	-199,448	-199,448	0,000	-20,666	-51,339	8,330	118,952	-216,185	118,952
(Paratia 800)	4556	3	0,000	-7,417	-202,601	-202,601	0,000	-32,225	-59,981	10,987	109,222	-216,552	109,222
	4557	4	0,000	-7,781	-204,877	-204,877	0,000	-40,094	-67,444	15,029	95,958	-213,534	95,958
	5132	5	0,000	-8,145	-206,287	-206,287	0,000	-44,343	-71,701	19,106	80,502	-207,780	80,502
Plate_1_11	5132	1	0,000	-8,145	-206,438	-206,438	0,000	-44,911	-71,937	19,192	80,502	-207,780	80,502
Element 12-35 (Plate)	5133	2	0,000	-8,459	-207,411	-207,411	0,000	-47,379	-73,988	24,067	65,948	-201,454	65,948
(Paratia 800)	5134	3	0,000	-8,774	-208,231	-208,231	0,000	-49,086	-74,309	28,247	50,742	-198,767	50,742
	5135	4	0,000	-9,089	-208,939	-208,939	0,000	-50,193	-72,991	31,766	35,087	-194,429	35,087
	5256	5	0,000	-9,404	-209,577	-209,577	0,000	-50,862	-70,128	34,639	19,170	-190,507	19,170
Plate_1_11	5256	1	0,000	-9,404	-209,577	-209,577	0,000	-50,876	-70,060	34,669	19,170	-190,507	19,170
Element 12-36 (Plate)	5257	2	0,000	-9,677	-210,177	-210,177	0,000	-51,404	-66,511	36,744	5,224	-191,363	5,224
(Paratia 800)	5258	3	0,000	-9,950	-210,742	-210,742	0,000	-51,724	-61,622	38,508	-8,854	-190,862	0,221
	5259	4	0,000	-10,223	-211,232	-211,232	0,000	-51,670	-55,189	39,968	-22,964	-194,068	0,352

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	5274	5	0,000	-10,495	-211,605	-211,605	0,000	-51,076	-51,076	41,132	-36,989	-199,074	0,470
Plate_1_12	5274	1	0,000	-10,495	-211,285	-211,285	0,000	-50,012	-50,012	41,303	-36,989	-199,074	0,470
Element 13-37 (Plate)	5275	2	0,000	-10,765	-207,781	-207,781	0,000	-35,990	-35,990	41,238	-48,519	-206,305	0,540
(Paratia 800)	5276	3	0,000	-11,034	-205,035	-205,035	0,711	-24,528	-24,528	40,193	-56,623	-212,116	0,573
	5277	4	0,000	-11,304	-203,015	-203,015	1,416	-15,524	-15,524	39,645	-61,967	-214,647	0,581
	5298	5	0,000	-11,574	-201,693	-201,693	2,061	-8,875	-8,875	38,639	-65,204	-214,630	0,575
Plate_1_12	5298	1	0,000	-11,574	-201,491	-201,491	2,065	-8,597	-8,597	38,830	-65,204	-214,630	0,575
Element 13-38 (Plate)	5299	2	0,000	-11,854	-199,835	-199,835	2,687	-3,373	-3,373	37,282	-66,860	-212,342	0,560
(Paratia 800)	5300	3	0,000	-12,135	-198,062	-198,062	3,259	0,868	-0,079	36,056	-67,192	-208,239	0,539
	5301	4	0,000	-12,416	-196,176	-196,176	3,779	4,202	-0,084	35,536	-66,457	-202,673	0,516
	5412	5	0,000	-12,697	-194,180	-194,180	4,248	6,702	-0,081	34,486	-64,908	-195,989	0,492
Plate_1_12	5412	1	0,000	-12,697	-194,171	-194,171	4,250	6,799	-0,082	34,547	-64,908	-195,989	0,492
Element 13-39 (Plate)	5413	2	0,000	-12,990	-191,939	-191,939	4,688	8,835	-0,076	33,082	-62,610	-188,086	0,469
(Paratia 800)	5414	3	0,000	-13,282	-189,529	-189,529	5,077	10,458	-0,068	33,058	-59,778	-179,462	0,448
	5415	4	0,000	-13,575	-186,939	-186,939	5,417	11,707	-0,059	32,787	-56,524	-170,289	0,429
	5616	5	0,000	-13,868	-184,169	-184,169	5,709	12,620	-0,049	33,142	-52,958	-160,736	0,414
Plate_1_12	5616	1	0,000	-13,868	-184,158	-184,158	5,710	12,615	-0,050	33,162	-52,958	-160,736	0,414
Element 13-40 (Plate)	5617	2	0,000	-14,173	-181,063	-181,063	5,966	13,219	-0,040	33,797	-49,012	-150,518	0,400
(Paratia 800)	5618	3	0,000	-14,478	-177,706	-177,706	6,173	13,548	-0,031	34,043	-44,924	-140,164	0,389
	5619	4	0,000	-14,783	-174,083	-174,083	6,332	13,624	-0,024	33,923	-40,774	-129,789	0,381
	5640	5	0,000	-15,088	-170,188	-170,188	6,442	13,469	-0,019	33,461	-36,639	-119,509	0,374
Plate_1_12	5640	1	0,000	-15,088	-170,164	-170,164	6,443	13,472	-0,019	33,488	-36,639	-119,509	0,374
Element 13-41 (Plate)	5641	2	0,000	-15,405	-165,767	-165,767	6,507	13,130	-0,015	32,753	-32,408	-108,983	0,369
(Paratia 800)	5642	3	0,000	-15,723	-160,965	-160,965	6,521	12,613	-0,013	31,833	-28,314	-98,716	0,388
	5643	4	0,000	-16,041	-155,753	-155,753	6,483	11,930	-0,014	30,743	-24,409	-88,768	0,447
	5664	5	0,000	-16,358	-150,126	-150,126	6,475	11,094	-0,018	29,501	-20,749	-79,196	0,499
Plate_1_12	5664	1	0,000	-16,358	-150,087	-150,087	6,474	11,113	-0,018	29,530	-20,749	-79,196	0,499
Element 13-42 (Plate)	5665	2	0,000	-16,689	-143,720	-143,720	6,484	10,139	-0,027	28,162	-17,229	-69,648	0,547
(Paratia 800)	5666	3	0,000	-17,021	-136,727	-136,727	6,412	9,076	-0,039	26,781	-14,046	-60,551	0,591

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	5667	4	0,000	-17,352	-129,098	-129,098	6,255	7,936	-0,053	25,390	-11,227	-51,913	0,629
	6144	5	0,000	-17,683	-120,827	-120,827	6,014	6,735	-0,070	23,992	-8,798	-43,741	0,659
Plate_1_12	6144	1	0,000	-17,683	-120,721	-120,721	6,010	6,807	-0,070	23,973	-8,798	-43,741	0,659
Element 13-43 (Plate)	6145	2	0,000	-18,028	-111,319	-111,319	5,669	5,475	-0,092	22,513	-6,686	-35,724	0,666
(Paratia 800)	6146	3	0,000	-18,373	-100,786	-100,786	5,218	4,331	-0,146	20,949	-4,998	-28,221	0,634
	6147	4	0,000	-18,717	-89,107	-89,107	4,655	3,333	-0,259	19,246	-3,681	-21,353	0,565
	6734	5	0,000	-19,062	-76,262	-76,262	3,978	2,437	-0,368	17,369	-2,688	-15,069	0,456
Plate_1_12	6734	1	0,000	-19,062	-75,472	-75,472	3,985	3,614	-0,325	17,256	-2,688	-15,069	0,456
Element 13-44 (Plate)	6735	2	0,000	-19,422	-60,936	-60,936	3,117	1,821	-0,449	14,899	-1,924	-9,300	0,312
(Paratia 800)	6736	3	0,000	-19,781	-43,076	-43,076	2,145	2,805	-0,417	11,676	-0,961	-4,451	0,152
	6737	4	0,000	-20,141	-20,948	-20,948	1,082	2,386	-0,235	6,666	-0,075	-1,152	0,031
	6738	5	0,000	-20,500	6,395	-0,059	6,395	-3,616	-3,616	0,088	0,000	0,000	0,000

3.1.1.1.7 Calculation results, Plate, falda a -5 m [Phase_6] (6/121), Table of plate force envelopes

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_1	2432	1	0,000	-0,500	-0,001	-0,001	0,045	0,482	-0,089	0,482	0,000	0,000	0,000
Element 1-1 (Plate)	2433	2	0,000	-0,625	-0,430	-0,695	0,000	-1,136	-1,136	0,290	-0,039	-0,039	0,011
(Paratia 800)	2434	3	0,000	-0,750	-0,880	-1,411	0,000	-2,895	-2,895	0,727	-0,290	-0,290	0,076
	2435	4	0,000	-0,875	-1,346	-2,133	0,000	-4,807	-4,807	1,129	-0,770	-0,770	0,191
	2431	5	0,000	-1,000	-1,826	-2,858	0,000	-6,884	-6,884	1,404	-1,498	-1,498	0,352
Plate_1_2	2431	1	0,000	-1,000	-1,863	-2,897	0,000	-6,914	-6,914	1,401	-1,498	-1,498	0,352
Element 2-2 (Plate)	2190	2	0,000	-1,250	-2,743	-4,195	0,000	-9,943	-9,943	1,214	-3,583	-3,583	0,690
(Paratia 800)	2191	3	0,000	-1,500	-3,837	-5,773	0,000	-13,966	-13,966	0,525	-6,554	-6,554	0,917
	2192	4	0,000	-1,750	-5,140	-7,625	0,000	-18,943	-18,943	0,000	-10,647	-10,647	0,913
	2233	5	0,000	-2,000	-6,645	-9,740	0,000	-24,829	-24,829	0,000	-16,100	-16,100	0,563
Plate_1_3	2233	1	0,000	-2,000	-6,638	-9,729	0,000	-24,782	-24,782	0,000	-16,100	-16,100	0,563
Element 3-3 (Plate)	2234	2	0,000	-2,125	-7,452	-10,864	0,000	-27,978	-27,978	0,000	-19,394	-19,394	0,227
(Paratia 800)	2235	3	0,000	-2,250	-8,309	-12,054	0,000	-31,358	-31,358	0,000	-23,102	-23,102	0,000
	2236	4	0,000	-2,375	-9,209	-13,297	0,000	-34,920	-34,920	0,000	-27,243	-27,243	0,000
	2407	5	0,000	-2,500	-10,151	-14,594	0,000	-38,660	-38,660	0,000	-31,839	-31,839	0,000
Plate_1_4	2407	1	0,000	-2,500	-10,151	-14,594	0,000	-38,661	-38,661	0,000	-31,839	-31,839	0,000
Element 4-4 (Plate)	2408	2	0,000	-2,650	-11,337	-16,242	0,000	-43,381	-43,381	0,000	-37,988	-37,988	0,000
(Paratia 800)	2409	3	0,000	-2,800	-12,582	-17,973	0,000	-48,354	-48,354	0,000	-44,867	-44,867	0,000
	2410	4	0,000	-2,950	-13,886	-19,779	0,000	-53,575	-53,575	0,000	-52,511	-52,511	0,000
	2498	5	0,000	-3,100	-15,248	-21,660	0,000	-59,038	-59,038	0,000	-60,952	-60,952	0,000
Plate_1_4	2498	1	0,000	-3,100	-15,249	-21,661	0,000	-59,040	-59,040	0,000	-60,952	-60,952	0,000
Element 4-5 (Plate)	2499	2	0,000	-3,200	-16,189	-22,955	0,000	-62,816	-62,816	0,000	-67,042	-67,042	0,000
(Paratia 800)	2500	3	0,000	-3,300	-17,156	-24,284	0,000	-66,702	-66,702	0,001	-73,518	-73,518	0,000
	2501	4	0,000	-3,400	-18,148	-25,645	0,000	-70,694	-70,694	0,015	-80,388	-80,388	0,000
	2652	5	0,000	-3,500	-19,166	-27,038	0,000	-74,789	-74,789	0,039	-87,659	-87,659	0,000
Plate_1_5	2652	1	0,000	-3,500	-19,166	-27,039	0,000	-74,791	-74,791	0,039	-87,659	-87,659	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Element 5-6 (Plate)	2653	2	0,000	-3,583	-20,034	-28,225	0,000	-78,284	-78,284	0,059	-94,035	-94,035	0,000
(Paratia 800)	2654	3	0,000	-3,667	-20,920	-29,433	0,000	-81,852	-81,852	0,080	-100,708	-100,708	0,000
	2655	4	0,000	-3,750	-21,824	-30,665	0,000	-85,493	-85,493	0,103	-107,680	-107,680	0,000
	2670	5	0,000	-3,833	-22,746	-31,917	0,000	-89,203	-89,203	0,125	-114,957	-114,957	0,000
Plate_1_6	2670	1	0,000	-3,833	-180,648	-180,648	0,000	184,765	-52,275	184,765	-114,957	-114,957	0,000
Element 6-7 (Plate)	2671	2	0,000	-3,925	-181,682	-181,682	0,000	180,605	-55,672	180,605	-98,212	-98,212	0,000
(Paratia 800)	2672	3	0,000	-4,017	-182,738	-182,738	0,000	176,367	-59,171	176,367	-81,845	-81,845	0,000
	2673	4	0,000	-4,108	-183,815	-183,815	0,000	172,055	-62,770	172,055	-65,870	-65,870	0,000
	2718	5	0,000	-4,200	-184,912	-184,912	0,000	167,672	-66,465	167,672	-50,300	-70,936	0,000
Plate_1_7	2718	1	0,000	-4,200	-184,913	-184,913	0,000	167,670	-66,217	167,670	-50,300	-70,936	0,000
Element 7-8 (Plate)	2719	2	0,000	-4,275	-185,826	-185,826	0,000	164,030	-67,782	164,030	-37,864	-75,935	0,000
(Paratia 800)	2720	3	0,000	-4,350	-186,754	-186,754	0,000	160,338	-69,120	160,338	-25,697	-81,049	0,000
	2721	4	0,000	-4,425	-187,696	-187,696	0,000	156,599	-70,238	156,599	-13,809	-86,257	1,111
	2796	5	0,000	-4,500	-188,652	-188,652	0,000	152,814	-71,140	152,814	-2,208	-91,536	6,542
Plate_1_8	2796	1	0,000	-4,500	-188,652	-188,652	0,000	152,812	-71,148	152,812	-2,208	-91,536	6,542
Element 8-9 (Plate)	2797	2	0,000	-4,604	-190,004	-190,004	0,000	147,474	-72,043	147,474	13,431	-98,964	13,727
(Paratia 800)	2798	3	0,000	-4,708	-191,383	-191,383	0,000	142,041	-72,559	142,041	28,517	-106,467	28,517
	2799	4	0,000	-4,813	-192,791	-192,791	0,000	136,517	-72,703	136,517	43,032	-114,004	43,032
	3262	5	0,000	-4,917	-194,224	-194,224	0,000	130,905	-72,482	130,906	56,960	-121,540	56,960
Plate_1_8	3262	1	0,000	-4,917	-194,225	-194,225	0,000	130,903	-72,494	130,903	56,960	-121,540	56,960
Element 8-10 (Plate)	3263	2	0,000	-4,998	-195,363	-195,363	0,000	126,464	-72,089	126,464	67,414	-127,397	67,414
(Paratia 800)	3264	3	0,000	-5,079	-196,517	-196,517	0,000	121,969	-71,493	121,969	77,510	-133,215	77,510
	3265	4	0,000	-5,161	-197,688	-197,688	0,000	117,424	-70,710	117,424	87,239	-138,978	87,239
	3612	5	0,000	-5,242	-198,874	-198,874	0,000	112,832	-69,743	112,832	96,592	-144,668	96,592
Plate_1_8	3612	1	0,000	-5,242	-198,874	-198,874	0,000	112,832	-69,748	112,832	96,592	-144,668	96,592
Element 8-11 (Plate)	3613	2	0,000	-5,305	-199,807	-199,807	0,000	109,230	-68,879	109,230	103,627	-149,049	103,627
(Paratia 800)	3614	3	0,000	-5,369	-200,749	-200,749	0,000	105,603	-67,922	105,603	110,436	-153,373	110,436
	3615	4	0,000	-5,432	-201,695	-201,695	0,000	101,973	-66,889	101,973	117,016	-157,636	117,016
	4350	5	0,000	-5,495	-202,642	-202,642	0,000	98,360	-65,794	98,360	123,362	-161,830	123,362

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_9	4350	1	0,000	-5,495	-202,385	-202,385	0,000	98,734	-65,492	98,734	123,362	-161,830	123,362
Element 9-12 (Plate)	4351	2	0,000	-5,496	-202,415	-202,415	0,000	98,569	-65,432	98,569	123,479	-161,907	123,479
(Paratia 800)	4352	3	0,000	-5,498	-202,439	-202,439	0,000	98,430	-65,376	98,430	123,595	-161,984	123,595
	4353	4	0,000	-5,499	-202,457	-202,457	0,000	98,316	-65,324	98,316	123,712	-162,061	123,712
	4369	5	0,000	-5,500	-202,472	-202,472	0,000	98,223	-65,275	98,223	123,828	-162,139	123,828
Plate_1_10	4369	1	0,000	-5,500	-202,505	-202,505	0,000	98,042	-65,293	98,042	123,828	-162,139	123,828
Element 10-13 (Plate)	4370	2	0,000	-5,550	-202,980	-202,980	0,000	94,922	-63,248	94,922	128,611	-165,318	128,611
(Paratia 800)	4371	3	0,000	-5,599	-203,470	-203,470	0,000	91,825	-61,255	91,825	133,242	-168,400	133,242
	4372	4	0,000	-5,649	-203,974	-203,974	0,000	88,745	-59,300	88,745	137,719	-171,385	137,719
	4373	5	0,000	-5,698	-204,495	-204,495	0,000	85,679	-57,368	85,679	142,042	-174,274	142,042
Plate_1_10	4373	1	0,000	-5,698	-204,497	-204,497	0,000	85,596	-57,394	85,596	142,042	-174,274	142,042
Element 10-14 (Plate)	4337	2	0,000	-5,946	-207,270	-207,270	0,000	70,458	-48,802	70,458	161,387	-187,280	161,387
(Paratia 800)	4338	3	0,000	-6,194	-210,359	-210,359	0,000	55,089	-46,542	55,089	176,958	-197,857	176,958
	4339	4	0,000	-6,442	-213,768	-213,768	0,000	39,459	-48,702	39,459	188,687	-206,012	188,687
	4554	5	0,000	-6,690	-217,500	-217,500	0,000	23,536	-54,709	23,536	196,500	-211,760	196,500
Plate_1_11	4554	1	0,000	-6,690	-217,486	-217,486	0,000	23,421	-52,792	23,421	196,500	-211,760	196,500
Element 12-34 (Plate)	4555	2	0,000	-7,054	-220,229	-220,229	0,000	7,217	-51,339	8,330	201,964	-216,185	201,964
(Paratia 800)	4556	3	0,000	-7,417	-222,530	-222,530	0,000	-5,901	-59,981	10,987	202,129	-216,552	202,129
	4557	4	0,000	-7,781	-224,467	-224,467	0,000	-16,311	-67,444	15,029	198,000	-213,534	198,000
	5132	5	0,000	-8,145	-226,118	-226,118	0,000	-24,390	-71,701	19,106	190,542	-207,780	190,542
Plate_1_11	5132	1	0,000	-8,145	-226,243	-226,243	0,000	-24,965	-71,937	19,192	190,542	-207,780	190,542
Element 12-35 (Plate)	5133	2	0,000	-8,459	-227,719	-227,719	0,000	-31,690	-73,988	24,067	181,619	-201,454	181,619
(Paratia 800)	5134	3	0,000	-8,774	-229,296	-229,296	0,000	-38,355	-74,309	28,247	170,589	-198,767	170,589
	5135	4	0,000	-9,089	-231,002	-231,002	0,000	-45,052	-72,991	31,766	157,452	-194,429	157,452
	5256	5	0,000	-9,404	-232,864	-232,864	0,000	-51,873	-70,128	34,639	142,199	-190,507	142,199
Plate_1_11	5256	1	0,000	-9,404	-232,905	-232,905	0,000	-52,251	-70,060	34,669	142,199	-190,507	142,199
Element 12-36 (Plate)	5257	2	0,000	-9,677	-234,715	-234,715	0,000	-57,909	-66,511	36,744	127,186	-191,363	127,186
(Paratia 800)	5258	3	0,000	-9,950	-236,736	-236,736	0,000	-64,131	-64,131	38,508	110,561	-190,862	110,561
	5259	4	0,000	-10,223	-239,019	-239,018	0,000	-71,178	-71,178	39,968	92,119	-194,068	92,119

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	5274	5	0,000	-10,495	-241,612	-241,612	0,000	-79,309	-79,309	41,132	71,632	-199,074	71,632
Plate_1_12	5274	1	0,000	-10,495	-241,262	-241,262	0,000	-78,127	-78,127	41,303	71,632	-199,074	71,632
Element 13-37 (Plate)	5275	2	0,000	-10,765	-238,169	-238,169	0,000	-65,570	-65,570	41,238	52,294	-206,305	52,294
(Paratia 800)	5276	3	0,000	-11,034	-235,447	-235,447	0,711	-54,385	-54,385	40,193	36,160	-212,116	36,160
	5277	4	0,000	-11,304	-233,180	-233,180	1,416	-44,766	-44,766	39,645	22,824	-214,647	22,824
	5298	5	0,000	-11,574	-231,452	-231,452	2,061	-36,905	-36,905	38,639	11,862	-214,630	11,862
Plate_1_12	5298	1	0,000	-11,574	-231,237	-231,237	2,065	-36,984	-36,984	38,830	11,862	-214,630	11,862
Element 13-38 (Plate)	5299	2	0,000	-11,854	-229,108	-229,108	2,687	-30,073	-30,073	37,282	2,468	-212,342	2,468
(Paratia 800)	5300	3	0,000	-12,135	-226,845	-226,845	3,259	-24,125	-24,125	36,056	-5,121	-208,239	0,539
	5301	4	0,000	-12,416	-224,439	-224,439	3,779	-19,167	-19,167	35,536	-11,180	-202,673	0,516
	5412	5	0,000	-12,697	-221,879	-221,879	4,248	-15,228	-15,228	34,486	-15,985	-195,989	0,492
Plate_1_12	5412	1	0,000	-12,697	-221,860	-221,860	4,250	-15,260	-15,260	34,547	-15,985	-195,989	0,492
Element 13-39 (Plate)	5413	2	0,000	-12,990	-219,173	-219,173	4,688	-11,469	-11,469	33,082	-19,885	-188,086	0,469
(Paratia 800)	5414	3	0,000	-13,282	-216,308	-216,308	5,077	-8,195	-8,195	33,058	-22,747	-179,462	0,448
	5415	4	0,000	-13,575	-213,253	-213,253	5,417	-5,513	-5,513	32,787	-24,740	-170,289	0,429
	5616	5	0,000	-13,868	-209,992	-209,992	5,709	-3,498	-3,498	33,142	-26,040	-160,736	0,414
Plate_1_12	5616	1	0,000	-13,868	-209,953	-209,953	5,710	-3,586	-3,586	33,162	-26,040	-160,736	0,414
Element 13-40 (Plate)	5617	2	0,000	-14,173	-206,449	-206,449	5,966	-1,545	-1,545	33,797	-26,820	-150,518	0,400
(Paratia 800)	5618	3	0,000	-14,478	-202,623	-202,623	6,173	0,261	-0,031	34,043	-27,004	-140,164	0,389
	5619	4	0,000	-14,783	-198,462	-198,462	6,332	1,719	-0,024	33,923	-26,696	-129,789	0,381
	5640	5	0,000	-15,088	-193,954	-193,954	6,442	2,714	-0,019	33,461	-26,005	-119,509	0,374
Plate_1_12	5640	1	0,000	-15,088	-193,908	-193,908	6,443	2,586	-0,019	33,488	-26,005	-119,509	0,374
Element 13-41 (Plate)	5641	2	0,000	-15,405	-188,942	-188,942	6,507	3,738	-0,015	32,753	-25,002	-108,983	0,369
(Paratia 800)	5642	3	0,000	-15,723	-183,474	-183,474	6,521	4,778	-0,013	31,833	-23,639	-98,716	0,388
	5643	4	0,000	-16,041	-177,497	-177,497	6,483	5,555	-0,014	30,743	-21,993	-88,768	0,447
	5664	5	0,000	-16,358	-171,001	-171,001	6,475	5,918	-0,018	29,501	-20,156	-79,196	0,499
Plate_1_12	5664	1	0,000	-16,358	-170,941	-170,941	6,474	5,765	-0,018	29,530	-20,156	-79,196	0,499
Element 13-42 (Plate)	5665	2	0,000	-16,689	-163,721	-163,721	6,484	6,213	-0,027	28,162	-18,175	-69,648	0,547
(Paratia 800)	5666	3	0,000	-17,021	-155,759	-155,759	6,412	6,555	-0,039	26,781	-16,051	-60,551	0,591

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	5667	4	0,000	-17,352	-147,044	-147,044	6,255	6,638	-0,053	25,390	-13,862	-51,913	0,629
	6144	5	0,000	-17,683	-137,565	-137,565	6,014	6,310	-0,070	23,992	-11,704	-43,741	0,659
Plate_1_12	6144	1	0,000	-17,683	-137,410	-137,410	6,010	6,206	-0,070	23,973	-11,704	-43,741	0,659
Element 13-43 (Plate)	6145	2	0,000	-18,028	-126,832	-126,832	5,669	5,694	-0,092	22,513	-9,668	-35,724	0,666
(Paratia 800)	6146	3	0,000	-18,373	-114,905	-114,905	5,218	5,416	-0,146	20,949	-7,743	-28,221	0,634
	6147	4	0,000	-18,717	-101,617	-101,617	4,655	5,057	-0,259	19,246	-5,940	-21,353	0,565
	6734	5	0,000	-19,062	-86,958	-86,958	3,978	4,302	-0,368	17,369	-4,306	-15,069	0,456
Plate_1_12	6734	1	0,000	-19,062	-85,991	-85,991	3,985	5,514	-0,325	17,256	-4,306	-15,069	0,456
Element 13-44 (Plate)	6735	2	0,000	-19,422	-69,622	-69,622	3,117	3,293	-0,449	14,899	-2,968	-9,300	0,312
(Paratia 800)	6736	3	0,000	-19,781	-49,267	-49,267	2,145	4,189	-0,417	11,676	-1,465	-4,451	0,152
	6737	4	0,000	-20,141	-23,815	-23,815	1,082	3,294	-0,235	6,666	-0,171	-1,152	0,031
	6738	5	0,000	-20,500	7,844	-0,059	7,844	-4,300	-4,300	0,088	0,000	0,000	0,000

3.1.1.1.8 Calculation results, Plate, terrapieno [Phase_7] (7/138), Table of plate force envelopes

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_1	2432	1	0,000	-0,500	-0,002	-0,002	0,045	0,484	-0,089	0,484	0,000	0,000	0,000
Element 1-1 (Plate)	2433	2	0,000	-0,625	-0,426	-0,695	0,000	-1,141	-1,141	0,290	-0,040	-0,040	0,011
(Paratia 800)	2434	3	0,000	-0,750	-0,869	-1,411	0,000	-2,906	-2,906	0,727	-0,291	-0,291	0,076
	2435	4	0,000	-0,875	-1,329	-2,133	0,000	-4,822	-4,822	1,129	-0,773	-0,773	0,191
	2431	5	0,000	-1,000	-1,802	-2,858	0,000	-6,901	-6,901	1,404	-1,503	-1,503	0,352
Plate_1_2	2431	1	0,000	-1,000	-1,839	-2,897	0,000	-6,933	-6,933	1,401	-1,503	-1,503	0,352
Element 2-2 (Plate)	2190	2	0,000	-1,250	-2,708	-4,195	0,000	-9,984	-9,984	1,214	-3,596	-3,596	0,690
(Paratia 800)	2191	3	0,000	-1,500	-3,791	-5,773	0,000	-14,028	-14,028	0,525	-6,579	-6,579	0,917
	2192	4	0,000	-1,750	-5,081	-7,625	0,000	-19,023	-19,023	0,000	-10,691	-10,691	0,913
	2233	5	0,000	-2,000	-6,572	-9,740	0,000	-24,926	-24,926	0,000	-16,165	-16,165	0,563
Plate_1_3	2233	1	0,000	-2,000	-6,565	-9,729	0,000	-24,879	-24,879	0,000	-16,165	-16,165	0,563
Element 3-3 (Plate)	2234	2	0,000	-2,125	-7,372	-10,864	0,000	-28,082	-28,082	0,000	-19,473	-19,473	0,227
(Paratia 800)	2235	3	0,000	-2,250	-8,222	-12,054	0,000	-31,470	-31,470	0,000	-23,194	-23,194	0,000
	2236	4	0,000	-2,375	-9,114	-13,297	0,000	-35,039	-35,039	0,000	-27,349	-27,349	0,000
	2407	5	0,000	-2,500	-10,049	-14,594	0,000	-38,786	-38,786	0,000	-31,961	-31,961	0,000
Plate_1_4	2407	1	0,000	-2,500	-10,049	-14,594	0,000	-38,787	-38,787	0,000	-31,961	-31,961	0,000
Element 4-4 (Plate)	2408	2	0,000	-2,650	-11,225	-16,242	0,000	-43,516	-43,516	0,000	-38,129	-38,129	0,000
(Paratia 800)	2409	3	0,000	-2,800	-12,460	-17,973	0,000	-48,497	-48,497	0,000	-45,029	-45,029	0,000
	2410	4	0,000	-2,950	-13,754	-19,779	0,000	-53,726	-53,726	0,000	-52,694	-52,694	0,000
	2498	5	0,000	-3,100	-15,106	-21,660	0,000	-59,198	-59,198	0,000	-61,159	-61,159	0,000
Plate_1_4	2498	1	0,000	-3,100	-15,107	-21,661	0,000	-59,200	-59,200	0,000	-61,159	-61,159	0,000
Element 4-5 (Plate)	2499	2	0,000	-3,200	-16,040	-22,955	0,000	-62,981	-62,981	0,000	-67,265	-67,265	0,000
(Paratia 800)	2500	3	0,000	-3,300	-17,000	-24,284	0,000	-66,873	-66,873	0,001	-73,758	-73,758	0,000
	2501	4	0,000	-3,400	-17,985	-25,645	0,000	-70,870	-70,870	0,015	-80,646	-80,646	0,000
	2652	5	0,000	-3,500	-18,995	-27,038	0,000	-74,972	-74,972	0,039	-87,935	-87,935	0,000
Plate_1_5	2652	1	0,000	-3,500	-18,996	-27,039	0,000	-74,973	-74,973	0,039	-87,935	-87,935	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Element 5-6 (Plate)	2653	2	0,000	-3,583	-19,857	-28,225	0,000	-78,471	-78,471	0,059	-94,326	-94,326	0,000
(Paratia 800)	2654	3	0,000	-3,667	-20,738	-29,433	0,000	-82,044	-82,044	0,080	-101,014	-101,014	0,000
	2655	4	0,000	-3,750	-21,636	-30,665	0,000	-85,690	-85,690	0,103	-108,003	-108,003	0,000
	2670	5	0,000	-3,833	-22,551	-31,917	0,000	-89,405	-89,405	0,125	-115,296	-115,296	0,000
Plate_1_6	2670	1	0,000	-3,833	-181,012	-181,012	0,000	185,533	-52,275	185,533	-115,296	-115,296	0,000
Element 6-7 (Plate)	2671	2	0,000	-3,925	-182,039	-182,039	0,000	181,368	-55,672	181,368	-98,481	-98,481	0,000
(Paratia 800)	2672	3	0,000	-4,017	-183,088	-183,088	0,000	177,125	-59,171	177,125	-82,044	-82,044	0,000
	2673	4	0,000	-4,108	-184,158	-184,158	0,000	172,807	-62,770	172,807	-66,000	-66,000	0,000
	2718	5	0,000	-4,200	-185,248	-185,248	0,000	168,418	-66,465	168,418	-50,362	-70,936	0,000
Plate_1_7	2718	1	0,000	-4,200	-185,248	-185,248	0,000	168,416	-66,217	168,416	-50,362	-70,936	0,000
Element 7-8 (Plate)	2719	2	0,000	-4,275	-186,156	-186,156	0,000	164,772	-67,782	164,772	-37,870	-75,935	0,000
(Paratia 800)	2720	3	0,000	-4,350	-187,078	-187,078	0,000	161,076	-69,120	161,076	-25,648	-81,049	0,000
	2721	4	0,000	-4,425	-188,014	-188,014	0,000	157,331	-70,238	157,331	-13,704	-86,257	1,111
	2796	5	0,000	-4,500	-188,964	-188,964	0,000	153,542	-71,140	153,542	-2,049	-91,536	6,542
Plate_1_8	2796	1	0,000	-4,500	-188,965	-188,965	0,000	153,540	-71,148	153,540	-2,049	-91,536	6,542
Element 8-9 (Plate)	2797	2	0,000	-4,604	-190,308	-190,308	0,000	148,196	-72,043	148,196	13,666	-98,964	13,727
(Paratia 800)	2798	3	0,000	-4,708	-191,679	-191,679	0,000	142,756	-72,559	142,756	28,827	-106,467	28,827
	2799	4	0,000	-4,813	-193,078	-193,078	0,000	137,225	-72,703	137,225	43,416	-114,004	43,416
	3262	5	0,000	-4,917	-194,504	-194,504	0,000	131,606	-72,482	131,606	57,417	-121,540	57,417
Plate_1_8	3262	1	0,000	-4,917	-194,505	-194,505	0,000	131,604	-72,494	131,604	57,417	-121,540	57,417
Element 8-10 (Plate)	3263	2	0,000	-4,998	-195,636	-195,636	0,000	127,159	-72,089	127,159	67,928	-127,397	67,928
(Paratia 800)	3264	3	0,000	-5,079	-196,784	-196,784	0,000	122,658	-71,493	122,658	78,080	-133,215	78,080
	3265	4	0,000	-5,161	-197,948	-197,948	0,000	118,107	-70,710	118,107	87,865	-138,978	87,865
	3612	5	0,000	-5,242	-199,128	-199,128	0,000	113,509	-69,743	113,509	97,273	-144,668	97,273
Plate_1_8	3612	1	0,000	-5,242	-199,128	-199,128	0,000	113,509	-69,748	113,509	97,273	-144,668	97,273
Element 8-11 (Plate)	3613	2	0,000	-5,305	-200,056	-200,056	0,000	109,902	-68,879	109,902	104,351	-149,049	104,351
(Paratia 800)	3614	3	0,000	-5,369	-200,993	-200,993	0,000	106,269	-67,922	106,269	111,203	-153,373	111,203
	3615	4	0,000	-5,432	-201,934	-201,934	0,000	102,634	-66,889	102,634	117,824	-157,636	117,824
	4350	5	0,000	-5,495	-202,876	-202,876	0,000	99,016	-65,794	99,016	124,212	-161,830	124,212

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_9	4350	1	0,000	-5,495	-202,618	-202,618	0,000	99,387	-65,492	99,387	124,212	-161,830	124,212
Element 9-12 (Plate)	4351	2	0,000	-5,496	-202,646	-202,646	0,000	99,222	-65,432	99,222	124,330	-161,907	124,330
(Paratia 800)	4352	3	0,000	-5,498	-202,670	-202,670	0,000	99,082	-65,376	99,082	124,447	-161,984	124,447
	4353	4	0,000	-5,499	-202,689	-202,689	0,000	98,967	-65,324	98,967	124,564	-162,061	124,564
	4369	5	0,000	-5,500	-202,703	-202,703	0,000	98,874	-65,275	98,874	124,681	-162,139	124,681
Plate_1_10	4369	1	0,000	-5,500	-202,736	-202,736	0,000	98,693	-65,293	98,693	124,681	-162,139	124,681
Element 10-13 (Plate)	4370	2	0,000	-5,550	-203,201	-203,201	0,000	95,563	-63,248	95,563	129,496	-165,318	129,496
(Paratia 800)	4371	3	0,000	-5,599	-203,681	-203,681	0,000	92,456	-61,255	92,456	134,158	-168,400	134,158
	4372	4	0,000	-5,649	-204,176	-204,176	0,000	89,368	-59,300	89,368	138,667	-171,385	138,667
	4373	5	0,000	-5,698	-204,686	-204,686	0,000	86,295	-57,368	86,295	143,021	-174,274	143,021
Plate_1_10	4373	1	0,000	-5,698	-204,689	-204,689	0,000	86,210	-57,394	86,210	143,021	-174,274	143,021
Element 10-14 (Plate)	4337	2	0,000	-5,946	-207,413	-207,413	0,000	71,050	-48,802	71,050	162,514	-187,280	162,514
(Paratia 800)	4338	3	0,000	-6,194	-210,454	-210,454	0,000	55,669	-46,542	55,669	178,231	-197,857	178,231
	4339	4	0,000	-6,442	-213,815	-213,844	0,000	40,034	-48,702	40,034	190,102	-206,012	190,102
	4554	5	0,000	-6,690	-217,498	-217,562	0,000	24,114	-54,709	24,114	198,058	-211,760	198,058
Plate_1_11	4554	1	0,000	-6,690	-217,454	-217,529	0,000	24,068	-52,792	24,068	198,058	-211,760	198,058
Element 12-34 (Plate)	4555	2	0,000	-7,054	-220,291	-220,317	0,000	7,553	-51,339	8,330	203,699	-216,185	203,699
(Paratia 800)	4556	3	0,000	-7,417	-222,666	-222,666	0,000	-5,810	-59,981	10,987	203,940	-216,552	203,940
	4557	4	0,000	-7,781	-224,656	-224,656	0,000	-16,407	-67,444	15,029	199,808	-213,534	199,808
	5132	5	0,000	-8,145	-226,340	-226,340	0,000	-24,624	-71,701	19,106	192,289	-207,780	192,289
Plate_1_11	5132	1	0,000	-8,145	-226,464	-226,464	0,000	-25,204	-71,937	19,192	192,289	-207,780	192,289
Element 12-35 (Plate)	5133	2	0,000	-8,459	-227,958	-227,958	0,000	-32,025	-73,988	24,067	183,274	-201,454	183,274
(Paratia 800)	5134	3	0,000	-8,774	-229,537	-229,537	0,000	-38,724	-74,309	28,247	172,132	-198,767	172,132
	5135	4	0,000	-9,089	-231,233	-231,233	0,000	-45,411	-72,991	31,766	158,879	-194,429	158,879
	5256	5	0,000	-9,404	-233,081	-233,095	0,000	-52,196	-70,128	34,639	143,518	-190,507	143,518
Plate_1_11	5256	1	0,000	-9,404	-233,125	-233,138	0,000	-52,590	-70,060	34,669	143,518	-190,507	143,518
Element 12-36 (Plate)	5257	2	0,000	-9,677	-234,922	-234,949	0,000	-58,217	-66,511	36,744	128,416	-191,363	128,416
(Paratia 800)	5258	3	0,000	-9,950	-236,915	-236,969	0,000	-64,394	-64,394	38,508	111,714	-190,862	111,714
	5259	4	0,000	-10,223	-239,159	-239,247	0,000	-71,391	-71,391	39,968	93,207	-194,068	93,207

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	5274	5	0,000	-10,495	-241,711	-241,833	0,000	-79,479	-79,479	41,132	72,667	-199,074	72,667
Plate_1_12	5274	1	0,000	-10,495	-241,346	-241,474	0,000	-78,241	-78,241	41,303	72,667	-199,074	72,667
Element 13-37 (Plate)	5275	2	0,000	-10,765	-238,289	-238,428	0,000	-65,932	-65,932	41,238	53,260	-206,305	53,260
(Paratia 800)	5276	3	0,000	-11,034	-235,553	-235,719	0,711	-54,831	-54,831	40,193	37,016	-212,116	37,016
	5277	4	0,000	-11,304	-233,240	-233,440	1,416	-45,179	-45,179	39,645	23,561	-214,647	23,561
	5298	5	0,000	-11,574	-231,449	-231,685	2,061	-37,219	-37,219	38,639	12,501	-214,630	12,501
Plate_1_12	5298	1	0,000	-11,574	-231,241	-231,473	2,065	-37,310	-37,310	38,830	12,501	-214,630	12,501
Element 13-38 (Plate)	5299	2	0,000	-11,854	-229,083	-229,329	2,687	-30,344	-30,344	37,282	3,023	-212,342	3,023
(Paratia 800)	5300	3	0,000	-12,135	-226,805	-227,051	3,259	-24,343	-24,343	36,056	-4,635	-208,239	0,539
	5301	4	0,000	-12,416	-224,400	-224,632	3,779	-19,344	-19,344	35,536	-10,749	-202,673	0,516
	5412	5	0,000	-12,697	-221,860	-222,065	4,248	-15,382	-15,382	34,486	-15,600	-195,989	0,492
Plate_1_12	5412	1	0,000	-12,697	-221,841	-222,048	4,250	-15,423	-15,423	34,547	-15,600	-195,989	0,492
Element 13-39 (Plate)	5413	2	0,000	-12,990	-219,195	-219,366	4,688	-11,651	-11,651	33,082	-19,550	-188,086	0,469
(Paratia 800)	5414	3	0,000	-13,282	-216,376	-216,508	5,077	-8,401	-8,401	33,058	-22,469	-179,462	0,448
	5415	4	0,000	-13,575	-213,370	-213,462	5,417	-5,750	-5,750	32,787	-24,527	-170,289	0,429
	5616	5	0,000	-13,868	-210,165	-210,213	5,709	-3,772	-3,772	33,142	-25,901	-160,736	0,414
Plate_1_12	5616	1	0,000	-13,868	-210,123	-210,172	5,710	-3,858	-3,858	33,162	-25,901	-160,736	0,414
Element 13-40 (Plate)	5617	2	0,000	-14,173	-206,676	-206,687	5,966	-1,856	-1,856	33,797	-26,769	-150,518	0,400
(Paratia 800)	5618	3	0,000	-14,478	-202,902	-202,910	6,173	-0,081	-0,081	34,043	-27,054	-140,164	0,389
	5619	4	0,000	-14,783	-198,788	-198,793	6,332	1,352	-0,024	33,923	-26,854	-129,789	0,381
	5640	5	0,000	-15,088	-194,322	-194,324	6,442	2,329	-0,019	33,461	-26,278	-119,509	0,374
Plate_1_12	5640	1	0,000	-15,088	-194,275	-194,277	6,443	2,201	-0,019	33,488	-26,278	-119,509	0,374
Element 13-41 (Plate)	5641	2	0,000	-15,405	-189,343	-189,343	6,507	3,345	-0,015	32,753	-25,399	-108,983	0,369
(Paratia 800)	5642	3	0,000	-15,723	-183,901	-183,901	6,521	4,389	-0,013	31,833	-24,160	-98,716	0,388
	5643	4	0,000	-16,041	-177,939	-177,939	6,483	5,180	-0,014	30,743	-22,636	-88,768	0,447
	5664	5	0,000	-16,358	-171,450	-171,450	6,475	5,568	-0,018	29,501	-20,914	-79,196	0,499
Plate_1_12	5664	1	0,000	-16,358	-171,389	-171,389	6,474	5,416	-0,018	29,530	-20,914	-79,196	0,499
Element 13-42 (Plate)	5665	2	0,000	-16,689	-164,164	-164,164	6,484	5,899	-0,027	28,162	-19,043	-69,648	0,547
(Paratia 800)	5666	3	0,000	-17,021	-156,185	-156,185	6,412	6,294	-0,039	26,781	-17,015	-60,551	0,591

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	5667	4	0,000	-17,352	-147,439	-147,439	6,255	6,449	-0,053	25,390	-14,902	-51,913	0,629
	6144	5	0,000	-17,683	-137,916	-137,916	6,014	6,215	-0,070	23,992	-12,791	-43,741	0,659
Plate_1_12	6144	1	0,000	-17,683	-137,757	-137,757	6,010	6,126	-0,070	23,973	-12,791	-43,741	0,659
Element 13-43 (Plate)	6145	2	0,000	-18,028	-127,117	-127,117	5,669	5,745	-0,092	22,513	-10,762	-35,724	0,666
(Paratia 800)	6146	3	0,000	-18,373	-115,112	-115,112	5,218	5,636	-0,146	20,949	-8,790	-28,221	0,634
	6147	4	0,000	-18,717	-101,742	-101,742	4,655	5,453	-0,259	19,246	-6,882	-21,353	0,565
	6734	5	0,000	-19,062	-87,002	-87,026	3,978	4,853	-0,368	17,369	-5,082	-15,069	0,456
Plate_1_12	6734	1	0,000	-19,062	-86,020	-86,048	3,985	6,105	-0,325	17,256	-5,082	-15,069	0,456
Element 13-44 (Plate)	6735	2	0,000	-19,422	-69,567	-69,645	3,117	4,066	-0,449	14,899	-3,496	-9,300	0,312
(Paratia 800)	6736	3	0,000	-19,781	-49,176	-49,267	2,145	4,931	-0,417	11,676	-1,709	-4,451	0,152
	6737	4	0,000	-20,141	-23,753	-23,815	1,082	3,701	-0,235	6,666	-0,201	-1,152	0,031
	6738	5	0,000	-20,500	7,799	-0,059	7,844	-4,616	-4,616	0,088	0,000	0,000	0,000

3.1.1.1.9 Calculation results, Plate, plinto + pali [Phase_8] (8/141), Table of plate force envelopes

Structural element	Node [10^3]	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_1	2432	1	0,000	-0,500	-0,004	-0,004	0,045	0,489	-0,089	0,489	0,000	0,000	0,000
Element 1-1 (Plate)	2433	2	0,000	-0,625	-0,410	-0,695	0,000	-1,153	-1,153	0,290	-0,040	-0,040	0,011
(Paratia 800)	2434	3	0,000	-0,750	-0,835	-1,411	0,000	-2,928	-2,928	0,727	-0,294	-0,294	0,076
	2435	4	0,000	-0,875	-1,276	-2,133	0,000	-4,850	-4,850	1,129	-0,778	-0,778	0,191
	2431	5	0,000	-1,000	-1,730	-2,858	0,000	-6,930	-6,930	1,404	-1,513	-1,513	0,352
Plate_1_2	2431	1	0,000	-1,000	-1,767	-2,897	0,000	-6,963	-6,963	1,401	-1,513	-1,513	0,352
Element 2-2 (Plate)	2190	2	0,000	-1,250	-2,599	-4,195	0,000	-10,013	-10,013	1,214	-3,613	-3,613	0,690
(Paratia 800)	2191	3	0,000	-1,500	-3,641	-5,773	0,000	-14,054	-14,054	0,525	-6,603	-6,603	0,917
	2192	4	0,000	-1,750	-4,887	-7,625	0,000	-19,042	-19,042	0,000	-10,720	-10,720	0,913
	2233	5	0,000	-2,000	-6,331	-9,740	0,000	-24,937	-24,937	0,000	-16,199	-16,199	0,563
Plate_1_3	2233	1	0,000	-2,000	-6,323	-9,729	0,000	-24,891	-24,891	0,000	-16,199	-16,199	0,563
Element 3-3 (Plate)	2234	2	0,000	-2,125	-7,105	-10,864	0,000	-28,091	-28,091	0,000	-19,507	-19,507	0,227
(Paratia 800)	2235	3	0,000	-2,250	-7,930	-12,054	0,000	-31,475	-31,475	0,000	-23,229	-23,229	0,000
	2236	4	0,000	-2,375	-8,797	-13,297	0,000	-35,041	-35,041	0,000	-27,385	-27,385	0,000
	2407	5	0,000	-2,500	-9,704	-14,594	0,000	-38,785	-38,786	0,000	-31,997	-31,997	0,000
Plate_1_4	2407	1	0,000	-2,500	-9,704	-14,594	0,000	-38,786	-38,787	0,000	-31,997	-31,997	0,000
Element 4-4 (Plate)	2408	2	0,000	-2,650	-10,847	-16,242	0,000	-43,512	-43,516	0,000	-38,164	-38,164	0,000
(Paratia 800)	2409	3	0,000	-2,800	-12,049	-17,973	0,000	-48,491	-48,497	0,000	-45,064	-45,064	0,000
	2410	4	0,000	-2,950	-13,309	-19,779	0,000	-53,719	-53,726	0,000	-52,728	-52,728	0,000
	2498	5	0,000	-3,100	-14,626	-21,660	0,000	-59,191	-59,198	0,000	-61,192	-61,192	0,000
Plate_1_4	2498	1	0,000	-3,100	-14,627	-21,661	0,000	-59,192	-59,200	0,000	-61,192	-61,192	0,000
Element 4-5 (Plate)	2499	2	0,000	-3,200	-15,536	-22,955	0,000	-62,974	-62,981	0,000	-67,298	-67,298	0,000
(Paratia 800)	2500	3	0,000	-3,300	-16,471	-24,284	0,000	-66,867	-66,873	0,001	-73,790	-73,790	0,000
	2501	4	0,000	-3,400	-17,432	-25,645	0,000	-70,866	-70,870	0,015	-80,677	-80,677	0,000
	2652	5	0,000	-3,500	-18,418	-27,038	0,000	-74,969	-74,972	0,039	-87,965	-87,965	0,000
Plate_1_5	2652	1	0,000	-3,500	-18,418	-27,039	0,000	-74,971	-74,973	0,039	-87,965	-87,965	0,000

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
Element 5-6 (Plate)	2653	2	0,000	-3,583	-19,259	-28,225	0,000	-78,471	-78,471	0,059	-94,356	-94,356	0,000
(Paratia 800)	2654	3	0,000	-3,667	-20,118	-29,433	0,000	-82,046	-82,046	0,080	-101,045	-101,045	0,000
	2655	4	0,000	-3,750	-20,995	-30,665	0,000	-85,695	-85,695	0,103	-108,034	-108,034	0,000
	2670	5	0,000	-3,833	-21,888	-31,917	0,000	-89,414	-89,414	0,125	-115,327	-115,327	0,000
Plate_1_6	2670	1	0,000	-3,833	-180,671	-181,012	0,000	186,082	-52,275	186,082	-115,327	-115,327	0,000
Element 6-7 (Plate)	2671	2	0,000	-3,925	-181,674	-182,039	0,000	181,912	-55,672	181,912	-98,463	-98,481	0,000
(Paratia 800)	2672	3	0,000	-4,017	-182,699	-183,088	0,000	177,663	-59,171	177,663	-81,976	-82,044	0,000
	2673	4	0,000	-4,108	-183,745	-184,158	0,000	173,339	-62,770	173,339	-65,883	-66,000	0,000
	2718	5	0,000	-4,200	-184,810	-185,248	0,000	168,944	-66,465	168,944	-50,196	-70,936	0,000
Plate_1_7	2718	1	0,000	-4,200	-184,811	-185,248	0,000	168,942	-66,217	168,942	-50,196	-70,936	0,000
Element 7-8 (Plate)	2719	2	0,000	-4,275	-185,698	-186,156	0,000	165,291	-67,782	165,291	-37,665	-75,935	0,000
(Paratia 800)	2720	3	0,000	-4,350	-186,600	-187,078	0,000	161,589	-69,120	161,589	-25,404	-81,049	0,000
	2721	4	0,000	-4,425	-187,516	-188,014	0,000	157,837	-70,238	157,837	-13,422	-86,257	1,111
	2796	5	0,000	-4,500	-188,445	-188,964	0,000	154,040	-71,140	154,040	-1,729	-91,536	6,542
Plate_1_8	2796	1	0,000	-4,500	-188,446	-188,965	0,000	154,038	-71,148	154,038	-1,729	-91,536	6,542
Element 8-9 (Plate)	2797	2	0,000	-4,604	-189,760	-190,308	0,000	148,682	-72,043	148,682	14,037	-98,964	14,037
(Paratia 800)	2798	3	0,000	-4,708	-191,102	-191,679	0,000	143,229	-72,559	143,229	29,248	-106,467	29,248
	2799	4	0,000	-4,813	-192,472	-193,078	0,000	137,683	-72,703	137,683	43,885	-114,004	43,885
	3262	5	0,000	-4,917	-193,868	-194,504	0,000	132,048	-72,482	132,048	57,933	-121,540	57,933
Plate_1_8	3262	1	0,000	-4,917	-193,869	-194,505	0,000	132,046	-72,494	132,046	57,933	-121,540	57,933
Element 8-10 (Plate)	3263	2	0,000	-4,998	-194,977	-195,636	0,000	127,587	-72,089	127,587	68,480	-127,397	68,480
(Paratia 800)	3264	3	0,000	-5,079	-196,103	-196,784	0,000	123,071	-71,493	123,071	78,666	-133,215	78,666
	3265	4	0,000	-5,161	-197,244	-197,948	0,000	118,503	-70,710	118,503	88,484	-138,978	88,484
	3612	5	0,000	-5,242	-198,400	-199,128	0,000	113,887	-69,743	113,887	97,923	-144,668	97,923
Plate_1_8	3612	1	0,000	-5,242	-198,401	-199,128	0,000	113,886	-69,748	113,886	97,923	-144,668	97,923
Element 8-11 (Plate)	3613	2	0,000	-5,305	-199,310	-200,056	0,000	110,264	-68,879	110,264	105,025	-149,049	105,025
(Paratia 800)	3614	3	0,000	-5,369	-200,229	-200,993	0,000	106,616	-67,922	106,616	111,899	-153,373	111,899
	3615	4	0,000	-5,432	-201,153	-201,934	0,000	102,962	-66,889	102,962	118,542	-157,636	118,542
	4350	5	0,000	-5,495	-202,078	-202,876	0,000	99,326	-65,794	99,326	124,950	-161,830	124,950

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_9	4350	1	0,000	-5,495	-201,811	-202,618	0,000	99,689	-65,492	99,689	124,950	-161,830	124,950
Element 9-12 (Plate)	4351	2	0,000	-5,496	-201,838	-202,646	0,000	99,523	-65,432	99,523	125,068	-161,907	125,068
(Paratia 800)	4352	3	0,000	-5,498	-201,861	-202,670	0,000	99,382	-65,376	99,382	125,186	-161,984	125,186
	4353	4	0,000	-5,499	-201,878	-202,689	0,000	99,266	-65,324	99,266	125,303	-162,061	125,303
	4369	5	0,000	-5,500	-201,892	-202,703	0,000	99,172	-65,275	99,172	125,421	-162,139	125,421
Plate_1_10	4369	1	0,000	-5,500	-201,924	-202,736	0,000	98,990	-65,293	98,990	125,421	-162,139	125,421
Element 10-13 (Plate)	4370	2	0,000	-5,550	-202,352	-203,201	0,000	95,825	-63,248	95,825	130,249	-165,318	130,249
(Paratia 800)	4371	3	0,000	-5,599	-202,796	-203,681	0,000	92,687	-61,255	92,687	134,924	-168,400	134,924
	4372	4	0,000	-5,649	-203,254	-204,176	0,000	89,571	-59,300	89,571	139,443	-171,385	139,443
	4373	5	0,000	-5,698	-203,729	-204,686	0,000	86,473	-57,368	86,473	143,806	-174,274	143,806
Plate_1_10	4373	1	0,000	-5,698	-203,731	-204,689	0,000	86,382	-57,394	86,382	143,806	-174,274	143,806
Element 10-14 (Plate)	4337	2	0,000	-5,946	-206,274	-207,413	0,000	71,128	-48,802	71,128	163,330	-187,280	163,330
(Paratia 800)	4338	3	0,000	-6,194	-209,133	-210,454	0,000	55,669	-46,542	55,669	179,056	-197,857	179,056
	4339	4	0,000	-6,442	-212,308	-213,844	0,000	39,971	-48,702	40,034	190,920	-206,012	190,920
	4554	5	0,000	-6,690	-215,804	-217,562	0,000	23,997	-54,709	24,114	198,853	-211,760	198,853
Plate_2_1	9145	1	4,500	-6,690	-5,047	-5,047	0,000	-166,499	-166,499	0,000	24,452	0,000	24,452
Element 11-15 (Plate)	9148	2	4,570	-6,690	-6,407	-6,407	0,000	-164,348	-164,348	0,000	12,910	0,000	12,910
(PLINTO)	9147	3	4,640	-6,690	-7,241	-7,241	0,000	-161,837	-161,837	0,000	1,530	0,000	2,092
	9146	4	4,709	-6,690	-7,791	-7,791	0,000	-159,146	-159,146	0,000	-9,671	-9,671	0,000
	9835	5	4,779	-6,690	-8,301	-8,301	0,000	-156,450	-156,450	0,000	-20,677	-20,677	0,000
Plate_2_1	9835	1	4,779	-6,690	-8,267	-8,267	0,000	-156,415	-156,415	0,000	-20,677	-20,677	0,000
Element 11-16 (Plate)	9831	2	4,852	-6,690	-8,666	-8,666	0,000	-153,502	-153,502	0,000	-31,928	-31,928	0,000
(PLINTO)	9830	3	4,924	-6,690	-9,009	-9,009	0,000	-150,540	-150,540	0,000	-42,972	-42,972	0,000
	9829	4	4,997	-6,690	-9,310	-9,310	0,000	-147,542	-147,542	0,000	-53,799	-53,799	0,000
	9855	5	5,070	-6,690	-9,580	-9,580	0,000	-144,521	-144,521	0,000	-64,402	-64,402	0,000
Plate_2_1	9855	1	5,070	-6,690	-9,580	-9,580	0,000	-144,519	-144,519	0,000	-64,402	-64,402	0,000
Element 11-17 (Plate)	9815	2	5,145	-6,690	-9,833	-9,833	0,000	-141,351	-141,351	0,000	-75,207	-75,207	0,000
(PLINTO)	9814	3	5,221	-6,690	-10,065	-10,065	0,000	-138,161	-138,161	0,000	-85,776	-85,776	0,000
	9813	4	5,296	-6,690	-10,278	-10,278	0,000	-134,956	-134,956	0,000	-96,103	-96,103	0,000

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
	9819	5	5,372	-6,690	-10,475	-10,475	0,000	-131,740	-131,740	0,000	-106,183	-106,183	0,000
Plate_2_1	9819	1	5,372	-6,690	-10,475	-10,475	0,000	-131,738	-131,738	0,000	-106,183	-106,183	0,000
Element 11-18 (Plate)	9822	2	5,451	-6,690	-10,665	-10,665	0,000	-128,378	-128,378	0,000	-116,417	-116,417	0,000
(PLINTO)	9821	3	5,529	-6,690	-10,842	-10,842	0,000	-125,005	-125,005	0,000	-126,391	-126,391	0,000
	9820	4	5,608	-6,690	-11,008	-11,008	0,000	-121,623	-121,623	0,000	-136,099	-136,099	0,000
	10515	5	5,687	-6,690	-11,164	-11,164	0,000	-118,237	-118,237	0,000	-145,537	-145,537	0,000
Plate_2_1	10515	1	5,687	-6,690	-11,164	-11,164	0,000	-118,235	-118,235	0,000	-145,537	-145,537	0,000
Element 11-19 (Plate)	10511	2	5,769	-6,690	-11,316	-11,316	0,000	-114,703	-114,703	0,000	-155,078	-155,078	0,000
(PLINTO)	10510	3	5,851	-6,690	-11,459	-11,459	0,000	-111,162	-111,162	0,000	-164,333	-164,333	0,000
	10509	4	5,933	-6,690	-11,594	-11,594	0,000	-107,616	-107,616	0,000	-173,299	-173,299	0,000
	10611	5	6,015	-6,690	-11,721	-11,721	0,000	-104,068	-104,068	0,000	-181,969	-181,969	0,000
Plate_2_1	10611	1	6,015	-6,690	-11,721	-11,721	0,000	-104,066	-104,066	0,000	-181,969	-181,969	0,000
Element 11-20 (Plate)	10607	2	6,100	-6,690	-11,846	-11,846	0,000	-100,369	-100,369	0,000	-190,686	-190,686	0,000
(PLINTO)	10606	3	6,185	-6,690	-11,965	-11,965	0,000	-96,666	-96,666	0,000	-199,092	-199,092	0,000
	10605	4	6,270	-6,690	-12,076	-12,076	0,000	-92,960	-92,960	0,000	-207,181	-207,181	0,000
	11095	5	6,356	-6,690	-12,181	-12,181	0,000	-89,254	-89,254	0,000	-214,951	-214,951	0,000
Plate_2_1	11095	1	6,356	-6,690	-12,182	-12,182	0,000	-89,252	-89,252	0,000	-214,951	-214,951	0,000
Element 11-21 (Plate)	11098	2	6,445	-6,690	-12,285	-12,285	0,000	-85,391	-85,391	0,000	-222,703	-222,703	0,000
(PLINTO)	11097	3	6,533	-6,690	-12,383	-12,383	0,000	-81,527	-81,527	0,000	-230,116	-230,116	0,000
	11096	4	6,622	-6,690	-12,475	-12,475	0,000	-77,660	-77,660	0,000	-237,185	-237,185	0,000
	11311	5	6,711	-6,690	-12,562	-12,562	0,000	-73,796	-73,796	0,000	-243,908	-243,908	0,000
Plate_2_1	11311	1	6,711	-6,690	-12,562	-12,562	0,000	-73,794	-73,794	0,000	-243,908	-243,908	0,000
Element 11-22 (Plate)	11315	2	6,803	-6,690	-12,647	-12,647	0,000	-69,770	-69,770	0,000	-250,543	-250,543	0,000
(PLINTO)	11316	3	6,896	-6,690	-12,727	-12,727	0,000	-65,742	-65,742	0,000	-256,808	-256,808	0,000
	11317	4	6,988	-6,690	-12,802	-12,802	0,000	-61,714	-61,714	0,000	-262,700	-262,700	0,000
	11743	5	7,081	-6,690	-12,872	-12,872	0,000	-57,689	-57,689	0,000	-268,218	-268,218	0,000
Plate_2_1	11743	1	7,081	-6,690	-12,873	-12,873	0,000	-57,687	-57,687	0,000	-268,218	-268,218	0,000
Element 11-23 (Plate)	11746	2	7,177	-6,690	-12,941	-12,941	0,000	-53,496	-53,496	0,000	-273,567	-273,567	0,000
(PLINTO)	11745	3	7,273	-6,690	-13,004	-13,004	0,000	-49,302	-49,302	0,000	-278,514	-278,514	0,000

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
	11744	4	7,369	-6,690	-13,063	-13,063	0,000	-45,109	-45,109	0,000	-283,058	-283,058	0,000
	12307	5	7,466	-6,690	-13,117	-13,117	0,000	-40,919	-40,919	0,000	-287,197	-287,197	0,000
Plate_2_1	12307	1	7,466	-6,690	-13,117	-13,117	0,000	-40,916	-40,916	0,000	-287,197	-287,197	0,000
Element 11-24 (Plate)	12303	2	7,566	-6,690	-13,168	-13,168	0,000	-36,555	-36,555	0,000	-291,077	-291,077	0,000
(PLINTO)	12302	3	7,666	-6,690	-13,214	-13,214	0,000	-32,190	-32,190	0,000	-294,521	-294,521	0,000
	12301	4	7,766	-6,690	-13,256	-13,256	0,000	-27,826	-27,826	0,000	-297,528	-297,528	0,000
	12581	5	7,866	-6,690	-13,293	-13,293	0,000	-23,465	-23,465	0,000	-300,096	-300,096	0,000
Plate_2_1	12581	1	7,866	-6,690	-13,293	-13,293	0,000	-23,463	-23,463	0,000	-300,096	-300,096	0,000
Element 11-25 (Plate)	12584	2	7,971	-6,690	-13,327	-13,327	0,000	-18,924	-18,924	0,000	-302,306	-302,306	0,000
(PLINTO)	12583	3	8,075	-6,690	-13,356	-13,356	0,000	-14,383	-14,383	0,000	-304,044	-304,044	0,000
	12582	4	8,179	-6,690	-13,380	-13,380	0,000	-9,842	-9,842	0,000	-305,307	-305,307	0,000
	12597	5	8,284	-6,690	-13,398	-13,398	0,000	-5,305	-5,305	0,000	-306,097	-306,097	0,000
Plate_2_1	12597	1	8,284	-6,690	-13,398	-13,398	0,000	-5,303	-5,303	0,000	-306,097	-306,097	0,000
Element 11-26 (Plate)	12601	2	8,392	-6,690	-13,412	-13,412	0,000	-0,580	-0,646	0,000	-306,416	-306,416	0,000
(PLINTO)	12602	3	8,501	-6,690	-13,420	-13,420	0,000	4,145	0,000	4,145	-306,222	-306,222	0,000
	12603	4	8,609	-6,690	-13,423	-13,423	0,000	8,869	0,000	8,869	-305,516	-305,516	0,000
	12973	5	8,718	-6,690	-13,420	-13,420	0,000	13,589	0,000	13,589	-304,297	-304,297	0,000
Plate_2_1	12973	1	8,718	-6,690	-13,420	-13,420	0,000	13,591	0,000	13,591	-304,297	-304,297	0,000
Element 11-27 (Plate)	12976	2	8,831	-6,690	-13,410	-13,410	0,000	18,504	0,000	18,504	-302,484	-302,484	0,000
(PLINTO)	12975	3	8,944	-6,690	-13,394	-13,394	0,000	23,418	0,000	23,418	-300,114	-300,114	0,000
	12974	4	9,057	-6,690	-13,370	-13,370	0,000	28,332	0,000	28,332	-297,189	-297,189	0,000
	13181	5	9,170	-6,690	-13,340	-13,340	0,000	33,240	0,000	33,240	-293,710	-293,710	0,000
Plate_2_1	13181	1	9,170	-6,690	-13,340	-13,340	0,000	33,242	0,000	33,242	-293,710	-293,710	0,000
Element 11-28 (Plate)	13185	2	9,288	-6,690	-13,300	-13,300	0,000	38,350	0,000	38,350	-289,499	-289,499	0,000
(PLINTO)	13186	3	9,405	-6,690	-13,251	-13,251	0,000	43,459	0,000	43,459	-284,684	-284,684	0,000
	13187	4	9,523	-6,690	-13,194	-13,194	0,000	48,565	0,000	48,565	-279,269	-279,269	0,000
	13203	5	9,641	-6,690	-13,127	-13,127	0,000	53,664	0,000	53,664	-273,256	-273,256	0,000
Plate_2_1	13203	1	9,641	-6,690	-13,127	-13,127	0,000	53,667	0,000	53,667	-273,256	-273,256	0,000
Element 11-29 (Plate)	13207	2	9,763	-6,690	-13,047	-13,047	0,000	58,971	0,000	58,971	-266,359	-266,359	0,000

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
(PLINTO)	13208	3	9,886	-6,690	-12,955	-12,955	0,000	64,274	0,000	64,274	-258,809	-258,809	0,000
	13209	4	10,008	-6,690	-12,851	-12,851	0,000	69,570	0,000	69,570	-250,609	-250,609	0,000
	13761	5	10,131	-6,690	-12,733	-12,733	0,000	74,856	0,000	74,856	-241,765	-241,765	0,000
Plate_2_1	13761	1	10,131	-6,690	-12,733	-12,733	0,000	74,858	0,000	74,858	-241,765	-241,765	0,000
Element 11-30 (Plate)	13762	2	10,258	-6,690	-12,595	-12,595	0,000	80,351	0,000	80,351	-231,872	-231,872	0,000
(PLINTO)	13763	3	10,386	-6,690	-12,439	-12,439	0,000	85,835	0,000	85,835	-221,273	-221,273	0,000
	13764	4	10,513	-6,690	-12,264	-12,264	0,000	91,306	0,000	91,306	-209,976	-209,976	0,000
	14211	5	10,641	-6,690	-12,069	-12,069	0,000	96,754	0,000	96,754	-197,988	-197,988	0,000
Plate_2_1	14211	1	10,641	-6,690	-12,068	-12,068	0,000	96,758	0,000	96,758	-197,988	-197,988	0,000
Element 11-31 (Plate)	14215	2	10,773	-6,690	-11,840	-11,840	0,000	102,407	0,000	102,407	-184,771	-184,771	0,000
(PLINTO)	14216	3	10,906	-6,690	-11,583	-11,583	0,000	108,033	0,000	108,033	-170,799	-170,799	0,000
	14217	4	11,039	-6,690	-11,293	-11,293	0,000	113,624	0,000	113,624	-156,083	-156,083	0,000
	14683	5	11,172	-6,690	-10,967	-10,967	0,000	119,170	0,000	119,170	-140,634	-140,634	0,000
Plate_2_1	14683	1	11,172	-6,690	-10,970	-10,970	0,000	119,171	0,000	119,171	-140,634	-140,634	0,000
Element 11-32 (Plate)	14687	2	11,310	-6,690	-10,582	-10,582	0,000	124,891	0,000	124,891	-123,773	-123,773	0,000
(PLINTO)	14688	3	11,448	-6,690	-10,141	-10,141	0,000	130,540	0,000	130,540	-106,117	-106,117	0,000
	14689	4	11,586	-6,690	-9,634	-9,634	0,000	136,093	0,000	136,093	-87,688	-87,688	0,000
	14965	5	11,725	-6,690	-9,044	-9,044	0,000	141,526	0,000	141,526	-68,507	-68,507	0,000
Plate_2_1	14965	1	11,725	-6,690	-9,052	-9,052	0,000	141,565	0,000	141,565	-68,507	-68,507	0,000
Element 11-33 (Plate)	14971	2	11,868	-6,690	-8,297	-8,297	0,000	146,990	0,000	146,990	-47,758	-47,758	0,000
(PLINTO)	14970	3	12,012	-6,690	-7,360	-7,360	0,000	152,203	0,000	152,203	-26,220	-26,220	0,000
	14969	4	12,156	-6,690	-6,079	-6,079	0,000	156,794	0,000	156,794	-3,983	-3,983	0,000
	15443	5	12,300	-6,690	-4,296	-4,296	0,000	160,350	0,000	160,350	18,842	0,000	18,842
Plate_1_11	4554	1	0,000	-6,690	-215,758	-217,529	0,000	23,904	-52,792	24,068	198,853	-211,760	198,853
Element 12-34 (Plate)	4555	2	0,000	-7,054	-218,601	-220,317	0,000	6,761	-51,339	8,330	204,313	-216,185	204,313
(Paratia 800)	4556	3	0,000	-7,417	-221,033	-222,666	0,000	-6,999	-59,981	10,987	204,187	-216,552	204,187
	4557	4	0,000	-7,781	-223,130	-224,656	0,000	-17,779	-67,444	15,029	199,583	-213,534	199,808
	5132	5	0,000	-8,145	-224,968	-226,340	0,000	-25,985	-71,701	19,106	191,562	-207,780	192,289
Plate_1_11	5132	1	0,000	-8,145	-225,086	-226,464	0,000	-26,587	-71,937	19,192	191,562	-207,780	192,289

Structural element	Node [10^3]	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Element 12-35 (Plate)	5133	2	0,000	-8,459	-226,738	-227,958	0,000	-33,298	-73,988	24,067	182,127	-201,454	183,274
(Paratia 800)	5134	3	0,000	-8,774	-228,491	-229,537	0,000	-39,831	-74,309	28,247	170,609	-198,767	172,132
	5135	4	0,000	-9,089	-230,380	-231,233	0,000	-46,305	-72,991	31,766	157,039	-194,429	158,879
	5256	5	0,000	-9,404	-232,435	-233,095	0,000	-52,840	-70,128	34,639	141,435	-190,507	143,518
Plate_1_11	5256	1	0,000	-9,404	-232,474	-233,138	0,000	-53,257	-70,060	34,669	141,435	-190,507	143,518
Element 12-36 (Plate)	5257	2	0,000	-9,677	-234,459	-234,949	0,000	-58,670	-66,511	36,744	126,182	-191,363	128,416
(Paratia 800)	5258	3	0,000	-9,950	-236,637	-236,969	0,000	-64,695	-64,695	38,508	109,379	-190,862	111,714
	5259	4	0,000	-10,223	-239,058	-239,247	0,000	-71,621	-71,621	39,968	90,801	-194,068	93,207
	5274	5	0,000	-10,495	-241,771	-241,833	0,000	-79,736	-79,736	41,132	70,198	-199,074	72,667
Plate_1_12	5274	1	0,000	-10,495	-241,415	-241,474	0,000	-78,529	-78,529	41,303	70,198	-199,074	72,667
Element 13-37 (Plate)	5275	2	0,000	-10,765	-238,771	-238,771	0,000	-66,358	-66,358	41,238	50,692	-206,305	53,260
(Paratia 800)	5276	3	0,000	-11,034	-236,438	-236,438	0,711	-55,320	-55,320	40,193	34,324	-212,116	37,016
	5277	4	0,000	-11,304	-234,516	-234,516	1,416	-45,666	-45,666	39,645	20,735	-214,647	23,561
	5298	5	0,000	-11,574	-233,101	-233,101	2,061	-37,648	-37,648	38,639	9,551	-214,630	12,501
Plate_1_12	5298	1	0,000	-11,574	-232,894	-232,894	2,065	-37,748	-37,748	38,830	9,551	-214,630	12,501
Element 13-38 (Plate)	5299	2	0,000	-11,854	-231,116	-231,116	2,687	-30,710	-30,710	37,282	-0,040	-212,342	3,023
(Paratia 800)	5300	3	0,000	-12,135	-229,206	-229,206	3,259	-24,627	-24,627	36,056	-7,789	-208,239	0,539
	5301	4	0,000	-12,416	-227,156	-227,156	3,779	-19,536	-19,536	35,536	-13,971	-202,673	0,516
	5412	5	0,000	-12,697	-224,958	-224,958	4,248	-15,477	-15,477	34,486	-18,862	-195,989	0,492
Plate_1_12	5412	1	0,000	-12,697	-224,938	-224,938	4,250	-15,520	-15,520	34,547	-18,862	-195,989	0,492
Element 13-39 (Plate)	5413	2	0,000	-12,990	-222,635	-222,635	4,688	-11,653	-11,657	33,082	-22,826	-188,086	0,469
(Paratia 800)	5414	3	0,000	-13,282	-220,141	-220,141	5,077	-8,314	-8,401	33,058	-25,733	-179,462	0,448
	5415	4	0,000	-13,575	-217,443	-217,443	5,417	-5,579	-5,750	32,787	-27,753	-170,289	0,429
	5616	5	0,000	-13,868	-214,525	-214,525	5,709	-3,524	-3,772	33,142	-29,066	-160,736	0,414
Plate_1_12	5616	1	0,000	-13,868	-214,481	-214,481	5,710	-3,610	-3,858	33,162	-29,066	-160,736	0,414
Element 13-40 (Plate)	5617	2	0,000	-14,173	-211,312	-211,312	5,966	-1,542	-1,856	33,797	-29,849	-150,518	0,400
(Paratia 800)	5618	3	0,000	-14,478	-207,789	-207,789	6,173	0,290	-0,081	34,043	-30,029	-140,164	0,389
	5619	4	0,000	-14,783	-203,899	-203,899	6,332	1,771	-0,024	33,923	-29,708	-129,789	0,381
	5640	5	0,000	-15,088	-199,627	-199,627	6,442	2,789	-0,019	33,461	-28,998	-119,509	0,374

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_12	5640	1	0,000	-15,088	-199,577	-199,577	6,443	2,662	-0,019	33,488	-28,998	-119,509	0,374
Element 13-41 (Plate)	5641	2	0,000	-15,405	-194,814	-194,814	6,507	3,836	-0,015	32,753	-27,967	-108,983	0,369
(Paratia 800)	5642	3	0,000	-15,723	-189,499	-189,499	6,521	4,903	-0,013	31,833	-26,569	-98,716	0,388
	5643	4	0,000	-16,041	-183,622	-183,622	6,483	5,712	-0,014	30,743	-24,878	-88,768	0,447
	5664	5	0,000	-16,358	-177,172	-177,172	6,475	6,113	-0,018	29,501	-22,985	-79,196	0,499
Plate_1_12	5664	1	0,000	-16,358	-177,106	-177,106	6,474	5,962	-0,018	29,530	-22,985	-79,196	0,499
Element 13-42 (Plate)	5665	2	0,000	-16,689	-169,870	-169,870	6,484	6,451	-0,027	28,162	-20,932	-69,648	0,547
(Paratia 800)	5666	3	0,000	-17,021	-161,816	-161,816	6,412	6,851	-0,039	26,781	-18,720	-60,551	0,591
	5667	4	0,000	-17,352	-152,929	-152,929	6,255	7,011	-0,053	25,390	-16,422	-51,913	0,629
	6144	5	0,000	-17,683	-143,195	-143,195	6,014	6,781	-0,070	23,992	-14,124	-43,741	0,659
Plate_1_12	6144	1	0,000	-17,683	-143,029	-143,029	6,010	6,689	-0,070	23,973	-14,124	-43,741	0,659
Element 13-43 (Plate)	6145	2	0,000	-18,028	-132,088	-132,088	5,669	6,315	-0,092	22,513	-11,900	-35,724	0,666
(Paratia 800)	6146	3	0,000	-18,373	-119,683	-119,683	5,218	6,211	-0,146	20,949	-9,730	-28,221	0,634
	6147	4	0,000	-18,717	-105,806	-105,806	4,655	6,028	-0,259	19,246	-7,623	-21,353	0,565
	6734	5	0,000	-19,062	-90,453	-90,453	3,978	5,419	-0,368	17,369	-5,627	-15,069	0,456
Plate_1_12	6734	1	0,000	-19,062	-89,484	-89,484	3,985	6,625	-0,325	17,256	-5,627	-15,069	0,456
Element 13-44 (Plate)	6735	2	0,000	-19,422	-72,208	-72,208	3,117	4,643	-0,449	14,899	-3,840	-9,300	0,312
(Paratia 800)	6736	3	0,000	-19,781	-50,891	-50,891	2,145	5,419	-0,417	11,676	-1,856	-4,451	0,152
	6737	4	0,000	-20,141	-24,474	-24,474	1,082	3,938	-0,235	6,666	-0,214	-1,152	0,031
	6738	5	0,000	-20,500	8,106	-0,059	8,106	-4,816	-4,816	0,088	0,000	0,000	0,000

3.1.1.1.10 Calculation results, Plate, Versante - fase B [Phase_10] (10/146), Table of plate force envelopes

Structural element	Node [10³]	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_1	2432	1	0,000	-0,500	0,000	-0,004	0,045	0,000	-0,089	0,489	0,000	0,000	0,000
Element 1-1 (Plate)	2433	2	0,000	-0,625	-0,342	-0,695	0,000	-1,357	-1,357	0,290	-0,077	-0,077	0,011
(Paratia 800)	2434	3	0,000	-0,750	-0,685	-1,411	0,000	-3,431	-3,431	0,727	-0,369	-0,369	0,076
	2435	4	0,000	-0,875	-1,028	-2,133	0,000	-6,219	-6,219	1,129	-0,965	-0,965	0,191
	2431	5	0,000	-1,000	-1,370	-2,858	0,000	-9,721	-9,721	1,404	-1,954	-1,954	0,352
Plate_1_2	2431	1	0,000	-1,000	-1,370	-2,897	0,000	-9,725	-9,725	1,401	-1,954	-1,954	0,352
Element 2-2 (Plate)	2190	2	0,000	-1,250	-2,055	-4,195	0,000	-19,745	-19,745	1,214	-5,576	-5,576	0,690
(Paratia 800)	2191	3	0,000	-1,500	-2,740	-5,773	0,000	-32,635	-32,635	0,525	-12,067	-12,067	0,917
	2192	4	0,000	-1,750	-3,425	-7,625	0,000	-48,385	-48,385	0,000	-22,136	-22,136	0,913
	2233	5	0,000	-2,000	-4,110	-9,740	0,000	-66,984	-66,984	0,000	-36,495	-36,495	0,563
Plate_1_3	2233	1	0,000	-2,000	-4,111	-9,729	0,000	-66,990	-66,990	0,000	-36,495	-36,495	0,563
Element 3-3 (Plate)	2234	2	0,000	-2,125	-4,453	-10,864	0,000	-76,957	-76,957	0,000	-45,488	-45,488	0,227
(Paratia 800)	2235	3	0,000	-2,250	-4,796	-12,054	0,000	-87,050	-87,050	0,000	-55,740	-55,740	0,000
	2236	4	0,000	-2,375	-5,138	-13,297	0,000	-97,262	-97,262	0,000	-67,260	-67,260	0,000
	2407	5	0,000	-2,500	-5,481	-14,594	0,000	-107,586	-107,586	0,000	-80,060	-80,060	0,000
Plate_1_4	2407	1	0,000	-2,500	-5,481	-14,594	0,000	-107,593	-107,593	0,000	-80,060	-80,060	0,000
Element 4-4 (Plate)	2408	2	0,000	-2,650	-5,892	-16,242	0,000	-123,236	-123,236	0,000	-97,366	-97,366	0,000
(Paratia 800)	2409	3	0,000	-2,800	-6,303	-17,973	0,000	-139,013	-139,013	0,000	-117,040	-117,040	0,000
	2410	4	0,000	-2,950	-6,715	-19,779	0,000	-154,914	-154,914	0,000	-139,088	-139,088	0,000
	2498	5	0,000	-3,100	-7,126	-21,660	0,000	-170,926	-170,926	0,000	-163,521	-163,521	0,000
Plate_1_4	2498	1	0,000	-3,100	-7,126	-21,661	0,000	-170,933	-170,933	0,000	-163,521	-163,521	0,000
Element 4-5 (Plate)	2499	2	0,000	-3,200	-7,400	-22,955	0,000	-181,675	-181,675	0,000	-181,145	-181,145	0,000
(Paratia 800)	2500	3	0,000	-3,300	-7,674	-24,284	0,000	-192,479	-192,479	0,001	-199,856	-199,856	0,000
	2501	4	0,000	-3,400	-7,948	-25,645	0,000	-203,339	-203,339	0,015	-219,649	-219,649	0,000
	2652	5	0,000	-3,500	-8,222	-27,038	0,000	-214,245	-214,245	0,039	-240,522	-240,522	0,000
Plate_1_5	2652	1	0,000	-3,500	-8,222	-27,039	0,000	-214,250	-214,250	0,039	-240,522	-240,522	0,000

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
Element 5-6 (Plate)	2653	2	0,000	-3,583	-8,451	-28,225	0,000	-223,084	-223,084	0,059	-258,737	-258,737	0,000
(Paratia 800)	2654	3	0,000	-3,667	-8,679	-29,433	0,000	-231,962	-231,962	0,080	-277,700	-277,700	0,000
	2655	4	0,000	-3,750	-8,908	-30,665	0,000	-240,879	-240,879	0,103	-297,404	-297,404	0,000
	2670	5	0,000	-3,833	-9,136	-31,917	0,000	-249,827	-249,827	0,125	-317,843	-317,843	0,000
Plate_1_6	2670	1	0,000	-3,833	-274,301	-274,301	0,000	210,249	-52,275	210,249	-317,843	-317,843	0,000
Element 6-7 (Plate)	2671	2	0,000	-3,925	-274,552	-274,552	0,000	200,360	-55,672	200,360	-299,025	-299,025	0,000
(Paratia 800)	2672	3	0,000	-4,017	-274,804	-274,804	0,000	190,419	-59,171	190,419	-281,108	-281,108	0,000
	2673	4	0,000	-4,108	-275,055	-275,055	0,000	180,431	-62,770	180,431	-264,105	-264,105	0,000
	2718	5	0,000	-4,200	-275,306	-275,306	0,000	170,404	-66,465	170,404	-248,027	-248,027	0,000
Plate_1_7	2718	1	0,000	-4,200	-275,306	-275,306	0,000	170,399	-66,217	170,399	-248,027	-248,027	0,000
Element 7-8 (Plate)	2719	2	0,000	-4,275	-275,512	-275,512	0,000	162,162	-67,782	165,291	-235,558	-235,558	0,000
(Paratia 800)	2720	3	0,000	-4,350	-275,718	-275,718	0,000	153,889	-69,120	161,589	-223,704	-223,704	0,000
	2721	4	0,000	-4,425	-275,923	-275,923	0,000	145,584	-70,238	157,837	-212,470	-212,470	1,111
	2796	5	0,000	-4,500	-276,129	-276,129	0,000	137,255	-71,140	154,040	-201,866	-201,866	6,542
Plate_1_8	2796	1	0,000	-4,500	-276,129	-276,129	0,000	137,250	-71,148	154,038	-201,866	-201,866	6,542
Element 8-9 (Plate)	2797	2	0,000	-4,604	-276,415	-276,415	0,000	126,027	-72,043	148,682	-188,154	-188,154	14,037
(Paratia 800)	2798	3	0,000	-4,708	-276,700	-276,700	0,000	114,731	-72,559	143,229	-175,609	-175,609	29,248
	2799	4	0,000	-4,813	-276,986	-276,986	0,000	103,370	-72,703	137,683	-164,245	-164,245	43,885
	3262	5	0,000	-4,917	-277,272	-277,272	0,000	91,952	-72,482	132,048	-154,072	-154,072	57,933
Plate_1_8	3262	1	0,000	-4,917	-277,272	-277,272	0,000	91,947	-72,494	132,046	-154,072	-154,072	57,933
Element 8-10 (Plate)	3263	2	0,000	-4,998	-277,495	-277,495	0,000	82,997	-72,089	127,587	-146,966	-146,965	68,480
(Paratia 800)	3264	3	0,000	-5,079	-277,718	-277,718	0,000	74,001	-71,493	123,071	-140,585	-140,585	78,666
	3265	4	0,000	-5,161	-277,940	-277,940	0,000	64,966	-70,710	118,503	-134,938	-138,978	88,484
	3612	5	0,000	-5,242	-278,163	-278,163	0,000	55,898	-69,743	113,887	-130,028	-144,668	97,923
Plate_1_8	3612	1	0,000	-5,242	-278,163	-278,163	0,000	55,894	-69,748	113,886	-130,028	-144,668	97,923
Element 8-11 (Plate)	3613	2	0,000	-5,305	-278,337	-278,337	0,000	48,794	-68,879	110,264	-126,711	-149,049	105,025
(Paratia 800)	3614	3	0,000	-5,369	-278,511	-278,511	0,000	41,665	-67,922	106,616	-123,844	-153,373	111,899
	3615	4	0,000	-5,432	-278,685	-278,685	0,000	34,512	-66,889	102,962	-121,430	-157,636	118,542
	4350	5	0,000	-5,495	-278,859	-278,859	0,000	27,340	-65,794	99,326	-119,470	-161,830	124,950

Structural element	Node [10^3]	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_9	4350	1	0,000	-5,495	-278,863	-278,863	0,000	27,331	-65,492	99,689	-119,470	-161,830	124,950
Element 9-12 (Plate)	4351	2	0,000	-5,496	-278,829	-278,829	0,000	27,083	-65,432	99,523	-119,438	-161,907	125,068
(Paratia 800)	4352	3	0,000	-5,498	-278,802	-278,802	0,000	26,856	-65,376	99,382	-119,406	-161,984	125,186
	4353	4	0,000	-5,499	-278,781	-278,781	0,000	26,650	-65,324	99,266	-119,374	-162,061	125,303
	4369	5	0,000	-5,500	-278,766	-278,766	0,000	26,463	-65,275	99,172	-119,343	-162,139	125,421
Plate_1_10	4369	1	0,000	-5,500	-278,720	-278,720	0,000	26,336	-65,293	98,990	-119,343	-162,139	125,421
Element 10-13 (Plate)	4370	2	0,000	-5,550	-278,264	-278,264	0,000	24,676	-63,248	95,825	-118,079	-165,318	130,249
(Paratia 800)	4371	3	0,000	-5,599	-277,830	-277,830	0,000	23,100	-61,255	92,687	-116,894	-168,400	134,924
	4372	4	0,000	-5,649	-277,416	-277,416	0,000	21,595	-59,300	89,571	-115,786	-171,385	139,443
	4373	5	0,000	-5,698	-277,018	-277,018	0,000	20,149	-57,368	86,473	-114,752	-174,274	143,806
Plate_1_10	4373	1	0,000	-5,698	-276,966	-276,966	0,000	19,915	-57,394	86,382	-114,752	-174,274	143,806
Element 10-14 (Plate)	4337	2	0,000	-5,946	-275,088	-275,088	0,000	13,262	-48,802	71,128	-110,632	-187,280	163,330
(Paratia 800)	4338	3	0,000	-6,194	-273,056	-273,056	0,000	6,147	-46,542	55,669	-108,214	-197,857	179,056
	4339	4	0,000	-6,442	-270,856	-270,856	0,000	-1,493	-48,702	40,034	-107,627	-206,012	190,920
	4554	5	0,000	-6,690	-268,473	-268,473	0,000	-9,721	-54,709	24,114	-109,003	-211,760	198,853
Plate_2_1	9145	1	4,500	-6,690	0,263	-5,047	0,263	-145,390	-166,499	0,000	-17,897	-17,897	24,452
Element 11-15 (Plate)	9148	2	4,570	-6,690	-1,015	-6,407	0,000	-143,491	-164,348	0,000	-27,971	-27,971	12,910
(PLINTO)	9147	3	4,640	-6,690	-2,204	-7,241	0,000	-141,519	-161,837	0,000	-37,916	-37,916	2,092
	9146	4	4,709	-6,690	-3,316	-7,791	0,000	-139,431	-159,146	0,000	-47,719	-47,719	0,000
	9835	5	4,779	-6,690	-4,362	-8,301	0,000	-137,184	-156,450	0,000	-57,367	-57,367	0,000
Plate_2_1	9835	1	4,779	-6,690	-4,362	-8,267	0,000	-137,205	-156,415	0,000	-57,367	-57,367	0,000
Element 11-16 (Plate)	9831	2	4,852	-6,690	-5,427	-8,666	0,000	-134,800	-153,502	0,000	-67,243	-67,243	0,000
(PLINTO)	9830	3	4,924	-6,690	-6,460	-9,009	0,000	-132,334	-150,540	0,000	-76,946	-76,946	0,000
	9829	4	4,997	-6,690	-7,452	-9,474	0,000	-129,813	-147,542	0,000	-86,468	-86,468	0,000
	9855	5	5,070	-6,690	-8,392	-10,053	0,000	-127,242	-144,521	0,000	-95,800	-95,800	0,000
Plate_2_1	9855	1	5,070	-6,690	-8,397	-10,054	0,000	-127,243	-144,519	0,000	-95,800	-95,800	0,000
Element 11-17 (Plate)	9815	2	5,145	-6,690	-9,335	-10,590	0,000	-124,548	-141,351	0,000	-105,317	-105,317	0,000
(PLINTO)	9814	3	5,221	-6,690	-10,221	-11,075	0,000	-121,818	-138,161	0,000	-114,633	-114,633	0,000
	9813	4	5,296	-6,690	-11,051	-11,519	0,000	-119,063	-134,956	0,000	-123,741	-123,741	0,000

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
	9819	5	5,372	-6,690	-11,824	-12,025	0,000	-116,292	-131,740	0,000	-132,636	-132,636	0,000
Plate_2_1	9819	1	5,372	-6,690	-11,824	-12,031	0,000	-116,291	-131,738	0,000	-132,636	-132,636	0,000
Element 11-18 (Plate)	9822	2	5,451	-6,690	-12,573	-12,707	0,000	-113,376	-128,378	0,000	-141,673	-141,673	0,000
(PLINTO)	9821	3	5,529	-6,690	-13,263	-13,352	0,000	-110,434	-125,005	0,000	-150,483	-150,483	0,000
	9820	4	5,608	-6,690	-13,903	-13,963	0,000	-107,467	-121,623	0,000	-159,060	-159,060	0,000
	10515	5	5,687	-6,690	-14,500	-14,536	0,000	-104,477	-118,237	0,000	-167,400	-167,400	0,000
Plate_2_1	10515	1	5,687	-6,690	-14,500	-14,535	0,000	-104,475	-118,235	0,000	-167,400	-167,400	0,000
Element 11-19 (Plate)	10511	2	5,769	-6,690	-15,080	-15,090	0,000	-101,336	-114,703	0,000	-175,830	-175,830	0,000
(PLINTO)	10510	3	5,851	-6,690	-15,625	-15,625	0,000	-98,170	-111,162	0,000	-184,005	-184,005	0,000
	10509	4	5,933	-6,690	-16,137	-16,137	0,000	-94,982	-107,616	0,000	-191,921	-191,921	0,000
	10611	5	6,015	-6,690	-16,618	-16,618	0,000	-91,775	-104,068	0,000	-199,570	-199,570	0,000
Plate_2_1	10611	1	6,015	-6,690	-16,619	-16,619	0,000	-91,773	-104,066	0,000	-199,570	-199,570	0,000
Element 11-20 (Plate)	10607	2	6,100	-6,690	-17,091	-17,091	0,000	-88,414	-100,369	0,000	-207,253	-207,253	0,000
(PLINTO)	10606	3	6,185	-6,690	-17,537	-17,537	0,000	-85,032	-96,666	0,000	-214,653	-214,653	0,000
	10605	4	6,270	-6,690	-17,957	-17,957	0,000	-81,633	-92,960	0,000	-221,763	-221,763	0,000
	11095	5	6,356	-6,690	-18,355	-18,355	0,000	-78,219	-89,254	0,000	-228,579	-228,579	0,000
Plate_2_1	11095	1	6,356	-6,690	-18,355	-18,355	0,000	-78,217	-89,252	0,000	-228,579	-228,579	0,000
Element 11-21 (Plate)	11098	2	6,445	-6,690	-18,746	-18,746	0,000	-74,646	-85,391	0,000	-235,365	-235,365	0,000
(PLINTO)	11097	3	6,533	-6,690	-19,115	-19,115	0,000	-71,057	-81,527	0,000	-241,835	-241,835	0,000
	11096	4	6,622	-6,690	-19,465	-19,465	0,000	-67,453	-77,660	0,000	-247,987	-247,987	0,000
	11311	5	6,711	-6,690	-19,795	-19,795	0,000	-63,837	-73,796	0,000	-253,815	-253,815	0,000
Plate_2_1	11311	1	6,711	-6,690	-19,795	-19,795	0,000	-63,836	-73,794	0,000	-253,815	-253,815	0,000
Element 11-22 (Plate)	11315	2	6,803	-6,690	-20,120	-20,120	0,000	-60,058	-69,770	0,000	-259,540	-259,540	0,000
(PLINTO)	11316	3	6,896	-6,690	-20,427	-20,427	0,000	-56,265	-65,742	0,000	-264,918	-264,918	0,000
	11317	4	6,988	-6,690	-20,716	-20,716	0,000	-52,459	-61,714	0,000	-269,945	-269,945	0,000
	11743	5	7,081	-6,690	-20,990	-20,990	0,000	-48,644	-57,689	0,000	-274,617	-274,617	0,000
Plate_2_1	11743	1	7,081	-6,690	-20,990	-20,990	0,000	-48,642	-57,687	0,000	-274,617	-274,617	0,000
Element 11-23 (Plate)	11746	2	7,177	-6,690	-21,258	-21,258	0,000	-44,659	-53,496	0,000	-279,105	-279,105	0,000
(PLINTO)	11745	3	7,273	-6,690	-21,510	-21,510	0,000	-40,662	-49,302	0,000	-283,212	-283,212	0,000

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
	11744	4	7,369	-6,690	-21,748	-21,748	0,000	-36,655	-45,109	0,000	-286,933	-286,933	0,000
	12307	5	7,466	-6,690	-21,971	-21,971	0,000	-32,640	-40,919	0,000	-290,267	-290,267	0,000
Plate_2_1	12307	1	7,466	-6,690	-21,971	-21,971	0,000	-32,638	-40,916	0,000	-290,267	-290,267	0,000
Element 11-24 (Plate)	12303	2	7,566	-6,690	-22,188	-22,188	0,000	-28,448	-36,555	0,000	-293,326	-293,326	0,000
(PLINTO)	12302	3	7,666	-6,690	-22,391	-22,391	0,000	-24,246	-32,190	0,000	-295,966	-295,966	0,000
	12301	4	7,766	-6,690	-22,580	-22,580	0,000	-20,035	-27,826	0,000	-298,185	-298,185	0,000
	12581	5	7,866	-6,690	-22,756	-22,756	0,000	-15,818	-23,465	0,000	-299,981	-300,096	0,000
Plate_2_1	12581	1	7,866	-6,690	-22,756	-22,756	0,000	-15,816	-23,463	0,000	-299,981	-300,096	0,000
Element 11-25 (Plate)	12584	2	7,971	-6,690	-22,925	-22,925	0,000	-11,417	-18,924	0,000	-301,401	-302,306	0,000
(PLINTO)	12583	3	8,075	-6,690	-23,081	-23,081	0,000	-7,007	-14,383	0,000	-302,362	-304,044	0,000
	12582	4	8,179	-6,690	-23,224	-23,224	0,000	-2,589	-9,842	0,000	-302,862	-305,307	0,000
	12597	5	8,284	-6,690	-23,353	-23,353	0,000	1,833	-5,305	1,833	-302,902	-306,097	0,000
Plate_2_1	12597	1	8,284	-6,690	-23,353	-23,353	0,000	1,835	-5,303	1,835	-302,902	-306,097	0,000
Element 11-26 (Plate)	12601	2	8,392	-6,690	-23,474	-23,474	0,000	6,447	-0,646	6,447	-302,452	-306,416	0,000
(PLINTO)	12602	3	8,501	-6,690	-23,582	-23,582	0,000	11,068	0,000	11,068	-301,501	-306,222	0,000
	12603	4	8,609	-6,690	-23,676	-23,676	0,000	15,697	0,000	15,697	-300,048	-305,516	0,000
	12973	5	8,718	-6,690	-23,757	-23,757	0,000	20,328	0,000	20,328	-298,093	-304,297	0,000
Plate_2_1	12973	1	8,718	-6,690	-23,757	-23,757	0,000	20,330	0,000	20,330	-298,093	-304,297	0,000
Element 11-27 (Plate)	12976	2	8,831	-6,690	-23,827	-23,827	0,000	25,158	0,000	25,158	-295,523	-302,484	0,000
(PLINTO)	12975	3	8,944	-6,690	-23,883	-23,883	0,000	29,994	0,000	29,994	-292,405	-300,114	0,000
	12974	4	9,057	-6,690	-23,924	-23,924	0,000	34,835	0,000	34,835	-288,741	-297,189	0,000
	13181	5	9,170	-6,690	-23,950	-23,950	0,000	39,677	0,000	39,677	-284,531	-293,710	0,000
Plate_2_1	13181	1	9,170	-6,690	-23,950	-23,950	0,000	39,679	0,000	39,679	-284,531	-293,710	0,000
Element 11-28 (Plate)	13185	2	9,288	-6,690	-23,961	-23,961	0,000	44,724	0,000	44,724	-279,566	-289,499	0,000
(PLINTO)	13186	3	9,405	-6,690	-23,955	-23,955	0,000	49,774	0,000	49,774	-274,005	-284,684	0,000
	13187	4	9,523	-6,690	-23,932	-23,932	0,000	54,826	0,000	54,826	-267,850	-279,269	0,000
	13203	5	9,641	-6,690	-23,891	-23,891	0,000	59,875	0,000	59,875	-261,103	-273,256	0,000
Plate_2_1	13203	1	9,641	-6,690	-23,891	-23,891	0,000	59,877	0,000	59,877	-261,103	-273,256	0,000
Element 11-29 (Plate)	13207	2	9,763	-6,690	-23,828	-23,828	0,000	65,132	0,000	65,132	-253,449	-266,359	0,000

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
(PLINTO)	13208	3	9,886	-6,690	-23,744	-23,744	0,000	70,388	0,000	70,388	-245,146	-258,809	0,000
	13209	4	10,008	-6,690	-23,638	-23,638	0,000	75,640	0,000	75,640	-236,201	-250,609	0,000
	13761	5	10,131	-6,690	-23,508	-23,508	0,000	80,880	0,000	80,880	-226,616	-241,765	0,000
Plate_2_1	13761	1	10,131	-6,690	-23,507	-23,507	0,000	80,883	0,000	80,883	-226,616	-241,765	0,000
Element 11-30 (Plate)	13762	2	10,258	-6,690	-23,344	-23,344	0,000	86,327	0,000	86,327	-215,958	-231,872	0,000
(PLINTO)	13763	3	10,386	-6,690	-23,151	-23,151	0,000	91,762	0,000	91,762	-204,600	-221,273	0,000
	13764	4	10,513	-6,690	-22,926	-22,926	0,000	97,177	0,000	97,177	-192,550	-209,976	0,000
	14211	5	10,641	-6,690	-22,665	-22,665	0,000	102,566	0,000	102,566	-179,817	-197,988	0,000
Plate_2_1	14211	1	10,641	-6,690	-22,664	-22,664	0,000	102,570	0,000	102,570	-179,817	-197,988	0,000
Element 11-31 (Plate)	14215	2	10,773	-6,690	-22,351	-22,351	0,000	108,147	0,000	108,147	-165,834	-184,771	0,000
(PLINTO)	14216	3	10,906	-6,690	-21,991	-21,991	0,000	113,690	0,000	113,690	-151,105	-170,799	0,000
	14217	4	11,039	-6,690	-21,578	-21,578	0,000	119,183	0,000	119,183	-135,644	-156,083	0,000
	14683	5	11,172	-6,690	-21,107	-21,107	0,000	124,611	0,000	124,611	-119,465	-140,634	0,000
Plate_2_1	14683	1	11,172	-6,690	-21,111	-21,111	0,000	124,611	0,000	124,611	-119,465	-140,634	0,000
Element 11-32 (Plate)	14687	2	11,310	-6,690	-20,543	-20,543	0,000	130,184	0,000	130,184	-101,862	-123,773	0,000
(PLINTO)	14688	3	11,448	-6,690	-19,892	-19,892	0,000	135,653	0,000	135,653	-83,487	-106,117	0,000
	14689	4	11,586	-6,690	-19,138	-19,138	0,000	140,986	0,000	140,986	-64,365	-87,688	0,000
	14965	5	11,725	-6,690	-18,258	-18,258	0,000	146,147	0,000	146,147	-44,527	-68,507	0,000
Plate_2_1	14965	1	11,725	-6,690	-18,269	-18,269	0,000	146,193	0,000	146,193	-44,527	-68,507	0,000
Element 11-33 (Plate)	14971	2	11,868	-6,690	-17,146	-17,146	0,000	151,254	0,000	151,254	-23,138	-47,758	0,000
(PLINTO)	14970	3	12,012	-6,690	-15,751	-15,751	0,000	156,008	0,000	156,008	-1,016	-26,220	0,000
	14969	4	12,156	-6,690	-13,860	-13,860	0,000	159,940	0,000	159,940	21,722	-3,983	21,722
	15443	5	12,300	-6,690	-11,250	-11,250	0,000	162,533	0,000	162,533	44,936	0,000	44,936
Plate_1_11	4554	1	0,000	-6,690	-268,688	-268,688	0,000	-9,740	-52,792	24,068	-109,003	-211,760	198,853
Element 12-34 (Plate)	4555	2	0,000	-7,054	-260,895	-260,895	0,000	-13,680	-51,339	9,129	-113,329	-216,185	204,313
(Paratia 800)	4556	3	0,000	-7,417	-253,249	-253,249	0,000	-15,409	-59,981	10,987	-118,684	-216,552	204,187
	4557	4	0,000	-7,781	-245,839	-245,839	0,000	-14,975	-67,444	15,029	-124,276	-213,534	199,808
	5132	5	0,000	-8,145	-238,751	-238,751	0,000	-12,429	-71,701	19,106	-129,320	-207,780	192,289
Plate_1_11	5132	1	0,000	-8,145	-238,841	-238,841	0,000	-12,668	-71,937	19,192	-129,320	-207,780	192,289

Structural element	Node [10^3]	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Element 12-35 (Plate)	5133	2	0,000	-8,459	-233,047	-233,047	0,000	-9,808	-73,988	24,067	-132,895	-201,454	183,274
(Paratia 800)	5134	3	0,000	-8,774	-227,682	-229,537	0,000	-6,268	-74,309	28,247	-135,413	-198,767	172,132
	5135	4	0,000	-9,089	-222,775	-231,233	0,000	-2,745	-72,991	31,766	-136,845	-194,429	158,879
	5256	5	0,000	-9,404	-218,356	-233,095	0,000	0,059	-70,128	34,639	-137,230	-190,507	143,518
Plate_1_11	5256	1	0,000	-9,404	-218,362	-233,138	0,000	-0,805	-70,060	34,669	-137,230	-190,507	143,518
Element 12-36 (Plate)	5257	2	0,000	-9,677	-214,974	-234,949	0,000	-0,820	-66,511	36,744	-137,408	-191,363	128,416
(Paratia 800)	5258	3	0,000	-9,950	-211,991	-236,969	0,000	-3,085	-64,695	38,508	-137,878	-190,862	111,714
	5259	4	0,000	-10,223	-209,484	-239,247	0,000	-7,906	-71,621	39,968	-139,324	-194,068	93,207
	5274	5	0,000	-10,495	-207,523	-241,833	0,000	-15,590	-79,736	41,132	-142,455	-199,074	72,667
Plate_1_12	5274	1	0,000	-10,495	-207,628	-241,474	0,000	-14,501	-78,529	41,303	-142,455	-199,074	72,667
Element 13-37 (Plate)	5275	2	0,000	-10,765	-200,066	-238,771	0,000	-3,964	-66,358	41,238	-144,913	-206,305	53,260
(Paratia 800)	5276	3	0,000	-11,034	-192,932	-236,438	0,711	4,957	-55,320	40,193	-144,733	-212,116	37,016
	5277	4	0,000	-11,304	-186,348	-234,516	1,416	12,035	-45,666	39,645	-142,405	-214,647	23,561
	5298	5	0,000	-11,574	-180,431	-233,101	2,061	17,041	-37,648	38,639	-138,435	-214,630	12,501
Plate_1_12	5298	1	0,000	-11,574	-180,217	-232,894	2,065	17,028	-37,748	38,830	-138,435	-214,630	12,501
Element 13-38 (Plate)	5299	2	0,000	-11,854	-173,972	-231,116	2,687	20,555	-30,710	37,282	-133,133	-212,342	3,023
(Paratia 800)	5300	3	0,000	-12,135	-167,857	-229,206	3,259	23,007	-24,627	36,056	-126,988	-208,239	0,539
	5301	4	0,000	-12,416	-161,866	-227,156	3,779	24,372	-19,536	35,536	-120,307	-202,673	0,516
	5412	5	0,000	-12,697	-155,993	-224,958	4,248	24,637	-15,477	34,486	-113,400	-195,989	0,492
Plate_1_12	5412	1	0,000	-12,697	-155,979	-224,938	4,250	24,637	-15,520	34,547	-113,400	-195,989	0,492
Element 13-39 (Plate)	5413	2	0,000	-12,990	-150,214	-222,635	4,688	24,586	-11,657	33,082	-106,192	-188,086	0,469
(Paratia 800)	5414	3	0,000	-13,282	-144,621	-220,141	5,077	24,188	-8,401	33,058	-99,042	-179,462	0,448
	5415	4	0,000	-13,575	-139,185	-217,443	5,417	23,378	-5,750	32,787	-92,071	-170,289	0,429
	5616	5	0,000	-13,868	-133,891	-214,525	5,709	22,089	-3,772	33,142	-85,406	-160,736	0,414
Plate_1_12	5616	1	0,000	-13,868	-133,851	-214,481	5,710	22,010	-3,858	33,162	-85,406	-160,736	0,414
Element 13-40 (Plate)	5617	2	0,000	-14,173	-128,657	-211,312	5,966	20,822	-1,856	33,797	-78,881	-150,518	0,400
(Paratia 800)	5618	3	0,000	-14,478	-123,561	-207,789	6,173	19,700	-0,081	34,043	-72,698	-140,164	0,389
	5619	4	0,000	-14,783	-118,547	-203,899	6,332	18,527	-0,024	33,923	-66,869	-129,789	0,381
	5640	5	0,000	-15,088	-113,599	-199,627	6,442	17,191	-0,019	33,461	-61,417	-119,509	0,374

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
Plate_1_12	5640	1	0,000	-15,088	-113,555	-199,577	6,443	17,050	-0,019	33,488	-61,417	-119,509	0,374
Element 13-41 (Plate)	5641	2	0,000	-15,405	-108,627	-194,814	6,507	16,050	-0,015	32,753	-56,170	-108,983	0,369
(Paratia 800)	5642	3	0,000	-15,723	-103,698	-189,499	6,521	15,254	-0,013	31,833	-51,194	-98,716	0,388
	5643	4	0,000	-16,041	-98,756	-183,622	6,483	14,505	-0,014	30,743	-46,469	-88,768	0,447
	5664	5	0,000	-16,358	-93,787	-177,172	6,475	13,644	-0,018	29,501	-41,991	-79,196	0,499
Plate_1_12	5664	1	0,000	-16,358	-93,737	-177,106	6,474	13,468	-0,018	29,530	-41,991	-79,196	0,499
Element 13-42 (Plate)	5665	2	0,000	-16,689	-88,693	-169,870	6,484	12,903	-0,027	28,162	-37,636	-69,648	0,547
(Paratia 800)	5666	3	0,000	-17,021	-83,519	-161,816	6,412	12,508	-0,039	26,781	-33,426	-60,551	0,591
	5667	4	0,000	-17,352	-78,201	-152,929	6,255	12,121	-0,053	25,390	-29,352	-51,913	0,629
	6144	5	0,000	-17,683	-72,726	-143,195	6,014	11,578	-0,070	23,992	-25,421	-43,741	0,659
Plate_1_12	6144	1	0,000	-17,683	-72,599	-143,029	6,010	11,437	-0,070	23,973	-25,421	-43,741	0,659
Element 13-43 (Plate)	6145	2	0,000	-18,028	-66,911	-132,088	5,669	10,942	-0,092	22,513	-21,584	-35,724	0,666
(Paratia 800)	6146	3	0,000	-18,373	-60,682	-119,683	5,218	10,813	-0,146	20,949	-17,823	-28,221	0,634
	6147	4	0,000	-18,717	-53,906	-105,806	4,655	10,676	-0,259	19,246	-14,124	-21,353	0,565
	6734	5	0,000	-19,062	-46,575	-90,453	3,978	10,162	-0,368	17,369	-10,509	-15,069	0,456
Plate_1_12	6734	1	0,000	-19,062	-45,739	-89,484	3,985	10,869	-0,325	17,256	-10,509	-15,069	0,456
Element 13-44 (Plate)	6735	2	0,000	-19,422	-37,938	-72,208	3,117	9,594	-0,449	14,899	-7,035	-9,300	0,312
(Paratia 800)	6736	3	0,000	-19,781	-27,475	-50,891	2,145	9,775	-0,417	11,676	-3,332	-4,451	0,152
	6737	4	0,000	-20,141	-13,213	-24,474	1,082	6,258	-0,235	6,666	-0,450	-1,152	0,031
	6738	5	0,000	-20,500	5,987	-0,059	8,106	-6,113	-6,113	0,088	0,000	0,000	0,000

3.2.1.1.1.4 Calculation results, Node-to-node anchor, chiodo [Phase_3] (3/105), Table of total displacements

Structural element	Node	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-6} m]	|u| [10^{-3} m]
NodeToNodeAnchor_1_1	2670	1	0,000	-3,833	11,479	919,769	11,516
Element 1-1 (Node-to-node anchor)	4166	2	-12,990	-11,320	0,423	172,370	0,457

3.2.1.1.1.5 Calculation results, Node-to-node anchor, scavo per plinto [Phase_4] (4/109), Table of total displacements

Structural element	Node	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
NodeToNodeAnchor_1_1	2670	1	0,000	-3,833	27,219	-1,592	27,265
Element 1-1 (Node-to-node anchor)	4166	2	-12,990	-11,320	6,204	0,128	6,205

3.2.1.1.1.6 Calculation results, Node-to-node anchor, scavo totale a valle [Phase_5] (5/116), Table of total displacements

Structural element	Node	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
NodeToNodeAnchor_1_1	2670	1	0,000	-3,833	51,296	-11,474	52,563
Element 1-1 (Node-to-node anchor)	4166	2	-12,990	-11,320	25,826	-8,769	27,275

3.2.1.1.1.7 Calculation results, Node-to-node anchor, falda a -5 m [Phase_6] (6/121), Table of total displacements

Structural element	Node	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
NodeToNodeAnchor_1_1	2670	1	0,000	-3,833	64,783	-14,605	66,409
Element 1-1 (Node-to-node anchor)	4166	2	-12,990	-11,320	35,035	-10,328	36,526

3.2.1.1.1.8 Calculation results, Node-to-node anchor, terrapieno [Phase_7] (7/138), Table of total displacements

Structural element	Node	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
NodeToNodeAnchor_1_1	2670	1	0,000	-3,833	65,264	-14,904	66,944
Element 1-1 (Node-to-node anchor)	4166	2	-12,990	-11,320	35,344	-10,426	36,850

3.2.1.1.1.9 Calculation results, Node-to-node anchor, plinto + pali [Phase_8] (8/141), Table of total displacements

Structural element	Node	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
NodeToNodeAnchor_1_1	2670	1	0,000	-3,833	66,374	-16,125	68,305
Element 1-1 (Node-to-node anchor)	4166	2	-12,990	-11,320	35,898	-10,737	37,470

3.2.1.1.1.10 Calculation results, Node-to-node anchor, Versante - fase B [Phase_10] (10/146), Table of total displacements

Structural element	Node	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
NodeToNodeAnchor_1_1	2670	1	0,000	-3,833	18,695	5,795	19,573
Element 1-1 (Node-to-node anchor)	4166	2	-12,990	-11,320	1,903	16,419	16,529

3.2.2.1.4 Calculation results, Node-to-node anchor, chiodo [Phase_3] (3/105), Table of node-to-node anchors

Structural element	Node	Local number	X [m]	Y [m]	N [kN]	N_{min} [kN]	N_{max} [kN]
NodeToNodeAnchor_1_1	2670	1	0,000	-3,833	1,754	0,000	1,754
Element 1-1 (Node-to-node anchor)	4166	2	-12,990	-11,320	1,754	0,000	1,754

3.2.2.1.5 Calculation results, Node-to-node anchor, scavo per plinto [Phase_4] (4/109), Table of node-to-node anchors

Structural element	Node	Local number	X [m]	Y [m]	N [kN]	N_{min} [kN]	N_{max} [kN]
NodeToNodeAnchor_1_1	2670	1	0,000	-3,833	376,779	0,000	376,779
Element 1-1 (Node-to-node anchor)	4166	2	-12,990	-11,320	376,779	0,000	376,779

3.2.2.1.6 Calculation results, Node-to-node anchor, scavo totale a valle [Phase_5] (5/116), Table of node-to-node anchors

Structural element	Node	Local number	X [m]	Y [m]	N [kN]	N_{min} [kN]	N_{max} [kN]
NodeToNodeAnchor_1_1	2670	1	0,000	-3,833	547,557	0,000	547,557
Element 1-1 (Node-to-node anchor)	4166	2	-12,990	-11,320	547,557	0,000	547,557

3.2.2.1.7 Calculation results, Node-to-node anchor, falda a -5 m [Phase_6] (6/121), Table of node-to-node anchors

Structural element	Node	Local number	X [m]	Y [m]	N [kN]	N_{min} [kN]	N_{max} [kN]
NodeToNodeAnchor_1_1	2670	1	0,000	-3,833	695,677	0,000	695,677
Element 1-1 (Node-to-node anchor)	4166	2	-12,990	-11,320	695,677	0,000	695,677

3.2.2.1.8 Calculation results, Node-to-node anchor, terrapieno [Phase_7] (7/138), Table of node-to-node anchors

Structural element	Node	Local number	X [m]	Y [m]	N [kN]	N_{min} [kN]	N_{max} [kN]
NodeToNodeAnchor_1_1	2670	1	0,000	-3,833	698,139	0,000	698,139
Element 1-1 (Node-to-node anchor)	4166	2	-12,990	-11,320	698,139	0,000	698,139

3.2.2.1.9 Calculation results, Node-to-node anchor, plinto + pali [Phase_8] (8/141), Table of node-to-node anchors

Structural element	Node	Local number	X [m]	Y [m]	N [kN]	N_{min} [kN]	N_{max} [kN]
NodeToNodeAnchor_1_1	2670	1	0,000	-3,833	699,554	0,000	699,554
Element 1-1 (Node-to-node anchor)	4166	2	-12,990	-11,320	699,554	0,000	699,554

3.2.2.1.10 Calculation results, Node-to-node anchor, Versante - fase B [Phase_10] (10/146), Table of node-to-node anchors

Structural element	Node	Local number	X [m]	Y [m]	N [kN]	N_{min} [kN]	N_{max} [kN]
NodeToNodeAnchor_1_1	2670	1	0,000	-3,833	1168,253	0,000	1168,253
Element 1-1 (Node-to-node anchor)	4166	2	-12,990	-11,320	1168,253	0,000	1168,253

3.3.1.1.1.9 Calculation results, Embedded beam row, plinto + pali [Phase_8] (8/141), Table of total displacements

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
EmbeddedBeamRow_1_1	17498	1	4,500	-6,690	47,686	37,264	60,519
Element 1-1 (Embedded beam row)	17499	2	4,500	-6,693	47,686	37,256	60,514
(palo 1500)	17500	3	4,500	-6,695	47,686	37,249	60,509
	17501	4	4,500	-6,698	47,686	37,241	60,505
	17502	5	4,500	-6,701	47,686	37,233	60,500
EmbeddedBeamRow_1_1	17502	1	4,500	-6,701	47,686	37,233	60,500
Element 1-2 (Embedded beam row)	17503	2	4,500	-6,766	47,671	37,003	60,347
(palo 1500)	17504	3	4,500	-6,832	47,626	36,744	60,153
	17505	4	4,500	-6,897	47,580	36,477	59,953
	17506	5	4,500	-6,963	47,542	36,214	59,763
EmbeddedBeamRow_1_1	17506	1	4,500	-6,963	47,542	36,214	59,763
Element 1-3 (Embedded beam row)	17507	2	4,500	-7,040	47,499	35,905	59,543
(palo 1500)	17508	3	4,500	-7,118	47,458	35,600	59,327
	17509	4	4,500	-7,195	47,419	35,298	59,114
	17510	5	4,500	-7,272	47,382	34,999	58,906
EmbeddedBeamRow_1_1	17510	1	4,500	-7,272	47,382	34,999	58,906
Element 1-4 (Embedded beam row)	17511	2	4,500	-7,364	47,339	34,649	58,664
(palo 1500)	17512	3	4,500	-7,455	47,297	34,303	58,427
	17513	4	4,500	-7,546	47,256	33,960	58,193
	17514	5	4,500	-7,638	47,216	33,621	57,963
EmbeddedBeamRow_1_1	17514	1	4,500	-7,638	47,216	33,621	57,963
Element 1-5 (Embedded beam row)	17515	2	4,500	-7,745	47,169	33,225	57,696
(palo 1500)	17516	3	4,500	-7,853	47,123	32,833	57,433

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	17517	4	4,500	-7,961	47,077	32,446	57,175
	17518	5	4,500	-8,068	47,032	32,063	56,921
EmbeddedBeamRow_1_1	17518	1	4,500	-8,068	47,032	32,063	56,921
Element 1-6 (Embedded beam row)	17519	2	4,500	-8,195	46,983	31,617	56,631
(palo 1500)	17520	3	4,500	-8,322	46,939	31,177	56,350
	17521	4	4,500	-8,449	46,900	30,742	56,078
	17522	5	4,500	-8,576	46,866	30,314	55,815
EmbeddedBeamRow_1_1	17522	1	4,500	-8,576	46,866	30,314	55,815
Element 1-7 (Embedded beam row)	17523	2	4,500	-8,726	46,829	29,815	55,515
(palo 1500)	17524	3	4,500	-8,876	46,796	29,322	55,223
	17525	4	4,500	-9,026	46,764	28,834	54,939
	17526	5	4,500	-9,176	46,730	28,351	54,658
EmbeddedBeamRow_1_1	17526	1	4,500	-9,176	46,730	28,351	54,658
Element 1-8 (Embedded beam row)	17527	2	4,500	-9,352	46,685	27,785	54,328
(palo 1500)	17528	3	4,500	-9,529	46,608	27,214	53,971
	17529	4	4,500	-9,706	46,370	26,604	53,460
	17530	5	4,500	-9,883	45,872	25,936	52,697
EmbeddedBeamRow_1_1	17530	1	4,500	-9,883	45,872	25,936	52,697
Element 1-9 (Embedded beam row)	17531	2	4,500	-10,091	45,224	25,144	51,744
(palo 1500)	17532	3	4,500	-10,300	44,589	24,377	50,817
	17533	4	4,500	-10,508	43,960	23,632	49,909
	17534	5	4,500	-10,717	43,346	22,909	49,027
EmbeddedBeamRow_1_1	17534	1	4,500	-10,717	43,346	22,909	49,027
Element 1-10 (Embedded beam row)	17535	2	4,500	-10,963	42,648	22,086	48,028
(palo 1500)	17536	3	4,500	-11,209	41,993	21,291	47,082
	17537	4	4,500	-11,455	41,378	20,523	46,188

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	17538	5	4,500	-11,701	40,794	19,781	45,337
EmbeddedBeamRow_1_1	17538	1	4,500	-11,701	40,794	19,781	45,337
Element 1-11 (Embedded beam row)	17539	2	4,500	-11,952	40,396	19,157	44,708
(palo 1500)	17540	3	4,500	-12,203	39,982	18,545	44,073
	17541	4	4,500	-12,454	39,550	17,944	43,430
	17542	5	4,500	-12,705	39,100	17,352	42,777
EmbeddedBeamRow_1_1	17542	1	4,500	-12,705	39,100	17,352	42,777
Element 1-12 (Embedded beam row)	17543	2	4,500	-12,962	38,622	16,757	42,100
(palo 1500)	17544	3	4,500	-13,218	38,125	16,172	41,413
	17545	4	4,500	-13,475	37,610	15,599	40,717
	17546	5	4,500	-13,732	37,078	15,038	40,011
EmbeddedBeamRow_1_1	17546	1	4,500	-13,732	37,078	15,038	40,011
Element 1-13 (Embedded beam row)	17547	2	4,500	-13,994	36,516	14,478	39,282
(palo 1500)	17548	3	4,500	-14,257	35,940	13,931	38,545
	17549	4	4,500	-14,519	35,350	13,398	37,804
	17550	5	4,500	-14,781	34,747	12,881	37,058
EmbeddedBeamRow_1_1	17550	1	4,500	-14,781	34,747	12,881	37,058
Element 1-14 (Embedded beam row)	17551	2	4,500	-15,050	34,120	12,367	36,292
(palo 1500)	17552	3	4,500	-15,318	33,483	11,870	35,525
	17553	4	4,500	-15,586	32,838	11,388	34,757
	17554	5	4,500	-15,855	32,187	10,923	33,990
EmbeddedBeamRow_1_1	17554	1	4,500	-15,855	32,187	10,923	33,990
Element 1-15 (Embedded beam row)	17555	2	4,500	-16,129	31,516	10,464	33,208
(palo 1500)	17556	3	4,500	-16,403	30,841	10,022	32,429
	17557	4	4,500	-16,678	30,163	9,596	31,652
	17558	5	4,500	-16,952	29,480	9,185	30,878

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
EmbeddedBeamRow_1_1	17558	1	4,500	-16,952	29,480	9,185	30,878
Element 1-16 (Embedded beam row)	17559	2	4,500	-17,232	28,779	8,781	30,089
(palo 1500)	17560	3	4,500	-17,513	28,074	8,392	29,302
	17561	4	4,500	-17,793	27,365	8,018	28,516
	17562	5	4,500	-18,074	26,653	7,658	27,731
EmbeddedBeamRow_1_1	17562	1	4,500	-18,074	26,653	7,658	27,731
Element 1-17 (Embedded beam row)	17563	2	4,500	-18,360	25,922	7,304	26,931
(palo 1500)	17564	3	4,500	-18,647	25,189	6,964	26,134
	17565	4	4,500	-18,934	24,455	6,639	25,340
	17566	5	4,500	-19,221	23,722	6,327	24,551
EmbeddedBeamRow_1_1	17566	1	4,500	-19,221	23,722	6,327	24,551
Element 1-18 (Embedded beam row)	17567	2	4,500	-19,514	22,978	6,023	23,754
(palo 1500)	17568	3	4,500	-19,807	22,252	5,734	22,979
	17569	4	4,500	-20,100	21,558	5,460	22,239
	17570	5	4,500	-20,393	20,906	5,199	21,543
EmbeddedBeamRow_1_1	17570	1	4,500	-20,393	20,906	5,199	21,543
Element 1-19 (Embedded beam row)	17571	2	4,500	-20,693	20,280	4,941	20,873
(palo 1500)	17572	3	4,500	-20,992	19,683	4,691	20,234
	17573	4	4,500	-21,292	19,101	4,446	19,611
	17574	5	4,500	-21,592	18,525	4,207	18,997
EmbeddedBeamRow_1_1	17574	1	4,500	-21,592	18,525	4,207	18,997
Element 1-20 (Embedded beam row)	17575	2	4,500	-21,898	17,940	3,967	18,374
(palo 1500)	17576	3	4,500	-22,205	17,357	3,733	17,754
	17577	4	4,500	-22,511	16,777	3,505	17,139
	17578	5	4,500	-22,817	16,200	3,284	16,529
EmbeddedBeamRow_1_1	17578	1	4,500	-22,817	16,200	3,284	16,529

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
Element 1-21 (Embedded beam row)	17579	2	4,500	-23,131	15,615	3,063	15,912
(palo 1500)	17580	3	4,500	-23,444	15,036	2,849	15,304
	17581	4	4,500	-23,757	14,466	2,640	14,705
	17582	5	4,500	-24,070	13,905	2,438	14,117
EmbeddedBeamRow_1_1	17582	1	4,500	-24,070	13,905	2,438	14,117
Element 1-22 (Embedded beam row)	17583	2	4,500	-24,391	13,343	2,236	13,529
(palo 1500)	17584	3	4,500	-24,711	12,792	2,040	12,954
	17585	4	4,500	-25,031	12,256	1,850	12,395
	17586	5	4,500	-25,351	11,734	1,665	11,852
EmbeddedBeamRow_1_1	17586	1	4,500	-25,351	11,734	1,665	11,852
Element 1-23 (Embedded beam row)	17587	2	4,500	-25,679	11,217	1,480	11,314
(palo 1500)	17588	3	4,500	-26,006	10,717	1,300	10,796
	17589	4	4,500	-26,334	10,234	1,125	10,296
	17590	5	4,500	-26,661	9,768	0,953	9,814
EmbeddedBeamRow_1_1	17590	1	4,500	-26,661	9,768	0,953	9,814
Element 1-24 (Embedded beam row)	17591	2	4,500	-26,996	9,308	0,782	9,341
(palo 1500)	17592	3	4,500	-27,331	8,866	0,615	8,887
	17593	4	4,500	-27,665	8,438	0,451	8,450
	17594	5	4,500	-28,000	8,026	0,290	8,031
EmbeddedBeamRow_1_1	17594	1	4,500	-28,000	8,026	0,290	8,031
Element 1-25 (Embedded beam row)	17595	2	4,500	-28,673	7,235	-0,023	7,235
(palo 1500)	17596	3	4,500	-29,345	6,486	-0,322	6,494
	17597	4	4,500	-30,018	5,765	-0,607	5,797
	17598	5	4,500	-30,690	5,059	-0,878	5,135
EmbeddedBeamRow_2_1	17599	1	12,300	-6,690	41,870	36,839	55,769
Element 2-26 (Embedded beam row)	17600	2	12,300	-6,816	41,803	36,823	55,708

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
(palo 1500)	17601	3	12,300	-6,942	41,723	36,796	55,631
	17602	4	12,300	-7,068	41,637	36,762	55,544
	17603	5	12,300	-7,194	41,545	36,722	55,448
EmbeddedBeamRow_2_1	17603	1	12,300	-7,194	41,545	36,722	55,448
Element 2-27 (Embedded beam row)	17604	2	12,300	-7,364	41,415	36,659	55,309
(palo 1500)	17605	3	12,300	-7,534	41,278	36,586	55,159
	17606	4	12,300	-7,704	41,135	36,505	54,997
	17607	5	12,300	-7,874	40,985	36,415	54,825
EmbeddedBeamRow_2_1	17607	1	12,300	-7,874	40,985	36,415	54,825
Element 2-28 (Embedded beam row)	17608	2	12,300	-8,103	40,768	36,277	54,572
(palo 1500)	17609	3	12,300	-8,332	40,535	36,124	54,296
	17610	4	12,300	-8,561	40,273	35,932	53,973
	17611	5	12,300	-8,790	39,949	35,642	53,538
EmbeddedBeamRow_2_1	17611	1	12,300	-8,790	39,949	35,642	53,538
Element 2-29 (Embedded beam row)	17612	2	12,300	-9,040	39,643	34,393	52,483
(palo 1500)	17613	3	12,300	-9,290	39,337	33,276	51,524
	17614	4	12,300	-9,540	38,988	32,240	50,591
	17615	5	12,300	-9,790	38,603	31,257	49,670
EmbeddedBeamRow_2_1	17615	1	12,300	-9,790	38,603	31,257	49,670
Element 2-30 (Embedded beam row)	17616	2	12,300	-10,040	38,206	30,319	48,775
(palo 1500)	17617	3	12,300	-10,290	37,796	29,427	47,901
	17618	4	12,300	-10,540	37,371	28,576	47,045
	17619	5	12,300	-10,790	36,929	27,763	46,201
EmbeddedBeamRow_2_1	17619	1	12,300	-10,790	36,929	27,763	46,201
Element 2-31 (Embedded beam row)	17620	2	12,300	-11,040	36,467	26,984	45,365
(palo 1500)	17621	3	12,300	-11,290	35,983	26,231	44,529

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	17622	4	12,300	-11,540	35,473	25,502	43,688
	17623	5	12,300	-11,790	34,938	24,796	42,843
EmbeddedBeamRow_2_1	17623	1	12,300	-11,790	34,938	24,796	42,843
Element 2-32 (Embedded beam row)	17624	2	12,300	-12,040	34,379	24,110	41,991
(palo 1500)	17625	3	12,300	-12,290	33,797	23,444	41,132
	17626	4	12,300	-12,540	33,195	22,798	40,270
	17627	5	12,300	-12,790	32,577	22,170	39,405
EmbeddedBeamRow_2_1	17627	1	12,300	-12,790	32,577	22,170	39,405
Element 2-33 (Embedded beam row)	17628	2	12,300	-13,040	31,944	21,559	38,538
(palo 1500)	17629	3	12,300	-13,290	31,296	20,959	37,666
	17630	4	12,300	-13,540	30,629	20,368	36,783
	17631	5	12,300	-13,790	29,929	19,780	35,875
EmbeddedBeamRow_2_1	17631	1	12,300	-13,790	29,929	19,780	35,875
Element 2-34 (Embedded beam row)	17632	2	12,300	-14,045	29,469	19,263	35,207
(palo 1500)	17633	3	12,300	-14,301	29,024	18,772	34,566
	17634	4	12,300	-14,556	28,575	18,295	33,930
	17635	5	12,300	-14,811	28,119	17,828	33,295
EmbeddedBeamRow_2_1	17635	1	12,300	-14,811	28,119	17,828	33,295
Element 2-35 (Embedded beam row)	17636	2	12,300	-15,074	27,645	17,358	32,642
(palo 1500)	17637	3	12,300	-15,336	27,163	16,896	31,989
	17638	4	12,300	-15,598	26,674	16,441	31,333
	17639	5	12,300	-15,860	26,178	15,993	30,677
EmbeddedBeamRow_2_1	17639	1	12,300	-15,860	26,178	15,993	30,677
Element 2-36 (Embedded beam row)	17640	2	12,300	-16,129	25,663	15,540	30,001
(palo 1500)	17641	3	12,300	-16,398	25,141	15,094	29,324
	17642	4	12,300	-16,667	24,613	14,656	28,646

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	17643	5	12,300	-16,936	24,081	14,224	27,968
EmbeddedBeamRow_2_1	17643	1	12,300	-16,936	24,081	14,224	27,968
Element 2-37 (Embedded beam row)	17644	2	12,300	-17,212	23,530	13,787	27,272
(palo 1500)	17645	3	12,300	-17,488	22,977	13,358	26,577
	17646	4	12,300	-17,765	22,421	12,936	25,885
	17647	5	12,300	-18,041	21,864	12,521	25,196
EmbeddedBeamRow_2_1	17647	1	12,300	-18,041	21,864	12,521	25,196
Element 2-38 (Embedded beam row)	17648	2	12,300	-18,324	21,294	12,103	24,493
(palo 1500)	17649	3	12,300	-18,608	20,726	11,693	23,797
	17650	4	12,300	-18,891	20,161	11,290	23,107
	17651	5	12,300	-19,175	19,602	10,895	22,426
EmbeddedBeamRow_2_1	17651	1	12,300	-19,175	19,602	10,895	22,426
Element 2-39 (Embedded beam row)	17652	2	12,300	-19,466	19,033	10,498	21,736
(palo 1500)	17653	3	12,300	-19,757	18,471	10,109	21,056
	17654	4	12,300	-20,048	17,913	9,728	20,384
	17655	5	12,300	-20,339	17,360	9,354	19,720
EmbeddedBeamRow_2_1	17655	1	12,300	-20,339	17,360	9,354	19,720
Element 2-40 (Embedded beam row)	17656	2	12,300	-20,638	16,797	8,978	19,046
(palo 1500)	17657	3	12,300	-20,936	16,240	8,610	18,381
	17658	4	12,300	-21,235	15,687	8,249	17,724
	17659	5	12,300	-21,534	15,140	7,895	17,075
EmbeddedBeamRow_2_1	17659	1	12,300	-21,534	15,140	7,895	17,075
Element 2-41 (Embedded beam row)	17660	2	12,300	-21,840	14,585	7,540	16,419
(palo 1500)	17661	3	12,300	-22,147	14,038	7,192	15,773
	17662	4	12,300	-22,454	13,498	6,852	15,138
	17663	5	12,300	-22,760	12,968	6,519	14,514

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
EmbeddedBeamRow_2_1	17663	1	12,300	-22,760	12,968	6,519	14,514
Element 2-42 (Embedded beam row)	17664	2	12,300	-23,075	12,433	6,184	13,886
(palo 1500)	17665	3	12,300	-23,390	11,909	5,858	13,271
	17666	4	12,300	-23,705	11,397	5,539	12,672
	17667	5	12,300	-24,019	10,899	5,227	12,088
EmbeddedBeamRow_2_1	17667	1	12,300	-24,019	10,899	5,227	12,088
Element 2-43 (Embedded beam row)	17668	2	12,300	-24,342	10,405	4,916	11,507
(palo 1500)	17669	3	12,300	-24,665	9,926	4,611	10,945
	17670	4	12,300	-24,989	9,464	4,314	10,401
	17671	5	12,300	-25,312	9,021	4,025	9,878
EmbeddedBeamRow_2_1	17671	1	12,300	-25,312	9,021	4,025	9,878
Element 2-44 (Embedded beam row)	17672	2	12,300	-25,643	8,587	3,735	9,364
(palo 1500)	17673	3	12,300	-25,975	8,171	3,452	8,870
	17674	4	12,300	-26,307	7,771	3,177	8,396
	17675	5	12,300	-26,638	7,389	2,907	7,940
EmbeddedBeamRow_2_1	17675	1	12,300	-26,638	7,389	2,907	7,940
Element 2-45 (Embedded beam row)	17676	2	12,300	-26,979	7,014	2,638	7,493
(palo 1500)	17677	3	12,300	-27,319	6,655	2,374	7,066
	17678	4	12,300	-27,660	6,313	2,116	6,659
	17679	5	12,300	-28,000	5,987	1,864	6,271
EmbeddedBeamRow_2_1	17679	1	12,300	-28,000	5,987	1,864	6,271
Element 2-46 (Embedded beam row)	17680	2	12,300	-28,673	5,386	1,381	5,561
(palo 1500)	17681	3	12,300	-29,345	4,836	0,916	4,922
	17682	4	12,300	-30,018	4,327	0,467	4,352
	17683	5	12,300	-30,690	3,846	0,034	3,846

3.3.1.1.1.10 Calculation results, Embedded beam row, Versante - fase B [Phase_10] (10/146), Table of total displacements

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
EmbeddedBeamRow_1_1	17498	1	4,500	-6,690	2,071	1,861	2,784
Element 1-1 (Embedded beam row)	17499	2	4,500	-6,693	2,070	1,861	2,784
(palo 1500)	17500	3	4,500	-6,695	2,070	1,861	2,783
	17501	4	4,500	-6,698	2,069	1,861	2,783
	17502	5	4,500	-6,701	2,069	1,861	2,782
EmbeddedBeamRow_1_1	17502	1	4,500	-6,701	2,069	1,861	2,782
Element 1-2 (Embedded beam row)	17503	2	4,500	-6,766	2,056	1,861	2,773
(palo 1500)	17504	3	4,500	-6,832	2,043	1,861	2,763
	17505	4	4,500	-6,897	2,030	1,861	2,753
	17506	5	4,500	-6,963	2,017	1,860	2,744
EmbeddedBeamRow_1_1	17506	1	4,500	-6,963	2,017	1,860	2,744
Element 1-3 (Embedded beam row)	17507	2	4,500	-7,040	2,001	1,860	2,732
(palo 1500)	17508	3	4,500	-7,118	1,985	1,860	2,720
	17509	4	4,500	-7,195	1,969	1,860	2,709
	17510	5	4,500	-7,272	1,953	1,860	2,697
EmbeddedBeamRow_1_1	17510	1	4,500	-7,272	1,953	1,860	2,697
Element 1-4 (Embedded beam row)	17511	2	4,500	-7,364	1,934	1,860	2,683
(palo 1500)	17512	3	4,500	-7,455	1,914	1,859	2,669
	17513	4	4,500	-7,546	1,895	1,859	2,655
	17514	5	4,500	-7,638	1,875	1,859	2,640
EmbeddedBeamRow_1_1	17514	1	4,500	-7,638	1,875	1,859	2,640
Element 1-5 (Embedded beam row)	17515	2	4,500	-7,745	1,851	1,859	2,624
(palo 1500)	17516	3	4,500	-7,853	1,828	1,859	2,607

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	17517	4	4,500	-7,961	1,803	1,859	2,590
	17518	5	4,500	-8,068	1,779	1,858	2,573
EmbeddedBeamRow_1_1	17518	1	4,500	-8,068	1,779	1,858	2,573
Element 1-6 (Embedded beam row)	17519	2	4,500	-8,195	1,750	1,858	2,553
(palo 1500)	17520	3	4,500	-8,322	1,721	1,858	2,532
	17521	4	4,500	-8,449	1,691	1,858	2,512
	17522	5	4,500	-8,576	1,661	1,857	2,492
EmbeddedBeamRow_1_1	17522	1	4,500	-8,576	1,661	1,857	2,492
Element 1-7 (Embedded beam row)	17523	2	4,500	-8,726	1,625	1,857	2,468
(palo 1500)	17524	3	4,500	-8,876	1,589	1,857	2,444
	17525	4	4,500	-9,026	1,553	1,857	2,420
	17526	5	4,500	-9,176	1,516	1,856	2,396
EmbeddedBeamRow_1_1	17526	1	4,500	-9,176	1,516	1,856	2,396
Element 1-8 (Embedded beam row)	17527	2	4,500	-9,352	1,472	1,856	2,369
(palo 1500)	17528	3	4,500	-9,529	1,427	1,856	2,341
	17529	4	4,500	-9,706	1,382	1,855	2,314
	17530	5	4,500	-9,883	1,337	1,855	2,286
EmbeddedBeamRow_1_1	17530	1	4,500	-9,883	1,337	1,855	2,286
Element 1-9 (Embedded beam row)	17531	2	4,500	-10,091	1,283	1,854	2,255
(palo 1500)	17532	3	4,500	-10,300	1,229	1,854	2,224
	17533	4	4,500	-10,508	1,174	1,854	2,194
	17534	5	4,500	-10,717	1,119	1,853	2,165
EmbeddedBeamRow_1_1	17534	1	4,500	-10,717	1,119	1,853	2,165
Element 1-10 (Embedded beam row)	17535	2	4,500	-10,963	1,053	1,853	2,131
(palo 1500)	17536	3	4,500	-11,209	0,987	1,852	2,099
	17537	4	4,500	-11,455	0,922	1,852	2,068

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	17538	5	4,500	-11,701	0,855	1,851	2,039
EmbeddedBeamRow_1_1	17538	1	4,500	-11,701	0,855	1,851	2,039
Element 1-11 (Embedded beam row)	17539	2	4,500	-11,952	0,788	1,850	2,011
(palo 1500)	17540	3	4,500	-12,203	0,721	1,850	1,985
	17541	4	4,500	-12,454	0,653	1,849	1,961
	17542	5	4,500	-12,705	0,586	1,848	1,939
EmbeddedBeamRow_1_1	17542	1	4,500	-12,705	0,586	1,848	1,939
Element 1-12 (Embedded beam row)	17543	2	4,500	-12,962	0,518	1,848	1,919
(palo 1500)	17544	3	4,500	-13,218	0,451	1,847	1,901
	17545	4	4,500	-13,475	0,384	1,846	1,886
	17546	5	4,500	-13,732	0,317	1,846	1,873
EmbeddedBeamRow_1_1	17546	1	4,500	-13,732	0,317	1,846	1,873
Element 1-13 (Embedded beam row)	17547	2	4,500	-13,994	0,250	1,845	1,862
(palo 1500)	17548	3	4,500	-14,257	0,184	1,844	1,853
	17549	4	4,500	-14,519	0,119	1,843	1,847
	17550	5	4,500	-14,781	0,055	1,842	1,843
EmbeddedBeamRow_1_1	17550	1	4,500	-14,781	0,055	1,842	1,843
Element 1-14 (Embedded beam row)	17551	2	4,500	-15,050	-0,010	1,841	1,841
(palo 1500)	17552	3	4,500	-15,318	-0,073	1,840	1,842
	17553	4	4,500	-15,586	-0,135	1,839	1,844
	17554	5	4,500	-15,855	-0,195	1,838	1,849
EmbeddedBeamRow_1_1	17554	1	4,500	-15,855	-0,195	1,838	1,849
Element 1-15 (Embedded beam row)	17555	2	4,500	-16,129	-0,256	1,837	1,855
(palo 1500)	17556	3	4,500	-16,403	-0,315	1,836	1,863
	17557	4	4,500	-16,678	-0,372	1,835	1,872
	17558	5	4,500	-16,952	-0,427	1,834	1,883

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
EmbeddedBeamRow_1_1	17558	1	4,500	-16,952	-0,427	1,834	1,883
Element 1-16 (Embedded beam row)	17559	2	4,500	-17,232	-0,482	1,833	1,895
(palo 1500)	17560	3	4,500	-17,513	-0,535	1,831	1,908
	17561	4	4,500	-17,793	-0,587	1,830	1,922
	17562	5	4,500	-18,074	-0,636	1,829	1,936
EmbeddedBeamRow_1_1	17562	1	4,500	-18,074	-0,636	1,829	1,936
Element 1-17 (Embedded beam row)	17563	2	4,500	-18,360	-0,685	1,827	1,951
(palo 1500)	17564	3	4,500	-18,647	-0,731	1,826	1,967
	17565	4	4,500	-18,934	-0,776	1,825	1,983
	17566	5	4,500	-19,221	-0,818	1,823	1,998
EmbeddedBeamRow_1_1	17566	1	4,500	-19,221	-0,818	1,823	1,998
Element 1-18 (Embedded beam row)	17567	2	4,500	-19,514	-0,860	1,822	2,014
(palo 1500)	17568	3	4,500	-19,807	-0,899	1,820	2,030
	17569	4	4,500	-20,100	-0,936	1,818	2,045
	17570	5	4,500	-20,393	-0,971	1,817	2,060
EmbeddedBeamRow_1_1	17570	1	4,500	-20,393	-0,971	1,817	2,060
Element 1-19 (Embedded beam row)	17571	2	4,500	-20,693	-1,005	1,815	2,075
(palo 1500)	17572	3	4,500	-20,992	-1,036	1,813	2,089
	17573	4	4,500	-21,292	-1,066	1,812	2,102
	17574	5	4,500	-21,592	-1,093	1,810	2,114
EmbeddedBeamRow_1_1	17574	1	4,500	-21,592	-1,093	1,810	2,114
Element 1-20 (Embedded beam row)	17575	2	4,500	-21,898	-1,118	1,808	2,126
(palo 1500)	17576	3	4,500	-22,205	-1,142	1,806	2,137
	17577	4	4,500	-22,511	-1,163	1,804	2,146
	17578	5	4,500	-22,817	-1,182	1,802	2,155
EmbeddedBeamRow_1_1	17578	1	4,500	-22,817	-1,182	1,802	2,155

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
Element 1-21 (Embedded beam row)	17579	2	4,500	-23,131	-1,199	1,800	2,163
(palo 1500)	17580	3	4,500	-23,444	-1,215	1,798	2,170
	17581	4	4,500	-23,757	-1,228	1,796	2,176
	17582	5	4,500	-24,070	-1,239	1,794	2,181
EmbeddedBeamRow_1_1	17582	1	4,500	-24,070	-1,239	1,794	2,181
Element 1-22 (Embedded beam row)	17583	2	4,500	-24,391	-1,249	1,792	2,185
(palo 1500)	17584	3	4,500	-24,711	-1,257	1,790	2,188
	17585	4	4,500	-25,031	-1,263	1,788	2,189
	17586	5	4,500	-25,351	-1,268	1,786	2,190
EmbeddedBeamRow_1_1	17586	1	4,500	-25,351	-1,268	1,786	2,190
Element 1-23 (Embedded beam row)	17587	2	4,500	-25,679	-1,271	1,784	2,190
(palo 1500)	17588	3	4,500	-26,006	-1,272	1,782	2,190
	17589	4	4,500	-26,334	-1,272	1,780	2,188
	17590	5	4,500	-26,661	-1,271	1,778	2,186
EmbeddedBeamRow_1_1	17590	1	4,500	-26,661	-1,271	1,778	2,186
Element 1-24 (Embedded beam row)	17591	2	4,500	-26,996	-1,269	1,776	2,183
(palo 1500)	17592	3	4,500	-27,331	-1,265	1,774	2,179
	17593	4	4,500	-27,665	-1,261	1,772	2,175
	17594	5	4,500	-28,000	-1,256	1,770	2,170
EmbeddedBeamRow_1_1	17594	1	4,500	-28,000	-1,256	1,770	2,170
Element 1-25 (Embedded beam row)	17595	2	4,500	-28,673	-1,244	1,766	2,160
(palo 1500)	17596	3	4,500	-29,345	-1,230	1,763	2,150
	17597	4	4,500	-30,018	-1,216	1,760	2,139
	17598	5	4,500	-30,690	-1,202	1,757	2,128
EmbeddedBeamRow_2_1	17599	1	12,300	-6,690	2,070	0,367	2,102
Element 2-26 (Embedded beam row)	17600	2	12,300	-6,816	2,045	0,367	2,078

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
(palo 1500)	17601	3	12,300	-6,942	2,020	0,367	2,053
	17602	4	12,300	-7,068	1,995	0,367	2,028
	17603	5	12,300	-7,194	1,969	0,367	2,003
EmbeddedBeamRow_2_1	17603	1	12,300	-7,194	1,969	0,367	2,003
Element 2-27 (Embedded beam row)	17604	2	12,300	-7,364	1,935	0,367	1,969
(palo 1500)	17605	3	12,300	-7,534	1,900	0,367	1,935
	17606	4	12,300	-7,704	1,864	0,367	1,900
	17607	5	12,300	-7,874	1,829	0,367	1,865
EmbeddedBeamRow_2_1	17607	1	12,300	-7,874	1,829	0,367	1,865
Element 2-28 (Embedded beam row)	17608	2	12,300	-8,103	1,780	0,367	1,817
(palo 1500)	17609	3	12,300	-8,332	1,731	0,367	1,769
	17610	4	12,300	-8,561	1,681	0,367	1,721
	17611	5	12,300	-8,790	1,631	0,367	1,672
EmbeddedBeamRow_2_1	17611	1	12,300	-8,790	1,631	0,367	1,672
Element 2-29 (Embedded beam row)	17612	2	12,300	-9,040	1,576	0,367	1,618
(palo 1500)	17613	3	12,300	-9,290	1,520	0,367	1,564
	17614	4	12,300	-9,540	1,464	0,367	1,509
	17615	5	12,300	-9,790	1,407	0,367	1,455
EmbeddedBeamRow_2_1	17615	1	12,300	-9,790	1,407	0,367	1,455
Element 2-30 (Embedded beam row)	17616	2	12,300	-10,040	1,351	0,367	1,400
(palo 1500)	17617	3	12,300	-10,290	1,294	0,368	1,345
	17618	4	12,300	-10,540	1,237	0,368	1,290
	17619	5	12,300	-10,790	1,180	0,368	1,236
EmbeddedBeamRow_2_1	17619	1	12,300	-10,790	1,180	0,368	1,236
Element 2-31 (Embedded beam row)	17620	2	12,300	-11,040	1,123	0,368	1,181
(palo 1500)	17621	3	12,300	-11,290	1,066	0,368	1,127

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	17622	4	12,300	-11,540	1,009	0,368	1,074
	17623	5	12,300	-11,790	0,952	0,368	1,021
EmbeddedBeamRow_2_1	17623	1	12,300	-11,790	0,952	0,368	1,021
Element 2-32 (Embedded beam row)	17624	2	12,300	-12,040	0,896	0,368	0,968
(palo 1500)	17625	3	12,300	-12,290	0,839	0,368	0,916
	17626	4	12,300	-12,540	0,784	0,368	0,866
	17627	5	12,300	-12,790	0,728	0,368	0,816
EmbeddedBeamRow_2_1	17627	1	12,300	-12,790	0,728	0,368	0,816
Element 2-33 (Embedded beam row)	17628	2	12,300	-13,040	0,673	0,368	0,767
(palo 1500)	17629	3	12,300	-13,290	0,619	0,368	0,720
	17630	4	12,300	-13,540	0,565	0,368	0,675
	17631	5	12,300	-13,790	0,513	0,368	0,631
EmbeddedBeamRow_2_1	17631	1	12,300	-13,790	0,513	0,368	0,631
Element 2-34 (Embedded beam row)	17632	2	12,300	-14,045	0,459	0,368	0,588
(palo 1500)	17633	3	12,300	-14,301	0,407	0,368	0,548
	17634	4	12,300	-14,556	0,355	0,368	0,511
	17635	5	12,300	-14,811	0,304	0,368	0,478
EmbeddedBeamRow_2_1	17635	1	12,300	-14,811	0,304	0,368	0,478
Element 2-35 (Embedded beam row)	17636	2	12,300	-15,074	0,253	0,368	0,447
(palo 1500)	17637	3	12,300	-15,336	0,204	0,368	0,421
	17638	4	12,300	-15,598	0,155	0,368	0,399
	17639	5	12,300	-15,860	0,107	0,368	0,383
EmbeddedBeamRow_2_1	17639	1	12,300	-15,860	0,107	0,368	0,383
Element 2-36 (Embedded beam row)	17640	2	12,300	-16,129	0,060	0,368	0,373
(palo 1500)	17641	3	12,300	-16,398	0,013	0,368	0,368
	17642	4	12,300	-16,667	-0,032	0,368	0,370

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	17643	5	12,300	-16,936	-0,075	0,368	0,376
EmbeddedBeamRow_2_1	17643	1	12,300	-16,936	-0,075	0,368	0,376
Element 2-37 (Embedded beam row)	17644	2	12,300	-17,212	-0,119	0,368	0,387
(palo 1500)	17645	3	12,300	-17,488	-0,160	0,368	0,402
	17646	4	12,300	-17,765	-0,201	0,368	0,419
	17647	5	12,300	-18,041	-0,240	0,368	0,439
EmbeddedBeamRow_2_1	17647	1	12,300	-18,041	-0,240	0,368	0,439
Element 2-38 (Embedded beam row)	17648	2	12,300	-18,324	-0,278	0,368	0,461
(palo 1500)	17649	3	12,300	-18,608	-0,315	0,368	0,484
	17650	4	12,300	-18,891	-0,350	0,368	0,508
	17651	5	12,300	-19,175	-0,384	0,368	0,532
EmbeddedBeamRow_2_1	17651	1	12,300	-19,175	-0,384	0,368	0,532
Element 2-39 (Embedded beam row)	17652	2	12,300	-19,466	-0,416	0,368	0,556
(palo 1500)	17653	3	12,300	-19,757	-0,448	0,368	0,580
	17654	4	12,300	-20,048	-0,477	0,368	0,603
	17655	5	12,300	-20,339	-0,505	0,368	0,625
EmbeddedBeamRow_2_1	17655	1	12,300	-20,339	-0,505	0,368	0,625
Element 2-40 (Embedded beam row)	17656	2	12,300	-20,638	-0,532	0,368	0,647
(palo 1500)	17657	3	12,300	-20,936	-0,558	0,368	0,668
	17658	4	12,300	-21,235	-0,582	0,368	0,688
	17659	5	12,300	-21,534	-0,604	0,368	0,707
EmbeddedBeamRow_2_1	17659	1	12,300	-21,534	-0,604	0,368	0,707
Element 2-41 (Embedded beam row)	17660	2	12,300	-21,840	-0,625	0,368	0,725
(palo 1500)	17661	3	12,300	-22,147	-0,645	0,368	0,742
	17662	4	12,300	-22,454	-0,663	0,368	0,758
	17663	5	12,300	-22,760	-0,679	0,368	0,772

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
EmbeddedBeamRow_2_1	17663	1	12,300	-22,760	-0,679	0,368	0,772
Element 2-42 (Embedded beam row)	17664	2	12,300	-23,075	-0,695	0,368	0,786
(palo 1500)	17665	3	12,300	-23,390	-0,709	0,367	0,798
	17666	4	12,300	-23,705	-0,721	0,367	0,810
	17667	5	12,300	-24,019	-0,733	0,367	0,820
EmbeddedBeamRow_2_1	17667	1	12,300	-24,019	-0,733	0,367	0,820
Element 2-43 (Embedded beam row)	17668	2	12,300	-24,342	-0,743	0,367	0,829
(palo 1500)	17669	3	12,300	-24,665	-0,752	0,367	0,837
	17670	4	12,300	-24,989	-0,759	0,367	0,843
	17671	5	12,300	-25,312	-0,766	0,367	0,849
EmbeddedBeamRow_2_1	17671	1	12,300	-25,312	-0,766	0,367	0,849
Element 2-44 (Embedded beam row)	17672	2	12,300	-25,643	-0,772	0,367	0,854
(palo 1500)	17673	3	12,300	-25,975	-0,776	0,366	0,858
	17674	4	12,300	-26,307	-0,780	0,366	0,862
	17675	5	12,300	-26,638	-0,783	0,366	0,864
EmbeddedBeamRow_2_1	17675	1	12,300	-26,638	-0,783	0,366	0,864
Element 2-45 (Embedded beam row)	17676	2	12,300	-26,979	-0,785	0,366	0,866
(palo 1500)	17677	3	12,300	-27,319	-0,786	0,366	0,867
	17678	4	12,300	-27,660	-0,787	0,366	0,867
	17679	5	12,300	-28,000	-0,787	0,365	0,867
EmbeddedBeamRow_2_1	17679	1	12,300	-28,000	-0,787	0,365	0,867
Element 2-46 (Embedded beam row)	17680	2	12,300	-28,673	-0,786	0,365	0,867
(palo 1500)	17681	3	12,300	-29,345	-0,784	0,365	0,865
	17682	4	12,300	-30,018	-0,782	0,364	0,863
	17683	5	12,300	-30,690	-0,780	0,364	0,861

3.3.1.2.1.9 Calculation results, Embedded beam row, plinto + pali [Phase_8] (8/141), Table of relative total displacements

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
EmbeddedBeamRow_1_1	17498	1	4,500	-6,690	0,000	0,000	0,000
Element 1-1 (Embedded beam row)	17499	2	4,500	-6,693	-5,732	0,000	0,000
(palo 1500)	17500	3	4,500	-6,695	-12,157	0,000	0,000
	17501	4	4,500	-6,698	-19,369	0,000	0,000
	17502	5	4,500	-6,701	-27,708	0,000	0,000
EmbeddedBeamRow_1_1	17502	1	4,500	-6,701	-27,708	0,000	0,000
Element 1-2 (Embedded beam row)	17503	2	4,500	-6,766	-89,410	0,000	0,000
(palo 1500)	17504	3	4,500	-6,832	-93,765	0,000	0,000
	17505	4	4,500	-6,897	-102,566	0,000	0,000
	17506	5	4,500	-6,963	-107,185	0,000	0,000
EmbeddedBeamRow_1_1	17506	1	4,500	-6,963	-107,185	0,000	0,000
Element 1-3 (Embedded beam row)	17507	2	4,500	-7,040	-111,227	0,000	0,000
(palo 1500)	17508	3	4,500	-7,118	-113,992	0,000	0,000
	17509	4	4,500	-7,195	-116,163	0,000	0,000
	17510	5	4,500	-7,272	-117,730	0,000	0,000
EmbeddedBeamRow_1_1	17510	1	4,500	-7,272	-117,730	0,000	0,000
Element 1-4 (Embedded beam row)	17511	2	4,500	-7,364	-119,097	0,000	0,000
(palo 1500)	17512	3	4,500	-7,455	-120,067	0,000	0,000
	17513	4	4,500	-7,546	-120,661	0,000	0,000
	17514	5	4,500	-7,638	-121,043	0,000	0,000
EmbeddedBeamRow_1_1	17514	1	4,500	-7,638	-121,043	0,000	0,000
Element 1-5 (Embedded beam row)	17515	2	4,500	-7,745	-121,222	0,000	0,000
(palo 1500)	17516	3	4,500	-7,853	-121,217	0,000	0,000

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
	17517	4	4,500	-7,961	-120,930	0,000	0,000
	17518	5	4,500	-8,068	-120,429	0,000	0,000
EmbeddedBeamRow_1_1	17518	1	4,500	-8,068	-120,429	0,000	0,000
Element 1-6 (Embedded beam row)	17519	2	4,500	-8,195	-119,837	0,000	0,000
(palo 1500)	17520	3	4,500	-8,322	-119,139	0,000	0,000
	17521	4	4,500	-8,449	-118,293	0,000	0,000
	17522	5	4,500	-8,576	-117,400	0,000	0,000
EmbeddedBeamRow_1_1	17522	1	4,500	-8,576	-117,400	0,000	0,000
Element 1-7 (Embedded beam row)	17523	2	4,500	-8,726	-116,257	0,000	0,000
(palo 1500)	17524	3	4,500	-8,876	-114,981	0,000	0,000
	17525	4	4,500	-9,026	-113,769	0,000	0,000
	17526	5	4,500	-9,176	-112,509	0,000	0,000
EmbeddedBeamRow_1_1	17526	1	4,500	-9,176	-112,509	0,000	0,000
Element 1-8 (Embedded beam row)	17527	2	4,500	-9,352	-111,202	0,000	0,000
(palo 1500)	17528	3	4,500	-9,529	-112,367	0,000	0,000
	17529	4	4,500	-9,706	-112,448	0,000	0,000
	17530	5	4,500	-9,883	-107,715	0,000	0,000
EmbeddedBeamRow_1_1	17530	1	4,500	-9,883	-107,715	0,000	0,000
Element 1-9 (Embedded beam row)	17531	2	4,500	-10,091	-106,862	0,000	0,000
(palo 1500)	17532	3	4,500	-10,300	-106,855	0,000	0,000
	17533	4	4,500	-10,508	-105,801	0,000	0,000
	17534	5	4,500	-10,717	-105,234	0,000	0,000
EmbeddedBeamRow_1_1	17534	1	4,500	-10,717	-105,234	0,000	0,000
Element 1-10 (Embedded beam row)	17535	2	4,500	-10,963	-104,268	0,000	0,000
(palo 1500)	17536	3	4,500	-11,209	-103,135	0,000	0,000
	17537	4	4,500	-11,455	-102,110	0,000	0,001

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
	17538	5	4,500	-11,701	-98,048	-0,001	0,001
EmbeddedBeamRow_1_1	17538	1	4,500	-11,701	-98,048	-0,001	0,001
Element 1-11 (Embedded beam row)	17539	2	4,500	-11,952	-90,837	-0,001	0,001
(palo 1500)	17540	3	4,500	-12,203	-83,266	-0,001	0,001
	17541	4	4,500	-12,454	-76,615	-0,001	0,001
	17542	5	4,500	-12,705	-70,429	-0,001	0,001
EmbeddedBeamRow_1_1	17542	1	4,500	-12,705	-70,429	-0,001	0,001
Element 1-12 (Embedded beam row)	17543	2	4,500	-12,962	-64,619	-0,001	0,001
(palo 1500)	17544	3	4,500	-13,218	-59,195	-0,001	0,001
	17545	4	4,500	-13,475	-54,151	-0,001	0,001
	17546	5	4,500	-13,732	-49,428	-0,001	0,001
EmbeddedBeamRow_1_1	17546	1	4,500	-13,732	-49,428	-0,001	0,001
Element 1-13 (Embedded beam row)	17547	2	4,500	-13,994	-44,928	-0,001	0,001
(palo 1500)	17548	3	4,500	-14,257	-40,759	-0,001	0,001
	17549	4	4,500	-14,519	-36,902	-0,001	0,001
	17550	5	4,500	-14,781	-33,360	-0,001	0,001
EmbeddedBeamRow_1_1	17550	1	4,500	-14,781	-33,360	-0,001	0,001
Element 1-14 (Embedded beam row)	17551	2	4,500	-15,050	-30,067	-0,001	0,001
(palo 1500)	17552	3	4,500	-15,318	-27,103	-0,001	0,001
	17553	4	4,500	-15,586	-24,477	-0,001	0,001
	17554	5	4,500	-15,855	-22,206	-0,001	0,001
EmbeddedBeamRow_1_1	17554	1	4,500	-15,855	-22,206	-0,001	0,001
Element 1-15 (Embedded beam row)	17555	2	4,500	-16,129	-20,268	-0,001	0,001
(palo 1500)	17556	3	4,500	-16,403	-18,809	-0,001	0,001
	17557	4	4,500	-16,678	-18,010	-0,001	0,001
	17558	5	4,500	-16,952	-17,863	-0,001	0,001

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
EmbeddedBeamRow_1_1	17558	1	4,500	-16,952	-17,863	-0,001	0,001
Element 1-16 (Embedded beam row)	17559	2	4,500	-17,232	-17,981	-0,001	0,001
(palo 1500)	17560	3	4,500	-17,513	-18,247	-0,001	0,001
	17561	4	4,500	-17,793	-18,489	-0,001	0,001
	17562	5	4,500	-18,074	-18,595	-0,001	0,001
EmbeddedBeamRow_1_1	17562	1	4,500	-18,074	-18,595	-0,001	0,001
Element 1-17 (Embedded beam row)	17563	2	4,500	-18,360	-18,593	-0,001	0,001
(palo 1500)	17564	3	4,500	-18,647	-18,431	-0,001	0,001
	17565	4	4,500	-18,934	-18,055	-0,001	0,001
	17566	5	4,500	-19,221	-17,632	-0,001	0,001
EmbeddedBeamRow_1_1	17566	1	4,500	-19,221	-17,632	-0,001	0,001
Element 1-18 (Embedded beam row)	17567	2	4,500	-19,514	-17,207	-0,001	0,001
(palo 1500)	17568	3	4,500	-19,807	-16,656	-0,001	0,001
	17569	4	4,500	-20,100	-16,009	-0,001	0,001
	17570	5	4,500	-20,393	-15,244	-0,001	0,001
EmbeddedBeamRow_1_1	17570	1	4,500	-20,393	-15,244	-0,001	0,001
Element 1-19 (Embedded beam row)	17571	2	4,500	-20,693	-14,490	-0,001	0,001
(palo 1500)	17572	3	4,500	-20,992	-13,763	-0,001	0,001
	17573	4	4,500	-21,292	-12,939	-0,001	0,001
	17574	5	4,500	-21,592	-12,176	-0,001	0,001
EmbeddedBeamRow_1_1	17574	1	4,500	-21,592	-12,176	-0,001	0,001
Element 1-20 (Embedded beam row)	17575	2	4,500	-21,898	-11,430	-0,001	0,001
(palo 1500)	17576	3	4,500	-22,205	-10,782	-0,001	0,001
	17577	4	4,500	-22,511	-10,272	-0,001	0,001
	17578	5	4,500	-22,817	-9,925	-0,001	0,001
EmbeddedBeamRow_1_1	17578	1	4,500	-22,817	-9,925	-0,001	0,001

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
Element 1-21 (Embedded beam row)	17579	2	4,500	-23,131	-9,745	-0,001	0,001
(palo 1500)	17580	3	4,500	-23,444	-9,755	-0,001	0,001
	17581	4	4,500	-23,757	-9,947	-0,001	0,001
	17582	5	4,500	-24,070	-10,290	-0,001	0,001
EmbeddedBeamRow_1_1	17582	1	4,500	-24,070	-10,290	-0,001	0,001
Element 1-22 (Embedded beam row)	17583	2	4,500	-24,391	-10,730	-0,001	0,001
(palo 1500)	17584	3	4,500	-24,711	-11,184	-0,001	0,001
	17585	4	4,500	-25,031	-11,554	-0,001	0,001
	17586	5	4,500	-25,351	-11,744	-0,001	0,001
EmbeddedBeamRow_1_1	17586	1	4,500	-25,351	-11,744	-0,001	0,001
Element 1-23 (Embedded beam row)	17587	2	4,500	-25,679	-11,650	-0,001	0,001
(palo 1500)	17588	3	4,500	-26,006	-11,225	-0,001	0,001
	17589	4	4,500	-26,334	-10,404	-0,001	0,001
	17590	5	4,500	-26,661	-9,206	-0,001	0,001
EmbeddedBeamRow_1_1	17590	1	4,500	-26,661	-9,206	-0,001	0,001
Element 1-24 (Embedded beam row)	17591	2	4,500	-26,996	-7,614	-0,001	0,001
(palo 1500)	17592	3	4,500	-27,331	-5,738	-0,001	0,001
	17593	4	4,500	-27,665	-3,633	-0,001	0,001
	17594	5	4,500	-28,000	-1,057	-0,001	0,001
EmbeddedBeamRow_1_1	17594	1	4,500	-28,000	-1,057	-0,001	0,001
Element 1-25 (Embedded beam row)	17595	2	4,500	-28,673	5,771	-0,001	0,001
(palo 1500)	17596	3	4,500	-29,345	8,550	-0,001	0,001
	17597	4	4,500	-30,018	30,334	-0,001	0,001
	17598	5	4,500	-30,690	137,813	-0,001	0,001
EmbeddedBeamRow_2_1	17599	1	12,300	-6,690	0,000	0,000	0,000
Element 2-26 (Embedded beam row)	17600	2	12,300	-6,816	61,197	0,000	0,000

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
(palo 1500)	17601	3	12,300	-6,942	76,910	0,000	0,000
	17602	4	12,300	-7,068	84,142	0,000	0,000
	17603	5	12,300	-7,194	88,888	0,000	0,000
EmbeddedBeamRow_2_1	17603	1	12,300	-7,194	88,888	0,000	0,000
Element 2-27 (Embedded beam row)	17604	2	12,300	-7,364	90,085	0,000	0,000
(palo 1500)	17605	3	12,300	-7,534	87,821	0,000	0,000
	17606	4	12,300	-7,704	83,061	0,000	0,000
	17607	5	12,300	-7,874	76,233	0,000	0,000
EmbeddedBeamRow_2_1	17607	1	12,300	-7,874	76,233	0,000	0,000
Element 2-28 (Embedded beam row)	17608	2	12,300	-8,103	64,396	0,000	0,000
(palo 1500)	17609	3	12,300	-8,332	50,817	0,000	0,000
	17610	4	12,300	-8,561	32,702	0,000	0,000
	17611	5	12,300	-8,790	16,207	0,000	0,000
EmbeddedBeamRow_2_1	17611	1	12,300	-8,790	16,207	0,000	0,000
Element 2-29 (Embedded beam row)	17612	2	12,300	-9,040	14,085	0,000	0,000
(palo 1500)	17613	3	12,300	-9,290	5,954	0,000	0,000
	17614	4	12,300	-9,540	-4,286	0,000	0,000
	17615	5	12,300	-9,790	-16,736	0,000	0,000
EmbeddedBeamRow_2_1	17615	1	12,300	-9,790	-16,736	0,000	0,000
Element 2-30 (Embedded beam row)	17616	2	12,300	-10,040	-27,168	0,000	0,000
(palo 1500)	17617	3	12,300	-10,290	-33,466	0,000	0,000
	17618	4	12,300	-10,540	-35,858	0,000	0,000
	17619	5	12,300	-10,790	-35,193	0,000	0,000
EmbeddedBeamRow_2_1	17619	1	12,300	-10,790	-35,193	0,000	0,000
Element 2-31 (Embedded beam row)	17620	2	12,300	-11,040	-31,631	0,000	0,000
(palo 1500)	17621	3	12,300	-11,290	-25,973	0,000	0,000

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
	17622	4	12,300	-11,540	-18,350	0,000	0,000
	17623	5	12,300	-11,790	-9,318	-0,001	0,001
EmbeddedBeamRow_2_1	17623	1	12,300	-11,790	-9,318	-0,001	0,001
Element 2-32 (Embedded beam row)	17624	2	12,300	-12,040	0,644	-0,001	0,001
(palo 1500)	17625	3	12,300	-12,290	11,189	-0,001	0,001
	17626	4	12,300	-12,540	22,033	-0,001	0,001
	17627	5	12,300	-12,790	33,171	-0,001	0,001
EmbeddedBeamRow_2_1	17627	1	12,300	-12,790	33,171	-0,001	0,001
Element 2-33 (Embedded beam row)	17628	2	12,300	-13,040	44,837	-0,001	0,001
(palo 1500)	17629	3	12,300	-13,290	57,683	-0,001	0,001
	17630	4	12,300	-13,540	72,095	-0,001	0,001
	17631	5	12,300	-13,790	95,013	-0,001	0,001
EmbeddedBeamRow_2_1	17631	1	12,300	-13,790	95,013	-0,001	0,001
Element 2-34 (Embedded beam row)	17632	2	12,300	-14,045	90,978	-0,001	0,001
(palo 1500)	17633	3	12,300	-14,301	86,892	-0,001	0,001
	17634	4	12,300	-14,556	82,647	-0,001	0,001
	17635	5	12,300	-14,811	78,151	-0,001	0,001
EmbeddedBeamRow_2_1	17635	1	12,300	-14,811	78,151	-0,001	0,001
Element 2-35 (Embedded beam row)	17636	2	12,300	-15,074	73,458	-0,001	0,001
(palo 1500)	17637	3	12,300	-15,336	68,912	-0,001	0,001
	17638	4	12,300	-15,598	64,508	-0,001	0,001
	17639	5	12,300	-15,860	60,251	-0,001	0,001
EmbeddedBeamRow_2_1	17639	1	12,300	-15,860	60,251	-0,001	0,001
Element 2-36 (Embedded beam row)	17640	2	12,300	-16,129	56,070	-0,001	0,001
(palo 1500)	17641	3	12,300	-16,398	52,021	-0,001	0,001
	17642	4	12,300	-16,667	48,087	-0,001	0,001

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
	17643	5	12,300	-16,936	44,187	-0,001	0,001
EmbeddedBeamRow_2_1	17643	1	12,300	-16,936	44,187	-0,001	0,001
Element 2-37 (Embedded beam row)	17644	2	12,300	-17,212	40,146	-0,001	0,001
(palo 1500)	17645	3	12,300	-17,488	35,841	-0,001	0,001
	17646	4	12,300	-17,765	31,265	-0,001	0,001
	17647	5	12,300	-18,041	26,560	-0,001	0,001
EmbeddedBeamRow_2_1	17647	1	12,300	-18,041	26,560	-0,001	0,001
Element 2-38 (Embedded beam row)	17648	2	12,300	-18,324	21,707	-0,001	0,001
(palo 1500)	17649	3	12,300	-18,608	16,986	-0,001	0,001
	17650	4	12,300	-18,891	12,501	-0,001	0,001
	17651	5	12,300	-19,175	8,364	-0,001	0,001
EmbeddedBeamRow_2_1	17651	1	12,300	-19,175	8,364	-0,001	0,001
Element 2-39 (Embedded beam row)	17652	2	12,300	-19,466	4,721	-0,001	0,001
(palo 1500)	17653	3	12,300	-19,757	2,021	-0,001	0,001
	17654	4	12,300	-20,048	-0,014	-0,001	0,001
	17655	5	12,300	-20,339	-1,772	-0,001	0,001
EmbeddedBeamRow_2_1	17655	1	12,300	-20,339	-1,772	-0,001	0,001
Element 2-40 (Embedded beam row)	17656	2	12,300	-20,638	-3,462	-0,001	0,001
(palo 1500)	17657	3	12,300	-20,936	-5,047	-0,001	0,001
	17658	4	12,300	-21,235	-6,536	-0,001	0,001
	17659	5	12,300	-21,534	-7,958	-0,001	0,001
EmbeddedBeamRow_2_1	17659	1	12,300	-21,534	-7,958	-0,001	0,001
Element 2-41 (Embedded beam row)	17660	2	12,300	-21,840	-9,355	-0,001	0,001
(palo 1500)	17661	3	12,300	-22,147	-10,689	-0,001	0,001
	17662	4	12,300	-22,454	-11,955	-0,001	0,001
	17663	5	12,300	-22,760	-13,153	-0,001	0,001

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
EmbeddedBeamRow_2_1	17663	1	12,300	-22,760	-13,153	-0,001	0,001
Element 2-42 (Embedded beam row)	17664	2	12,300	-23,075	-14,294	-0,001	0,001
(palo 1500)	17665	3	12,300	-23,390	-15,307	-0,001	0,001
	17666	4	12,300	-23,705	-16,113	-0,001	0,001
	17667	5	12,300	-24,019	-16,630	-0,001	0,001
EmbeddedBeamRow_2_1	17667	1	12,300	-24,019	-16,630	-0,001	0,001
Element 2-43 (Embedded beam row)	17668	2	12,300	-24,342	-16,749	-0,001	0,001
(palo 1500)	17669	3	12,300	-24,665	-16,481	-0,001	0,001
	17670	4	12,300	-24,989	-15,771	-0,001	0,001
	17671	5	12,300	-25,312	-14,497	-0,001	0,001
EmbeddedBeamRow_2_1	17671	1	12,300	-25,312	-14,497	-0,001	0,001
Element 2-44 (Embedded beam row)	17672	2	12,300	-25,643	-12,295	-0,001	0,001
(palo 1500)	17673	3	12,300	-25,975	-9,554	-0,001	0,001
	17674	4	12,300	-26,307	-7,202	-0,001	0,001
	17675	5	12,300	-26,638	-5,609	-0,001	0,001
EmbeddedBeamRow_2_1	17675	1	12,300	-26,638	-5,609	-0,001	0,001
Element 2-45 (Embedded beam row)	17676	2	12,300	-26,979	-4,790	-0,001	0,001
(palo 1500)	17677	3	12,300	-27,319	-4,924	-0,001	0,001
	17678	4	12,300	-27,660	-5,905	-0,001	0,001
	17679	5	12,300	-28,000	-7,187	-0,001	0,001
EmbeddedBeamRow_2_1	17679	1	12,300	-28,000	-7,187	-0,001	0,001
Element 2-46 (Embedded beam row)	17680	2	12,300	-28,673	-6,399	-0,001	0,001
(palo 1500)	17681	3	12,300	-29,345	-7,886	-0,001	0,001
	17682	4	12,300	-30,018	8,720	-0,001	0,001
	17683	5	12,300	-30,690	145,346	-0,001	0,001

3.3.1.2.1.10 Calculation results, Embedded beam row, Versante - fase B [Phase_10] (10/146), Table of relative total displacements

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
EmbeddedBeamRow_1_1	17498	1	4,500	-6,690	0,000	0,000	0,000
Element 1-1 (Embedded beam row)	17499	2	4,500	-6,693	2,013	0,846	0,000
(palo 1500)	17500	3	4,500	-6,695	2,840	1,764	0,000
	17501	4	4,500	-6,698	1,521	2,576	0,000
	17502	5	4,500	-6,701	-1,870	3,399	0,000
EmbeddedBeamRow_1_1	17502	1	4,500	-6,701	-1,870	3,399	0,000
Element 1-2 (Embedded beam row)	17503	2	4,500	-6,766	-144,909	3,709	0,000
(palo 1500)	17504	3	4,500	-6,832	-247,617	-15,560	0,000
	17505	4	4,500	-6,897	-292,034	-31,887	0,000
	17506	5	4,500	-6,963	-317,268	-47,971	0,000
EmbeddedBeamRow_1_1	17506	1	4,500	-6,963	-317,268	-47,971	0,000
Element 1-3 (Embedded beam row)	17507	2	4,500	-7,040	-340,629	-63,965	0,000
(palo 1500)	17508	3	4,500	-7,118	-357,004	-78,078	0,000
	17509	4	4,500	-7,195	-368,001	-90,916	0,000
	17510	5	4,500	-7,272	-376,005	-103,828	0,000
EmbeddedBeamRow_1_1	17510	1	4,500	-7,272	-376,005	-103,828	0,000
Element 1-4 (Embedded beam row)	17511	2	4,500	-7,364	-381,668	-117,269	0,000
(palo 1500)	17512	3	4,500	-7,455	-384,886	-130,100	0,000
	17513	4	4,500	-7,546	-386,259	-142,287	0,000
	17514	5	4,500	-7,638	-386,268	-153,821	0,000
EmbeddedBeamRow_1_1	17514	1	4,500	-7,638	-386,268	-153,821	0,000
Element 1-5 (Embedded beam row)	17515	2	4,500	-7,745	-384,916	-166,634	0,000
(palo 1500)	17516	3	4,500	-7,853	-382,391	-178,624	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
	17517	4	4,500	-7,961	-378,906	-189,830	0,000
	17518	5	4,500	-8,068	-374,615	-200,301	0,000
EmbeddedBeamRow_1_1	17518	1	4,500	-8,068	-374,615	-200,301	0,000
Element 1-6 (Embedded beam row)	17519	2	4,500	-8,195	-368,644	-211,754	0,000
(palo 1500)	17520	3	4,500	-8,322	-361,779	-222,306	0,000
	17521	4	4,500	-8,449	-354,065	-232,026	0,000
	17522	5	4,500	-8,576	-345,543	-240,995	0,000
EmbeddedBeamRow_1_1	17522	1	4,500	-8,576	-345,543	-240,995	0,000
Element 1-7 (Embedded beam row)	17523	2	4,500	-8,726	-334,471	-250,723	0,000
(palo 1500)	17524	3	4,500	-8,876	-322,333	-259,653	0,000
	17525	4	4,500	-9,026	-309,135	-267,906	0,000
	17526	5	4,500	-9,176	-294,929	-275,620	0,000
EmbeddedBeamRow_1_1	17526	1	4,500	-9,176	-294,929	-275,620	0,000
Element 1-8 (Embedded beam row)	17527	2	4,500	-9,352	-276,880	-284,209	0,000
(palo 1500)	17528	3	4,500	-9,529	-257,596	-292,415	0,000
	17529	4	4,500	-9,706	-237,113	-300,524	0,000
	17530	5	4,500	-9,883	-215,731	-308,621	0,000
EmbeddedBeamRow_1_1	17530	1	4,500	-9,883	-215,731	-308,621	0,000
Element 1-9 (Embedded beam row)	17531	2	4,500	-10,091	-189,430	-318,161	0,000
(palo 1500)	17532	3	4,500	-10,300	-162,341	-327,852	0,000
	17533	4	4,500	-10,508	-134,773	-337,768	0,000
	17534	5	4,500	-10,717	-107,064	-347,940	0,000
EmbeddedBeamRow_1_1	17534	1	4,500	-10,717	-107,064	-347,940	0,000
Element 1-10 (Embedded beam row)	17535	2	4,500	-10,963	-74,578	-360,237	0,000
(palo 1500)	17536	3	4,500	-11,209	-42,739	-372,802	0,000
	17537	4	4,500	-11,455	-11,834	-385,432	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
	17538	5	4,500	-11,701	18,231	-397,687	0,000
EmbeddedBeamRow_1_1	17538	1	4,500	-11,701	18,231	-397,687	0,000
Element 1-11 (Embedded beam row)	17539	2	4,500	-11,952	45,886	-406,337	0,000
(palo 1500)	17540	3	4,500	-12,203	70,273	-415,686	0,000
	17541	4	4,500	-12,454	91,875	-425,158	0,000
	17542	5	4,500	-12,705	110,885	-434,426	0,000
EmbeddedBeamRow_1_1	17542	1	4,500	-12,705	110,885	-434,426	0,000
Element 1-12 (Embedded beam row)	17543	2	4,500	-12,962	127,626	-443,606	0,000
(palo 1500)	17544	3	4,500	-13,218	141,743	-452,314	0,000
	17545	4	4,500	-13,475	153,296	-460,417	0,000
	17546	5	4,500	-13,732	162,442	-467,815	0,000
EmbeddedBeamRow_1_1	17546	1	4,500	-13,732	162,442	-467,815	0,000
Element 1-13 (Embedded beam row)	17547	2	4,500	-13,994	169,415	-474,548	0,001
(palo 1500)	17548	3	4,500	-14,257	174,189	-480,369	0,001
	17549	4	4,500	-14,519	176,904	-485,206	0,001
	17550	5	4,500	-14,781	177,785	-489,016	0,001
EmbeddedBeamRow_1_1	17550	1	4,500	-14,781	177,785	-489,016	0,001
Element 1-14 (Embedded beam row)	17551	2	4,500	-15,050	176,971	-491,808	0,001
(palo 1500)	17552	3	4,500	-15,318	174,663	-493,460	0,001
	17553	4	4,500	-15,586	171,044	-493,941	0,001
	17554	5	4,500	-15,855	166,341	-493,247	0,001
EmbeddedBeamRow_1_1	17554	1	4,500	-15,855	166,341	-493,247	0,001
Element 1-15 (Embedded beam row)	17555	2	4,500	-16,129	160,603	-491,314	0,001
(palo 1500)	17556	3	4,500	-16,403	154,098	-488,115	0,001
	17557	4	4,500	-16,678	146,969	-483,607	0,001
	17558	5	4,500	-16,952	139,614	-477,796	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
EmbeddedBeamRow_1_1	17558	1	4,500	-16,952	139,614	-477,796	0,000
Element 1-16 (Embedded beam row)	17559	2	4,500	-17,232	132,116	-470,687	0,000
(palo 1500)	17560	3	4,500	-17,513	124,723	-462,427	0,000
	17561	4	4,500	-17,793	117,579	-453,017	0,000
	17562	5	4,500	-18,074	110,815	-442,500	0,000
EmbeddedBeamRow_1_1	17562	1	4,500	-18,074	110,815	-442,500	0,000
Element 1-17 (Embedded beam row)	17563	2	4,500	-18,360	104,432	-430,642	0,000
(palo 1500)	17564	3	4,500	-18,647	98,673	-417,735	0,000
	17565	4	4,500	-18,934	93,615	-403,828	0,000
	17566	5	4,500	-19,221	89,280	-389,008	0,000
EmbeddedBeamRow_1_1	17566	1	4,500	-19,221	89,280	-389,008	0,000
Element 1-18 (Embedded beam row)	17567	2	4,500	-19,514	85,606	-372,968	0,000
(palo 1500)	17568	3	4,500	-19,807	82,678	-356,092	0,000
	17569	4	4,500	-20,100	80,539	-338,475	0,000
	17570	5	4,500	-20,393	79,173	-320,254	0,000
EmbeddedBeamRow_1_1	17570	1	4,500	-20,393	79,173	-320,254	0,000
Element 1-19 (Embedded beam row)	17571	2	4,500	-20,693	78,516	-301,120	0,000
(palo 1500)	17572	3	4,500	-20,992	78,490	-281,524	0,000
	17573	4	4,500	-21,292	78,876	-261,485	0,000
	17574	5	4,500	-21,592	79,429	-241,004	0,000
EmbeddedBeamRow_1_1	17574	1	4,500	-21,592	79,429	-241,004	0,000
Element 1-20 (Embedded beam row)	17575	2	4,500	-21,898	79,986	-219,594	0,000
(palo 1500)	17576	3	4,500	-22,205	80,335	-197,666	0,000
	17577	4	4,500	-22,511	80,330	-175,167	0,000
	17578	5	4,500	-22,817	79,882	-152,073	0,000
EmbeddedBeamRow_1_1	17578	1	4,500	-22,817	79,882	-152,073	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
Element 1-21 (Embedded beam row)	17579	2	4,500	-23,131	78,856	-127,788	0,000
(palo 1500)	17580	3	4,500	-23,444	77,213	-102,809	0,000
	17581	4	4,500	-23,757	74,885	-77,099	0,000
	17582	5	4,500	-24,070	71,848	-50,658	0,000
EmbeddedBeamRow_1_1	17582	1	4,500	-24,070	71,848	-50,658	0,000
Element 1-22 (Embedded beam row)	17583	2	4,500	-24,391	67,956	-22,855	0,000
(palo 1500)	17584	3	4,500	-24,711	63,253	5,714	0,000
	17585	4	4,500	-25,031	57,672	35,050	0,000
	17586	5	4,500	-25,351	51,186	65,129	0,000
EmbeddedBeamRow_1_1	17586	1	4,500	-25,351	51,186	65,129	0,000
Element 1-23 (Embedded beam row)	17587	2	4,500	-25,679	43,540	96,634	0,000
(palo 1500)	17588	3	4,500	-26,006	34,814	128,868	0,000
	17589	4	4,500	-26,334	24,899	161,813	0,000
	17590	5	4,500	-26,661	13,724	195,426	0,000
EmbeddedBeamRow_1_1	17590	1	4,500	-26,661	13,724	195,426	0,000
Element 1-24 (Embedded beam row)	17591	2	4,500	-26,996	0,870	230,402	0,000
(palo 1500)	17592	3	4,500	-27,331	-13,525	265,981	0,000
	17593	4	4,500	-27,665	-29,639	302,080	0,000
	17594	5	4,500	-28,000	-47,663	338,506	0,000
EmbeddedBeamRow_1_1	17594	1	4,500	-28,000	-47,663	338,506	0,000
Element 1-25 (Embedded beam row)	17595	2	4,500	-28,673	-90,820	409,867	0,000
(palo 1500)	17596	3	4,500	-29,345	-143,083	484,408	0,001
	17597	4	4,500	-30,018	-209,085	535,864	0,001
	17598	5	4,500	-30,690	-292,086	485,186	0,001
EmbeddedBeamRow_2_1	17599	1	12,300	-6,690	0,000	0,000	0,000
Element 2-26 (Embedded beam row)	17600	2	12,300	-6,816	33,748	-13,123	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
(palo 1500)	17601	3	12,300	-6,942	45,449	-21,880	0,000
	17602	4	12,300	-7,068	51,591	-27,287	0,000
	17603	5	12,300	-7,194	55,219	-31,944	0,000
EmbeddedBeamRow_2_1	17603	1	12,300	-7,194	55,219	-31,944	0,000
Element 2-27 (Embedded beam row)	17604	2	12,300	-7,364	56,273	-37,023	0,000
(palo 1500)	17605	3	12,300	-7,534	54,208	-41,034	0,000
	17606	4	12,300	-7,704	49,696	-44,280	0,000
	17607	5	12,300	-7,874	43,188	-47,006	0,000
EmbeddedBeamRow_2_1	17607	1	12,300	-7,874	43,188	-47,006	0,000
Element 2-28 (Embedded beam row)	17608	2	12,300	-8,103	31,832	-50,012	0,000
(palo 1500)	17609	3	12,300	-8,332	17,808	-52,575	0,000
	17610	4	12,300	-8,561	1,689	-54,798	0,000
	17611	5	12,300	-8,790	-15,577	-56,363	0,000
EmbeddedBeamRow_2_1	17611	1	12,300	-8,790	-15,577	-56,363	0,000
Element 2-29 (Embedded beam row)	17612	2	12,300	-9,040	-35,217	-58,509	0,000
(palo 1500)	17613	3	12,300	-9,290	-58,655	-55,336	0,000
	17614	4	12,300	-9,540	-80,709	-48,764	0,000
	17615	5	12,300	-9,790	-97,920	-40,732	0,000
EmbeddedBeamRow_2_1	17615	1	12,300	-9,790	-97,920	-40,732	0,000
Element 2-30 (Embedded beam row)	17616	2	12,300	-10,040	-109,737	-34,527	0,000
(palo 1500)	17617	3	12,300	-10,290	-117,432	-28,224	0,000
	17618	4	12,300	-10,540	-117,653	-21,195	0,000
	17619	5	12,300	-10,790	-110,498	-13,531	0,000
EmbeddedBeamRow_2_1	17619	1	12,300	-10,790	-110,498	-13,531	0,000
Element 2-31 (Embedded beam row)	17620	2	12,300	-11,040	-90,432	-4,855	0,000
(palo 1500)	17621	3	12,300	-11,290	-53,181	6,032	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
	17622	4	12,300	-11,540	-4,267	17,970	0,000
	17623	5	12,300	-11,790	42,022	28,109	0,000
EmbeddedBeamRow_2_1	17623	1	12,300	-11,790	42,022	28,109	0,000
Element 2-32 (Embedded beam row)	17624	2	12,300	-12,040	76,044	34,741	0,000
(palo 1500)	17625	3	12,300	-12,290	95,750	37,051	0,000
	17626	4	12,300	-12,540	105,179	35,816	0,000
	17627	5	12,300	-12,790	110,277	32,145	0,000
EmbeddedBeamRow_2_1	17627	1	12,300	-12,790	110,277	32,145	0,000
Element 2-33 (Embedded beam row)	17628	2	12,300	-13,040	115,354	27,822	0,000
(palo 1500)	17629	3	12,300	-13,290	120,316	22,573	0,000
	17630	4	12,300	-13,540	125,145	15,778	0,000
	17631	5	12,300	-13,790	141,353	8,395	0,000
EmbeddedBeamRow_2_1	17631	1	12,300	-13,790	141,353	8,395	0,000
Element 2-34 (Embedded beam row)	17632	2	12,300	-14,045	143,826	3,982	0,000
(palo 1500)	17633	3	12,300	-14,301	144,792	-1,024	0,000
	17634	4	12,300	-14,556	144,893	-6,017	0,000
	17635	5	12,300	-14,811	144,206	-10,641	0,000
EmbeddedBeamRow_2_1	17635	1	12,300	-14,811	144,206	-10,641	0,000
Element 2-35 (Embedded beam row)	17636	2	12,300	-15,074	142,735	-15,409	0,000
(palo 1500)	17637	3	12,300	-15,336	140,553	-20,066	0,000
	17638	4	12,300	-15,598	137,778	-24,537	0,000
	17639	5	12,300	-15,860	134,385	-28,743	0,000
EmbeddedBeamRow_2_1	17639	1	12,300	-15,860	134,385	-28,743	0,000
Element 2-36 (Embedded beam row)	17640	2	12,300	-16,129	130,560	-32,913	0,000
(palo 1500)	17641	3	12,300	-16,398	126,316	-36,815	0,000
	17642	4	12,300	-16,667	121,753	-40,467	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
	17643	5	12,300	-16,936	117,000	-43,922	0,000
EmbeddedBeamRow_2_1	17643	1	12,300	-16,936	117,000	-43,922	0,000
Element 2-37 (Embedded beam row)	17644	2	12,300	-17,212	111,881	-47,185	0,000
(palo 1500)	17645	3	12,300	-17,488	106,601	-50,226	0,000
	17646	4	12,300	-17,765	101,268	-53,067	0,000
	17647	5	12,300	-18,041	95,988	-55,687	0,000
EmbeddedBeamRow_2_1	17647	1	12,300	-18,041	95,988	-55,687	0,000
Element 2-38 (Embedded beam row)	17648	2	12,300	-18,324	90,685	-58,180	0,000
(palo 1500)	17649	3	12,300	-18,608	85,539	-60,488	0,000
	17650	4	12,300	-18,891	80,598	-62,610	0,000
	17651	5	12,300	-19,175	75,898	-64,545	0,000
EmbeddedBeamRow_2_1	17651	1	12,300	-19,175	75,898	-64,545	0,000
Element 2-39 (Embedded beam row)	17652	2	12,300	-19,466	71,362	-66,336	0,000
(palo 1500)	17653	3	12,300	-19,757	67,131	-67,922	0,000
	17654	4	12,300	-20,048	63,217	-69,298	0,000
	17655	5	12,300	-20,339	59,606	-70,461	0,000
EmbeddedBeamRow_2_1	17655	1	12,300	-20,339	59,606	-70,461	0,000
Element 2-40 (Embedded beam row)	17656	2	12,300	-20,638	56,201	-71,423	0,000
(palo 1500)	17657	3	12,300	-20,936	53,082	-72,144	0,000
	17658	4	12,300	-21,235	50,232	-72,613	0,000
	17659	5	12,300	-21,534	47,621	-72,828	0,000
EmbeddedBeamRow_2_1	17659	1	12,300	-21,534	47,621	-72,828	0,000
Element 2-41 (Embedded beam row)	17660	2	12,300	-21,840	45,161	-72,775	0,000
(palo 1500)	17661	3	12,300	-22,147	42,884	-72,443	0,000
	17662	4	12,300	-22,454	40,755	-71,822	0,000
	17663	5	12,300	-22,760	38,727	-70,909	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
EmbeddedBeamRow_2_1	17663	1	12,300	-22,760	38,727	-70,909	0,000
Element 2-42 (Embedded beam row)	17664	2	12,300	-23,075	36,704	-69,659	0,000
(palo 1500)	17665	3	12,300	-23,390	34,690	-68,089	0,000
	17666	4	12,300	-23,705	32,628	-66,188	0,000
	17667	5	12,300	-24,019	30,465	-63,955	0,000
EmbeddedBeamRow_2_1	17667	1	12,300	-24,019	30,465	-63,955	0,000
Element 2-43 (Embedded beam row)	17668	2	12,300	-24,342	28,075	-61,306	0,000
(palo 1500)	17669	3	12,300	-24,665	25,455	-58,295	0,000
	17670	4	12,300	-24,989	22,527	-54,910	0,000
	17671	5	12,300	-25,312	19,235	-51,152	0,000
EmbeddedBeamRow_2_1	17671	1	12,300	-25,312	19,235	-51,152	0,000
Element 2-44 (Embedded beam row)	17672	2	12,300	-25,643	15,397	-46,899	0,000
(palo 1500)	17673	3	12,300	-25,975	11,014	-42,250	0,000
	17674	4	12,300	-26,307	5,957	-37,194	0,000
	17675	5	12,300	-26,638	0,108	-31,733	0,000
EmbeddedBeamRow_2_1	17675	1	12,300	-26,638	0,108	-31,733	0,000
Element 2-45 (Embedded beam row)	17676	2	12,300	-26,979	-6,882	-25,721	0,000
(palo 1500)	17677	3	12,300	-27,319	-14,989	-19,274	0,000
	17678	4	12,300	-27,660	-24,348	-12,402	0,000
	17679	5	12,300	-28,000	-35,081	-5,149	0,000
EmbeddedBeamRow_2_1	17679	1	12,300	-28,000	-35,081	-5,149	0,000
Element 2-46 (Embedded beam row)	17680	2	12,300	-28,673	-61,527	10,446	0,000
(palo 1500)	17681	3	12,300	-29,345	-95,189	28,369	0,000
	17682	4	12,300	-30,018	-138,017	45,852	0,000
	17683	5	12,300	-30,690	-193,957	55,081	0,000

3.3.2.1.9 Calculation results, Embedded beam row, plinto + pali [Phase_8] (8/141), Table of embedded pile row force envelopes

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T---+-- [kN/m/m]	T---+--	N-- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
EmbeddedBeamRow_1_1	17498	1	4,500	-6,690	-166,614	5,142	-24,452	0,000	0,000	46,667	0,000	-166,614	0,000	0,000	5,142	-24,452	0,000
Element 1-1 (Embedded beam row)	17499	2	4,500	-6,693	-166,625	5,142	-24,438	-0,004	-0,019	46,667	0,000	-166,625	0,000	0,000	5,142	-24,438	0,000
(palo 1500)	17500	3	4,500	-6,695	-166,635	5,142	-24,424	-0,008	-0,039	46,667	0,000	-166,635	0,000	0,000	5,142	-24,424	0,000
	17501	4	4,500	-6,698	-166,646	5,142	-24,410	-0,011	-0,062	46,667	0,000	-166,646	0,000	0,000	5,142	-24,410	0,000
	17502	5	4,500	-6,701	-166,656	5,142	-24,397	-0,013	-0,087	46,667	0,000	-166,656	0,000	0,000	5,142	-24,397	0,000
EmbeddedBeamRow_1_1	17502	1	4,500	-6,701	-166,657	5,145	-24,397	-0,011	-0,067	46,667	0,000	-166,657	0,000	0,000	5,145	-24,397	0,000
Element 1-2 (Embedded beam row)	17503	2	4,500	-6,766	-166,911	5,130	-24,060	0,090	-0,242	46,667	0,002	-166,911	0,000	0,000	5,130	-24,060	0,000
(palo 1500)	17504	3	4,500	-6,832	-167,160	5,113	-23,724	0,168	-0,276	46,667	0,004	-167,160	0,000	0,000	5,113	-23,724	0,000
	17505	4	4,500	-6,897	-167,405	5,094	-23,389	0,233	-0,295	46,667	0,005	-167,405	0,000	0,000	5,094	-23,389	0,000
	17506	5	4,500	-6,963	-167,645	5,074	-23,056	0,289	-0,314	46,667	0,006	-167,645	0,000	0,000	5,074	-23,056	0,000
EmbeddedBeamRow_1_1	17506	1	4,500	-6,963	-167,645	5,074	-23,056	0,290	-0,316	46,667	0,006	-167,645	0,000	0,000	5,074	-23,056	0,000
Element 1-3 (Embedded beam row)	17507	2	4,500	-7,040	-167,924	5,049	-22,664	0,353	-0,336	46,667	0,008	-167,924	0,000	0,000	5,049	-22,664	0,000
(palo 1500)	17508	3	4,500	-7,118	-168,198	5,022	-22,274	0,411	-0,352	46,667	0,009	-168,198	0,000	0,000	5,022	-22,274	0,000
	17509	4	4,500	-7,195	-168,468	4,995	-21,887	0,466	-0,366	46,667	0,010	-168,468	0,000	0,000	4,995	-21,887	0,000
	17510	5	4,500	-7,272	-168,734	4,966	-21,502	0,518	-0,377	46,667	0,011	-168,734	0,000	0,000	4,966	-21,502	0,000
EmbeddedBeamRow_1_1	17510	1	4,500	-7,272	-168,734	4,966	-21,502	0,518	-0,377	46,667	0,011	-168,734	0,000	0,000	4,966	-21,502	0,000
Element 1-4 (Embedded beam row)	17511	2	4,500	-7,364	-169,042	4,931	-21,050	0,576	-0,389	46,667	0,012	-169,042	0,000	0,000	4,931	-21,050	0,000
(palo 1500)	17512	3	4,500	-7,455	-169,346	4,895	-20,602	0,632	-0,399	46,667	0,014	-169,346	0,000	0,000	4,895	-20,602	0,000
	17513	4	4,500	-7,546	-169,644	4,858	-20,156	0,686	-0,407	46,667	0,015	-169,644	0,000	0,000	4,858	-20,156	0,000
	17514	5	4,500	-7,638	-169,937	4,821	-19,715	0,740	-0,415	46,667	0,016	-169,937	0,000	0,000	4,821	-19,715	0,000
EmbeddedBeamRow_1_1	17514	1	4,500	-7,638	-169,937	4,821	-19,715	0,740	-0,415	46,667	0,016	-169,937	0,000	0,000	4,821	-19,715	0,000
Element 1-5 (Embedded beam row)	17515	2	4,500	-7,745	-170,277	4,775	-19,198	0,801	-0,423	46,667	0,017	-170,277	0,000	0,000	4,775	-19,198	0,000
(palo 1500)	17516	3	4,500	-7,853	-170,610	4,729	-18,686	0,860	-0,431	46,667	0,018	-170,610	0,000	0,000	4,729	-18,686	0,000
	17517	4	4,500	-7,961	-170,938	4,683	-18,180	0,919	-0,437	46,667	0,020	-170,938	0,000	0,000	4,683	-18,180	0,000
	17518	5	4,500	-8,068	-171,258	4,635	-17,678	0,976	-0,443	46,667	0,021	-171,258	0,000	0,000	4,635	-17,678	0,000
EmbeddedBeamRow_1_1	17518	1	4,500	-8,068	-171,258	4,635	-17,678	0,977	-0,443	46,667	0,021	-171,258	0,000	0,000	4,635	-17,678	0,000
Element 1-6 (Embedded beam row)	17519	2	4,500	-8,195	-171,629	4,579	-17,093	1,043	-0,449	46,667	0,022	-171,629	0,000	0,000	4,579	-17,093	0,000
(palo 1500)	17520	3	4,500	-8,322	-171,991	4,521	-16,515	1,109	-0,454	46,667	0,024	-171,991	0,000	0,000	4,521	-16,515	0,000
	17521	4	4,500	-8,449	-172,345	4,463	-15,944	1,173	-0,459	46,667	0,025	-172,345	0,000	0,000	4,463	-15,944	0,000
	17522	5	4,500	-8,576	-172,690	4,405	-15,381	1,236	-0,462	46,667	0,026	-172,690	0,000	0,000	4,405	-15,381	0,000
EmbeddedBeamRow_1_1	17522	1	4,500	-8,576	-172,691	4,405	-15,381	1,236	-0,462	46,667	0,026	-172,691	0,000	0,000	4,405	-15,381	0,000
Element 1-7 (Embedded beam row)	17523	2	4,500	-8,726	-173,088	4,335	-14,726	1,308	-0,466	46,667	0,028	-173,088	0,000	0,000	4,335	-14,726	0,000

Structural element	Node [10⁻³]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T,,,, [kN/m/m]	T,,, [kN/m/m]	T,,,,,,, [kN/m/m]	T,,,,,,,	N,,,, [kN/m]	N,,, [kN/m]	Q,,, [kN/m]	Q,,, [kN/m]	M,,, [kN m/m]	M,,, [kN m/m]
(palo 1500)	17524	3	4,500	-8,876	-173,475	4,265	-14,082	1,378	-0,468	46,667	0,030	-173,475	0,000	0,000	4,265	-14,082	0,000
	17525	4	4,500	-9,026	-173,852	4,195	-13,448	1,447	-0,470	46,667	0,031	-173,852	0,000	0,000	4,195	-13,448	0,000
	17526	5	4,500	-9,176	-174,219	4,124	-12,825	1,513	-0,472	46,667	0,032	-174,219	0,000	0,000	4,124	-12,825	0,000
EmbeddedBeamRow_1_1	17526	1	4,500	-9,176	-174,220	4,125	-12,825	1,502	-0,468	46,667	0,032	-174,220	0,000	0,000	4,125	-12,825	0,000
Element 1-8 (Embedded beam row)	17527	2	4,500	-9,352	-174,639	4,041	-12,103	1,585	-0,471	46,667	0,034	-174,639	0,000	0,000	4,041	-12,103	0,000
(palo 1500)	17528	3	4,500	-9,529	-175,048	3,958	-11,396	1,645	-0,467	46,667	0,035	-175,048	0,000	0,000	3,958	-11,396	0,000
	17529	4	4,500	-9,706	-175,447	3,876	-10,704	1,696	-0,463	46,667	0,036	-175,447	0,000	0,000	3,876	-10,704	0,000
	17530	5	4,500	-9,883	-175,836	3,795	-10,026	1,760	-0,464	46,667	0,038	-175,836	0,000	0,000	3,795	-10,026	0,000
EmbeddedBeamRow_1_1	17530	1	4,500	-9,883	-175,836	3,794	-10,026	1,767	-0,466	46,667	0,038	-175,836	0,000	0,000	3,794	-10,026	0,000
Element 1-9 (Embedded beam row)	17531	2	4,500	-10,091	-176,277	3,697	-9,245	1,858	-0,471	46,667	0,040	-176,277	0,000	0,000	3,697	-9,245	0,000
(palo 1500)	17532	3	4,500	-10,300	-176,698	3,598	-8,484	1,955	-0,478	46,667	0,042	-176,698	0,000	0,000	3,598	-8,484	0,000
	17533	4	4,500	-10,508	-177,099	3,498	-7,744	2,055	-0,485	46,667	0,044	-177,099	0,000	0,000	3,498	-7,744	0,000
	17534	5	4,500	-10,717	-177,479	3,396	-7,026	2,156	-0,493	46,667	0,046	-177,479	0,000	0,000	3,396	-7,026	0,000
EmbeddedBeamRow_1_1	17534	1	4,500	-10,717	-177,479	3,396	-7,026	2,155	-0,492	46,667	0,046	-177,479	0,000	0,000	3,396	-7,026	0,000
Element 1-10 (Embedded beam row)	17535	2	4,500	-10,963	-177,900	3,273	-6,206	2,272	-0,501	46,667	0,049	-177,900	0,000	0,000	3,273	-6,206	0,000
(palo 1500)	17536	3	4,500	-11,209	-178,293	3,149	-5,416	2,389	-0,508	46,667	0,051	-178,293	0,000	0,000	3,149	-5,448	0,000
	17537	4	4,500	-11,455	-178,658	3,024	-4,656	2,502	-0,513	46,667	0,054	-178,658	0,000	0,000	3,024	-4,728	0,000
	17538	5	4,500	-11,701	-178,994	2,897	-3,928	2,607	-0,513	46,667	0,056	-178,994	0,000	0,000	2,897	-4,037	0,000
EmbeddedBeamRow_1_1	17538	1	4,500	-11,701	-178,994	2,896	-3,928	4,276	-0,842	46,667	0,092	-178,994	0,000	0,000	2,896	-4,037	0,000
Element 1-11 (Embedded beam row)	17539	2	4,500	-11,952	-178,897	2,696	-3,227	4,359	-0,772	46,667	0,093	-178,897	0,000	0,000	2,696	-3,370	0,000
(palo 1500)	17540	3	4,500	-12,203	-178,777	2,509	-2,573	4,450	-0,716	46,667	0,095	-178,777	0,000	0,000	2,509	-2,749	0,000
	17541	4	4,500	-12,454	-178,634	2,335	-1,965	4,543	-0,665	46,667	0,097	-178,634	0,000	0,000	2,335	-2,171	0,000
	17542	5	4,500	-12,705	-178,468	2,175	-1,400	4,637	-0,618	46,667	0,099	-178,468	0,000	0,000	2,175	-1,632	0,000
EmbeddedBeamRow_1_1	17542	1	4,500	-12,705	-178,468	2,174	-1,400	4,635	-0,618	46,667	0,099	-178,468	0,000	0,000	2,174	-1,632	0,000
Element 1-12 (Embedded beam row)	17543	2	4,500	-12,962	-178,274	2,022	-0,862	4,733	-0,573	46,667	0,101	-178,274	0,000	0,000	2,022	-1,120	0,000
(palo 1500)	17544	3	4,500	-13,218	-178,054	1,880	-0,381	4,832	-0,530	46,667	0,104	-178,054	0,000	0,000	1,880	-0,743	0,000
	17545	4	4,500	-13,475	-177,809	1,749	0,105	4,932	-0,490	46,667	0,106	-177,809	0,000	0,000	1,749	-0,508	0,105
	17546	5	4,500	-13,732	-177,538	1,629	0,538	5,034	-0,451	46,667	0,108	-177,538	0,000	0,000	1,629	-0,290	0,538
EmbeddedBeamRow_1_1	17546	1	4,500	-13,732	-177,537	1,628	0,538	5,034	-0,451	46,667	0,108	-177,537	0,000	0,000	1,628	-0,290	0,538
Element 1-13 (Embedded beam row)	17547	2	4,500	-13,994	-177,233	1,515	0,950	5,142	-0,414	46,667	0,110	-177,233	0,000	0,000	1,515	-0,082	0,950
(palo 1500)	17548	3	4,500	-14,257	-176,900	1,411	1,334	5,251	-0,380	46,667	0,113	-176,900	0,000	0,000	1,411	0,000	1,334
	17549	4	4,500	-14,519	-176,538	1,315	1,691	5,362	-0,347	46,667	0,115	-176,538	0,000	0,000	1,315	0,000	1,691
	17550	5	4,500	-14,781	-176,147	1,228	2,025	5,474	-0,317	46,667	0,117	-176,147	0,000	0,000	1,228	0,000	2,025
EmbeddedBeamRow_1_1	17550	1	4,500	-14,781	-176,147	1,228	2,025	5,474	-0,317	46,667	0,117	-176,147	0,000	0,000	1,228	0,000	2,025
Element 1-14 (Embedded beam row)	17551	2	4,500	-15,050	-175,716	1,147	2,343	5,592	-0,289	46,667	0,120	-175,716	0,000	0,000	1,147	0,000	2,343
(palo 1500)	17552	3	4,500	-15,318	-175,253	1,073	2,641	5,711	-0,263	46,667	0,122	-175,253	0,000	0,000	1,073	0,000	2,641

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
	17553	4	4,500	-15,586	-174,758	1,005	2,920	5,831	-0,240	46,667	0,125	-174,758	0,000	0,000	1,005	0,000	2,920
	17554	5	4,500	-15,855	-174,232	0,944	3,181	5,951	-0,220	46,667	0,128	-174,232	0,000	0,000	0,944	0,000	3,181
EmbeddedBeamRow_1_1	17554	1	4,500	-15,855	-174,232	0,943	3,181	5,952	-0,220	46,667	0,128	-174,232	0,000	0,000	0,943	0,000	3,181
Element 1-15 (Embedded beam row)	17555	2	4,500	-16,129	-173,659	0,886	3,432	6,075	-0,203	46,667	0,130	-173,659	0,000	0,000	0,886	0,000	3,432
(palo 1500)	17556	3	4,500	-16,403	-173,053	0,832	3,667	6,198	-0,190	46,667	0,133	-173,053	0,000	0,000	0,832	0,000	3,667
	17557	4	4,500	-16,678	-172,413	0,781	3,889	6,319	-0,184	46,667	0,135	-172,413	0,000	0,000	0,781	0,000	3,889
	17558	5	4,500	-16,952	-171,741	0,732	4,096	6,436	-0,184	46,667	0,138	-171,741	0,000	0,000	0,732	0,000	4,096
EmbeddedBeamRow_1_1	17558	1	4,500	-16,952	-171,741	0,731	4,096	6,436	-0,184	46,667	0,138	-171,741	0,000	0,000	0,731	0,000	4,096
Element 1-16 (Embedded beam row)	17559	2	4,500	-17,232	-171,021	0,679	4,294	6,551	-0,187	46,667	0,140	-171,021	0,000	0,000	0,679	0,000	4,294
(palo 1500)	17560	3	4,500	-17,513	-170,269	0,626	4,477	6,665	-0,191	46,667	0,143	-170,269	0,000	0,000	0,626	0,000	4,477
	17561	4	4,500	-17,793	-169,485	0,572	4,645	6,778	-0,196	46,667	0,145	-169,485	0,000	0,000	0,572	0,000	4,645
	17562	5	4,500	-18,074	-168,670	0,516	4,797	6,892	-0,198	46,667	0,148	-168,670	0,000	0,000	0,516	0,000	4,797
EmbeddedBeamRow_1_1	17562	1	4,500	-18,074	-168,670	0,517	4,797	6,891	-0,198	46,667	0,148	-168,670	0,000	0,000	0,517	0,000	4,797
Element 1-17 (Embedded beam row)	17563	2	4,500	-18,360	-167,804	0,459	4,937	7,007	-0,200	46,667	0,150	-167,804	0,000	0,000	0,459	0,000	4,937
(palo 1500)	17564	3	4,500	-18,647	-166,904	0,402	5,060	7,124	-0,200	46,667	0,153	-166,904	0,000	0,000	0,402	0,000	5,060
	17565	4	4,500	-18,934	-165,970	0,345	5,167	7,242	-0,197	46,667	0,155	-165,970	0,000	0,000	0,345	0,000	5,167
	17566	5	4,500	-19,221	-165,003	0,289	5,258	7,363	-0,194	46,667	0,158	-165,003	0,000	0,000	0,289	0,000	5,258
EmbeddedBeamRow_1_1	17566	1	4,500	-19,221	-165,001	0,289	5,258	7,362	-0,194	46,667	0,158	-165,001	0,000	0,000	0,289	0,000	5,258
Element 1-18 (Embedded beam row)	17567	2	4,500	-19,514	-163,978	0,232	5,335	7,489	-0,191	46,667	0,160	-163,978	0,000	0,000	0,232	0,000	5,335
(palo 1500)	17568	3	4,500	-19,807	-162,913	0,177	5,395	7,624	-0,187	46,667	0,163	-162,913	0,000	0,000	0,177	0,000	5,395
	17569	4	4,500	-20,100	-161,808	0,123	5,439	7,770	-0,181	46,667	0,166	-161,808	0,000	-0,005	0,123	0,000	5,439
	17570	5	4,500	-20,393	-160,661	0,071	5,467	7,927	-0,174	46,667	0,170	-160,661	0,000	-0,032	0,071	0,000	5,467
EmbeddedBeamRow_1_1	17570	1	4,500	-20,393	-160,659	0,071	5,467	7,929	-0,174	46,667	0,170	-160,659	0,000	-0,032	0,071	0,000	5,467
Element 1-19 (Embedded beam row)	17571	2	4,500	-20,693	-159,434	0,020	5,481	8,105	-0,167	46,667	0,174	-159,434	0,000	-0,058	0,020	0,000	5,481
(palo 1500)	17572	3	4,500	-20,992	-158,155	-0,029	5,479	8,282	-0,160	46,667	0,177	-158,155	0,000	-0,083	0,000	0,000	5,479
	17573	4	4,500	-21,292	-156,823	-0,076	5,463	8,458	-0,152	46,667	0,181	-156,823	0,000	-0,106	0,000	0,000	5,463
	17574	5	4,500	-21,592	-155,440	-0,120	5,434	8,634	-0,144	46,667	0,185	-155,440	0,000	-0,127	0,000	0,000	5,434
EmbeddedBeamRow_1_1	17574	1	4,500	-21,592	-155,438	-0,120	5,434	8,634	-0,144	46,667	0,185	-155,438	0,000	-0,127	0,000	0,000	5,434
Element 1-20 (Embedded beam row)	17575	2	4,500	-21,898	-153,970	-0,163	5,391	8,813	-0,137	46,667	0,189	-153,970	0,000	-0,167	0,000	0,000	5,391
(palo 1500)	17576	3	4,500	-22,205	-152,445	-0,204	5,334	8,994	-0,130	46,667	0,193	-152,445	0,000	-0,204	0,000	0,000	5,334
	17577	4	4,500	-22,511	-150,864	-0,243	5,266	9,179	-0,125	46,667	0,197	-150,864	0,000	-0,243	0,000	0,000	5,266
	17578	5	4,500	-22,817	-149,227	-0,280	5,186	9,366	-0,122	46,667	0,201	-149,227	0,000	-0,280	0,000	0,000	5,186
EmbeddedBeamRow_1_1	17578	1	4,500	-22,817	-149,226	-0,281	5,186	9,366	-0,122	46,667	0,201	-149,226	0,000	-0,281	0,000	0,000	5,186
Element 1-21 (Embedded beam row)	17579	2	4,500	-23,131	-147,493	-0,318	5,092	9,561	-0,120	46,667	0,205	-147,493	0,000	-0,318	0,000	0,000	5,092
(palo 1500)	17580	3	4,500	-23,444	-145,697	-0,356	4,986	9,759	-0,121	46,667	0,209	-145,697	0,000	-0,356	0,000	0,000	4,986
	17581	4	4,500	-23,757	-143,838	-0,395	4,869	9,960	-0,125	46,667	0,213	-143,838	0,000	-0,395	0,000	0,000	4,869

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
	17582	5	4,500	-24,070	-141,918	-0,434	4,739	10,165	-0,130	46,667	0,218	-141,918	0,000	-0,434	0,000	0,000	4,739
EmbeddedBeamRow_1_1	17582	1	4,500	-24,070	-141,916	-0,435	4,739	10,165	-0,130	46,667	0,218	-141,916	0,000	-0,435	0,000	0,000	4,739
Element 1-22 (Embedded beam row)	17583	2	4,500	-24,391	-139,886	-0,477	4,593	10,376	-0,137	46,667	0,222	-139,886	0,000	-0,477	0,000	0,000	4,593
(palo 1500)	17584	3	4,500	-24,711	-137,786	-0,522	4,433	10,590	-0,143	46,667	0,227	-137,786	0,000	-0,522	0,000	0,000	4,433
	17585	4	4,500	-25,031	-135,617	-0,569	4,258	10,807	-0,149	46,667	0,232	-135,617	0,000	-0,569	0,000	0,000	4,258
	17586	5	4,500	-25,351	-133,380	-0,617	4,068	11,027	-0,152	46,667	0,236	-133,380	0,000	-0,617	0,000	0,000	4,068
EmbeddedBeamRow_1_1	17586	1	4,500	-25,351	-133,378	-0,617	4,068	11,027	-0,152	46,667	0,236	-133,378	0,000	-0,617	0,000	0,000	4,068
Element 1-23 (Embedded beam row)	17587	2	4,500	-25,679	-131,018	-0,668	3,858	11,255	-0,152	46,667	0,241	-131,018	0,000	-0,668	0,000	0,000	3,858
(palo 1500)	17588	3	4,500	-26,006	-128,580	-0,716	3,632	11,487	-0,148	46,667	0,246	-128,580	0,000	-0,716	0,000	0,000	3,632
	17589	4	4,500	-26,334	-126,065	-0,763	3,389	11,723	-0,138	46,667	0,251	-126,065	0,000	-0,763	0,000	0,000	3,389
	17590	5	4,500	-26,661	-123,475	-0,807	3,132	11,964	-0,122	46,667	0,256	-123,475	0,000	-0,807	0,000	0,000	3,132
EmbeddedBeamRow_1_1	17590	1	4,500	-26,661	-123,473	-0,805	3,132	11,964	-0,122	46,667	0,256	-123,473	0,000	-0,805	0,000	0,000	3,132
Element 1-24 (Embedded beam row)	17591	2	4,500	-26,996	-120,743	-0,844	2,856	12,213	-0,102	46,667	0,262	-120,743	0,000	-0,844	0,000	0,000	2,856
(palo 1500)	17592	3	4,500	-27,331	-117,927	-0,874	2,568	12,464	-0,077	46,667	0,267	-117,927	0,000	-0,874	0,000	0,000	2,568
	17593	4	4,500	-27,665	-115,027	-0,895	2,272	12,714	-0,049	46,667	0,272	-115,027	0,000	-0,895	0,000	0,000	2,272
	17594	5	4,500	-28,000	-112,045	-0,907	1,970	12,961	-0,015	46,667	0,278	-112,045	0,000	-0,907	0,000	0,000	1,970
EmbeddedBeamRow_1_1	17594	1	4,500	-28,000	-112,109	-0,899	1,970	12,957	-0,015	46,667	0,278	-112,109	0,000	-0,899	0,000	0,000	1,970
Element 1-25 (Embedded beam row)	17595	2	4,500	-28,673	-105,754	-0,891	1,366	13,472	0,078	46,667	0,289	-105,754	0,000	-0,891	0,000	0,000	1,366
(palo 1500)	17596	3	4,500	-29,345	-99,233	-0,808	0,787	13,911	0,117	46,667	0,298	-99,233	0,000	-0,808	0,000	0,000	0,787
	17597	4	4,500	-30,018	-92,656	-0,612	0,305	13,639	0,416	46,667	0,292	-92,656	0,000	-0,612	0,000	0,000	0,305
	17598	5	4,500	-30,690	-86,132	-0,263	0,000	11,542	1,884	46,667	0,247	-86,132	0,000	-0,263	0,000	0,000	0,000
EmbeddedBeamRow_2_1	17599	1	12,300	-6,690	-158,645	-2,885	18,842	0,000	0,000	46,667	0,000	-158,645	0,000	-2,885	0,000	0,000	18,842
Element 2-26 (Embedded beam row)	17600	2	12,300	-6,816	-159,115	-2,853	18,481	0,271	0,285	46,667	0,006	-159,115	0,000	-2,853	0,000	0,000	18,481
(palo 1500)	17601	3	12,300	-6,942	-159,566	-2,813	18,124	0,447	0,357	46,667	0,010	-159,566	0,000	-2,813	0,000	0,000	18,124
	17602	4	12,300	-7,068	-159,998	-2,766	17,772	0,562	0,392	46,667	0,012	-159,998	0,000	-2,766	0,000	0,000	17,772
	17603	5	12,300	-7,194	-160,413	-2,714	17,427	0,657	0,414	46,667	0,014	-160,413	0,000	-2,714	0,000	0,000	17,427
EmbeddedBeamRow_2_1	17603	1	12,300	-7,194	-160,416	-2,716	17,427	0,657	0,414	46,667	0,014	-160,416	0,000	-2,716	0,000	0,000	17,427
Element 2-27 (Embedded beam row)	17604	2	12,300	-7,364	-160,959	-2,643	16,972	0,775	0,420	46,667	0,017	-160,959	0,000	-2,643	0,000	0,000	16,972
(palo 1500)	17605	3	12,300	-7,534	-161,486	-2,573	16,529	0,875	0,410	46,667	0,019	-161,486	0,000	-2,573	0,000	0,000	16,529
	17606	4	12,300	-7,704	-161,998	-2,505	16,097	0,964	0,388	46,667	0,021	-161,998	0,000	-2,505	0,000	0,000	16,097
	17607	5	12,300	-7,874	-162,493	-2,441	15,677	1,045	0,356	46,667	0,022	-162,493	0,000	-2,442	0,000	0,000	15,677
EmbeddedBeamRow_2_1	17607	1	12,300	-7,874	-162,495	-2,443	15,677	1,045	0,356	46,667	0,022	-162,495	0,000	-2,443	0,000	0,000	15,677
Element 2-28 (Embedded beam row)	17608	2	12,300	-8,103	-163,142	-2,366	15,127	1,143	0,302	46,667	0,024	-163,142	0,000	-2,369	0,000	0,000	15,127
(palo 1500)	17609	3	12,300	-8,332	-163,770	-2,304	14,592	1,233	0,235	46,667	0,026	-163,770	0,000	-2,308	0,000	0,000	14,592
	17610	4	12,300	-8,561	-164,378	-2,260	14,069	1,317	0,158	46,667	0,028	-164,378	0,000	-2,261	0,000	0,000	14,069
	17611	5	12,300	-8,790	-164,966	-2,232	13,555	1,399	0,070	46,667	0,030	-164,966	0,000	-2,232	0,000	0,000	13,555

Structural element	Node [10⁻]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
EmbeddedBeamRow_2_1	17611	1	12,300	-8,790	-164,970	-2,235	13,555	0,809	0,034	46,667	0,017	-164,970	0,000	-2,235	0,000	0,000	13,555
Element 2-29 (Embedded beam row)	17612	2	12,300	-9,040	-165,714	-2,223	12,998	1,041	0,036	46,667	0,022	-165,714	0,000	-2,223	0,000	0,000	12,998
(palo 1500)	17613	3	12,300	-9,290	-166,413	-2,216	12,444	1,228	0,017	46,667	0,026	-166,413	0,000	-2,216	0,000	0,000	12,444
	17614	4	12,300	-9,540	-167,068	-2,217	11,889	1,388	-0,020	46,667	0,030	-167,068	0,000	-2,217	0,000	0,000	11,889
	17615	5	12,300	-9,790	-167,682	-2,226	11,334	1,537	-0,067	46,667	0,033	-167,682	0,000	-2,226	0,000	0,000	11,334
EmbeddedBeamRow_2_1	17615	1	12,300	-9,790	-167,684	-2,226	11,334	1,538	-0,067	46,667	0,033	-167,684	0,000	-2,226	0,000	0,000	11,334
Element 2-30 (Embedded beam row)	17616	2	12,300	-10,040	-168,263	-2,250	10,775	1,669	-0,109	46,667	0,036	-168,263	0,000	-2,250	0,000	0,000	10,775
(palo 1500)	17617	3	12,300	-10,290	-168,813	-2,281	10,209	1,791	-0,138	46,667	0,038	-168,813	0,000	-2,281	0,000	0,000	10,209
	17618	4	12,300	-10,540	-169,333	-2,317	9,634	1,905	-0,153	46,667	0,041	-169,333	0,000	-2,317	0,000	0,000	9,634
	17619	5	12,300	-10,790	-169,824	-2,357	9,050	2,014	-0,155	46,667	0,043	-169,824	0,000	-2,357	0,000	0,000	9,050
EmbeddedBeamRow_2_1	17619	1	12,300	-10,790	-169,825	-2,355	9,050	2,013	-0,155	46,667	0,043	-169,825	0,000	-2,355	0,000	0,000	9,050
Element 2-31 (Embedded beam row)	17620	2	12,300	-11,040	-170,290	-2,394	8,456	2,115	-0,143	46,667	0,045	-170,290	0,000	-2,394	0,000	0,000	8,456
(palo 1500)	17621	3	12,300	-11,290	-170,731	-2,427	7,853	2,214	-0,121	46,667	0,047	-170,731	0,000	-2,427	0,000	0,000	7,853
	17622	4	12,300	-11,540	-171,147	-2,453	7,243	2,311	-0,089	46,667	0,050	-171,147	0,000	-2,453	0,000	0,000	7,243
	17623	5	12,300	-11,790	-171,539	-2,472	6,628	2,408	-0,048	46,667	0,052	-171,539	0,000	-2,472	0,000	0,000	6,628
EmbeddedBeamRow_2_1	17623	1	12,300	-11,790	-171,539	-2,470	6,628	2,408	-0,048	46,667	0,052	-171,539	0,000	-2,470	0,000	0,000	6,628
Element 2-32 (Embedded beam row)	17624	2	12,300	-12,040	-171,906	-2,477	6,009	2,506	0,001	46,667	0,054	-171,906	0,000	-2,477	0,000	0,000	6,009
(palo 1500)	17625	3	12,300	-12,290	-172,249	-2,470	5,390	2,607	0,054	46,667	0,056	-172,249	0,000	-2,470	0,000	0,000	5,390
	17626	4	12,300	-12,540	-172,566	-2,449	4,775	2,710	0,111	46,667	0,058	-172,566	0,000	-2,449	0,000	0,000	4,775
	17627	5	12,300	-12,790	-172,857	-2,414	4,167	2,817	0,173	46,667	0,060	-172,857	0,000	-2,414	0,000	0,000	4,167
EmbeddedBeamRow_2_1	17627	1	12,300	-12,790	-172,857	-2,413	4,167	2,816	0,173	46,667	0,060	-172,857	0,000	-2,413	0,000	0,000	4,167
Element 2-33 (Embedded beam row)	17628	2	12,300	-13,040	-173,121	-2,363	3,570	2,926	0,240	46,667	0,063	-173,121	0,000	-2,363	0,000	0,000	3,570
(palo 1500)	17629	3	12,300	-13,290	-173,358	-2,293	2,987	3,038	0,316	46,667	0,065	-173,358	0,000	-2,293	0,000	0,000	2,987
	17630	4	12,300	-13,540	-173,565	-2,203	2,425	3,157	0,405	46,667	0,068	-173,565	0,000	-2,203	0,000	-0,203	2,425
	17631	5	12,300	-13,790	-173,743	-2,091	1,888	3,290	0,526	46,667	0,071	-173,743	0,000	-2,091	0,000	-0,435	1,888
EmbeddedBeamRow_2_1	17631	1	12,300	-13,790	-173,741	-2,090	1,888	5,165	0,826	46,667	0,111	-173,741	0,000	-2,090	0,000	-0,435	1,888
Element 2-34 (Embedded beam row)	17632	2	12,300	-14,045	-173,414	-1,876	1,382	5,258	0,823	46,667	0,113	-173,414	0,000	-1,876	0,000	-0,650	1,382
(palo 1500)	17633	3	12,300	-14,301	-173,062	-1,669	0,929	5,354	0,797	46,667	0,115	-173,062	0,000	-1,669	0,000	-0,839	0,929
	17634	4	12,300	-14,556	-172,686	-1,470	0,528	5,444	0,765	46,667	0,117	-172,686	0,000	-1,470	0,000	-1,002	0,528
	17635	5	12,300	-14,811	-172,287	-1,279	0,178	5,531	0,730	46,667	0,119	-172,287	0,000	-1,279	0,000	-1,142	0,178
EmbeddedBeamRow_2_1	17635	1	12,300	-14,811	-172,287	-1,279	0,178	5,529	0,730	46,667	0,118	-172,287	0,000	-1,279	0,000	-1,142	0,178
Element 2-35 (Embedded beam row)	17636	2	12,300	-15,074	-171,856	-1,093	-0,133	5,618	0,693	46,667	0,120	-171,856	0,000	-1,093	0,000	-1,262	0,000
(palo 1500)	17637	3	12,300	-15,336	-171,401	-0,916	-0,396	5,707	0,657	46,667	0,122	-171,401	0,000	-0,916	0,000	-1,361	0,000
	17638	4	12,300	-15,598	-170,922	-0,748	-0,614	5,797	0,621	46,667	0,124	-170,922	0,000	-0,748	0,000	-1,438	0,000
	17639	5	12,300	-15,860	-170,421	-0,590	-0,789	5,888	0,585	46,667	0,126	-170,421	0,000	-0,590	0,000	-1,496	0,000
EmbeddedBeamRow_2_1	17639	1	12,300	-15,860	-170,420	-0,590	-0,789	5,888	0,585	46,667	0,126	-170,420	0,000	-0,590	0,000	-1,496	0,000

Structural element	Node [10⁻]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
Element 2-36 (Embedded beam row)	17640	2	12,300	-16,129	-169,880	-0,438	-0,927	5,982	0,550	46,667	0,128	-169,880	0,000	-0,438	0,000	-1,537	0,000
(palo 1500)	17641	3	12,300	-16,398	-169,315	-0,294	-1,025	6,077	0,515	46,667	0,130	-169,315	0,000	-0,294	0,000	-1,560	0,000
	17642	4	12,300	-16,667	-168,723	-0,160	-1,086	6,173	0,481	46,667	0,132	-168,723	0,000	-0,160	0,001	-1,567	0,000
	17643	5	12,300	-16,936	-168,106	-0,036	-1,113	6,271	0,446	46,667	0,134	-168,106	0,000	-0,036	0,053	-1,560	0,000
EmbeddedBeamRow_2_1	17643	1	12,300	-16,936	-168,105	-0,036	-1,113	6,271	0,446	46,667	0,134	-168,105	0,000	-0,036	0,053	-1,560	0,000
Element 2-37 (Embedded beam row)	17644	2	12,300	-17,212	-167,445	0,083	-1,106	6,373	0,409	46,667	0,137	-167,445	0,000	0,000	0,125	-1,538	0,000
(palo 1500)	17645	3	12,300	-17,488	-166,755	0,190	-1,068	6,476	0,368	46,667	0,139	-166,755	0,000	0,000	0,219	-1,504	0,000
	17646	4	12,300	-17,765	-166,036	0,285	-1,002	6,581	0,324	46,667	0,141	-166,036	0,000	0,000	0,303	-1,458	0,000
	17647	5	12,300	-18,041	-165,289	0,369	-0,912	6,689	0,278	46,667	0,143	-165,289	0,000	0,000	0,378	-1,402	0,000
EmbeddedBeamRow_2_1	17647	1	12,300	-18,041	-165,288	0,369	-0,912	6,689	0,278	46,667	0,143	-165,288	0,000	0,000	0,377	-1,402	0,000
Element 2-38 (Embedded beam row)	17648	2	12,300	-18,324	-164,489	0,441	-0,797	6,803	0,229	46,667	0,146	-164,489	0,000	0,000	0,441	-1,336	0,000
(palo 1500)	17649	3	12,300	-18,608	-163,657	0,499	-0,663	6,919	0,181	46,667	0,148	-163,657	0,000	0,000	0,499	-1,261	0,000
	17650	4	12,300	-18,891	-162,792	0,544	-0,515	7,039	0,135	46,667	0,151	-162,792	0,000	0,000	0,544	-1,180	0,000
	17651	5	12,300	-19,175	-161,893	0,575	-0,356	7,163	0,091	46,667	0,153	-161,893	0,000	0,000	0,575	-1,094	0,000
EmbeddedBeamRow_2_1	17651	1	12,300	-19,175	-161,892	0,576	-0,356	7,163	0,091	46,667	0,153	-161,892	0,000	0,000	0,576	-1,094	0,000
Element 2-39 (Embedded beam row)	17652	2	12,300	-19,466	-160,932	0,595	-0,185	7,294	0,052	46,667	0,156	-160,932	0,000	0,000	0,595	-1,002	0,000
(palo 1500)	17653	3	12,300	-19,757	-159,932	0,606	-0,010	7,429	0,022	46,667	0,159	-159,932	0,000	0,000	0,606	-0,908	0,000
	17654	4	12,300	-20,048	-158,893	0,610	0,167	7,568	0,000	46,667	0,162	-158,893	0,000	0,000	0,610	-0,813	0,167
	17655	5	12,300	-20,339	-157,814	0,606	0,344	7,712	-0,020	46,667	0,165	-157,814	0,000	0,000	0,606	-0,717	0,344
EmbeddedBeamRow_2_1	17655	1	12,300	-20,339	-157,812	0,607	0,344	7,712	-0,020	46,667	0,165	-157,812	0,000	0,000	0,607	-0,717	0,344
Element 2-40 (Embedded beam row)	17656	2	12,300	-20,638	-156,660	0,598	0,524	7,864	-0,039	46,667	0,169	-156,660	0,000	0,000	0,598	-0,620	0,524
(palo 1500)	17657	3	12,300	-20,936	-155,460	0,583	0,700	8,021	-0,058	46,667	0,172	-155,460	0,000	0,000	0,583	-0,524	0,700
	17658	4	12,300	-21,235	-154,212	0,563	0,872	8,182	-0,076	46,667	0,175	-154,212	0,000	0,000	0,563	-0,430	0,872
	17659	5	12,300	-21,534	-152,918	0,538	1,036	8,348	-0,093	46,667	0,179	-152,918	0,000	0,000	0,538	-0,339	1,036
EmbeddedBeamRow_2_1	17659	1	12,300	-21,534	-152,916	0,538	1,036	8,348	-0,093	46,667	0,179	-152,916	0,000	0,000	0,538	-0,339	1,036
Element 2-41 (Embedded beam row)	17660	2	12,300	-21,840	-151,535	0,507	1,197	8,522	-0,110	46,667	0,183	-151,535	0,000	0,000	0,507	-0,249	1,197
(palo 1500)	17661	3	12,300	-22,147	-150,098	0,470	1,347	8,701	-0,127	46,667	0,186	-150,098	0,000	0,000	0,470	-0,163	1,347
	17662	4	12,300	-22,454	-148,606	0,429	1,485	8,885	-0,143	46,667	0,190	-148,606	0,000	0,000	0,429	-0,082	1,485
	17663	5	12,300	-22,760	-147,058	0,383	1,609	9,074	-0,159	46,667	0,194	-147,058	0,000	0,000	0,383	-0,006	1,609
EmbeddedBeamRow_2_1	17663	1	12,300	-22,760	-147,056	0,383	1,609	9,074	-0,159	46,667	0,194	-147,056	0,000	0,000	0,383	-0,006	1,609
Element 2-42 (Embedded beam row)	17664	2	12,300	-23,075	-145,407	0,330	1,721	9,271	-0,174	46,667	0,199	-145,407	0,000	0,000	0,330	0,000	1,721
(palo 1500)	17665	3	12,300	-23,390	-143,693	0,273	1,816	9,473	-0,188	46,667	0,203	-143,693	0,000	0,000	0,273	0,000	1,816
	17666	4	12,300	-23,705	-141,914	0,212	1,893	9,681	-0,200	46,667	0,207	-141,914	0,000	0,000	0,212	0,000	1,893
	17667	5	12,300	-24,019	-140,071	0,147	1,950	9,894	-0,208	46,667	0,212	-140,071	0,000	0,000	0,156	0,000	1,950
EmbeddedBeamRow_2_1	17667	1	12,300	-24,019	-140,069	0,149	1,950	9,894	-0,208	46,667	0,212	-140,069	0,000	0,000	0,156	0,000	1,950
Element 2-43 (Embedded beam row)	17668	2	12,300	-24,342	-138,107	0,080	1,987	10,118	-0,211	46,667	0,217	-138,107	0,000	0,000	0,133	0,000	1,987

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
(palo 1500)	17669	3	12,300	-24,665	-136,069	0,012	2,001	10,349	-0,209	46,667	0,222	-136,069	0,000	0,000	0,109	0,000	2,001
	17670	4	12,300	-24,989	-133,955	-0,054	1,995	10,588	-0,201	46,667	0,227	-133,955	0,000	-0,054	0,086	0,000	1,995
	17671	5	12,300	-25,312	-131,765	-0,118	1,967	10,836	-0,186	46,667	0,232	-131,765	0,000	-0,118	0,064	0,000	1,967
EmbeddedBeamRow_2_1	17671	1	12,300	-25,312	-131,762	-0,116	1,967	10,837	-0,186	46,667	0,232	-131,762	0,000	-0,116	0,064	0,000	1,967
Element 2-44 (Embedded beam row)	17672	2	12,300	-25,643	-129,430	-0,175	1,918	11,097	-0,159	46,667	0,238	-129,430	0,000	-0,175	0,043	0,000	1,918
(palo 1500)	17673	3	12,300	-25,975	-127,007	-0,222	1,852	11,366	-0,124	46,667	0,244	-127,007	0,000	-0,222	0,025	0,000	1,852
	17674	4	12,300	-26,307	-124,493	-0,258	1,772	11,642	-0,094	46,667	0,249	-124,493	0,000	-0,258	0,007	0,000	1,772
	17675	5	12,300	-26,638	-121,890	-0,284	1,682	11,925	-0,074	46,667	0,256	-121,890	0,000	-0,284	0,000	0,000	1,682
EmbeddedBeamRow_2_1	17675	1	12,300	-26,638	-121,888	-0,287	1,682	11,925	-0,074	46,667	0,256	-121,888	0,000	-0,287	0,000	0,000	1,682
Element 2-45 (Embedded beam row)	17676	2	12,300	-26,979	-119,117	-0,308	1,581	12,214	-0,063	46,667	0,262	-119,117	0,000	-0,308	0,000	0,000	1,581
(palo 1500)	17677	3	12,300	-27,319	-116,246	-0,330	1,472	12,503	-0,065	46,667	0,268	-116,246	0,000	-0,330	0,000	0,000	1,472
	17678	4	12,300	-27,660	-113,278	-0,355	1,356	12,785	-0,079	46,667	0,274	-113,278	0,000	-0,355	0,000	0,000	1,356
	17679	5	12,300	-28,000	-110,216	-0,383	1,230	13,051	-0,096	46,667	0,280	-110,216	0,000	-0,383	0,000	0,000	1,230
EmbeddedBeamRow_2_1	17679	1	12,300	-28,000	-110,302	-0,373	1,230	13,048	-0,096	46,667	0,280	-110,302	0,000	-0,373	0,000	0,000	1,230
Element 2-46 (Embedded beam row)	17680	2	12,300	-28,673	-103,867	-0,455	0,952	13,519	-0,087	46,667	0,290	-103,867	0,000	-0,455	0,000	0,000	0,952
(palo 1500)	17681	3	12,300	-29,345	-97,359	-0,503	0,625	13,836	-0,108	46,667	0,296	-97,359	0,000	-0,503	0,000	0,000	0,625
	17682	4	12,300	-30,018	-90,894	-0,483	0,291	13,393	0,119	46,667	0,287	-90,894	0,000	-0,483	0,000	0,000	0,291
	17683	5	12,300	-30,690	-84,586	-0,357	0,000	11,330	1,970	46,667	0,243	-84,586	0,000	-0,357	0,000	0,000	0,000

3.3.2.1.10 Calculation results, Embedded beam row, Versante - fase B [Phase_10] (10/146), Table of embedded pile row force envelopes

Structural element	Node [10⁻]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T--- [kN/m/m]	T--- [kN/m/m]	T---	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
EmbeddedBeamRow_1_1	17498	1	4,500	-6,690	-145,452	0,065	17,897	0,000	0,000	46,667	0,000	-166,614	0,000	0,000	5,142	-24,452	17,897
Element 1-1 (Embedded beam row)	17499	2	4,500	-6,693	-145,463	0,065	17,897	-0,006	-0,014	46,667	0,000	-166,625	0,000	0,000	5,142	-24,438	17,897
(palo 1500)	17500	3	4,500	-6,695	-145,473	0,065	17,897	-0,012	-0,033	46,667	0,000	-166,635	0,000	0,000	5,142	-24,424	17,897
	17501	4	4,500	-6,698	-145,483	0,065	17,897	-0,017	-0,058	46,667	0,000	-166,646	0,000	0,000	5,142	-24,410	17,897
	17502	5	4,500	-6,701	-145,494	0,065	17,897	-0,021	-0,091	46,667	0,000	-166,656	0,000	0,000	5,142	-24,397	17,897
EmbeddedBeamRow_1_1	17502	1	4,500	-6,701	-145,493	0,073	17,897	-0,024	-0,071	46,667	0,001	-166,657	0,000	0,000	5,145	-24,397	17,897
Element 1-2 (Embedded beam row)	17503	2	4,500	-6,766	-145,750	0,032	17,901	0,077	-0,772	46,667	0,002	-166,911	0,000	0,000	5,130	-24,060	17,901
(palo 1500)	17504	3	4,500	-6,832	-145,998	-0,030	17,901	0,226	-1,163	46,667	0,005	-167,160	0,000	-0,030	5,113	-23,724	17,901
	17505	4	4,500	-6,897	-146,237	-0,110	17,897	0,349	-1,324	46,667	0,007	-167,405	0,000	-0,110	5,094	-23,389	17,897
	17506	5	4,500	-6,963	-146,467	-0,205	17,886	0,457	-1,403	46,667	0,010	-167,645	0,000	-0,205	5,074	-23,056	17,886
EmbeddedBeamRow_1_1	17506	1	4,500	-6,963	-146,468	-0,201	17,886	0,467	-1,449	46,667	0,010	-167,645	0,000	-0,201	5,074	-23,056	17,886
Element 1-3 (Embedded beam row)	17507	2	4,500	-7,040	-146,730	-0,319	17,866	0,592	-1,578	46,667	0,013	-167,924	0,000	-0,319	5,049	-22,664	17,866
(palo 1500)	17508	3	4,500	-7,118	-146,984	-0,445	17,837	0,706	-1,677	46,667	0,015	-168,198	0,000	-0,445	5,022	-22,274	17,837
	17509	4	4,500	-7,195	-147,229	-0,578	17,797	0,814	-1,758	46,667	0,017	-168,468	0,000	-0,578	4,995	-21,887	17,797
	17510	5	4,500	-7,272	-147,466	-0,717	17,747	0,923	-1,829	46,667	0,020	-168,734	0,000	-0,717	4,966	-21,502	17,747
EmbeddedBeamRow_1_1	17510	1	4,500	-7,272	-147,466	-0,716	17,747	0,923	-1,829	46,667	0,020	-168,734	0,000	-0,716	4,966	-21,502	17,747
Element 1-4 (Embedded beam row)	17511	2	4,500	-7,364	-147,734	-0,887	17,674	1,041	-1,890	46,667	0,022	-169,042	0,000	-0,887	4,931	-21,050	17,674
(palo 1500)	17512	3	4,500	-7,455	-147,993	-1,061	17,585	1,156	-1,937	46,667	0,025	-169,346	0,000	-1,061	4,895	-20,602	17,585
	17513	4	4,500	-7,546	-148,241	-1,240	17,480	1,267	-1,974	46,667	0,027	-169,644	0,000	-1,240	4,858	-20,156	17,480
	17514	5	4,500	-7,638	-148,478	-1,422	17,359	1,375	-2,001	46,667	0,029	-169,937	0,000	-1,422	4,821	-19,715	17,359
EmbeddedBeamRow_1_1	17514	1	4,500	-7,638	-148,479	-1,421	17,359	1,375	-2,002	46,667	0,029	-169,937	0,000	-1,421	4,821	-19,715	17,359
Element 1-5 (Embedded beam row)	17515	2	4,500	-7,745	-148,746	-1,638	17,194	1,496	-2,023	46,667	0,032	-170,277	0,000	-1,638	4,775	-19,198	17,194
(palo 1500)	17516	3	4,500	-7,853	-149,002	-1,857	17,006	1,613	-2,036	46,667	0,035	-170,610	0,000	-1,857	4,729	-18,686	17,006
	17517	4	4,500	-7,961	-149,245	-2,076	16,794	1,726	-2,044	46,667	0,037	-170,938	0,000	-2,076	4,683	-18,180	16,794
	17518	5	4,500	-8,068	-149,476	-2,297	16,559	1,835	-2,047	46,667	0,039	-171,258	0,000	-2,297	4,635	-17,678	16,559
EmbeddedBeamRow_1_1	17518	1	4,500	-8,068	-149,476	-2,296	16,559	1,835	-2,046	46,667	0,039	-171,258	0,000	-2,296	4,635	-17,678	16,559
Element 1-6 (Embedded beam row)	17519	2	4,500	-8,195	-149,734	-2,556	16,251	1,959	-2,043	46,667	0,042	-171,629	0,000	-2,556	4,579	-17,093	16,251
(palo 1500)	17520	3	4,500	-8,322	-149,976	-2,815	15,910	2,079	-2,035	46,667	0,045	-171,991	0,000	-2,815	4,521	-16,515	15,910
	17521	4	4,500	-8,449	-150,204	-3,073	15,536	2,195	-2,022	46,667	0,047	-172,345	0,000	-3,073	4,463	-15,944	15,536
	17522	5	4,500	-8,576	-150,416	-3,329	15,129	2,308	-2,004	46,667	0,049	-172,690	0,000	-3,329	4,405	-15,381	15,129
EmbeddedBeamRow_1_1	17522	1	4,500	-8,576	-150,416	-3,328	15,129	2,308	-2,003	46,667	0,049	-172,691	0,000	-3,328	4,405	-15,381	15,129
Element 1-7 (Embedded beam row)	17523	2	4,500	-8,726	-150,649	-3,627	14,608	2,434	-1,973	46,667	0,052	-173,088	0,000	-3,627	4,335	-14,726	14,608

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N-- - [kN/m]	N --- [kN/m]	Q-- - [kN/m]	Q --- [kN/m]	M - - [kN m/m]	M --- [kN m/m]
(palo 1500)	17524	3	4,500	-8,876	-150,864	-3,920	14,043	2,556	-1,936	46,667	0,055	-173,475	0,000	-3,920	4,265	-14,082	14,043
	17525	4	4,500	-9,026	-151,061	-4,207	13,434	2,672	-1,892	46,667	0,057	-173,852	0,000	-4,207	4,195	-13,448	13,434
	17526	5	4,500	-9,176	-151,240	-4,487	12,782	2,784	-1,840	46,667	0,060	-174,219	0,000	-4,487	4,124	-12,825	12,782
EmbeddedBeamRow_1_1	17526	1	4,500	-9,176	-151,243	-4,485	12,782	2,764	-1,827	46,667	0,059	-174,220	0,000	-4,485	4,125	-12,825	12,782
Element 1-8 (Embedded beam row)	17527	2	4,500	-9,352	-151,431	-4,805	11,961	2,905	-1,765	46,667	0,062	-174,639	0,000	-4,805	4,041	-12,103	11,961
(palo 1500)	17528	3	4,500	-9,529	-151,604	-5,109	11,085	3,003	-1,673	46,667	0,064	-175,048	0,000	-5,109	3,958	-11,396	11,085
	17529	4	4,500	-9,706	-151,760	-5,395	10,156	3,090	-1,571	46,667	0,066	-175,447	0,000	-5,395	3,876	-10,704	10,156
	17530	5	4,500	-9,883	-151,900	-5,664	9,178	3,197	-1,476	46,667	0,069	-175,836	0,000	-5,664	3,795	-10,026	9,178
EmbeddedBeamRow_1_1	17530	1	4,500	-9,883	-151,898	-5,664	9,178	3,208	-1,481	46,667	0,069	-175,836	0,000	-5,664	3,794	-10,026	9,178
Element 1-9 (Embedded beam row)	17531	2	4,500	-10,091	-152,033	-5,962	7,966	3,364	-1,374	46,667	0,072	-176,277	0,000	-5,962	3,697	-9,245	7,966
(palo 1500)	17532	3	4,500	-10,300	-152,133	-6,237	6,694	3,533	-1,265	46,667	0,076	-176,698	0,000	-6,237	3,598	-8,484	6,694
	17533	4	4,500	-10,508	-152,196	-6,489	5,366	3,710	-1,151	46,667	0,080	-177,099	0,000	-6,489	3,498	-7,744	5,366
	17534	5	4,500	-10,717	-152,223	-6,717	3,989	3,892	-1,032	46,667	0,083	-177,479	0,000	-6,717	3,396	-7,026	3,989
EmbeddedBeamRow_1_1	17534	1	4,500	-10,717	-152,222	-6,716	3,989	3,890	-1,031	46,667	0,083	-177,479	0,000	-6,716	3,396	-7,026	3,989
Element 1-10 (Embedded beam row)	17535	2	4,500	-10,963	-152,205	-6,953	2,308	4,108	-0,885	46,667	0,088	-177,900	0,000	-6,953	3,273	-6,206	2,308
(palo 1500)	17536	3	4,500	-11,209	-152,133	-7,152	0,572	4,330	-0,734	46,667	0,093	-178,293	0,000	-7,152	3,149	-5,448	0,572
	17537	4	4,500	-11,455	-152,007	-7,313	-1,208	4,550	-0,579	46,667	0,097	-178,658	0,000	-7,313	3,024	-4,728	0,000
	17538	5	4,500	-11,701	-151,827	-7,436	-3,022	4,759	-0,417	46,667	0,102	-178,994	0,000	-7,436	2,897	-4,500	0,000
EmbeddedBeamRow_1_1	17538	1	4,500	-11,701	-151,827	-7,439	-3,022	7,721	-0,686	46,667	0,165	-178,994	0,000	-7,439	2,896	-4,500	0,000
Element 1-11 (Embedded beam row)	17539	2	4,500	-11,952	-150,851	-7,566	-4,907	7,919	-0,372	46,667	0,170	-178,897	0,000	-7,566	2,696	-5,258	0,000
(palo 1500)	17540	3	4,500	-12,203	-149,822	-7,626	-6,816	8,128	-0,095	46,667	0,174	-178,777	0,000	-7,626	2,509	-6,816	0,000
	17541	4	4,500	-12,454	-148,740	-7,619	-8,732	8,341	0,154	46,667	0,179	-178,634	0,000	-7,619	2,335	-8,732	0,000
	17542	5	4,500	-12,705	-147,606	-7,547	-10,637	8,556	0,381	46,667	0,183	-178,468	0,000	-7,547	2,175	-10,637	0,000
EmbeddedBeamRow_1_1	17542	1	4,500	-12,705	-147,605	-7,552	-10,637	8,553	0,381	46,667	0,183	-178,468	0,000	-7,552	2,174	-10,637	0,000
Element 1-12 (Embedded beam row)	17543	2	4,500	-12,962	-146,390	-7,424	-12,559	8,772	0,589	46,667	0,188	-178,274	0,000	-7,424	2,022	-12,559	0,000
(palo 1500)	17544	3	4,500	-13,218	-145,118	-7,250	-14,444	8,990	0,772	46,667	0,193	-178,054	0,000	-7,250	1,880	-14,444	0,000
	17545	4	4,500	-13,475	-143,791	-7,031	-16,278	9,204	0,932	46,667	0,197	-177,809	0,000	-7,031	1,749	-16,278	0,105
	17546	5	4,500	-13,732	-142,409	-6,771	-18,050	9,415	1,070	46,667	0,202	-177,538	0,000	-6,771	1,629	-18,050	0,538
EmbeddedBeamRow_1_1	17546	1	4,500	-13,732	-142,410	-6,775	-18,050	9,414	1,070	46,667	0,202	-177,537	0,000	-6,775	1,628	-18,050	0,538
Element 1-13 (Embedded beam row)	17547	2	4,500	-13,994	-140,941	-6,475	-19,789	9,629	1,188	46,667	0,206	-177,233	0,000	-6,475	1,515	-19,789	0,950
(palo 1500)	17548	3	4,500	-14,257	-139,417	-6,151	-21,447	9,838	1,284	46,667	0,211	-176,900	0,000	-6,151	1,411	-21,447	1,334
	17549	4	4,500	-14,519	-137,839	-5,805	-23,017	10,041	1,359	46,667	0,215	-176,538	0,000	-5,805	1,315	-23,017	1,691
	17550	5	4,500	-14,781	-136,208	-5,438	-24,492	10,236	1,415	46,667	0,219	-176,147	0,000	-5,438	1,228	-24,492	2,025
EmbeddedBeamRow_1_1	17550	1	4,500	-14,781	-136,209	-5,441	-24,492	10,236	1,415	46,667	0,219	-176,147	0,000	-5,441	1,228	-24,492	2,025
Element 1-14 (Embedded beam row)	17551	2	4,500	-15,050	-134,490	-5,054	-25,900	10,430	1,453	46,667	0,223	-175,716	0,000	-5,054	1,147	-25,900	2,343
(palo 1500)	17552	3	4,500	-15,318	-132,720	-4,662	-27,203	10,614	1,473	46,667	0,227	-175,253	0,000	-4,662	1,073	-27,203	2,641

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
	17553	4	4,500	-15,586	-130,903	-4,266	-28,401	10,786	1,477	46,667	0,231	-174,758	0,000	-4,266	1,005	-28,401	2,920
	17554	5	4,500	-15,855	-129,039	-3,869	-29,492	10,947	1,466	46,667	0,235	-174,232	0,000	-3,869	0,944	-29,492	3,181
EmbeddedBeamRow_1_1	17554	1	4,500	-15,855	-129,042	-3,872	-29,492	10,948	1,466	46,667	0,235	-174,232	0,000	-3,872	0,943	-29,492	3,181
Element 1-15 (Embedded beam row)	17555	2	4,500	-16,129	-127,093	-3,471	-30,499	11,099	1,440	46,667	0,238	-173,659	0,000	-3,471	0,886	-30,499	3,432
(palo 1500)	17556	3	4,500	-16,403	-125,107	-3,082	-31,398	11,234	1,401	46,667	0,241	-173,053	0,000	-3,082	0,832	-31,398	3,667
	17557	4	4,500	-16,678	-123,087	-2,705	-32,191	11,352	1,347	46,667	0,243	-172,413	0,000	-2,705	0,781	-32,191	3,889
	17558	5	4,500	-16,952	-121,034	-2,343	-32,883	11,450	1,282	46,667	0,245	-171,741	0,000	-2,343	0,732	-32,883	4,096
EmbeddedBeamRow_1_1	17558	1	4,500	-16,952	-121,037	-2,344	-32,883	11,450	1,282	46,667	0,245	-171,741	0,000	-2,344	0,731	-32,883	4,096
Element 1-16 (Embedded beam row)	17559	2	4,500	-17,232	-118,913	-1,994	-33,491	11,534	1,212	46,667	0,247	-171,021	0,000	-1,994	0,679	-33,491	4,294
(palo 1500)	17560	3	4,500	-17,513	-116,770	-1,664	-34,003	11,602	1,141	46,667	0,249	-170,269	0,000	-1,664	0,626	-34,003	4,477
	17561	4	4,500	-17,793	-114,610	-1,354	-34,426	11,655	1,071	46,667	0,250	-169,485	0,000	-1,354	0,572	-34,426	4,645
	17562	5	4,500	-18,074	-112,436	-1,064	-34,765	11,693	1,005	46,667	0,251	-168,670	0,000	-1,064	0,516	-34,765	4,797
EmbeddedBeamRow_1_1	17562	1	4,500	-18,074	-112,438	-1,062	-34,765	11,692	1,004	46,667	0,251	-168,670	0,000	-1,062	0,517	-34,765	4,797
Element 1-17 (Embedded beam row)	17563	2	4,500	-18,360	-110,207	-0,785	-35,029	11,717	0,943	46,667	0,251	-167,804	0,000	-0,785	0,459	-35,029	4,937
(palo 1500)	17564	3	4,500	-18,647	-107,972	-0,522	-35,216	11,728	0,888	46,667	0,251	-166,904	0,000	-0,522	0,402	-35,216	5,060
	17565	4	4,500	-18,934	-105,735	-0,274	-35,330	11,726	0,842	46,667	0,251	-165,970	0,000	-0,274	0,345	-35,330	5,167
	17566	5	4,500	-19,221	-103,500	-0,039	-35,374	11,712	0,804	46,667	0,251	-165,003	0,000	-0,039	0,289	-35,374	5,258
EmbeddedBeamRow_1_1	17566	1	4,500	-19,221	-103,500	-0,037	-35,374	11,711	0,804	46,667	0,251	-165,001	0,000	-0,037	0,289	-35,374	5,258
Element 1-18 (Embedded beam row)	17567	2	4,500	-19,514	-101,223	0,192	-35,351	11,688	0,773	46,667	0,250	-163,978	0,000	0,000	0,263	-35,351	5,335
(palo 1500)	17568	3	4,500	-19,807	-98,951	0,416	-35,262	11,664	0,751	46,667	0,250	-162,913	0,000	0,000	0,416	-35,262	5,395
	17569	4	4,500	-20,100	-96,686	0,635	-35,108	11,642	0,740	46,667	0,249	-161,808	0,000	-0,005	0,635	-35,108	5,439
	17570	5	4,500	-20,393	-94,429	0,850	-34,890	11,624	0,740	46,667	0,249	-160,661	0,000	-0,032	0,850	-34,890	5,467
EmbeddedBeamRow_1_1	17570	1	4,500	-20,393	-94,428	0,852	-34,890	11,627	0,740	46,667	0,249	-160,659	0,000	-0,032	0,852	-34,890	5,467
Element 1-19 (Embedded beam row)	17571	2	4,500	-20,693	-92,121	1,073	-34,602	11,618	0,749	46,667	0,249	-159,434	0,000	-0,058	1,073	-34,602	5,481
(palo 1500)	17572	3	4,500	-20,992	-89,819	1,301	-34,246	11,598	0,765	46,667	0,249	-158,155	0,000	-0,083	1,301	-34,246	5,479
	17573	4	4,500	-21,292	-87,524	1,533	-33,822	11,567	0,786	46,667	0,248	-156,823	0,000	-0,106	1,533	-33,822	5,463
	17574	5	4,500	-21,592	-85,240	1,771	-33,327	11,524	0,808	46,667	0,247	-155,440	0,000	-0,127	1,771	-33,327	5,434
EmbeddedBeamRow_1_1	17574	1	4,500	-21,592	-85,241	1,771	-33,327	11,523	0,808	46,667	0,247	-155,438	0,000	-0,127	1,771	-33,327	5,434
Element 1-20 (Embedded beam row)	17575	2	4,500	-21,898	-82,922	2,023	-32,746	11,466	0,830	46,667	0,246	-153,970	0,000	-0,167	2,023	-32,746	5,391
(palo 1500)	17576	3	4,500	-22,205	-80,622	2,280	-32,086	11,401	0,848	46,667	0,244	-152,445	0,000	-0,204	2,280	-32,086	5,334
	17577	4	4,500	-22,511	-78,343	2,542	-31,348	11,327	0,861	46,667	0,243	-150,864	0,000	-0,243	2,542	-31,348	5,266
	17578	5	4,500	-22,817	-76,087	2,807	-30,529	11,245	0,865	46,667	0,241	-149,227	0,000	-0,280	2,807	-30,529	5,186
EmbeddedBeamRow_1_1	17578	1	4,500	-22,817	-76,089	2,805	-30,529	11,244	0,865	46,667	0,241	-149,226	0,000	-0,281	2,805	-30,529	5,186
Element 1-21 (Embedded beam row)	17579	2	4,500	-23,131	-73,810	3,078	-29,607	11,150	0,861	46,667	0,239	-147,493	0,000	-0,318	3,078	-29,607	5,092
(palo 1500)	17580	3	4,500	-23,444	-71,563	3,345	-28,601	11,047	0,846	46,667	0,237	-145,697	0,000	-0,356	3,345	-28,601	4,986
	17581	4	4,500	-23,757	-69,351	3,606	-27,512	10,933	0,820	46,667	0,234	-143,838	0,000	-0,395	3,606	-27,512	4,869

Structural element	Node [10⁻³]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
	17582	5	4,500	-24,070	-67,175	3,859	-26,343	10,808	0,783	46,667	0,232	-141,918	0,000	-0,434	3,859	-26,343	4,739
EmbeddedBeamRow_1_1	17582	1	4,500	-24,070	-67,177	3,856	-26,343	10,808	0,783	46,667	0,232	-141,916	0,000	-0,435	3,856	-26,343	4,739
Element 1-22 (Embedded beam row)	17583	2	4,500	-24,391	-64,994	4,101	-25,069	10,667	0,732	46,667	0,229	-139,886	0,000	-0,477	4,101	-25,069	4,593
(palo 1500)	17584	3	4,500	-24,711	-62,860	4,325	-23,718	10,516	0,671	46,667	0,225	-137,786	0,000	-0,522	4,325	-23,718	4,433
	17585	4	4,500	-25,031	-60,776	4,528	-22,300	10,352	0,598	46,667	0,222	-135,617	0,000	-0,569	4,528	-22,300	4,258
	17586	5	4,500	-25,351	-58,744	4,708	-20,821	10,178	0,514	46,667	0,218	-133,380	0,000	-0,617	4,708	-20,821	4,068
EmbeddedBeamRow_1_1	17586	1	4,500	-25,351	-58,746	4,706	-20,821	10,178	0,514	46,667	0,218	-133,378	0,000	-0,617	4,706	-20,821	4,068
Element 1-23 (Embedded beam row)	17587	2	4,500	-25,679	-56,729	4,861	-19,254	9,988	0,419	46,667	0,214	-131,018	0,000	-0,668	4,861	-19,254	3,858
(palo 1500)	17588	3	4,500	-26,006	-54,778	4,980	-17,641	9,787	0,311	46,667	0,210	-128,580	0,000	-0,716	4,980	-17,641	3,632
	17589	4	4,500	-26,334	-52,893	5,062	-15,996	9,577	0,193	46,667	0,205	-126,065	0,000	-0,763	5,062	-15,996	3,389
	17590	5	4,500	-26,661	-51,078	5,106	-14,331	9,358	0,061	46,667	0,201	-123,475	0,000	-0,807	5,106	-14,331	3,132
EmbeddedBeamRow_1_1	17590	1	4,500	-26,661	-51,080	5,102	-14,331	9,358	0,061	46,667	0,201	-123,473	0,000	-0,805	5,102	-14,331	3,132
Element 1-24 (Embedded beam row)	17591	2	4,500	-26,996	-49,299	5,101	-12,622	9,124	-0,090	46,667	0,196	-120,743	0,000	-0,844	5,101	-12,622	2,856
(palo 1500)	17592	3	4,500	-27,331	-47,601	5,042	-10,922	8,879	-0,259	46,667	0,190	-117,927	0,000	-0,874	5,042	-10,922	2,568
	17593	4	4,500	-27,665	-45,986	4,923	-9,252	8,624	-0,450	46,667	0,185	-115,027	0,000	-0,895	4,923	-9,252	2,272
	17594	5	4,500	-28,000	-44,456	4,741	-7,633	8,357	-0,663	46,667	0,179	-112,045	0,000	-0,907	4,741	-7,633	1,970
EmbeddedBeamRow_1_1	17594	1	4,500	-28,000	-44,507	4,705	-7,633	8,354	-0,663	46,667	0,179	-112,109	0,000	-0,899	4,705	-7,633	1,970
Element 1-25 (Embedded beam row)	17595	2	4,500	-28,673	-41,618	4,142	-4,633	7,847	-1,168	46,667	0,168	-105,754	0,000	-0,891	4,142	-4,633	1,366
(palo 1500)	17596	3	4,500	-29,345	-39,214	3,130	-2,163	7,229	-1,856	46,667	0,155	-99,233	0,000	-0,808	3,130	-2,163	0,787
	17597	4	4,500	-30,018	-37,352	1,679	-0,521	6,237	-2,472	46,667	0,134	-92,656	0,000	-0,612	1,679	-0,521	0,305
	17598	5	4,500	-30,690	-36,087	-0,199	0,000	4,827	-2,161	46,667	0,103	-86,132	0,000	-0,263	0,000	0,000	0,000
EmbeddedBeamRow_2_1	17599	1	12,300	-6,690	-160,444	-9,313	44,936	0,000	0,000	46,667	0,000	-160,444	0,000	-9,313	0,000	0,000	44,936
Element 2-26 (Embedded beam row)	17600	2	12,300	-6,816	-160,909	-9,264	43,766	0,333	0,443	46,667	0,007	-160,909	0,000	-9,264	0,000	0,000	43,766
(palo 1500)	17601	3	12,300	-6,942	-161,349	-9,201	42,602	0,549	0,570	46,667	0,012	-161,349	0,000	-9,201	0,000	0,000	42,602
	17602	4	12,300	-7,068	-161,767	-9,126	41,448	0,690	0,634	46,667	0,015	-161,767	0,000	-9,126	0,000	0,000	41,448
	17603	5	12,300	-7,194	-162,164	-9,040	40,304	0,807	0,673	46,667	0,017	-162,164	0,000	-9,040	0,000	0,000	40,304
EmbeddedBeamRow_2_1	17603	1	12,300	-7,194	-162,167	-9,044	40,304	0,807	0,673	46,667	0,017	-162,167	0,000	-9,044	0,000	0,000	40,304
Element 2-27 (Embedded beam row)	17604	2	12,300	-7,364	-162,683	-8,926	38,777	0,948	0,684	46,667	0,020	-162,683	0,000	-8,926	0,000	0,000	38,777
(palo 1500)	17605	3	12,300	-7,534	-163,179	-8,811	37,270	1,067	0,664	46,667	0,023	-163,179	0,000	-8,811	0,000	0,000	37,270
	17606	4	12,300	-7,704	-163,656	-8,703	35,782	1,171	0,621	46,667	0,025	-163,656	0,000	-8,703	0,000	0,000	35,782
	17607	5	12,300	-7,874	-164,115	-8,600	34,313	1,265	0,559	46,667	0,027	-164,115	0,000	-8,600	0,000	0,000	34,313
EmbeddedBeamRow_2_1	17607	1	12,300	-7,874	-164,117	-8,604	34,313	1,265	0,559	46,667	0,027	-164,117	0,000	-8,604	0,000	0,000	34,313
Element 2-28 (Embedded beam row)	17608	2	12,300	-8,103	-164,712	-8,484	32,356	1,378	0,451	46,667	0,030	-164,712	0,000	-8,484	0,000	0,000	32,356
(palo 1500)	17609	3	12,300	-8,332	-165,285	-8,397	30,423	1,480	0,319	46,667	0,032	-165,285	0,000	-8,397	0,000	0,000	30,423
	17610	4	12,300	-8,561	-165,835	-8,342	28,505	1,574	0,166	46,667	0,034	-165,835	0,000	-8,342	0,000	0,000	28,505
	17611	5	12,300	-8,790	-166,363	-8,320	26,598	1,663	-0,003	46,667	0,036	-166,363	0,000	-8,320	0,000	0,000	26,598

Structural element	Node [10⁻¹]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
EmbeddedBeamRow_2_1	17611	1	12,300	-8,790	-166,370	-8,326	26,598	0,976	-0,011	46,667	0,021	-166,370	0,000	-8,326	0,000	0,000	26,598
Element 2-29 (Embedded beam row)	17612	2	12,300	-9,040	-167,066	-8,331	24,517	1,230	-0,077	46,667	0,026	-167,066	0,000	-8,331	0,000	0,000	24,517
(palo 1500)	17613	3	12,300	-9,290	-167,718	-8,363	22,430	1,417	-0,182	46,667	0,030	-167,718	0,000	-8,363	0,000	0,000	22,430
	17614	4	12,300	-9,540	-168,328	-8,425	20,332	1,561	-0,306	46,667	0,033	-168,328	0,000	-8,425	0,000	0,000	20,332
	17615	5	12,300	-9,790	-168,900	-8,516	18,215	1,687	-0,427	46,667	0,036	-168,900	0,000	-8,516	0,000	0,000	18,215
EmbeddedBeamRow_2_1	17615	1	12,300	-9,790	-168,904	-8,513	18,215	1,688	-0,428	46,667	0,036	-168,904	0,000	-8,513	0,000	0,000	18,215
Element 2-30 (Embedded beam row)	17616	2	12,300	-10,040	-169,447	-8,638	16,072	1,802	-0,531	46,667	0,039	-169,447	0,000	-8,638	0,000	0,000	16,072
(palo 1500)	17617	3	12,300	-10,290	-169,966	-8,779	13,895	1,904	-0,608	46,667	0,041	-169,966	0,000	-8,779	0,000	0,000	13,895
	17618	4	12,300	-10,540	-170,461	-8,935	11,680	1,993	-0,641	46,667	0,043	-170,461	0,000	-8,935	0,000	0,000	11,680
	17619	5	12,300	-10,790	-170,932	-9,101	9,426	2,072	-0,630	46,667	0,044	-170,932	0,000	-9,101	0,000	0,000	9,426
EmbeddedBeamRow_2_1	17619	1	12,300	-10,790	-170,935	-9,087	9,426	2,072	-0,631	46,667	0,044	-170,935	0,000	-9,087	0,000	0,000	9,426
Element 2-31 (Embedded beam row)	17620	2	12,300	-11,040	-171,388	-9,249	7,134	2,136	-0,546	46,667	0,046	-171,388	0,000	-9,249	0,000	0,000	8,456
(palo 1500)	17621	3	12,300	-11,290	-171,830	-9,362	4,806	2,186	-0,366	46,667	0,047	-171,830	0,000	-9,362	0,000	0,000	7,853
	17622	4	12,300	-11,540	-172,261	-9,419	2,457	2,226	-0,109	46,667	0,048	-172,261	0,000	-9,419	0,000	0,000	7,243
	17623	5	12,300	-11,790	-172,680	-9,418	0,101	2,272	0,157	46,667	0,049	-172,680	0,000	-9,418	0,000	0,000	6,628
EmbeddedBeamRow_2_1	17623	1	12,300	-11,790	-172,678	-9,421	0,101	2,272	0,157	46,667	0,049	-172,678	0,000	-9,421	0,000	0,000	6,628
Element 2-32 (Embedded beam row)	17624	2	12,300	-12,040	-173,088	-9,344	-2,245	2,333	0,380	46,667	0,050	-173,088	0,000	-9,344	0,000	-2,245	6,009
(palo 1500)	17625	3	12,300	-12,290	-173,475	-9,230	-4,568	2,417	0,544	46,667	0,052	-173,475	0,000	-9,230	0,000	-4,568	5,390
	17626	4	12,300	-12,540	-173,839	-9,080	-6,858	2,522	0,663	46,667	0,054	-173,839	0,000	-9,080	0,000	-6,858	4,775
	17627	5	12,300	-12,790	-174,178	-8,898	-9,105	2,644	0,765	46,667	0,057	-174,178	0,000	-8,898	0,000	-9,105	4,167
EmbeddedBeamRow_2_1	17627	1	12,300	-12,790	-174,175	-8,899	-9,105	2,644	0,765	46,667	0,057	-174,175	0,000	-8,899	0,000	-9,105	4,167
Element 2-33 (Embedded beam row)	17628	2	12,300	-13,040	-174,482	-8,696	-11,305	2,773	0,873	46,667	0,059	-174,482	0,000	-8,696	0,000	-11,305	3,570
(palo 1500)	17629	3	12,300	-13,290	-174,752	-8,463	-13,451	2,911	0,990	46,667	0,062	-174,752	0,000	-8,463	0,000	-13,451	2,987
	17630	4	12,300	-13,540	-174,987	-8,199	-15,534	3,067	1,121	46,667	0,066	-174,987	0,000	-8,199	0,000	-15,534	2,425
	17631	5	12,300	-13,790	-175,183	-7,903	-17,547	3,241	1,350	46,667	0,069	-175,183	0,000	-7,903	0,000	-17,547	1,888
EmbeddedBeamRow_2_1	17631	1	12,300	-13,790	-175,180	-7,898	-17,547	5,088	2,116	46,667	0,109	-175,180	0,000	-7,898	0,000	-17,547	1,888
Element 2-34 (Embedded beam row)	17632	2	12,300	-14,045	-174,868	-7,348	-19,493	5,221	2,151	46,667	0,112	-174,868	0,000	-7,348	0,000	-19,493	1,382
(palo 1500)	17633	3	12,300	-14,301	-174,520	-6,800	-21,300	5,363	2,146	46,667	0,115	-174,520	0,000	-6,800	0,000	-21,300	0,929
	17634	4	12,300	-14,556	-174,136	-6,255	-22,967	5,500	2,127	46,667	0,118	-174,136	0,000	-6,255	0,000	-22,967	0,528
	17635	5	12,300	-14,811	-173,716	-5,714	-24,495	5,631	2,098	46,667	0,121	-173,716	0,000	-5,714	0,000	-24,495	0,178
EmbeddedBeamRow_2_1	17635	1	12,300	-14,811	-173,717	-5,715	-24,495	5,630	2,098	46,667	0,121	-173,717	0,000	-5,715	0,000	-24,495	0,178
Element 2-35 (Embedded beam row)	17636	2	12,300	-15,074	-173,253	-5,169	-25,921	5,765	2,060	46,667	0,124	-173,253	0,000	-5,169	0,000	-25,921	0,000
(palo 1500)	17637	3	12,300	-15,336	-172,753	-4,635	-27,206	5,901	2,015	46,667	0,126	-172,753	0,000	-4,635	0,000	-27,206	0,000
	17638	4	12,300	-15,598	-172,218	-4,114	-28,352	6,036	1,964	46,667	0,129	-172,218	0,000	-4,114	0,000	-28,352	0,000
	17639	5	12,300	-15,860	-171,648	-3,606	-29,364	6,171	1,908	46,667	0,132	-171,648	0,000	-3,606	0,000	-29,364	0,000
EmbeddedBeamRow_2_1	17639	1	12,300	-15,860	-171,647	-3,607	-29,364	6,171	1,908	46,667	0,132	-171,647	0,000	-3,607	0,000	-29,364	0,000

Structural element	Node [10⁻]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
Element 2-36 (Embedded beam row)	17640	2	12,300	-16,129	-171,025	-3,101	-30,265	6,309	1,847	46,667	0,135	-171,025	0,000	-3,101	0,000	-30,265	0,000
(palo 1500)	17641	3	12,300	-16,398	-170,366	-2,613	-31,034	6,446	1,782	46,667	0,138	-170,366	0,000	-2,613	0,000	-31,034	0,000
	17642	4	12,300	-16,667	-169,670	-2,143	-31,673	6,583	1,712	46,667	0,141	-169,670	0,000	-2,143	0,001	-31,673	0,000
	17643	5	12,300	-16,936	-168,937	-1,691	-32,188	6,720	1,640	46,667	0,144	-168,937	0,000	-1,691	0,053	-32,188	0,000
EmbeddedBeamRow_2_1	17643	1	12,300	-16,936	-168,937	-1,692	-32,188	6,719	1,640	46,667	0,144	-168,937	0,000	-1,692	0,053	-32,188	0,000
Element 2-37 (Embedded beam row)	17644	2	12,300	-17,212	-168,147	-1,249	-32,594	6,859	1,562	46,667	0,147	-168,147	0,000	-1,249	0,125	-32,594	0,000
(palo 1500)	17645	3	12,300	-17,488	-167,317	-0,829	-32,880	6,998	1,477	46,667	0,150	-167,317	0,000	-0,829	0,219	-32,880	0,000
	17646	4	12,300	-17,765	-166,450	-0,434	-33,054	7,138	1,387	46,667	0,153	-166,450	0,000	-0,434	0,303	-33,054	0,000
	17647	5	12,300	-18,041	-165,544	-0,063	-33,122	7,279	1,294	46,667	0,156	-165,544	0,000	-0,063	0,378	-33,122	0,000
EmbeddedBeamRow_2_1	17647	1	12,300	-18,041	-165,543	-0,063	-33,122	7,279	1,294	46,667	0,156	-165,543	0,000	-0,063	0,377	-33,122	0,000
Element 2-38 (Embedded beam row)	17648	2	12,300	-18,324	-164,573	0,290	-33,090	7,424	1,199	46,667	0,159	-164,573	0,000	0,000	0,441	-33,090	0,000
(palo 1500)	17649	3	12,300	-18,608	-163,560	0,616	-32,961	7,572	1,104	46,667	0,162	-163,657	0,000	0,000	0,616	-32,961	0,000
	17650	4	12,300	-18,891	-162,506	0,916	-32,743	7,721	1,012	46,667	0,165	-162,792	0,000	0,000	0,916	-32,743	0,000
	17651	5	12,300	-19,175	-161,409	1,190	-32,444	7,872	0,925	46,667	0,169	-161,893	0,000	0,000	1,190	-32,444	0,000
EmbeddedBeamRow_2_1	17651	1	12,300	-19,175	-161,408	1,192	-32,444	7,872	0,925	46,667	0,169	-161,892	0,000	0,000	1,192	-32,444	0,000
Element 2-39 (Embedded beam row)	17652	2	12,300	-19,466	-160,238	1,447	-32,059	8,030	0,843	46,667	0,172	-160,932	0,000	0,000	1,447	-32,059	0,000
(palo 1500)	17653	3	12,300	-19,757	-159,021	1,682	-31,604	8,189	0,774	46,667	0,175	-159,932	0,000	0,000	1,682	-31,604	0,000
	17654	4	12,300	-20,048	-157,756	1,899	-31,082	8,351	0,714	46,667	0,179	-158,893	0,000	0,000	1,899	-31,082	0,167
	17655	5	12,300	-20,339	-156,446	2,098	-30,500	8,516	0,660	46,667	0,182	-157,814	0,000	0,000	2,098	-30,500	0,344
EmbeddedBeamRow_2_1	17655	1	12,300	-20,339	-156,445	2,099	-30,500	8,516	0,660	46,667	0,182	-157,812	0,000	0,000	2,099	-30,500	0,344
Element 2-40 (Embedded beam row)	17656	2	12,300	-20,638	-155,050	2,288	-29,844	8,687	0,608	46,667	0,186	-156,660	0,000	0,000	2,288	-29,844	0,524
(palo 1500)	17657	3	12,300	-20,936	-153,602	2,462	-29,134	8,859	0,559	46,667	0,190	-155,460	0,000	0,000	2,462	-29,134	0,700
	17658	4	12,300	-21,235	-152,102	2,622	-28,374	9,033	0,513	46,667	0,194	-154,212	0,000	0,000	2,622	-28,374	0,872
	17659	5	12,300	-21,534	-150,551	2,769	-27,569	9,209	0,470	46,667	0,197	-152,918	0,000	0,000	2,769	-27,569	1,036
EmbeddedBeamRow_2_1	17659	1	12,300	-21,534	-150,550	2,769	-27,569	9,209	0,470	46,667	0,197	-152,916	0,000	0,000	2,769	-27,569	1,036
Element 2-41 (Embedded beam row)	17660	2	12,300	-21,840	-148,904	2,906	-26,699	9,390	0,428	46,667	0,201	-151,535	0,000	0,000	2,906	-26,699	1,197
(palo 1500)	17661	3	12,300	-22,147	-147,200	3,032	-25,788	9,572	0,389	46,667	0,205	-150,098	0,000	0,000	3,032	-25,788	1,347
	17662	4	12,300	-22,454	-145,441	3,145	-24,840	9,755	0,351	46,667	0,209	-148,606	0,000	0,000	3,145	-24,840	1,485
	17663	5	12,300	-22,760	-143,626	3,247	-23,860	9,940	0,314	46,667	0,213	-147,058	0,000	0,000	3,247	-23,860	1,609
EmbeddedBeamRow_2_1	17663	1	12,300	-22,760	-143,625	3,247	-23,860	9,940	0,314	46,667	0,213	-147,056	0,000	0,000	3,247	-23,860	1,609
Element 2-42 (Embedded beam row)	17664	2	12,300	-23,075	-141,704	3,340	-22,823	10,129	0,278	46,667	0,217	-145,407	0,000	0,000	3,340	-22,823	1,721
(palo 1500)	17665	3	12,300	-23,390	-139,721	3,422	-21,759	10,319	0,243	46,667	0,221	-143,693	0,000	0,000	3,422	-21,759	1,816
	17666	4	12,300	-23,705	-137,679	3,493	-20,670	10,509	0,209	46,667	0,225	-141,914	0,000	0,000	3,493	-20,670	1,893
	17667	5	12,300	-24,019	-135,578	3,554	-19,561	10,700	0,177	46,667	0,229	-140,071	0,000	0,000	3,554	-19,561	1,950
EmbeddedBeamRow_2_1	17667	1	12,300	-24,019	-135,577	3,554	-19,561	10,700	0,177	46,667	0,229	-140,069	0,000	0,000	3,554	-19,561	1,950
Element 2-43 (Embedded beam row)	17668	2	12,300	-24,342	-133,358	3,606	-18,404	10,897	0,146	46,667	0,234	-138,107	0,000	0,000	3,606	-18,404	1,987

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
(palo 1500)	17669	3	12,300	-24,665	-131,074	3,648	-17,232	11,096	0,117	46,667	0,238	-136,069	0,000	0,000	3,648	-17,232	2,001
	17670	4	12,300	-24,989	-128,724	3,682	-16,047	11,297	0,089	46,667	0,242	-133,955	0,000	-0,054	3,682	-16,047	1,995
	17671	5	12,300	-25,312	-126,312	3,706	-14,854	11,500	0,064	46,667	0,246	-131,765	0,000	-0,118	3,706	-14,854	1,967
EmbeddedBeamRow_2_1	17671	1	12,300	-25,312	-126,310	3,706	-14,854	11,501	0,064	46,667	0,246	-131,762	0,000	-0,116	3,706	-14,854	1,967
Element 2-44 (Embedded beam row)	17672	2	12,300	-25,643	-123,765	3,724	-13,622	11,711	0,042	46,667	0,251	-129,430	0,000	-0,175	3,724	-13,622	1,918
(palo 1500)	17673	3	12,300	-25,975	-121,148	3,734	-12,384	11,923	0,021	46,667	0,255	-127,007	0,000	-0,222	3,734	-12,384	1,852
	17674	4	12,300	-26,307	-118,460	3,735	-11,145	12,136	-0,015	46,667	0,260	-124,493	0,000	-0,258	3,735	-11,145	1,772
	17675	5	12,300	-26,638	-115,703	3,725	-9,908	12,349	-0,072	46,667	0,265	-121,890	0,000	-0,284	3,725	-9,908	1,682
EmbeddedBeamRow_2_1	17675	1	12,300	-26,638	-115,703	3,718	-9,908	12,349	-0,072	46,667	0,265	-121,888	0,000	-0,287	3,718	-9,908	1,682
Element 2-45 (Embedded beam row)	17676	2	12,300	-26,979	-112,799	3,686	-8,647	12,559	-0,156	46,667	0,269	-119,117	0,000	-0,308	3,686	-8,647	1,581
(palo 1500)	17677	3	12,300	-27,319	-109,826	3,613	-7,403	12,763	-0,268	46,667	0,273	-116,246	0,000	-0,330	3,613	-7,403	1,472
	17678	4	12,300	-27,660	-106,785	3,497	-6,191	12,953	-0,409	46,667	0,278	-113,278	0,000	-0,355	3,497	-6,191	1,356
	17679	5	12,300	-28,000	-103,680	3,335	-5,028	13,121	-0,575	46,667	0,281	-110,216	0,000	-0,383	3,335	-5,028	1,230
EmbeddedBeamRow_2_1	17679	1	12,300	-28,000	-103,773	3,314	-5,028	13,118	-0,574	46,667	0,281	-110,302	0,000	-0,373	3,314	-5,028	1,230
Element 2-46 (Embedded beam row)	17680	2	12,300	-28,673	-97,354	2,835	-2,942	13,376	-0,931	46,667	0,287	-103,867	0,000	-0,455	2,835	-2,942	0,952
(palo 1500)	17681	3	12,300	-29,345	-91,025	2,055	-1,283	13,446	-1,416	46,667	0,288	-97,359	0,000	-0,503	2,055	-1,283	0,625
	17682	4	12,300	-30,018	-84,899	0,996	-0,241	12,769	-1,760	46,667	0,274	-90,894	0,000	-0,483	0,996	-0,241	0,291
	17683	5	12,300	-30,690	-79,091	-0,320	0,000	10,594	-0,623	46,667	0,227	-84,586	0,000	-0,357	0,000	0,000	0,000

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PLAXIS Report

1.1.1.1.1 Materials - Soil and interfaces - Hardening Soil

Identification number		1	2	4	5
Identification		STRATO B	STRATO C	STRATO A	STRATO A'
Soil model		Hardening Soil	Hardening Soil	Hardening Soil	Hardening Soil
Drainage type		Undrained B	Undrained B	Undrained B	Drained
Colour					
Comments					
γ_unsat	kN/m³	18,50	18,50	18,50	18,50
γ_sat	kN/m³	19,00	19,00	19,00	19,00
e_init		0,5000	0,5000	0,5000	0,5000
n_init		0,3333	0,3333	0,3333	0,3333
Input method		Direct	Direct	Direct	Direct
Rayleigh α		0,000	0,000	0,000	0,000
Rayleigh β		0,000	0,000	0,000	0,000
Identification number		1	2	4	5
Identification		STRATO B	STRATO C	STRATO A	STRATO A'
Soil model		Hardening Soil	Hardening Soil	Hardening Soil	Hardening Soil
Drainage type		Undrained B	Undrained B	Undrained B	Drained
Colour					
Comments					
E_50^ref	kN/m²	30,00E3	45,00E3	5000	5000
E_oed^ref	kN/m²	30,00E3	45,00E3	7500	5000
E_ur^ref	kN/m²	90,00E3	135,0E3	22,50E3	15,00E3
ν_ur		0,2000	0,2000	0,2000	0,2000
Use defaults		True	True	True	True

Identification number		1	2	4	5
K_0^nc		1,000	1,000	1,000	0,7412
R_f		0,9000	0,9000	0,9000	0,9000
Determination		ν-undrained definition	ν-undrained definition	ν-undrained definition	ν-undrained definition
ν_u definition method		Direct	Direct	Direct	Direct
ν_u,equivalent (nu)		0,4950	0,4950	0,4950	0,4950
Skempton B		0,9866	0,9866	0,9866	0,9866
K_w,ref/n	kN/m²	3,687E6	5,531E6	921,9E3	614,6E3
Identification number		1	2	4	5
Identification		STRATO B	STRATO C	STRATO A	STRATO A'
Soil model		Hardening Soil	Hardening Soil	Hardening Soil	Hardening Soil
Drainage type		Undrained B	Undrained B	Undrained B	Drained
Colour					
Comments					
Classification type		Standard	Standard	Standard	Standard
Soil class (Standard)		Coarse	Coarse	Coarse	Coarse
< 2 µm	%	10,00	10,00	10,00	10,00
2 µm - 50 µm	%	13,00	13,00	13,00	13,00
50 µm - 2 mm	%	77,00	77,00	77,00	77,00
Identification number		1	2	4	5
Identification		STRATO B	STRATO C	STRATO A	STRATO A'
Soil model		Hardening Soil	Hardening Soil	Hardening Soil	Hardening Soil
Drainage type		Undrained B	Undrained B	Undrained B	Drained
Colour					
Comments					
c_s	kJ/t/K	0,000	0,000	0,000	0,000
λ_s	kW/m/K	0,000	0,000	0,000	0,000

Identification number		1	2	4	5
ρ_s	t/m³	0,000	0,000	0,000	0,000
Thermal expansion type		Isotropic	Isotropic	Isotropic	Isotropic
α_sv	1/K	0,000	0,000	0,000	0,000
Phase change		False	False	False	False
D_v	m²/day	0,000	0,000	0,000	0,000
f_Tv		0,000	0,000	0,000	0,000
Identification number		1	2	4	5
Identification		STRATO B	STRATO C	STRATO A	STRATO A'
Soil model		Hardening Soil	Hardening Soil	Hardening Soil	Hardening Soil
Drainage type		Undrained B	Undrained B	Undrained B	Drained
Colour					
Comments					
Stiffness determination		Derived	Derived	Derived	Derived
Strength determination		Manual	Manual	Manual	Manual
R_inter		0,6600	0,6600	0,6600	0,6600
Consider gap closure		True	True	True	True
δ_inter	m	0,000	0,000	0,000	0,000
Cross permeability		Impermeable	Impermeable	Impermeable	Impermeable
Drainage conductivity, dk	m³/day/m	0,000	0,000	0,000	0,000
R_thermal	m² K/kW	0,000	0,000	0,000	0,000
Identification number		1	2	4	5
Identification		STRATO B	STRATO C	STRATO A	STRATO A'
Soil model		Hardening Soil	Hardening Soil	Hardening Soil	Hardening Soil
Drainage type		Undrained B	Undrained B	Undrained B	Drained
Colour					
Comments					

Identification number		1	2	4	5
K_0 determination		Automatic	Automatic	Automatic	Automatic
K_0,x		1,000	1,000	1,000	0,7412
K_0,z		1,000	1,000	1,000	0,7412
POP	kN/m²	0,000	0,000	0,000	0,000
OCR		1,000	1,000	1,000	1,000

1.1.1.1.2 Materials - Soil and interfaces - Mohr-Coulomb

Identification number		3
Identification		RIPORTO
Soil model		Mohr-Coulomb
Drainage type		Drained
Colour		
Comments		
γ_unsat	kN/m³	0,1000
γ_sat	kN/m³	0,1000
e_init		0,5000
n_init		0,3333
Input method		Direct
Rayleigh α		0,000
Rayleigh β		0,000
Identification number		3
Identification		RIPORTO
Soil model		Mohr-Coulomb
Drainage type		Drained
Colour		
Comments		
E'_ref	kN/m²	50,00E3
ν (nu)		0,3000
Determination		ν-undrained definition
ν_u definition method		Direct
ν_u,equivalent (nu)		0,4950

Identification number		3
Skempton B		0,9783
K_w,ref/n	kN/m²	1,875E6
Identification number		3
Identification		RIPORTO
Soil model		Mohr-Coulomb
Drainage type		Drained
Colour		
Comments		
Classification type		Standard
Soil class (Standard)		Coarse
< 2 µm	%	10,00
2 µm - 50 µm	%	13,00
50 µm - 2 mm	%	77,00
Identification number		3
Identification		RIPORTO
Soil model		Mohr-Coulomb
Drainage type		Drained
Colour		
Comments		
c_s	kJ/t/K	0,000
λ_s	kW/m/K	0,000
ρ_s	t/m³	0,000
Thermal expansion type		Isotropic
α_sv	1/K	0,000
Phase change		False
D_v	m²/day	0,000

Identification number		3
f_Tv		0,000
Identification number		3
Identification		RIPORTO
Soil model		Mohr-Coulomb
Drainage type		Drained
Colour		
Comments		
Stiffness determination		Derived
Strength determination		Manual
R_inter		0,6600
Consider gap closure		True
Cross permeability		Impermeable
Drainage conductivity, dk	m^3/day/m	0,000
R_thermal	m^2 K/kW	0,000
Identification number		3
Identification		RIPORTO
Soil model		Mohr-Coulomb
Drainage type		Drained
Colour		
Comments		
K_0 determination		Automatic
K_0,x		0,3843
K_0,z		0,3843

1.1.1.2 Materials - Plates

Identification number		1	2
Identification		Paratia 800	PLINTO
Material type		Elastic	Elastic
Colour			
Comments			
w	kN/m/m	2,740	50,00
Input method		Direct	Direct
Rayleigh α		0,000	0,000
Rayleigh β		0,000	0,000
Prevent punching		False	False
Identification number		1	2
Identification		Paratia 800	PLINTO
Material type		Elastic	Elastic
Colour			
Comments			
Isotropic		True	True
Identification number		1	2
Identification		Paratia 800	PLINTO
Material type		Elastic	Elastic
Colour			
Comments			
c	kJ/t/K	0,000	0,000
λ	kW/m/K	0,000	0,000
ρ	t/m^3	0,000	0,000
α	1/K	0,000	0,000

Identification number		1	2
A_eff,T	m²	0,000	0,000

1.1.1.3 Materials - Geogrids

Identification number		1
Identification		Tirante
Material type		Elastic
Colour		
Comments		i=3.3 m
Identification number		1
Identification		Tirante
Material type		Elastic
Colour		
Comments		i=3.3 m
Isotropic		False
Identification number		1
Identification		Tirante
Material type		Elastic
Colour		
Comments		i=3.3 m
c	kJ/t/K	0,000
λ	kW/m/K	0,000
ρ	t/m³	0,000
α	1/K	0,000
A_eff,T	m²	0,000

1.1.1.4 Materials - Anchors

Identification number		1
Identification		tiranti
Material type		Elastic
Colour		
Comments		tubolari 139-8.8
Identification number		1
Identification		tiranti
Material type		Elastic
Colour		
Comments		tubolari 139-8.8
L_spacing	m	2,200
Identification number		1
Identification		tiranti
Material type		Elastic
Colour		
Comments		tubolari 139-8.8
c	kJ/t/K	0,000
λ	kW/m/K	0,000
ρ	t/m³	0,000
α	1/K	0,000
A_eff,T	m²	0,000

1.1.1.5 Materials - Embedded beams

Identification number		1
Identification		palo 1500
Material type		Elastic
Colour		
Comments		
γ	kN/m³	10,00
Input method		Direct
Rayleigh α		0,000
Rayleigh β		0,000
Identification number		1
Identification		palo 1500
Material type		Elastic
Colour		
Comments		
L_spacing	m	4,500
Cross section type		Predefined
Predefined cross section type		Solid circular beam
Diameter	m	1,500
A	m²	1,767
I	m⁴	0,2485
Axial skin resistance		Linear
T_skin, start, max	kN/m	210,0
T_skin, end, max	kN/m	210,0
Lateral resistance		Unlimited
F_max	kN	2078

Identification number	1
Default values	True
Axial stiffness factor	1,097
Lateral stiffness factor	1,097
Base stiffness factor	10,97

3.1.1.1.2 Calculation results, Plate, paratia [Phase_1] (1/8), Table of plate force envelopes

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_1	2432	1	0,000	-0,500	0,000	0,000	0,000	-0,068	-0,068	0,000	0,000	0,000	0,000
Element 1-1 (Plate)	2433	2	0,000	-0,625	-0,279	-0,279	0,000	-0,132	-0,132	0,000	-0,013	-0,013	0,000
(Paratia 800)	2434	3	0,000	-0,750	-0,558	-0,558	0,000	-0,171	-0,171	0,000	-0,032	-0,032	0,000
	2435	4	0,000	-0,875	-0,839	-0,839	0,000	-0,187	-0,187	0,000	-0,055	-0,055	0,000
	2431	5	0,000	-1,000	-1,120	-1,120	0,000	-0,179	-0,179	0,000	-0,078	-0,078	0,000
Plate_1_2	2431	1	0,000	-1,000	-1,120	-1,120	0,000	-0,193	-0,193	0,000	-0,078	-0,078	0,000
Element 2-2 (Plate)	2190	2	0,000	-1,250	-1,682	-1,682	0,000	-0,102	-0,102	0,000	-0,114	-0,114	0,000
(Paratia 800)	2191	3	0,000	-1,500	-2,246	-2,246	0,000	-0,019	-0,019	0,010	-0,129	-0,129	0,000
	2192	4	0,000	-1,750	-2,812	-2,812	0,000	0,050	0,000	0,050	-0,125	-0,125	0,000
	2233	5	0,000	-2,000	-3,380	-3,380	0,000	0,100	0,000	0,100	-0,106	-0,106	0,000
Plate_1_3	2233	1	0,000	-2,000	-3,380	-3,380	0,000	0,097	0,000	0,097	-0,106	-0,106	0,000
Element 3-3 (Plate)	2234	2	0,000	-2,125	-3,664	-3,664	0,000	0,109	0,000	0,109	-0,093	-0,093	0,000
(Paratia 800)	2235	3	0,000	-2,250	-3,950	-3,950	0,000	0,112	0,000	0,112	-0,079	-0,079	0,001
	2236	4	0,000	-2,375	-4,235	-4,235	0,000	0,106	0,000	0,106	-0,065	-0,065	0,009
	2407	5	0,000	-2,500	-4,521	-4,521	0,000	0,092	0,000	0,096	-0,053	-0,053	0,017
Plate_1_4	2407	1	0,000	-2,500	-4,521	-4,521	0,000	0,091	0,000	0,096	-0,053	-0,053	0,017
Element 4-4 (Plate)	2408	2	0,000	-2,650	-4,865	-4,865	0,000	0,061	0,000	0,076	-0,041	-0,041	0,026
(Paratia 800)	2409	3	0,000	-2,800	-5,210	-5,210	0,000	0,016	0,000	0,045	-0,035	-0,035	0,033
	2410	4	0,000	-2,950	-5,555	-5,555	0,000	-0,043	-0,043	0,022	-0,037	-0,037	0,038
	2498	5	0,000	-3,100	-5,900	-5,900	0,000	-0,116	-0,116	0,000	-0,049	-0,049	0,040
Plate_1_4	2498	1	0,000	-3,100	-5,900	-5,900	0,000	-0,116	-0,116	0,000	-0,049	-0,049	0,040
Element 4-5 (Plate)	2499	2	0,000	-3,200	-6,131	-6,131	0,000	-0,173	-0,173	0,000	-0,063	-0,063	0,039
(Paratia 800)	2500	3	0,000	-3,300	-6,362	-6,362	0,000	-0,235	-0,235	0,000	-0,084	-0,084	0,036
	2501	4	0,000	-3,400	-6,593	-6,593	0,000	-0,303	-0,303	0,000	-0,111	-0,111	0,031
	2652	5	0,000	-3,500	-6,824	-6,824	0,000	-0,376	-0,376	0,000	-0,145	-0,145	0,023
Plate_1_5	2652	1	0,000	-3,500	-6,824	-6,824	0,000	-0,376	-0,376	0,000	-0,145	-0,145	0,023

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Element 5-6 (Plate)	2653	2	0,000	-3,583	-7,017	-7,017	0,000	-0,440	-0,440	0,000	-0,179	-0,179	0,015
(Paratia 800)	2654	3	0,000	-3,667	-7,210	-7,210	0,000	-0,508	-0,508	0,000	-0,218	-0,218	0,005
	2655	4	0,000	-3,750	-7,404	-7,404	0,000	-0,578	-0,578	0,000	-0,263	-0,263	0,000
	2670	5	0,000	-3,833	-7,597	-7,597	0,000	-0,651	-0,651	0,000	-0,314	-0,314	0,000
Plate_1_6	2670	1	0,000	-3,833	-7,597	-7,597	0,000	-0,651	-0,651	0,000	-0,314	-0,314	0,000
Element 6-7 (Plate)	2671	2	0,000	-3,925	-7,809	-7,809	0,000	-0,734	-0,734	0,000	-0,378	-0,378	0,000
(Paratia 800)	2672	3	0,000	-4,017	-8,022	-8,022	0,000	-0,819	-0,819	0,000	-0,449	-0,449	0,000
	2673	4	0,000	-4,108	-8,235	-8,235	0,000	-0,906	-0,906	0,000	-0,528	-0,528	0,000
	2718	5	0,000	-4,200	-8,448	-8,448	0,000	-0,995	-0,995	0,000	-0,615	-0,615	0,000
Plate_1_7	2718	1	0,000	-4,200	-8,448	-8,448	0,000	-0,994	-0,994	0,000	-0,615	-0,615	0,000
Element 7-8 (Plate)	2719	2	0,000	-4,275	-8,622	-8,622	0,000	-1,067	-1,067	0,000	-0,692	-0,692	0,000
(Paratia 800)	2720	3	0,000	-4,350	-8,797	-8,797	0,000	-1,140	-1,140	0,000	-0,775	-0,775	0,000
	2721	4	0,000	-4,425	-8,971	-8,971	0,000	-1,212	-1,212	0,000	-0,863	-0,863	0,000
	2796	5	0,000	-4,500	-9,145	-9,145	0,000	-1,284	-1,284	0,000	-0,957	-0,957	0,000
Plate_1_8	2796	1	0,000	-4,500	-9,145	-9,145	0,000	-1,283	-1,283	0,000	-0,957	-0,957	0,000
Element 8-9 (Plate)	2797	2	0,000	-4,604	-9,387	-9,387	0,000	-1,381	-1,381	0,000	-1,096	-1,096	0,000
(Paratia 800)	2798	3	0,000	-4,708	-9,629	-9,629	0,000	-1,472	-1,472	0,000	-1,245	-1,245	0,000
	2799	4	0,000	-4,813	-9,871	-9,871	0,000	-1,556	-1,556	0,000	-1,402	-1,402	0,000
	3262	5	0,000	-4,917	-10,112	-10,112	0,000	-1,633	-1,633	0,000	-1,569	-1,569	0,000
Plate_1_8	3262	1	0,000	-4,917	-10,112	-10,112	0,000	-1,631	-1,631	0,000	-1,569	-1,569	0,000
Element 8-10 (Plate)	3263	2	0,000	-4,998	-10,301	-10,301	0,000	-1,683	-1,683	0,000	-1,703	-1,703	0,000
(Paratia 800)	3264	3	0,000	-5,079	-10,489	-10,489	0,000	-1,725	-1,725	0,000	-1,842	-1,842	0,000
	3265	4	0,000	-5,161	-10,677	-10,677	0,000	-1,755	-1,755	0,000	-1,983	-1,983	0,000
	3612	5	0,000	-5,242	-10,865	-10,865	0,000	-1,774	-1,774	0,000	-2,127	-2,127	0,000
Plate_1_8	3612	1	0,000	-5,242	-10,865	-10,865	0,000	-1,773	-1,773	0,000	-2,127	-2,127	0,000
Element 8-11 (Plate)	3613	2	0,000	-5,305	-11,011	-11,011	0,000	-1,776	-1,776	0,000	-2,239	-2,239	0,000
(Paratia 800)	3614	3	0,000	-5,369	-11,158	-11,158	0,000	-1,769	-1,769	0,000	-2,352	-2,352	0,000
	3615	4	0,000	-5,432	-11,304	-11,304	0,000	-1,751	-1,751	0,000	-2,463	-2,463	0,000
	4350	5	0,000	-5,495	-11,450	-11,450	0,000	-1,722	-1,722	0,000	-2,573	-2,573	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_9	4350	1	0,000	-5,495	-11,430	-11,430	0,000	-1,696	-1,696	0,000	-2,573	-2,573	0,000
Element 9-12 (Plate)	4351	2	0,000	-5,496	-11,430	-11,430	0,000	-1,693	-1,693	0,000	-2,575	-2,575	0,000
(Paratia 800)	4352	3	0,000	-5,498	-11,430	-11,430	0,000	-1,689	-1,689	0,000	-2,577	-2,577	0,000
	4353	4	0,000	-5,499	-11,430	-11,430	0,000	-1,685	-1,685	0,000	-2,579	-2,579	0,000
	4369	5	0,000	-5,500	-11,431	-11,431	0,000	-1,681	-1,681	0,000	-2,581	-2,581	0,000
Plate_1_10	4369	1	0,000	-5,500	-11,431	-11,431	0,000	-1,685	-1,685	0,000	-2,581	-2,581	0,000
Element 10-13 (Plate)	4370	2	0,000	-5,550	-11,439	-11,439	0,000	-1,518	-1,518	0,000	-2,661	-2,661	0,000
(Paratia 800)	4371	3	0,000	-5,599	-11,449	-11,449	0,000	-1,358	-1,358	0,000	-2,732	-2,732	0,000
	4372	4	0,000	-5,649	-11,459	-11,459	0,000	-1,205	-1,205	0,000	-2,796	-2,796	0,000
	4373	5	0,000	-5,698	-11,469	-11,469	0,000	-1,060	-1,060	0,000	-2,852	-2,852	0,000
Plate_1_10	4373	1	0,000	-5,698	-11,468	-11,468	0,000	-1,053	-1,053	0,000	-2,852	-2,852	0,000
Element 10-14 (Plate)	4337	2	0,000	-5,946	-11,530	-11,530	0,000	-0,432	-0,432	0,000	-3,033	-3,033	0,000
(Paratia 800)	4338	3	0,000	-6,194	-11,602	-11,602	0,000	0,053	-0,014	0,053	-3,077	-3,077	0,000
	4339	4	0,000	-6,442	-11,682	-11,682	0,000	0,408	0,000	0,408	-3,017	-3,017	0,000
	4554	5	0,000	-6,690	-11,772	-11,772	0,000	0,644	0,000	0,644	-2,885	-2,885	0,000
Plate_1_11	4554	1	0,000	-6,690	-11,770	-11,770	0,000	0,662	0,000	0,662	-2,885	-2,885	0,000
Element 12-34 (Plate)	4555	2	0,000	-7,054	-11,912	-11,912	0,000	0,855	0,000	0,855	-2,605	-2,605	0,000
(Paratia 800)	4556	3	0,000	-7,417	-12,062	-12,062	0,000	0,947	0,000	0,947	-2,275	-2,275	0,000
	4557	4	0,000	-7,781	-12,219	-12,219	0,000	0,952	0,000	0,952	-1,927	-1,927	0,000
	5132	5	0,000	-8,145	-12,382	-12,382	0,000	0,884	0,000	0,884	-1,592	-1,592	0,000
Plate_1_11	5132	1	0,000	-8,145	-12,381	-12,381	0,000	0,890	0,000	0,890	-1,592	-1,592	0,000
Element 12-35 (Plate)	5133	2	0,000	-8,459	-12,524	-12,524	0,000	0,798	0,000	0,798	-1,325	-1,325	0,000
(Paratia 800)	5134	3	0,000	-8,774	-12,667	-12,667	0,000	0,684	0,000	0,684	-1,092	-1,092	0,000
	5135	4	0,000	-9,089	-12,811	-12,811	0,000	0,551	0,000	0,551	-0,897	-0,897	0,000
	5256	5	0,000	-9,404	-12,956	-12,956	0,000	0,403	0,000	0,403	-0,746	-0,746	0,000
Plate_1_11	5256	1	0,000	-9,404	-12,956	-12,956	0,000	0,408	0,000	0,408	-0,746	-0,746	0,000
Element 12-36 (Plate)	5257	2	0,000	-9,677	-13,079	-13,079	0,000	0,289	0,000	0,289	-0,651	-0,651	0,000
(Paratia 800)	5258	3	0,000	-9,950	-13,201	-13,201	0,000	0,178	0,000	0,178	-0,588	-0,588	0,000
	5259	4	0,000	-10,223	-13,325	-13,325	0,000	0,079	-0,018	0,079	-0,553	-0,553	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	5274	5	0,000	-10,495	-13,449	-13,449	0,000	-0,007	-0,055	0,000	-0,543	-0,543	0,000
Plate_1_12	5274	1	0,000	-10,495	-13,447	-13,447	0,000	-0,011	-0,058	0,000	-0,543	-0,543	0,000
Element 13-37 (Plate)	5275	2	0,000	-10,765	-13,273	-13,273	0,000	0,048	-0,022	0,048	-0,538	-0,538	0,000
(Paratia 800)	5276	3	0,000	-11,034	-13,100	-13,100	0,000	0,091	0,000	0,091	-0,519	-0,519	0,000
	5277	4	0,000	-11,304	-12,926	-12,926	0,000	0,122	0,000	0,122	-0,490	-0,490	0,000
	5298	5	0,000	-11,574	-12,751	-12,751	0,000	0,140	0,000	0,140	-0,454	-0,454	0,000
Plate_1_12	5298	1	0,000	-11,574	-12,750	-12,750	0,000	0,139	0,000	0,139	-0,454	-0,454	0,000
Element 13-38 (Plate)	5299	2	0,000	-11,854	-12,564	-12,564	0,000	0,143	0,000	0,143	-0,415	-0,415	0,000
(Paratia 800)	5300	3	0,000	-12,135	-12,373	-12,373	0,000	0,137	0,000	0,137	-0,375	-0,375	0,000
	5301	4	0,000	-12,416	-12,175	-12,175	0,000	0,124	0,000	0,124	-0,338	-0,338	0,000
	5412	5	0,000	-12,697	-11,972	-11,972	0,000	0,103	0,000	0,103	-0,306	-0,306	0,000
Plate_1_12	5412	1	0,000	-12,697	-11,971	-11,971	0,000	0,104	0,000	0,104	-0,306	-0,306	0,000
Element 13-39 (Plate)	5413	2	0,000	-12,990	-11,750	-11,750	0,000	0,080	0,000	0,080	-0,279	-0,279	0,000
(Paratia 800)	5414	3	0,000	-13,282	-11,520	-11,520	0,000	0,054	0,000	0,054	-0,260	-0,260	0,000
	5415	4	0,000	-13,575	-11,279	-11,279	0,000	0,028	0,000	0,028	-0,248	-0,248	0,000
	5616	5	0,000	-13,868	-11,028	-11,028	0,000	0,003	0,000	0,013	-0,243	-0,243	0,000
Plate_1_12	5616	1	0,000	-13,868	-11,027	-11,027	0,000	0,003	0,000	0,013	-0,243	-0,243	0,000
Element 13-40 (Plate)	5617	2	0,000	-14,173	-10,753	-10,753	0,000	-0,020	-0,020	0,005	-0,246	-0,246	0,000
(Paratia 800)	5618	3	0,000	-14,478	-10,464	-10,464	0,000	-0,040	-0,040	0,000	-0,255	-0,255	0,000
	5619	4	0,000	-14,783	-10,161	-10,161	0,000	-0,055	-0,055	0,000	-0,270	-0,270	0,000
	5640	5	0,000	-15,088	-9,843	-9,843	0,000	-0,066	-0,066	0,000	-0,288	-0,288	0,000
Plate_1_12	5640	1	0,000	-15,088	-9,842	-9,842	0,000	-0,066	-0,066	0,000	-0,288	-0,288	0,000
Element 13-41 (Plate)	5641	2	0,000	-15,405	-9,495	-9,495	0,000	-0,072	-0,072	0,000	-0,310	-0,310	0,000
(Paratia 800)	5642	3	0,000	-15,723	-9,127	-9,127	0,000	-0,072	-0,072	0,000	-0,333	-0,333	0,000
	5643	4	0,000	-16,041	-8,740	-8,740	0,000	-0,066	-0,066	0,000	-0,356	-0,356	0,000
	5664	5	0,000	-16,358	-8,334	-8,334	0,000	-0,055	-0,055	0,000	-0,375	-0,375	0,000
Plate_1_12	5664	1	0,000	-16,358	-8,333	-8,333	0,000	-0,055	-0,055	0,000	-0,375	-0,375	0,000
Element 13-42 (Plate)	5665	2	0,000	-16,689	-7,887	-7,887	0,000	-0,037	-0,037	0,000	-0,390	-0,390	0,000
(Paratia 800)	5666	3	0,000	-17,021	-7,414	-7,414	0,000	-0,014	-0,014	0,002	-0,399	-0,399	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	5667	4	0,000	-17,352	-6,913	-6,913	0,000	0,016	0,000	0,017	-0,399	-0,399	0,000
	6144	5	0,000	-17,683	-6,385	-6,385	0,000	0,051	0,000	0,051	-0,388	-0,388	0,000
Plate_1_12	6144	1	0,000	-17,683	-6,382	-6,382	0,000	0,049	0,000	0,049	-0,388	-0,388	0,000
Element 13-43 (Plate)	6145	2	0,000	-18,028	-5,799	-5,799	0,000	0,093	0,000	0,093	-0,364	-0,364	0,000
(Paratia 800)	6146	3	0,000	-18,373	-5,173	-5,173	0,000	0,134	0,000	0,134	-0,325	-0,325	0,000
	6147	4	0,000	-18,717	-4,504	-4,504	0,000	0,176	0,000	0,176	-0,271	-0,271	0,000
	6734	5	0,000	-19,062	-3,790	-3,790	0,000	0,218	0,000	0,218	-0,203	-0,203	0,000
Plate_1_12	6734	1	0,000	-19,062	-3,777	-3,777	0,000	0,180	0,000	0,180	-0,203	-0,203	0,000
Element 13-44 (Plate)	6735	2	0,000	-19,422	-2,986	-2,986	0,000	0,214	0,000	0,214	-0,130	-0,130	0,000
(Paratia 800)	6736	3	0,000	-19,781	-2,102	-2,102	0,000	0,182	0,000	0,182	-0,058	-0,058	0,000
	6737	4	0,000	-20,141	-1,117	-1,117	0,000	0,089	0,000	0,089	-0,007	-0,007	0,000
	6738	5	0,000	-20,500	-0,023	-0,023	0,000	-0,060	-0,060	0,009	0,000	0,000	0,000

3.1.1.1.3 Calculation results, Plate, scavo [Phase_2] (2/11), Table of plate force envelopes

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_1	2432	1	0,000	-0,500	0,051	0,000	0,051	-0,274	-0,274	0,000	0,000	0,000	0,000
Element 1-1 (Plate)	2433	2	0,000	-0,625	-1,009	-1,009	0,000	3,319	-0,132	3,319	0,203	-0,013	0,203
(Paratia 800)	2434	3	0,000	-0,750	-2,089	-2,089	0,000	5,780	-0,171	5,780	0,782	-0,032	0,782
	2435	4	0,000	-0,875	-3,190	-3,190	0,000	7,246	-0,187	7,246	1,607	-0,055	1,607
	2431	5	0,000	-1,000	-4,310	-4,310	0,000	7,854	-0,179	7,854	2,558	-0,078	2,558
Plate_1_2	2431	1	0,000	-1,000	-4,314	-4,314	0,000	8,018	-0,193	8,018	2,558	-0,078	2,558
Element 2-2 (Plate)	2190	2	0,000	-1,250	-6,623	-6,623	0,000	8,608	-0,102	8,608	4,657	-0,114	4,657
(Paratia 800)	2191	3	0,000	-1,500	-9,026	-9,026	0,000	8,217	-0,019	8,217	6,780	-0,129	6,780
	2192	4	0,000	-1,750	-11,522	-11,522	0,000	6,880	0,000	6,880	8,688	-0,125	8,688
	2233	5	0,000	-2,000	-14,111	-14,111	0,000	4,630	0,000	5,056	10,145	-0,106	10,145
Plate_1_3	2233	1	0,000	-2,000	-14,115	-14,115	0,000	4,642	0,000	5,070	10,145	-0,106	10,145
Element 3-3 (Plate)	2234	2	0,000	-2,125	-15,451	-15,451	0,000	3,205	0,000	4,031	10,637	-0,093	10,637
(Paratia 800)	2235	3	0,000	-2,250	-16,815	-16,815	0,000	1,557	0,000	2,821	10,937	-0,079	10,937
	2236	4	0,000	-2,375	-18,209	-18,209	0,000	-0,301	-0,301	1,951	11,018	-0,065	11,018
	2407	5	0,000	-2,500	-19,629	-19,629	0,000	-2,368	-2,368	1,172	10,853	-0,053	10,853
Plate_1_4	2407	1	0,000	-2,500	-19,631	-19,631	0,000	-2,368	-2,368	1,172	10,853	-0,053	10,853
Element 4-4 (Plate)	2408	2	0,000	-2,650	-21,375	-21,375	0,000	-5,123	-5,123	0,110	10,295	-0,041	10,295
(Paratia 800)	2409	3	0,000	-2,800	-23,165	-23,165	0,000	-8,178	-8,178	0,045	9,301	-0,035	9,670
	2410	4	0,000	-2,950	-25,000	-25,000	0,000	-11,533	-11,533	0,022	7,826	-0,037	8,801
	2498	5	0,000	-3,100	-26,879	-26,879	0,000	-15,185	-15,185	0,000	5,827	-0,049	7,528
Plate_1_4	2498	1	0,000	-3,100	-26,880	-26,880	0,000	-15,186	-15,186	0,000	5,827	-0,049	7,528
Element 4-5 (Plate)	2499	2	0,000	-3,200	-28,159	-28,159	0,000	-17,787	-17,787	0,000	4,180	-0,063	6,437
(Paratia 800)	2500	3	0,000	-3,300	-29,460	-29,460	0,000	-20,522	-20,522	0,000	2,265	-0,084	5,139
	2501	4	0,000	-3,400	-30,782	-30,782	0,000	-23,390	-23,390	0,000	0,070	-0,111	4,443
	2652	5	0,000	-3,500	-32,125	-32,125	0,000	-26,390	-26,390	0,000	-2,417	-2,417	3,655
Plate_1_5	2652	1	0,000	-3,500	-32,125	-32,125	0,000	-26,391	-26,391	0,000	-2,417	-2,417	3,655

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Element 5-6 (Plate)	2653	2	0,000	-3,583	-33,261	-33,261	0,000	-28,992	-28,992	0,000	-4,723	-4,723	2,901
(Paratia 800)	2654	3	0,000	-3,667	-34,412	-34,412	0,000	-31,687	-31,687	0,000	-7,251	-7,251	2,055
	2655	4	0,000	-3,750	-35,578	-35,578	0,000	-34,474	-34,474	0,000	-10,008	-10,008	1,114
	2670	5	0,000	-3,833	-36,759	-36,759	0,000	-37,351	-37,351	0,000	-12,999	-12,999	0,075
Plate_1_6	2670	1	0,000	-3,833	-36,760	-36,760	0,000	-37,352	-37,352	0,000	-12,999	-12,999	0,075
Element 6-7 (Plate)	2671	2	0,000	-3,925	-38,076	-38,076	0,000	-40,623	-40,623	0,000	-16,571	-16,571	0,000
(Paratia 800)	2672	3	0,000	-4,017	-39,412	-39,412	0,000	-44,006	-44,006	0,000	-20,451	-20,451	0,000
	2673	4	0,000	-4,108	-40,766	-40,766	0,000	-47,498	-47,498	0,000	-24,645	-24,645	0,000
	2718	5	0,000	-4,200	-42,137	-42,137	0,000	-51,097	-51,097	0,000	-29,163	-29,163	0,000
Plate_1_7	2718	1	0,000	-4,200	-42,134	-42,134	0,000	-50,891	-50,891	0,000	-29,163	-29,163	0,000
Element 7-8 (Plate)	2719	2	0,000	-4,275	-42,022	-42,022	0,000	-49,364	-49,364	0,000	-32,919	-32,919	0,000
(Paratia 800)	2720	3	0,000	-4,350	-41,924	-41,924	0,000	-48,134	-48,134	0,000	-36,575	-36,575	0,000
	2721	4	0,000	-4,425	-41,841	-41,841	0,000	-47,169	-47,169	0,000	-40,148	-40,148	0,000
	2796	5	0,000	-4,500	-41,771	-41,771	0,000	-46,433	-46,433	0,000	-43,656	-43,656	0,000
Plate_1_8	2796	1	0,000	-4,500	-41,769	-41,769	0,000	-46,403	-46,403	0,000	-43,656	-43,656	0,000
Element 8-9 (Plate)	2797	2	0,000	-4,604	-41,690	-41,690	0,000	-45,554	-45,554	0,000	-48,443	-48,443	0,000
(Paratia 800)	2798	3	0,000	-4,708	-41,627	-41,627	0,000	-44,933	-44,933	0,000	-53,155	-53,155	0,000
	2799	4	0,000	-4,813	-41,579	-41,579	0,000	-44,535	-44,535	0,000	-57,815	-57,815	0,000
	3262	5	0,000	-4,917	-41,547	-41,547	0,000	-44,355	-44,355	0,000	-62,443	-62,443	0,000
Plate_1_8	3262	1	0,000	-4,917	-41,546	-41,546	0,000	-44,347	-44,347	0,000	-62,443	-62,443	0,000
Element 8-10 (Plate)	3263	2	0,000	-4,998	-41,530	-41,530	0,000	-44,367	-44,367	0,000	-66,045	-66,045	0,000
(Paratia 800)	3264	3	0,000	-5,079	-41,520	-41,520	0,000	-44,486	-44,486	0,000	-69,656	-69,656	0,000
	3265	4	0,000	-5,161	-41,516	-41,516	0,000	-44,695	-44,695	0,000	-73,279	-73,279	0,000
	3612	5	0,000	-5,242	-41,518	-41,518	0,000	-44,989	-44,989	0,000	-76,921	-76,921	0,000
Plate_1_8	3612	1	0,000	-5,242	-41,518	-41,518	0,000	-44,958	-44,958	0,000	-76,921	-76,921	0,000
Element 8-11 (Plate)	3613	2	0,000	-5,305	-41,523	-41,523	0,000	-45,209	-45,209	0,000	-79,778	-79,778	0,000
(Paratia 800)	3614	3	0,000	-5,369	-41,531	-41,531	0,000	-45,398	-45,398	0,000	-82,651	-82,651	0,000
	3615	4	0,000	-5,432	-41,541	-41,541	0,000	-45,509	-45,509	0,000	-85,532	-85,532	0,000
	4350	5	0,000	-5,495	-41,552	-41,552	0,000	-45,527	-45,527	0,000	-88,417	-88,417	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_9	4350	1	0,000	-5,495	-41,429	-41,429	0,000	-44,926	-44,926	0,000	-88,417	-88,417	0,000
Element 9-12 (Plate)	4351	2	0,000	-5,496	-41,415	-41,415	0,000	-44,846	-44,846	0,000	-88,470	-88,470	0,000
(Paratia 800)	4352	3	0,000	-5,498	-41,400	-41,400	0,000	-44,765	-44,765	0,000	-88,523	-88,523	0,000
	4353	4	0,000	-5,499	-41,385	-41,385	0,000	-44,683	-44,683	0,000	-88,576	-88,576	0,000
	4369	5	0,000	-5,500	-41,370	-41,370	0,000	-44,600	-44,600	0,000	-88,629	-88,629	0,000
Plate_1_10	4369	1	0,000	-5,500	-41,371	-41,371	0,000	-44,730	-44,730	0,000	-88,629	-88,629	0,000
Element 10-13 (Plate)	4370	2	0,000	-5,550	-40,751	-40,751	0,000	-40,923	-40,923	0,000	-90,751	-90,751	0,000
(Paratia 800)	4371	3	0,000	-5,599	-40,134	-40,134	0,000	-37,363	-37,363	0,000	-92,691	-92,691	0,000
	4372	4	0,000	-5,649	-39,523	-39,523	0,000	-34,038	-34,038	0,000	-94,461	-94,461	0,000
	4373	5	0,000	-5,698	-38,916	-38,916	0,000	-30,937	-30,937	0,000	-96,070	-96,070	0,000
Plate_1_10	4373	1	0,000	-5,698	-38,918	-38,918	0,000	-30,665	-30,665	0,000	-96,070	-96,070	0,000
Element 10-14 (Plate)	4337	2	0,000	-5,946	-35,957	-35,957	0,000	-17,385	-17,385	0,000	-101,978	-101,978	0,000
(Paratia 800)	4338	3	0,000	-6,194	-33,144	-33,144	0,000	-6,232	-6,232	0,053	-104,868	-104,868	0,000
	4339	4	0,000	-6,442	-30,479	-30,479	0,000	2,964	0,000	3,793	-105,230	-105,230	0,000
	4554	5	0,000	-6,690	-27,963	-27,963	0,000	10,370	0,000	10,370	-103,544	-103,544	0,000
Plate_1_11	4554	1	0,000	-6,690	-27,953	-27,953	0,000	10,550	0,000	10,550	-103,544	-103,544	0,000
Element 12-34 (Plate)	4555	2	0,000	-7,054	-24,534	-24,534	0,000	18,422	0,000	18,422	-98,182	-98,182	0,000
(Paratia 800)	4556	3	0,000	-7,417	-21,380	-21,380	0,000	23,426	0,000	23,426	-90,499	-90,499	0,000
	4557	4	0,000	-7,781	-18,486	-18,486	0,000	25,861	0,000	25,861	-81,452	-81,452	0,000
	5132	5	0,000	-8,145	-15,852	-15,852	0,000	26,023	0,000	26,023	-71,961	-71,961	0,000
Plate_1_11	5132	1	0,000	-8,145	-15,840	-15,840	0,000	26,227	0,000	26,227	-71,961	-71,961	0,000
Element 12-35 (Plate)	5133	2	0,000	-8,459	-13,736	-13,736	0,000	25,069	0,000	25,069	-63,864	-63,864	0,000
(Paratia 800)	5134	3	0,000	-8,774	-11,784	-12,667	0,000	23,206	0,000	23,206	-56,248	-56,248	0,000
	5135	4	0,000	-9,089	-9,984	-12,811	0,000	20,759	0,000	20,759	-49,305	-49,305	0,000
	5256	5	0,000	-9,404	-8,336	-12,956	0,000	17,854	0,000	17,854	-43,218	-43,218	0,000
Plate_1_11	5256	1	0,000	-9,404	-8,329	-12,956	0,000	17,963	0,000	17,963	-43,218	-43,218	0,000
Element 12-36 (Plate)	5257	2	0,000	-9,677	-7,009	-13,079	0,000	15,340	0,000	15,340	-38,677	-38,677	0,000
(Paratia 800)	5258	3	0,000	-9,950	-5,781	-13,201	0,000	12,783	0,000	12,783	-34,845	-34,845	0,000
	5259	4	0,000	-10,223	-4,645	-13,325	0,000	10,349	-0,018	10,349	-31,691	-31,691	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	5274	5	0,000	-10,495	-3,601	-13,449	0,000	8,097	-0,055	8,097	-29,182	-29,182	0,000
Plate_1_12	5274	1	0,000	-10,495	-3,596	-13,447	0,000	8,108	-0,058	8,108	-29,182	-29,182	0,000
Element 13-37 (Plate)	5275	2	0,000	-10,765	-1,797	-13,273	0,000	8,473	-0,022	8,473	-26,942	-26,942	0,000
(Paratia 800)	5276	3	0,000	-11,034	-0,116	-13,100	0,000	8,595	0,000	8,595	-24,635	-24,635	0,000
	5277	4	0,000	-11,304	1,447	-12,926	1,447	8,463	0,000	8,463	-22,330	-22,330	0,000
	5298	5	0,000	-11,574	2,892	-12,751	2,892	8,067	0,000	8,067	-20,096	-20,096	0,000
Plate_1_12	5298	1	0,000	-11,574	2,896	-12,750	2,896	8,104	0,000	8,104	-20,096	-20,096	0,000
Element 13-38 (Plate)	5299	2	0,000	-11,854	4,290	-12,564	4,290	7,533	0,000	7,533	-17,899	-17,899	0,000
(Paratia 800)	5300	3	0,000	-12,135	5,570	-12,373	5,570	6,892	0,000	6,892	-15,872	-15,872	0,000
	5301	4	0,000	-12,416	6,737	-12,175	6,737	6,205	0,000	6,205	-14,030	-14,030	0,000
	5412	5	0,000	-12,697	7,789	-11,972	7,789	5,496	0,000	5,496	-12,387	-12,387	0,000
Plate_1_12	5412	1	0,000	-12,697	7,791	-11,971	7,791	5,514	0,000	5,514	-12,387	-12,387	0,000
Element 13-39 (Plate)	5413	2	0,000	-12,990	8,768	-11,750	8,768	4,834	0,000	4,834	-10,875	-10,875	0,000
(Paratia 800)	5414	3	0,000	-13,282	9,630	-11,520	9,630	4,206	0,000	4,206	-9,553	-9,553	0,000
	5415	4	0,000	-13,575	10,378	-11,279	10,378	3,633	0,000	3,633	-8,407	-8,407	0,000
	5616	5	0,000	-13,868	11,011	-11,028	11,011	3,117	0,000	3,117	-7,421	-7,421	0,000
Plate_1_12	5616	1	0,000	-13,868	11,013	-11,027	11,013	3,116	0,000	3,116	-7,421	-7,421	0,000
Element 13-40 (Plate)	5617	2	0,000	-14,173	11,557	-10,753	11,557	2,644	-0,020	2,644	-6,544	-6,544	0,000
(Paratia 800)	5618	3	0,000	-14,478	11,988	-10,464	11,988	2,232	-0,040	2,232	-5,802	-5,802	0,000
	5619	4	0,000	-14,783	12,306	-10,161	12,306	1,880	-0,055	1,880	-5,177	-5,177	0,000
	5640	5	0,000	-15,088	12,511	-9,843	12,511	1,586	-0,066	1,586	-4,650	-4,650	0,000
Plate_1_12	5640	1	0,000	-15,088	12,513	-9,842	12,513	1,583	-0,066	1,583	-4,650	-4,650	0,000
Element 13-41 (Plate)	5641	2	0,000	-15,405	12,612	-9,495	12,612	1,331	-0,072	1,331	-4,188	-4,188	0,000
(Paratia 800)	5642	3	0,000	-15,723	12,597	-9,127	12,597	1,125	-0,072	1,125	-3,799	-3,799	0,000
	5643	4	0,000	-16,041	12,470	-8,740	12,470	0,962	-0,066	0,962	-3,469	-3,469	0,000
	5664	5	0,000	-16,358	12,230	-8,334	12,230	0,841	-0,055	0,841	-3,183	-3,183	0,000
Plate_1_12	5664	1	0,000	-16,358	12,232	-8,333	12,232	0,838	-0,055	0,838	-3,183	-3,183	0,000
Element 13-42 (Plate)	5665	2	0,000	-16,689	11,866	-7,887	11,866	0,746	-0,037	0,746	-2,922	-2,922	0,000
(Paratia 800)	5666	3	0,000	-17,021	11,386	-7,414	11,386	0,680	-0,014	0,680	-2,686	-2,686	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	5667	4	0,000	-17,352	10,791	-6,913	10,791	0,640	0,000	0,640	-2,469	-2,469	0,000
	6144	5	0,000	-17,683	10,082	-6,385	10,082	0,623	0,000	0,623	-2,260	-2,260	0,000
Plate_1_12	6144	1	0,000	-17,683	10,084	-6,382	10,084	0,623	0,000	0,623	-2,260	-2,260	0,000
Element 13-43 (Plate)	6145	2	0,000	-18,028	9,228	-5,799	9,228	0,618	0,000	0,618	-2,047	-2,047	0,000
(Paratia 800)	6146	3	0,000	-18,373	8,257	-5,173	8,257	0,633	0,000	0,633	-1,831	-1,831	0,000
	6147	4	0,000	-18,717	7,171	-4,504	7,171	0,659	0,000	0,659	-1,609	-1,609	0,000
	6734	5	0,000	-19,062	5,972	-3,790	5,972	0,690	0,000	0,690	-1,377	-1,377	0,000
Plate_1_12	6734	1	0,000	-19,062	5,981	-3,777	5,981	0,840	0,000	0,840	-1,377	-1,377	0,000
Element 13-44 (Plate)	6735	2	0,000	-19,422	4,607	-2,986	4,607	0,692	0,000	0,692	-1,139	-1,139	0,000
(Paratia 800)	6736	3	0,000	-19,781	3,137	-2,102	3,137	1,074	0,000	1,074	-0,801	-0,801	0,000
	6737	4	0,000	-20,141	1,584	-1,117	1,584	1,281	0,000	1,281	-0,388	-0,388	0,000
	6738	5	0,000	-20,500	-0,041	-0,041	0,000	0,608	-0,060	0,728	0,000	0,000	0,000

3.1.1.1.4 Calculation results, Plate, chiodo [Phase_3] (3/17), Table of plate force envelopes

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_1	2432	1	0,000	-0,500	0,051	0,000	0,051	-0,356	-0,368	0,000	0,000	0,000	0,000
Element 1-1 (Plate)	2433	2	0,000	-0,625	-1,016	-1,016	0,000	3,409	-0,132	3,409	0,205	-0,013	0,205
(Paratia 800)	2434	3	0,000	-0,750	-2,103	-2,103	0,000	5,908	-0,171	5,908	0,799	-0,032	0,799
	2435	4	0,000	-0,875	-3,210	-3,210	0,000	7,291	-0,187	7,291	1,636	-0,055	1,636
	2431	5	0,000	-1,000	-4,337	-4,337	0,000	7,706	-0,179	7,854	2,582	-0,078	2,582
Plate_1_2	2431	1	0,000	-1,000	-4,341	-4,341	0,000	7,898	-0,193	8,018	2,582	-0,078	2,582
Element 2-2 (Plate)	2190	2	0,000	-1,250	-6,658	-6,658	0,000	8,362	-0,102	8,608	4,635	-0,114	4,657
(Paratia 800)	2191	3	0,000	-1,500	-9,067	-9,067	0,000	7,847	-0,019	8,217	6,681	-0,129	6,780
	2192	4	0,000	-1,750	-11,569	-11,569	0,000	6,382	0,000	6,880	8,480	-0,125	8,688
	2233	5	0,000	-2,000	-14,163	-14,163	0,000	3,994	0,000	5,056	9,795	-0,106	10,145
Plate_1_3	2233	1	0,000	-2,000	-14,167	-14,167	0,000	4,007	0,000	5,070	9,795	-0,106	10,145
Element 3-3 (Plate)	2234	2	0,000	-2,125	-15,506	-15,506	0,000	2,495	0,000	4,031	10,204	-0,093	10,637
(Paratia 800)	2235	3	0,000	-2,250	-16,873	-16,873	0,000	0,768	0,000	2,821	10,410	-0,079	10,937
	2236	4	0,000	-2,375	-18,269	-18,269	0,000	-1,171	-1,171	1,951	10,387	-0,065	11,018
	2407	5	0,000	-2,500	-19,693	-19,693	0,000	-3,323	-3,323	1,172	10,109	-0,053	10,853
Plate_1_4	2407	1	0,000	-2,500	-19,695	-19,695	0,000	-3,322	-3,322	1,172	10,109	-0,053	10,853
Element 4-4 (Plate)	2408	2	0,000	-2,650	-21,443	-21,443	0,000	-6,183	-6,183	0,110	9,400	-0,041	10,295
(Paratia 800)	2409	3	0,000	-2,800	-23,238	-23,238	0,000	-9,348	-9,348	0,045	8,238	-0,035	9,670
	2410	4	0,000	-2,950	-25,078	-25,078	0,000	-12,816	-12,816	0,022	6,579	-0,037	8,801
	2498	5	0,000	-3,100	-26,962	-26,962	0,000	-16,587	-16,587	0,000	4,378	-0,049	7,528
Plate_1_4	2498	1	0,000	-3,100	-26,963	-26,963	0,000	-16,588	-16,588	0,000	4,378	-0,049	7,528
Element 4-5 (Plate)	2499	2	0,000	-3,200	-28,246	-28,246	0,000	-19,270	-19,270	0,000	2,587	-0,063	6,437
(Paratia 800)	2500	3	0,000	-3,300	-29,551	-29,551	0,000	-22,088	-22,088	0,000	0,520	-0,084	5,139
	2501	4	0,000	-3,400	-30,878	-30,878	0,000	-25,042	-25,042	0,000	-1,836	-1,836	4,443
	2652	5	0,000	-3,500	-32,225	-32,225	0,000	-28,130	-28,130	0,000	-4,493	-4,493	3,655
Plate_1_5	2652	1	0,000	-3,500	-32,226	-32,226	0,000	-28,131	-28,131	0,000	-4,493	-4,493	3,655

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Element 5-6 (Plate)	2653	2	0,000	-3,583	-33,365	-33,365	0,000	-30,808	-30,808	0,000	-6,947	-6,947	2,901
(Paratia 800)	2654	3	0,000	-3,667	-34,520	-34,520	0,000	-33,581	-33,581	0,000	-9,629	-9,629	2,055
	2655	4	0,000	-3,750	-35,691	-35,691	0,000	-36,449	-36,449	0,000	-12,547	-12,547	1,114
	2670	5	0,000	-3,833	-36,876	-36,876	0,000	-39,409	-39,409	0,000	-15,706	-15,706	0,075
Plate_1_6	2670	1	0,000	-3,833	-38,306	-38,306	0,000	-36,929	-37,352	0,000	-15,706	-15,706	0,075
Element 6-7 (Plate)	2671	2	0,000	-3,925	-39,628	-39,628	0,000	-40,295	-40,623	0,000	-19,244	-19,244	0,000
(Paratia 800)	2672	3	0,000	-4,017	-40,969	-40,969	0,000	-43,777	-44,006	0,000	-23,098	-23,098	0,000
	2673	4	0,000	-4,108	-42,328	-42,328	0,000	-47,374	-47,500	0,000	-27,276	-27,276	0,000
	2718	5	0,000	-4,200	-43,704	-43,704	0,000	-51,081	-51,131	0,000	-31,787	-31,787	0,000
Plate_1_7	2718	1	0,000	-4,200	-43,700	-43,700	0,000	-50,846	-50,913	0,000	-31,787	-31,787	0,000
Element 7-8 (Plate)	2719	2	0,000	-4,275	-43,587	-43,587	0,000	-49,790	-49,790	0,000	-35,559	-35,559	0,000
(Paratia 800)	2720	3	0,000	-4,350	-43,492	-43,492	0,000	-48,941	-48,941	0,000	-39,261	-39,261	0,000
	2721	4	0,000	-4,425	-43,414	-43,414	0,000	-48,272	-48,272	0,000	-42,906	-42,906	0,000
	2796	5	0,000	-4,500	-43,352	-43,352	0,000	-47,754	-47,754	0,000	-46,505	-46,505	0,000
Plate_1_8	2796	1	0,000	-4,500	-43,350	-43,350	0,000	-47,753	-47,753	0,000	-46,505	-46,505	0,000
Element 8-9 (Plate)	2797	2	0,000	-4,604	-43,282	-43,282	0,000	-47,069	-47,069	0,000	-51,442	-51,442	0,000
(Paratia 800)	2798	3	0,000	-4,708	-43,230	-43,230	0,000	-46,546	-46,546	0,000	-56,319	-56,319	0,000
	2799	4	0,000	-4,813	-43,194	-43,194	0,000	-46,195	-46,195	0,000	-61,149	-61,149	0,000
	3262	5	0,000	-4,917	-43,172	-43,172	0,000	-46,029	-46,029	0,000	-65,951	-65,951	0,000
Plate_1_8	3262	1	0,000	-4,917	-43,171	-43,171	0,000	-46,037	-46,037	0,000	-65,951	-65,951	0,000
Element 8-10 (Plate)	3263	2	0,000	-4,998	-43,163	-43,163	0,000	-46,094	-46,094	0,000	-69,692	-69,692	0,000
(Paratia 800)	3264	3	0,000	-5,079	-43,161	-43,161	0,000	-46,267	-46,267	0,000	-73,445	-73,445	0,000
	3265	4	0,000	-5,161	-43,165	-43,165	0,000	-46,549	-46,549	0,000	-77,216	-77,216	0,000
	3612	5	0,000	-5,242	-43,175	-43,175	0,000	-46,934	-46,934	0,000	-81,012	-81,012	0,000
Plate_1_8	3612	1	0,000	-5,242	-43,175	-43,175	0,000	-46,902	-46,902	0,000	-81,012	-81,012	0,000
Element 8-11 (Plate)	3613	2	0,000	-5,305	-43,186	-43,186	0,000	-47,245	-47,245	0,000	-83,995	-83,995	0,000
(Paratia 800)	3614	3	0,000	-5,369	-43,198	-43,198	0,000	-47,535	-47,535	0,000	-87,000	-87,000	0,000
	3615	4	0,000	-5,432	-43,213	-43,213	0,000	-47,753	-47,753	0,000	-90,020	-90,020	0,000
	4350	5	0,000	-5,495	-43,229	-43,229	0,000	-47,880	-47,880	0,000	-93,050	-93,050	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_9	4350	1	0,000	-5,495	-43,108	-43,108	0,000	-47,248	-47,248	0,000	-93,050	-93,050	0,000
Element 9-12 (Plate)	4351	2	0,000	-5,496	-43,093	-43,093	0,000	-47,162	-47,162	0,000	-93,106	-93,106	0,000
(Paratia 800)	4352	3	0,000	-5,498	-43,079	-43,079	0,000	-47,075	-47,075	0,000	-93,162	-93,162	0,000
	4353	4	0,000	-5,499	-43,064	-43,064	0,000	-46,987	-46,987	0,000	-93,218	-93,218	0,000
	4369	5	0,000	-5,500	-43,050	-43,050	0,000	-46,897	-46,897	0,000	-93,273	-93,273	0,000
Plate_1_10	4369	1	0,000	-5,500	-43,051	-43,051	0,000	-47,029	-47,029	0,000	-93,273	-93,273	0,000
Element 10-13 (Plate)	4370	2	0,000	-5,550	-42,442	-42,442	0,000	-42,973	-42,973	0,000	-95,503	-95,503	0,000
(Paratia 800)	4371	3	0,000	-5,599	-41,836	-41,836	0,000	-39,216	-39,216	0,000	-97,540	-97,540	0,000
	4372	4	0,000	-5,649	-41,234	-41,234	0,000	-35,740	-35,740	0,000	-99,397	-99,397	0,000
	4373	5	0,000	-5,698	-40,635	-40,635	0,000	-32,526	-32,526	0,000	-101,088	-101,088	0,000
Plate_1_10	4373	1	0,000	-5,698	-40,640	-40,640	0,000	-32,224	-32,224	0,000	-101,088	-101,088	0,000
Element 10-14 (Plate)	4337	2	0,000	-5,946	-37,703	-37,703	0,000	-18,586	-18,586	0,000	-107,337	-107,337	0,000
(Paratia 800)	4338	3	0,000	-6,194	-34,904	-34,904	0,000	-7,112	-7,112	0,053	-110,484	-110,484	0,000
	4339	4	0,000	-6,442	-32,244	-32,244	0,000	2,385	0,000	3,793	-111,027	-111,027	0,000
	4554	5	0,000	-6,690	-29,724	-29,724	0,000	10,093	0,000	10,370	-109,448	-109,448	0,000
Plate_1_11	4554	1	0,000	-6,690	-29,716	-29,716	0,000	10,261	0,000	10,550	-109,448	-109,448	0,000
Element 12-34 (Plate)	4555	2	0,000	-7,054	-26,289	-26,289	0,000	18,658	0,000	18,658	-104,095	-104,095	0,000
(Paratia 800)	4556	3	0,000	-7,417	-23,121	-23,121	0,000	24,146	0,000	24,146	-96,236	-96,236	0,000
	4557	4	0,000	-7,781	-20,208	-20,208	0,000	26,985	0,000	26,985	-86,851	-86,851	0,000
	5132	5	0,000	-8,145	-17,548	-17,548	0,000	27,434	0,000	27,434	-76,895	-76,895	0,000
Plate_1_11	5132	1	0,000	-8,145	-17,536	-17,536	0,000	27,615	0,000	27,615	-76,895	-76,895	0,000
Element 12-35 (Plate)	5133	2	0,000	-8,459	-15,403	-15,403	0,000	26,690	0,000	26,690	-68,320	-68,320	0,000
(Paratia 800)	5134	3	0,000	-8,774	-13,419	-13,419	0,000	24,912	0,000	24,912	-60,177	-60,177	0,000
	5135	4	0,000	-9,089	-11,585	-12,811	0,000	22,426	0,000	22,426	-52,699	-52,699	0,000
	5256	5	0,000	-9,404	-9,899	-12,956	0,000	19,380	0,000	19,380	-46,107	-46,107	0,000
Plate_1_11	5256	1	0,000	-9,404	-9,893	-12,956	0,000	19,509	0,000	19,509	-46,107	-46,107	0,000
Element 12-36 (Plate)	5257	2	0,000	-9,677	-8,538	-13,079	0,000	16,770	0,000	16,770	-41,161	-41,161	0,000
(Paratia 800)	5258	3	0,000	-9,950	-7,275	-13,201	0,000	14,092	0,000	14,092	-36,955	-36,955	0,000
	5259	4	0,000	-10,223	-6,105	-13,325	0,000	11,532	-0,018	11,532	-33,461	-33,461	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	5274	5	0,000	-10,495	-5,026	-13,449	0,000	9,144	-0,055	9,144	-30,647	-30,647	0,000
Plate_1_12	5274	1	0,000	-10,495	-5,022	-13,447	0,000	9,130	-0,058	9,130	-30,647	-30,647	0,000
Element 13-37 (Plate)	5275	2	0,000	-10,765	-3,175	-13,273	0,000	9,350	-0,022	9,350	-28,153	-28,153	0,000
(Paratia 800)	5276	3	0,000	-11,034	-1,447	-13,100	0,000	9,357	0,000	9,357	-25,625	-25,625	0,000
	5277	4	0,000	-11,304	0,162	-12,926	1,447	9,128	0,000	9,128	-23,128	-23,128	0,000
	5298	5	0,000	-11,574	1,653	-12,751	2,892	8,641	0,000	8,641	-20,727	-20,727	0,000
Plate_1_12	5298	1	0,000	-11,574	1,657	-12,750	2,896	8,675	0,000	8,675	-20,727	-20,727	0,000
Element 13-38 (Plate)	5299	2	0,000	-11,854	3,099	-12,564	4,290	8,022	0,000	8,022	-18,380	-18,380	0,000
(Paratia 800)	5300	3	0,000	-12,135	4,429	-12,373	5,570	7,304	0,000	7,304	-16,227	-16,227	0,000
	5301	4	0,000	-12,416	5,645	-12,175	6,737	6,544	0,000	6,544	-14,280	-14,280	0,000
	5412	5	0,000	-12,697	6,746	-11,972	7,789	5,764	0,000	5,764	-12,552	-12,552	0,000
Plate_1_12	5412	1	0,000	-12,697	6,748	-11,971	7,791	5,784	0,000	5,784	-12,552	-12,552	0,000
Element 13-39 (Plate)	5413	2	0,000	-12,990	7,774	-11,750	8,768	5,046	0,000	5,046	-10,969	-10,969	0,000
(Paratia 800)	5414	3	0,000	-13,282	8,685	-11,520	9,630	4,368	0,000	4,368	-9,593	-9,593	0,000
	5415	4	0,000	-13,575	9,480	-11,279	10,378	3,754	0,000	3,754	-8,405	-8,410	0,000
	5616	5	0,000	-13,868	10,159	-11,028	11,011	3,205	0,000	3,205	-7,389	-7,421	0,000
Plate_1_12	5616	1	0,000	-13,868	10,162	-11,027	11,013	3,204	0,000	3,204	-7,389	-7,421	0,000
Element 13-40 (Plate)	5617	2	0,000	-14,173	10,753	-10,753	11,557	2,704	-0,020	2,704	-6,490	-6,544	0,000
(Paratia 800)	5618	3	0,000	-14,478	11,229	-10,464	11,988	2,269	-0,040	2,269	-5,733	-5,802	0,000
	5619	4	0,000	-14,783	11,592	-10,161	12,306	1,899	-0,055	1,899	-5,099	-5,177	0,000
	5640	5	0,000	-15,088	11,841	-9,843	12,511	1,592	-0,066	1,592	-4,568	-4,650	0,000
Plate_1_12	5640	1	0,000	-15,088	11,843	-9,842	12,513	1,589	-0,066	1,589	-4,568	-4,650	0,000
Element 13-41 (Plate)	5641	2	0,000	-15,405	11,987	-9,495	12,612	1,327	-0,072	1,331	-4,107	-4,188	0,000
(Paratia 800)	5642	3	0,000	-15,723	12,016	-9,127	12,597	1,113	-0,072	1,125	-3,720	-3,799	0,000
	5643	4	0,000	-16,041	11,931	-8,740	12,470	0,945	-0,066	0,962	-3,394	-3,469	0,000
	5664	5	0,000	-16,358	11,733	-8,334	12,230	0,821	-0,055	0,841	-3,115	-3,183	0,000
Plate_1_12	5664	1	0,000	-16,358	11,735	-8,333	12,232	0,818	-0,055	0,838	-3,115	-3,183	0,000
Element 13-42 (Plate)	5665	2	0,000	-16,689	11,412	-7,887	11,866	0,723	-0,037	0,746	-2,861	-2,922	0,000
(Paratia 800)	5666	3	0,000	-17,021	10,973	-7,414	11,386	0,657	-0,014	0,680	-2,633	-2,686	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	5667	4	0,000	-17,352	10,420	-6,913	10,791	0,617	0,000	0,640	-2,423	-2,469	0,000
	6144	5	0,000	-17,683	9,752	-6,385	10,082	0,601	0,000	0,623	-2,222	-2,260	0,000
Plate_1_12	6144	1	0,000	-17,683	9,753	-6,382	10,084	0,601	0,000	0,623	-2,222	-2,260	0,000
Element 13-43 (Plate)	6145	2	0,000	-18,028	8,939	-5,799	9,228	0,598	0,000	0,618	-2,016	-2,047	0,000
(Paratia 800)	6146	3	0,000	-18,373	8,009	-5,173	8,257	0,614	0,000	0,633	-1,807	-1,831	0,000
	6147	4	0,000	-18,717	6,964	-4,504	7,171	0,642	0,000	0,659	-1,591	-1,609	0,000
	6734	5	0,000	-19,062	5,805	-3,790	5,972	0,676	0,000	0,690	-1,364	-1,377	0,000
Plate_1_12	6734	1	0,000	-19,062	5,814	-3,777	5,981	0,827	0,000	0,840	-1,364	-1,377	0,000
Element 13-44 (Plate)	6735	2	0,000	-19,422	4,481	-2,986	4,607	0,681	0,000	0,692	-1,130	-1,139	0,000
(Paratia 800)	6736	3	0,000	-19,781	3,053	-2,102	3,137	1,065	0,000	1,074	-0,796	-0,801	0,000
	6737	4	0,000	-20,141	1,542	-1,117	1,584	1,274	0,000	1,281	-0,385	-0,388	0,000
	6738	5	0,000	-20,500	-0,042	-0,042	0,000	0,603	-0,060	0,728	0,000	0,000	0,000

3.1.1.1.5 Calculation results, Plate, scavo per plinto [Phase_4] (4/20), Table of plate force envelopes

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_1	2432	1	0,000	-0,500	0,050	0,000	0,051	-0,386	-0,386	0,000	0,000	0,000	0,000
Element 1-1 (Plate)	2433	2	0,000	-0,625	-1,251	-1,251	0,000	4,256	-0,132	4,261	0,259	-0,013	0,260
(Paratia 800)	2434	3	0,000	-0,750	-2,570	-2,570	0,000	7,423	-0,171	7,428	1,001	-0,032	1,003
	2435	4	0,000	-0,875	-3,908	-3,908	0,000	9,296	-0,187	9,316	2,061	-0,055	2,065
	2431	5	0,000	-1,000	-5,263	-5,263	0,000	10,057	-0,179	10,104	3,280	-0,078	3,288
Plate_1_2	2431	1	0,000	-1,000	-5,267	-5,267	0,000	10,280	-0,193	10,329	3,280	-0,078	3,288
Element 2-2 (Plate)	2190	2	0,000	-1,250	-8,034	-8,034	0,000	11,391	-0,102	11,502	6,010	-0,114	6,037
(Paratia 800)	2191	3	0,000	-1,500	-10,886	-10,886	0,000	11,512	-0,019	11,686	8,893	-0,129	8,956
	2192	4	0,000	-1,750	-13,823	-13,823	0,000	10,678	0,000	10,918	11,687	-0,125	11,802
	2233	5	0,000	-2,000	-16,845	-16,845	0,000	8,925	0,000	9,234	14,156	-0,106	14,339
Plate_1_3	2233	1	0,000	-2,000	-16,850	-16,850	0,000	8,941	0,000	9,251	14,156	-0,106	14,339
Element 3-3 (Plate)	2234	2	0,000	-2,125	-18,400	-18,400	0,000	7,756	0,000	8,103	15,201	-0,093	15,425
(Paratia 800)	2235	3	0,000	-2,250	-19,978	-19,978	0,000	6,365	0,000	6,749	16,086	-0,079	16,356
	2236	4	0,000	-2,375	-21,584	-21,584	0,000	4,767	-1,171	5,190	16,784	-0,065	17,104
	2407	5	0,000	-2,500	-23,215	-23,215	0,000	2,964	-3,323	3,427	17,269	-0,053	17,645
Plate_1_4	2407	1	0,000	-2,500	-23,216	-23,216	0,000	2,966	-3,322	3,428	17,269	-0,053	17,645
Element 4-4 (Plate)	2408	2	0,000	-2,650	-25,212	-25,212	0,000	0,536	-6,183	1,047	17,535	-0,041	17,984
(Paratia 800)	2409	3	0,000	-2,800	-27,251	-27,251	0,000	-2,183	-9,348	0,045	17,415	-0,035	17,945
	2410	4	0,000	-2,950	-29,335	-29,335	0,000	-5,190	-12,816	0,022	16,866	-0,037	17,483
	2498	5	0,000	-3,100	-31,460	-31,460	0,000	-8,484	-16,587	0,000	15,844	-0,049	16,557
Plate_1_4	2498	1	0,000	-3,100	-31,461	-31,461	0,000	-8,484	-16,588	0,000	15,844	-0,049	16,557
Element 4-5 (Plate)	2499	2	0,000	-3,200	-32,903	-32,903	0,000	-10,838	-19,270	0,000	14,879	-0,063	15,661
(Paratia 800)	2500	3	0,000	-3,300	-34,367	-34,367	0,000	-13,319	-22,088	0,000	13,672	-0,084	14,525
	2501	4	0,000	-3,400	-35,851	-35,851	0,000	-15,926	-25,042	0,000	12,211	-1,836	13,139
	2652	5	0,000	-3,500	-37,355	-37,355	0,000	-18,658	-28,130	0,000	10,483	-4,493	11,491
Plate_1_5	2652	1	0,000	-3,500	-37,356	-37,356	0,000	-18,658	-28,131	0,000	10,483	-4,493	11,491

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Element 5-6 (Plate)	2653	2	0,000	-3,583	-38,625	-38,625	0,000	-21,030	-30,808	0,000	8,831	-6,947	9,907
(Paratia 800)	2654	3	0,000	-3,667	-39,909	-39,909	0,000	-23,490	-33,581	0,000	6,976	-9,629	8,124
	2655	4	0,000	-3,750	-41,208	-41,208	0,000	-26,036	-36,449	0,000	4,913	-12,547	6,135
	2670	5	0,000	-3,833	-42,521	-42,521	0,000	-28,666	-39,409	0,000	2,635	-15,706	3,934
Plate_1_6	2670	1	0,000	-3,833	-65,823	-65,823	0,000	11,762	-37,352	11,762	2,635	-15,706	3,934
Element 6-7 (Plate)	2671	2	0,000	-3,925	-67,284	-67,284	0,000	8,771	-40,623	8,771	3,577	-19,244	4,690
(Paratia 800)	2672	3	0,000	-4,017	-68,764	-68,764	0,000	5,679	-44,006	5,679	4,240	-23,098	5,170
	2673	4	0,000	-4,108	-70,261	-70,261	0,000	2,489	-47,500	2,489	4,615	-27,276	5,366
	2718	5	0,000	-4,200	-71,775	-71,775	0,000	-0,797	-51,131	0,000	4,693	-31,787	5,269
Plate_1_7	2718	1	0,000	-4,200	-71,775	-71,775	0,000	-0,797	-50,913	0,000	4,693	-31,787	5,269
Element 7-8 (Plate)	2719	2	0,000	-4,275	-73,026	-73,026	0,000	-3,556	-49,790	0,000	4,531	-35,559	4,967
(Paratia 800)	2720	3	0,000	-4,350	-74,289	-74,289	0,000	-6,378	-48,941	0,000	4,158	-39,261	4,464
	2721	4	0,000	-4,425	-75,562	-75,562	0,000	-9,261	-48,272	0,000	3,572	-42,906	3,754
	2796	5	0,000	-4,500	-76,845	-76,845	0,000	-12,203	-47,754	0,000	2,768	-46,505	2,833
Plate_1_8	2796	1	0,000	-4,500	-76,845	-76,845	0,000	-12,201	-47,753	0,000	2,768	-46,505	2,833
Element 8-9 (Plate)	2797	2	0,000	-4,604	-78,645	-78,645	0,000	-16,386	-47,069	0,000	1,280	-51,442	1,280
(Paratia 800)	2798	3	0,000	-4,708	-80,463	-80,463	0,000	-20,671	-46,546	0,000	-0,650	-56,319	0,000
	2799	4	0,000	-4,813	-82,295	-82,295	0,000	-25,052	-46,195	0,000	-3,032	-61,149	0,000
	3262	5	0,000	-4,917	-84,141	-84,141	0,000	-29,521	-46,029	0,000	-5,873	-65,951	0,000
Plate_1_8	3262	1	0,000	-4,917	-84,138	-84,138	0,000	-29,514	-46,037	0,000	-5,873	-65,951	0,000
Element 8-10 (Plate)	3263	2	0,000	-4,998	-85,584	-85,584	0,000	-33,049	-46,094	0,000	-8,414	-69,692	0,000
(Paratia 800)	3264	3	0,000	-5,079	-87,028	-87,028	0,000	-36,607	-46,267	0,000	-11,245	-73,445	0,000
	3265	4	0,000	-5,161	-88,466	-88,465	0,000	-40,182	-46,549	0,000	-14,365	-77,216	0,000
	3612	5	0,000	-5,242	-89,895	-89,895	0,000	-43,764	-46,934	0,000	-17,775	-81,012	0,000
Plate_1_8	3612	1	0,000	-5,242	-89,875	-89,875	0,000	-43,747	-46,902	0,000	-17,775	-81,012	0,000
Element 8-11 (Plate)	3613	2	0,000	-5,305	-90,986	-90,986	0,000	-46,525	-48,033	0,000	-20,635	-83,995	0,000
(Paratia 800)	3614	3	0,000	-5,369	-92,039	-92,039	0,000	-49,247	-49,759	0,000	-23,671	-87,000	0,000
	3615	4	0,000	-5,432	-93,008	-93,008	0,000	-51,853	-52,320	0,000	-26,876	-90,020	0,000
	4350	5	0,000	-5,495	-93,873	-93,873	0,000	-54,279	-54,711	0,000	-30,239	-93,050	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_9	4350	1	0,000	-5,495	-93,934	-93,934	0,000	-53,238	-53,693	0,000	-30,239	-93,050	0,000
Element 9-12 (Plate)	4351	2	0,000	-5,496	-93,985	-93,985	0,000	-53,247	-53,702	0,000	-30,302	-93,106	0,000
(Paratia 800)	4352	3	0,000	-5,498	-94,036	-94,036	0,000	-53,243	-53,698	0,000	-30,365	-93,162	0,000
	4353	4	0,000	-5,499	-94,086	-94,086	0,000	-53,227	-53,683	0,000	-30,428	-93,218	0,000
	4369	5	0,000	-5,500	-94,136	-94,136	0,000	-53,198	-53,655	0,000	-30,491	-93,273	0,000
Plate_1_10	4369	1	0,000	-5,500	-94,187	-94,187	0,000	-53,487	-53,951	0,000	-30,491	-93,273	0,000
Element 10-13 (Plate)	4370	2	0,000	-5,550	-96,068	-96,068	0,000	-51,427	-51,892	0,000	-33,090	-95,503	0,000
(Paratia 800)	4371	3	0,000	-5,599	-97,871	-97,871	0,000	-49,859	-50,310	0,000	-35,599	-97,540	0,000
	4372	4	0,000	-5,649	-99,603	-99,603	0,000	-48,763	-49,191	0,000	-38,043	-99,397	0,000
	4373	5	0,000	-5,698	-101,273	-101,273	0,000	-48,122	-48,519	0,000	-40,443	-101,088	0,000
Plate_1_10	4373	1	0,000	-5,698	-101,366	-101,366	0,000	-47,618	-48,018	0,000	-40,443	-101,088	0,000
Element 10-14 (Plate)	4337	2	0,000	-5,946	-109,294	-109,294	0,000	-48,056	-48,259	0,000	-52,224	-107,337	0,000
(Paratia 800)	4338	3	0,000	-6,194	-116,987	-116,987	0,000	-51,821	-51,821	0,053	-64,550	-110,484	0,000
	4339	4	0,000	-6,442	-124,463	-124,463	0,000	-58,571	-58,571	3,793	-78,171	-111,027	0,000
	4554	5	0,000	-6,690	-131,743	-131,743	0,000	-67,970	-67,970	10,370	-93,806	-109,448	0,000
Plate_1_11	4554	1	0,000	-6,690	-131,488	-131,488	0,000	-62,324	-62,324	10,550	-93,806	-109,448	0,000
Element 12-34 (Plate)	4555	2	0,000	-7,054	-123,202	-123,202	0,000	-25,521	-25,521	18,658	-109,333	-109,799	0,000
(Paratia 800)	4556	3	0,000	-7,417	-115,737	-115,737	0,000	-0,864	-0,864	24,146	-113,885	-113,885	0,000
	4557	4	0,000	-7,781	-109,031	-109,031	0,000	14,023	0,000	26,985	-111,145	-111,145	0,000
	5132	5	0,000	-8,145	-103,015	-103,015	0,000	21,521	0,000	27,434	-104,534	-104,534	0,000
Plate_1_11	5132	1	0,000	-8,145	-102,928	-102,928	0,000	22,406	0,000	27,649	-104,534	-104,534	0,000
Element 12-35 (Plate)	5133	2	0,000	-8,459	-98,012	-98,012	0,000	26,198	0,000	28,651	-96,822	-96,822	0,000
(Paratia 800)	5134	3	0,000	-8,774	-93,360	-93,360	0,000	27,903	0,000	28,921	-88,255	-88,255	0,000
	5135	4	0,000	-9,089	-88,968	-88,968	0,000	27,726	0,000	28,427	-79,440	-79,440	0,000
	5256	5	0,000	-9,404	-84,832	-84,832	0,000	25,873	0,000	26,248	-70,964	-70,964	0,000
Plate_1_11	5256	1	0,000	-9,404	-84,815	-84,815	0,000	26,051	0,000	26,432	-70,964	-70,964	0,000
Element 12-36 (Plate)	5257	2	0,000	-9,677	-81,386	-81,386	0,000	23,557	0,000	23,657	-64,187	-64,187	0,000
(Paratia 800)	5258	3	0,000	-9,950	-78,091	-78,091	0,000	20,633	0,000	20,633	-58,155	-58,155	0,000
	5259	4	0,000	-10,223	-74,933	-74,933	0,000	17,402	-0,018	17,402	-52,957	-52,957	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	5274	5	0,000	-10,495	-71,914	-71,914	0,000	13,984	-0,055	13,984	-48,677	-48,677	0,000
Plate_1_12	5274	1	0,000	-10,495	-71,900	-71,900	0,000	14,560	-0,058	14,560	-48,677	-48,677	0,000
Element 13-37 (Plate)	5275	2	0,000	-10,765	-67,245	-67,245	0,000	14,700	-0,022	14,700	-44,719	-44,719	0,000
(Paratia 800)	5276	3	0,000	-11,034	-62,758	-62,758	0,000	14,301	0,000	14,301	-40,801	-40,801	0,000
	5277	4	0,000	-11,304	-58,441	-58,441	1,447	13,479	0,000	13,479	-37,045	-37,045	0,000
	5298	5	0,000	-11,574	-54,297	-54,297	2,892	12,354	0,000	12,354	-33,560	-33,560	0,000
Plate_1_12	5298	1	0,000	-11,574	-54,292	-54,292	2,896	12,450	0,000	12,450	-33,560	-33,560	0,000
Element 13-38 (Plate)	5299	2	0,000	-11,854	-50,143	-50,143	4,290	11,407	0,000	11,407	-30,211	-30,211	0,000
(Paratia 800)	5300	3	0,000	-12,135	-46,165	-46,165	5,570	10,427	0,000	10,427	-27,146	-27,146	0,000
	5301	4	0,000	-12,416	-42,361	-42,361	6,737	9,515	0,000	9,516	-24,346	-24,346	0,000
	5412	5	0,000	-12,697	-38,731	-38,731	7,789	8,677	0,000	8,713	-21,794	-21,794	0,000
Plate_1_12	5412	1	0,000	-12,697	-38,728	-38,728	7,791	8,674	0,000	8,714	-21,794	-21,794	0,000
Element 13-39 (Plate)	5413	2	0,000	-12,990	-35,126	-35,126	8,768	7,884	0,000	7,915	-19,373	-19,373	0,000
(Paratia 800)	5414	3	0,000	-13,282	-31,700	-31,700	9,630	7,167	0,000	7,167	-17,172	-17,172	0,000
	5415	4	0,000	-13,575	-28,450	-28,450	10,378	6,523	0,000	6,523	-15,170	-15,170	0,000
	5616	5	0,000	-13,868	-25,380	-25,380	11,011	5,951	0,000	5,951	-13,347	-13,347	0,000
Plate_1_12	5616	1	0,000	-13,868	-25,377	-25,377	11,013	5,944	0,000	5,944	-13,347	-13,347	0,000
Element 13-40 (Plate)	5617	2	0,000	-14,173	-22,362	-22,362	11,557	5,410	-0,020	5,410	-11,617	-11,617	0,000
(Paratia 800)	5618	3	0,000	-14,478	-19,529	-19,529	11,988	4,923	-0,040	4,923	-10,042	-10,042	0,000
	5619	4	0,000	-14,783	-16,881	-16,881	12,306	4,478	-0,055	4,478	-8,610	-8,610	0,000
	5640	5	0,000	-15,088	-14,420	-14,420	12,511	4,072	-0,066	4,072	-7,307	-7,307	0,000
Plate_1_12	5640	1	0,000	-15,088	-14,418	-14,418	12,513	4,048	-0,066	4,048	-7,307	-7,307	0,000
Element 13-41 (Plate)	5641	2	0,000	-15,405	-12,045	-12,045	12,612	3,634	-0,072	3,634	-6,085	-6,085	0,000
(Paratia 800)	5642	3	0,000	-15,723	-9,868	-9,868	12,597	3,146	-0,072	3,146	-5,006	-5,006	0,000
	5643	4	0,000	-16,041	-7,890	-8,740	12,470	2,576	-0,066	2,576	-4,095	-4,095	0,000
	5664	5	0,000	-16,358	-6,111	-8,334	12,230	1,913	-0,055	1,913	-3,379	-3,379	0,000
Plate_1_12	5664	1	0,000	-16,358	-6,110	-8,333	12,232	1,951	-0,055	1,951	-3,379	-3,379	0,000
Element 13-42 (Plate)	5665	2	0,000	-16,689	-4,472	-7,887	11,866	1,357	-0,037	1,357	-2,835	-2,922	0,000
(Paratia 800)	5666	3	0,000	-17,021	-3,051	-7,414	11,386	0,873	-0,014	0,873	-2,468	-2,686	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	5667	4	0,000	-17,352	-1,847	-6,913	10,791	0,496	0,000	0,640	-2,245	-2,469	0,000
	6144	5	0,000	-17,683	-0,860	-6,385	10,082	0,225	0,000	0,623	-2,128	-2,295	0,000
Plate_1_12	6144	1	0,000	-17,683	-0,855	-6,382	10,084	0,227	0,000	0,623	-2,128	-2,295	0,000
Element 13-43 (Plate)	6145	2	0,000	-18,028	-0,054	-5,799	9,228	0,031	-0,028	0,618	-2,087	-2,193	0,000
(Paratia 800)	6146	3	0,000	-18,373	0,530	-5,173	8,257	-0,051	-0,051	0,633	-2,093	-2,203	0,000
	6147	4	0,000	-18,717	0,897	-4,504	7,171	-0,034	-0,034	0,659	-2,111	-2,212	0,000
	6734	5	0,000	-19,062	1,051	-3,790	5,972	0,064	0,000	0,690	-2,108	-2,188	0,000
Plate_1_12	6734	1	0,000	-19,062	1,075	-3,777	5,981	0,454	0,000	0,840	-2,108	-2,188	0,000
Element 13-44 (Plate)	6735	2	0,000	-19,422	1,001	-2,986	4,607	0,329	0,000	0,692	-2,084	-2,137	0,000
(Paratia 800)	6736	3	0,000	-19,781	0,764	-2,102	3,137	1,847	0,000	1,847	-1,629	-1,688	0,000
	6737	4	0,000	-20,141	0,390	-1,117	1,584	2,793	0,000	2,828	-0,825	-0,885	0,000
	6738	5	0,000	-20,500	-0,096	-0,096	0,000	0,955	-0,060	1,385	0,000	0,000	0,000

3.1.1.1.6 Calculation results, Plate, scavo totale a valle [Phase_5] (5/23), Table of plate force envelopes

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_1	2432	1	0,000	-0,500	0,049	0,000	0,051	-0,318	-0,386	0,000	0,000	0,000	0,000
Element 1-1 (Plate)	2433	2	0,000	-0,625	-1,315	-1,315	0,000	4,089	-0,132	4,261	0,253	-0,013	0,260
(Paratia 800)	2434	3	0,000	-0,750	-2,698	-2,698	0,000	7,009	-0,171	7,428	0,959	-0,032	1,003
	2435	4	0,000	-0,875	-4,097	-4,097	0,000	8,641	-0,187	9,316	1,952	-0,055	2,065
	2431	5	0,000	-1,000	-5,515	-5,515	0,000	9,182	-0,179	10,104	3,075	-0,078	3,288
Plate_1_2	2431	1	0,000	-1,000	-5,519	-5,519	0,000	9,379	-0,193	10,329	3,075	-0,078	3,288
Element 2-2 (Plate)	2190	2	0,000	-1,250	-8,410	-8,410	0,000	10,059	-0,102	11,502	5,525	-0,114	6,037
(Paratia 800)	2191	3	0,000	-1,500	-11,386	-11,386	0,000	9,780	-0,019	11,686	8,024	-0,129	8,956
	2192	4	0,000	-1,750	-14,447	-14,447	0,000	8,575	0,000	10,918	10,339	-0,125	11,802
	2233	5	0,000	-2,000	-17,594	-17,594	0,000	6,477	0,000	9,234	12,237	-0,106	14,339
Plate_1_3	2233	1	0,000	-2,000	-17,598	-17,598	0,000	6,491	0,000	9,251	12,237	-0,106	14,339
Element 3-3 (Plate)	2234	2	0,000	-2,125	-19,211	-19,211	0,000	5,142	0,000	8,103	12,966	-0,093	15,425
(Paratia 800)	2235	3	0,000	-2,250	-20,852	-20,852	0,000	3,590	0,000	6,749	13,514	-0,079	16,356
	2236	4	0,000	-2,375	-22,520	-22,520	0,000	1,837	-1,171	5,190	13,856	-0,065	17,104
	2407	5	0,000	-2,500	-24,215	-24,215	0,000	-0,116	-3,323	3,427	13,965	-0,053	17,645
Plate_1_4	2407	1	0,000	-2,500	-24,216	-24,216	0,000	-0,116	-3,322	3,428	13,965	-0,053	17,645
Element 4-4 (Plate)	2408	2	0,000	-2,650	-26,288	-26,288	0,000	-2,720	-6,183	1,047	13,756	-0,041	17,984
(Paratia 800)	2409	3	0,000	-2,800	-28,404	-28,404	0,000	-5,607	-9,348	0,045	13,135	-0,035	17,945
	2410	4	0,000	-2,950	-30,563	-30,563	0,000	-8,775	-12,816	0,022	12,060	-0,037	17,483
	2498	5	0,000	-3,100	-32,766	-32,766	0,000	-12,223	-16,587	0,000	10,489	-0,049	16,557
Plate_1_4	2498	1	0,000	-3,100	-32,767	-32,767	0,000	-12,223	-16,588	0,000	10,489	-0,049	16,557
Element 4-5 (Plate)	2499	2	0,000	-3,200	-34,260	-34,260	0,000	-14,676	-19,270	0,000	9,145	-0,063	15,661
(Paratia 800)	2500	3	0,000	-3,300	-35,776	-35,776	0,000	-17,254	-22,088	0,000	7,549	-0,084	14,525
	2501	4	0,000	-3,400	-37,311	-37,311	0,000	-19,955	-25,042	0,000	5,690	-1,836	13,139
	2652	5	0,000	-3,500	-38,867	-38,867	0,000	-22,777	-28,130	0,000	3,555	-4,493	11,491
Plate_1_5	2652	1	0,000	-3,500	-38,868	-38,868	0,000	-22,778	-28,131	0,000	3,555	-4,493	11,491

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Element 5-6 (Plate)	2653	2	0,000	-3,583	-40,180	-40,180	0,000	-25,223	-30,808	0,000	1,556	-6,947	9,907
(Paratia 800)	2654	3	0,000	-3,667	-41,508	-41,508	0,000	-27,755	-33,581	0,000	-0,651	-9,629	8,124
	2655	4	0,000	-3,750	-42,850	-42,850	0,000	-30,371	-36,449	0,000	-3,073	-12,547	6,135
	2670	5	0,000	-3,833	-44,207	-44,207	0,000	-33,069	-39,409	0,000	-5,715	-15,706	3,934
Plate_1_6	2670	1	0,000	-3,833	-73,167	-73,167	0,000	17,176	-37,352	17,176	-5,715	-15,706	3,934
Element 6-7 (Plate)	2671	2	0,000	-3,925	-74,676	-74,676	0,000	14,112	-40,623	14,112	-4,280	-19,244	4,690
(Paratia 800)	2672	3	0,000	-4,017	-76,204	-76,204	0,000	10,949	-44,006	10,949	-3,130	-23,098	5,170
	2673	4	0,000	-4,108	-77,749	-77,749	0,000	7,689	-47,500	7,689	-2,275	-27,276	5,366
	2718	5	0,000	-4,200	-79,311	-79,311	0,000	4,335	-51,131	4,335	-1,723	-31,787	5,269
Plate_1_7	2718	1	0,000	-4,200	-79,312	-79,312	0,000	4,334	-50,913	4,334	-1,723	-31,787	5,269
Element 7-8 (Plate)	2719	2	0,000	-4,275	-80,602	-80,602	0,000	1,520	-49,790	1,520	-1,504	-35,559	4,967
(Paratia 800)	2720	3	0,000	-4,350	-81,905	-81,905	0,000	-1,358	-48,941	0,000	-1,497	-39,261	4,464
	2721	4	0,000	-4,425	-83,218	-83,218	0,000	-4,296	-48,272	0,000	-1,709	-42,906	3,754
	2796	5	0,000	-4,500	-84,541	-84,541	0,000	-7,294	-47,754	0,000	-2,143	-46,505	2,833
Plate_1_8	2796	1	0,000	-4,500	-84,541	-84,541	0,000	-7,292	-47,753	0,000	-2,143	-46,505	2,833
Element 8-9 (Plate)	2797	2	0,000	-4,604	-86,397	-86,397	0,000	-11,555	-47,069	0,000	-3,124	-51,442	1,280
(Paratia 800)	2798	3	0,000	-4,708	-88,270	-88,270	0,000	-15,921	-46,546	0,000	-4,554	-56,319	0,000
	2799	4	0,000	-4,813	-90,158	-90,158	0,000	-20,384	-46,195	0,000	-6,445	-61,149	0,000
	3262	5	0,000	-4,917	-92,060	-92,060	0,000	-24,938	-46,029	0,000	-8,805	-65,951	0,000
Plate_1_8	3262	1	0,000	-4,917	-92,057	-92,057	0,000	-24,931	-46,037	0,000	-8,805	-65,951	0,000
Element 8-10 (Plate)	3263	2	0,000	-4,998	-93,547	-93,547	0,000	-28,536	-46,094	0,000	-10,976	-69,692	0,000
(Paratia 800)	3264	3	0,000	-5,079	-95,034	-95,034	0,000	-32,165	-46,267	0,000	-13,443	-73,445	0,000
	3265	4	0,000	-5,161	-96,515	-96,515	0,000	-35,810	-46,549	0,000	-16,205	-77,216	0,000
	3612	5	0,000	-5,242	-97,987	-97,987	0,000	-39,463	-46,934	0,000	-19,263	-81,012	0,000
Plate_1_8	3612	1	0,000	-5,242	-97,968	-97,968	0,000	-39,442	-46,902	0,000	-19,263	-81,012	0,000
Element 8-11 (Plate)	3613	2	0,000	-5,305	-99,113	-99,113	0,000	-42,272	-48,033	0,000	-21,851	-83,995	0,000
(Paratia 800)	3614	3	0,000	-5,369	-100,198	-100,198	0,000	-45,033	-49,759	0,000	-24,620	-87,000	0,000
	3615	4	0,000	-5,432	-101,201	-101,201	0,000	-47,658	-52,320	0,000	-27,558	-90,020	0,000
	4350	5	0,000	-5,495	-102,097	-102,097	0,000	-50,084	-54,711	0,000	-30,656	-93,050	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_9	4350	1	0,000	-5,495	-102,181	-102,181	0,000	-49,045	-53,693	0,000	-30,656	-93,050	0,000
Element 9-12 (Plate)	4351	2	0,000	-5,496	-102,235	-102,235	0,000	-49,046	-53,702	0,000	-30,714	-93,106	0,000
(Paratia 800)	4352	3	0,000	-5,498	-102,289	-102,289	0,000	-49,033	-53,698	0,000	-30,772	-93,162	0,000
	4353	4	0,000	-5,499	-102,343	-102,343	0,000	-49,008	-53,683	0,000	-30,830	-93,218	0,000
	4369	5	0,000	-5,500	-102,396	-102,396	0,000	-48,971	-53,655	0,000	-30,888	-93,273	0,000
Plate_1_10	4369	1	0,000	-5,500	-102,448	-102,448	0,000	-49,234	-53,951	0,000	-30,888	-93,273	0,000
Element 10-13 (Plate)	4370	2	0,000	-5,550	-104,468	-104,468	0,000	-46,919	-51,892	0,000	-33,269	-95,503	0,000
(Paratia 800)	4371	3	0,000	-5,599	-106,409	-106,409	0,000	-45,147	-50,310	0,000	-35,550	-97,540	0,000
	4372	4	0,000	-5,649	-108,277	-108,277	0,000	-43,892	-49,191	0,000	-37,756	-99,397	0,000
	4373	5	0,000	-5,698	-110,083	-110,083	0,000	-43,126	-48,519	0,000	-39,910	-101,088	0,000
Plate_1_10	4373	1	0,000	-5,698	-110,178	-110,178	0,000	-42,577	-48,018	0,000	-39,910	-101,088	0,000
Element 10-14 (Plate)	4337	2	0,000	-5,946	-118,770	-118,770	0,000	-42,575	-48,259	0,000	-50,386	-107,337	0,000
(Paratia 800)	4338	3	0,000	-6,194	-127,120	-127,120	0,000	-45,912	-51,821	0,053	-61,302	-110,484	0,000
	4339	4	0,000	-6,442	-135,247	-135,247	0,000	-52,198	-58,571	3,793	-73,400	-111,027	0,000
	4554	5	0,000	-6,690	-143,170	-143,170	0,000	-61,042	-67,970	10,370	-87,389	-109,448	0,000
Plate_1_11	4554	1	0,000	-6,690	-142,895	-142,895	0,000	-56,005	-62,324	10,550	-87,389	-109,448	0,000
Element 12-34 (Plate)	4555	2	0,000	-7,054	-136,267	-136,267	0,000	-21,635	-25,521	18,658	-101,096	-109,799	0,000
(Paratia 800)	4556	3	0,000	-7,417	-130,423	-130,423	0,000	1,496	-0,864	24,146	-104,528	-113,885	0,000
	4557	4	0,000	-7,781	-125,291	-125,291	0,000	15,548	0,000	26,985	-101,108	-111,145	0,000
	5132	5	0,000	-8,145	-120,803	-120,803	0,000	22,685	0,000	27,434	-94,016	-104,534	0,000
Plate_1_11	5132	1	0,000	-8,145	-120,713	-120,713	0,000	23,507	0,000	27,649	-94,016	-104,534	0,000
Element 12-35 (Plate)	5133	2	0,000	-8,459	-117,076	-117,076	0,000	27,041	0,000	28,651	-85,998	-96,822	0,000
(Paratia 800)	5134	3	0,000	-8,774	-113,658	-113,658	0,000	28,484	0,000	28,921	-77,206	-88,255	0,000
	5135	4	0,000	-9,089	-110,450	-110,450	0,000	28,032	0,000	28,427	-68,252	-79,440	0,000
	5256	5	0,000	-9,404	-107,447	-107,447	0,000	25,883	0,000	26,248	-59,725	-70,964	0,000
Plate_1_11	5256	1	0,000	-9,404	-107,426	-107,426	0,000	26,108	0,000	26,432	-59,725	-70,964	0,000
Element 12-36 (Plate)	5257	2	0,000	-9,677	-104,930	-104,930	0,000	23,332	0,000	23,657	-52,973	-64,187	0,000
(Paratia 800)	5258	3	0,000	-9,950	-102,513	-102,513	0,000	20,301	0,000	20,633	-47,024	-58,155	0,000
	5259	4	0,000	-10,223	-100,174	-100,174	0,000	17,224	-0,018	17,402	-41,900	-52,957	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	5274	5	0,000	-10,495	-97,912	-97,912	0,000	14,310	-0,055	14,310	-37,610	-48,677	0,000
Plate_1_12	5274	1	0,000	-10,495	-97,896	-97,896	0,000	15,223	-0,058	15,223	-37,610	-48,677	0,000
Element 13-37 (Plate)	5275	2	0,000	-10,765	-94,267	-94,267	0,000	16,357	-0,022	16,357	-33,324	-44,719	0,000
(Paratia 800)	5276	3	0,000	-11,034	-90,732	-90,732	0,000	16,409	0,000	16,409	-28,891	-40,801	0,000
	5277	4	0,000	-11,304	-87,291	-87,291	1,447	15,611	0,000	15,611	-24,552	-37,045	0,000
	5298	5	0,000	-11,574	-83,947	-83,947	2,892	14,199	0,000	14,199	-20,526	-33,560	0,000
Plate_1_12	5298	1	0,000	-11,574	-83,940	-83,940	2,896	14,356	0,000	14,356	-20,526	-33,560	0,000
Element 13-38 (Plate)	5299	2	0,000	-11,854	-80,537	-80,537	4,290	12,940	0,000	12,940	-16,694	-30,211	0,000
(Paratia 800)	5300	3	0,000	-12,135	-77,214	-77,214	5,570	11,550	0,000	11,550	-13,255	-27,146	0,000
	5301	4	0,000	-12,416	-73,973	-73,973	6,737	10,204	0,000	10,204	-10,200	-24,346	0,000
	5412	5	0,000	-12,697	-70,816	-70,816	7,789	8,917	0,000	9,045	-7,517	-21,794	0,000
Plate_1_12	5412	1	0,000	-12,697	-70,811	-70,811	7,791	8,924	0,000	9,051	-7,517	-21,794	0,000
Element 13-39 (Plate)	5413	2	0,000	-12,990	-67,601	-67,601	8,768	7,692	0,000	8,033	-5,088	-19,373	0,000
(Paratia 800)	5414	3	0,000	-13,282	-64,464	-64,464	9,630	6,566	0,000	7,167	-3,004	-17,172	0,000
	5415	4	0,000	-13,575	-61,400	-61,400	10,378	5,547	0,000	6,523	-1,234	-15,170	0,000
	5616	5	0,000	-13,868	-58,410	-58,410	11,011	4,637	0,000	5,951	0,253	-13,347	0,253
Plate_1_12	5616	1	0,000	-13,868	-58,405	-58,405	11,013	4,633	0,000	5,944	0,253	-13,347	0,253
Element 13-40 (Plate)	5617	2	0,000	-14,173	-55,360	-55,360	11,557	3,792	-0,020	5,410	1,535	-11,617	1,535
(Paratia 800)	5618	3	0,000	-14,478	-52,377	-52,377	11,988	3,048	-0,040	4,923	2,576	-10,042	2,576
	5619	4	0,000	-14,783	-49,458	-49,458	12,306	2,395	-0,055	4,478	3,403	-8,610	3,403
	5640	5	0,000	-15,088	-46,602	-46,602	12,511	1,829	-0,066	4,072	4,045	-7,307	4,045
Plate_1_12	5640	1	0,000	-15,088	-46,597	-46,597	12,513	1,823	-0,066	4,048	4,045	-7,307	4,045
Element 13-41 (Plate)	5641	2	0,000	-15,405	-43,679	-43,679	12,612	1,301	-0,072	3,634	4,540	-6,085	4,540
(Paratia 800)	5642	3	0,000	-15,723	-40,809	-40,809	12,597	0,830	-0,072	3,146	4,878	-5,006	4,878
	5643	4	0,000	-16,041	-37,987	-37,987	12,470	0,406	-0,066	2,576	5,073	-4,095	5,073
	5664	5	0,000	-16,358	-35,215	-35,215	12,230	0,026	-0,055	1,913	5,140	-3,379	5,140
Plate_1_12	5664	1	0,000	-16,358	-35,209	-35,209	12,232	0,026	-0,055	1,951	5,140	-3,379	5,140
Element 13-42 (Plate)	5665	2	0,000	-16,689	-32,361	-32,361	11,866	-0,357	-0,357	1,357	5,085	-2,922	5,085
(Paratia 800)	5666	3	0,000	-17,021	-29,544	-29,544	11,386	-0,726	-0,726	0,873	4,905	-2,686	4,905

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	5667	4	0,000	-17,352	-26,760	-26,760	10,791	-1,086	-1,086	0,640	4,605	-2,469	4,605
	6144	5	0,000	-17,683	-24,010	-24,010	10,082	-1,444	-1,444	0,623	4,186	-2,295	4,186
Plate_1_12	6144	1	0,000	-17,683	-24,004	-24,004	10,084	-1,425	-1,425	0,623	4,186	-2,295	4,186
Element 13-43 (Plate)	6145	2	0,000	-18,028	-21,161	-21,161	9,228	-1,787	-1,787	0,618	3,629	-2,193	3,629
(Paratia 800)	6146	3	0,000	-18,373	-18,330	-18,330	8,257	-2,078	-2,078	0,633	2,963	-2,203	2,963
	6147	4	0,000	-18,717	-15,512	-15,512	7,171	-2,359	-2,359	0,659	2,196	-2,212	2,196
	6734	5	0,000	-19,062	-12,705	-12,705	5,972	-2,694	-2,694	0,690	1,328	-2,188	1,328
Plate_1_12	6734	1	0,000	-19,062	-12,651	-12,651	5,981	-1,965	-1,965	0,840	1,328	-2,188	1,328
Element 13-44 (Plate)	6735	2	0,000	-19,422	-9,772	-9,772	4,607	-2,741	-2,741	0,692	0,306	-2,137	0,306
(Paratia 800)	6736	3	0,000	-19,781	-6,757	-6,757	3,137	-0,742	-0,742	1,847	-0,247	-1,688	0,000
	6737	4	0,000	-20,141	-3,562	-3,562	1,584	0,984	0,000	2,828	-0,261	-0,885	0,000
	6738	5	0,000	-20,500	-0,143	-0,143	0,000	-0,608	-0,608	1,385	0,000	0,000	0,000

3.1.1.1.7 Calculation results, Plate, falda a -5 m [Phase_6] (6/26), Table of plate force envelopes

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_1	2432	1	0,000	-0,500	0,049	0,000	0,051	-0,317	-0,386	0,000	0,000	0,000	0,000
Element 1-1 (Plate)	2433	2	0,000	-0,625	-1,314	-1,315	0,000	4,080	-0,132	4,261	0,253	-0,013	0,260
(Paratia 800)	2434	3	0,000	-0,750	-2,694	-2,698	0,000	6,994	-0,171	7,428	0,957	-0,032	1,003
	2435	4	0,000	-0,875	-4,092	-4,097	0,000	8,623	-0,187	9,316	1,948	-0,055	2,065
	2431	5	0,000	-1,000	-5,507	-5,515	0,000	9,164	-0,179	10,104	3,069	-0,078	3,288
Plate_1_2	2431	1	0,000	-1,000	-5,512	-5,519	0,000	9,358	-0,193	10,329	3,069	-0,078	3,288
Element 2-2 (Plate)	2190	2	0,000	-1,250	-8,398	-8,410	0,000	10,033	-0,102	11,502	5,513	-0,114	6,037
(Paratia 800)	2191	3	0,000	-1,500	-11,369	-11,386	0,000	9,749	-0,019	11,686	8,005	-0,129	8,956
	2192	4	0,000	-1,750	-14,426	-14,447	0,000	8,538	0,000	10,918	10,311	-0,125	11,802
	2233	5	0,000	-2,000	-17,568	-17,594	0,000	6,434	0,000	9,234	12,200	-0,106	14,339
Plate_1_3	2233	1	0,000	-2,000	-17,573	-17,598	0,000	6,448	0,000	9,251	12,200	-0,106	14,339
Element 3-3 (Plate)	2234	2	0,000	-2,125	-19,183	-19,211	0,000	5,095	0,000	8,103	12,923	-0,093	15,425
(Paratia 800)	2235	3	0,000	-2,250	-20,822	-20,852	0,000	3,539	0,000	6,749	13,465	-0,079	16,356
	2236	4	0,000	-2,375	-22,488	-22,520	0,000	1,783	-1,171	5,190	13,800	-0,065	17,104
	2407	5	0,000	-2,500	-24,181	-24,215	0,000	-0,174	-3,323	3,427	13,902	-0,053	17,645
Plate_1_4	2407	1	0,000	-2,500	-24,182	-24,216	0,000	-0,173	-3,322	3,428	13,902	-0,053	17,645
Element 4-4 (Plate)	2408	2	0,000	-2,650	-26,251	-26,288	0,000	-2,782	-6,183	1,047	13,684	-0,041	17,984
(Paratia 800)	2409	3	0,000	-2,800	-28,364	-28,404	0,000	-5,674	-9,348	0,045	13,053	-0,035	17,945
	2410	4	0,000	-2,950	-30,522	-30,563	0,000	-8,848	-12,816	0,022	11,967	-0,037	17,483
	2498	5	0,000	-3,100	-32,721	-32,766	0,000	-12,302	-16,587	0,000	10,385	-0,049	16,557
Plate_1_4	2498	1	0,000	-3,100	-32,723	-32,767	0,000	-12,302	-16,588	0,000	10,385	-0,049	16,557
Element 4-5 (Plate)	2499	2	0,000	-3,200	-34,215	-34,260	0,000	-14,759	-19,270	0,000	9,033	-0,063	15,661
(Paratia 800)	2500	3	0,000	-3,300	-35,728	-35,776	0,000	-17,341	-22,088	0,000	7,429	-0,084	14,525
	2501	4	0,000	-3,400	-37,263	-37,311	0,000	-20,047	-25,042	0,000	5,560	-1,836	13,139
	2652	5	0,000	-3,500	-38,817	-38,867	0,000	-22,874	-28,130	0,000	3,416	-4,493	11,491
Plate_1_5	2652	1	0,000	-3,500	-38,817	-38,868	0,000	-22,875	-28,131	0,000	3,416	-4,493	11,491

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Element 5-6 (Plate)	2653	2	0,000	-3,583	-40,128	-40,180	0,000	-25,324	-30,808	0,000	1,409	-6,947	9,907
(Paratia 800)	2654	3	0,000	-3,667	-41,455	-41,508	0,000	-27,859	-33,581	0,000	-0,807	-9,629	8,124
	2655	4	0,000	-3,750	-42,796	-42,850	0,000	-30,480	-36,449	0,000	-3,237	-12,547	6,135
	2670	5	0,000	-3,833	-44,151	-44,207	0,000	-33,183	-39,409	0,000	-5,888	-15,706	3,934
Plate_1_6	2670	1	0,000	-3,833	-73,404	-73,404	0,000	17,570	-37,352	17,570	-5,888	-15,706	3,934
Element 6-7 (Plate)	2671	2	0,000	-3,925	-74,912	-74,912	0,000	14,501	-40,623	14,501	-4,418	-19,244	4,690
(Paratia 800)	2672	3	0,000	-4,017	-76,438	-76,438	0,000	11,333	-44,006	11,333	-3,233	-23,098	5,170
	2673	4	0,000	-4,108	-77,982	-77,982	0,000	8,068	-47,500	8,068	-2,342	-27,276	5,366
	2718	5	0,000	-4,200	-79,543	-79,543	0,000	4,709	-51,131	4,709	-1,756	-31,787	5,269
Plate_1_7	2718	1	0,000	-4,200	-79,544	-79,544	0,000	4,708	-50,913	4,708	-1,756	-31,787	5,269
Element 7-8 (Plate)	2719	2	0,000	-4,275	-80,833	-80,833	0,000	1,890	-49,790	1,890	-1,508	-35,559	4,967
(Paratia 800)	2720	3	0,000	-4,350	-82,134	-82,134	0,000	-0,992	-48,941	0,000	-1,474	-39,261	4,464
	2721	4	0,000	-4,425	-83,447	-83,447	0,000	-3,935	-48,272	0,000	-1,659	-42,906	3,754
	2796	5	0,000	-4,500	-84,769	-84,769	0,000	-6,937	-47,754	0,000	-2,066	-46,505	2,833
Plate_1_8	2796	1	0,000	-4,500	-84,769	-84,769	0,000	-6,936	-47,753	0,000	-2,066	-46,505	2,833
Element 8-9 (Plate)	2797	2	0,000	-4,604	-86,623	-86,623	0,000	-11,205	-47,069	0,000	-3,010	-51,442	1,280
(Paratia 800)	2798	3	0,000	-4,708	-88,495	-88,495	0,000	-15,579	-46,546	0,000	-4,405	-56,319	0,000
	2799	4	0,000	-4,813	-90,382	-90,382	0,000	-20,051	-46,195	0,000	-6,260	-61,149	0,000
	3262	5	0,000	-4,917	-92,282	-92,282	0,000	-24,615	-46,029	0,000	-8,585	-65,951	0,000
Plate_1_8	3262	1	0,000	-4,917	-92,279	-92,279	0,000	-24,609	-46,037	0,000	-8,585	-65,951	0,000
Element 8-10 (Plate)	3263	2	0,000	-4,998	-93,768	-93,768	0,000	-28,223	-46,094	0,000	-10,731	-69,692	0,000
(Paratia 800)	3264	3	0,000	-5,079	-95,254	-95,254	0,000	-31,864	-46,267	0,000	-13,173	-73,445	0,000
	3265	4	0,000	-5,161	-96,735	-96,735	0,000	-35,523	-46,549	0,000	-15,911	-77,216	0,000
	3612	5	0,000	-5,242	-98,206	-98,206	0,000	-39,191	-46,934	0,000	-18,946	-81,012	0,000
Plate_1_8	3612	1	0,000	-5,242	-98,187	-98,187	0,000	-39,171	-46,902	0,000	-18,946	-81,012	0,000
Element 8-11 (Plate)	3613	2	0,000	-5,305	-99,331	-99,331	0,000	-42,016	-48,033	0,000	-21,518	-83,995	0,000
(Paratia 800)	3614	3	0,000	-5,369	-100,416	-100,416	0,000	-44,794	-49,759	0,000	-24,270	-87,000	0,000
	3615	4	0,000	-5,432	-101,418	-101,418	0,000	-47,441	-52,320	0,000	-27,194	-90,020	0,000
	4350	5	0,000	-5,495	-102,314	-102,314	0,000	-49,890	-54,711	0,000	-30,279	-93,050	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_9	4350	1	0,000	-5,495	-102,398	-102,398	0,000	-48,848	-53,693	0,000	-30,279	-93,050	0,000
Element 9-12 (Plate)	4351	2	0,000	-5,496	-102,452	-102,452	0,000	-48,849	-53,702	0,000	-30,337	-93,106	0,000
(Paratia 800)	4352	3	0,000	-5,498	-102,506	-102,506	0,000	-48,837	-53,698	0,000	-30,395	-93,162	0,000
	4353	4	0,000	-5,499	-102,559	-102,559	0,000	-48,812	-53,683	0,000	-30,453	-93,218	0,000
	4369	5	0,000	-5,500	-102,612	-102,612	0,000	-48,776	-53,655	0,000	-30,510	-93,273	0,000
Plate_1_10	4369	1	0,000	-5,500	-102,665	-102,664	0,000	-49,043	-53,951	0,000	-30,510	-93,273	0,000
Element 10-13 (Plate)	4370	2	0,000	-5,550	-104,682	-104,682	0,000	-46,741	-51,892	0,000	-32,882	-95,503	0,000
(Paratia 800)	4371	3	0,000	-5,599	-106,619	-106,619	0,000	-44,982	-50,310	0,000	-35,155	-97,540	0,000
	4372	4	0,000	-5,649	-108,485	-108,485	0,000	-43,739	-49,191	0,000	-37,352	-99,397	0,000
	4373	5	0,000	-5,698	-110,287	-110,287	0,000	-42,985	-48,519	0,000	-39,500	-101,088	0,000
Plate_1_10	4373	1	0,000	-5,698	-110,382	-110,382	0,000	-42,435	-48,018	0,000	-39,500	-101,088	0,000
Element 10-14 (Plate)	4337	2	0,000	-5,946	-118,960	-118,960	0,000	-42,507	-48,259	0,000	-49,949	-107,337	0,000
(Paratia 800)	4338	3	0,000	-6,194	-127,297	-127,297	0,000	-45,939	-51,821	0,053	-60,860	-110,484	0,000
	4339	4	0,000	-6,442	-135,413	-135,413	0,000	-52,337	-58,571	3,793	-72,977	-111,027	0,000
	4554	5	0,000	-6,690	-143,327	-143,327	0,000	-61,307	-67,970	10,370	-87,016	-109,448	0,000
Plate_1_11	4554	1	0,000	-6,690	-143,044	-143,044	0,000	-56,274	-62,324	10,550	-87,016	-109,448	0,000
Element 12-34 (Plate)	4555	2	0,000	-7,054	-136,337	-136,337	0,000	-21,941	-25,521	18,658	-100,833	-109,799	0,000
(Paratia 800)	4556	3	0,000	-7,417	-130,426	-130,426	0,000	1,256	-0,864	24,146	-104,364	-113,885	0,000
	4557	4	0,000	-7,781	-125,239	-125,291	0,000	15,418	0,000	26,985	-101,014	-111,145	0,000
	5132	5	0,000	-8,145	-120,704	-120,803	0,000	22,647	0,000	27,434	-93,950	-104,534	0,000
Plate_1_11	5132	1	0,000	-8,145	-120,612	-120,713	0,000	23,474	0,000	27,649	-93,950	-104,534	0,000
Element 12-35 (Plate)	5133	2	0,000	-8,459	-116,936	-117,076	0,000	27,051	0,000	28,651	-85,935	-96,822	0,000
(Paratia 800)	5134	3	0,000	-8,774	-113,482	-113,658	0,000	28,519	0,000	28,921	-77,136	-88,255	0,000
	5135	4	0,000	-9,089	-110,241	-110,450	0,000	28,076	0,000	28,427	-68,168	-79,440	0,000
	5256	5	0,000	-9,404	-107,207	-107,447	0,000	25,918	0,000	26,248	-59,629	-70,964	0,000
Plate_1_11	5256	1	0,000	-9,404	-107,185	-107,426	0,000	26,141	0,000	26,432	-59,629	-70,964	0,000
Element 12-36 (Plate)	5257	2	0,000	-9,677	-104,665	-104,930	0,000	23,370	0,000	23,657	-52,868	-64,187	0,000
(Paratia 800)	5258	3	0,000	-9,950	-102,225	-102,513	0,000	20,354	0,000	20,633	-46,906	-58,155	0,000
	5259	4	0,000	-10,223	-99,864	-100,174	0,000	17,293	-0,018	17,402	-41,766	-52,957	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	5274	5	0,000	-10,495	-97,583	-97,912	0,000	14,386	-0,055	14,386	-37,455	-48,677	0,000
Plate_1_12	5274	1	0,000	-10,495	-97,567	-97,896	0,000	15,285	-0,058	15,285	-37,455	-48,677	0,000
Element 13-37 (Plate)	5275	2	0,000	-10,765	-93,912	-94,267	0,000	16,463	-0,022	16,463	-33,146	-44,719	0,000
(Paratia 800)	5276	3	0,000	-11,034	-90,352	-90,732	0,000	16,521	0,000	16,521	-28,684	-40,801	0,000
	5277	4	0,000	-11,304	-86,889	-87,291	1,447	15,703	0,000	15,703	-24,315	-37,045	0,000
	5298	5	0,000	-11,574	-83,523	-83,947	2,892	14,251	0,000	14,251	-20,270	-33,560	0,000
Plate_1_12	5298	1	0,000	-11,574	-83,516	-83,940	2,896	14,405	0,000	14,405	-20,270	-33,560	0,000
Element 13-38 (Plate)	5299	2	0,000	-11,854	-80,091	-80,537	4,290	12,936	0,000	12,942	-16,432	-30,211	0,000
(Paratia 800)	5300	3	0,000	-12,135	-76,748	-77,214	5,570	11,506	0,000	11,550	-13,000	-27,146	0,000
	5301	4	0,000	-12,416	-73,488	-73,973	6,737	10,126	0,000	10,204	-9,962	-24,346	0,000
	5412	5	0,000	-12,697	-70,312	-70,816	7,789	8,812	0,000	9,045	-7,305	-21,794	0,000
Plate_1_12	5412	1	0,000	-12,697	-70,307	-70,811	7,791	8,812	0,000	9,051	-7,305	-21,794	0,000
Element 13-39 (Plate)	5413	2	0,000	-12,990	-67,081	-67,601	8,768	7,565	0,000	8,033	-4,912	-19,373	0,000
(Paratia 800)	5414	3	0,000	-13,282	-63,927	-64,464	9,630	6,438	0,000	7,167	-2,865	-17,172	0,000
	5415	4	0,000	-13,575	-60,848	-61,400	10,378	5,425	0,000	6,523	-1,132	-15,170	0,000
	5616	5	0,000	-13,868	-57,844	-58,410	11,011	4,518	0,000	5,951	0,320	-13,347	0,320
Plate_1_12	5616	1	0,000	-13,868	-57,840	-58,405	11,013	4,507	0,000	5,944	0,320	-13,347	0,320
Element 13-40 (Plate)	5617	2	0,000	-14,173	-54,783	-55,360	11,557	3,672	-0,020	5,410	1,564	-11,617	1,564
(Paratia 800)	5618	3	0,000	-14,478	-51,791	-52,377	11,988	2,943	-0,040	4,923	2,571	-10,042	2,576
	5619	4	0,000	-14,783	-48,864	-49,458	12,306	2,305	-0,055	4,478	3,369	-8,610	3,403
	5640	5	0,000	-15,088	-46,003	-46,602	12,511	1,746	-0,066	4,072	3,984	-7,307	4,045
Plate_1_12	5640	1	0,000	-15,088	-45,998	-46,597	12,513	1,733	-0,066	4,048	3,984	-7,307	4,045
Element 13-41 (Plate)	5641	2	0,000	-15,405	-43,079	-43,679	12,612	1,221	-0,072	3,634	4,452	-6,085	4,540
(Paratia 800)	5642	3	0,000	-15,723	-40,211	-40,809	12,597	0,764	-0,072	3,146	4,766	-5,006	4,878
	5643	4	0,000	-16,041	-37,395	-37,987	12,470	0,350	-0,066	2,576	4,942	-4,095	5,073
	5664	5	0,000	-16,358	-34,632	-35,215	12,230	-0,035	-0,055	1,913	4,992	-3,379	5,140
Plate_1_12	5664	1	0,000	-16,358	-34,626	-35,209	12,232	-0,040	-0,055	1,951	4,992	-3,379	5,140
Element 13-42 (Plate)	5665	2	0,000	-16,689	-31,794	-32,361	11,866	-0,425	-0,425	1,357	4,914	-2,922	5,085
(Paratia 800)	5666	3	0,000	-17,021	-28,998	-29,544	11,386	-0,784	-0,784	0,873	4,713	-2,686	4,905

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	5667	4	0,000	-17,352	-26,239	-26,760	10,791	-1,125	-1,125	0,640	4,397	-2,469	4,605
	6144	5	0,000	-17,683	-23,517	-24,010	10,082	-1,459	-1,460	0,623	3,969	-2,295	4,186
Plate_1_12	6144	1	0,000	-17,683	-23,512	-24,004	10,084	-1,448	-1,448	0,623	3,969	-2,295	4,186
Element 13-43 (Plate)	6145	2	0,000	-18,028	-20,704	-21,161	9,228	-1,783	-1,790	0,618	3,408	-2,193	3,629
(Paratia 800)	6146	3	0,000	-18,373	-17,914	-18,330	8,257	-2,038	-2,078	0,633	2,749	-2,203	2,963
	6147	4	0,000	-18,717	-15,142	-15,512	7,171	-2,285	-2,359	0,659	2,002	-2,212	2,196
	6734	5	0,000	-19,062	-12,387	-12,705	5,972	-2,594	-2,694	0,690	1,165	-2,188	1,328
Plate_1_12	6734	1	0,000	-19,062	-12,333	-12,651	5,981	-1,867	-1,965	0,840	1,165	-2,188	1,328
Element 13-44 (Plate)	6735	2	0,000	-19,422	-9,520	-9,772	4,607	-2,622	-2,741	0,692	0,180	-2,137	0,306
(Paratia 800)	6736	3	0,000	-19,781	-6,579	-6,757	3,137	-0,603	-0,742	1,847	-0,324	-1,688	0,000
	6737	4	0,000	-20,141	-3,468	-3,562	1,584	1,105	0,000	2,828	-0,291	-0,885	0,000
	6738	5	0,000	-20,500	-0,143	-0,143	0,000	-0,581	-0,608	1,385	0,000	0,000	0,000

3.1.1.1.8 Calculation results, Plate, terrapieno [Phase_7] (7/28), Table of plate force envelopes

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_1	2432	1	0,000	-0,500	0,049	0,000	0,051	-0,317	-0,386	0,000	0,000	0,000	0,000
Element 1-1 (Plate)	2433	2	0,000	-0,625	-1,314	-1,315	0,000	4,080	-0,132	4,261	0,253	-0,013	0,260
(Paratia 800)	2434	3	0,000	-0,750	-2,694	-2,698	0,000	6,994	-0,171	7,428	0,957	-0,032	1,003
	2435	4	0,000	-0,875	-4,091	-4,097	0,000	8,623	-0,187	9,316	1,948	-0,055	2,065
	2431	5	0,000	-1,000	-5,507	-5,515	0,000	9,165	-0,179	10,104	3,069	-0,078	3,288
Plate_1_2	2431	1	0,000	-1,000	-5,511	-5,519	0,000	9,359	-0,193	10,329	3,069	-0,078	3,288
Element 2-2 (Plate)	2190	2	0,000	-1,250	-8,397	-8,410	0,000	10,035	-0,102	11,502	5,513	-0,114	6,037
(Paratia 800)	2191	3	0,000	-1,500	-11,369	-11,386	0,000	9,750	-0,019	11,686	8,006	-0,129	8,956
	2192	4	0,000	-1,750	-14,425	-14,447	0,000	8,540	0,000	10,918	10,312	-0,125	11,802
	2233	5	0,000	-2,000	-17,567	-17,594	0,000	6,436	0,000	9,234	12,202	-0,106	14,339
Plate_1_3	2233	1	0,000	-2,000	-17,572	-17,598	0,000	6,450	0,000	9,251	12,202	-0,106	14,339
Element 3-3 (Plate)	2234	2	0,000	-2,125	-19,183	-19,211	0,000	5,097	0,000	8,103	12,925	-0,093	15,425
(Paratia 800)	2235	3	0,000	-2,250	-20,821	-20,852	0,000	3,542	0,000	6,749	13,467	-0,079	16,356
	2236	4	0,000	-2,375	-22,487	-22,520	0,000	1,785	-1,171	5,190	13,802	-0,065	17,104
	2407	5	0,000	-2,500	-24,179	-24,215	0,000	-0,172	-3,323	3,427	13,905	-0,053	17,645
Plate_1_4	2407	1	0,000	-2,500	-24,181	-24,216	0,000	-0,171	-3,322	3,428	13,905	-0,053	17,645
Element 4-4 (Plate)	2408	2	0,000	-2,650	-26,250	-26,288	0,000	-2,780	-6,183	1,047	13,688	-0,041	17,984
(Paratia 800)	2409	3	0,000	-2,800	-28,363	-28,404	0,000	-5,672	-9,348	0,045	13,057	-0,035	17,945
	2410	4	0,000	-2,950	-30,520	-30,563	0,000	-8,846	-12,816	0,022	11,971	-0,037	17,483
	2498	5	0,000	-3,100	-32,720	-32,766	0,000	-12,300	-16,587	0,000	10,389	-0,049	16,557
Plate_1_4	2498	1	0,000	-3,100	-32,721	-32,767	0,000	-12,300	-16,588	0,000	10,389	-0,049	16,557
Element 4-5 (Plate)	2499	2	0,000	-3,200	-34,213	-34,260	0,000	-14,757	-19,270	0,000	9,038	-0,063	15,661
(Paratia 800)	2500	3	0,000	-3,300	-35,727	-35,776	0,000	-17,339	-22,088	0,000	7,434	-0,084	14,525
	2501	4	0,000	-3,400	-37,261	-37,311	0,000	-20,045	-25,042	0,000	5,565	-1,836	13,139
	2652	5	0,000	-3,500	-38,815	-38,867	0,000	-22,872	-28,130	0,000	3,421	-4,493	11,491
Plate_1_5	2652	1	0,000	-3,500	-38,816	-38,868	0,000	-22,873	-28,131	0,000	3,421	-4,493	11,491

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Element 5-6 (Plate)	2653	2	0,000	-3,583	-40,127	-40,180	0,000	-25,322	-30,808	0,000	1,414	-6,947	9,907
(Paratia 800)	2654	3	0,000	-3,667	-41,453	-41,508	0,000	-27,858	-33,581	0,000	-0,801	-9,629	8,124
	2655	4	0,000	-3,750	-42,795	-42,850	0,000	-30,478	-36,449	0,000	-3,232	-12,547	6,135
	2670	5	0,000	-3,833	-44,150	-44,207	0,000	-33,182	-39,409	0,000	-5,883	-15,706	3,934
Plate_1_6	2670	1	0,000	-3,833	-73,406	-73,406	0,000	17,578	-37,352	17,578	-5,883	-15,706	3,934
Element 6-7 (Plate)	2671	2	0,000	-3,925	-74,914	-74,914	0,000	14,508	-40,623	14,508	-4,411	-19,244	4,690
(Paratia 800)	2672	3	0,000	-4,017	-76,440	-76,440	0,000	11,340	-44,006	11,340	-3,226	-23,098	5,170
	2673	4	0,000	-4,108	-77,984	-77,984	0,000	8,075	-47,500	8,075	-2,335	-27,276	5,366
	2718	5	0,000	-4,200	-79,545	-79,545	0,000	4,715	-51,131	4,715	-1,748	-31,787	5,269
Plate_1_7	2718	1	0,000	-4,200	-79,545	-79,545	0,000	4,715	-50,913	4,715	-1,748	-31,787	5,269
Element 7-8 (Plate)	2719	2	0,000	-4,275	-80,835	-80,835	0,000	1,896	-49,790	1,896	-1,500	-35,559	4,967
(Paratia 800)	2720	3	0,000	-4,350	-82,136	-82,136	0,000	-0,987	-48,941	0,000	-1,465	-39,261	4,464
	2721	4	0,000	-4,425	-83,448	-83,448	0,000	-3,930	-48,272	0,000	-1,649	-42,906	3,754
	2796	5	0,000	-4,500	-84,770	-84,770	0,000	-6,932	-47,754	0,000	-2,056	-46,505	2,833
Plate_1_8	2796	1	0,000	-4,500	-84,770	-84,770	0,000	-6,931	-47,753	0,000	-2,056	-46,505	2,833
Element 8-9 (Plate)	2797	2	0,000	-4,604	-86,624	-86,624	0,000	-11,201	-47,069	0,000	-2,999	-51,442	1,280
(Paratia 800)	2798	3	0,000	-4,708	-88,496	-88,496	0,000	-15,575	-46,546	0,000	-4,394	-56,319	0,000
	2799	4	0,000	-4,813	-90,383	-90,383	0,000	-20,049	-46,195	0,000	-6,249	-61,149	0,000
	3262	5	0,000	-4,917	-92,283	-92,283	0,000	-24,614	-46,029	0,000	-8,574	-65,951	0,000
Plate_1_8	3262	1	0,000	-4,917	-92,281	-92,281	0,000	-24,608	-46,037	0,000	-8,574	-65,951	0,000
Element 8-10 (Plate)	3263	2	0,000	-4,998	-93,769	-93,769	0,000	-28,223	-46,094	0,000	-10,720	-69,692	0,000
(Paratia 800)	3264	3	0,000	-5,079	-95,256	-95,256	0,000	-31,865	-46,267	0,000	-13,162	-73,445	0,000
	3265	4	0,000	-5,161	-96,736	-96,736	0,000	-35,525	-46,549	0,000	-15,900	-77,216	0,000
	3612	5	0,000	-5,242	-98,208	-98,208	0,000	-39,195	-46,934	0,000	-18,935	-81,012	0,000
Plate_1_8	3612	1	0,000	-5,242	-98,188	-98,188	0,000	-39,175	-46,902	0,000	-18,935	-81,012	0,000
Element 8-11 (Plate)	3613	2	0,000	-5,305	-99,332	-99,332	0,000	-42,021	-48,033	0,000	-21,507	-83,995	0,000
(Paratia 800)	3614	3	0,000	-5,369	-100,417	-100,417	0,000	-44,800	-49,759	0,000	-24,260	-87,000	0,000
	3615	4	0,000	-5,432	-101,419	-101,419	0,000	-47,449	-52,320	0,000	-27,184	-90,020	0,000
	4350	5	0,000	-5,495	-102,315	-102,315	0,000	-49,901	-54,711	0,000	-30,270	-93,050	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_9	4350	1	0,000	-5,495	-102,399	-102,399	0,000	-48,858	-53,693	0,000	-30,270	-93,050	0,000
Element 9-12 (Plate)	4351	2	0,000	-5,496	-102,453	-102,453	0,000	-48,859	-53,702	0,000	-30,328	-93,106	0,000
(Paratia 800)	4352	3	0,000	-5,498	-102,507	-102,507	0,000	-48,847	-53,698	0,000	-30,386	-93,162	0,000
	4353	4	0,000	-5,499	-102,560	-102,560	0,000	-48,823	-53,683	0,000	-30,443	-93,218	0,000
	4369	5	0,000	-5,500	-102,613	-102,613	0,000	-48,786	-53,655	0,000	-30,501	-93,273	0,000
Plate_1_10	4369	1	0,000	-5,500	-102,666	-102,666	0,000	-49,054	-53,951	0,000	-30,501	-93,273	0,000
Element 10-13 (Plate)	4370	2	0,000	-5,550	-104,682	-104,682	0,000	-46,751	-51,892	0,000	-32,874	-95,503	0,000
(Paratia 800)	4371	3	0,000	-5,599	-106,620	-106,620	0,000	-44,990	-50,310	0,000	-35,146	-97,540	0,000
	4372	4	0,000	-5,649	-108,485	-108,485	0,000	-43,745	-49,191	0,000	-37,345	-99,397	0,000
	4373	5	0,000	-5,698	-110,287	-110,287	0,000	-42,990	-48,519	0,000	-39,492	-101,088	0,000
Plate_1_10	4373	1	0,000	-5,698	-110,383	-110,383	0,000	-42,440	-48,018	0,000	-39,492	-101,088	0,000
Element 10-14 (Plate)	4337	2	0,000	-5,946	-118,960	-118,960	0,000	-42,507	-48,259	0,000	-49,942	-107,337	0,000
(Paratia 800)	4338	3	0,000	-6,194	-127,296	-127,297	0,000	-45,935	-51,821	0,053	-60,852	-110,484	0,000
	4339	4	0,000	-6,442	-135,411	-135,413	0,000	-52,331	-58,571	3,793	-72,969	-111,027	0,000
	4554	5	0,000	-6,690	-143,324	-143,327	0,000	-61,300	-67,970	10,370	-87,006	-109,448	0,000
Plate_1_11	4554	1	0,000	-6,690	-143,040	-143,044	0,000	-56,271	-62,324	10,550	-87,006	-109,448	0,000
Element 12-34 (Plate)	4555	2	0,000	-7,054	-136,333	-136,337	0,000	-21,951	-25,521	18,658	-100,824	-109,799	0,000
(Paratia 800)	4556	3	0,000	-7,417	-130,422	-130,426	0,000	1,241	-0,864	24,146	-104,360	-113,885	0,000
	4557	4	0,000	-7,781	-125,235	-125,291	0,000	15,403	0,000	26,985	-101,015	-111,145	0,000
	5132	5	0,000	-8,145	-120,699	-120,803	0,000	22,632	0,000	27,434	-93,956	-104,534	0,000
Plate_1_11	5132	1	0,000	-8,145	-120,607	-120,713	0,000	23,462	0,000	27,649	-93,956	-104,534	0,000
Element 12-35 (Plate)	5133	2	0,000	-8,459	-116,931	-117,076	0,000	27,039	0,000	28,651	-85,946	-96,822	0,000
(Paratia 800)	5134	3	0,000	-8,774	-113,475	-113,658	0,000	28,509	0,000	28,921	-77,150	-88,255	0,000
	5135	4	0,000	-9,089	-110,234	-110,450	0,000	28,068	0,000	28,427	-68,185	-79,440	0,000
	5256	5	0,000	-9,404	-107,200	-107,447	0,000	25,912	0,000	26,248	-59,647	-70,964	0,000
Plate_1_11	5256	1	0,000	-9,404	-107,178	-107,426	0,000	26,135	0,000	26,432	-59,647	-70,964	0,000
Element 12-36 (Plate)	5257	2	0,000	-9,677	-104,658	-104,930	0,000	23,366	0,000	23,657	-52,888	-64,187	0,000
(Paratia 800)	5258	3	0,000	-9,950	-102,217	-102,513	0,000	20,352	0,000	20,633	-46,927	-58,155	0,000
	5259	4	0,000	-10,223	-99,855	-100,174	0,000	17,292	-0,018	17,402	-41,787	-52,957	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	5274	5	0,000	-10,495	-97,574	-97,912	0,000	14,387	-0,055	14,387	-37,476	-48,677	0,000
Plate_1_12	5274	1	0,000	-10,495	-97,558	-97,896	0,000	15,286	-0,058	15,286	-37,476	-48,677	0,000
Element 13-37 (Plate)	5275	2	0,000	-10,765	-93,902	-94,267	0,000	16,464	-0,022	16,464	-33,167	-44,719	0,000
(Paratia 800)	5276	3	0,000	-11,034	-90,341	-90,732	0,000	16,522	0,000	16,522	-28,704	-40,801	0,000
	5277	4	0,000	-11,304	-86,878	-87,291	1,447	15,703	0,000	15,703	-24,336	-37,045	0,000
	5298	5	0,000	-11,574	-83,512	-83,947	2,892	14,251	0,000	14,251	-20,291	-33,560	0,000
Plate_1_12	5298	1	0,000	-11,574	-83,504	-83,940	2,896	14,405	0,000	14,405	-20,291	-33,560	0,000
Element 13-38 (Plate)	5299	2	0,000	-11,854	-80,079	-80,537	4,290	12,936	0,000	12,942	-16,452	-30,211	0,000
(Paratia 800)	5300	3	0,000	-12,135	-76,736	-77,214	5,570	11,506	0,000	11,550	-13,021	-27,146	0,000
	5301	4	0,000	-12,416	-73,475	-73,973	6,737	10,126	0,000	10,204	-9,983	-24,346	0,000
	5412	5	0,000	-12,697	-70,299	-70,816	7,789	8,812	0,000	9,045	-7,325	-21,794	0,000
Plate_1_12	5412	1	0,000	-12,697	-70,294	-70,811	7,791	8,812	0,000	9,051	-7,325	-21,794	0,000
Element 13-39 (Plate)	5413	2	0,000	-12,990	-67,067	-67,601	8,768	7,565	0,000	8,033	-4,932	-19,373	0,000
(Paratia 800)	5414	3	0,000	-13,282	-63,913	-64,464	9,630	6,439	0,000	7,167	-2,885	-17,172	0,000
	5415	4	0,000	-13,575	-60,833	-61,400	10,378	5,425	0,000	6,523	-1,152	-15,170	0,000
	5616	5	0,000	-13,868	-57,830	-58,410	11,011	4,519	0,000	5,951	0,301	-13,347	0,320
Plate_1_12	5616	1	0,000	-13,868	-57,825	-58,405	11,013	4,508	0,000	5,944	0,301	-13,347	0,320
Element 13-40 (Plate)	5617	2	0,000	-14,173	-54,769	-55,360	11,557	3,674	-0,020	5,410	1,545	-11,617	1,564
(Paratia 800)	5618	3	0,000	-14,478	-51,777	-52,377	11,988	2,944	-0,040	4,923	2,552	-10,042	2,576
	5619	4	0,000	-14,783	-48,849	-49,458	12,306	2,306	-0,055	4,478	3,350	-8,610	3,403
	5640	5	0,000	-15,088	-45,988	-46,602	12,511	1,748	-0,066	4,072	3,966	-7,307	4,045
Plate_1_12	5640	1	0,000	-15,088	-45,983	-46,597	12,513	1,735	-0,066	4,048	3,966	-7,307	4,045
Element 13-41 (Plate)	5641	2	0,000	-15,405	-43,065	-43,679	12,612	1,223	-0,072	3,634	4,434	-6,085	4,540
(Paratia 800)	5642	3	0,000	-15,723	-40,197	-40,809	12,597	0,766	-0,072	3,146	4,750	-5,006	4,878
	5643	4	0,000	-16,041	-37,382	-37,987	12,470	0,352	-0,066	2,576	4,926	-4,095	5,073
	5664	5	0,000	-16,358	-34,619	-35,215	12,230	-0,033	-0,055	1,913	4,976	-3,379	5,140
Plate_1_12	5664	1	0,000	-16,358	-34,614	-35,209	12,232	-0,037	-0,055	1,951	4,976	-3,379	5,140
Element 13-42 (Plate)	5665	2	0,000	-16,689	-31,783	-32,361	11,866	-0,423	-0,425	1,357	4,899	-2,922	5,085
(Paratia 800)	5666	3	0,000	-17,021	-28,988	-29,544	11,386	-0,781	-0,784	0,873	4,700	-2,686	4,905

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	5667	4	0,000	-17,352	-26,229	-26,760	10,791	-1,121	-1,125	0,640	4,384	-2,469	4,605
	6144	5	0,000	-17,683	-23,508	-24,010	10,082	-1,455	-1,460	0,623	3,958	-2,295	4,186
Plate_1_12	6144	1	0,000	-17,683	-23,503	-24,004	10,084	-1,444	-1,448	0,623	3,958	-2,295	4,186
Element 13-43 (Plate)	6145	2	0,000	-18,028	-20,696	-21,161	9,228	-1,779	-1,790	0,618	3,398	-2,193	3,629
(Paratia 800)	6146	3	0,000	-18,373	-17,907	-18,330	8,257	-2,034	-2,078	0,633	2,741	-2,203	2,963
	6147	4	0,000	-18,717	-15,136	-15,512	7,171	-2,280	-2,359	0,659	1,995	-2,212	2,196
	6734	5	0,000	-19,062	-12,382	-12,705	5,972	-2,589	-2,694	0,690	1,160	-2,188	1,328
Plate_1_12	6734	1	0,000	-19,062	-12,328	-12,651	5,981	-1,863	-1,965	0,840	1,160	-2,188	1,328
Element 13-44 (Plate)	6735	2	0,000	-19,422	-9,516	-9,772	4,607	-2,617	-2,741	0,692	0,177	-2,137	0,306
(Paratia 800)	6736	3	0,000	-19,781	-6,576	-6,757	3,137	-0,599	-0,742	1,847	-0,326	-1,688	0,000
	6737	4	0,000	-20,141	-3,467	-3,562	1,584	1,108	0,000	2,828	-0,291	-0,885	0,000
	6738	5	0,000	-20,500	-0,143	-0,143	0,000	-0,580	-0,608	1,385	0,000	0,000	0,000

3.1.1.1.9 Calculation results, Plate, plinto + pali [Phase_8] (8/31), Table of plate force envelopes

Structural element	Node [10³]	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_1	2432	1	0,000	-0,500	0,049	0,000	0,051	-0,325	-0,386	0,000	0,000	0,000	0,000
Element 1-1 (Plate)	2433	2	0,000	-0,625	-1,289	-1,315	0,000	4,110	-0,132	4,261	0,254	-0,013	0,260
(Paratia 800)	2434	3	0,000	-0,750	-2,644	-2,698	0,000	7,068	-0,171	7,428	0,965	-0,032	1,003
	2435	4	0,000	-0,875	-4,017	-4,097	0,000	8,746	-0,187	9,316	1,968	-0,055	2,065
	2431	5	0,000	-1,000	-5,407	-5,515	0,000	9,338	-0,179	10,104	3,107	-0,078	3,288
Plate_1_2	2431	1	0,000	-1,000	-5,411	-5,519	0,000	9,530	-0,193	10,329	3,107	-0,078	3,288
Element 2-2 (Plate)	2190	2	0,000	-1,250	-8,246	-8,410	0,000	10,302	-0,102	11,502	5,607	-0,114	6,037
(Paratia 800)	2191	3	0,000	-1,500	-11,165	-11,386	0,000	10,110	-0,019	11,686	8,178	-0,129	8,956
	2192	4	0,000	-1,750	-14,168	-14,447	0,000	8,988	0,000	10,918	10,585	-0,125	11,802
	2233	5	0,000	-2,000	-17,256	-17,594	0,000	6,968	0,000	9,234	12,597	-0,106	14,339
Plate_1_3	2233	1	0,000	-2,000	-17,261	-17,598	0,000	6,981	0,000	9,251	12,597	-0,106	14,339
Element 3-3 (Plate)	2234	2	0,000	-2,125	-18,844	-19,211	0,000	5,669	0,000	8,103	13,390	-0,093	15,425
(Paratia 800)	2235	3	0,000	-2,250	-20,456	-20,852	0,000	4,152	0,000	6,749	14,006	-0,079	16,356
	2236	4	0,000	-2,375	-22,094	-22,520	0,000	2,432	-1,171	5,190	14,419	-0,065	17,104
	2407	5	0,000	-2,500	-23,759	-24,215	0,000	0,511	-3,323	3,427	14,605	-0,053	17,645
Plate_1_4	2407	1	0,000	-2,500	-23,760	-24,216	0,000	0,512	-3,322	3,428	14,605	-0,053	17,645
Element 4-4 (Plate)	2408	2	0,000	-2,650	-25,795	-26,288	0,000	-2,055	-6,183	1,047	14,493	-0,041	17,984
(Paratia 800)	2409	3	0,000	-2,800	-27,875	-28,404	0,000	-4,908	-9,348	0,045	13,974	-0,035	17,945
	2410	4	0,000	-2,950	-29,998	-30,563	0,000	-8,045	-12,816	0,022	13,006	-0,037	17,483
	2498	5	0,000	-3,100	-32,164	-32,766	0,000	-11,464	-16,587	0,000	11,547	-0,049	16,557
Plate_1_4	2498	1	0,000	-3,100	-32,165	-32,767	0,000	-11,464	-16,588	0,000	11,547	-0,049	16,557
Element 4-5 (Plate)	2499	2	0,000	-3,200	-33,634	-34,260	0,000	-13,899	-19,270	0,000	10,280	-0,063	15,661
(Paratia 800)	2500	3	0,000	-3,300	-35,125	-35,776	0,000	-16,460	-22,088	0,000	8,763	-0,084	14,525
	2501	4	0,000	-3,400	-36,636	-37,311	0,000	-19,145	-25,042	0,000	6,984	-1,836	13,139
	2652	5	0,000	-3,500	-38,167	-38,867	0,000	-21,953	-28,130	0,000	4,930	-4,493	11,491
Plate_1_5	2652	1	0,000	-3,500	-38,168	-38,868	0,000	-21,954	-28,131	0,000	4,930	-4,493	11,491

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
Element 5-6 (Plate)	2653	2	0,000	-3,583	-39,460	-40,180	0,000	-24,388	-30,808	0,000	3,001	-6,947	9,907
(Paratia 800)	2654	3	0,000	-3,667	-40,767	-41,508	0,000	-26,910	-33,581	0,000	0,864	-9,629	8,124
	2655	4	0,000	-3,750	-42,089	-42,850	0,000	-29,516	-36,449	0,000	-1,487	-12,547	6,135
	2670	5	0,000	-3,833	-43,425	-44,207	0,000	-32,207	-39,409	0,000	-4,057	-15,706	3,934
Plate_1_6	2670	1	0,000	-3,833	-71,844	-73,406	0,000	17,101	-37,352	17,578	-4,057	-15,706	3,934
Element 6-7 (Plate)	2671	2	0,000	-3,925	-73,331	-74,914	0,000	14,044	-40,623	14,508	-2,629	-19,244	4,690
(Paratia 800)	2672	3	0,000	-4,017	-74,836	-76,440	0,000	10,888	-44,006	11,340	-1,486	-23,098	5,170
	2673	4	0,000	-4,108	-76,359	-77,984	0,000	7,633	-47,500	8,075	-0,636	-27,276	5,366
	2718	5	0,000	-4,200	-77,898	-79,545	0,000	4,283	-51,131	4,715	-0,089	-31,787	5,269
Plate_1_7	2718	1	0,000	-4,200	-77,898	-79,545	0,000	4,283	-50,913	4,715	-0,089	-31,787	5,269
Element 7-8 (Plate)	2719	2	0,000	-4,275	-79,170	-80,835	0,000	1,470	-49,790	1,896	0,127	-35,559	4,967
(Paratia 800)	2720	3	0,000	-4,350	-80,454	-82,136	0,000	-1,406	-48,941	0,000	0,130	-39,261	4,464
	2721	4	0,000	-4,425	-81,749	-83,448	0,000	-4,345	-48,272	0,000	-0,085	-42,906	3,754
	2796	5	0,000	-4,500	-83,054	-84,770	0,000	-7,343	-47,754	0,000	-0,523	-46,505	2,833
Plate_1_8	2796	1	0,000	-4,500	-83,053	-84,770	0,000	-7,342	-47,753	0,000	-0,523	-46,505	2,833
Element 8-9 (Plate)	2797	2	0,000	-4,604	-84,883	-86,624	0,000	-11,609	-47,069	0,000	-1,509	-51,442	1,280
(Paratia 800)	2798	3	0,000	-4,708	-86,730	-88,496	0,000	-15,982	-46,546	0,000	-2,946	-56,319	0,000
	2799	4	0,000	-4,813	-88,593	-90,383	0,000	-20,456	-46,195	0,000	-4,843	-61,149	0,000
	3262	5	0,000	-4,917	-90,469	-92,283	0,000	-25,025	-46,029	0,000	-7,211	-65,951	0,000
Plate_1_8	3262	1	0,000	-4,917	-90,466	-92,281	0,000	-25,019	-46,037	0,000	-7,211	-65,951	0,000
Element 8-10 (Plate)	3263	2	0,000	-4,998	-91,936	-93,769	0,000	-28,639	-46,094	0,000	-9,391	-69,692	0,000
(Paratia 800)	3264	3	0,000	-5,079	-93,403	-95,256	0,000	-32,287	-46,267	0,000	-11,867	-73,445	0,000
	3265	4	0,000	-5,161	-94,865	-96,736	0,000	-35,956	-46,549	0,000	-14,640	-77,216	0,000
	3612	5	0,000	-5,242	-96,317	-98,208	0,000	-39,637	-46,934	0,000	-17,710	-81,012	0,000
Plate_1_8	3612	1	0,000	-5,242	-96,298	-98,188	0,000	-39,617	-46,902	0,000	-17,710	-81,012	0,000
Element 8-11 (Plate)	3613	2	0,000	-5,305	-97,428	-99,332	0,000	-42,473	-48,033	0,000	-20,311	-83,995	0,000
(Paratia 800)	3614	3	0,000	-5,369	-98,498	-100,417	0,000	-45,265	-49,759	0,000	-23,093	-87,000	0,000
	3615	4	0,000	-5,432	-99,485	-101,419	0,000	-47,927	-52,320	0,000	-26,047	-90,020	0,000
	4350	5	0,000	-5,495	-100,367	-102,315	0,000	-50,394	-54,711	0,000	-29,163	-93,050	0,000

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
Plate_1_9	4350	1	0,000	-5,495	-100,440	-102,399	0,000	-49,346	-53,693	0,000	-29,163	-93,050	0,000
Element 9-12 (Plate)	4351	2	0,000	-5,496	-100,492	-102,453	0,000	-49,349	-53,702	0,000	-29,221	-93,106	0,000
(Paratia 800)	4352	3	0,000	-5,498	-100,544	-102,507	0,000	-49,339	-53,698	0,000	-29,280	-93,162	0,000
	4353	4	0,000	-5,499	-100,596	-102,560	0,000	-49,316	-53,683	0,000	-29,338	-93,218	0,000
	4369	5	0,000	-5,500	-100,648	-102,613	0,000	-49,281	-53,655	0,000	-29,396	-93,273	0,000
Plate_1_10	4369	1	0,000	-5,500	-100,700	-102,666	0,000	-49,553	-53,951	0,000	-29,396	-93,273	0,000
Element 10-13 (Plate)	4370	2	0,000	-5,550	-102,650	-104,682	0,000	-47,306	-51,892	0,000	-31,795	-95,503	0,000
(Paratia 800)	4371	3	0,000	-5,599	-104,520	-106,620	0,000	-45,590	-50,310	0,000	-34,097	-97,540	0,000
	4372	4	0,000	-5,649	-106,319	-108,485	0,000	-44,378	-49,191	0,000	-36,325	-99,397	0,000
	4373	5	0,000	-5,698	-108,054	-110,287	0,000	-43,646	-48,519	0,000	-38,505	-101,088	0,000
Plate_1_10	4373	1	0,000	-5,698	-108,149	-110,383	0,000	-43,114	-48,018	0,000	-38,505	-101,088	0,000
Element 10-14 (Plate)	4337	2	0,000	-5,946	-116,392	-118,960	0,000	-43,229	-48,259	0,000	-49,128	-107,337	0,000
(Paratia 800)	4338	3	0,000	-6,194	-124,391	-127,297	0,000	-46,699	-51,821	0,053	-60,223	-110,484	0,000
	4339	4	0,000	-6,442	-132,167	-135,413	0,000	-53,136	-58,571	3,793	-72,533	-111,027	0,000
	4554	5	0,000	-6,690	-139,740	-143,327	0,000	-62,157	-67,970	10,370	-86,777	-109,448	0,000
Plate_2_1	9145	1	4,500	-6,690	4,284	0,000	4,284	-117,856	-117,856	0,000	3,086	0,000	3,086
Element 11-15 (Plate)	9148	2	4,570	-6,690	3,291	0,000	3,291	-120,634	-120,634	0,000	-5,250	-5,250	0,000
(PLINTO)	9147	3	4,640	-6,690	2,958	0,000	2,958	-121,191	-121,191	0,000	-13,690	-13,690	0,000
	9146	4	4,709	-6,690	2,854	0,000	2,854	-120,504	-120,504	0,000	-22,134	-22,134	0,000
	9835	5	4,779	-6,690	2,545	0,000	2,545	-119,547	-119,547	0,000	-30,501	-30,501	0,000
Plate_2_1	9835	1	4,779	-6,690	2,663	0,000	2,663	-119,481	-119,481	0,000	-30,501	-30,501	0,000
Element 11-16 (Plate)	9831	2	4,852	-6,690	2,543	0,000	2,543	-118,094	-118,094	0,000	-39,128	-39,128	0,000
(PLINTO)	9830	3	4,924	-6,690	2,442	0,000	2,442	-116,509	-116,509	0,000	-47,650	-47,650	0,000
	9829	4	4,997	-6,690	2,353	0,000	2,353	-114,771	-114,771	0,000	-56,052	-56,052	0,000
	9855	5	5,070	-6,690	2,271	0,000	2,271	-112,928	-112,928	0,000	-64,319	-64,319	0,000
Plate_2_1	9855	1	5,070	-6,690	2,272	0,000	2,272	-112,925	-112,925	0,000	-64,319	-64,319	0,000
Element 11-17 (Plate)	9815	2	5,145	-6,690	2,196	0,000	2,196	-110,908	-110,908	0,000	-72,779	-72,779	0,000
(PLINTO)	9814	3	5,221	-6,690	2,126	0,000	2,126	-108,813	-108,813	0,000	-81,087	-81,087	0,000
	9813	4	5,296	-6,690	2,059	0,000	2,059	-106,654	-106,654	0,000	-89,235	-89,235	0,000

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
	9819	5	5,372	-6,690	1,996	0,000	1,996	-104,445	-104,445	0,000	-97,214	-97,214	0,000
Plate_2_1	9819	1	5,372	-6,690	1,996	0,000	1,996	-104,444	-104,444	0,000	-97,214	-97,214	0,000
Element 11-18 (Plate)	9822	2	5,451	-6,690	1,933	0,000	1,933	-102,095	-102,095	0,000	-105,340	-105,340	0,000
(PLINTO)	9821	3	5,529	-6,690	1,873	0,000	1,873	-99,704	-99,704	0,000	-113,284	-113,284	0,000
	9820	4	5,608	-6,690	1,814	0,000	1,814	-97,277	-97,277	0,000	-121,038	-121,038	0,000
	10515	5	5,687	-6,690	1,757	0,000	1,757	-94,821	-94,821	0,000	-128,596	-128,596	0,000
Plate_2_1	10515	1	5,687	-6,690	1,757	0,000	1,757	-94,820	-94,820	0,000	-128,596	-128,596	0,000
Element 11-19 (Plate)	10511	2	5,769	-6,690	1,699	0,000	1,699	-92,233	-92,233	0,000	-136,258	-136,258	0,000
(PLINTO)	10510	3	5,851	-6,690	1,641	0,000	1,641	-89,619	-89,619	0,000	-143,710	-143,710	0,000
	10509	4	5,933	-6,690	1,584	0,000	1,584	-86,982	-86,982	0,000	-150,947	-150,947	0,000
	10611	5	6,015	-6,690	1,528	0,000	1,528	-84,326	-84,326	0,000	-157,964	-157,964	0,000
Plate_2_1	10611	1	6,015	-6,690	1,528	0,000	1,528	-84,324	-84,324	0,000	-157,964	-157,964	0,000
Element 11-20 (Plate)	10607	2	6,100	-6,690	1,470	0,000	1,470	-81,539	-81,539	0,000	-165,037	-165,037	0,000
(PLINTO)	10606	3	6,185	-6,690	1,413	0,000	1,413	-78,735	-78,735	0,000	-171,874	-171,874	0,000
	10605	4	6,270	-6,690	1,356	0,000	1,356	-75,913	-75,913	0,000	-178,471	-178,471	0,000
	11095	5	6,356	-6,690	1,298	0,000	1,298	-73,079	-73,079	0,000	-184,824	-184,824	0,000
Plate_2_1	11095	1	6,356	-6,690	1,298	0,000	1,298	-73,077	-73,077	0,000	-184,824	-184,824	0,000
Element 11-21 (Plate)	11098	2	6,445	-6,690	1,239	0,000	1,239	-70,112	-70,112	0,000	-191,181	-191,181	0,000
(PLINTO)	11097	3	6,533	-6,690	1,180	0,000	1,183	-67,132	-67,132	0,000	-197,276	-197,276	0,000
	11096	4	6,622	-6,690	1,120	0,000	1,127	-64,138	-64,138	0,000	-203,106	-203,106	0,000
	11311	5	6,711	-6,690	1,061	0,000	1,072	-61,136	-61,136	0,000	-208,666	-208,666	0,000
Plate_2_1	11311	1	6,711	-6,690	1,061	0,000	1,072	-61,134	-61,134	0,000	-208,666	-208,666	0,000
Element 11-22 (Plate)	11315	2	6,803	-6,690	0,999	0,000	1,013	-57,997	-57,997	0,000	-214,172	-214,172	0,000
(PLINTO)	11316	3	6,896	-6,690	0,937	0,000	0,955	-54,847	-54,847	0,000	-219,389	-219,389	0,000
	11317	4	6,988	-6,690	0,875	0,000	0,896	-51,686	-51,686	0,000	-224,314	-224,314	0,000
	11743	5	7,081	-6,690	0,813	0,000	0,838	-48,519	-48,519	0,000	-228,945	-228,945	0,000
Plate_2_1	11743	1	7,081	-6,690	0,813	0,000	0,838	-48,517	-48,517	0,000	-228,945	-228,945	0,000
Element 11-23 (Plate)	11746	2	7,177	-6,690	0,748	0,000	0,777	-45,210	-45,210	0,000	-233,454	-233,454	0,000
(PLINTO)	11745	3	7,273	-6,690	0,683	0,000	0,715	-41,891	-41,891	0,000	-237,646	-237,646	0,000

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
	11744	4	7,369	-6,690	0,618	0,000	0,654	-38,564	-38,564	0,000	-241,518	-241,518	0,000
	12307	5	7,466	-6,690	0,553	0,000	0,592	-35,231	-35,231	0,000	-245,068	-245,068	0,000
Plate_2_1	12307	1	7,466	-6,690	0,553	0,000	0,592	-35,229	-35,229	0,000	-245,068	-245,068	0,000
Element 11-24 (Plate)	12303	2	7,566	-6,690	0,486	0,000	0,528	-31,751	-31,751	0,000	-248,423	-248,423	0,000
(PLINTO)	12302	3	7,666	-6,690	0,418	0,000	0,464	-28,261	-28,261	0,000	-251,430	-251,430	0,000
	12301	4	7,766	-6,690	0,350	0,000	0,399	-24,764	-24,764	0,000	-254,086	-254,086	0,000
	12581	5	7,866	-6,690	0,282	0,000	0,335	-21,262	-21,262	0,000	-256,391	-256,391	0,000
Plate_2_1	12581	1	7,866	-6,690	0,282	0,000	0,335	-21,260	-21,260	0,000	-256,391	-256,391	0,000
Element 11-25 (Plate)	12584	2	7,971	-6,690	0,212	0,000	0,268	-17,606	-17,606	0,000	-258,418	-258,418	0,000
(PLINTO)	12583	3	8,075	-6,690	0,142	0,000	0,201	-13,942	-13,942	0,000	-260,063	-260,063	0,000
	12582	4	8,179	-6,690	0,072	0,000	0,163	-10,270	-10,270	0,000	-261,327	-261,327	0,000
	12597	5	8,284	-6,690	0,002	0,000	0,129	-6,594	-6,594	0,000	-262,206	-262,206	0,000
Plate_2_1	12597	1	8,284	-6,690	0,002	0,000	0,129	-6,592	-6,592	0,000	-262,206	-262,206	0,000
Element 11-26 (Plate)	12601	2	8,392	-6,690	-0,071	-0,071	0,093	-2,757	-2,757	0,000	-262,713	-262,713	0,000
(PLINTO)	12602	3	8,501	-6,690	-0,143	-0,143	0,058	1,089	0,000	1,089	-262,804	-262,804	0,000
	12603	4	8,609	-6,690	-0,214	-0,214	0,023	4,942	0,000	4,942	-262,476	-262,477	0,000
	12973	5	8,718	-6,690	-0,285	-0,285	0,000	8,799	0,000	8,799	-261,731	-261,731	0,000
Plate_2_1	12973	1	8,718	-6,690	-0,285	-0,285	0,000	8,801	0,000	8,801	-261,731	-261,731	0,000
Element 11-27 (Plate)	12976	2	8,831	-6,690	-0,358	-0,358	0,000	12,824	0,000	12,824	-260,509	-260,509	0,000
(PLINTO)	12975	3	8,944	-6,690	-0,431	-0,431	0,000	16,858	0,000	16,858	-258,831	-258,831	0,000
	12974	4	9,057	-6,690	-0,503	-0,503	0,000	20,899	0,000	20,899	-256,697	-256,697	0,000
	13181	5	9,170	-6,690	-0,573	-0,573	0,000	24,945	0,000	24,945	-254,107	-254,107	0,000
Plate_2_1	13181	1	9,170	-6,690	-0,573	-0,573	0,000	24,947	0,000	24,947	-254,107	-254,107	0,000
Element 11-28 (Plate)	13185	2	9,288	-6,690	-0,646	-0,646	0,000	29,166	0,000	29,166	-250,924	-250,924	0,000
(PLINTO)	13186	3	9,405	-6,690	-0,718	-0,718	0,000	33,395	0,000	33,395	-247,242	-247,242	0,000
	13187	4	9,523	-6,690	-0,788	-0,788	0,000	37,632	0,000	37,632	-243,063	-243,063	0,000
	13203	5	9,641	-6,690	-0,857	-0,857	0,000	41,873	0,000	41,873	-238,386	-238,386	0,000
Plate_2_1	13203	1	9,641	-6,690	-0,857	-0,857	0,000	41,875	0,000	41,875	-238,386	-238,386	0,000
Element 11-29 (Plate)	13207	2	9,763	-6,690	-0,927	-0,927	0,000	46,297	0,000	46,297	-232,988	-232,988	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
(PLINTO)	13208	3	9,886	-6,690	-0,996	-0,996	0,000	50,729	0,000	50,729	-227,043	-227,043	0,000
	13209	4	10,008	-6,690	-1,062	-1,062	0,000	55,168	0,000	55,168	-220,556	-220,556	0,000
	13761	5	10,131	-6,690	-1,126	-1,126	0,000	59,609	0,000	59,609	-213,528	-213,528	0,000
Plate_2_1	13761	1	10,131	-6,690	-1,126	-1,126	0,000	59,611	0,000	59,611	-213,528	-213,528	0,000
Element 11-30 (Plate)	13762	2	10,258	-6,690	-1,190	-1,190	0,000	64,241	0,000	64,241	-205,633	-205,633	0,000
(PLINTO)	13763	3	10,386	-6,690	-1,250	-1,250	0,000	68,878	0,000	68,878	-197,144	-197,144	0,000
	13764	4	10,513	-6,690	-1,306	-1,306	0,000	73,519	0,000	73,519	-188,063	-188,063	0,000
	14211	5	10,641	-6,690	-1,358	-1,358	0,000	78,159	0,000	78,159	-178,394	-178,394	0,000
Plate_2_1	14211	1	10,641	-6,690	-1,357	-1,357	0,000	78,162	0,000	78,162	-178,394	-178,394	0,000
Element 11-31 (Plate)	14215	2	10,773	-6,690	-1,405	-1,405	0,000	82,992	0,000	82,992	-167,700	-167,700	0,000
(PLINTO)	14216	3	10,906	-6,690	-1,445	-1,445	0,000	87,822	0,000	87,822	-156,359	-156,359	0,000
	14217	4	11,039	-6,690	-1,475	-1,475	0,000	92,646	0,000	92,646	-144,378	-144,378	0,000
	14683	5	11,172	-6,690	-1,494	-1,494	0,000	97,453	0,000	97,453	-131,762	-131,762	0,000
Plate_2_1	14683	1	11,172	-6,690	-1,497	-1,497	0,000	97,455	0,000	97,455	-131,762	-131,762	0,000
Element 11-32 (Plate)	14687	2	11,310	-6,690	-1,496	-1,496	0,000	102,439	0,000	102,439	-117,953	-117,953	0,000
(PLINTO)	14688	3	11,448	-6,690	-1,478	-1,478	0,000	107,391	0,000	107,391	-103,450	-103,450	0,000
	14689	4	11,586	-6,690	-1,434	-1,434	0,000	112,287	0,000	112,287	-88,266	-88,266	0,000
	14965	5	11,725	-6,690	-1,352	-1,352	0,000	117,105	0,000	117,105	-72,418	-72,418	0,000
Plate_2_1	14965	1	11,725	-6,690	-1,360	-1,360	0,000	117,161	0,000	117,161	-72,418	-72,418	0,000
Element 11-33 (Plate)	14971	2	11,868	-6,690	-1,194	-1,194	0,000	121,960	0,000	121,960	-55,226	-55,226	0,000
(PLINTO)	14970	3	12,012	-6,690	-0,940	-0,940	0,000	126,630	0,000	126,630	-37,327	-37,327	0,000
	14969	4	12,156	-6,690	-0,485	-0,485	0,000	130,651	0,000	130,651	-18,813	-18,813	0,000
	15443	5	12,300	-6,690	0,286	0,000	0,286	133,502	0,000	133,502	0,205	0,000	0,287
Plate_1_11	4554	1	0,000	-6,690	-139,463	-143,044	0,000	-57,302	-62,324	10,550	-86,777	-109,448	0,000
Element 12-34 (Plate)	4555	2	0,000	-7,054	-132,716	-136,337	0,000	-23,969	-25,521	18,658	-101,167	-109,799	0,000
(Paratia 800)	4556	3	0,000	-7,417	-126,770	-130,426	0,000	-1,247	-1,247	24,146	-105,534	-113,885	0,000
	4557	4	0,000	-7,781	-121,553	-125,291	0,000	12,890	0,000	26,985	-103,114	-111,145	0,000
	5132	5	0,000	-8,145	-116,997	-120,803	0,000	20,468	0,000	27,434	-96,914	-104,534	0,000
Plate_1_11	5132	1	0,000	-8,145	-116,911	-120,713	0,000	21,246	0,000	27,649	-96,914	-104,534	0,000

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
Element 12-35 (Plate)	5133	2	0,000	-8,459	-113,240	-117,076	0,000	25,259	0,000	28,651	-89,535	-96,822	0,000
(Paratia 800)	5134	3	0,000	-8,774	-109,815	-113,658	0,000	27,231	0,000	28,921	-81,222	-88,255	0,000
	5135	4	0,000	-9,089	-106,627	-110,450	0,000	27,339	0,000	28,427	-72,575	-79,440	0,000
	5256	5	0,000	-9,404	-103,672	-107,447	0,000	25,763	0,000	26,248	-64,176	-70,964	0,000
Plate_1_11	5256	1	0,000	-9,404	-103,650	-107,426	0,000	25,950	0,000	26,432	-64,176	-70,964	0,000
Element 12-36 (Plate)	5257	2	0,000	-9,677	-101,220	-104,930	0,000	23,653	0,000	23,657	-57,400	-64,187	0,000
(Paratia 800)	5258	3	0,000	-9,950	-98,889	-102,513	0,000	20,979	0,000	20,979	-51,310	-58,155	0,000
	5259	4	0,000	-10,223	-96,655	-100,174	0,000	18,098	-0,018	18,098	-45,972	-52,957	0,000
	5274	5	0,000	-10,495	-94,519	-97,912	0,000	15,181	-0,055	15,181	-41,438	-48,677	0,000
Plate_1_12	5274	1	0,000	-10,495	-94,502	-97,896	0,000	15,976	-0,058	15,976	-41,438	-48,677	0,000
Element 13-37 (Plate)	5275	2	0,000	-10,765	-91,075	-94,267	0,000	16,965	-0,022	16,965	-36,971	-44,719	0,000
(Paratia 800)	5276	3	0,000	-11,034	-87,753	-90,732	0,000	16,928	0,000	16,928	-32,387	-40,801	0,000
	5277	4	0,000	-11,304	-84,536	-87,291	1,447	16,093	0,000	16,093	-27,913	-37,045	0,000
	5298	5	0,000	-11,574	-81,425	-83,947	2,892	14,685	0,000	14,685	-23,758	-33,560	0,000
Plate_1_12	5298	1	0,000	-11,574	-81,416	-83,940	2,896	14,823	0,000	14,823	-23,758	-33,560	0,000
Element 13-38 (Plate)	5299	2	0,000	-11,854	-78,264	-80,537	4,290	13,399	0,000	13,399	-19,796	-30,211	0,000
(Paratia 800)	5300	3	0,000	-12,135	-75,197	-77,214	5,570	12,013	0,000	12,013	-16,228	-27,146	0,000
	5301	4	0,000	-12,416	-72,215	-73,973	6,737	10,679	0,000	10,679	-13,041	-24,346	0,000
	5412	5	0,000	-12,697	-69,320	-70,816	7,789	9,408	0,000	9,408	-10,223	-21,794	0,000
Plate_1_12	5412	1	0,000	-12,697	-69,314	-70,811	7,791	9,406	0,000	9,406	-10,223	-21,794	0,000
Element 13-39 (Plate)	5413	2	0,000	-12,990	-66,380	-67,601	8,768	8,196	0,000	8,196	-7,650	-19,373	0,000
(Paratia 800)	5414	3	0,000	-13,282	-63,515	-64,464	9,630	7,097	0,000	7,167	-5,414	-17,172	0,000
	5415	4	0,000	-13,575	-60,720	-61,400	10,378	6,103	0,000	6,523	-3,485	-15,170	0,000
	5616	5	0,000	-13,868	-57,994	-58,410	11,011	5,207	0,000	5,951	-1,832	-13,347	0,320
Plate_1_12	5616	1	0,000	-13,868	-57,988	-58,405	11,013	5,197	0,000	5,944	-1,832	-13,347	0,320
Element 13-40 (Plate)	5617	2	0,000	-14,173	-55,213	-55,360	11,557	4,365	-0,020	5,410	-0,378	-11,617	1,564
(Paratia 800)	5618	3	0,000	-14,478	-52,487	-52,487	11,988	3,630	-0,040	4,923	0,840	-10,042	2,576
	5619	4	0,000	-14,783	-49,812	-49,812	12,306	2,979	-0,055	4,478	1,845	-8,610	3,403
	5640	5	0,000	-15,088	-47,189	-47,189	12,511	2,400	-0,066	4,072	2,663	-7,307	4,045

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_12	5640	1	0,000	-15,088	-47,181	-47,181	12,513	2,388	-0,066	4,048	2,663	-7,307	4,045
Element 13-41 (Plate)	5641	2	0,000	-15,405	-44,490	-44,490	12,612	1,848	-0,072	3,634	3,335	-6,085	4,540
(Paratia 800)	5642	3	0,000	-15,723	-41,824	-41,824	12,597	1,358	-0,072	3,146	3,843	-5,006	4,878
	5643	4	0,000	-16,041	-39,184	-39,184	12,470	0,905	-0,066	2,576	4,202	-4,095	5,073
	5664	5	0,000	-16,358	-36,571	-36,571	12,230	0,476	-0,055	1,913	4,421	-3,379	5,140
Plate_1_12	5664	1	0,000	-16,358	-36,563	-36,563	12,232	0,472	-0,055	1,951	4,421	-3,379	5,140
Element 13-42 (Plate)	5665	2	0,000	-16,689	-33,854	-33,854	11,866	0,036	-0,425	1,357	4,504	-2,922	5,085
(Paratia 800)	5666	3	0,000	-17,021	-31,142	-31,142	11,386	-0,375	-0,784	0,873	4,447	-2,686	4,905
	5667	4	0,000	-17,352	-28,428	-28,428	10,791	-0,774	-1,125	0,640	4,257	-2,469	4,605
	6144	5	0,000	-17,683	-25,711	-25,711	10,082	-1,173	-1,460	0,623	3,935	-2,295	4,186
Plate_1_12	6144	1	0,000	-17,683	-25,703	-25,703	10,084	-1,158	-1,448	0,623	3,935	-2,295	4,186
Element 13-43 (Plate)	6145	2	0,000	-18,028	-22,853	-22,853	9,228	-1,571	-1,790	0,618	3,459	-2,193	3,629
(Paratia 800)	6146	3	0,000	-18,373	-19,965	-19,965	8,257	-1,894	-2,078	0,633	2,863	-2,203	2,963
	6147	4	0,000	-18,717	-17,036	-17,036	7,171	-2,205	-2,359	0,659	2,154	-2,212	2,196
	6734	5	0,000	-19,062	-14,065	-14,065	5,972	-2,581	-2,694	0,690	1,333	-2,188	1,333
Plate_1_12	6734	1	0,000	-19,062	-14,007	-14,007	5,981	-1,991	-1,991	0,840	1,333	-2,188	1,333
Element 13-44 (Plate)	6735	2	0,000	-19,422	-10,903	-10,903	4,607	-2,615	-2,741	0,692	0,354	-2,137	0,354
(Paratia 800)	6736	3	0,000	-19,781	-7,588	-7,588	3,137	-0,826	-0,826	1,847	-0,205	-1,688	0,000
	6737	4	0,000	-20,141	-4,019	-4,019	1,584	0,812	0,000	2,828	-0,258	-0,885	0,000
	6738	5	0,000	-20,500	-0,148	-0,148	0,000	-0,268	-0,608	1,385	0,000	0,000	0,000

3.1.1.1.10 Calculation results, Plate, Versante - fase B [Phase_10] (10/38), Table of plate force envelopes

Structural element	Node [10^3]	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_1	2432	1	0,000	-0,500	0,000	0,000	0,051	-0,001	-0,386	0,000	0,000	0,000	0,000
Element 1-1 (Plate)	2433	2	0,000	-0,625	-0,342	-1,315	0,000	-1,357	-1,357	4,261	-0,077	-0,077	0,260
(Paratia 800)	2434	3	0,000	-0,750	-0,685	-2,698	0,000	-3,431	-3,431	7,428	-0,369	-0,369	1,003
	2435	4	0,000	-0,875	-1,028	-4,097	0,000	-6,220	-6,220	9,316	-0,965	-0,965	2,065
	2431	5	0,000	-1,000	-1,370	-5,515	0,000	-9,722	-9,722	10,104	-1,954	-1,954	3,288
Plate_1_2	2431	1	0,000	-1,000	-1,370	-5,519	0,000	-9,726	-9,726	10,329	-1,954	-1,954	3,288
Element 2-2 (Plate)	2190	2	0,000	-1,250	-2,055	-8,410	0,000	-19,747	-19,747	11,502	-5,577	-5,577	6,037
(Paratia 800)	2191	3	0,000	-1,500	-2,740	-11,386	0,000	-32,639	-32,639	11,686	-12,068	-12,068	8,956
	2192	4	0,000	-1,750	-3,425	-14,447	0,000	-48,391	-48,391	10,918	-22,138	-22,138	11,802
	2233	5	0,000	-2,000	-4,110	-17,594	0,000	-66,994	-66,994	9,234	-36,500	-36,500	14,339
Plate_1_3	2233	1	0,000	-2,000	-4,110	-17,598	0,000	-67,000	-67,000	9,251	-36,500	-36,500	14,339
Element 3-3 (Plate)	2234	2	0,000	-2,125	-4,452	-19,211	0,000	-76,968	-76,968	8,103	-45,494	-45,494	15,425
(Paratia 800)	2235	3	0,000	-2,250	-4,795	-20,852	0,000	-87,063	-87,063	6,749	-55,747	-55,747	16,356
	2236	4	0,000	-2,375	-5,138	-22,520	0,000	-97,277	-97,277	5,190	-67,270	-67,270	17,104
	2407	5	0,000	-2,500	-5,480	-24,215	0,000	-107,603	-107,603	3,427	-80,071	-80,071	17,645
Plate_1_4	2407	1	0,000	-2,500	-5,480	-24,216	0,000	-107,609	-107,609	3,428	-80,071	-80,071	17,645
Element 4-4 (Plate)	2408	2	0,000	-2,650	-5,891	-26,288	0,000	-123,255	-123,255	1,047	-97,380	-97,380	17,984
(Paratia 800)	2409	3	0,000	-2,800	-6,302	-28,404	0,000	-139,035	-139,035	0,045	-117,056	-117,056	17,945
	2410	4	0,000	-2,950	-6,713	-30,563	0,000	-154,938	-154,938	0,022	-139,108	-139,108	17,483
	2498	5	0,000	-3,100	-7,124	-32,766	0,000	-170,953	-170,953	0,000	-163,544	-163,544	16,557
Plate_1_4	2498	1	0,000	-3,100	-7,124	-32,767	0,000	-170,959	-170,959	0,000	-163,544	-163,544	16,557
Element 4-5 (Plate)	2499	2	0,000	-3,200	-7,398	-34,260	0,000	-181,703	-181,703	0,000	-181,172	-181,172	15,661
(Paratia 800)	2500	3	0,000	-3,300	-7,672	-35,776	0,000	-192,509	-192,509	0,000	-199,885	-199,885	14,525
	2501	4	0,000	-3,400	-7,946	-37,311	0,000	-203,370	-203,370	0,000	-219,682	-219,682	13,139
	2652	5	0,000	-3,500	-8,220	-38,867	0,000	-214,277	-214,277	0,000	-240,558	-240,557	11,491
Plate_1_5	2652	1	0,000	-3,500	-8,220	-38,868	0,000	-214,282	-214,282	0,000	-240,558	-240,557	11,491

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
Element 5-6 (Plate)	2653	2	0,000	-3,583	-8,448	-40,180	0,000	-223,118	-223,118	0,000	-258,776	-258,776	9,907
(Paratia 800)	2654	3	0,000	-3,667	-8,677	-41,508	0,000	-231,997	-231,997	0,000	-277,741	-277,741	8,124
	2655	4	0,000	-3,750	-8,905	-42,850	0,000	-240,915	-240,915	0,000	-297,448	-297,448	6,135
	2670	5	0,000	-3,833	-9,133	-44,207	0,000	-249,864	-249,864	0,000	-317,890	-317,890	3,934
Plate_1_6	2670	1	0,000	-3,833	-117,498	-117,498	0,000	-61,849	-61,849	17,578	-317,890	-317,890	3,934
Element 6-7 (Plate)	2671	2	0,000	-3,925	-117,749	-117,749	0,000	-71,739	-71,739	14,508	-324,011	-324,011	4,690
(Paratia 800)	2672	3	0,000	-4,017	-118,000	-118,000	0,000	-81,682	-81,682	11,340	-331,045	-331,045	5,170
	2673	4	0,000	-4,108	-118,251	-118,251	0,000	-91,671	-91,671	8,075	-338,993	-338,993	5,366
	2718	5	0,000	-4,200	-118,502	-118,502	0,000	-101,699	-101,699	4,715	-347,854	-347,854	5,269
Plate_1_7	2718	1	0,000	-4,200	-118,502	-118,502	0,000	-101,704	-101,704	4,715	-347,854	-347,854	5,269
Element 7-8 (Plate)	2719	2	0,000	-4,275	-118,708	-118,708	0,000	-109,942	-109,942	1,896	-355,789	-355,789	4,967
(Paratia 800)	2720	3	0,000	-4,350	-118,913	-118,913	0,000	-118,217	-118,217	0,000	-364,347	-364,347	4,464
	2721	4	0,000	-4,425	-119,119	-119,119	0,000	-126,522	-126,522	0,000	-373,526	-373,526	3,754
	2796	5	0,000	-4,500	-119,324	-119,324	0,000	-134,853	-134,853	0,000	-383,325	-383,325	2,833
Plate_1_8	2796	1	0,000	-4,500	-119,324	-119,324	0,000	-134,857	-134,857	0,000	-383,325	-383,325	2,833
Element 8-9 (Plate)	2797	2	0,000	-4,604	-119,610	-119,610	0,000	-146,082	-146,082	0,000	-397,956	-397,956	1,280
(Paratia 800)	2798	3	0,000	-4,708	-119,895	-119,895	0,000	-157,379	-157,379	0,000	-413,767	-413,767	0,000
	2799	4	0,000	-4,813	-120,181	-120,181	0,000	-168,742	-168,742	0,000	-430,758	-430,758	0,000
	3262	5	0,000	-4,917	-120,466	-120,466	0,000	-180,161	-180,161	0,000	-448,929	-448,929	0,000
Plate_1_8	3262	1	0,000	-4,917	-120,466	-120,466	0,000	-180,166	-180,166	0,000	-448,929	-448,929	0,000
Element 8-10 (Plate)	3263	2	0,000	-4,998	-120,689	-120,689	0,000	-189,117	-189,117	0,000	-463,928	-463,928	0,000
(Paratia 800)	3264	3	0,000	-5,079	-120,912	-120,912	0,000	-198,114	-198,114	0,000	-479,664	-479,664	0,000
	3265	4	0,000	-5,161	-121,134	-121,134	0,000	-207,150	-207,150	0,000	-496,133	-496,133	0,000
	3612	5	0,000	-5,242	-121,357	-121,357	0,000	-216,219	-216,219	0,000	-513,330	-513,330	0,000
Plate_1_8	3612	1	0,000	-5,242	-121,357	-121,357	0,000	-216,223	-216,223	0,000	-513,330	-513,330	0,000
Element 8-11 (Plate)	3613	2	0,000	-5,305	-121,530	-121,530	0,000	-223,324	-223,324	0,000	-527,255	-527,255	0,000
(Paratia 800)	3614	3	0,000	-5,369	-121,704	-121,704	0,000	-230,454	-230,454	0,000	-541,637	-541,637	0,000
	3615	4	0,000	-5,432	-121,878	-121,878	0,000	-237,608	-237,608	0,000	-556,472	-556,472	0,000
	4350	5	0,000	-5,495	-122,051	-122,051	0,000	-244,781	-244,781	0,000	-571,754	-571,754	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_9	4350	1	0,000	-5,495	-122,049	-122,049	0,000	-244,783	-244,783	0,000	-571,754	-571,754	0,000
Element 9-12 (Plate)	4351	2	0,000	-5,496	-122,102	-122,102	0,000	-244,645	-244,645	0,000	-572,044	-572,044	0,000
(Paratia 800)	4352	3	0,000	-5,498	-122,154	-122,154	0,000	-244,485	-244,485	0,000	-572,334	-572,334	0,000
	4353	4	0,000	-5,499	-122,207	-122,207	0,000	-244,303	-244,303	0,000	-572,623	-572,623	0,000
	4369	5	0,000	-5,500	-122,258	-122,258	0,000	-244,099	-244,099	0,000	-572,912	-572,912	0,000
Plate_1_10	4369	1	0,000	-5,500	-122,309	-122,309	0,000	-244,848	-244,848	0,000	-572,912	-572,912	0,000
Element 10-13 (Plate)	4370	2	0,000	-5,550	-124,249	-124,249	0,000	-225,989	-225,989	0,000	-584,572	-584,572	0,000
(Paratia 800)	4371	3	0,000	-5,599	-126,056	-126,056	0,000	-209,411	-209,411	0,000	-595,361	-595,361	0,000
	4372	4	0,000	-5,649	-127,741	-127,741	0,000	-194,959	-194,959	0,000	-605,379	-605,379	0,000
	4373	5	0,000	-5,698	-129,315	-129,315	0,000	-182,482	-182,482	0,000	-614,726	-614,726	0,000
Plate_1_10	4373	1	0,000	-5,698	-129,492	-129,492	0,000	-181,921	-181,921	0,000	-614,726	-614,726	0,000
Element 10-14 (Plate)	4337	2	0,000	-5,946	-136,319	-136,319	0,000	-129,051	-129,051	0,000	-653,023	-653,023	0,000
(Paratia 800)	4338	3	0,000	-6,194	-142,391	-142,391	0,000	-86,441	-86,441	0,053	-679,579	-679,579	0,000
	4339	4	0,000	-6,442	-147,749	-147,749	0,000	-52,607	-58,571	3,793	-696,618	-696,618	0,000
	4554	5	0,000	-6,690	-152,430	-152,430	0,000	-26,063	-67,970	10,370	-706,248	-706,248	0,000
Plate_2_1	9145	1	4,500	-6,690	14,451	0,000	14,451	-204,850	-205,078	0,000	1,118	0,000	12,570
Element 11-15 (Plate)	9148	2	4,570	-6,690	14,453	0,000	14,453	-201,269	-201,374	0,000	-13,044	-13,044	0,000
(PLINTO)	9147	3	4,640	-6,690	14,469	0,000	14,469	-197,727	-197,762	0,000	-26,965	-26,965	0,000
	9146	4	4,709	-6,690	14,481	0,000	14,481	-194,209	-194,209	0,000	-40,640	-40,640	0,000
	9835	5	4,779	-6,690	14,467	0,000	14,467	-190,699	-190,699	0,000	-54,063	-54,063	0,000
Plate_2_1	9835	1	4,779	-6,690	14,478	0,000	14,478	-190,699	-190,699	0,000	-54,063	-54,063	0,000
Element 11-16 (Plate)	9831	2	4,852	-6,690	14,477	0,000	14,477	-187,052	-187,052	0,000	-67,778	-67,778	0,000
(PLINTO)	9830	3	4,924	-6,690	14,476	0,000	14,476	-183,407	-183,407	0,000	-81,233	-81,233	0,000
	9829	4	4,997	-6,690	14,476	0,000	14,476	-179,764	-179,764	0,000	-94,424	-94,424	0,000
	9855	5	5,070	-6,690	14,476	0,000	14,476	-176,126	-176,126	0,000	-107,345	-107,345	0,000
Plate_2_1	9855	1	5,070	-6,690	14,474	0,000	14,474	-176,124	-176,124	0,000	-107,345	-107,345	0,000
Element 11-17 (Plate)	9815	2	5,145	-6,690	14,474	0,000	14,474	-172,338	-172,338	0,000	-120,515	-120,515	0,000
(PLINTO)	9814	3	5,221	-6,690	14,474	0,000	14,474	-168,550	-168,550	0,000	-133,404	-133,404	0,000
	9813	4	5,296	-6,690	14,474	0,000	14,474	-164,764	-164,764	0,000	-146,008	-146,008	0,000

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
	9819	5	5,372	-6,690	14,472	0,000	14,472	-160,980	-160,980	0,000	-158,319	-158,319	0,000
Plate_2_1	9819	1	5,372	-6,690	14,472	0,000	14,472	-160,978	-160,978	0,000	-158,319	-158,319	0,000
Element 11-18 (Plate)	9822	2	5,451	-6,690	14,473	0,000	14,473	-157,040	-157,040	0,000	-170,831	-170,831	0,000
(PLINTO)	9821	3	5,529	-6,690	14,473	0,000	14,473	-153,100	-153,100	0,000	-183,040	-183,040	0,000
	9820	4	5,608	-6,690	14,473	0,000	14,473	-149,160	-149,160	0,000	-194,938	-194,938	0,000
	10515	5	5,687	-6,690	14,473	0,000	14,473	-145,223	-145,223	0,000	-206,520	-206,520	0,000
Plate_2_1	10515	1	5,687	-6,690	14,472	0,000	14,472	-145,221	-145,221	0,000	-206,520	-206,520	0,000
Element 11-19 (Plate)	10511	2	5,769	-6,690	14,473	0,000	14,473	-141,123	-141,123	0,000	-218,249	-218,249	0,000
(PLINTO)	10510	3	5,851	-6,690	14,474	0,000	14,474	-137,022	-137,022	0,000	-229,646	-229,646	0,000
	10509	4	5,933	-6,690	14,475	0,000	14,475	-132,921	-132,921	0,000	-240,708	-240,708	0,000
	10611	5	6,015	-6,690	14,475	0,000	14,475	-128,823	-128,823	0,000	-251,429	-251,429	0,000
Plate_2_1	10611	1	6,015	-6,690	14,473	0,000	14,473	-128,821	-128,821	0,000	-251,429	-251,429	0,000
Element 11-20 (Plate)	10607	2	6,100	-6,690	14,474	0,000	14,474	-124,556	-124,556	0,000	-262,233	-262,233	0,000
(PLINTO)	10606	3	6,185	-6,690	14,475	0,000	14,475	-120,287	-120,287	0,000	-272,678	-272,678	0,000
	10605	4	6,270	-6,690	14,476	0,000	14,476	-116,018	-116,018	0,000	-282,759	-282,759	0,000
	11095	5	6,356	-6,690	14,477	0,000	14,477	-111,752	-111,752	0,000	-292,471	-292,471	0,000
Plate_2_1	11095	1	6,356	-6,690	14,479	0,000	14,479	-111,750	-111,750	0,000	-292,471	-292,471	0,000
Element 11-21 (Plate)	11098	2	6,445	-6,690	14,480	0,000	14,480	-107,309	-107,309	0,000	-302,195	-302,195	0,000
(PLINTO)	11097	3	6,533	-6,690	14,481	0,000	14,481	-102,866	-102,866	0,000	-311,529	-311,529	0,000
	11096	4	6,622	-6,690	14,483	0,000	14,483	-98,422	-98,422	0,000	-320,468	-320,468	0,000
	11311	5	6,711	-6,690	14,484	0,000	14,484	-93,981	-93,981	0,000	-329,009	-329,009	0,000
Plate_2_1	11311	1	6,711	-6,690	14,484	0,000	14,484	-93,978	-93,978	0,000	-329,009	-329,009	0,000
Element 11-22 (Plate)	11315	2	6,803	-6,690	14,485	0,000	14,485	-89,355	-89,355	0,000	-337,481	-337,481	0,000
(PLINTO)	11316	3	6,896	-6,690	14,487	0,000	14,487	-84,729	-84,729	0,000	-345,529	-345,529	0,000
	11317	4	6,988	-6,690	14,489	0,000	14,489	-80,102	-80,102	0,000	-353,150	-353,150	0,000
	11743	5	7,081	-6,690	14,491	0,000	14,491	-75,479	-75,479	0,000	-360,339	-360,339	0,000
Plate_2_1	11743	1	7,081	-6,690	14,490	0,000	14,490	-75,477	-75,477	0,000	-360,339	-360,339	0,000
Element 11-23 (Plate)	11746	2	7,177	-6,690	14,493	0,000	14,493	-70,664	-70,664	0,000	-367,369	-367,369	0,000
(PLINTO)	11745	3	7,273	-6,690	14,495	0,000	14,495	-65,847	-65,847	0,000	-373,939	-373,939	0,000

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
	11744	4	7,369	-6,690	14,497	0,000	14,497	-61,030	-61,030	0,000	-380,046	-380,046	0,000
	12307	5	7,466	-6,690	14,499	0,000	14,499	-56,217	-56,217	0,000	-385,686	-385,686	0,000
Plate_2_1	12307	1	7,466	-6,690	14,499	0,000	14,499	-56,215	-56,215	0,000	-385,686	-385,686	0,000
Element 11-24 (Plate)	12303	2	7,566	-6,690	14,502	0,000	14,502	-51,204	-51,204	0,000	-391,066	-391,066	0,000
(PLINTO)	12302	3	7,666	-6,690	14,505	0,000	14,505	-46,189	-46,189	0,000	-395,946	-395,946	0,000
	12301	4	7,766	-6,690	14,507	0,000	14,507	-41,174	-41,174	0,000	-400,323	-400,323	0,000
	12581	5	7,866	-6,690	14,509	0,000	14,509	-36,163	-36,163	0,000	-404,196	-404,196	0,000
Plate_2_1	12581	1	7,866	-6,690	14,510	0,000	14,510	-36,160	-36,160	0,000	-404,196	-404,196	0,000
Element 11-25 (Plate)	12584	2	7,971	-6,690	14,511	0,000	14,511	-30,943	-30,943	0,000	-407,694	-407,694	0,000
(PLINTO)	12583	3	8,075	-6,690	14,513	0,000	14,513	-25,722	-25,722	0,000	-410,650	-410,650	0,000
	12582	4	8,179	-6,690	14,515	0,000	14,515	-20,500	-20,500	0,000	-413,061	-413,061	0,000
	12597	5	8,284	-6,690	14,519	0,000	14,519	-15,283	-15,283	0,000	-414,926	-414,926	0,000
Plate_2_1	12597	1	8,284	-6,690	14,520	0,000	14,520	-15,280	-15,280	0,000	-414,926	-414,926	0,000
Element 11-26 (Plate)	12601	2	8,392	-6,690	14,523	-0,071	14,523	-9,848	-9,848	0,000	-416,290	-416,290	0,000
(PLINTO)	12602	3	8,501	-6,690	14,527	-0,143	14,527	-4,413	-4,413	1,089	-417,064	-417,064	0,000
	12603	4	8,609	-6,690	14,530	-0,214	14,530	1,023	0,000	5,537	-417,249	-417,249	0,000
	12973	5	8,718	-6,690	14,533	-0,285	14,533	6,456	0,000	10,796	-416,843	-416,843	0,000
Plate_2_1	12973	1	8,718	-6,690	14,534	-0,285	14,534	6,458	0,000	10,798	-416,843	-416,843	0,000
Element 11-27 (Plate)	12976	2	8,831	-6,690	14,537	-0,358	14,537	12,113	0,000	16,385	-415,793	-415,793	0,000
(PLINTO)	12975	3	8,944	-6,690	14,541	-0,431	14,541	17,773	0,000	21,973	-414,104	-414,104	0,000
	12974	4	9,057	-6,690	14,545	-0,503	14,545	23,432	0,000	27,558	-411,775	-411,775	0,000
	13181	5	9,170	-6,690	14,549	-0,573	14,549	29,088	0,000	33,136	-408,807	-408,807	0,000
Plate_2_1	13181	1	9,170	-6,690	14,549	-0,573	14,549	29,091	0,000	33,139	-408,807	-408,807	0,000
Element 11-28 (Plate)	13185	2	9,288	-6,690	14,553	-0,646	14,553	34,979	0,000	38,945	-405,039	-405,039	0,000
(PLINTO)	13186	3	9,405	-6,690	14,558	-0,718	14,558	40,871	0,000	44,754	-400,575	-400,575	0,000
	13187	4	9,523	-6,690	14,563	-0,788	14,563	46,763	0,000	50,561	-395,419	-395,419	0,000
	13203	5	9,641	-6,690	14,568	-0,857	14,568	52,651	0,000	56,363	-389,571	-389,571	0,000
Plate_2_1	13203	1	9,641	-6,690	14,567	-0,857	14,567	52,654	0,000	56,366	-389,571	-389,571	0,000
Element 11-29 (Plate)	13207	2	9,763	-6,690	14,573	-0,927	14,573	58,783	0,000	62,406	-382,748	-382,748	0,000

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
(PLINTO)	13208	3	9,886	-6,690	14,579	-0,996	14,579	64,917	0,000	68,450	-375,169	-375,169	0,000
	13209	4	10,008	-6,690	14,584	-1,062	14,584	71,051	0,000	74,494	-366,840	-366,840	0,000
	13761	5	10,131	-6,690	14,590	-1,126	14,590	77,180	0,000	80,535	-357,763	-357,763	0,000
Plate_2_1	13761	1	10,131	-6,690	14,590	-1,126	14,590	77,183	0,000	80,538	-357,763	-357,763	0,000
Element 11-30 (Plate)	13762	2	10,258	-6,690	14,597	-1,190	14,597	83,563	0,000	86,842	-347,517	-347,517	0,000
(PLINTO)	13763	3	10,386	-6,690	14,604	-1,250	14,604	89,947	0,000	93,231	-336,451	-336,451	0,000
	13764	4	10,513	-6,690	14,611	-1,306	14,611	96,330	0,000	99,620	-324,572	-324,572	0,000
	14211	5	10,641	-6,690	14,618	-1,358	14,618	102,707	0,000	106,004	-311,884	-311,884	0,000
Plate_2_1	14211	1	10,641	-6,690	14,617	-1,357	14,617	102,711	0,000	106,008	-311,884	-311,884	0,000
Element 11-31 (Plate)	14215	2	10,773	-6,690	14,625	-1,405	14,625	109,349	0,000	112,654	-297,812	-297,812	0,000
(PLINTO)	14216	3	10,906	-6,690	14,632	-1,445	14,632	115,990	0,000	119,304	-282,851	-282,851	0,000
	14217	4	11,039	-6,690	14,639	-1,475	14,639	122,629	0,000	125,954	-267,009	-267,009	0,000
	14683	5	11,172	-6,690	14,645	-1,494	14,645	129,261	0,000	132,598	-250,293	-250,293	0,000
Plate_2_1	14683	1	11,172	-6,690	14,641	-1,497	14,641	129,265	0,000	132,602	-250,293	-250,293	0,000
Element 11-32 (Plate)	14687	2	11,310	-6,690	14,646	-1,496	14,646	136,167	0,000	139,519	-231,957	-231,957	0,000
(PLINTO)	14688	3	11,448	-6,690	14,651	-1,478	14,651	143,072	0,000	146,439	-212,657	-212,657	0,000
	14689	4	11,586	-6,690	14,654	-1,434	14,654	149,973	0,000	153,358	-192,403	-192,403	0,000
	14965	5	11,725	-6,690	14,655	-1,352	14,655	156,867	0,000	160,270	-171,205	-171,205	0,000
Plate_2_1	14965	1	11,725	-6,690	14,655	-1,360	14,655	156,874	0,000	160,274	-171,205	-171,205	0,000
Element 11-33 (Plate)	14971	2	11,868	-6,690	14,658	-1,194	14,658	164,041	0,000	167,467	-148,126	-148,126	0,000
(PLINTO)	14970	3	12,012	-6,690	14,658	-0,940	14,658	171,220	0,000	174,663	-124,004	-124,004	0,000
	14969	4	12,156	-6,690	14,660	-0,485	14,660	178,388	0,000	181,854	-98,849	-98,849	0,000
	15443	5	12,300	-6,690	14,669	0,000	14,669	185,521	0,000	189,032	-72,677	-72,677	0,287
Plate_1_11	4554	1	0,000	-6,690	-152,142	-152,142	0,000	-21,546	-62,324	10,550	-706,248	-706,248	0,000
Element 12-34 (Plate)	4555	2	0,000	-7,054	-144,280	-144,280	0,000	67,692	-25,521	67,692	-697,079	-697,079	0,000
(Paratia 800)	4556	3	0,000	-7,417	-137,212	-137,212	0,000	132,171	-1,247	132,171	-660,034	-660,034	0,000
	4557	4	0,000	-7,781	-130,875	-130,875	0,000	173,026	0,000	173,026	-603,794	-603,794	0,000
	5132	5	0,000	-8,145	-125,206	-125,206	0,000	191,391	0,000	191,391	-536,905	-536,905	0,000
Plate_1_11	5132	1	0,000	-8,145	-125,135	-125,135	0,000	193,260	0,000	193,260	-536,905	-536,905	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Element 12-35 (Plate)	5133	2	0,000	-8,459	-120,551	-120,551	0,000	196,374	0,000	196,374	-475,377	-475,377	0,000
(Paratia 800)	5134	3	0,000	-8,774	-116,230	-116,230	0,000	193,174	0,000	193,174	-413,896	-413,896	0,000
	5135	4	0,000	-9,089	-112,168	-112,168	0,000	184,528	0,000	184,528	-354,247	-354,247	0,000
	5256	5	0,000	-9,404	-108,360	-108,360	0,000	171,305	0,000	171,305	-298,133	-298,133	0,000
Plate_1_11	5256	1	0,000	-9,404	-108,348	-108,348	0,000	171,846	0,000	171,846	-298,133	-298,133	0,000
Element 12-36 (Plate)	5257	2	0,000	-9,677	-105,202	-105,202	0,000	159,126	0,000	159,126	-252,981	-252,981	0,000
(Paratia 800)	5258	3	0,000	-9,950	-102,208	-102,513	0,000	145,375	0,000	145,375	-211,425	-211,425	0,000
	5259	4	0,000	-10,223	-99,370	-100,174	0,000	130,670	-0,018	130,670	-173,747	-173,747	0,000
	5274	5	0,000	-10,495	-96,693	-97,912	0,000	115,087	-0,055	115,087	-140,222	-140,222	0,000
Plate_1_12	5274	1	0,000	-10,495	-96,679	-97,896	0,000	115,160	-0,058	115,160	-140,222	-140,222	0,000
Element 13-37 (Plate)	5275	2	0,000	-10,765	-92,607	-94,267	0,000	98,422	-0,022	98,422	-111,468	-111,468	0,000
(Paratia 800)	5276	3	0,000	-11,034	-88,683	-90,732	0,000	83,071	0,000	83,071	-87,036	-87,036	0,000
	5277	4	0,000	-11,304	-84,908	-87,291	1,447	69,217	0,000	69,217	-66,536	-66,535	0,000
	5298	5	0,000	-11,574	-81,279	-83,947	2,892	56,972	0,000	56,972	-49,570	-49,570	0,000
Plate_1_12	5298	1	0,000	-11,574	-81,266	-83,940	2,896	56,919	0,000	56,919	-49,570	-49,570	0,000
Element 13-38 (Plate)	5299	2	0,000	-11,854	-77,604	-80,537	4,290	45,935	0,000	45,935	-35,165	-35,165	0,000
(Paratia 800)	5300	3	0,000	-12,135	-74,057	-77,214	5,570	36,486	0,000	36,486	-23,621	-27,146	0,000
	5301	4	0,000	-12,416	-70,625	-73,973	6,737	28,523	0,000	28,523	-14,524	-24,346	0,000
	5412	5	0,000	-12,697	-67,312	-70,816	7,789	21,995	0,000	21,995	-7,463	-21,794	0,000
Plate_1_12	5412	1	0,000	-12,697	-67,305	-70,811	7,791	21,882	0,000	21,882	-7,463	-21,794	0,000
Element 13-39 (Plate)	5413	2	0,000	-12,990	-63,966	-67,601	8,768	16,313	0,000	16,313	-1,901	-19,373	0,000
(Paratia 800)	5414	3	0,000	-13,282	-60,728	-64,464	9,630	11,728	0,000	11,728	2,182	-17,172	2,182
	5415	4	0,000	-13,575	-57,592	-61,400	10,378	8,066	0,000	8,066	5,055	-15,170	5,055
	5616	5	0,000	-13,868	-54,560	-58,410	11,011	5,266	0,000	5,951	6,986	-13,347	6,986
Plate_1_12	5616	1	0,000	-13,868	-54,554	-58,405	11,013	5,180	0,000	5,944	6,986	-13,347	6,986
Element 13-40 (Plate)	5617	2	0,000	-14,173	-51,495	-55,360	11,557	2,927	-0,020	5,410	8,208	-11,617	8,208
(Paratia 800)	5618	3	0,000	-14,478	-48,523	-52,487	11,988	1,182	-0,040	4,923	8,824	-10,042	8,824
	5619	4	0,000	-14,783	-45,641	-49,812	12,306	-0,101	-0,101	4,478	8,976	-8,610	8,976
	5640	5	0,000	-15,088	-42,848	-47,189	12,511	-0,967	-0,967	4,072	8,804	-7,307	8,804

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_12	5640	1	0,000	-15,088	-42,842	-47,181	12,513	-1,019	-1,019	4,048	8,804	-7,307	8,804
Element 13-41 (Plate)	5641	2	0,000	-15,405	-40,016	-44,490	12,612	-1,637	-1,637	3,634	8,376	-6,085	8,376
(Paratia 800)	5642	3	0,000	-15,723	-37,261	-41,824	12,597	-2,052	-2,052	3,146	7,786	-5,006	7,786
	5643	4	0,000	-16,041	-34,577	-39,184	12,470	-2,296	-2,296	2,576	7,090	-4,095	7,090
	5664	5	0,000	-16,358	-31,964	-36,571	12,230	-2,395	-2,395	1,913	6,342	-3,379	6,342
Plate_1_12	5664	1	0,000	-16,358	-31,958	-36,563	12,232	-2,416	-2,416	1,951	6,342	-3,379	6,342
Element 13-42 (Plate)	5665	2	0,000	-16,689	-29,299	-33,854	11,866	-2,445	-2,445	1,357	5,535	-2,922	5,535
(Paratia 800)	5666	3	0,000	-17,021	-26,691	-31,142	11,386	-2,411	-2,411	0,873	4,731	-2,686	4,905
	5667	4	0,000	-17,352	-24,132	-28,428	10,791	-2,331	-2,331	0,640	3,944	-2,469	4,605
	6144	5	0,000	-17,683	-21,625	-25,711	10,082	-2,221	-2,221	0,623	3,190	-2,295	4,186
Plate_1_12	6144	1	0,000	-17,683	-21,618	-25,703	10,084	-2,233	-2,233	0,623	3,190	-2,295	4,186
Element 13-43 (Plate)	6145	2	0,000	-18,028	-19,051	-22,853	9,228	-2,132	-2,132	0,618	2,437	-2,193	3,629
(Paratia 800)	6146	3	0,000	-18,373	-16,514	-19,965	8,257	-2,034	-2,078	0,633	1,720	-2,203	2,963
	6147	4	0,000	-18,717	-14,005	-17,036	7,171	-1,958	-2,359	0,659	1,032	-2,212	2,196
	6734	5	0,000	-19,062	-11,523	-14,065	5,972	-1,924	-2,694	0,690	0,364	-2,188	1,333
Plate_1_12	6734	1	0,000	-19,062	-11,446	-14,007	5,981	-2,127	-2,127	0,840	0,364	-2,188	1,333
Element 13-44 (Plate)	6735	2	0,000	-19,422	-8,931	-10,903	4,607	-1,224	-2,741	0,692	-0,244	-2,137	0,354
(Paratia 800)	6736	3	0,000	-19,781	-6,236	-7,588	3,137	-0,240	-0,826	1,847	-0,504	-1,688	0,000
	6737	4	0,000	-20,141	-3,316	-4,019	1,584	0,724	0,000	2,828	-0,419	-0,885	0,000
	6738	5	0,000	-20,500	-0,127	-0,148	0,000	1,570	-0,608	1,570	0,000	0,000	0,000

3.1.1.1.11 Calculation results, Plate, Versante + SISMA [Phase_12] (11/41), Table of plate force envelopes

Structural element	Node [10^3]	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_1	2432	1	0,000	-0,500	0,000	0,000	0,051	-0,001	-0,386	0,000	0,000	0,000	0,000
Element 1-1 (Plate)	2433	2	0,000	-0,625	-0,342	-1,315	0,000	-1,396	-1,396	4,261	-0,079	-0,079	0,260
(Paratia 800)	2434	3	0,000	-0,750	-0,685	-2,698	0,000	-3,585	-3,585	7,428	-0,382	-0,382	1,003
	2435	4	0,000	-0,875	-1,028	-4,097	0,000	-6,567	-6,567	9,316	-1,008	-1,008	2,065
	2431	5	0,000	-1,000	-1,370	-5,515	0,000	-10,339	-10,339	10,104	-2,057	-2,057	3,288
Plate_1_2	2431	1	0,000	-1,000	-1,370	-5,519	0,000	-10,344	-10,344	10,329	-2,057	-2,057	3,288
Element 2-2 (Plate)	2190	2	0,000	-1,250	-2,055	-8,410	0,000	-21,136	-21,136	11,502	-5,924	-5,924	6,037
(Paratia 800)	2191	3	0,000	-1,500	-2,740	-11,386	0,000	-35,108	-35,108	11,686	-12,891	-12,891	8,956
	2192	4	0,000	-1,750	-3,425	-14,447	0,000	-52,248	-52,248	10,918	-23,746	-23,746	11,802
	2233	5	0,000	-2,000	-4,110	-17,594	0,000	-72,546	-72,546	9,234	-39,277	-39,277	14,339
Plate_1_3	2233	1	0,000	-2,000	-4,110	-17,598	0,000	-72,553	-72,553	9,251	-39,277	-39,277	14,339
Element 3-3 (Plate)	2234	2	0,000	-2,125	-4,452	-19,211	0,000	-84,001	-84,001	8,103	-49,050	-49,050	15,425
(Paratia 800)	2235	3	0,000	-2,250	-4,795	-20,852	0,000	-96,249	-96,249	6,749	-60,311	-60,311	16,356
	2236	4	0,000	-2,375	-5,138	-22,520	0,000	-109,289	-109,289	5,190	-73,151	-73,151	17,104
	2407	5	0,000	-2,500	-5,480	-24,215	0,000	-123,112	-123,112	3,427	-87,665	-87,665	17,645
Plate_1_4	2407	1	0,000	-2,500	-5,480	-24,216	0,000	-123,119	-123,119	3,428	-87,665	-87,665	17,645
Element 4-4 (Plate)	2408	2	0,000	-2,650	-5,891	-26,288	0,000	-140,299	-140,299	1,047	-107,414	-107,414	17,984
(Paratia 800)	2409	3	0,000	-2,800	-6,302	-28,404	0,000	-157,725	-157,725	0,045	-129,770	-129,770	17,945
	2410	4	0,000	-2,950	-6,713	-30,563	0,000	-175,385	-175,385	0,022	-154,756	-154,756	17,483
	2498	5	0,000	-3,100	-7,124	-32,766	0,000	-193,268	-193,268	0,000	-182,398	-182,398	16,557
Plate_1_4	2498	1	0,000	-3,100	-7,124	-32,767	0,000	-193,275	-193,275	0,000	-182,398	-182,398	16,557
Element 4-5 (Plate)	2499	2	0,000	-3,200	-7,398	-34,260	0,000	-205,325	-205,325	0,000	-202,321	-202,321	15,661
(Paratia 800)	2500	3	0,000	-3,300	-7,672	-35,776	0,000	-217,488	-217,488	0,000	-223,464	-223,464	14,525
	2501	4	0,000	-3,400	-7,946	-37,311	0,000	-229,755	-229,755	0,000	-245,829	-245,829	13,139
	2652	5	0,000	-3,500	-8,220	-38,867	0,000	-242,117	-242,117	0,000	-269,415	-269,415	11,491
Plate_1_5	2652	1	0,000	-3,500	-8,220	-38,868	0,000	-242,122	-242,122	0,000	-269,415	-269,415	11,491

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
Element 5-6 (Plate)	2653	2	0,000	-3,583	-8,448	-40,180	0,000	-252,183	-252,183	0,000	-290,004	-290,004	9,907
(Paratia 800)	2654	3	0,000	-3,667	-8,677	-41,508	0,000	-262,274	-262,274	0,000	-311,442	-311,442	8,124
	2655	4	0,000	-3,750	-8,905	-42,850	0,000	-272,388	-272,388	0,000	-333,722	-333,722	6,135
	2670	5	0,000	-3,833	-9,133	-44,207	0,000	-282,519	-282,519	0,000	-356,835	-356,835	3,934
Plate_1_6	2670	1	0,000	-3,833	-139,452	-139,452	0,000	-56,411	-61,849	17,578	-356,835	-356,835	3,934
Element 6-7 (Plate)	2671	2	0,000	-3,925	-139,703	-139,703	0,000	-67,935	-71,739	14,508	-362,533	-362,533	4,690
(Paratia 800)	2672	3	0,000	-4,017	-139,954	-139,954	0,000	-79,483	-81,682	11,340	-369,292	-369,292	5,170
	2673	4	0,000	-4,108	-140,206	-140,206	0,000	-91,048	-91,994	8,075	-377,111	-377,111	5,366
	2718	5	0,000	-4,200	-140,457	-140,457	0,000	-102,622	-102,777	4,715	-385,986	-385,986	5,269
Plate_1_7	2718	1	0,000	-4,200	-140,457	-140,457	0,000	-102,628	-102,782	4,715	-385,986	-385,986	5,269
Element 7-8 (Plate)	2719	2	0,000	-4,275	-140,662	-140,662	0,000	-112,384	-112,384	1,896	-394,047	-394,047	4,967
(Paratia 800)	2720	3	0,000	-4,350	-140,868	-140,868	0,000	-122,167	-122,167	0,000	-402,845	-402,845	4,464
	2721	4	0,000	-4,425	-141,073	-141,073	0,000	-131,970	-131,970	0,000	-412,377	-412,377	3,754
	2796	5	0,000	-4,500	-141,279	-141,279	0,000	-141,785	-141,785	0,000	-422,640	-422,640	2,833
Plate_1_8	2796	1	0,000	-4,500	-141,279	-141,279	0,000	-141,791	-141,791	0,000	-422,640	-422,640	2,833
Element 8-9 (Plate)	2797	2	0,000	-4,604	-141,564	-141,564	0,000	-155,097	-155,097	0,000	-438,101	-438,101	1,280
(Paratia 800)	2798	3	0,000	-4,708	-141,850	-141,850	0,000	-168,531	-168,531	0,000	-454,962	-454,962	0,000
	2799	4	0,000	-4,813	-142,135	-142,135	0,000	-182,083	-182,083	0,000	-473,229	-473,229	0,000
	3262	5	0,000	-4,917	-142,420	-142,420	0,000	-195,743	-195,743	0,000	-492,906	-492,906	0,000
Plate_1_8	3262	1	0,000	-4,917	-142,421	-142,421	0,000	-195,749	-195,749	0,000	-492,906	-492,906	0,000
Element 8-10 (Plate)	3263	2	0,000	-4,998	-142,643	-142,643	0,000	-206,486	-206,486	0,000	-509,243	-509,243	0,000
(Paratia 800)	3264	3	0,000	-5,079	-142,866	-142,866	0,000	-217,302	-217,302	0,000	-526,465	-526,465	0,000
	3265	4	0,000	-5,161	-143,088	-143,088	0,000	-228,191	-228,191	0,000	-544,568	-544,568	0,000
	3612	5	0,000	-5,242	-143,311	-143,311	0,000	-239,143	-239,143	0,000	-563,550	-563,550	0,000
Plate_1_8	3612	1	0,000	-5,242	-143,311	-143,311	0,000	-239,148	-239,148	0,000	-563,550	-563,550	0,000
Element 8-11 (Plate)	3613	2	0,000	-5,305	-143,485	-143,485	0,000	-247,740	-247,740	0,000	-578,975	-578,975	0,000
(Paratia 800)	3614	3	0,000	-5,369	-143,658	-143,658	0,000	-256,382	-256,382	0,000	-594,953	-594,953	0,000
	3615	4	0,000	-5,432	-143,832	-143,832	0,000	-265,068	-265,068	0,000	-611,480	-611,480	0,000
	4350	5	0,000	-5,495	-144,006	-144,006	0,000	-273,791	-273,791	0,000	-628,551	-628,551	0,000

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
Plate_1_9	4350	1	0,000	-5,495	-144,003	-144,003	0,000	-273,794	-273,794	0,000	-628,551	-628,551	0,000
Element 9-12 (Plate)	4351	2	0,000	-5,496	-144,061	-144,061	0,000	-273,653	-273,653	0,000	-628,875	-628,875	0,000
(Paratia 800)	4352	3	0,000	-5,498	-144,119	-144,119	0,000	-273,489	-273,489	0,000	-629,199	-629,199	0,000
	4353	4	0,000	-5,499	-144,176	-144,176	0,000	-273,300	-273,300	0,000	-629,523	-629,523	0,000
	4369	5	0,000	-5,500	-144,233	-144,233	0,000	-273,087	-273,087	0,000	-629,846	-629,846	0,000
Plate_1_10	4369	1	0,000	-5,500	-144,282	-144,282	0,000	-273,864	-273,864	0,000	-629,846	-629,846	0,000
Element 10-13 (Plate)	4370	2	0,000	-5,550	-146,430	-146,430	0,000	-253,536	-253,536	0,000	-642,907	-642,907	0,000
(Paratia 800)	4371	3	0,000	-5,599	-148,436	-148,436	0,000	-235,706	-235,706	0,000	-655,030	-655,030	0,000
	4372	4	0,000	-5,649	-150,311	-150,311	0,000	-220,159	-220,159	0,000	-666,325	-666,325	0,000
	4373	5	0,000	-5,698	-152,063	-152,063	0,000	-206,680	-206,680	0,000	-676,896	-676,896	0,000
Plate_1_10	4373	1	0,000	-5,698	-152,268	-152,268	0,000	-205,183	-205,183	0,000	-676,896	-676,896	0,000
Element 10-14 (Plate)	4337	2	0,000	-5,946	-159,820	-159,820	0,000	-149,134	-149,134	0,000	-720,584	-720,584	0,000
(Paratia 800)	4338	3	0,000	-6,194	-166,508	-166,508	0,000	-103,039	-103,039	0,053	-751,673	-751,673	0,000
	4339	4	0,000	-6,442	-172,379	-172,379	0,000	-66,025	-66,025	3,793	-772,436	-772,436	0,000
	4554	5	0,000	-6,690	-177,477	-177,477	0,000	-37,217	-67,970	10,370	-785,079	-785,079	0,000
Plate_2_1	9145	1	4,500	-6,690	14,977	0,000	14,977	-199,800	-205,078	0,000	-6,215	-6,215	12,570
Element 11-15 (Plate)	9148	2	4,570	-6,690	14,116	0,000	14,453	-196,682	-201,374	0,000	-20,044	-20,044	0,000
(PLINTO)	9147	3	4,640	-6,690	13,643	0,000	14,469	-193,400	-197,762	0,000	-33,654	-33,654	0,000
	9146	4	4,709	-6,690	13,351	0,000	14,481	-190,043	-194,209	0,000	-47,033	-47,033	0,000
	9835	5	4,779	-6,690	13,032	0,000	14,467	-186,698	-190,699	0,000	-60,171	-60,171	0,000
Plate_2_1	9835	1	4,779	-6,690	13,080	0,000	14,478	-186,685	-190,699	0,000	-60,171	-60,171	0,000
Element 11-16 (Plate)	9831	2	4,852	-6,690	12,862	0,000	14,477	-183,166	-187,052	0,000	-73,599	-73,599	0,000
(PLINTO)	9830	3	4,924	-6,690	12,676	0,000	14,476	-179,632	-183,407	0,000	-86,776	-86,776	0,000
	9829	4	4,997	-6,690	12,514	0,000	14,476	-176,087	-179,764	0,000	-99,697	-99,697	0,000
	9855	5	5,070	-6,690	12,369	0,000	14,476	-172,535	-176,126	0,000	-112,353	-112,353	0,000
Plate_2_1	9855	1	5,070	-6,690	12,369	0,000	14,474	-172,536	-176,124	0,000	-112,353	-112,353	0,000
Element 11-17 (Plate)	9815	2	5,145	-6,690	12,237	0,000	14,474	-168,832	-172,338	0,000	-125,255	-125,255	0,000
(PLINTO)	9814	3	5,221	-6,690	12,117	0,000	14,474	-165,119	-168,550	0,000	-137,882	-137,882	0,000
	9813	4	5,296	-6,690	12,008	0,000	14,474	-161,401	-164,764	0,000	-150,229	-150,229	0,000

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
	9819	5	5,372	-6,690	11,909	0,000	14,472	-157,682	-160,980	0,000	-162,288	-162,288	0,000
Plate_2_1	9819	1	5,372	-6,690	11,907	0,000	14,472	-157,679	-160,978	0,000	-162,288	-162,288	0,000
Element 11-18 (Plate)	9822	2	5,451	-6,690	11,813	0,000	14,473	-153,802	-157,040	0,000	-174,544	-174,544	0,000
(PLINTO)	9821	3	5,529	-6,690	11,726	0,000	14,473	-149,918	-153,100	0,000	-186,499	-186,499	0,000
	9820	4	5,608	-6,690	11,646	0,000	14,473	-146,030	-149,160	0,000	-198,149	-198,149	0,000
	10515	5	5,687	-6,690	11,572	0,000	14,473	-142,142	-145,223	0,000	-209,487	-209,487	0,000
Plate_2_1	10515	1	5,687	-6,690	11,571	0,000	14,472	-142,138	-145,221	0,000	-209,487	-209,487	0,000
Element 11-19 (Plate)	10511	2	5,769	-6,690	11,500	0,000	14,473	-138,087	-141,123	0,000	-220,965	-220,965	0,000
(PLINTO)	10510	3	5,851	-6,690	11,435	0,000	14,474	-134,030	-137,022	0,000	-232,116	-232,116	0,000
	10509	4	5,933	-6,690	11,375	0,000	14,475	-129,969	-132,921	0,000	-242,934	-242,934	0,000
	10611	5	6,015	-6,690	11,318	0,000	14,475	-125,909	-128,823	0,000	-253,415	-253,415	0,000
Plate_2_1	10611	1	6,015	-6,690	11,316	0,000	14,473	-125,905	-128,821	0,000	-253,415	-253,415	0,000
Element 11-20 (Plate)	10607	2	6,100	-6,690	11,262	0,000	14,474	-121,676	-124,556	0,000	-263,972	-263,972	0,000
(PLINTO)	10606	3	6,185	-6,690	11,213	0,000	14,475	-117,441	-120,287	0,000	-274,172	-274,172	0,000
	10605	4	6,270	-6,690	11,168	0,000	14,476	-113,204	-116,018	0,000	-284,012	-284,012	0,000
	11095	5	6,356	-6,690	11,127	0,000	14,477	-108,970	-111,752	0,000	-293,485	-293,485	0,000
Plate_2_1	11095	1	6,356	-6,690	11,129	0,000	14,479	-108,968	-111,750	0,000	-293,485	-293,485	0,000
Element 11-21 (Plate)	11098	2	6,445	-6,690	11,092	0,000	14,480	-104,563	-107,309	0,000	-302,964	-302,964	0,000
(PLINTO)	11097	3	6,533	-6,690	11,060	0,000	14,481	-100,154	-102,866	0,000	-312,055	-312,055	0,000
	11096	4	6,622	-6,690	11,032	0,000	14,483	-95,745	-98,422	0,000	-320,755	-320,755	0,000
	11311	5	6,711	-6,690	11,007	0,000	14,484	-91,339	-93,981	0,000	-329,060	-329,060	0,000
Plate_2_1	11311	1	6,711	-6,690	11,007	0,000	14,484	-91,337	-93,978	0,000	-329,060	-329,060	0,000
Element 11-22 (Plate)	11315	2	6,803	-6,690	10,985	0,000	14,485	-86,751	-89,355	0,000	-337,289	-337,481	0,000
(PLINTO)	11316	3	6,896	-6,690	10,967	0,000	14,487	-82,161	-84,729	0,000	-345,098	-345,529	0,000
	11317	4	6,988	-6,690	10,952	0,000	14,489	-77,570	-80,102	0,000	-352,483	-353,150	0,000
	11743	5	7,081	-6,690	10,940	0,000	14,491	-72,983	-75,479	0,000	-359,440	-360,339	0,000
Plate_2_1	11743	1	7,081	-6,690	10,940	0,000	14,490	-72,981	-75,477	0,000	-359,440	-360,339	0,000
Element 11-23 (Plate)	11746	2	7,177	-6,690	10,930	0,000	14,493	-68,205	-70,664	0,000	-366,232	-367,369	0,000
(PLINTO)	11745	3	7,273	-6,690	10,923	0,000	14,495	-63,426	-65,847	0,000	-372,567	-373,939	0,000

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
	11744	4	7,369	-6,690	10,919	0,000	14,497	-58,647	-61,030	0,000	-378,443	-380,046	0,000
	12307	5	7,466	-6,690	10,917	0,000	14,499	-53,871	-56,217	0,000	-383,856	-385,686	0,000
Plate_2_1	12307	1	7,466	-6,690	10,917	0,000	14,499	-53,868	-56,215	0,000	-383,856	-385,686	0,000
Element 11-24 (Plate)	12303	2	7,566	-6,690	10,917	0,000	14,502	-48,896	-51,204	0,000	-389,002	-391,066	0,000
(PLINTO)	12302	3	7,666	-6,690	10,920	0,000	14,505	-43,920	-46,189	0,000	-393,652	-395,946	0,000
	12301	4	7,766	-6,690	10,925	0,000	14,507	-38,944	-41,174	0,000	-397,804	-400,323	0,000
	12581	5	7,866	-6,690	10,931	0,000	14,509	-33,972	-36,163	0,000	-401,456	-404,196	0,000
Plate_2_1	12581	1	7,866	-6,690	10,931	0,000	14,510	-33,969	-36,160	0,000	-401,456	-404,196	0,000
Element 11-25 (Plate)	12584	2	7,971	-6,690	10,939	0,000	14,511	-28,792	-30,943	0,000	-404,728	-407,694	0,000
(PLINTO)	12583	3	8,075	-6,690	10,949	0,000	14,513	-23,612	-25,722	0,000	-407,461	-410,650	0,000
	12582	4	8,179	-6,690	10,961	0,000	14,515	-18,431	-20,500	0,000	-409,654	-413,061	0,000
	12597	5	8,284	-6,690	10,977	0,000	14,519	-13,254	-15,283	0,000	-411,306	-414,926	0,000
Plate_2_1	12597	1	8,284	-6,690	10,977	0,000	14,520	-13,251	-15,280	0,000	-411,306	-414,926	0,000
Element 11-26 (Plate)	12601	2	8,392	-6,690	10,995	-0,071	14,523	-7,862	-9,848	0,000	-412,452	-416,290	0,000
(PLINTO)	12602	3	8,501	-6,690	11,014	-0,143	14,527	-2,469	-4,413	1,089	-413,013	-417,064	0,000
	12603	4	8,609	-6,690	11,035	-0,214	14,530	2,924	0,000	5,537	-412,989	-417,249	0,000
	12973	5	8,718	-6,690	11,056	-0,285	14,533	8,314	0,000	10,796	-412,378	-416,843	0,000
Plate_2_1	12973	1	8,718	-6,690	11,057	-0,285	14,534	8,316	0,000	10,798	-412,378	-416,843	0,000
Element 11-27 (Plate)	12976	2	8,831	-6,690	11,081	-0,358	14,537	13,926	0,000	16,385	-411,122	-415,793	0,000
(PLINTO)	12975	3	8,944	-6,690	11,107	-0,431	14,541	19,541	0,000	21,973	-409,230	-414,104	0,000
	12974	4	9,057	-6,690	11,135	-0,503	14,545	25,154	0,000	27,558	-406,704	-411,775	0,000
	13181	5	9,170	-6,690	11,165	-0,573	14,549	30,764	0,000	33,136	-403,544	-408,807	0,000
Plate_2_1	13181	1	9,170	-6,690	11,164	-0,573	14,549	30,767	0,000	33,139	-403,544	-408,807	0,000
Element 11-28 (Plate)	13185	2	9,288	-6,690	11,197	-0,646	14,553	36,607	0,000	38,945	-399,581	-405,039	0,000
(PLINTO)	13186	3	9,405	-6,690	11,230	-0,718	14,558	42,450	0,000	44,754	-394,929	-400,575	0,000
	13187	4	9,523	-6,690	11,266	-0,788	14,563	48,293	0,000	50,561	-389,589	-395,419	0,000
	13203	5	9,641	-6,690	11,303	-0,857	14,568	54,132	0,000	56,363	-383,564	-389,571	0,000
Plate_2_1	13203	1	9,641	-6,690	11,302	-0,857	14,567	54,135	0,000	56,366	-383,564	-389,571	0,000
Element 11-29 (Plate)	13207	2	9,763	-6,690	11,342	-0,927	14,573	60,212	0,000	62,406	-376,563	-382,748	0,000

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
(PLINTO)	13208	3	9,886	-6,690	11,384	-0,996	14,579	66,293	0,000	68,450	-368,813	-375,169	0,000
	13209	4	10,008	-6,690	11,427	-1,062	14,584	72,373	0,000	74,494	-360,318	-366,840	0,000
	13761	5	10,131	-6,690	11,472	-1,126	14,590	78,448	0,000	80,535	-351,083	-357,763	0,000
Plate_2_1	13761	1	10,131	-6,690	11,472	-1,126	14,590	78,451	0,000	80,538	-351,083	-357,763	0,000
Element 11-30 (Plate)	13762	2	10,258	-6,690	11,520	-1,190	14,597	84,774	0,000	86,842	-340,678	-347,517	0,000
(PLINTO)	13763	3	10,386	-6,690	11,571	-1,250	14,604	91,100	0,000	93,231	-329,461	-336,451	0,000
	13764	4	10,513	-6,690	11,623	-1,306	14,611	97,423	0,000	99,620	-317,439	-324,572	0,000
	14211	5	10,641	-6,690	11,677	-1,358	14,618	103,740	0,000	106,004	-304,615	-311,884	0,000
Plate_2_1	14211	1	10,641	-6,690	11,676	-1,357	14,617	103,744	0,000	106,008	-304,615	-311,884	0,000
Element 11-31 (Plate)	14215	2	10,773	-6,690	11,734	-1,405	14,625	110,317	0,000	112,654	-290,410	-297,812	0,000
(PLINTO)	14216	3	10,906	-6,690	11,794	-1,445	14,632	116,892	0,000	119,304	-275,325	-282,851	0,000
	14217	4	11,039	-6,690	11,856	-1,475	14,639	123,464	0,000	125,954	-259,368	-267,009	0,000
	14683	5	11,172	-6,690	11,920	-1,494	14,645	130,026	0,000	132,598	-242,546	-250,293	0,000
Plate_2_1	14683	1	11,172	-6,690	11,916	-1,497	14,641	130,030	0,000	132,602	-242,546	-250,293	0,000
Element 11-32 (Plate)	14687	2	11,310	-6,690	11,985	-1,496	14,646	136,857	0,000	139,519	-224,109	-231,957	0,000
(PLINTO)	14688	3	11,448	-6,690	12,057	-1,478	14,651	143,683	0,000	146,439	-204,719	-212,657	0,000
	14689	4	11,586	-6,690	12,132	-1,434	14,654	150,502	0,000	153,358	-184,387	-192,403	0,000
	14965	5	11,725	-6,690	12,211	-1,352	14,655	157,308	0,000	160,270	-163,122	-171,205	0,000
Plate_2_1	14965	1	11,725	-6,690	12,212	-1,360	14,655	157,317	0,000	160,274	-163,122	-171,205	0,000
Element 11-33 (Plate)	14971	2	11,868	-6,690	12,306	-1,194	14,658	164,386	0,000	167,467	-139,986	-148,126	0,000
(PLINTO)	14970	3	12,012	-6,690	12,411	-0,940	14,658	171,454	0,000	174,663	-115,821	-124,004	0,000
	14969	4	12,156	-6,690	12,541	-0,485	14,660	178,485	0,000	181,854	-90,643	-98,849	0,000
	15443	5	12,300	-6,690	12,709	0,000	14,669	185,439	0,000	189,032	-64,469	-72,677	0,287
Plate_1_11	4554	1	0,000	-6,690	-177,130	-177,130	0,000	-31,962	-62,324	10,550	-785,079	-785,079	0,000
Element 12-34 (Plate)	4555	2	0,000	-7,054	-168,694	-168,694	0,000	63,978	-25,521	67,692	-778,451	-778,451	0,000
(Paratia 800)	4556	3	0,000	-7,417	-161,057	-161,057	0,000	134,855	-1,247	134,890	-741,614	-741,614	0,000
	4557	4	0,000	-7,781	-154,141	-154,141	0,000	182,384	0,000	182,384	-683,181	-683,181	0,000
	5132	5	0,000	-8,145	-147,870	-147,870	0,000	208,279	0,000	208,279	-611,565	-611,565	0,000
Plate_1_11	5132	1	0,000	-8,145	-147,805	-147,805	0,000	209,652	0,000	209,652	-611,565	-611,565	0,000

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
Element 12-35 (Plate)	5133	2	0,000	-8,459	-142,736	-142,736	0,000	216,433	0,000	216,433	-544,251	-544,251	0,000
(Paratia 800)	5134	3	0,000	-8,774	-137,944	-137,944	0,000	215,301	0,000	215,301	-476,092	-476,092	0,000
	5135	4	0,000	-9,089	-133,424	-133,424	0,000	207,294	0,000	207,294	-409,332	-409,332	0,000
	5256	5	0,000	-9,404	-129,170	-129,170	0,000	193,453	0,000	193,453	-346,118	-346,118	0,000
Plate_1_11	5256	1	0,000	-9,404	-129,156	-129,156	0,000	194,161	0,000	194,161	-346,118	-346,118	0,000
Element 12-36 (Plate)	5257	2	0,000	-9,677	-125,626	-125,626	0,000	180,472	0,000	180,472	-295,007	-295,007	0,000
(Paratia 800)	5258	3	0,000	-9,950	-122,251	-122,251	0,000	165,504	0,000	165,504	-247,790	-247,790	0,000
	5259	4	0,000	-10,223	-119,037	-119,037	0,000	149,370	-0,018	149,370	-204,809	-204,809	0,000
	5274	5	0,000	-10,495	-115,990	-115,990	0,000	132,182	-0,055	132,182	-166,401	-166,401	0,000
Plate_1_12	5274	1	0,000	-10,495	-115,976	-115,976	0,000	132,298	-0,058	132,298	-166,401	-166,401	0,000
Element 13-37 (Plate)	5275	2	0,000	-10,765	-111,371	-111,371	0,000	113,743	-0,022	113,743	-133,273	-133,273	0,000
(Paratia 800)	5276	3	0,000	-11,034	-106,924	-106,924	0,000	96,593	0,000	96,593	-104,953	-104,953	0,000
	5277	4	0,000	-11,304	-102,635	-102,635	1,447	80,982	0,000	80,982	-81,044	-81,044	0,000
	5298	5	0,000	-11,574	-98,500	-98,500	2,892	67,046	0,000	67,046	-61,137	-61,137	0,000
Plate_1_12	5298	1	0,000	-11,574	-98,486	-98,486	2,896	67,008	0,000	67,008	-61,137	-61,137	0,000
Element 13-38 (Plate)	5299	2	0,000	-11,854	-94,303	-94,303	4,290	54,418	0,000	54,418	-44,128	-44,128	0,000
(Paratia 800)	5300	3	0,000	-12,135	-90,239	-90,239	5,570	43,527	0,000	43,527	-30,408	-30,408	0,000
	5301	4	0,000	-12,416	-86,295	-86,295	6,737	34,285	0,000	34,285	-19,516	-24,346	0,000
	5412	5	0,000	-12,697	-82,474	-82,474	7,789	26,643	0,000	26,643	-10,998	-21,794	0,000
Plate_1_12	5412	1	0,000	-12,697	-82,467	-82,467	7,791	26,523	0,000	26,523	-10,998	-21,794	0,000
Element 13-39 (Plate)	5413	2	0,000	-12,990	-78,601	-78,601	8,768	19,966	0,000	19,966	-4,226	-19,373	0,000
(Paratia 800)	5414	3	0,000	-13,282	-74,837	-74,837	9,630	14,538	0,000	14,538	0,799	-17,172	2,182
	5415	4	0,000	-13,575	-71,178	-71,178	10,378	10,175	0,000	10,175	4,390	-15,170	5,055
	5616	5	0,000	-13,868	-67,624	-67,624	11,011	6,810	0,000	6,810	6,852	-13,347	6,986
Plate_1_12	5616	1	0,000	-13,868	-67,617	-67,617	11,013	6,714	0,000	6,714	6,852	-13,347	6,986
Element 13-40 (Plate)	5617	2	0,000	-14,173	-64,013	-64,013	11,557	3,988	-0,020	5,410	8,466	-11,617	8,466
(Paratia 800)	5618	3	0,000	-14,478	-60,497	-60,497	11,988	1,861	-0,040	4,923	9,345	-10,042	9,345
	5619	4	0,000	-14,783	-57,068	-57,068	12,306	0,283	-0,101	4,478	9,658	-8,610	9,658
	5640	5	0,000	-15,088	-53,728	-53,728	12,511	-0,797	-0,967	4,072	9,568	-7,307	9,568

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_12	5640	1	0,000	-15,088	-53,721	-53,721	12,513	-0,857	-1,019	4,048	9,568	-7,307	9,568
Element 13-41 (Plate)	5641	2	0,000	-15,405	-50,322	-50,322	12,612	-1,637	-1,640	3,634	9,164	-6,085	9,164
(Paratia 800)	5642	3	0,000	-15,723	-46,990	-46,990	12,597	-2,170	-2,170	3,146	8,554	-5,006	8,554
	5643	4	0,000	-16,041	-43,725	-43,725	12,470	-2,490	-2,490	2,576	7,808	-4,095	7,808
	5664	5	0,000	-16,358	-40,528	-40,528	12,230	-2,628	-2,628	1,913	6,991	-3,379	6,991
Plate_1_12	5664	1	0,000	-16,358	-40,521	-40,521	12,232	-2,652	-2,652	1,951	6,991	-3,379	6,991
Element 13-42 (Plate)	5665	2	0,000	-16,689	-37,248	-37,248	11,866	-2,697	-2,697	1,357	6,103	-2,922	6,103
(Paratia 800)	5666	3	0,000	-17,021	-34,017	-34,017	11,386	-2,663	-2,663	0,873	5,214	-2,686	5,214
	5667	4	0,000	-17,352	-30,830	-30,830	10,791	-2,571	-2,571	0,640	4,346	-2,469	4,605
	6144	5	0,000	-17,683	-27,688	-27,688	10,082	-2,441	-2,441	0,623	3,516	-2,295	4,186
Plate_1_12	6144	1	0,000	-17,683	-27,679	-27,679	10,084	-2,440	-2,440	0,623	3,516	-2,295	4,186
Element 13-43 (Plate)	6145	2	0,000	-18,028	-24,447	-24,447	9,228	-2,401	-2,401	0,618	2,679	-2,193	3,629
(Paratia 800)	6146	3	0,000	-18,373	-21,230	-21,230	8,257	-2,307	-2,307	0,633	1,866	-2,203	2,963
	6147	4	0,000	-18,717	-18,025	-18,025	7,171	-2,174	-2,359	0,659	1,091	-2,212	2,196
	6734	5	0,000	-19,062	-14,830	-14,830	5,972	-2,015	-2,694	0,690	0,369	-2,188	1,333
Plate_1_12	6734	1	0,000	-19,062	-14,749	-14,749	5,981	-2,260	-2,260	0,840	0,369	-2,188	1,333
Element 13-44 (Plate)	6735	2	0,000	-19,422	-11,469	-11,469	4,607	-1,284	-2,741	0,692	-0,277	-2,137	0,354
(Paratia 800)	6736	3	0,000	-19,781	-7,971	-7,971	3,137	-0,197	-0,826	1,847	-0,536	-1,688	0,000
	6737	4	0,000	-20,141	-4,207	-4,207	1,584	0,801	0,000	2,828	-0,430	-0,885	0,000
	6738	5	0,000	-20,500	-0,133	-0,148	0,000	1,507	-0,608	1,570	0,000	0,000	0,000

3.1.1.1.12 Calculation results, Plate, SISMA- [Phase_11] (9/256), Table of plate force envelopes

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_1	2432	1	0,000	-0,500	0,048	0,000	0,051	-0,226	-0,386	0,000	0,000	0,000	0,000
Element 1-1 (Plate)	2433	2	0,000	-0,625	-1,405	-1,422	0,000	2,669	-0,132	4,261	0,179	-0,013	0,260
(Paratia 800)	2434	3	0,000	-0,750	-2,883	-2,913	0,000	3,331	-0,171	7,428	0,572	-0,032	1,003
	2435	4	0,000	-0,875	-4,388	-4,427	0,000	2,063	-0,187	9,316	0,932	-0,055	2,065
	2431	5	0,000	-1,000	-5,921	-5,963	0,000	-0,835	-0,835	10,104	1,022	-0,078	3,288
Plate_1_2	2431	1	0,000	-1,000	-5,929	-5,970	0,000	-0,545	-0,545	10,329	1,022	-0,078	3,288
Element 2-2 (Plate)	2190	2	0,000	-1,250	-9,090	-9,124	0,000	-7,061	-7,061	11,502	0,102	-0,114	6,037
(Paratia 800)	2191	3	0,000	-1,500	-12,396	-12,418	0,000	-14,946	-14,946	11,686	-2,624	-2,624	8,956
	2192	4	0,000	-1,750	-15,848	-15,859	0,000	-24,140	-24,140	10,918	-7,482	-7,482	11,802
	2233	5	0,000	-2,000	-19,447	-19,450	0,000	-34,581	-34,581	9,234	-14,796	-14,796	14,339
Plate_1_3	2233	1	0,000	-2,000	-19,453	-19,456	0,000	-34,549	-34,549	9,251	-14,796	-14,796	14,339
Element 3-3 (Plate)	2234	2	0,000	-2,125	-21,319	-21,319	0,000	-40,167	-40,167	8,103	-19,462	-19,462	15,425
(Paratia 800)	2235	3	0,000	-2,250	-23,229	-23,229	0,000	-46,044	-46,044	6,749	-24,849	-24,849	16,356
	2236	4	0,000	-2,375	-25,183	-25,183	0,000	-52,174	-52,174	5,190	-30,986	-30,986	17,104
	2407	5	0,000	-2,500	-27,180	-27,180	0,000	-58,549	-58,549	3,427	-37,903	-37,903	17,645
Plate_1_4	2407	1	0,000	-2,500	-27,181	-27,181	0,000	-58,543	-58,543	3,428	-37,903	-37,903	17,645
Element 4-4 (Plate)	2408	2	0,000	-2,650	-29,637	-29,637	0,000	-66,502	-66,502	1,047	-47,275	-47,275	17,984
(Paratia 800)	2409	3	0,000	-2,800	-32,159	-32,159	0,000	-74,775	-74,775	0,045	-57,870	-57,870	17,945
	2410	4	0,000	-2,950	-34,746	-34,746	0,000	-83,353	-83,353	0,022	-69,729	-69,729	17,483
	2498	5	0,000	-3,100	-37,397	-37,397	0,000	-92,223	-92,223	0,000	-82,891	-82,891	16,557
Plate_1_4	2498	1	0,000	-3,100	-37,398	-37,398	0,000	-92,221	-92,221	0,000	-82,891	-82,891	16,557
Element 4-5 (Plate)	2499	2	0,000	-3,200	-39,201	-39,201	0,000	-98,282	-98,282	0,000	-92,413	-92,413	15,661
(Paratia 800)	2500	3	0,000	-3,300	-41,034	-41,034	0,000	-104,460	-104,460	0,000	-102,551	-102,551	14,525
	2501	4	0,000	-3,400	-42,895	-42,895	0,000	-110,748	-110,748	0,000	-113,312	-113,312	13,139
	2652	5	0,000	-3,500	-44,782	-44,782	0,000	-117,141	-117,141	0,000	-124,702	-124,702	11,491
Plate_1_5	2652	1	0,000	-3,500	-44,783	-44,783	0,000	-117,141	-117,141	0,000	-124,702	-124,702	11,491

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Element 5-6 (Plate)	2653	2	0,000	-3,583	-46,377	-46,377	0,000	-122,543	-122,543	0,000	-134,685	-134,685	9,907
(Paratia 800)	2654	3	0,000	-3,667	-47,990	-47,990	0,000	-128,013	-128,013	0,000	-145,126	-145,126	8,124
	2655	4	0,000	-3,750	-49,623	-49,623	0,000	-133,545	-133,545	0,000	-156,025	-156,025	6,135
	2670	5	0,000	-3,833	-51,272	-51,272	0,000	-139,135	-139,135	0,000	-167,382	-167,382	3,934
Plate_1_6	2670	1	0,000	-3,833	-170,207	-170,207	0,000	67,223	-37,352	67,223	-167,382	-167,382	3,934
Element 6-7 (Plate)	2671	2	0,000	-3,925	-172,042	-172,042	0,000	61,015	-40,623	61,015	-161,505	-161,505	4,690
(Paratia 800)	2672	3	0,000	-4,017	-173,899	-173,899	0,000	54,753	-44,006	54,753	-156,197	-156,197	5,170
	2673	4	0,000	-4,108	-175,776	-175,776	0,000	48,445	-47,500	48,445	-151,465	-151,465	5,366
	2718	5	0,000	-4,200	-177,671	-177,671	0,000	42,095	-51,131	42,095	-147,316	-147,316	5,269
Plate_1_7	2718	1	0,000	-4,200	-177,671	-177,671	0,000	42,096	-50,913	42,096	-147,316	-147,316	5,269
Element 7-8 (Plate)	2719	2	0,000	-4,275	-179,235	-179,235	0,000	36,874	-49,790	36,874	-144,355	-144,355	4,967
(Paratia 800)	2720	3	0,000	-4,350	-180,812	-180,812	0,000	31,631	-48,941	31,631	-141,785	-141,785	4,464
	2721	4	0,000	-4,425	-182,399	-182,399	0,000	26,372	-48,272	26,372	-139,609	-139,609	3,754
	2796	5	0,000	-4,500	-183,995	-183,995	0,000	21,101	-47,754	21,101	-137,829	-137,829	2,833
Plate_1_8	2796	1	0,000	-4,500	-183,994	-183,994	0,000	21,106	-47,753	21,106	-137,829	-137,829	2,833
Element 8-9 (Plate)	2797	2	0,000	-4,604	-186,228	-186,228	0,000	13,767	-47,069	13,767	-136,013	-136,013	1,280
(Paratia 800)	2798	3	0,000	-4,708	-188,475	-188,475	0,000	6,436	-46,546	6,436	-134,961	-134,961	0,000
	2799	4	0,000	-4,813	-190,733	-190,733	0,000	-0,875	-46,195	0,000	-134,671	-134,671	0,000
	3262	5	0,000	-4,917	-192,998	-192,998	0,000	-8,155	-46,029	0,000	-135,142	-135,142	0,000
Plate_1_8	3262	1	0,000	-4,917	-192,994	-192,994	0,000	-8,140	-46,037	0,000	-135,142	-135,142	0,000
Element 8-10 (Plate)	3263	2	0,000	-4,998	-194,762	-194,762	0,000	-13,775	-46,094	0,000	-136,032	-136,032	0,000
(Paratia 800)	3264	3	0,000	-5,079	-196,521	-196,521	0,000	-19,331	-46,267	0,000	-137,378	-137,378	0,000
	3265	4	0,000	-5,161	-198,268	-198,268	0,000	-24,795	-46,549	0,000	-139,172	-139,172	0,000
	3612	5	0,000	-5,242	-199,999	-199,999	0,000	-30,152	-46,934	0,000	-141,405	-141,405	0,000
Plate_1_8	3612	1	0,000	-5,242	-199,979	-199,979	0,000	-30,105	-46,902	0,000	-141,405	-141,405	0,000
Element 8-11 (Plate)	3613	2	0,000	-5,305	-201,320	-201,320	0,000	-34,174	-48,033	0,000	-143,442	-143,442	0,000
(Paratia 800)	3614	3	0,000	-5,369	-202,595	-202,595	0,000	-38,012	-49,759	0,000	-145,732	-145,732	0,000
	3615	4	0,000	-5,432	-203,778	-203,778	0,000	-41,517	-52,320	0,000	-148,254	-148,254	0,000
	4350	5	0,000	-5,495	-204,846	-204,846	0,000	-44,588	-54,711	0,000	-150,985	-150,985	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_9	4350	1	0,000	-5,495	-205,044	-205,044	0,000	-43,742	-53,693	0,000	-150,985	-150,985	0,000
Element 9-12 (Plate)	4351	2	0,000	-5,496	-205,116	-205,116	0,000	-43,677	-53,702	0,000	-151,036	-151,036	0,000
(Paratia 800)	4352	3	0,000	-5,498	-205,187	-205,187	0,000	-43,600	-53,698	0,000	-151,088	-151,088	0,000
	4353	4	0,000	-5,499	-205,258	-205,258	0,000	-43,511	-53,683	0,000	-151,140	-151,140	0,000
	4369	5	0,000	-5,500	-205,329	-205,329	0,000	-43,411	-53,655	0,000	-151,191	-151,191	0,000
Plate_1_10	4369	1	0,000	-5,500	-205,385	-205,385	0,000	-43,504	-53,951	0,000	-151,191	-151,191	0,000
Element 10-13 (Plate)	4370	2	0,000	-5,550	-208,107	-208,107	0,000	-39,314	-51,892	0,000	-153,239	-153,239	0,000
(Paratia 800)	4371	3	0,000	-5,599	-210,736	-210,736	0,000	-36,094	-50,310	0,000	-155,106	-155,106	0,000
	4372	4	0,000	-5,649	-213,280	-213,280	0,000	-33,756	-49,191	0,000	-156,834	-156,834	0,000
	4373	5	0,000	-5,698	-215,748	-215,748	0,000	-32,214	-48,519	0,000	-158,466	-158,466	0,000
Plate_1_10	4373	1	0,000	-5,698	-215,872	-215,872	0,000	-31,410	-48,018	0,000	-158,466	-158,466	0,000
Element 10-14 (Plate)	4337	2	0,000	-5,946	-227,611	-227,611	0,000	-29,789	-48,259	0,000	-165,919	-165,919	0,000
(Paratia 800)	4338	3	0,000	-6,194	-239,008	-239,008	0,000	-33,850	-51,821	0,053	-173,716	-173,716	0,000
	4339	4	0,000	-6,442	-250,087	-250,087	0,000	-42,898	-58,571	3,793	-183,118	-183,118	0,000
	4554	5	0,000	-6,690	-260,872	-260,872	0,000	-56,240	-67,970	10,370	-195,331	-195,331	0,000
Plate_1_11	4554	1	0,000	-6,690	-260,242	-260,242	0,000	-48,447	-62,324	10,550	-195,331	-195,331	0,000
Element 12-34 (Plate)	4555	2	0,000	-7,054	-250,059	-250,059	0,000	1,322	-25,521	18,658	-203,243	-203,243	0,000
(Paratia 800)	4556	3	0,000	-7,417	-241,287	-241,287	0,000	33,055	-0,864	33,055	-196,625	-196,625	0,000
	4557	4	0,000	-7,781	-233,771	-233,771	0,000	50,288	0,000	50,288	-180,954	-180,954	0,000
	5132	5	0,000	-8,145	-227,358	-227,358	0,000	56,552	0,000	56,552	-161,311	-161,311	0,000
Plate_1_11	5132	1	0,000	-8,145	-227,173	-227,173	0,000	57,859	0,000	57,859	-161,311	-161,311	0,000
Element 12-35 (Plate)	5133	2	0,000	-8,459	-221,949	-221,949	0,000	59,086	0,000	59,086	-142,815	-142,815	0,000
(Paratia 800)	5134	3	0,000	-8,774	-216,999	-216,999	0,000	57,493	0,000	57,493	-124,399	-124,399	0,000
	5135	4	0,000	-9,089	-212,309	-212,309	0,000	53,514	0,000	53,514	-106,844	-106,844	0,000
	5256	5	0,000	-9,404	-207,865	-207,865	0,000	47,586	0,000	47,586	-90,889	-90,889	0,000
Plate_1_11	5256	1	0,000	-9,404	-207,822	-207,822	0,000	48,024	0,000	48,024	-90,889	-90,889	0,000
Element 12-36 (Plate)	5257	2	0,000	-9,677	-204,051	-204,051	0,000	42,239	0,000	42,239	-78,582	-78,582	0,000
(Paratia 800)	5258	3	0,000	-9,950	-200,317	-200,317	0,000	37,013	0,000	37,013	-67,806	-67,806	0,000
	5259	4	0,000	-10,223	-196,618	-196,618	0,000	32,875	-0,018	32,875	-58,288	-58,288	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	5274	5	0,000	-10,495	-192,951	-192,951	0,000	30,352	-0,055	30,352	-49,717	-49,717	0,000
Plate_1_12	5274	1	0,000	-10,495	-192,915	-192,915	0,000	32,532	-0,058	32,532	-49,717	-49,717	0,000
Element 13-37 (Plate)	5275	2	0,000	-10,765	-187,205	-187,205	0,000	37,097	-0,022	37,097	-40,256	-44,719	0,000
(Paratia 800)	5276	3	0,000	-11,034	-181,618	-181,618	0,000	38,781	0,000	38,781	-29,984	-40,801	0,000
	5277	4	0,000	-11,304	-176,151	-176,151	1,447	38,173	0,000	38,173	-19,548	-37,045	0,000
	5298	5	0,000	-11,574	-170,805	-170,805	2,892	35,862	0,000	35,862	-9,546	-33,560	0,000
Plate_1_12	5298	1	0,000	-11,574	-170,788	-170,788	2,896	36,199	0,000	36,199	-9,546	-33,560	0,000
Element 13-38 (Plate)	5299	2	0,000	-11,854	-165,293	-165,293	4,290	33,424	0,000	33,424	0,237	-30,211	0,237
(Paratia 800)	5300	3	0,000	-12,135	-159,865	-159,865	5,570	30,408	0,000	30,408	9,206	-27,146	9,206
	5301	4	0,000	-12,416	-154,503	-154,503	6,737	27,218	0,000	27,218	17,307	-24,346	17,307
	5412	5	0,000	-12,697	-149,209	-149,209	7,789	23,922	0,000	23,922	24,488	-21,794	24,488
Plate_1_12	5412	1	0,000	-12,697	-149,200	-149,200	7,791	23,963	0,000	23,963	24,488	-21,794	24,488
Element 13-39 (Plate)	5413	2	0,000	-12,990	-143,735	-143,735	8,768	20,643	0,000	20,643	31,010	-19,373	31,010
(Paratia 800)	5414	3	0,000	-13,282	-138,307	-138,307	9,630	17,482	0,000	17,482	36,586	-17,172	36,586
	5415	4	0,000	-13,575	-132,916	-132,916	10,378	14,489	0,000	14,489	41,262	-15,170	41,262
	5616	5	0,000	-13,868	-127,564	-127,564	11,011	11,672	0,000	11,672	45,084	-13,347	45,084
Plate_1_12	5616	1	0,000	-13,868	-127,556	-127,556	11,013	11,664	0,000	11,664	45,084	-13,347	45,084
Element 13-40 (Plate)	5617	2	0,000	-14,173	-122,008	-122,008	11,557	8,940	-0,020	8,940	48,220	-11,617	48,220
(Paratia 800)	5618	3	0,000	-14,478	-116,471	-116,471	11,988	6,406	-0,040	6,406	50,556	-10,042	50,556
	5619	4	0,000	-14,783	-110,948	-110,948	12,306	4,048	-0,055	4,478	52,146	-8,610	52,146
	5640	5	0,000	-15,088	-105,441	-105,441	12,511	1,851	-0,066	4,072	53,041	-7,307	53,041
Plate_1_12	5640	1	0,000	-15,088	-105,433	-105,433	12,513	1,832	-0,066	4,048	53,041	-7,307	53,041
Element 13-41 (Plate)	5641	2	0,000	-15,405	-99,698	-99,698	12,612	-0,318	-0,553	3,634	53,278	-6,085	53,278
(Paratia 800)	5642	3	0,000	-15,723	-93,947	-93,947	12,597	-2,366	-2,366	3,146	52,850	-5,006	52,850
	5643	4	0,000	-16,041	-88,183	-88,183	12,470	-4,331	-4,331	2,576	51,783	-4,095	51,783
	5664	5	0,000	-16,358	-82,408	-82,408	12,230	-6,230	-6,230	1,913	50,104	-3,379	50,104
Plate_1_12	5664	1	0,000	-16,358	-82,399	-82,399	12,232	-6,232	-6,232	1,951	50,104	-3,379	50,104
Element 13-42 (Plate)	5665	2	0,000	-16,689	-76,355	-76,355	11,866	-8,169	-8,169	1,357	47,720	-2,922	47,720
(Paratia 800)	5666	3	0,000	-17,021	-70,263	-70,263	11,386	-10,037	-10,037	0,873	44,703	-2,686	44,703

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	5667	4	0,000	-17,352	-64,125	-64,125	10,791	-11,833	-11,833	0,640	41,080	-2,469	41,080
	6144	5	0,000	-17,683	-57,943	-57,943	10,082	-13,554	-13,554	0,623	36,877	-2,295	36,877
Plate_1_12	6144	1	0,000	-17,683	-57,927	-57,927	10,084	-13,507	-13,507	0,623	36,877	-2,295	36,877
Element 13-43 (Plate)	6145	2	0,000	-18,028	-51,424	-51,424	9,228	-15,203	-15,203	0,618	31,917	-2,193	31,917
(Paratia 800)	6146	3	0,000	-18,373	-44,812	-44,812	8,257	-16,530	-16,530	0,633	26,430	-2,203	26,430
	6147	4	0,000	-18,717	-38,086	-38,086	7,171	-17,460	-17,460	0,659	20,556	-2,212	20,556
	6734	5	0,000	-19,062	-31,245	-31,245	5,972	-17,963	-17,963	0,690	14,435	-2,188	14,435
Plate_1_12	6734	1	0,000	-19,062	-31,176	-31,176	5,981	-16,063	-16,063	0,840	14,435	-2,188	14,435
Element 13-44 (Plate)	6735	2	0,000	-19,422	-23,962	-23,962	4,607	-17,325	-17,325	0,692	7,966	-2,137	7,966
(Paratia 800)	6736	3	0,000	-19,781	-16,498	-16,498	3,137	-10,496	-10,496	1,847	3,104	-1,688	3,104
	6737	4	0,000	-20,141	-8,682	-8,682	1,584	-2,984	-2,984	2,828	0,501	-0,885	0,501
	6738	5	0,000	-20,500	-0,408	-0,408	0,000	-2,196	-2,196	1,385	0,000	0,000	0,000

3.2.1.1.1.4 Calculation results, Node-to-node anchor, chiodo [Phase_3] (3/17), Table of total displacements

Structural element	Node	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-6} m]	|u| [10^{-3} m]
NodeToNodeAnchor_1_1	2670	1	0,000	-3,833	5,174	487,041	5,197
Element 1-1 (Node-to-node anchor)	4166	2	-12,990	-11,320	0,995	-260,380	1,029

3.2.1.1.1.5 Calculation results, Node-to-node anchor, scavo per plinto [Phase_4] (4/20), Table of total displacements

Structural element	Node	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-6} m]	|u| [10^{-3} m]
NodeToNodeAnchor_1_1	2670	1	0,000	-3,833	8,601	876,527	8,645
Element 1-1 (Node-to-node anchor)	4166	2	-12,990	-11,320	2,722	-726,814	2,817

3.2.1.1.1.6 Calculation results, Node-to-node anchor, scavo totale a valle [Phase_5] (5/23), Table of total displacements

Structural element	Node	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
NodeToNodeAnchor_1_1	2670	1	0,000	-3,833	12,633	-0,707	12,653
Element 1-1 (Node-to-node anchor)	4166	2	-12,990	-11,320	6,819	-3,409	7,624

3.2.1.1.1.7 Calculation results, Node-to-node anchor, falda a -5 m [Phase_6] (6/26), Table of total displacements

Structural element	Node	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
NodeToNodeAnchor_1_1	2670	1	0,000	-3,833	12,727	-0,685	12,745
Element 1-1 (Node-to-node anchor)	4166	2	-12,990	-11,320	6,884	-3,387	7,672

3.2.1.1.1.8 Calculation results, Node-to-node anchor, terrapieno [Phase_7] (7/28), Table of total displacements

Structural element	Node	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
NodeToNodeAnchor_1_1	2670	1	0,000	-3,833	12,727	-0,685	12,746
Element 1-1 (Node-to-node anchor)	4166	2	-12,990	-11,320	6,883	-3,386	7,671

3.2.1.1.1.9 Calculation results, Node-to-node anchor, plinto + pali [Phase_8] (8/31), Table of total displacements

Structural element	Node	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
NodeToNodeAnchor_1_1	2670	1	0,000	-3,833	12,759	-1,052	12,802
Element 1-1 (Node-to-node anchor)	4166	2	-12,990	-11,320	6,672	-3,186	7,394

3.2.1.1.1.10 Calculation results, Node-to-node anchor, Versante - fase B [Phase_10] (10/38), Table of total displacements

Structural element	Node	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
NodeToNodeAnchor_1_1	2670	1	0,000	-3,833	6,405	0,312	6,413
Element 1-1 (Node-to-node anchor)	4166	2	-12,990	-11,320	-3,628	3,810	5,261

3.2.1.1.1.11 Calculation results, Node-to-node anchor, Versante + SISMA [Phase_12] (11/41), Table of total displacements

Structural element	Node	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
NodeToNodeAnchor_1_1	2670	1	0,000	-3,833	9,189	0,133	9,190
Element 1-1 (Node-to-node anchor)	4166	2	-12,990	-11,320	-3,254	3,992	5,150

3.2.1.1.1.12 Calculation results, Node-to-node anchor, SISMA- [Phase_11] (9/256), Table of total displacements

Structural element	Node	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
NodeToNodeAnchor_1_1	2670	1	0,000	-3,833	47,828	-2,587	47,898
Element 1-1 (Node-to-node anchor)	4166	2	-12,990	-11,320	35,759	-10,092	37,155

3.2.2.1.4 Calculation results, Node-to-node anchor, chiodo [Phase_3] (3/17), Table of node-to-node anchors

Structural element	Node	Local number	X [m]	Y [m]	N [kN]	N_{min} [kN]	N_{max} [kN]
NodeToNodeAnchor_1_1	2670	1	0,000	-3,833	6,301	0,000	6,301
Element 1-1 (Node-to-node anchor)	4166	2	-12,990	-11,320	6,301	0,000	6,301

3.2.2.1.5 Calculation results, Node-to-node anchor, scavo per plinto [Phase_4] (4/20), Table of node-to-node anchors

Structural element	Node	Local number	X [m]	Y [m]	N [kN]	N_{min} [kN]	N_{max} [kN]
NodeToNodeAnchor_1_1	2670	1	0,000	-3,833	102,659	0,000	102,659
Element 1-1 (Node-to-node anchor)	4166	2	-12,990	-11,320	102,659	0,000	102,659

3.2.2.1.6 Calculation results, Node-to-node anchor, scavo totale a valle [Phase_5] (5/23), Table of node-to-node anchors

Structural element	Node	Local number	X [m]	Y [m]	N [kN]	N_{min} [kN]	N_{max} [kN]
NodeToNodeAnchor_1_1	2670	1	0,000	-3,833	127,589	0,000	127,589
Element 1-1 (Node-to-node anchor)	4166	2	-12,990	-11,320	127,589	0,000	127,589

3.2.2.1.7 Calculation results, Node-to-node anchor, falda a -5 m [Phase_6] (6/26), Table of node-to-node anchors

Structural element	Node	Local number	X [m]	Y [m]	N [kN]	N_{min} [kN]	N_{max} [kN]
NodeToNodeAnchor_1_1	2670	1	0,000	-3,833	128,876	0,000	128,876
Element 1-1 (Node-to-node anchor)	4166	2	-12,990	-11,320	128,876	0,000	128,876

3.2.2.1.8 Calculation results, Node-to-node anchor, terrapieno [Phase_7] (7/28), Table of node-to-node anchors

Structural element	Node	Local number	X [m]	Y [m]	N [kN]	N_{min} [kN]	N_{max} [kN]
NodeToNodeAnchor_1_1	2670	1	0,000	-3,833	128,893	0,000	128,893
Element 1-1 (Node-to-node anchor)	4166	2	-12,990	-11,320	128,893	0,000	128,893

3.2.2.1.9 Calculation results, Node-to-node anchor, plinto + pali [Phase_8] (8/31), Table of node-to-node anchors

Structural element	Node	Local number	X [m]	Y [m]	N [kN]	N_{min} [kN]	N_{max} [kN]
NodeToNodeAnchor_1_1	2670	1	0,000	-3,833	125,206	0,000	128,893
Element 1-1 (Node-to-node anchor)	4166	2	-12,990	-11,320	125,206	0,000	128,893

3.2.2.1.10 Calculation results, Node-to-node anchor, Versante - fase B [Phase_10] (10/38), Table of node-to-node anchors

Structural element	Node	Local number	X [m]	Y [m]	N [kN]	N_{min} [kN]	N_{max} [kN]
NodeToNodeAnchor_1_1	2670	1	0,000	-3,833	477,428	0,000	477,428
Element 1-1 (Node-to-node anchor)	4166	2	-12,990	-11,320	477,428	0,000	477,428

3.2.2.1.11 Calculation results, Node-to-node anchor, Versante + SISMA [Phase_12] (11/41), Table of node-to-node anchors

Structural element	Node	Local number	X [m]	Y [m]	N [kN]	N_{min} [kN]	N_{max} [kN]
NodeToNodeAnchor_1_1	2670	1	0,000	-3,833	574,153	0,000	574,153
Element 1-1 (Node-to-node anchor)	4166	2	-12,990	-11,320	574,153	0,000	574,153

3.2.2.1.12 Calculation results, Node-to-node anchor, SISMA- [Phase_11] (9/256), Table of node-to-node anchors

Structural element	Node	Local number	X [m]	Y [m]	N [kN]	N_{min} [kN]	N_{max} [kN]
NodeToNodeAnchor_1_1	2670	1	0,000	-3,833	523,997	0,000	523,997
Element 1-1 (Node-to-node anchor)	4166	2	-12,990	-11,320	523,997	0,000	523,997

3.3.1.1.1.9 Calculation results, Embedded beam row, plinto + pali [Phase_8] (8/31), Table of total displacements

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
EmbeddedBeamRow_1_1	17498	1	4,500	-6,690	6,334	4,083	7,536
Element 1-1 (Embedded beam row)	17499	2	4,500	-6,693	6,334	4,082	7,536
(palo 1500)	17500	3	4,500	-6,695	6,335	4,082	7,536
	17501	4	4,500	-6,698	6,336	4,081	7,537
	17502	5	4,500	-6,701	6,337	4,080	7,537
EmbeddedBeamRow_1_1	17502	1	4,500	-6,701	6,337	4,080	7,537
Element 1-2 (Embedded beam row)	17503	2	4,500	-6,766	6,362	4,060	7,547
(palo 1500)	17504	3	4,500	-6,832	6,388	4,038	7,557
	17505	4	4,500	-6,897	6,415	4,014	7,567
	17506	5	4,500	-6,963	6,441	3,989	7,576
EmbeddedBeamRow_1_1	17506	1	4,500	-6,963	6,441	3,989	7,576
Element 1-3 (Embedded beam row)	17507	2	4,500	-7,040	6,471	3,959	7,586
(palo 1500)	17508	3	4,500	-7,118	6,501	3,928	7,596
	17509	4	4,500	-7,195	6,531	3,897	7,605
	17510	5	4,500	-7,272	6,559	3,866	7,614
EmbeddedBeamRow_1_1	17510	1	4,500	-7,272	6,559	3,866	7,614
Element 1-4 (Embedded beam row)	17511	2	4,500	-7,364	6,593	3,829	7,624
(palo 1500)	17512	3	4,500	-7,455	6,625	3,791	7,633
	17513	4	4,500	-7,546	6,657	3,753	7,642
	17514	5	4,500	-7,638	6,688	3,715	7,651
EmbeddedBeamRow_1_1	17514	1	4,500	-7,638	6,688	3,715	7,651
Element 1-5 (Embedded beam row)	17515	2	4,500	-7,745	6,724	3,669	7,660
(palo 1500)	17516	3	4,500	-7,853	6,758	3,624	7,669

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	17517	4	4,500	-7,961	6,792	3,578	7,677
	17518	5	4,500	-8,068	6,824	3,533	7,684
EmbeddedBeamRow_1_1	17518	1	4,500	-8,068	6,824	3,533	7,684
Element 1-6 (Embedded beam row)	17519	2	4,500	-8,195	6,861	3,479	7,692
(palo 1500)	17520	3	4,500	-8,322	6,896	3,425	7,700
	17521	4	4,500	-8,449	6,930	3,372	7,706
	17522	5	4,500	-8,576	6,962	3,319	7,712
EmbeddedBeamRow_1_1	17522	1	4,500	-8,576	6,962	3,319	7,712
Element 1-7 (Embedded beam row)	17523	2	4,500	-8,726	6,998	3,257	7,718
(palo 1500)	17524	3	4,500	-8,876	7,032	3,195	7,724
	17525	4	4,500	-9,026	7,064	3,134	7,728
	17526	5	4,500	-9,176	7,094	3,073	7,731
EmbeddedBeamRow_1_1	17526	1	4,500	-9,176	7,094	3,073	7,731
Element 1-8 (Embedded beam row)	17527	2	4,500	-9,352	7,128	3,003	7,735
(palo 1500)	17528	3	4,500	-9,529	7,159	2,934	7,737
	17529	4	4,500	-9,706	7,188	2,865	7,738
	17530	5	4,500	-9,883	7,215	2,798	7,739
EmbeddedBeamRow_1_1	17530	1	4,500	-9,883	7,215	2,798	7,739
Element 1-9 (Embedded beam row)	17531	2	4,500	-10,091	7,244	2,720	7,738
(palo 1500)	17532	3	4,500	-10,300	7,271	2,644	7,737
	17533	4	4,500	-10,508	7,296	2,570	7,735
	17534	5	4,500	-10,717	7,318	2,497	7,732
EmbeddedBeamRow_1_1	17534	1	4,500	-10,717	7,318	2,497	7,732
Element 1-10 (Embedded beam row)	17535	2	4,500	-10,963	7,341	2,414	7,728
(palo 1500)	17536	3	4,500	-11,209	7,362	2,332	7,723
	17537	4	4,500	-11,455	7,380	2,253	7,716

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	17538	5	4,500	-11,701	7,395	2,176	7,708
EmbeddedBeamRow_1_1	17538	1	4,500	-11,701	7,395	2,176	7,708
Element 1-11 (Embedded beam row)	17539	2	4,500	-11,952	7,388	2,106	7,682
(palo 1500)	17540	3	4,500	-12,203	7,380	2,038	7,656
	17541	4	4,500	-12,454	7,372	1,972	7,631
	17542	5	4,500	-12,705	7,365	1,906	7,607
EmbeddedBeamRow_1_1	17542	1	4,500	-12,705	7,365	1,906	7,607
Element 1-12 (Embedded beam row)	17543	2	4,500	-12,962	7,356	1,841	7,583
(palo 1500)	17544	3	4,500	-13,218	7,348	1,776	7,559
	17545	4	4,500	-13,475	7,338	1,713	7,536
	17546	5	4,500	-13,732	7,329	1,650	7,512
EmbeddedBeamRow_1_1	17546	1	4,500	-13,732	7,329	1,650	7,512
Element 1-13 (Embedded beam row)	17547	2	4,500	-13,994	7,318	1,587	7,488
(palo 1500)	17548	3	4,500	-14,257	7,306	1,525	7,464
	17549	4	4,500	-14,519	7,294	1,464	7,439
	17550	5	4,500	-14,781	7,280	1,404	7,415
EmbeddedBeamRow_1_1	17550	1	4,500	-14,781	7,280	1,404	7,415
Element 1-14 (Embedded beam row)	17551	2	4,500	-15,050	7,265	1,344	7,389
(palo 1500)	17552	3	4,500	-15,318	7,249	1,284	7,362
	17553	4	4,500	-15,586	7,232	1,225	7,335
	17554	5	4,500	-15,855	7,214	1,168	7,308
EmbeddedBeamRow_1_1	17554	1	4,500	-15,855	7,214	1,168	7,308
Element 1-15 (Embedded beam row)	17555	2	4,500	-16,129	7,193	1,110	7,279
(palo 1500)	17556	3	4,500	-16,403	7,172	1,052	7,249
	17557	4	4,500	-16,678	7,149	0,996	7,218
	17558	5	4,500	-16,952	7,125	0,941	7,187

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
EmbeddedBeamRow_1_1	17558	1	4,500	-16,952	7,125	0,941	7,187
Element 1-16 (Embedded beam row)	17559	2	4,500	-17,232	7,099	0,885	7,154
(palo 1500)	17560	3	4,500	-17,513	7,072	0,830	7,120
	17561	4	4,500	-17,793	7,043	0,776	7,086
	17562	5	4,500	-18,074	7,014	0,723	7,051
EmbeddedBeamRow_1_1	17562	1	4,500	-18,074	7,014	0,723	7,051
Element 1-17 (Embedded beam row)	17563	2	4,500	-18,360	6,982	0,669	7,014
(palo 1500)	17564	3	4,500	-18,647	6,950	0,616	6,977
	17565	4	4,500	-18,934	6,916	0,564	6,939
	17566	5	4,500	-19,221	6,882	0,512	6,901
EmbeddedBeamRow_1_1	17566	1	4,500	-19,221	6,882	0,512	6,901
Element 1-18 (Embedded beam row)	17567	2	4,500	-19,514	6,846	0,460	6,861
(palo 1500)	17568	3	4,500	-19,807	6,809	0,408	6,821
	17569	4	4,500	-20,100	6,771	0,356	6,780
	17570	5	4,500	-20,393	6,732	0,305	6,739
EmbeddedBeamRow_1_1	17570	1	4,500	-20,393	6,732	0,305	6,739
Element 1-19 (Embedded beam row)	17571	2	4,500	-20,693	6,692	0,253	6,697
(palo 1500)	17572	3	4,500	-20,992	6,650	0,201	6,653
	17573	4	4,500	-21,292	6,607	0,149	6,609
	17574	5	4,500	-21,592	6,562	0,097	6,563
EmbeddedBeamRow_1_1	17574	1	4,500	-21,592	6,562	0,097	6,563
Element 1-20 (Embedded beam row)	17575	2	4,500	-21,898	6,514	0,044	6,514
(palo 1500)	17576	3	4,500	-22,205	6,463	-0,008	6,463
	17577	4	4,500	-22,511	6,409	-0,060	6,409
	17578	5	4,500	-22,817	6,351	-0,112	6,352
EmbeddedBeamRow_1_1	17578	1	4,500	-22,817	6,351	-0,112	6,352

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
Element 1-21 (Embedded beam row)	17579	2	4,500	-23,131	6,288	-0,164	6,291
(palo 1500)	17580	3	4,500	-23,444	6,222	-0,215	6,226
	17581	4	4,500	-23,757	6,152	-0,265	6,158
	17582	5	4,500	-24,070	6,078	-0,314	6,086
EmbeddedBeamRow_1_1	17582	1	4,500	-24,070	6,078	-0,314	6,086
Element 1-22 (Embedded beam row)	17583	2	4,500	-24,391	5,999	-0,363	6,010
(palo 1500)	17584	3	4,500	-24,711	5,915	-0,411	5,929
	17585	4	4,500	-25,031	5,827	-0,457	5,845
	17586	5	4,500	-25,351	5,735	-0,502	5,757
EmbeddedBeamRow_1_1	17586	1	4,500	-25,351	5,735	-0,502	5,757
Element 1-23 (Embedded beam row)	17587	2	4,500	-25,679	5,635	-0,547	5,662
(palo 1500)	17588	3	4,500	-26,006	5,531	-0,590	5,562
	17589	4	4,500	-26,334	5,421	-0,631	5,458
	17590	5	4,500	-26,661	5,307	-0,671	5,349
EmbeddedBeamRow_1_1	17590	1	4,500	-26,661	5,307	-0,671	5,349
Element 1-24 (Embedded beam row)	17591	2	4,500	-26,996	5,184	-0,711	5,233
(palo 1500)	17592	3	4,500	-27,331	5,056	-0,749	5,111
	17593	4	4,500	-27,665	4,921	-0,785	4,983
	17594	5	4,500	-28,000	4,780	-0,820	4,850
EmbeddedBeamRow_1_1	17594	1	4,500	-28,000	4,780	-0,820	4,850
Element 1-25 (Embedded beam row)	17595	2	4,500	-28,673	4,477	-0,886	4,563
(palo 1500)	17596	3	4,500	-29,345	4,143	-0,944	4,249
	17597	4	4,500	-30,018	3,777	-0,996	3,906
	17598	5	4,500	-30,690	3,377	-1,041	3,534
EmbeddedBeamRow_2_1	17599	1	12,300	-6,690	4,839	4,298	6,472
Element 2-26 (Embedded beam row)	17600	2	12,300	-6,816	4,831	4,297	6,465

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
(palo 1500)	17601	3	12,300	-6,942	4,822	4,293	6,456
	17602	4	12,300	-7,068	4,811	4,289	6,445
	17603	5	12,300	-7,194	4,800	4,284	6,434
EmbeddedBeamRow_2_1	17603	1	12,300	-7,194	4,800	4,284	6,434
Element 2-27 (Embedded beam row)	17604	2	12,300	-7,364	4,784	4,276	6,417
(palo 1500)	17605	3	12,300	-7,534	4,767	4,268	6,398
	17606	4	12,300	-7,704	4,750	4,258	6,379
	17607	5	12,300	-7,874	4,732	4,247	6,359
EmbeddedBeamRow_2_1	17607	1	12,300	-7,874	4,732	4,247	6,359
Element 2-28 (Embedded beam row)	17608	2	12,300	-8,103	4,708	4,232	6,330
(palo 1500)	17609	3	12,300	-8,332	4,684	4,215	6,301
	17610	4	12,300	-8,561	4,661	4,196	6,271
	17611	5	12,300	-8,790	4,646	4,171	6,244
EmbeddedBeamRow_2_1	17611	1	12,300	-8,790	4,646	4,171	6,244
Element 2-29 (Embedded beam row)	17612	2	12,300	-9,040	4,709	4,100	6,244
(palo 1500)	17613	3	12,300	-9,290	4,776	4,027	6,247
	17614	4	12,300	-9,540	4,841	3,955	6,251
	17615	5	12,300	-9,790	4,905	3,882	6,255
EmbeddedBeamRow_2_1	17615	1	12,300	-9,790	4,905	3,882	6,255
Element 2-30 (Embedded beam row)	17616	2	12,300	-10,040	4,968	3,809	6,260
(palo 1500)	17617	3	12,300	-10,290	5,028	3,735	6,264
	17618	4	12,300	-10,540	5,087	3,662	6,268
	17619	5	12,300	-10,790	5,144	3,588	6,272
EmbeddedBeamRow_2_1	17619	1	12,300	-10,790	5,144	3,588	6,272
Element 2-31 (Embedded beam row)	17620	2	12,300	-11,040	5,199	3,515	6,276
(palo 1500)	17621	3	12,300	-11,290	5,253	3,441	6,280

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	17622	4	12,300	-11,540	5,304	3,368	6,283
	17623	5	12,300	-11,790	5,353	3,295	6,286
EmbeddedBeamRow_2_1	17623	1	12,300	-11,790	5,353	3,295	6,286
Element 2-32 (Embedded beam row)	17624	2	12,300	-12,040	5,401	3,222	6,289
(palo 1500)	17625	3	12,300	-12,290	5,446	3,149	6,291
	17626	4	12,300	-12,540	5,490	3,076	6,293
	17627	5	12,300	-12,790	5,532	3,004	6,295
EmbeddedBeamRow_2_1	17627	1	12,300	-12,790	5,532	3,004	6,295
Element 2-33 (Embedded beam row)	17628	2	12,300	-13,040	5,571	2,932	6,296
(palo 1500)	17629	3	12,300	-13,290	5,609	2,860	6,296
	17630	4	12,300	-13,540	5,645	2,788	6,296
	17631	5	12,300	-13,790	5,678	2,716	6,294
EmbeddedBeamRow_2_1	17631	1	12,300	-13,790	5,678	2,716	6,294
Element 2-34 (Embedded beam row)	17632	2	12,300	-14,045	5,684	2,650	6,272
(palo 1500)	17633	3	12,300	-14,301	5,691	2,585	6,250
	17634	4	12,300	-14,556	5,696	2,521	6,229
	17635	5	12,300	-14,811	5,699	2,457	6,206
EmbeddedBeamRow_2_1	17635	1	12,300	-14,811	5,699	2,457	6,206
Element 2-35 (Embedded beam row)	17636	2	12,300	-15,074	5,702	2,392	6,183
(palo 1500)	17637	3	12,300	-15,336	5,703	2,327	6,159
	17638	4	12,300	-15,598	5,703	2,262	6,135
	17639	5	12,300	-15,860	5,701	2,197	6,110
EmbeddedBeamRow_2_1	17639	1	12,300	-15,860	5,701	2,197	6,110
Element 2-36 (Embedded beam row)	17640	2	12,300	-16,129	5,698	2,131	6,083
(palo 1500)	17641	3	12,300	-16,398	5,693	2,066	6,056
	17642	4	12,300	-16,667	5,687	2,000	6,029

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	17643	5	12,300	-16,936	5,680	1,935	6,000
EmbeddedBeamRow_2_1	17643	1	12,300	-16,936	5,680	1,935	6,000
Element 2-37 (Embedded beam row)	17644	2	12,300	-17,212	5,671	1,869	5,971
(palo 1500)	17645	3	12,300	-17,488	5,660	1,802	5,940
	17646	4	12,300	-17,765	5,648	1,736	5,909
	17647	5	12,300	-18,041	5,635	1,671	5,877
EmbeddedBeamRow_2_1	17647	1	12,300	-18,041	5,635	1,671	5,877
Element 2-38 (Embedded beam row)	17648	2	12,300	-18,324	5,620	1,604	5,844
(palo 1500)	17649	3	12,300	-18,608	5,603	1,537	5,810
	17650	4	12,300	-18,891	5,585	1,470	5,776
	17651	5	12,300	-19,175	5,566	1,404	5,740
EmbeddedBeamRow_2_1	17651	1	12,300	-19,175	5,566	1,404	5,740
Element 2-39 (Embedded beam row)	17652	2	12,300	-19,466	5,544	1,336	5,703
(palo 1500)	17653	3	12,300	-19,757	5,521	1,269	5,665
	17654	4	12,300	-20,048	5,496	1,202	5,626
	17655	5	12,300	-20,339	5,469	1,135	5,586
EmbeddedBeamRow_2_1	17655	1	12,300	-20,339	5,469	1,135	5,586
Element 2-40 (Embedded beam row)	17656	2	12,300	-20,638	5,440	1,067	5,544
(palo 1500)	17657	3	12,300	-20,936	5,409	1,000	5,501
	17658	4	12,300	-21,235	5,377	0,933	5,457
	17659	5	12,300	-21,534	5,342	0,866	5,412
EmbeddedBeamRow_2_1	17659	1	12,300	-21,534	5,342	0,866	5,412
Element 2-41 (Embedded beam row)	17660	2	12,300	-21,840	5,304	0,797	5,364
(palo 1500)	17661	3	12,300	-22,147	5,265	0,729	5,315
	17662	4	12,300	-22,454	5,223	0,662	5,265
	17663	5	12,300	-22,760	5,180	0,595	5,214

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
EmbeddedBeamRow_2_1	17663	1	12,300	-22,760	5,180	0,595	5,214
Element 2-42 (Embedded beam row)	17664	2	12,300	-23,075	5,133	0,527	5,160
(palo 1500)	17665	3	12,300	-23,390	5,084	0,459	5,104
	17666	4	12,300	-23,705	5,032	0,391	5,048
	17667	5	12,300	-24,019	4,979	0,324	4,989
EmbeddedBeamRow_2_1	17667	1	12,300	-24,019	4,979	0,324	4,989
Element 2-43 (Embedded beam row)	17668	2	12,300	-24,342	4,921	0,256	4,928
(palo 1500)	17669	3	12,300	-24,665	4,862	0,188	4,866
	17670	4	12,300	-24,989	4,801	0,120	4,803
	17671	5	12,300	-25,312	4,737	0,053	4,738
EmbeddedBeamRow_2_1	17671	1	12,300	-25,312	4,737	0,053	4,738
Element 2-44 (Embedded beam row)	17672	2	12,300	-25,643	4,669	-0,015	4,669
(palo 1500)	17673	3	12,300	-25,975	4,598	-0,083	4,599
	17674	4	12,300	-26,307	4,524	-0,150	4,526
	17675	5	12,300	-26,638	4,447	-0,216	4,452
EmbeddedBeamRow_2_1	17675	1	12,300	-26,638	4,447	-0,216	4,452
Element 2-45 (Embedded beam row)	17676	2	12,300	-26,979	4,364	-0,283	4,373
(palo 1500)	17677	3	12,300	-27,319	4,279	-0,349	4,293
	17678	4	12,300	-27,660	4,190	-0,414	4,211
	17679	5	12,300	-28,000	4,097	-0,478	4,125
EmbeddedBeamRow_2_1	17679	1	12,300	-28,000	4,097	-0,478	4,125
Element 2-46 (Embedded beam row)	17680	2	12,300	-28,673	3,896	-0,597	3,941
(palo 1500)	17681	3	12,300	-29,345	3,669	-0,708	3,736
	17682	4	12,300	-30,018	3,413	-0,808	3,507
	17683	5	12,300	-30,690	3,125	-0,898	3,252

3.3.1.1.1.10 Calculation results, Embedded beam row, Versante - fase B [Phase_10] (10/38), Table of total displacements

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
EmbeddedBeamRow_1_1	17498	1	4,500	-6,690	-5,760	-1,269	5,898
Element 1-1 (Embedded beam row)	17499	2	4,500	-6,693	-5,760	-1,269	5,898
(palo 1500)	17500	3	4,500	-6,695	-5,760	-1,269	5,898
	17501	4	4,500	-6,698	-5,760	-1,269	5,898
	17502	5	4,500	-6,701	-5,760	-1,269	5,898
EmbeddedBeamRow_1_1	17502	1	4,500	-6,701	-5,760	-1,269	5,898
Element 1-2 (Embedded beam row)	17503	2	4,500	-6,766	-5,763	-1,269	5,901
(palo 1500)	17504	3	4,500	-6,832	-5,765	-1,268	5,903
	17505	4	4,500	-6,897	-5,768	-1,268	5,906
	17506	5	4,500	-6,963	-5,771	-1,267	5,908
EmbeddedBeamRow_1_1	17506	1	4,500	-6,963	-5,771	-1,267	5,908
Element 1-3 (Embedded beam row)	17507	2	4,500	-7,040	-5,774	-1,266	5,911
(palo 1500)	17508	3	4,500	-7,118	-5,777	-1,266	5,914
	17509	4	4,500	-7,195	-5,780	-1,265	5,916
	17510	5	4,500	-7,272	-5,783	-1,265	5,919
EmbeddedBeamRow_1_1	17510	1	4,500	-7,272	-5,783	-1,265	5,919
Element 1-4 (Embedded beam row)	17511	2	4,500	-7,364	-5,786	-1,264	5,923
(palo 1500)	17512	3	4,500	-7,455	-5,790	-1,263	5,926
	17513	4	4,500	-7,546	-5,793	-1,262	5,929
	17514	5	4,500	-7,638	-5,796	-1,262	5,932
EmbeddedBeamRow_1_1	17514	1	4,500	-7,638	-5,796	-1,262	5,932
Element 1-5 (Embedded beam row)	17515	2	4,500	-7,745	-5,800	-1,261	5,936
(palo 1500)	17516	3	4,500	-7,853	-5,804	-1,260	5,939

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	17517	4	4,500	-7,961	-5,808	-1,259	5,943
	17518	5	4,500	-8,068	-5,812	-1,258	5,947
EmbeddedBeamRow_1_1	17518	1	4,500	-8,068	-5,812	-1,258	5,947
Element 1-6 (Embedded beam row)	17519	2	4,500	-8,195	-5,816	-1,257	5,951
(palo 1500)	17520	3	4,500	-8,322	-5,820	-1,256	5,954
	17521	4	4,500	-8,449	-5,824	-1,255	5,958
	17522	5	4,500	-8,576	-5,828	-1,254	5,962
EmbeddedBeamRow_1_1	17522	1	4,500	-8,576	-5,828	-1,254	5,962
Element 1-7 (Embedded beam row)	17523	2	4,500	-8,726	-5,833	-1,252	5,966
(palo 1500)	17524	3	4,500	-8,876	-5,837	-1,251	5,969
	17525	4	4,500	-9,026	-5,840	-1,250	5,973
	17526	5	4,500	-9,176	-5,844	-1,248	5,976
EmbeddedBeamRow_1_1	17526	1	4,500	-9,176	-5,844	-1,248	5,976
Element 1-8 (Embedded beam row)	17527	2	4,500	-9,352	-5,848	-1,247	5,979
(palo 1500)	17528	3	4,500	-9,529	-5,851	-1,245	5,982
	17529	4	4,500	-9,706	-5,854	-1,243	5,984
	17530	5	4,500	-9,883	-5,856	-1,242	5,986
EmbeddedBeamRow_1_1	17530	1	4,500	-9,883	-5,856	-1,242	5,986
Element 1-9 (Embedded beam row)	17531	2	4,500	-10,091	-5,858	-1,240	5,988
(palo 1500)	17532	3	4,500	-10,300	-5,859	-1,238	5,988
	17533	4	4,500	-10,508	-5,859	-1,236	5,988
	17534	5	4,500	-10,717	-5,859	-1,234	5,987
EmbeddedBeamRow_1_1	17534	1	4,500	-10,717	-5,859	-1,234	5,987
Element 1-10 (Embedded beam row)	17535	2	4,500	-10,963	-5,857	-1,231	5,985
(palo 1500)	17536	3	4,500	-11,209	-5,853	-1,229	5,981
	17537	4	4,500	-11,455	-5,849	-1,226	5,976

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	17538	5	4,500	-11,701	-5,843	-1,223	5,970
EmbeddedBeamRow_1_1	17538	1	4,500	-11,701	-5,843	-1,223	5,970
Element 1-11 (Embedded beam row)	17539	2	4,500	-11,952	-5,835	-1,221	5,962
(palo 1500)	17540	3	4,500	-12,203	-5,826	-1,218	5,952
	17541	4	4,500	-12,454	-5,815	-1,215	5,941
	17542	5	4,500	-12,705	-5,803	-1,213	5,929
EmbeddedBeamRow_1_1	17542	1	4,500	-12,705	-5,803	-1,213	5,929
Element 1-12 (Embedded beam row)	17543	2	4,500	-12,962	-5,789	-1,210	5,914
(palo 1500)	17544	3	4,500	-13,218	-5,773	-1,207	5,898
	17545	4	4,500	-13,475	-5,756	-1,204	5,880
	17546	5	4,500	-13,732	-5,737	-1,201	5,861
EmbeddedBeamRow_1_1	17546	1	4,500	-13,732	-5,737	-1,201	5,861
Element 1-13 (Embedded beam row)	17547	2	4,500	-13,994	-5,716	-1,198	5,840
(palo 1500)	17548	3	4,500	-14,257	-5,693	-1,195	5,817
	17549	4	4,500	-14,519	-5,669	-1,192	5,793
	17550	5	4,500	-14,781	-5,643	-1,189	5,767
EmbeddedBeamRow_1_1	17550	1	4,500	-14,781	-5,643	-1,189	5,767
Element 1-14 (Embedded beam row)	17551	2	4,500	-15,050	-5,615	-1,186	5,739
(palo 1500)	17552	3	4,500	-15,318	-5,585	-1,183	5,709
	17553	4	4,500	-15,586	-5,554	-1,180	5,678
	17554	5	4,500	-15,855	-5,521	-1,177	5,645
EmbeddedBeamRow_1_1	17554	1	4,500	-15,855	-5,521	-1,177	5,645
Element 1-15 (Embedded beam row)	17555	2	4,500	-16,129	-5,486	-1,174	5,611
(palo 1500)	17556	3	4,500	-16,403	-5,450	-1,171	5,574
	17557	4	4,500	-16,678	-5,413	-1,167	5,537
	17558	5	4,500	-16,952	-5,374	-1,164	5,498

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
EmbeddedBeamRow_1_1	17558	1	4,500	-16,952	-5,374	-1,164	5,498
Element 1-16 (Embedded beam row)	17559	2	4,500	-17,232	-5,333	-1,161	5,457
(palo 1500)	17560	3	4,500	-17,513	-5,290	-1,158	5,415
	17561	4	4,500	-17,793	-5,247	-1,154	5,372
	17562	5	4,500	-18,074	-5,202	-1,151	5,328
EmbeddedBeamRow_1_1	17562	1	4,500	-18,074	-5,202	-1,151	5,328
Element 1-17 (Embedded beam row)	17563	2	4,500	-18,360	-5,155	-1,148	5,281
(palo 1500)	17564	3	4,500	-18,647	-5,107	-1,145	5,234
	17565	4	4,500	-18,934	-5,058	-1,141	5,185
	17566	5	4,500	-19,221	-5,008	-1,138	5,135
EmbeddedBeamRow_1_1	17566	1	4,500	-19,221	-5,008	-1,138	5,135
Element 1-18 (Embedded beam row)	17567	2	4,500	-19,514	-4,955	-1,135	5,084
(palo 1500)	17568	3	4,500	-19,807	-4,902	-1,132	5,031
	17569	4	4,500	-20,100	-4,848	-1,128	4,977
	17570	5	4,500	-20,393	-4,793	-1,125	4,923
EmbeddedBeamRow_1_1	17570	1	4,500	-20,393	-4,793	-1,125	4,923
Element 1-19 (Embedded beam row)	17571	2	4,500	-20,693	-4,735	-1,122	4,866
(palo 1500)	17572	3	4,500	-20,992	-4,676	-1,118	4,808
	17573	4	4,500	-21,292	-4,617	-1,115	4,750
	17574	5	4,500	-21,592	-4,557	-1,112	4,690
EmbeddedBeamRow_1_1	17574	1	4,500	-21,592	-4,557	-1,112	4,690
Element 1-20 (Embedded beam row)	17575	2	4,500	-21,898	-4,494	-1,109	4,628
(palo 1500)	17576	3	4,500	-22,205	-4,430	-1,106	4,566
	17577	4	4,500	-22,511	-4,365	-1,102	4,502
	17578	5	4,500	-22,817	-4,299	-1,099	4,437
EmbeddedBeamRow_1_1	17578	1	4,500	-22,817	-4,299	-1,099	4,437

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
Element 1-21 (Embedded beam row)	17579	2	4,500	-23,131	-4,231	-1,096	4,371
(palo 1500)	17580	3	4,500	-23,444	-4,162	-1,093	4,303
	17581	4	4,500	-23,757	-4,091	-1,090	4,234
	17582	5	4,500	-24,070	-4,020	-1,087	4,164
EmbeddedBeamRow_1_1	17582	1	4,500	-24,070	-4,020	-1,087	4,164
Element 1-22 (Embedded beam row)	17583	2	4,500	-24,391	-3,946	-1,084	4,092
(palo 1500)	17584	3	4,500	-24,711	-3,871	-1,081	4,019
	17585	4	4,500	-25,031	-3,795	-1,078	3,945
	17586	5	4,500	-25,351	-3,718	-1,075	3,870
EmbeddedBeamRow_1_1	17586	1	4,500	-25,351	-3,718	-1,075	3,870
Element 1-23 (Embedded beam row)	17587	2	4,500	-25,679	-3,638	-1,072	3,793
(palo 1500)	17588	3	4,500	-26,006	-3,558	-1,069	3,715
	17589	4	4,500	-26,334	-3,477	-1,066	3,636
	17590	5	4,500	-26,661	-3,395	-1,064	3,557
EmbeddedBeamRow_1_1	17590	1	4,500	-26,661	-3,395	-1,064	3,557
Element 1-24 (Embedded beam row)	17591	2	4,500	-26,996	-3,310	-1,061	3,476
(palo 1500)	17592	3	4,500	-27,331	-3,225	-1,058	3,394
	17593	4	4,500	-27,665	-3,139	-1,056	3,311
	17594	5	4,500	-28,000	-3,052	-1,053	3,229
EmbeddedBeamRow_1_1	17594	1	4,500	-28,000	-3,052	-1,053	3,229
Element 1-25 (Embedded beam row)	17595	2	4,500	-28,673	-2,877	-1,049	3,062
(palo 1500)	17596	3	4,500	-29,345	-2,701	-1,044	2,896
	17597	4	4,500	-30,018	-2,524	-1,040	2,730
	17598	5	4,500	-30,690	-2,348	-1,037	2,567
EmbeddedBeamRow_2_1	17599	1	12,300	-6,690	-5,758	-1,406	5,927
Element 2-26 (Embedded beam row)	17600	2	12,300	-6,816	-5,757	-1,405	5,926

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
(palo 1500)	17601	3	12,300	-6,942	-5,754	-1,404	5,923
	17602	4	12,300	-7,068	-5,752	-1,404	5,920
	17603	5	12,300	-7,194	-5,748	-1,403	5,917
EmbeddedBeamRow_2_1	17603	1	12,300	-7,194	-5,748	-1,403	5,917
Element 2-27 (Embedded beam row)	17604	2	12,300	-7,364	-5,742	-1,402	5,911
(palo 1500)	17605	3	12,300	-7,534	-5,735	-1,402	5,904
	17606	4	12,300	-7,704	-5,727	-1,401	5,896
	17607	5	12,300	-7,874	-5,718	-1,400	5,887
EmbeddedBeamRow_2_1	17607	1	12,300	-7,874	-5,718	-1,400	5,887
Element 2-28 (Embedded beam row)	17608	2	12,300	-8,103	-5,705	-1,399	5,874
(palo 1500)	17609	3	12,300	-8,332	-5,689	-1,398	5,859
	17610	4	12,300	-8,561	-5,672	-1,397	5,842
	17611	5	12,300	-8,790	-5,654	-1,396	5,824
EmbeddedBeamRow_2_1	17611	1	12,300	-8,790	-5,654	-1,396	5,824
Element 2-29 (Embedded beam row)	17612	2	12,300	-9,040	-5,632	-1,394	5,802
(palo 1500)	17613	3	12,300	-9,290	-5,609	-1,393	5,779
	17614	4	12,300	-9,540	-5,584	-1,392	5,755
	17615	5	12,300	-9,790	-5,558	-1,390	5,729
EmbeddedBeamRow_2_1	17615	1	12,300	-9,790	-5,558	-1,390	5,729
Element 2-30 (Embedded beam row)	17616	2	12,300	-10,040	-5,530	-1,389	5,702
(palo 1500)	17617	3	12,300	-10,290	-5,502	-1,387	5,674
	17618	4	12,300	-10,540	-5,472	-1,386	5,645
	17619	5	12,300	-10,790	-5,441	-1,384	5,614
EmbeddedBeamRow_2_1	17619	1	12,300	-10,790	-5,441	-1,384	5,614
Element 2-31 (Embedded beam row)	17620	2	12,300	-11,040	-5,410	-1,382	5,583
(palo 1500)	17621	3	12,300	-11,290	-5,377	-1,381	5,552

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	17622	4	12,300	-11,540	-5,344	-1,379	5,519
	17623	5	12,300	-11,790	-5,310	-1,377	5,486
EmbeddedBeamRow_2_1	17623	1	12,300	-11,790	-5,310	-1,377	5,486
Element 2-32 (Embedded beam row)	17624	2	12,300	-12,040	-5,275	-1,375	5,452
(palo 1500)	17625	3	12,300	-12,290	-5,240	-1,373	5,417
	17626	4	12,300	-12,540	-5,204	-1,371	5,382
	17627	5	12,300	-12,790	-5,168	-1,370	5,346
EmbeddedBeamRow_2_1	17627	1	12,300	-12,790	-5,168	-1,370	5,346
Element 2-33 (Embedded beam row)	17628	2	12,300	-13,040	-5,131	-1,368	5,310
(palo 1500)	17629	3	12,300	-13,290	-5,094	-1,365	5,274
	17630	4	12,300	-13,540	-5,057	-1,363	5,237
	17631	5	12,300	-13,790	-5,019	-1,361	5,200
EmbeddedBeamRow_2_1	17631	1	12,300	-13,790	-5,019	-1,361	5,200
Element 2-34 (Embedded beam row)	17632	2	12,300	-14,045	-4,980	-1,359	5,162
(palo 1500)	17633	3	12,300	-14,301	-4,940	-1,357	5,123
	17634	4	12,300	-14,556	-4,901	-1,355	5,085
	17635	5	12,300	-14,811	-4,861	-1,352	5,046
EmbeddedBeamRow_2_1	17635	1	12,300	-14,811	-4,861	-1,352	5,046
Element 2-35 (Embedded beam row)	17636	2	12,300	-15,074	-4,820	-1,350	5,005
(palo 1500)	17637	3	12,300	-15,336	-4,778	-1,347	4,965
	17638	4	12,300	-15,598	-4,737	-1,345	4,924
	17639	5	12,300	-15,860	-4,695	-1,342	4,883
EmbeddedBeamRow_2_1	17639	1	12,300	-15,860	-4,695	-1,342	4,883
Element 2-36 (Embedded beam row)	17640	2	12,300	-16,129	-4,652	-1,340	4,841
(palo 1500)	17641	3	12,300	-16,398	-4,608	-1,337	4,798
	17642	4	12,300	-16,667	-4,564	-1,334	4,755

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	17643	5	12,300	-16,936	-4,520	-1,332	4,712
EmbeddedBeamRow_2_1	17643	1	12,300	-16,936	-4,520	-1,332	4,712
Element 2-37 (Embedded beam row)	17644	2	12,300	-17,212	-4,475	-1,329	4,668
(palo 1500)	17645	3	12,300	-17,488	-4,429	-1,326	4,623
	17646	4	12,300	-17,765	-4,383	-1,323	4,578
	17647	5	12,300	-18,041	-4,336	-1,320	4,533
EmbeddedBeamRow_2_1	17647	1	12,300	-18,041	-4,336	-1,320	4,533
Element 2-38 (Embedded beam row)	17648	2	12,300	-18,324	-4,288	-1,317	4,486
(palo 1500)	17649	3	12,300	-18,608	-4,240	-1,314	4,439
	17650	4	12,300	-18,891	-4,191	-1,311	4,391
	17651	5	12,300	-19,175	-4,141	-1,308	4,343
EmbeddedBeamRow_2_1	17651	1	12,300	-19,175	-4,141	-1,308	4,343
Element 2-39 (Embedded beam row)	17652	2	12,300	-19,466	-4,090	-1,305	4,293
(palo 1500)	17653	3	12,300	-19,757	-4,039	-1,302	4,243
	17654	4	12,300	-20,048	-3,987	-1,299	4,193
	17655	5	12,300	-20,339	-3,934	-1,295	4,142
EmbeddedBeamRow_2_1	17655	1	12,300	-20,339	-3,934	-1,295	4,142
Element 2-40 (Embedded beam row)	17656	2	12,300	-20,638	-3,879	-1,292	4,089
(palo 1500)	17657	3	12,300	-20,936	-3,824	-1,289	4,035
	17658	4	12,300	-21,235	-3,768	-1,286	3,981
	17659	5	12,300	-21,534	-3,711	-1,283	3,927
EmbeddedBeamRow_2_1	17659	1	12,300	-21,534	-3,711	-1,283	3,927
Element 2-41 (Embedded beam row)	17660	2	12,300	-21,840	-3,652	-1,279	3,870
(palo 1500)	17661	3	12,300	-22,147	-3,593	-1,276	3,813
	17662	4	12,300	-22,454	-3,533	-1,273	3,755
	17663	5	12,300	-22,760	-3,472	-1,269	3,696

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
EmbeddedBeamRow_2_1	17663	1	12,300	-22,760	-3,472	-1,269	3,696
Element 2-42 (Embedded beam row)	17664	2	12,300	-23,075	-3,408	-1,266	3,636
(palo 1500)	17665	3	12,300	-23,390	-3,344	-1,263	3,574
	17666	4	12,300	-23,705	-3,279	-1,260	3,513
	17667	5	12,300	-24,019	-3,213	-1,256	3,450
EmbeddedBeamRow_2_1	17667	1	12,300	-24,019	-3,213	-1,256	3,450
Element 2-43 (Embedded beam row)	17668	2	12,300	-24,342	-3,145	-1,253	3,385
(palo 1500)	17669	3	12,300	-24,665	-3,076	-1,250	3,320
	17670	4	12,300	-24,989	-3,006	-1,247	3,254
	17671	5	12,300	-25,312	-2,935	-1,244	3,188
EmbeddedBeamRow_2_1	17671	1	12,300	-25,312	-2,935	-1,244	3,188
Element 2-44 (Embedded beam row)	17672	2	12,300	-25,643	-2,862	-1,241	3,119
(palo 1500)	17673	3	12,300	-25,975	-2,788	-1,238	3,050
	17674	4	12,300	-26,307	-2,713	-1,235	2,981
	17675	5	12,300	-26,638	-2,638	-1,232	2,911
EmbeddedBeamRow_2_1	17675	1	12,300	-26,638	-2,638	-1,232	2,911
Element 2-45 (Embedded beam row)	17676	2	12,300	-26,979	-2,560	-1,229	2,840
(palo 1500)	17677	3	12,300	-27,319	-2,482	-1,226	2,768
	17678	4	12,300	-27,660	-2,403	-1,223	2,696
	17679	5	12,300	-28,000	-2,323	-1,220	2,624
EmbeddedBeamRow_2_1	17679	1	12,300	-28,000	-2,323	-1,220	2,624
Element 2-46 (Embedded beam row)	17680	2	12,300	-28,673	-2,166	-1,215	2,483
(palo 1500)	17681	3	12,300	-29,345	-2,007	-1,211	2,344
	17682	4	12,300	-30,018	-1,848	-1,206	2,207
	17683	5	12,300	-30,690	-1,690	-1,202	2,074

3.3.1.1.1.11 Calculation results, Embedded beam row, Versante + SISMA [Phase_12] (11/41), Table of total displacements

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
EmbeddedBeamRow_1_1	17498	1	4,500	-6,690	-5,560	-1,277	5,705
Element 1-1 (Embedded beam row)	17499	2	4,500	-6,693	-5,560	-1,277	5,705
(palo 1500)	17500	3	4,500	-6,695	-5,561	-1,277	5,705
	17501	4	4,500	-6,698	-5,561	-1,277	5,705
	17502	5	4,500	-6,701	-5,561	-1,277	5,706
EmbeddedBeamRow_1_1	17502	1	4,500	-6,701	-5,561	-1,277	5,706
Element 1-2 (Embedded beam row)	17503	2	4,500	-6,766	-5,563	-1,277	5,708
(palo 1500)	17504	3	4,500	-6,832	-5,566	-1,276	5,710
	17505	4	4,500	-6,897	-5,568	-1,276	5,713
	17506	5	4,500	-6,963	-5,571	-1,275	5,715
EmbeddedBeamRow_1_1	17506	1	4,500	-6,963	-5,571	-1,275	5,715
Element 1-3 (Embedded beam row)	17507	2	4,500	-7,040	-5,574	-1,275	5,718
(palo 1500)	17508	3	4,500	-7,118	-5,577	-1,274	5,721
	17509	4	4,500	-7,195	-5,580	-1,273	5,724
	17510	5	4,500	-7,272	-5,583	-1,273	5,727
EmbeddedBeamRow_1_1	17510	1	4,500	-7,272	-5,583	-1,273	5,727
Element 1-4 (Embedded beam row)	17511	2	4,500	-7,364	-5,587	-1,272	5,730
(palo 1500)	17512	3	4,500	-7,455	-5,591	-1,272	5,734
	17513	4	4,500	-7,546	-5,595	-1,271	5,737
	17514	5	4,500	-7,638	-5,598	-1,270	5,741
EmbeddedBeamRow_1_1	17514	1	4,500	-7,638	-5,598	-1,270	5,741
Element 1-5 (Embedded beam row)	17515	2	4,500	-7,745	-5,603	-1,269	5,745
(palo 1500)	17516	3	4,500	-7,853	-5,607	-1,268	5,749

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	17517	4	4,500	-7,961	-5,611	-1,268	5,753
	17518	5	4,500	-8,068	-5,616	-1,267	5,757
EmbeddedBeamRow_1_1	17518	1	4,500	-8,068	-5,616	-1,267	5,757
Element 1-6 (Embedded beam row)	17519	2	4,500	-8,195	-5,621	-1,266	5,761
(palo 1500)	17520	3	4,500	-8,322	-5,625	-1,265	5,766
	17521	4	4,500	-8,449	-5,630	-1,264	5,770
	17522	5	4,500	-8,576	-5,635	-1,263	5,775
EmbeddedBeamRow_1_1	17522	1	4,500	-8,576	-5,635	-1,263	5,775
Element 1-7 (Embedded beam row)	17523	2	4,500	-8,726	-5,640	-1,261	5,780
(palo 1500)	17524	3	4,500	-8,876	-5,646	-1,260	5,785
	17525	4	4,500	-9,026	-5,651	-1,259	5,789
	17526	5	4,500	-9,176	-5,656	-1,257	5,794
EmbeddedBeamRow_1_1	17526	1	4,500	-9,176	-5,656	-1,257	5,794
Element 1-8 (Embedded beam row)	17527	2	4,500	-9,352	-5,661	-1,256	5,799
(palo 1500)	17528	3	4,500	-9,529	-5,666	-1,254	5,803
	17529	4	4,500	-9,706	-5,670	-1,253	5,807
	17530	5	4,500	-9,883	-5,675	-1,251	5,811
EmbeddedBeamRow_1_1	17530	1	4,500	-9,883	-5,675	-1,251	5,811
Element 1-9 (Embedded beam row)	17531	2	4,500	-10,091	-5,679	-1,249	5,815
(palo 1500)	17532	3	4,500	-10,300	-5,682	-1,247	5,818
	17533	4	4,500	-10,508	-5,685	-1,245	5,820
	17534	5	4,500	-10,717	-5,687	-1,243	5,821
EmbeddedBeamRow_1_1	17534	1	4,500	-10,717	-5,687	-1,243	5,821
Element 1-10 (Embedded beam row)	17535	2	4,500	-10,963	-5,688	-1,241	5,822
(palo 1500)	17536	3	4,500	-11,209	-5,688	-1,238	5,821
	17537	4	4,500	-11,455	-5,687	-1,236	5,820

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	17538	5	4,500	-11,701	-5,684	-1,233	5,817
EmbeddedBeamRow_1_1	17538	1	4,500	-11,701	-5,684	-1,233	5,817
Element 1-11 (Embedded beam row)	17539	2	4,500	-11,952	-5,680	-1,231	5,812
(palo 1500)	17540	3	4,500	-12,203	-5,674	-1,228	5,806
	17541	4	4,500	-12,454	-5,667	-1,226	5,798
	17542	5	4,500	-12,705	-5,659	-1,223	5,789
EmbeddedBeamRow_1_1	17542	1	4,500	-12,705	-5,659	-1,223	5,789
Element 1-12 (Embedded beam row)	17543	2	4,500	-12,962	-5,648	-1,220	5,778
(palo 1500)	17544	3	4,500	-13,218	-5,636	-1,217	5,766
	17545	4	4,500	-13,475	-5,622	-1,214	5,752
	17546	5	4,500	-13,732	-5,607	-1,212	5,736
EmbeddedBeamRow_1_1	17546	1	4,500	-13,732	-5,607	-1,212	5,736
Element 1-13 (Embedded beam row)	17547	2	4,500	-13,994	-5,589	-1,209	5,718
(palo 1500)	17548	3	4,500	-14,257	-5,570	-1,206	5,699
	17549	4	4,500	-14,519	-5,549	-1,203	5,678
	17550	5	4,500	-14,781	-5,526	-1,200	5,655
EmbeddedBeamRow_1_1	17550	1	4,500	-14,781	-5,526	-1,200	5,655
Element 1-14 (Embedded beam row)	17551	2	4,500	-15,050	-5,502	-1,197	5,630
(palo 1500)	17552	3	4,500	-15,318	-5,475	-1,194	5,604
	17553	4	4,500	-15,586	-5,448	-1,191	5,576
	17554	5	4,500	-15,855	-5,418	-1,188	5,547
EmbeddedBeamRow_1_1	17554	1	4,500	-15,855	-5,418	-1,188	5,547
Element 1-15 (Embedded beam row)	17555	2	4,500	-16,129	-5,387	-1,185	5,515
(palo 1500)	17556	3	4,500	-16,403	-5,354	-1,181	5,482
	17557	4	4,500	-16,678	-5,319	-1,178	5,448
	17558	5	4,500	-16,952	-5,283	-1,175	5,412

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
EmbeddedBeamRow_1_1	17558	1	4,500	-16,952	-5,283	-1,175	5,412
Element 1-16 (Embedded beam row)	17559	2	4,500	-17,232	-5,245	-1,172	5,374
(palo 1500)	17560	3	4,500	-17,513	-5,205	-1,169	5,335
	17561	4	4,500	-17,793	-5,165	-1,165	5,295
	17562	5	4,500	-18,074	-5,123	-1,162	5,253
EmbeddedBeamRow_1_1	17562	1	4,500	-18,074	-5,123	-1,162	5,253
Element 1-17 (Embedded beam row)	17563	2	4,500	-18,360	-5,079	-1,159	5,209
(palo 1500)	17564	3	4,500	-18,647	-5,033	-1,156	5,164
	17565	4	4,500	-18,934	-4,987	-1,152	5,118
	17566	5	4,500	-19,221	-4,939	-1,149	5,071
EmbeddedBeamRow_1_1	17566	1	4,500	-19,221	-4,939	-1,149	5,071
Element 1-18 (Embedded beam row)	17567	2	4,500	-19,514	-4,889	-1,146	5,022
(palo 1500)	17568	3	4,500	-19,807	-4,838	-1,143	4,971
	17569	4	4,500	-20,100	-4,786	-1,139	4,920
	17570	5	4,500	-20,393	-4,733	-1,136	4,867
EmbeddedBeamRow_1_1	17570	1	4,500	-20,393	-4,733	-1,136	4,867
Element 1-19 (Embedded beam row)	17571	2	4,500	-20,693	-4,678	-1,133	4,813
(palo 1500)	17572	3	4,500	-20,992	-4,621	-1,130	4,757
	17573	4	4,500	-21,292	-4,564	-1,126	4,701
	17574	5	4,500	-21,592	-4,505	-1,123	4,643
EmbeddedBeamRow_1_1	17574	1	4,500	-21,592	-4,505	-1,123	4,643
Element 1-20 (Embedded beam row)	17575	2	4,500	-21,898	-4,445	-1,120	4,584
(palo 1500)	17576	3	4,500	-22,205	-4,383	-1,117	4,523
	17577	4	4,500	-22,511	-4,320	-1,114	4,461
	17578	5	4,500	-22,817	-4,256	-1,110	4,398
EmbeddedBeamRow_1_1	17578	1	4,500	-22,817	-4,256	-1,110	4,398

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
Element 1-21 (Embedded beam row)	17579	2	4,500	-23,131	-4,189	-1,107	4,333
(palo 1500)	17580	3	4,500	-23,444	-4,122	-1,104	4,267
	17581	4	4,500	-23,757	-4,053	-1,101	4,200
	17582	5	4,500	-24,070	-3,984	-1,098	4,132
EmbeddedBeamRow_1_1	17582	1	4,500	-24,070	-3,984	-1,098	4,132
Element 1-22 (Embedded beam row)	17583	2	4,500	-24,391	-3,911	-1,095	4,062
(palo 1500)	17584	3	4,500	-24,711	-3,838	-1,092	3,990
	17585	4	4,500	-25,031	-3,764	-1,089	3,918
	17586	5	4,500	-25,351	-3,689	-1,086	3,845
EmbeddedBeamRow_1_1	17586	1	4,500	-25,351	-3,689	-1,086	3,845
Element 1-23 (Embedded beam row)	17587	2	4,500	-25,679	-3,611	-1,083	3,770
(palo 1500)	17588	3	4,500	-26,006	-3,532	-1,080	3,693
	17589	4	4,500	-26,334	-3,452	-1,077	3,616
	17590	5	4,500	-26,661	-3,372	-1,075	3,539
EmbeddedBeamRow_1_1	17590	1	4,500	-26,661	-3,372	-1,075	3,539
Element 1-24 (Embedded beam row)	17591	2	4,500	-26,996	-3,289	-1,072	3,459
(palo 1500)	17592	3	4,500	-27,331	-3,205	-1,069	3,379
	17593	4	4,500	-27,665	-3,120	-1,067	3,298
	17594	5	4,500	-28,000	-3,036	-1,064	3,217
EmbeddedBeamRow_1_1	17594	1	4,500	-28,000	-3,036	-1,064	3,217
Element 1-25 (Embedded beam row)	17595	2	4,500	-28,673	-2,864	-1,060	3,053
(palo 1500)	17596	3	4,500	-29,345	-2,691	-1,055	2,890
	17597	4	4,500	-30,018	-2,517	-1,051	2,728
	17598	5	4,500	-30,690	-2,344	-1,048	2,567
EmbeddedBeamRow_2_1	17599	1	12,300	-6,690	-5,559	-1,407	5,734
Element 2-26 (Embedded beam row)	17600	2	12,300	-6,816	-5,558	-1,407	5,733

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
(palo 1500)	17601	3	12,300	-6,942	-5,556	-1,406	5,731
	17602	4	12,300	-7,068	-5,553	-1,405	5,728
	17603	5	12,300	-7,194	-5,550	-1,405	5,725
EmbeddedBeamRow_2_1	17603	1	12,300	-7,194	-5,550	-1,405	5,725
Element 2-27 (Embedded beam row)	17604	2	12,300	-7,364	-5,545	-1,404	5,720
(palo 1500)	17605	3	12,300	-7,534	-5,538	-1,403	5,713
	17606	4	12,300	-7,704	-5,531	-1,402	5,706
	17607	5	12,300	-7,874	-5,523	-1,402	5,698
EmbeddedBeamRow_2_1	17607	1	12,300	-7,874	-5,523	-1,402	5,698
Element 2-28 (Embedded beam row)	17608	2	12,300	-8,103	-5,511	-1,401	5,686
(palo 1500)	17609	3	12,300	-8,332	-5,497	-1,400	5,673
	17610	4	12,300	-8,561	-5,482	-1,398	5,657
	17611	5	12,300	-8,790	-5,465	-1,397	5,641
EmbeddedBeamRow_2_1	17611	1	12,300	-8,790	-5,465	-1,397	5,641
Element 2-29 (Embedded beam row)	17612	2	12,300	-9,040	-5,446	-1,396	5,622
(palo 1500)	17613	3	12,300	-9,290	-5,425	-1,395	5,601
	17614	4	12,300	-9,540	-5,402	-1,393	5,579
	17615	5	12,300	-9,790	-5,379	-1,392	5,556
EmbeddedBeamRow_2_1	17615	1	12,300	-9,790	-5,379	-1,392	5,556
Element 2-30 (Embedded beam row)	17616	2	12,300	-10,040	-5,354	-1,390	5,532
(palo 1500)	17617	3	12,300	-10,290	-5,328	-1,389	5,506
	17618	4	12,300	-10,540	-5,302	-1,387	5,480
	17619	5	12,300	-10,790	-5,274	-1,386	5,453
EmbeddedBeamRow_2_1	17619	1	12,300	-10,790	-5,274	-1,386	5,453
Element 2-31 (Embedded beam row)	17620	2	12,300	-11,040	-5,245	-1,384	5,425
(palo 1500)	17621	3	12,300	-11,290	-5,216	-1,382	5,396

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	17622	4	12,300	-11,540	-5,186	-1,381	5,366
	17623	5	12,300	-11,790	-5,155	-1,379	5,336
EmbeddedBeamRow_2_1	17623	1	12,300	-11,790	-5,155	-1,379	5,336
Element 2-32 (Embedded beam row)	17624	2	12,300	-12,040	-5,124	-1,377	5,305
(palo 1500)	17625	3	12,300	-12,290	-5,092	-1,375	5,274
	17626	4	12,300	-12,540	-5,059	-1,373	5,242
	17627	5	12,300	-12,790	-5,026	-1,371	5,210
EmbeddedBeamRow_2_1	17627	1	12,300	-12,790	-5,026	-1,371	5,210
Element 2-33 (Embedded beam row)	17628	2	12,300	-13,040	-4,992	-1,369	5,177
(palo 1500)	17629	3	12,300	-13,290	-4,958	-1,367	5,143
	17630	4	12,300	-13,540	-4,924	-1,365	5,110
	17631	5	12,300	-13,790	-4,889	-1,363	5,076
EmbeddedBeamRow_2_1	17631	1	12,300	-13,790	-4,889	-1,363	5,076
Element 2-34 (Embedded beam row)	17632	2	12,300	-14,045	-4,853	-1,361	5,041
(palo 1500)	17633	3	12,300	-14,301	-4,817	-1,359	5,005
	17634	4	12,300	-14,556	-4,781	-1,356	4,969
	17635	5	12,300	-14,811	-4,744	-1,354	4,933
EmbeddedBeamRow_2_1	17635	1	12,300	-14,811	-4,744	-1,354	4,933
Element 2-35 (Embedded beam row)	17636	2	12,300	-15,074	-4,706	-1,352	4,896
(palo 1500)	17637	3	12,300	-15,336	-4,667	-1,349	4,858
	17638	4	12,300	-15,598	-4,628	-1,347	4,820
	17639	5	12,300	-15,860	-4,589	-1,344	4,782
EmbeddedBeamRow_2_1	17639	1	12,300	-15,860	-4,589	-1,344	4,782
Element 2-36 (Embedded beam row)	17640	2	12,300	-16,129	-4,549	-1,342	4,743
(palo 1500)	17641	3	12,300	-16,398	-4,508	-1,339	4,703
	17642	4	12,300	-16,667	-4,467	-1,336	4,663

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	17643	5	12,300	-16,936	-4,426	-1,334	4,622
EmbeddedBeamRow_2_1	17643	1	12,300	-16,936	-4,426	-1,334	4,622
Element 2-37 (Embedded beam row)	17644	2	12,300	-17,212	-4,383	-1,331	4,580
(palo 1500)	17645	3	12,300	-17,488	-4,340	-1,328	4,538
	17646	4	12,300	-17,765	-4,296	-1,325	4,496
	17647	5	12,300	-18,041	-4,252	-1,322	4,453
EmbeddedBeamRow_2_1	17647	1	12,300	-18,041	-4,252	-1,322	4,453
Element 2-38 (Embedded beam row)	17648	2	12,300	-18,324	-4,206	-1,319	4,408
(palo 1500)	17649	3	12,300	-18,608	-4,160	-1,316	4,363
	17650	4	12,300	-18,891	-4,114	-1,313	4,318
	17651	5	12,300	-19,175	-4,066	-1,310	4,272
EmbeddedBeamRow_2_1	17651	1	12,300	-19,175	-4,066	-1,310	4,272
Element 2-39 (Embedded beam row)	17652	2	12,300	-19,466	-4,018	-1,307	4,225
(palo 1500)	17653	3	12,300	-19,757	-3,968	-1,304	4,177
	17654	4	12,300	-20,048	-3,918	-1,301	4,128
	17655	5	12,300	-20,339	-3,867	-1,297	4,079
EmbeddedBeamRow_2_1	17655	1	12,300	-20,339	-3,867	-1,297	4,079
Element 2-40 (Embedded beam row)	17656	2	12,300	-20,638	-3,815	-1,294	4,028
(palo 1500)	17657	3	12,300	-20,936	-3,761	-1,291	3,977
	17658	4	12,300	-21,235	-3,707	-1,288	3,925
	17659	5	12,300	-21,534	-3,652	-1,285	3,872
EmbeddedBeamRow_2_1	17659	1	12,300	-21,534	-3,652	-1,285	3,872
Element 2-41 (Embedded beam row)	17660	2	12,300	-21,840	-3,595	-1,281	3,817
(palo 1500)	17661	3	12,300	-22,147	-3,538	-1,278	3,762
	17662	4	12,300	-22,454	-3,479	-1,275	3,705
	17663	5	12,300	-22,760	-3,420	-1,272	3,649

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
EmbeddedBeamRow_2_1	17663	1	12,300	-22,760	-3,420	-1,272	3,649
Element 2-42 (Embedded beam row)	17664	2	12,300	-23,075	-3,358	-1,268	3,590
(palo 1500)	17665	3	12,300	-23,390	-3,296	-1,265	3,530
	17666	4	12,300	-23,705	-3,232	-1,262	3,470
	17667	5	12,300	-24,019	-3,168	-1,259	3,409
EmbeddedBeamRow_2_1	17667	1	12,300	-24,019	-3,168	-1,259	3,409
Element 2-43 (Embedded beam row)	17668	2	12,300	-24,342	-3,101	-1,255	3,346
(palo 1500)	17669	3	12,300	-24,665	-3,034	-1,252	3,282
	17670	4	12,300	-24,989	-2,965	-1,249	3,218
	17671	5	12,300	-25,312	-2,896	-1,246	3,153
EmbeddedBeamRow_2_1	17671	1	12,300	-25,312	-2,896	-1,246	3,153
Element 2-44 (Embedded beam row)	17672	2	12,300	-25,643	-2,824	-1,243	3,086
(palo 1500)	17673	3	12,300	-25,975	-2,752	-1,240	3,018
	17674	4	12,300	-26,307	-2,679	-1,237	2,950
	17675	5	12,300	-26,638	-2,605	-1,234	2,882
EmbeddedBeamRow_2_1	17675	1	12,300	-26,638	-2,605	-1,234	2,882
Element 2-45 (Embedded beam row)	17676	2	12,300	-26,979	-2,529	-1,231	2,812
(palo 1500)	17677	3	12,300	-27,319	-2,452	-1,228	2,742
	17678	4	12,300	-27,660	-2,374	-1,225	2,672
	17679	5	12,300	-28,000	-2,296	-1,222	2,601
EmbeddedBeamRow_2_1	17679	1	12,300	-28,000	-2,296	-1,222	2,601
Element 2-46 (Embedded beam row)	17680	2	12,300	-28,673	-2,142	-1,217	2,463
(palo 1500)	17681	3	12,300	-29,345	-1,986	-1,213	2,327
	17682	4	12,300	-30,018	-1,830	-1,208	2,193
	17683	5	12,300	-30,690	-1,674	-1,204	2,062

3.3.1.2.1.9 Calculation results, Embedded beam row, plinto + pali [Phase_8] (8/31), Table of relative total displacements

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
EmbeddedBeamRow_1_1	17498	1	4,500	-6,690	0,000	0,000	0,000
Element 1-1 (Embedded beam row)	17499	2	4,500	-6,693	3,946	0,000	0,000
(palo 1500)	17500	3	4,500	-6,695	6,675	0,000	0,000
	17501	4	4,500	-6,698	8,245	0,000	0,000
	17502	5	4,500	-6,701	8,697	0,000	0,000
EmbeddedBeamRow_1_1	17502	1	4,500	-6,701	8,697	0,000	0,000
Element 1-2 (Embedded beam row)	17503	2	4,500	-6,766	34,414	0,000	0,000
(palo 1500)	17504	3	4,500	-6,832	49,037	0,000	0,000
	17505	4	4,500	-6,897	60,556	0,000	0,000
	17506	5	4,500	-6,963	68,640	0,000	0,000
EmbeddedBeamRow_1_1	17506	1	4,500	-6,963	68,640	0,000	0,000
Element 1-3 (Embedded beam row)	17507	2	4,500	-7,040	76,835	0,000	0,000
(palo 1500)	17508	3	4,500	-7,118	83,604	0,000	0,000
	17509	4	4,500	-7,195	89,298	0,000	0,000
	17510	5	4,500	-7,272	94,334	0,000	0,000
EmbeddedBeamRow_1_1	17510	1	4,500	-7,272	94,334	0,000	0,000
Element 1-4 (Embedded beam row)	17511	2	4,500	-7,364	99,323	0,000	0,000
(palo 1500)	17512	3	4,500	-7,455	103,537	0,000	0,000
	17513	4	4,500	-7,546	107,099	0,000	0,000
	17514	5	4,500	-7,638	110,098	0,000	0,000
EmbeddedBeamRow_1_1	17514	1	4,500	-7,638	110,098	0,000	0,000
Element 1-5 (Embedded beam row)	17515	2	4,500	-7,745	113,033	0,000	0,000
(palo 1500)	17516	3	4,500	-7,853	115,369	0,000	0,000

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
	17517	4	4,500	-7,961	117,172	0,000	0,000
	17518	5	4,500	-8,068	118,522	0,000	0,000
EmbeddedBeamRow_1_1	17518	1	4,500	-8,068	118,522	0,000	0,000
Element 1-6 (Embedded beam row)	17519	2	4,500	-8,195	119,589	0,000	0,000
(palo 1500)	17520	3	4,500	-8,322	120,146	0,000	0,000
	17521	4	4,500	-8,449	120,241	0,000	0,000
	17522	5	4,500	-8,576	119,943	0,000	0,000
EmbeddedBeamRow_1_1	17522	1	4,500	-8,576	119,943	0,000	0,000
Element 1-7 (Embedded beam row)	17523	2	4,500	-8,726	119,115	0,000	0,000
(palo 1500)	17524	3	4,500	-8,876	117,834	0,000	0,000
	17525	4	4,500	-9,026	116,145	0,000	0,000
	17526	5	4,500	-9,176	114,089	0,000	0,000
EmbeddedBeamRow_1_1	17526	1	4,500	-9,176	114,089	0,000	0,000
Element 1-8 (Embedded beam row)	17527	2	4,500	-9,352	111,241	0,000	0,000
(palo 1500)	17528	3	4,500	-9,529	107,982	0,000	0,000
	17529	4	4,500	-9,706	104,357	0,000	0,000
	17530	5	4,500	-9,883	100,405	0,000	0,000
EmbeddedBeamRow_1_1	17530	1	4,500	-9,883	100,405	0,000	0,000
Element 1-9 (Embedded beam row)	17531	2	4,500	-10,091	95,366	0,000	0,000
(palo 1500)	17532	3	4,500	-10,300	89,965	0,000	0,000
	17533	4	4,500	-10,508	84,248	0,000	0,000
	17534	5	4,500	-10,717	78,273	0,000	0,000
EmbeddedBeamRow_1_1	17534	1	4,500	-10,717	78,273	0,000	0,000
Element 1-10 (Embedded beam row)	17535	2	4,500	-10,963	70,892	0,000	0,000
(palo 1500)	17536	3	4,500	-11,209	63,323	0,000	0,000
	17537	4	4,500	-11,455	55,549	0,000	0,000

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
	17538	5	4,500	-11,701	47,884	0,000	0,000
EmbeddedBeamRow_1_1	17538	1	4,500	-11,701	47,884	0,000	0,000
Element 1-11 (Embedded beam row)	17539	2	4,500	-11,952	45,039	0,000	0,000
(palo 1500)	17540	3	4,500	-12,203	41,473	0,000	0,000
	17541	4	4,500	-12,454	37,733	0,000	0,000
	17542	5	4,500	-12,705	33,993	0,000	0,000
EmbeddedBeamRow_1_1	17542	1	4,500	-12,705	33,993	0,000	0,000
Element 1-12 (Embedded beam row)	17543	2	4,500	-12,962	30,247	0,000	0,000
(palo 1500)	17544	3	4,500	-13,218	26,577	0,000	0,000
	17545	4	4,500	-13,475	23,014	0,000	0,000
	17546	5	4,500	-13,732	19,567	0,000	0,000
EmbeddedBeamRow_1_1	17546	1	4,500	-13,732	19,567	0,000	0,000
Element 1-13 (Embedded beam row)	17547	2	4,500	-13,994	16,159	0,000	0,000
(palo 1500)	17548	3	4,500	-14,257	12,866	0,000	0,000
	17549	4	4,500	-14,519	9,682	0,000	0,000
	17550	5	4,500	-14,781	6,593	0,000	0,000
EmbeddedBeamRow_1_1	17550	1	4,500	-14,781	6,593	0,000	0,000
Element 1-14 (Embedded beam row)	17551	2	4,500	-15,050	3,521	0,000	0,000
(palo 1500)	17552	3	4,500	-15,318	0,520	0,000	0,000
	17553	4	4,500	-15,586	-2,422	0,000	0,000
	17554	5	4,500	-15,855	-5,319	0,000	0,000
EmbeddedBeamRow_1_1	17554	1	4,500	-15,855	-5,319	0,000	0,000
Element 1-15 (Embedded beam row)	17555	2	4,500	-16,129	-8,235	0,000	0,000
(palo 1500)	17556	3	4,500	-16,403	-11,106	0,000	0,000
	17557	4	4,500	-16,678	-13,888	0,000	0,000
	17558	5	4,500	-16,952	-16,482	0,000	0,000

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
EmbeddedBeamRow_1_1	17558	1	4,500	-16,952	-16,482	0,000	0,000
Element 1-16 (Embedded beam row)	17559	2	4,500	-17,232	-18,813	0,000	0,000
(palo 1500)	17560	3	4,500	-17,513	-20,856	0,000	0,000
	17561	4	4,500	-17,793	-22,630	0,000	0,000
	17562	5	4,500	-18,074	-24,147	0,000	0,000
EmbeddedBeamRow_1_1	17562	1	4,500	-18,074	-24,147	0,000	0,000
Element 1-17 (Embedded beam row)	17563	2	4,500	-18,360	-25,427	0,000	0,000
(palo 1500)	17564	3	4,500	-18,647	-26,424	0,000	0,000
	17565	4	4,500	-18,934	-27,122	0,000	0,000
	17566	5	4,500	-19,221	-27,521	0,000	0,000
EmbeddedBeamRow_1_1	17566	1	4,500	-19,221	-27,521	0,000	0,000
Element 1-18 (Embedded beam row)	17567	2	4,500	-19,514	-27,615	0,000	0,000
(palo 1500)	17568	3	4,500	-19,807	-27,411	0,000	0,000
	17569	4	4,500	-20,100	-26,933	0,000	0,000
	17570	5	4,500	-20,393	-26,225	0,000	0,000
EmbeddedBeamRow_1_1	17570	1	4,500	-20,393	-26,225	0,000	0,000
Element 1-19 (Embedded beam row)	17571	2	4,500	-20,693	-25,312	0,000	0,000
(palo 1500)	17572	3	4,500	-20,992	-24,259	0,000	0,000
	17573	4	4,500	-21,292	-23,110	0,000	0,000
	17574	5	4,500	-21,592	-21,897	-0,001	0,001
EmbeddedBeamRow_1_1	17574	1	4,500	-21,592	-21,897	-0,001	0,001
Element 1-20 (Embedded beam row)	17575	2	4,500	-21,898	-20,610	-0,001	0,001
(palo 1500)	17576	3	4,500	-22,205	-19,289	-0,001	0,001
	17577	4	4,500	-22,511	-17,942	-0,001	0,001
	17578	5	4,500	-22,817	-16,588	-0,001	0,001
EmbeddedBeamRow_1_1	17578	1	4,500	-22,817	-16,588	-0,001	0,001

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
Element 1-21 (Embedded beam row)	17579	2	4,500	-23,131	-15,205	-0,001	0,001
(palo 1500)	17580	3	4,500	-23,444	-13,860	-0,001	0,001
	17581	4	4,500	-23,757	-12,552	-0,001	0,001
	17582	5	4,500	-24,070	-11,278	-0,001	0,001
EmbeddedBeamRow_1_1	17582	1	4,500	-24,070	-11,278	-0,001	0,001
Element 1-22 (Embedded beam row)	17583	2	4,500	-24,391	-10,012	-0,001	0,001
(palo 1500)	17584	3	4,500	-24,711	-8,756	-0,001	0,001
	17585	4	4,500	-25,031	-7,520	-0,001	0,001
	17586	5	4,500	-25,351	-6,237	-0,001	0,001
EmbeddedBeamRow_1_1	17586	1	4,500	-25,351	-6,237	-0,001	0,001
Element 1-23 (Embedded beam row)	17587	2	4,500	-25,679	-4,941	-0,001	0,001
(palo 1500)	17588	3	4,500	-26,006	-3,508	-0,001	0,001
	17589	4	4,500	-26,334	-2,026	-0,001	0,001
	17590	5	4,500	-26,661	-0,276	-0,001	0,001
EmbeddedBeamRow_1_1	17590	1	4,500	-26,661	-0,276	-0,001	0,001
Element 1-24 (Embedded beam row)	17591	2	4,500	-26,996	1,525	-0,001	0,001
(palo 1500)	17592	3	4,500	-27,331	3,597	-0,001	0,001
	17593	4	4,500	-27,665	5,669	-0,001	0,001
	17594	5	4,500	-28,000	7,798	-0,001	0,001
EmbeddedBeamRow_1_1	17594	1	4,500	-28,000	7,798	-0,001	0,001
Element 1-25 (Embedded beam row)	17595	2	4,500	-28,673	11,481	-0,001	0,001
(palo 1500)	17596	3	4,500	-29,345	14,271	-0,001	0,001
	17597	4	4,500	-30,018	21,417	-0,001	0,001
	17598	5	4,500	-30,690	11,331	-0,001	0,001
EmbeddedBeamRow_2_1	17599	1	12,300	-6,690	0,000	0,000	0,000
Element 2-26 (Embedded beam row)	17600	2	12,300	-6,816	4,853	0,000	0,000

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
(palo 1500)	17601	3	12,300	-6,942	-7,678	0,000	0,000
	17602	4	12,300	-7,068	-18,907	0,000	0,000
	17603	5	12,300	-7,194	-27,930	0,000	0,000
EmbeddedBeamRow_2_1	17603	1	12,300	-7,194	-27,930	0,000	0,000
Element 2-27 (Embedded beam row)	17604	2	12,300	-7,364	-38,299	0,000	0,000
(palo 1500)	17605	3	12,300	-7,534	-46,364	0,000	0,000
	17606	4	12,300	-7,704	-52,265	0,000	0,000
	17607	5	12,300	-7,874	-56,301	0,000	0,000
EmbeddedBeamRow_2_1	17607	1	12,300	-7,874	-56,301	0,000	0,000
Element 2-28 (Embedded beam row)	17608	2	12,300	-8,103	-58,628	0,000	0,000
(palo 1500)	17609	3	12,300	-8,332	-57,768	0,000	0,000
	17610	4	12,300	-8,561	-53,098	0,000	0,000
	17611	5	12,300	-8,790	-43,486	0,000	0,000
EmbeddedBeamRow_2_1	17611	1	12,300	-8,790	-43,486	0,000	0,000
Element 2-29 (Embedded beam row)	17612	2	12,300	-9,040	-49,171	0,000	0,000
(palo 1500)	17613	3	12,300	-9,290	-52,359	0,000	0,000
	17614	4	12,300	-9,540	-53,668	0,000	0,000
	17615	5	12,300	-9,790	-54,023	0,000	0,000
EmbeddedBeamRow_2_1	17615	1	12,300	-9,790	-54,023	0,000	0,000
Element 2-30 (Embedded beam row)	17616	2	12,300	-10,040	-54,041	0,000	0,000
(palo 1500)	17617	3	12,300	-10,290	-53,516	0,000	0,000
	17618	4	12,300	-10,540	-52,455	0,000	0,000
	17619	5	12,300	-10,790	-50,796	0,000	0,000
EmbeddedBeamRow_2_1	17619	1	12,300	-10,790	-50,796	0,000	0,000
Element 2-31 (Embedded beam row)	17620	2	12,300	-11,040	-48,545	0,000	0,000
(palo 1500)	17621	3	12,300	-11,290	-45,722	0,000	0,000

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
	17622	4	12,300	-11,540	-42,344	0,000	0,000
	17623	5	12,300	-11,790	-38,434	0,000	0,000
EmbeddedBeamRow_2_1	17623	1	12,300	-11,790	-38,434	0,000	0,000
Element 2-32 (Embedded beam row)	17624	2	12,300	-12,040	-33,998	0,000	0,000
(palo 1500)	17625	3	12,300	-12,290	-29,050	0,000	0,000
	17626	4	12,300	-12,540	-23,602	0,000	0,000
	17627	5	12,300	-12,790	-17,680	0,000	0,000
EmbeddedBeamRow_2_1	17627	1	12,300	-12,790	-17,680	0,000	0,000
Element 2-33 (Embedded beam row)	17628	2	12,300	-13,040	-11,221	0,000	0,000
(palo 1500)	17629	3	12,300	-13,290	-4,342	0,000	0,000
	17630	4	12,300	-13,540	2,751	0,000	0,000
	17631	5	12,300	-13,790	8,502	0,000	0,000
EmbeddedBeamRow_2_1	17631	1	12,300	-13,790	8,502	0,000	0,000
Element 2-34 (Embedded beam row)	17632	2	12,300	-14,045	9,077	0,000	0,000
(palo 1500)	17633	3	12,300	-14,301	9,251	0,000	0,000
	17634	4	12,300	-14,556	9,446	0,000	0,000
	17635	5	12,300	-14,811	9,435	0,000	0,000
EmbeddedBeamRow_2_1	17635	1	12,300	-14,811	9,435	0,000	0,000
Element 2-35 (Embedded beam row)	17636	2	12,300	-15,074	9,002	0,000	0,000
(palo 1500)	17637	3	12,300	-15,336	8,430	0,000	0,000
	17638	4	12,300	-15,598	7,892	0,000	0,000
	17639	5	12,300	-15,860	7,538	0,000	0,000
EmbeddedBeamRow_2_1	17639	1	12,300	-15,860	7,538	0,000	0,000
Element 2-36 (Embedded beam row)	17640	2	12,300	-16,129	7,298	0,000	0,000
(palo 1500)	17641	3	12,300	-16,398	7,165	-0,001	0,001
	17642	4	12,300	-16,667	7,109	-0,001	0,001

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
	17643	5	12,300	-16,936	7,128	-0,001	0,001
EmbeddedBeamRow_2_1	17643	1	12,300	-16,936	7,128	-0,001	0,001
Element 2-37 (Embedded beam row)	17644	2	12,300	-17,212	7,217	-0,001	0,001
(palo 1500)	17645	3	12,300	-17,488	7,375	-0,001	0,001
	17646	4	12,300	-17,765	7,598	-0,001	0,001
	17647	5	12,300	-18,041	7,884	-0,001	0,001
EmbeddedBeamRow_2_1	17647	1	12,300	-18,041	7,884	-0,001	0,001
Element 2-38 (Embedded beam row)	17648	2	12,300	-18,324	8,244	-0,001	0,001
(palo 1500)	17649	3	12,300	-18,608	8,674	-0,001	0,001
	17650	4	12,300	-18,891	9,173	-0,001	0,001
	17651	5	12,300	-19,175	9,679	-0,001	0,001
EmbeddedBeamRow_2_1	17651	1	12,300	-19,175	9,679	-0,001	0,001
Element 2-39 (Embedded beam row)	17652	2	12,300	-19,466	10,121	-0,001	0,001
(palo 1500)	17653	3	12,300	-19,757	10,458	-0,001	0,001
	17654	4	12,300	-20,048	10,654	-0,001	0,001
	17655	5	12,300	-20,339	10,685	-0,001	0,001
EmbeddedBeamRow_2_1	17655	1	12,300	-20,339	10,685	-0,001	0,001
Element 2-40 (Embedded beam row)	17656	2	12,300	-20,638	10,513	-0,001	0,001
(palo 1500)	17657	3	12,300	-20,936	10,099	-0,001	0,001
	17658	4	12,300	-21,235	9,393	-0,001	0,001
	17659	5	12,300	-21,534	8,338	-0,001	0,001
EmbeddedBeamRow_2_1	17659	1	12,300	-21,534	8,338	-0,001	0,001
Element 2-41 (Embedded beam row)	17660	2	12,300	-21,840	6,801	-0,001	0,001
(palo 1500)	17661	3	12,300	-22,147	4,837	-0,001	0,001
	17662	4	12,300	-22,454	2,616	-0,001	0,001
	17663	5	12,300	-22,760	0,303	-0,001	0,001

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
EmbeddedBeamRow_2_1	17663	1	12,300	-22,760	0,303	-0,001	0,001
Element 2-42 (Embedded beam row)	17664	2	12,300	-23,075	-2,089	-0,001	0,001
(palo 1500)	17665	3	12,300	-23,390	-4,377	-0,001	0,001
	17666	4	12,300	-23,705	-6,556	-0,001	0,001
	17667	5	12,300	-24,019	-8,185	-0,001	0,001
EmbeddedBeamRow_2_1	17667	1	12,300	-24,019	-8,185	-0,001	0,001
Element 2-43 (Embedded beam row)	17668	2	12,300	-24,342	-9,917	-0,001	0,001
(palo 1500)	17669	3	12,300	-24,665	-11,582	-0,001	0,001
	17670	4	12,300	-24,989	-13,303	-0,001	0,001
	17671	5	12,300	-25,312	-15,071	-0,001	0,001
EmbeddedBeamRow_2_1	17671	1	12,300	-25,312	-15,071	-0,001	0,001
Element 2-44 (Embedded beam row)	17672	2	12,300	-25,643	-16,758	-0,001	0,001
(palo 1500)	17673	3	12,300	-25,975	-18,213	-0,001	0,001
	17674	4	12,300	-26,307	-19,302	-0,001	0,001
	17675	5	12,300	-26,638	-19,834	-0,001	0,001
EmbeddedBeamRow_2_1	17675	1	12,300	-26,638	-19,834	-0,001	0,001
Element 2-45 (Embedded beam row)	17676	2	12,300	-26,979	-19,745	-0,001	0,001
(palo 1500)	17677	3	12,300	-27,319	-18,504	-0,001	0,001
	17678	4	12,300	-27,660	-16,022	-0,001	0,001
	17679	5	12,300	-28,000	-11,881	-0,001	0,001
EmbeddedBeamRow_2_1	17679	1	12,300	-28,000	-11,881	-0,001	0,001
Element 2-46 (Embedded beam row)	17680	2	12,300	-28,673	-4,194	-0,001	0,001
(palo 1500)	17681	3	12,300	-29,345	9,400	-0,001	0,001
	17682	4	12,300	-30,018	32,172	-0,001	0,001
	17683	5	12,300	-30,690	69,959	-0,001	0,001

3.3.1.2.1.10 Calculation results, Embedded beam row, Versante - fase B [Phase_10] (10/38), Table of relative total displacements

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-3} m]	$\lvert u_{rel} \rvert$ [m]
EmbeddedBeamRow_1_1	17498	1	4,500	-6,690	0,000	0,000	0,000
Element 1-1 (Embedded beam row)	17499	2	4,500	-6,693	35,844	0,185	0,000
(palo 1500)	17500	3	4,500	-6,695	67,196	0,373	0,000
	17501	4	4,500	-6,698	95,530	0,565	0,001
	17502	5	4,500	-6,701	122,033	0,762	0,001
EmbeddedBeamRow_1_1	17502	1	4,500	-6,701	122,033	0,762	0,001
Element 1-2 (Embedded beam row)	17503	2	4,500	-6,766	87,274	0,783	0,001
(palo 1500)	17504	3	4,500	-6,832	72,882	0,799	0,001
	17505	4	4,500	-6,897	63,046	0,809	0,001
	17506	5	4,500	-6,963	57,050	0,818	0,001
EmbeddedBeamRow_1_1	17506	1	4,500	-6,963	57,050	0,818	0,001
Element 1-3 (Embedded beam row)	17507	2	4,500	-7,040	51,898	0,827	0,001
(palo 1500)	17508	3	4,500	-7,118	48,753	0,836	0,001
	17509	4	4,500	-7,195	47,132	0,843	0,001
	17510	5	4,500	-7,272	46,561	0,849	0,001
EmbeddedBeamRow_1_1	17510	1	4,500	-7,272	46,561	0,849	0,001
Element 1-4 (Embedded beam row)	17511	2	4,500	-7,364	47,297	0,856	0,001
(palo 1500)	17512	3	4,500	-7,455	49,243	0,861	0,001
	17513	4	4,500	-7,546	52,212	0,865	0,001
	17514	5	4,500	-7,638	56,079	0,869	0,001
EmbeddedBeamRow_1_1	17514	1	4,500	-7,638	56,079	0,869	0,001
Element 1-5 (Embedded beam row)	17515	2	4,500	-7,745	61,590	0,872	0,001
(palo 1500)	17516	3	4,500	-7,853	68,010	0,874	0,001

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-3} m]	$\lvert u_{rel} \rvert$ [m]
	17517	4	4,500	-7,961	75,197	0,874	0,001
	17518	5	4,500	-8,068	82,993	0,874	0,001
EmbeddedBeamRow_1_1	17518	1	4,500	-8,068	82,993	0,874	0,001
Element 1-6 (Embedded beam row)	17519	2	4,500	-8,195	92,814	0,872	0,001
(palo 1500)	17520	3	4,500	-8,322	103,145	0,868	0,001
	17521	4	4,500	-8,449	113,820	0,864	0,001
	17522	5	4,500	-8,576	124,679	0,857	0,001
EmbeddedBeamRow_1_1	17522	1	4,500	-8,576	124,679	0,857	0,001
Element 1-7 (Embedded beam row)	17523	2	4,500	-8,726	137,543	0,849	0,001
(palo 1500)	17524	3	4,500	-8,876	150,268	0,838	0,001
	17525	4	4,500	-9,026	162,673	0,826	0,001
	17526	5	4,500	-9,176	174,591	0,813	0,001
EmbeddedBeamRow_1_1	17526	1	4,500	-9,176	174,591	0,813	0,001
Element 1-8 (Embedded beam row)	17527	2	4,500	-9,352	187,843	0,796	0,001
(palo 1500)	17528	3	4,500	-9,529	200,048	0,777	0,001
	17529	4	4,500	-9,706	211,050	0,756	0,001
	17530	5	4,500	-9,883	220,746	0,735	0,001
EmbeddedBeamRow_1_1	17530	1	4,500	-9,883	220,746	0,735	0,001
Element 1-9 (Embedded beam row)	17531	2	4,500	-10,091	230,404	0,708	0,001
(palo 1500)	17532	3	4,500	-10,300	238,086	0,681	0,001
	17533	4	4,500	-10,508	243,773	0,652	0,001
	17534	5	4,500	-10,717	247,475	0,623	0,001
EmbeddedBeamRow_1_1	17534	1	4,500	-10,717	247,475	0,623	0,001
Element 1-10 (Embedded beam row)	17535	2	4,500	-10,963	249,515	0,589	0,001
(palo 1500)	17536	3	4,500	-11,209	248,945	0,554	0,001
	17537	4	4,500	-11,455	245,954	0,519	0,001

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-3} m]	$\lvert u_{rel} \rvert$ [m]
	17538	5	4,500	-11,701	239,421	0,483	0,001
EmbeddedBeamRow_1_1	17538	1	4,500	-11,701	239,421	0,483	0,001
Element 1-11 (Embedded beam row)	17539	2	4,500	-11,952	229,441	0,447	0,001
(palo 1500)	17540	3	4,500	-12,203	218,800	0,413	0,000
	17541	4	4,500	-12,454	207,210	0,380	0,000
	17542	5	4,500	-12,705	194,679	0,348	0,000
EmbeddedBeamRow_1_1	17542	1	4,500	-12,705	194,679	0,348	0,000
Element 1-12 (Embedded beam row)	17543	2	4,500	-12,962	180,920	0,316	0,000
(palo 1500)	17544	3	4,500	-13,218	166,541	0,286	0,000
	17545	4	4,500	-13,475	151,677	0,257	0,000
	17546	5	4,500	-13,732	136,519	0,229	0,000
EmbeddedBeamRow_1_1	17546	1	4,500	-13,732	136,519	0,229	0,000
Element 1-13 (Embedded beam row)	17547	2	4,500	-13,994	120,884	0,201	0,000
(palo 1500)	17548	3	4,500	-14,257	105,268	0,175	0,000
	17549	4	4,500	-14,519	89,801	0,149	0,000
	17550	5	4,500	-14,781	74,598	0,125	0,000
EmbeddedBeamRow_1_1	17550	1	4,500	-14,781	74,598	0,125	0,000
Element 1-14 (Embedded beam row)	17551	2	4,500	-15,050	59,435	0,101	0,000
(palo 1500)	17552	3	4,500	-15,318	44,743	0,078	0,000
	17553	4	4,500	-15,586	30,605	0,056	0,000
	17554	5	4,500	-15,855	17,086	0,035	0,000
EmbeddedBeamRow_1_1	17554	1	4,500	-15,855	17,086	0,035	0,000
Element 1-15 (Embedded beam row)	17555	2	4,500	-16,129	3,979	0,014	0,000
(palo 1500)	17556	3	4,500	-16,403	-8,352	-0,005	0,000
	17557	4	4,500	-16,678	-19,831	-0,024	0,000
	17558	5	4,500	-16,952	-30,402	-0,043	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-3} m]	$\lvert u_{rel} \rvert$ [m]
EmbeddedBeamRow_1_1	17558	1	4,500	-16,952	-30,402	-0,043	0,000
Element 1-16 (Embedded beam row)	17559	2	4,500	-17,232	-40,188	-0,060	0,000
(palo 1500)	17560	3	4,500	-17,513	-48,868	-0,077	0,000
	17561	4	4,500	-17,793	-56,340	-0,093	0,000
	17562	5	4,500	-18,074	-62,525	-0,108	0,000
EmbeddedBeamRow_1_1	17562	1	4,500	-18,074	-62,525	-0,108	0,000
Element 1-17 (Embedded beam row)	17563	2	4,500	-18,360	-67,396	-0,123	0,000
(palo 1500)	17564	3	4,500	-18,647	-70,726	-0,137	0,000
	17565	4	4,500	-18,934	-72,417	-0,151	0,000
	17566	5	4,500	-19,221	-72,430	-0,165	0,000
EmbeddedBeamRow_1_1	17566	1	4,500	-19,221	-72,430	-0,165	0,000
Element 1-18 (Embedded beam row)	17567	2	4,500	-19,514	-70,680	-0,178	0,000
(palo 1500)	17568	3	4,500	-19,807	-67,205	-0,191	0,000
	17569	4	4,500	-20,100	-62,087	-0,205	0,000
	17570	5	4,500	-20,393	-55,509	-0,219	0,000
EmbeddedBeamRow_1_1	17570	1	4,500	-20,393	-55,509	-0,219	0,000
Element 1-19 (Embedded beam row)	17571	2	4,500	-20,693	-47,490	-0,233	0,000
(palo 1500)	17572	3	4,500	-20,992	-38,453	-0,249	0,000
	17573	4	4,500	-21,292	-28,704	-0,265	0,000
	17574	5	4,500	-21,592	-18,569	-0,281	0,000
EmbeddedBeamRow_1_1	17574	1	4,500	-21,592	-18,569	-0,281	0,000
Element 1-20 (Embedded beam row)	17575	2	4,500	-21,898	-8,121	-0,299	0,000
(palo 1500)	17576	3	4,500	-22,205	2,115	-0,317	0,000
	17577	4	4,500	-22,511	11,885	-0,336	0,000
	17578	5	4,500	-22,817	20,988	-0,355	0,000
EmbeddedBeamRow_1_1	17578	1	4,500	-22,817	20,988	-0,355	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-3} m]	$\lvert u_{rel} \rvert$ [m]
Element 1-21 (Embedded beam row)	17579	2	4,500	-23,131	29,431	-0,375	0,000
(palo 1500)	17580	3	4,500	-23,444	36,883	-0,395	0,000
	17581	4	4,500	-23,757	43,245	-0,415	0,000
	17582	5	4,500	-24,070	48,470	-0,435	0,000
EmbeddedBeamRow_1_1	17582	1	4,500	-24,070	48,470	-0,435	0,000
Element 1-22 (Embedded beam row)	17583	2	4,500	-24,391	52,572	-0,455	0,000
(palo 1500)	17584	3	4,500	-24,711	55,409	-0,474	0,000
	17585	4	4,500	-25,031	56,930	-0,493	0,000
	17586	5	4,500	-25,351	57,135	-0,512	0,001
EmbeddedBeamRow_1_1	17586	1	4,500	-25,351	57,135	-0,512	0,001
Element 1-23 (Embedded beam row)	17587	2	4,500	-25,679	55,902	-0,530	0,001
(palo 1500)	17588	3	4,500	-26,006	53,208	-0,548	0,001
	17589	4	4,500	-26,334	48,945	-0,565	0,001
	17590	5	4,500	-26,661	43,097	-0,581	0,001
EmbeddedBeamRow_1_1	17590	1	4,500	-26,661	43,097	-0,581	0,001
Element 1-24 (Embedded beam row)	17591	2	4,500	-26,996	35,286	-0,597	0,001
(palo 1500)	17592	3	4,500	-27,331	25,605	-0,612	0,001
	17593	4	4,500	-27,665	13,848	-0,626	0,001
	17594	5	4,500	-28,000	-0,106	-0,638	0,001
EmbeddedBeamRow_1_1	17594	1	4,500	-28,000	-0,106	-0,638	0,001
Element 1-25 (Embedded beam row)	17595	2	4,500	-28,673	-35,932	-0,660	0,001
(palo 1500)	17596	3	4,500	-29,345	-83,913	-0,674	0,001
	17597	4	4,500	-30,018	-146,078	-0,660	0,001
	17598	5	4,500	-30,690	-233,391	-0,588	0,001
EmbeddedBeamRow_2_1	17599	1	12,300	-6,690	0,000	0,000	0,000
Element 2-26 (Embedded beam row)	17600	2	12,300	-6,816	-39,724	0,094	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-3} m]	$\lvert u_{rel} \rvert$ [m]
(palo 1500)	17601	3	12,300	-6,942	-29,473	0,151	0,000
	17602	4	12,300	-7,068	-16,274	0,191	0,000
	17603	5	12,300	-7,194	-8,903	0,228	0,000
EmbeddedBeamRow_2_1	17603	1	12,300	-7,194	-8,903	0,228	0,000
Element 2-27 (Embedded beam row)	17604	2	12,300	-7,364	-4,850	0,277	0,000
(palo 1500)	17605	3	12,300	-7,534	-7,124	0,324	0,000
	17606	4	12,300	-7,704	-16,790	0,374	0,000
	17607	5	12,300	-7,874	-33,101	0,427	0,000
EmbeddedBeamRow_2_1	17607	1	12,300	-7,874	-33,101	0,427	0,000
Element 2-28 (Embedded beam row)	17608	2	12,300	-8,103	-67,428	0,513	0,001
(palo 1500)	17609	3	12,300	-8,332	-109,302	0,613	0,001
	17610	4	12,300	-8,561	-168,712	0,776	0,001
	17611	5	12,300	-8,790	-281,030	1,166	0,001
EmbeddedBeamRow_2_1	17611	1	12,300	-8,790	-281,030	1,166	0,001
Element 2-29 (Embedded beam row)	17612	2	12,300	-9,040	-278,047	1,126	0,001
(palo 1500)	17613	3	12,300	-9,290	-271,340	1,096	0,001
	17614	4	12,300	-9,540	-264,650	1,070	0,001
	17615	5	12,300	-9,790	-256,734	1,044	0,001
EmbeddedBeamRow_2_1	17615	1	12,300	-9,790	-256,734	1,044	0,001
Element 2-30 (Embedded beam row)	17616	2	12,300	-10,040	-248,678	1,019	0,001
(palo 1500)	17617	3	12,300	-10,290	-240,312	0,994	0,001
	17618	4	12,300	-10,540	-231,759	0,970	0,001
	17619	5	12,300	-10,790	-223,119	0,946	0,001
EmbeddedBeamRow_2_1	17619	1	12,300	-10,790	-223,119	0,946	0,001
Element 2-31 (Embedded beam row)	17620	2	12,300	-11,040	-214,476	0,922	0,001
(palo 1500)	17621	3	12,300	-11,290	-205,917	0,898	0,001

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-3} m]	$\lvert u_{rel} \rvert$ [m]
	17622	4	12,300	-11,540	-197,510	0,874	0,001
	17623	5	12,300	-11,790	-189,337	0,850	0,001
EmbeddedBeamRow_2_1	17623	1	12,300	-11,790	-189,337	0,850	0,001
Element 2-32 (Embedded beam row)	17624	2	12,300	-12,040	-181,484	0,826	0,001
(palo 1500)	17625	3	12,300	-12,290	-174,040	0,802	0,001
	17626	4	12,300	-12,540	-167,094	0,777	0,001
	17627	5	12,300	-12,790	-160,755	0,753	0,001
EmbeddedBeamRow_2_1	17627	1	12,300	-12,790	-160,755	0,753	0,001
Element 2-33 (Embedded beam row)	17628	2	12,300	-13,040	-155,142	0,728	0,001
(palo 1500)	17629	3	12,300	-13,290	-150,513	0,704	0,001
	17630	4	12,300	-13,540	-146,841	0,678	0,001
	17631	5	12,300	-13,790	-145,348	0,651	0,001
EmbeddedBeamRow_2_1	17631	1	12,300	-13,790	-145,348	0,651	0,001
Element 2-34 (Embedded beam row)	17632	2	12,300	-14,045	-136,155	0,622	0,001
(palo 1500)	17633	3	12,300	-14,301	-126,303	0,594	0,001
	17634	4	12,300	-14,556	-117,006	0,566	0,001
	17635	5	12,300	-14,811	-107,904	0,539	0,001
EmbeddedBeamRow_2_1	17635	1	12,300	-14,811	-107,904	0,539	0,001
Element 2-35 (Embedded beam row)	17636	2	12,300	-15,074	-98,901	0,512	0,001
(palo 1500)	17637	3	12,300	-15,336	-90,272	0,484	0,000
	17638	4	12,300	-15,598	-82,007	0,457	0,000
	17639	5	12,300	-15,860	-74,061	0,430	0,000
EmbeddedBeamRow_2_1	17639	1	12,300	-15,860	-74,061	0,430	0,000
Element 2-36 (Embedded beam row)	17640	2	12,300	-16,129	-66,249	0,403	0,000
(palo 1500)	17641	3	12,300	-16,398	-58,776	0,375	0,000
	17642	4	12,300	-16,667	-51,636	0,348	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-3} m]	$\lvert u_{rel} \rvert$ [m]
	17643	5	12,300	-16,936	-44,812	0,321	0,000
EmbeddedBeamRow_2_1	17643	1	12,300	-16,936	-44,812	0,321	0,000
Element 2-37 (Embedded beam row)	17644	2	12,300	-17,212	-38,128	0,294	0,000
(palo 1500)	17645	3	12,300	-17,488	-31,747	0,266	0,000
	17646	4	12,300	-17,765	-25,658	0,239	0,000
	17647	5	12,300	-18,041	-19,841	0,212	0,000
EmbeddedBeamRow_2_1	17647	1	12,300	-18,041	-19,841	0,212	0,000
Element 2-38 (Embedded beam row)	17648	2	12,300	-18,324	-14,140	0,185	0,000
(palo 1500)	17649	3	12,300	-18,608	-8,695	0,157	0,000
	17650	4	12,300	-18,891	-3,494	0,130	0,000
	17651	5	12,300	-19,175	1,479	0,103	0,000
EmbeddedBeamRow_2_1	17651	1	12,300	-19,175	1,479	0,103	0,000
Element 2-39 (Embedded beam row)	17652	2	12,300	-19,466	6,356	0,076	0,000
(palo 1500)	17653	3	12,300	-19,757	11,016	0,049	0,000
	17654	4	12,300	-20,048	15,462	0,022	0,000
	17655	5	12,300	-20,339	19,702	-0,005	0,000
EmbeddedBeamRow_2_1	17655	1	12,300	-20,339	19,702	-0,005	0,000
Element 2-40 (Embedded beam row)	17656	2	12,300	-20,638	23,840	-0,033	0,000
(palo 1500)	17657	3	12,300	-20,936	27,759	-0,060	0,000
	17658	4	12,300	-21,235	31,449	-0,087	0,000
	17659	5	12,300	-21,534	34,900	-0,114	0,000
EmbeddedBeamRow_2_1	17659	1	12,300	-21,534	34,900	-0,114	0,000
Element 2-41 (Embedded beam row)	17660	2	12,300	-21,840	38,172	-0,142	0,000
(palo 1500)	17661	3	12,300	-22,147	41,185	-0,169	0,000
	17662	4	12,300	-22,454	43,903	-0,196	0,000
	17663	5	12,300	-22,760	46,311	-0,223	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-3} m]	$\lvert u_{rel} \rvert$ [m]
EmbeddedBeamRow_2_1	17663	1	12,300	-22,760	46,311	-0,223	0,000
Element 2-42 (Embedded beam row)	17664	2	12,300	-23,075	48,426	-0,251	0,000
(palo 1500)	17665	3	12,300	-23,390	50,164	-0,278	0,000
	17666	4	12,300	-23,705	51,470	-0,305	0,000
	17667	5	12,300	-24,019	52,327	-0,332	0,000
EmbeddedBeamRow_2_1	17667	1	12,300	-24,019	52,327	-0,332	0,000
Element 2-43 (Embedded beam row)	17668	2	12,300	-24,342	52,668	-0,360	0,000
(palo 1500)	17669	3	12,300	-24,665	52,390	-0,387	0,000
	17670	4	12,300	-24,989	51,412	-0,414	0,000
	17671	5	12,300	-25,312	49,681	-0,440	0,000
EmbeddedBeamRow_2_1	17671	1	12,300	-25,312	49,681	-0,440	0,000
Element 2-44 (Embedded beam row)	17672	2	12,300	-25,643	47,033	-0,467	0,000
(palo 1500)	17673	3	12,300	-25,975	43,433	-0,494	0,000
	17674	4	12,300	-26,307	38,784	-0,520	0,001
	17675	5	12,300	-26,638	33,022	-0,545	0,001
EmbeddedBeamRow_2_1	17675	1	12,300	-26,638	33,022	-0,545	0,001
Element 2-45 (Embedded beam row)	17676	2	12,300	-26,979	25,770	-0,570	0,001
(palo 1500)	17677	3	12,300	-27,319	17,169	-0,595	0,001
	17678	4	12,300	-27,660	7,018	-0,618	0,001
	17679	5	12,300	-28,000	-4,737	-0,639	0,001
EmbeddedBeamRow_2_1	17679	1	12,300	-28,000	-4,737	-0,639	0,001
Element 2-46 (Embedded beam row)	17680	2	12,300	-28,673	-33,231	-0,679	0,001
(palo 1500)	17681	3	12,300	-29,345	-69,066	-0,708	0,001
	17682	4	12,300	-30,018	-111,812	-0,708	0,001
	17683	5	12,300	-30,690	-156,594	-0,649	0,001

3.3.1.2.1.11 Calculation results, Embedded beam row, Versante + SISMA [Phase_12] (11/41), Table of relative total displacements

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-3} m]	$\lvert u_{rel} \rvert$ [m]
EmbeddedBeamRow_1_1	17498	1	4,500	-6,690	0,000	0,000	0,000
Element 1-1 (Embedded beam row)	17499	2	4,500	-6,693	33,456	0,185	0,000
(palo 1500)	17500	3	4,500	-6,695	61,056	0,374	0,000
	17501	4	4,500	-6,698	84,330	0,567	0,001
	17502	5	4,500	-6,701	104,952	0,765	0,001
EmbeddedBeamRow_1_1	17502	1	4,500	-6,701	104,952	0,765	0,001
Element 1-2 (Embedded beam row)	17503	2	4,500	-6,766	62,865	0,790	0,001
(palo 1500)	17504	3	4,500	-6,832	44,339	0,807	0,001
	17505	4	4,500	-6,897	31,388	0,818	0,001
	17506	5	4,500	-6,963	22,987	0,827	0,001
EmbeddedBeamRow_1_1	17506	1	4,500	-6,963	22,987	0,827	0,001
Element 1-3 (Embedded beam row)	17507	2	4,500	-7,040	15,544	0,838	0,001
(palo 1500)	17508	3	4,500	-7,118	10,636	0,848	0,001
	17509	4	4,500	-7,195	7,627	0,856	0,001
	17510	5	4,500	-7,272	5,984	0,864	0,001
EmbeddedBeamRow_1_1	17510	1	4,500	-7,272	5,984	0,864	0,001
Element 1-4 (Embedded beam row)	17511	2	4,500	-7,364	5,779	0,872	0,001
(palo 1500)	17512	3	4,500	-7,455	7,091	0,879	0,001
	17513	4	4,500	-7,546	9,693	0,885	0,001
	17514	5	4,500	-7,638	13,415	0,890	0,001
EmbeddedBeamRow_1_1	17514	1	4,500	-7,638	13,415	0,890	0,001
Element 1-5 (Embedded beam row)	17515	2	4,500	-7,745	19,030	0,895	0,001
(palo 1500)	17516	3	4,500	-7,853	25,810	0,898	0,001

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-3} m]	$\lvert u_{rel} \rvert$ [m]
	17517	4	4,500	-7,961	33,587	0,900	0,001
	17518	5	4,500	-8,068	42,183	0,902	0,001
EmbeddedBeamRow_1_1	17518	1	4,500	-8,068	42,183	0,902	0,001
Element 1-6 (Embedded beam row)	17519	2	4,500	-8,195	53,191	0,901	0,001
(palo 1500)	17520	3	4,500	-8,322	64,946	0,900	0,001
	17521	4	4,500	-8,449	77,257	0,897	0,001
	17522	5	4,500	-8,576	89,941	0,892	0,001
EmbeddedBeamRow_1_1	17522	1	4,500	-8,576	89,941	0,892	0,001
Element 1-7 (Embedded beam row)	17523	2	4,500	-8,726	105,171	0,885	0,001
(palo 1500)	17524	3	4,500	-8,876	120,459	0,877	0,001
	17525	4	4,500	-9,026	135,592	0,866	0,001
	17526	5	4,500	-9,176	150,372	0,854	0,001
EmbeddedBeamRow_1_1	17526	1	4,500	-9,176	150,372	0,854	0,001
Element 1-8 (Embedded beam row)	17527	2	4,500	-9,352	167,130	0,838	0,001
(palo 1500)	17528	3	4,500	-9,529	182,939	0,820	0,001
	17529	4	4,500	-9,706	197,601	0,800	0,001
	17530	5	4,500	-9,883	210,974	0,780	0,001
EmbeddedBeamRow_1_1	17530	1	4,500	-9,883	210,974	0,780	0,001
Element 1-9 (Embedded beam row)	17531	2	4,500	-10,091	224,945	0,753	0,001
(palo 1500)	17532	3	4,500	-10,300	236,868	0,726	0,001
	17533	4	4,500	-10,508	246,686	0,697	0,001
	17534	5	4,500	-10,717	254,379	0,668	0,001
EmbeddedBeamRow_1_1	17534	1	4,500	-10,717	254,379	0,668	0,001
Element 1-10 (Embedded beam row)	17535	2	4,500	-10,963	260,927	0,632	0,001
(palo 1500)	17536	3	4,500	-11,209	264,608	0,596	0,001
	17537	4	4,500	-11,455	265,608	0,560	0,001

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-3} m]	$\lvert u_{rel} \rvert$ [m]
	17538	5	4,500	-11,701	262,715	0,523	0,001
EmbeddedBeamRow_1_1	17538	1	4,500	-11,701	262,715	0,523	0,001
Element 1-11 (Embedded beam row)	17539	2	4,500	-11,952	253,170	0,485	0,001
(palo 1500)	17540	3	4,500	-12,203	242,847	0,450	0,001
	17541	4	4,500	-12,454	231,408	0,416	0,000
	17542	5	4,500	-12,705	218,842	0,383	0,000
EmbeddedBeamRow_1_1	17542	1	4,500	-12,705	218,842	0,383	0,000
Element 1-12 (Embedded beam row)	17543	2	4,500	-12,962	204,850	0,350	0,000
(palo 1500)	17544	3	4,500	-13,218	190,066	0,318	0,000
	17545	4	4,500	-13,475	174,639	0,288	0,000
	17546	5	4,500	-13,732	158,782	0,259	0,000
EmbeddedBeamRow_1_1	17546	1	4,500	-13,732	158,782	0,259	0,000
Element 1-13 (Embedded beam row)	17547	2	4,500	-13,994	142,311	0,230	0,000
(palo 1500)	17548	3	4,500	-14,257	125,760	0,203	0,000
	17549	4	4,500	-14,519	109,280	0,177	0,000
	17550	5	4,500	-14,781	93,004	0,151	0,000
EmbeddedBeamRow_1_1	17550	1	4,500	-14,781	93,004	0,151	0,000
Element 1-14 (Embedded beam row)	17551	2	4,500	-15,050	76,701	0,127	0,000
(palo 1500)	17552	3	4,500	-15,318	60,844	0,103	0,000
	17553	4	4,500	-15,586	45,531	0,080	0,000
	17554	5	4,500	-15,855	30,837	0,058	0,000
EmbeddedBeamRow_1_1	17554	1	4,500	-15,855	30,837	0,058	0,000
Element 1-15 (Embedded beam row)	17555	2	4,500	-16,129	16,543	0,037	0,000
(palo 1500)	17556	3	4,500	-16,403	3,048	0,017	0,000
	17557	4	4,500	-16,678	-9,562	-0,003	0,000
	17558	5	4,500	-16,952	-21,227	-0,022	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-3} m]	$\lvert u_{rel} \rvert$ [m]
EmbeddedBeamRow_1_1	17558	1	4,500	-16,952	-21,227	-0,022	0,000
Element 1-16 (Embedded beam row)	17559	2	4,500	-17,232	-32,084	-0,040	0,000
(palo 1500)	17560	3	4,500	-17,513	-41,785	-0,057	0,000
	17561	4	4,500	-17,793	-50,222	-0,074	0,000
	17562	5	4,500	-18,074	-57,313	-0,089	0,000
EmbeddedBeamRow_1_1	17562	1	4,500	-18,074	-57,313	-0,089	0,000
Element 1-17 (Embedded beam row)	17563	2	4,500	-18,360	-63,049	-0,105	0,000
(palo 1500)	17564	3	4,500	-18,647	-67,178	-0,119	0,000
	17565	4	4,500	-18,934	-69,602	-0,134	0,000
	17566	5	4,500	-19,221	-70,283	-0,147	0,000
EmbeddedBeamRow_1_1	17566	1	4,500	-19,221	-70,283	-0,147	0,000
Element 1-18 (Embedded beam row)	17567	2	4,500	-19,514	-69,148	-0,161	0,000
(palo 1500)	17568	3	4,500	-19,807	-66,221	-0,175	0,000
	17569	4	4,500	-20,100	-61,587	-0,189	0,000
	17570	5	4,500	-20,393	-55,431	-0,203	0,000
EmbeddedBeamRow_1_1	17570	1	4,500	-20,393	-55,431	-0,203	0,000
Element 1-19 (Embedded beam row)	17571	2	4,500	-20,693	-47,779	-0,218	0,000
(palo 1500)	17572	3	4,500	-20,992	-39,050	-0,234	0,000
	17573	4	4,500	-21,292	-29,551	-0,250	0,000
	17574	5	4,500	-21,592	-19,613	-0,268	0,000
EmbeddedBeamRow_1_1	17574	1	4,500	-21,592	-19,613	-0,268	0,000
Element 1-20 (Embedded beam row)	17575	2	4,500	-21,898	-9,313	-0,286	0,000
(palo 1500)	17576	3	4,500	-22,205	0,823	-0,305	0,000
	17577	4	4,500	-22,511	10,535	-0,324	0,000
	17578	5	4,500	-22,817	19,617	-0,344	0,000
EmbeddedBeamRow_1_1	17578	1	4,500	-22,817	19,617	-0,344	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-3} m]	$\lvert u_{rel} \rvert$ [m]
Element 1-21 (Embedded beam row)	17579	2	4,500	-23,131	28,070	-0,364	0,000
(palo 1500)	17580	3	4,500	-23,444	35,559	-0,384	0,000
	17581	4	4,500	-23,757	41,978	-0,405	0,000
	17582	5	4,500	-24,070	47,273	-0,425	0,000
EmbeddedBeamRow_1_1	17582	1	4,500	-24,070	47,273	-0,425	0,000
Element 1-22 (Embedded beam row)	17583	2	4,500	-24,391	51,454	-0,446	0,000
(palo 1500)	17584	3	4,500	-24,711	54,371	-0,466	0,000
	17585	4	4,500	-25,031	55,969	-0,486	0,000
	17586	5	4,500	-25,351	56,241	-0,505	0,001
EmbeddedBeamRow_1_1	17586	1	4,500	-25,351	56,241	-0,505	0,001
Element 1-23 (Embedded beam row)	17587	2	4,500	-25,679	55,063	-0,524	0,001
(palo 1500)	17588	3	4,500	-26,006	52,405	-0,542	0,001
	17589	4	4,500	-26,334	48,154	-0,560	0,001
	17590	5	4,500	-26,661	42,291	-0,577	0,001
EmbeddedBeamRow_1_1	17590	1	4,500	-26,661	42,291	-0,577	0,001
Element 1-24 (Embedded beam row)	17591	2	4,500	-26,996	34,434	-0,594	0,001
(palo 1500)	17592	3	4,500	-27,331	24,671	-0,610	0,001
	17593	4	4,500	-27,665	12,793	-0,625	0,001
	17594	5	4,500	-28,000	-1,322	-0,637	0,001
EmbeddedBeamRow_1_1	17594	1	4,500	-28,000	-1,322	-0,637	0,001
Element 1-25 (Embedded beam row)	17595	2	4,500	-28,673	-37,610	-0,661	0,001
(palo 1500)	17596	3	4,500	-29,345	-86,251	-0,676	0,001
	17597	4	4,500	-30,018	-149,305	-0,663	0,001
	17598	5	4,500	-30,690	-237,825	-0,591	0,001
EmbeddedBeamRow_2_1	17599	1	12,300	-6,690	0,000	0,000	0,000
Element 2-26 (Embedded beam row)	17600	2	12,300	-6,816	-32,418	0,092	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-3} m]	$\lvert u_{rel} \rvert$ [m]
(palo 1500)	17601	3	12,300	-6,942	-19,097	0,147	0,000
	17602	4	12,300	-7,068	-3,641	0,186	0,000
	17603	5	12,300	-7,194	5,731	0,222	0,000
EmbeddedBeamRow_2_1	17603	1	12,300	-7,194	5,731	0,222	0,000
Element 2-27 (Embedded beam row)	17604	2	12,300	-7,364	12,045	0,269	0,000
(palo 1500)	17605	3	12,300	-7,534	11,716	0,315	0,000
	17606	4	12,300	-7,704	3,761	0,363	0,000
	17607	5	12,300	-7,874	-10,989	0,415	0,000
EmbeddedBeamRow_2_1	17607	1	12,300	-7,874	-10,989	0,415	0,000
Element 2-28 (Embedded beam row)	17608	2	12,300	-8,103	-43,552	0,500	0,001
(palo 1500)	17609	3	12,300	-8,332	-83,904	0,598	0,001
	17610	4	12,300	-8,561	-142,405	0,759	0,001
	17611	5	12,300	-8,790	-251,392	1,151	0,001
EmbeddedBeamRow_2_1	17611	1	12,300	-8,790	-251,392	1,151	0,001
Element 2-29 (Embedded beam row)	17612	2	12,300	-9,040	-248,976	1,113	0,001
(palo 1500)	17613	3	12,300	-9,290	-242,649	1,084	0,001
	17614	4	12,300	-9,540	-236,326	1,058	0,001
	17615	5	12,300	-9,790	-228,812	1,034	0,001
EmbeddedBeamRow_2_1	17615	1	12,300	-9,790	-228,812	1,034	0,001
Element 2-30 (Embedded beam row)	17616	2	12,300	-10,040	-221,228	1,010	0,001
(palo 1500)	17617	3	12,300	-10,290	-213,357	0,986	0,001
	17618	4	12,300	-10,540	-205,328	0,963	0,001
	17619	5	12,300	-10,790	-197,225	0,940	0,001
EmbeddedBeamRow_2_1	17619	1	12,300	-10,790	-197,225	0,940	0,001
Element 2-31 (Embedded beam row)	17620	2	12,300	-11,040	-189,131	0,916	0,001
(palo 1500)	17621	3	12,300	-11,290	-181,121	0,893	0,001

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-3} m]	$\lvert u_{rel} \rvert$ [m]
	17622	4	12,300	-11,540	-173,259	0,870	0,001
	17623	5	12,300	-11,790	-165,621	0,846	0,001
EmbeddedBeamRow_2_1	17623	1	12,300	-11,790	-165,621	0,846	0,001
Element 2-32 (Embedded beam row)	17624	2	12,300	-12,040	-158,289	0,823	0,001
(palo 1500)	17625	3	12,300	-12,290	-151,348	0,799	0,001
	17626	4	12,300	-12,540	-144,883	0,775	0,001
	17627	5	12,300	-12,790	-139,003	0,751	0,001
EmbeddedBeamRow_2_1	17627	1	12,300	-12,790	-139,003	0,751	0,001
Element 2-33 (Embedded beam row)	17628	2	12,300	-13,040	-133,821	0,727	0,001
(palo 1500)	17629	3	12,300	-13,290	-129,600	0,703	0,001
	17630	4	12,300	-13,540	-126,318	0,678	0,001
	17631	5	12,300	-13,790	-125,248	0,651	0,001
EmbeddedBeamRow_2_1	17631	1	12,300	-13,790	-125,248	0,651	0,001
Element 2-34 (Embedded beam row)	17632	2	12,300	-14,045	-117,518	0,622	0,001
(palo 1500)	17633	3	12,300	-14,301	-109,009	0,594	0,001
	17634	4	12,300	-14,556	-100,977	0,567	0,001
	17635	5	12,300	-14,811	-93,074	0,540	0,001
EmbeddedBeamRow_2_1	17635	1	12,300	-14,811	-93,074	0,540	0,001
Element 2-35 (Embedded beam row)	17636	2	12,300	-15,074	-85,240	0,513	0,001
(palo 1500)	17637	3	12,300	-15,336	-77,721	0,486	0,000
	17638	4	12,300	-15,598	-70,506	0,459	0,000
	17639	5	12,300	-15,860	-63,556	0,432	0,000
EmbeddedBeamRow_2_1	17639	1	12,300	-15,860	-63,556	0,432	0,000
Element 2-36 (Embedded beam row)	17640	2	12,300	-16,129	-56,708	0,405	0,000
(palo 1500)	17641	3	12,300	-16,398	-50,143	0,378	0,000
	17642	4	12,300	-16,667	-43,858	0,351	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-3} m]	$\lvert u_{rel} \rvert$ [m]
	17643	5	12,300	-16,936	-37,836	0,324	0,000
EmbeddedBeamRow_2_1	17643	1	12,300	-16,936	-37,836	0,324	0,000
Element 2-37 (Embedded beam row)	17644	2	12,300	-17,212	-31,921	0,297	0,000
(palo 1500)	17645	3	12,300	-17,488	-26,259	0,269	0,000
	17646	4	12,300	-17,765	-20,838	0,242	0,000
	17647	5	12,300	-18,041	-15,641	0,216	0,000
EmbeddedBeamRow_2_1	17647	1	12,300	-18,041	-15,641	0,216	0,000
Element 2-38 (Embedded beam row)	17648	2	12,300	-18,324	-10,529	0,188	0,000
(palo 1500)	17649	3	12,300	-18,608	-5,625	0,161	0,000
	17650	4	12,300	-18,891	-0,921	0,134	0,000
	17651	5	12,300	-19,175	3,598	0,107	0,000
EmbeddedBeamRow_2_1	17651	1	12,300	-19,175	3,598	0,107	0,000
Element 2-39 (Embedded beam row)	17652	2	12,300	-19,466	8,051	0,080	0,000
(palo 1500)	17653	3	12,300	-19,757	12,326	0,052	0,000
	17654	4	12,300	-20,048	16,427	0,025	0,000
	17655	5	12,300	-20,339	20,356	-0,002	0,000
EmbeddedBeamRow_2_1	17655	1	12,300	-20,339	20,356	-0,002	0,000
Element 2-40 (Embedded beam row)	17656	2	12,300	-20,638	24,210	-0,029	0,000
(palo 1500)	17657	3	12,300	-20,936	27,877	-0,056	0,000
	17658	4	12,300	-21,235	31,347	-0,084	0,000
	17659	5	12,300	-21,534	34,605	-0,111	0,000
EmbeddedBeamRow_2_1	17659	1	12,300	-21,534	34,605	-0,111	0,000
Element 2-41 (Embedded beam row)	17660	2	12,300	-21,840	37,706	-0,138	0,000
(palo 1500)	17661	3	12,300	-22,147	40,573	-0,166	0,000
	17662	4	12,300	-22,454	43,166	-0,193	0,000
	17663	5	12,300	-22,760	45,469	-0,220	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-3} m]	$\lvert u_{rel} \rvert$ [m]
EmbeddedBeamRow_2_1	17663	1	12,300	-22,760	45,469	-0,220	0,000
Element 2-42 (Embedded beam row)	17664	2	12,300	-23,075	47,494	-0,247	0,000
(palo 1500)	17665	3	12,300	-23,390	49,159	-0,275	0,000
	17666	4	12,300	-23,705	50,405	-0,302	0,000
	17667	5	12,300	-24,019	51,212	-0,329	0,000
EmbeddedBeamRow_2_1	17667	1	12,300	-24,019	51,212	-0,329	0,000
Element 2-43 (Embedded beam row)	17668	2	12,300	-24,342	51,513	-0,357	0,000
(palo 1500)	17669	3	12,300	-24,665	51,200	-0,384	0,000
	17670	4	12,300	-24,989	50,193	-0,411	0,000
	17671	5	12,300	-25,312	48,436	-0,438	0,000
EmbeddedBeamRow_2_1	17671	1	12,300	-25,312	48,436	-0,438	0,000
Element 2-44 (Embedded beam row)	17672	2	12,300	-25,643	45,761	-0,465	0,000
(palo 1500)	17673	3	12,300	-25,975	42,133	-0,492	0,000
	17674	4	12,300	-26,307	37,453	-0,518	0,001
	17675	5	12,300	-26,638	31,655	-0,543	0,001
EmbeddedBeamRow_2_1	17675	1	12,300	-26,638	31,655	-0,543	0,001
Element 2-45 (Embedded beam row)	17676	2	12,300	-26,979	24,359	-0,569	0,001
(palo 1500)	17677	3	12,300	-27,319	15,705	-0,593	0,001
	17678	4	12,300	-27,660	5,489	-0,617	0,001
	17679	5	12,300	-28,000	-6,347	-0,638	0,001
EmbeddedBeamRow_2_1	17679	1	12,300	-28,000	-6,347	-0,638	0,001
Element 2-46 (Embedded beam row)	17680	2	12,300	-28,673	-35,049	-0,678	0,001
(palo 1500)	17681	3	12,300	-29,345	-71,082	-0,708	0,001
	17682	4	12,300	-30,018	-113,893	-0,708	0,001
	17683	5	12,300	-30,690	-158,701	-0,649	0,001

3.3.2.1.9 Calculation results, Embedded beam row, plinto + pali [Phase_8] (8/31), Table of embedded pile row force envelopes

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T---+-- [kN/m/m]	T---+-+-	N-- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
EmbeddedBeamRow_1_1	17498	1	4,500	-6,690	-116,002	-3,545	-3,086	0,000	0,000	46,667	0,000	-116,002	0,000	-3,545	0,000	-3,086	0,000
Element 1-1 (Embedded beam row)	17499	2	4,500	-6,693	-116,012	-3,545	-3,096	0,034	0,012	46,667	0,001	-116,012	0,000	-3,545	0,000	-3,096	0,000
(palo 1500)	17500	3	4,500	-6,695	-116,023	-3,544	-3,105	0,068	0,020	46,667	0,001	-116,023	0,000	-3,544	0,000	-3,105	0,000
	17501	4	4,500	-6,698	-116,033	-3,544	-3,115	0,102	0,025	46,667	0,002	-116,033	0,000	-3,544	0,000	-3,115	0,000
	17502	5	4,500	-6,701	-116,043	-3,544	-3,124	0,137	0,027	46,667	0,003	-116,043	0,000	-3,544	0,000	-3,124	0,000
EmbeddedBeamRow_1_1	17502	1	4,500	-6,701	-116,046	-3,547	-3,124	0,380	0,070	46,667	0,008	-116,046	0,000	-3,547	0,000	-3,124	0,000
Element 1-2 (Embedded beam row)	17503	2	4,500	-6,766	-116,267	-3,530	-3,356	0,619	0,315	46,667	0,013	-116,267	0,000	-3,530	0,000	-3,356	0,000
(palo 1500)	17504	3	4,500	-6,832	-116,479	-3,505	-3,587	0,784	0,451	46,667	0,017	-116,479	0,000	-3,505	0,000	-3,587	0,000
	17505	4	4,500	-6,897	-116,683	-3,472	-3,816	0,880	0,555	46,667	0,019	-116,683	0,000	-3,472	0,000	-3,816	0,000
	17506	5	4,500	-6,963	-116,878	-3,432	-4,042	0,959	0,629	46,667	0,021	-116,878	0,000	-3,432	0,000	-4,042	0,000
EmbeddedBeamRow_1_1	17506	1	4,500	-6,963	-116,880	-3,433	-4,042	0,959	0,629	46,667	0,021	-116,880	0,000	-3,433	0,000	-4,042	0,000
Element 1-3 (Embedded beam row)	17507	2	4,500	-7,040	-117,105	-3,381	-4,306	1,050	0,704	46,667	0,022	-117,105	0,000	-3,381	0,000	-4,306	0,000
(palo 1500)	17508	3	4,500	-7,118	-117,325	-3,324	-4,565	1,130	0,766	46,667	0,024	-117,325	0,000	-3,324	0,000	-4,565	0,000
	17509	4	4,500	-7,195	-117,539	-3,263	-4,820	1,201	0,817	46,667	0,026	-117,539	0,000	-3,263	0,000	-4,820	0,000
	17510	5	4,500	-7,272	-117,746	-3,198	-5,070	1,265	0,863	46,667	0,027	-117,746	0,000	-3,198	0,000	-5,070	0,000
EmbeddedBeamRow_1_1	17510	1	4,500	-7,272	-117,747	-3,198	-5,070	1,265	0,863	46,667	0,027	-117,747	0,000	-3,198	0,000	-5,070	0,000
Element 1-4 (Embedded beam row)	17511	2	4,500	-7,364	-117,986	-3,117	-5,358	1,334	0,909	46,667	0,029	-117,986	0,000	-3,117	0,000	-5,358	0,000
(palo 1500)	17512	3	4,500	-7,455	-118,220	-3,032	-5,639	1,398	0,947	46,667	0,030	-118,220	0,000	-3,032	0,000	-5,639	0,000
	17513	4	4,500	-7,546	-118,448	-2,945	-5,912	1,458	0,980	46,667	0,031	-118,448	0,000	-2,945	0,000	-5,912	0,000
	17514	5	4,500	-7,638	-118,671	-2,854	-6,177	1,513	1,007	46,667	0,032	-118,671	0,000	-2,854	0,000	-6,177	0,000
EmbeddedBeamRow_1_1	17514	1	4,500	-7,638	-118,671	-2,854	-6,177	1,513	1,007	46,667	0,032	-118,671	0,000	-2,854	0,000	-6,177	0,000
Element 1-5 (Embedded beam row)	17515	2	4,500	-7,745	-118,928	-2,744	-6,478	1,575	1,034	46,667	0,034	-118,928	0,000	-2,744	0,000	-6,478	0,000
(palo 1500)	17516	3	4,500	-7,853	-119,178	-2,631	-6,767	1,633	1,055	46,667	0,035	-119,178	0,000	-2,631	0,000	-6,767	0,000
	17517	4	4,500	-7,961	-119,422	-2,517	-7,045	1,687	1,071	46,667	0,036	-119,422	0,000	-2,517	0,000	-7,045	0,000
	17518	5	4,500	-8,068	-119,660	-2,401	-7,309	1,739	1,084	46,667	0,037	-119,660	0,000	-2,401	0,000	-7,309	0,000
EmbeddedBeamRow_1_1	17518	1	4,500	-8,068	-119,660	-2,401	-7,309	1,739	1,084	46,667	0,037	-119,660	0,000	-2,401	0,000	-7,309	0,000
Element 1-6 (Embedded beam row)	17519	2	4,500	-8,195	-119,934	-2,263	-7,605	1,798	1,093	46,667	0,039	-119,934	0,000	-2,263	0,000	-7,605	0,000
(palo 1500)	17520	3	4,500	-8,322	-120,201	-2,123	-7,884	1,853	1,098	46,667	0,040	-120,201	0,000	-2,123	0,000	-7,884	0,000
	17521	4	4,500	-8,449	-120,461	-1,984	-8,145	1,906	1,099	46,667	0,041	-120,461	0,000	-1,984	0,000	-8,145	0,000
	17522	5	4,500	-8,576	-120,715	-1,844	-8,388	1,956	1,096	46,667	0,042	-120,715	0,000	-1,844	0,000	-8,388	0,000
EmbeddedBeamRow_1_1	17522	1	4,500	-8,576	-120,715	-1,845	-8,388	1,956	1,096	46,667	0,042	-120,715	0,000	-1,845	0,000	-8,388	0,000
Element 1-7 (Embedded beam row)	17523	2	4,500	-8,726	-121,006	-1,680	-8,652	2,014	1,089	46,667	0,043	-121,006	0,000	-1,680	0,000	-8,652	0,000

Structural element	Node [10⁻]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T,,,, [kN/m/m]	T,,, [kN/m/m]	T,,,,,,, [kN/m/m]	T,,,,,,,	N,,, [kN/m]	N,,, [kN/m]	Q,,, [kN/m]	Q,,, [kN/m]	M,,, [kN m/m]	M,,, [kN m/m]
(palo 1500)	17524	3	4,500	-8,876	-121,288	-1,518	-8,892	2,069	1,077	46,667	0,044	-121,288	0,000	-1,518	0,000	-8,892	0,000
	17525	4	4,500	-9,026	-121,563	-1,358	-9,107	2,122	1,062	46,667	0,045	-121,563	0,000	-1,358	0,000	-9,107	0,000
	17526	5	4,500	-9,176	-121,829	-1,200	-9,299	2,173	1,043	46,667	0,047	-121,829	0,000	-1,200	0,000	-9,299	0,000
EmbeddedBeamRow_1_1	17526	1	4,500	-9,176	-121,830	-1,201	-9,299	2,173	1,043	46,667	0,047	-121,830	0,000	-1,201	0,000	-9,299	0,000
Element 1-8 (Embedded beam row)	17527	2	4,500	-9,352	-122,134	-1,018	-9,495	2,231	1,017	46,667	0,048	-122,134	0,000	-1,018	0,000	-9,495	0,000
(palo 1500)	17528	3	4,500	-9,529	-122,429	-0,841	-9,659	2,287	0,987	46,667	0,049	-122,429	0,000	-0,841	0,000	-9,659	0,000
	17529	4	4,500	-9,706	-122,714	-0,670	-9,793	2,340	0,954	46,667	0,050	-122,714	0,000	-0,670	0,000	-9,793	0,000
	17530	5	4,500	-9,883	-122,990	-0,504	-9,896	2,392	0,918	46,667	0,051	-122,990	0,000	-0,504	0,000	-9,896	0,000
EmbeddedBeamRow_1_1	17530	1	4,500	-9,883	-122,990	-0,504	-9,896	2,392	0,918	46,667	0,051	-122,990	0,000	-0,504	0,000	-9,896	0,000
Element 1-9 (Embedded beam row)	17531	2	4,500	-10,091	-123,304	-0,317	-9,982	2,451	0,872	46,667	0,053	-123,304	0,000	-0,317	0,000	-9,982	0,000
(palo 1500)	17532	3	4,500	-10,300	-123,606	-0,141	-10,029	2,507	0,822	46,667	0,054	-123,606	0,000	-0,141	0,000	-10,029	0,000
	17533	4	4,500	-10,508	-123,897	0,025	-10,041	2,560	0,770	46,667	0,055	-123,897	0,000	-0,016	0,025	-10,041	0,000
	17534	5	4,500	-10,717	-124,176	0,180	-10,019	2,610	0,715	46,667	0,056	-124,176	0,000	0,000	0,180	-10,019	0,000
EmbeddedBeamRow_1_1	17534	1	4,500	-10,717	-124,177	0,180	-10,019	2,610	0,715	46,667	0,056	-124,177	0,000	0,000	0,180	-10,019	0,000
Element 1-10 (Embedded beam row)	17535	2	4,500	-10,963	-124,493	0,348	-9,954	2,664	0,648	46,667	0,057	-124,493	0,000	0,000	0,348	-9,954	0,000
(palo 1500)	17536	3	4,500	-11,209	-124,798	0,499	-9,850	2,714	0,579	46,667	0,058	-124,798	0,000	0,000	0,499	-9,850	0,000
	17537	4	4,500	-11,455	-125,091	0,632	-9,710	2,757	0,508	46,667	0,059	-125,091	0,000	0,000	0,632	-9,710	0,000
	17538	5	4,500	-11,701	-125,373	0,748	-9,540	2,789	0,439	46,667	0,060	-125,373	0,000	0,000	0,748	-9,540	0,000
EmbeddedBeamRow_1_1	17538	1	4,500	-11,701	-125,374	0,748	-9,540	4,183	0,659	46,667	0,090	-125,374	0,000	0,000	0,748	-9,540	0,000
Element 1-11 (Embedded beam row)	17539	2	4,500	-11,952	-125,303	0,909	-9,332	4,240	0,617	46,667	0,091	-125,303	0,000	0,000	0,909	-9,332	0,000
(palo 1500)	17540	3	4,500	-12,203	-125,217	1,058	-9,085	4,305	0,568	46,667	0,092	-125,217	0,000	0,000	1,058	-9,085	0,000
	17541	4	4,500	-12,454	-125,113	1,194	-8,802	4,374	0,517	46,667	0,094	-125,113	0,000	0,000	1,194	-8,802	0,000
	17542	5	4,500	-12,705	-124,993	1,318	-8,486	4,443	0,466	46,667	0,095	-124,993	0,000	0,000	1,318	-8,486	0,000
EmbeddedBeamRow_1_1	17542	1	4,500	-12,705	-124,992	1,318	-8,486	4,443	0,466	46,667	0,095	-124,992	0,000	0,000	1,318	-8,486	0,000
Element 1-12 (Embedded beam row)	17543	2	4,500	-12,962	-124,851	1,430	-8,133	4,515	0,415	46,667	0,097	-124,851	0,000	0,000	1,430	-8,133	0,000
(palo 1500)	17544	3	4,500	-13,218	-124,690	1,530	-7,753	4,588	0,364	46,667	0,098	-124,690	0,000	0,000	1,530	-7,753	0,000
	17545	4	4,500	-13,475	-124,511	1,618	-7,349	4,662	0,315	46,667	0,100	-124,511	0,000	0,000	1,618	-7,349	0,000
	17546	5	4,500	-13,732	-124,313	1,692	-6,923	4,736	0,268	46,667	0,101	-124,313	0,000	0,000	1,692	-6,923	0,000
EmbeddedBeamRow_1_1	17546	1	4,500	-13,732	-124,313	1,693	-6,923	4,736	0,268	46,667	0,101	-124,313	0,000	0,000	1,693	-6,923	0,000
Element 1-13 (Embedded beam row)	17547	2	4,500	-13,994	-124,091	1,757	-6,471	4,813	0,222	46,667	0,103	-124,091	0,000	0,000	1,757	-6,471	0,000
(palo 1500)	17548	3	4,500	-14,257	-123,848	1,809	-6,002	4,889	0,176	46,667	0,105	-123,848	0,000	0,000	1,809	-6,002	0,000
	17549	4	4,500	-14,519	-123,585	1,850	-5,522	4,965	0,133	46,667	0,106	-123,585	0,000	0,000	1,850	-5,522	0,000
	17550	5	4,500	-14,781	-123,303	1,879	-5,033	5,042	0,090	46,667	0,108	-123,303	0,000	0,000	1,879	-5,033	0,000
EmbeddedBeamRow_1_1	17550	1	4,500	-14,781	-123,303	1,879	-5,033	5,042	0,090	46,667	0,108	-123,303	0,000	0,000	1,879	-5,033	0,000
Element 1-14 (Embedded beam row)	17551	2	4,500	-15,050	-122,994	1,897	-4,526	5,119	0,048	46,667	0,110	-122,994	0,000	0,000	1,897	-4,526	0,000
(palo 1500)	17552	3	4,500	-15,318	-122,663	1,905	-4,016	5,197	0,007	46,667	0,111	-122,663	0,000	0,000	1,905	-4,016	0,000

Structural element	Node [10⁻]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N-- - [kN/m]	N --- [kN/m]	Q - -- [kN/m]	Q --- [kN/m]	M - - - [kN m/m]	M --- [kN m/m]
	17553	4	4,500	-15,586	-122,312	1,901	-3,505	5,274	-0,033	46,667	0,113	-122,312	0,000	0,000	1,901	-3,505	0,000
	17554	5	4,500	-15,855	-121,940	1,887	-2,996	5,351	-0,073	46,667	0,115	-121,940	0,000	0,000	1,887	-2,996	0,000
EmbeddedBeamRow_1_1	17554	1	4,500	-15,855	-121,940	1,887	-2,996	5,351	-0,073	46,667	0,115	-121,940	0,000	0,000	1,887	-2,996	0,000
Element 1-15 (Embedded beam row)	17555	2	4,500	-16,129	-121,539	1,861	-2,482	5,429	-0,113	46,667	0,116	-121,539	0,000	0,000	1,861	-2,482	0,000
(palo 1500)	17556	3	4,500	-16,403	-121,117	1,825	-1,976	5,506	-0,152	46,667	0,118	-121,117	0,000	0,000	1,825	-1,977	0,000
	17557	4	4,500	-16,678	-120,673	1,778	-1,481	5,583	-0,190	46,667	0,120	-120,673	0,000	0,000	1,778	-1,516	0,000
	17558	5	4,500	-16,952	-120,208	1,721	-1,001	5,658	-0,226	46,667	0,121	-120,208	0,000	0,000	1,721	-1,070	0,000
EmbeddedBeamRow_1_1	17558	1	4,500	-16,952	-120,208	1,721	-1,001	5,658	-0,226	46,667	0,121	-120,208	0,000	0,000	1,721	-1,070	0,000
Element 1-16 (Embedded beam row)	17559	2	4,500	-17,232	-119,712	1,653	-0,528	5,734	-0,258	46,667	0,123	-119,712	0,000	0,000	1,653	-0,630	0,000
(palo 1500)	17560	3	4,500	-17,513	-119,195	1,577	-0,075	5,807	-0,286	46,667	0,124	-119,195	0,000	0,000	1,577	-0,311	0,000
	17561	4	4,500	-17,793	-118,658	1,493	0,356	5,880	-0,310	46,667	0,126	-118,658	0,000	0,000	1,493	-0,118	0,356
	17562	5	4,500	-18,074	-118,100	1,403	0,762	5,951	-0,331	46,667	0,128	-118,100	0,000	0,000	1,403	0,000	0,762
EmbeddedBeamRow_1_1	17562	1	4,500	-18,074	-118,100	1,403	0,762	5,951	-0,331	46,667	0,128	-118,100	0,000	0,000	1,403	0,000	0,762
Element 1-17 (Embedded beam row)	17563	2	4,500	-18,360	-117,509	1,305	1,150	6,023	-0,349	46,667	0,129	-117,509	0,000	0,000	1,305	0,000	1,150
(palo 1500)	17564	3	4,500	-18,647	-116,898	1,203	1,510	6,094	-0,362	46,667	0,131	-116,898	0,000	0,000	1,203	0,000	1,510
	17565	4	4,500	-18,934	-116,267	1,098	1,840	6,165	-0,372	46,667	0,132	-116,267	0,000	0,000	1,098	0,000	1,840
	17566	5	4,500	-19,221	-115,615	0,990	2,139	6,236	-0,377	46,667	0,134	-115,615	0,000	0,000	0,990	0,000	2,139
EmbeddedBeamRow_1_1	17566	1	4,500	-19,221	-115,615	0,991	2,139	6,236	-0,377	46,667	0,134	-115,615	0,000	0,000	0,991	0,000	2,139
Element 1-18 (Embedded beam row)	17567	2	4,500	-19,514	-114,928	0,880	2,413	6,308	-0,379	46,667	0,135	-114,928	0,000	0,000	0,880	0,000	2,413
(palo 1500)	17568	3	4,500	-19,807	-114,219	0,769	2,655	6,382	-0,376	46,667	0,137	-114,219	0,000	0,000	0,769	0,000	2,655
	17569	4	4,500	-20,100	-113,488	0,660	2,864	6,457	-0,369	46,667	0,138	-113,488	0,000	0,000	0,660	0,000	2,864
	17570	5	4,500	-20,393	-112,736	0,553	3,042	6,535	-0,360	46,667	0,140	-112,736	0,000	0,000	0,553	0,000	3,042
EmbeddedBeamRow_1_1	17570	1	4,500	-20,393	-112,735	0,553	3,042	6,535	-0,360	46,667	0,140	-112,735	0,000	0,000	0,553	0,000	3,042
Element 1-19 (Embedded beam row)	17571	2	4,500	-20,693	-111,942	0,447	3,192	6,617	-0,347	46,667	0,142	-111,942	0,000	0,000	0,447	0,000	3,192
(palo 1500)	17572	3	4,500	-20,992	-111,123	0,345	3,310	6,703	-0,333	46,667	0,144	-111,123	0,000	0,000	0,345	0,000	3,310
	17573	4	4,500	-21,292	-110,277	0,248	3,399	6,793	-0,317	46,667	0,146	-110,277	0,000	0,000	0,248	0,000	3,399
	17574	5	4,500	-21,592	-109,405	0,155	3,459	6,888	-0,300	46,667	0,148	-109,405	0,000	0,000	0,155	0,000	3,459
EmbeddedBeamRow_1_1	17574	1	4,500	-21,592	-109,403	0,155	3,459	6,888	-0,300	46,667	0,148	-109,403	0,000	0,000	0,155	0,000	3,459
Element 1-20 (Embedded beam row)	17575	2	4,500	-21,898	-108,482	0,066	3,493	6,990	-0,283	46,667	0,150	-108,482	0,000	0,000	0,071	0,000	3,493
(palo 1500)	17576	3	4,500	-22,205	-107,527	-0,018	3,500	7,098	-0,264	46,667	0,152	-107,527	0,000	-0,018	0,000	0,000	3,500
	17577	4	4,500	-22,511	-106,538	-0,096	3,483	7,211	-0,246	46,667	0,155	-106,538	0,000	-0,096	0,000	0,000	3,483
	17578	5	4,500	-22,817	-105,515	-0,169	3,442	7,328	-0,227	46,667	0,157	-105,515	0,000	-0,169	0,000	0,000	3,442
EmbeddedBeamRow_1_1	17578	1	4,500	-22,817	-105,513	-0,169	3,442	7,328	-0,227	46,667	0,157	-105,513	0,000	-0,169	0,000	0,000	3,442
Element 1-21 (Embedded beam row)	17579	2	4,500	-23,131	-104,430	-0,237	3,378	7,453	-0,208	46,667	0,160	-104,430	0,000	-0,237	0,000	0,000	3,378
(palo 1500)	17580	3	4,500	-23,444	-103,304	-0,299	3,294	7,583	-0,190	46,667	0,162	-103,304	0,000	-0,299	0,000	0,000	3,294
	17581	4	4,500	-23,757	-102,138	-0,356	3,192	7,716	-0,172	46,667	0,165	-102,138	0,000	-0,356	0,000	0,000	3,192

Structural element	Node [10⁻]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N --- [kN/m]	N --- [kN/m]	Q --- [kN/m]	Q --- [kN/m]	M --- [kN m/m]	M --- [kN m/m]
	17582	5	4,500	-24,070	-100,931	-0,407	3,072	7,853	-0,155	46,667	0,168	-100,931	0,000	-0,407	0,000	0,000	3,072
EmbeddedBeamRow_1_1	17582	1	4,500	-24,070	-100,929	-0,407	3,072	7,853	-0,155	46,667	0,168	-100,929	0,000	-0,407	0,000	0,000	3,072
Element 1-22 (Embedded beam row)	17583	2	4,500	-24,391	-99,650	-0,454	2,934	7,997	-0,137	46,667	0,171	-99,650	0,000	-0,454	0,000	0,000	2,934
(palo 1500)	17584	3	4,500	-24,711	-98,323	-0,495	2,782	8,143	-0,120	46,667	0,174	-98,323	0,000	-0,495	0,000	0,000	2,782
	17585	4	4,500	-25,031	-96,949	-0,531	2,617	8,291	-0,103	46,667	0,178	-96,949	0,000	-0,531	0,000	0,000	2,617
	17586	5	4,500	-25,351	-95,528	-0,561	2,443	8,441	-0,085	46,667	0,181	-95,528	0,000	-0,561	0,000	0,000	2,443
EmbeddedBeamRow_1_1	17586	1	4,500	-25,351	-95,527	-0,561	2,443	8,441	-0,085	46,667	0,181	-95,527	0,000	-0,561	0,000	0,000	2,443
Element 1-23 (Embedded beam row)	17587	2	4,500	-25,679	-94,025	-0,586	2,255	8,597	-0,068	46,667	0,184	-94,025	0,000	-0,586	0,000	0,000	2,255
(palo 1500)	17588	3	4,500	-26,006	-92,470	-0,605	2,059	8,753	-0,048	46,667	0,188	-92,470	0,000	-0,605	0,000	0,000	2,059
	17589	4	4,500	-26,334	-90,864	-0,617	1,859	8,910	-0,028	46,667	0,191	-90,864	0,000	-0,617	0,000	0,000	1,859
	17590	5	4,500	-26,661	-89,207	-0,623	1,656	9,070	-0,004	46,667	0,194	-89,207	0,000	-0,623	0,000	0,000	1,656
EmbeddedBeamRow_1_1	17590	1	4,500	-26,661	-89,206	-0,623	1,656	9,070	-0,004	46,667	0,194	-89,206	0,000	-0,623	0,000	0,000	1,656
Element 1-24 (Embedded beam row)	17591	2	4,500	-26,996	-87,458	-0,620	1,448	9,230	0,021	46,667	0,198	-87,458	0,000	-0,620	0,000	0,000	1,448
(palo 1500)	17592	3	4,500	-27,331	-85,656	-0,609	1,242	9,388	0,049	46,667	0,201	-85,656	0,000	-0,609	0,000	0,000	1,242
	17593	4	4,500	-27,665	-83,803	-0,587	1,041	9,540	0,078	46,667	0,204	-83,803	0,000	-0,587	0,000	0,000	1,041
	17594	5	4,500	-28,000	-81,899	-0,556	0,850	9,678	0,107	46,667	0,207	-81,899	0,000	-0,556	0,000	0,000	0,850
EmbeddedBeamRow_1_1	17594	1	4,500	-28,000	-81,945	-0,555	0,850	9,678	0,107	46,667	0,207	-81,945	0,000	-0,555	0,000	0,000	0,850
Element 1-25 (Embedded beam row)	17595	2	4,500	-28,673	-77,913	-0,469	0,504	9,944	0,157	46,667	0,213	-77,913	0,000	-0,469	0,000	0,000	0,504
(palo 1500)	17596	3	4,500	-29,345	-73,830	-0,346	0,227	10,126	0,196	46,667	0,217	-73,830	0,000	-0,346	0,000	0,000	0,227
	17597	4	4,500	-30,018	-69,758	-0,178	0,048	9,914	0,294	46,667	0,212	-69,758	0,000	-0,178	0,000	0,000	0,048
	17598	5	4,500	-30,690	-65,757	0,045	0,000	8,796	0,155	46,667	0,188	-65,757	0,000	0,000	0,045	0,000	0,000
EmbeddedBeamRow_2_1	17599	1	12,300	-6,690	-131,212	1,411	0,205	0,000	0,000	46,667	0,000	-131,212	0,000	0,000	1,411	0,000	0,287
Element 2-26 (Embedded beam row)	17600	2	12,300	-6,816	-131,672	1,418	0,383	0,378	0,023	46,667	0,008	-131,672	0,000	0,000	1,418	0,000	0,444
(palo 1500)	17601	3	12,300	-6,942	-132,105	1,417	0,562	0,612	-0,036	46,667	0,013	-132,105	0,000	0,000	1,417	0,000	0,614
	17602	4	12,300	-7,068	-132,514	1,409	0,740	0,767	-0,089	46,667	0,016	-132,514	0,000	0,000	1,409	0,000	0,783
	17603	5	12,300	-7,194	-132,900	1,394	0,917	0,899	-0,131	46,667	0,019	-132,900	0,000	0,000	1,394	0,000	0,950
EmbeddedBeamRow_2_1	17603	1	12,300	-7,194	-132,904	1,396	0,917	0,899	-0,131	46,667	0,019	-132,904	0,000	0,000	1,396	0,000	0,950
Element 2-27 (Embedded beam row)	17604	2	12,300	-7,364	-133,402	1,368	1,152	1,063	-0,180	46,667	0,023	-133,402	0,000	0,000	1,368	0,000	1,173
(palo 1500)	17605	3	12,300	-7,534	-133,877	1,334	1,381	1,206	-0,217	46,667	0,026	-133,877	0,000	0,000	1,334	0,000	1,391
	17606	4	12,300	-7,704	-134,328	1,295	1,605	1,336	-0,245	46,667	0,029	-134,328	0,000	0,000	1,295	0,000	1,605
	17607	5	12,300	-7,874	-134,757	1,251	1,821	1,458	-0,264	46,667	0,031	-134,757	0,000	0,000	1,251	0,000	1,821
EmbeddedBeamRow_2_1	17607	1	12,300	-7,874	-134,759	1,253	1,821	1,458	-0,264	46,667	0,031	-134,759	0,000	0,000	1,253	0,000	1,821
Element 2-28 (Embedded beam row)	17608	2	12,300	-8,103	-135,305	1,189	2,101	1,611	-0,274	46,667	0,035	-135,305	0,000	0,000	1,189	0,000	2,101
(palo 1500)	17609	3	12,300	-8,332	-135,820	1,127	2,366	1,754	-0,270	46,667	0,038	-135,820	0,000	0,000	1,127	0,000	2,366
	17610	4	12,300	-8,561	-136,303	1,068	2,618	1,890	-0,249	46,667	0,040	-136,303	0,000	0,000	1,068	0,000	2,618
	17611	5	12,300	-8,790	-136,753	1,013	2,856	2,016	-0,210	46,667	0,043	-136,753	0,000	0,000	1,013	0,000	2,856

Structural element	Node [10⁻]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N-- - [kN/m]	N--- [kN/m]	Q-- - [kN/m]	Q--- [kN/m]	M-- - [kN m/m]	M--- [kN m/m]
EmbeddedBeamRow_2_1	17611	1	12,300	-8,790	-136,752	1,016	2,856	3,932	-0,409	46,667	0,084	-136,752	0,000	0,000	1,016	0,000	2,856
Element 2-29 (Embedded beam row)	17612	2	12,300	-9,040	-136,761	0,907	3,096	3,883	-0,449	46,667	0,083	-136,761	0,000	0,000	0,907	0,000	3,096
(palo 1500)	17613	3	12,300	-9,290	-136,774	0,791	3,309	3,862	-0,478	46,667	0,083	-136,774	0,000	0,000	0,791	0,000	3,309
	17614	4	12,300	-9,540	-136,790	0,671	3,492	3,855	-0,490	46,667	0,083	-136,790	0,000	0,000	0,671	0,000	3,492
	17615	5	12,300	-9,790	-136,810	0,546	3,644	3,855	-0,493	46,667	0,083	-136,810	0,000	0,000	0,546	0,000	3,644
EmbeddedBeamRow_2_1	17615	1	12,300	-9,790	-136,809	0,547	3,644	3,855	-0,493	46,667	0,083	-136,809	0,000	0,000	0,547	0,000	3,644
Element 2-30 (Embedded beam row)	17616	2	12,300	-10,040	-136,827	0,423	3,765	3,859	-0,494	46,667	0,083	-136,827	0,000	0,000	0,423	0,000	3,765
(palo 1500)	17617	3	12,300	-10,290	-136,843	0,301	3,855	3,868	-0,489	46,667	0,083	-136,843	0,000	0,000	0,301	0,000	3,855
	17618	4	12,300	-10,540	-136,856	0,180	3,915	3,881	-0,479	46,667	0,083	-136,856	0,000	0,000	0,180	0,000	3,915
	17619	5	12,300	-10,790	-136,866	0,061	3,945	3,898	-0,464	46,667	0,084	-136,866	0,000	0,000	0,061	0,000	3,945
EmbeddedBeamRow_2_1	17619	1	12,300	-10,790	-136,865	0,062	3,945	3,898	-0,464	46,667	0,084	-136,865	0,000	0,000	0,062	0,000	3,945
Element 2-31 (Embedded beam row)	17620	2	12,300	-11,040	-136,870	-0,052	3,946	3,919	-0,444	46,667	0,084	-136,870	0,000	-0,060	0,000	0,000	3,946
(palo 1500)	17621	3	12,300	-11,290	-136,869	-0,160	3,920	3,942	-0,418	46,667	0,084	-136,869	0,000	-0,162	0,000	0,000	3,920
	17622	4	12,300	-11,540	-136,862	-0,261	3,867	3,968	-0,387	46,667	0,085	-136,862	0,000	-0,261	0,000	0,000	3,867
	17623	5	12,300	-11,790	-136,849	-0,354	3,790	3,997	-0,351	46,667	0,086	-136,849	0,000	-0,354	0,000	0,000	3,790
EmbeddedBeamRow_2_1	17623	1	12,300	-11,790	-136,848	-0,353	3,790	3,997	-0,351	46,667	0,086	-136,848	0,000	-0,353	0,000	0,000	3,790
Element 2-32 (Embedded beam row)	17624	2	12,300	-12,040	-136,827	-0,436	3,691	4,028	-0,311	46,667	0,086	-136,827	0,000	-0,436	0,000	0,000	3,691
(palo 1500)	17625	3	12,300	-12,290	-136,798	-0,508	3,573	4,061	-0,266	46,667	0,087	-136,798	0,000	-0,508	0,000	0,000	3,573
	17626	4	12,300	-12,540	-136,760	-0,568	3,438	4,095	-0,216	46,667	0,088	-136,760	0,000	-0,568	0,000	0,000	3,438
	17627	5	12,300	-12,790	-136,714	-0,616	3,290	4,130	-0,162	46,667	0,088	-136,714	0,000	-0,616	0,000	0,000	3,290
EmbeddedBeamRow_2_1	17627	1	12,300	-12,790	-136,714	-0,615	3,290	4,130	-0,162	46,667	0,088	-136,714	0,000	-0,615	0,000	0,000	3,290
Element 2-33 (Embedded beam row)	17628	2	12,300	-13,040	-136,658	-0,649	3,131	4,167	-0,103	46,667	0,089	-136,658	0,000	-0,649	0,000	0,000	3,131
(palo 1500)	17629	3	12,300	-13,290	-136,594	-0,667	2,967	4,202	-0,040	46,667	0,090	-136,594	0,000	-0,667	0,000	0,000	2,967
	17630	4	12,300	-13,540	-136,521	-0,669	2,799	4,231	0,025	46,667	0,091	-136,521	0,000	-0,669	0,000	0,000	2,799
	17631	5	12,300	-13,790	-136,442	-0,654	2,634	4,251	0,080	46,667	0,091	-136,442	0,000	-0,654	0,000	0,000	2,634
EmbeddedBeamRow_2_1	17631	1	12,300	-13,790	-136,441	-0,655	2,634	6,376	0,120	46,667	0,137	-136,441	0,000	-0,655	0,000	0,000	2,634
Element 2-34 (Embedded beam row)	17632	2	12,300	-14,045	-135,817	-0,624	2,470	6,387	0,124	46,667	0,137	-135,817	0,000	-0,624	0,000	0,000	2,470
(palo 1500)	17633	3	12,300	-14,301	-135,184	-0,592	2,315	6,417	0,127	46,667	0,138	-135,184	0,000	-0,592	0,000	0,000	2,315
	17634	4	12,300	-14,556	-134,543	-0,559	2,168	6,460	0,129	46,667	0,138	-134,543	0,000	-0,559	0,000	0,000	2,168
	17635	5	12,300	-14,811	-133,891	-0,526	2,030	6,512	0,129	46,667	0,140	-133,891	0,000	-0,526	0,000	0,000	2,030
EmbeddedBeamRow_2_1	17635	1	12,300	-14,811	-133,890	-0,526	2,030	6,512	0,129	46,667	0,140	-133,890	0,000	-0,526	0,000	0,000	2,030
Element 2-35 (Embedded beam row)	17636	2	12,300	-15,074	-133,205	-0,493	1,896	6,569	0,123	46,667	0,141	-133,205	0,000	-0,493	0,000	0,000	1,896
(palo 1500)	17637	3	12,300	-15,336	-132,505	-0,461	1,771	6,630	0,116	46,667	0,142	-132,505	0,000	-0,463	0,000	0,000	1,771
	17638	4	12,300	-15,598	-131,788	-0,432	1,654	6,692	0,108	46,667	0,143	-131,788	0,000	-0,438	0,000	0,000	1,654
	17639	5	12,300	-15,860	-131,055	-0,405	1,545	6,754	0,103	46,667	0,145	-131,055	0,000	-0,414	0,000	0,000	1,545
EmbeddedBeamRow_2_1	17639	1	12,300	-15,860	-131,055	-0,404	1,545	6,754	0,103	46,667	0,145	-131,055	0,000	-0,414	0,000	0,000	1,545

Structural element	Node [10⁻]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
Element 2-36 (Embedded beam row)	17640	2	12,300	-16,129	-130,286	-0,377	1,440	6,819	0,100	46,667	0,146	-130,286	0,000	-0,390	0,000	0,000	1,440
(palo 1500)	17641	3	12,300	-16,398	-129,499	-0,350	1,342	6,884	0,098	46,667	0,148	-129,499	0,000	-0,366	0,000	0,000	1,342
	17642	4	12,300	-16,667	-128,694	-0,324	1,251	6,950	0,097	46,667	0,149	-128,694	0,000	-0,343	0,000	0,000	1,251
	17643	5	12,300	-16,936	-127,872	-0,298	1,167	7,017	0,098	46,667	0,150	-127,872	0,000	-0,320	0,000	0,000	1,167
EmbeddedBeamRow_2_1	17643	1	12,300	-16,936	-127,872	-0,298	1,167	7,017	0,098	46,667	0,150	-127,872	0,000	-0,319	0,000	0,000	1,167
Element 2-37 (Embedded beam row)	17644	2	12,300	-17,212	-127,009	-0,271	1,089	7,087	0,099	46,667	0,152	-127,009	0,000	-0,295	0,000	0,000	1,089
(palo 1500)	17645	3	12,300	-17,488	-126,126	-0,243	1,018	7,157	0,101	46,667	0,153	-126,126	0,000	-0,270	0,000	0,000	1,018
	17646	4	12,300	-17,765	-125,224	-0,215	0,954	7,229	0,104	46,667	0,155	-125,224	0,000	-0,244	0,000	0,000	0,954
	17647	5	12,300	-18,041	-124,303	-0,186	0,899	7,301	0,108	46,667	0,156	-124,303	0,000	-0,218	0,000	0,000	0,899
EmbeddedBeamRow_2_1	17647	1	12,300	-18,041	-124,302	-0,185	0,899	7,301	0,108	46,667	0,156	-124,302	0,000	-0,218	0,000	0,000	0,899
Element 2-38 (Embedded beam row)	17648	2	12,300	-18,324	-123,336	-0,154	0,851	7,375	0,113	46,667	0,158	-123,336	0,000	-0,189	0,000	0,000	0,851
(palo 1500)	17649	3	12,300	-18,608	-122,347	-0,121	0,812	7,451	0,119	46,667	0,160	-122,347	0,000	-0,158	0,000	0,000	0,812
	17650	4	12,300	-18,891	-121,337	-0,087	0,782	7,527	0,126	46,667	0,161	-121,337	0,000	-0,126	0,000	0,000	0,782
	17651	5	12,300	-19,175	-120,306	-0,050	0,763	7,603	0,133	46,667	0,163	-120,306	0,000	-0,093	0,000	0,000	0,763
EmbeddedBeamRow_2_1	17651	1	12,300	-19,175	-120,306	-0,050	0,763	7,603	0,133	46,667	0,163	-120,306	0,000	-0,093	0,000	0,000	0,763
Element 2-39 (Embedded beam row)	17652	2	12,300	-19,466	-119,225	-0,011	0,754	7,682	0,139	46,667	0,165	-119,225	0,000	-0,073	0,000	0,000	0,754
(palo 1500)	17653	3	12,300	-19,757	-118,121	0,030	0,757	7,760	0,143	46,667	0,166	-118,121	0,000	-0,052	0,030	0,000	0,757
	17654	4	12,300	-20,048	-116,994	0,073	0,772	7,838	0,146	46,667	0,168	-116,994	0,000	-0,031	0,073	0,000	0,772
	17655	5	12,300	-20,339	-115,845	0,116	0,799	7,916	0,146	46,667	0,170	-115,845	0,000	-0,008	0,116	0,000	0,799
EmbeddedBeamRow_2_1	17655	1	12,300	-20,339	-115,844	0,115	0,799	7,916	0,146	46,667	0,170	-115,844	0,000	-0,008	0,115	0,000	0,799
Element 2-40 (Embedded beam row)	17656	2	12,300	-20,638	-114,641	0,159	0,840	7,995	0,144	46,667	0,171	-114,641	0,000	0,000	0,159	0,000	0,840
(palo 1500)	17657	3	12,300	-20,936	-113,414	0,201	0,894	8,074	0,138	46,667	0,173	-113,414	0,000	0,000	0,201	0,000	0,894
	17658	4	12,300	-21,235	-112,164	0,241	0,960	8,150	0,129	46,667	0,175	-112,164	0,000	0,000	0,241	0,000	0,960
	17659	5	12,300	-21,534	-110,891	0,278	1,037	8,223	0,114	46,667	0,176	-110,891	0,000	0,000	0,278	0,000	1,037
EmbeddedBeamRow_2_1	17659	1	12,300	-21,534	-110,891	0,277	1,037	8,223	0,114	46,667	0,176	-110,891	0,000	0,000	0,277	0,000	1,037
Element 2-41 (Embedded beam row)	17660	2	12,300	-21,840	-109,563	0,310	1,128	8,294	0,093	46,667	0,178	-109,563	0,000	0,000	0,310	0,000	1,128
(palo 1500)	17661	3	12,300	-22,147	-108,214	0,334	1,227	8,361	0,066	46,667	0,179	-108,214	0,000	0,000	0,334	0,000	1,227
	17662	4	12,300	-22,454	-106,844	0,350	1,332	8,426	0,036	46,667	0,181	-106,844	0,000	0,000	0,350	0,000	1,332
	17663	5	12,300	-22,760	-105,455	0,356	1,440	8,492	0,004	46,667	0,182	-105,455	0,000	0,000	0,356	0,000	1,440
EmbeddedBeamRow_2_1	17663	1	12,300	-22,760	-105,454	0,356	1,440	8,492	0,004	46,667	0,182	-105,454	0,000	0,000	0,356	0,000	1,440
Element 2-42 (Embedded beam row)	17664	2	12,300	-23,075	-104,007	0,352	1,552	8,561	-0,029	46,667	0,183	-104,007	0,000	0,000	0,352	0,000	1,552
(palo 1500)	17665	3	12,300	-23,390	-102,537	0,338	1,661	8,631	-0,060	46,667	0,185	-102,537	0,000	0,000	0,338	0,000	1,661
	17666	4	12,300	-23,705	-101,045	0,315	1,764	8,703	-0,090	46,667	0,186	-101,045	0,000	0,000	0,320	0,000	1,764
	17667	5	12,300	-24,019	-99,531	0,281	1,858	8,779	-0,112	46,667	0,188	-99,531	0,000	0,000	0,297	0,000	1,858
EmbeddedBeamRow_2_1	17667	1	12,300	-24,019	-99,530	0,282	1,858	8,779	-0,112	46,667	0,188	-99,530	0,000	0,000	0,298	0,000	1,858
Element 2-43 (Embedded beam row)	17668	2	12,300	-24,342	-97,950	0,242	1,942	8,857	-0,136	46,667	0,190	-97,950	0,000	0,000	0,267	0,000	1,942

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N-- [kN/m]	N--- [kN/m]	Q-- [kN/m]	Q--- [kN/m]	M-- [kN m/m]	M--- [kN m/m]
(palo 1500)	17669	3	12,300	-24,665	-96,345	0,194	2,013	8,935	-0,159	46,667	0,191	-96,345	0,000	0,000	0,228	0,000	2,013
	17670	4	12,300	-24,989	-94,714	0,139	2,067	9,012	-0,182	46,667	0,193	-94,714	0,000	0,000	0,180	0,000	2,067
	17671	5	12,300	-25,312	-93,059	0,077	2,102	9,088	-0,207	46,667	0,195	-93,059	0,000	0,000	0,124	0,000	2,102
EmbeddedBeamRow_2_1	17671	1	12,300	-25,312	-93,059	0,077	2,102	9,088	-0,207	46,667	0,195	-93,059	0,000	0,000	0,125	0,000	2,102
Element 2-44 (Embedded beam row)	17672	2	12,300	-25,643	-91,335	0,004	2,116	9,165	-0,230	46,667	0,196	-91,335	0,000	0,000	0,077	0,000	2,116
(palo 1500)	17673	3	12,300	-25,975	-89,585	-0,075	2,104	9,241	-0,250	46,667	0,198	-89,585	0,000	-0,075	0,044	0,000	2,104
	17674	4	12,300	-26,307	-87,809	-0,161	2,065	9,317	-0,265	46,667	0,200	-87,809	0,000	-0,161	0,007	0,000	2,065
	17675	5	12,300	-26,638	-86,010	-0,251	1,997	9,393	-0,272	46,667	0,201	-86,010	0,000	-0,251	0,000	0,000	1,997
EmbeddedBeamRow_2_1	17675	1	12,300	-26,638	-86,009	-0,248	1,997	9,393	-0,272	46,667	0,201	-86,009	0,000	-0,248	0,000	0,000	1,997
Element 2-45 (Embedded beam row)	17676	2	12,300	-26,979	-84,136	-0,344	1,896	9,472	-0,271	46,667	0,203	-84,136	0,000	-0,344	0,000	0,000	1,896
(palo 1500)	17677	3	12,300	-27,319	-82,234	-0,433	1,764	9,554	-0,254	46,667	0,205	-82,234	0,000	-0,433	0,000	0,000	1,764
	17678	4	12,300	-27,660	-80,303	-0,513	1,603	9,639	-0,220	46,667	0,207	-80,303	0,000	-0,513	0,000	0,000	1,603
	17679	5	12,300	-28,000	-78,346	-0,583	1,416	9,701	-0,163	46,667	0,208	-78,346	0,000	-0,583	0,000	0,000	1,416
EmbeddedBeamRow_2_1	17679	1	12,300	-28,000	-78,390	-0,554	1,416	9,701	-0,163	46,667	0,208	-78,390	0,000	-0,554	0,000	0,000	1,416
Element 2-46 (Embedded beam row)	17680	2	12,300	-28,673	-74,390	-0,671	0,997	9,837	-0,057	46,667	0,211	-74,390	0,000	-0,671	0,000	0,000	0,997
(palo 1500)	17681	3	12,300	-29,345	-70,419	-0,638	0,547	9,903	0,129	46,667	0,212	-70,419	0,000	-0,638	0,000	0,000	0,547
	17682	4	12,300	-30,018	-66,542	-0,438	0,176	9,560	0,441	46,667	0,205	-66,542	0,000	-0,438	0,000	0,000	0,176
	17683	5	12,300	-30,690	-62,820	-0,052	0,000	8,403	0,958	46,667	0,180	-62,820	0,000	-0,052	0,000	0,000	0,000

3.3.2.1.10 Calculation results, Embedded beam row, Versante - fase B [Phase_10] (10/38), Table of embedded pile row force envelopes

Structural element	Node [10⁻]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T--- [kN/m/m]	T---,--- [kN/m/m]	T---,---	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
EmbeddedBeamRow_1_1	17498	1	4,500	-6,690	-204,844	-14,333	-1,118	0,000	0,000	46,667	0,000	-205,085	0,000	-14,333	0,000	-12,570	0,000
Element 1-1 (Embedded beam row)	17499	2	4,500	-6,693	-204,855	-14,333	-1,157	-0,400	0,096	46,667	0,009	-205,096	0,000	-14,333	0,000	-12,585	0,000
(palo 1500)	17500	3	4,500	-6,695	-204,867	-14,333	-1,195	-0,807	0,177	46,667	0,017	-205,108	0,000	-14,333	0,000	-12,599	0,000
	17501	4	4,500	-6,698	-204,880	-14,332	-1,233	-1,223	0,249	46,667	0,026	-205,121	0,000	-14,332	0,000	-12,613	0,000
	17502	5	4,500	-6,701	-204,895	-14,331	-1,271	-1,647	0,313	46,667	0,035	-205,135	0,000	-14,331	0,000	-12,627	0,000
EmbeddedBeamRow_1_1	17502	1	4,500	-6,701	-204,896	-14,330	-1,271	-6,600	1,185	46,667	0,141	-205,136	0,000	-14,330	0,000	-12,627	0,000
Element 1-2 (Embedded beam row)	17503	2	4,500	-6,766	-205,582	-14,257	-2,208	-6,539	1,113	46,667	0,140	-205,786	0,000	-14,257	0,000	-12,978	0,000
(palo 1500)	17504	3	4,500	-6,832	-206,268	-14,184	-3,141	-6,521	1,117	46,667	0,140	-206,435	0,000	-14,184	0,000	-13,328	0,000
	17505	4	4,500	-6,897	-206,954	-14,110	-4,069	-6,515	1,132	46,667	0,140	-207,084	0,000	-14,110	0,000	-13,676	0,000
	17506	5	4,500	-6,963	-207,638	-14,035	-4,992	-6,513	1,151	46,667	0,140	-207,732	0,000	-14,035	0,000	-14,023	0,000
EmbeddedBeamRow_1_1	17506	1	4,500	-6,963	-207,638	-14,035	-4,992	-6,513	1,151	46,667	0,140	-207,733	0,000	-14,035	0,000	-14,023	0,000
Element 1-3 (Embedded beam row)	17507	2	4,500	-7,040	-208,446	-13,945	-6,074	-6,511	1,178	46,667	0,140	-208,498	0,000	-13,945	0,000	-14,430	0,000
(palo 1500)	17508	3	4,500	-7,118	-209,253	-13,853	-7,150	-6,508	1,211	46,667	0,139	-209,264	0,000	-13,853	0,000	-14,835	0,000
	17509	4	4,500	-7,195	-210,061	-13,757	-8,218	-6,504	1,248	46,667	0,139	-210,061	0,000	-13,757	0,000	-15,238	0,000
	17510	5	4,500	-7,272	-210,867	-13,660	-9,279	-6,497	1,289	46,667	0,139	-210,867	0,000	-13,660	0,000	-15,638	0,000
EmbeddedBeamRow_1_1	17510	1	4,500	-7,272	-210,868	-13,659	-9,279	-6,497	1,289	46,667	0,139	-210,868	0,000	-13,659	0,000	-15,638	0,000
Element 1-4 (Embedded beam row)	17511	2	4,500	-7,364	-211,818	-13,540	-10,520	-6,486	1,341	46,667	0,139	-211,818	0,000	-13,540	0,000	-16,106	0,000
(palo 1500)	17512	3	4,500	-7,455	-212,768	-13,415	-11,750	-6,472	1,397	46,667	0,139	-212,768	0,000	-13,415	0,000	-16,571	0,000
	17513	4	4,500	-7,546	-213,717	-13,284	-12,969	-6,452	1,457	46,667	0,138	-213,717	0,000	-13,284	0,000	-17,129	0,000
	17514	5	4,500	-7,638	-214,663	-13,149	-14,175	-6,428	1,519	46,667	0,138	-214,663	0,000	-13,149	0,000	-17,713	0,000
EmbeddedBeamRow_1_1	17514	1	4,500	-7,638	-214,663	-13,148	-14,175	-6,428	1,519	46,667	0,138	-214,663	0,000	-13,148	0,000	-17,713	0,000
Element 1-5 (Embedded beam row)	17515	2	4,500	-7,745	-215,776	-12,981	-15,581	-6,394	1,596	46,667	0,137	-215,776	0,000	-12,981	0,000	-18,395	0,000
(palo 1500)	17516	3	4,500	-7,853	-216,885	-12,805	-16,970	-6,352	1,676	46,667	0,136	-216,885	0,000	-12,805	0,000	-19,068	0,000
	17517	4	4,500	-7,961	-217,989	-12,620	-18,339	-6,303	1,759	46,667	0,135	-217,989	0,000	-12,620	0,000	-19,732	0,000
	17518	5	4,500	-8,068	-219,088	-12,426	-19,687	-6,246	1,842	46,667	0,134	-219,088	0,000	-12,426	0,000	-20,385	0,000
EmbeddedBeamRow_1_1	17518	1	4,500	-8,068	-219,087	-12,426	-19,687	-6,246	1,842	46,667	0,134	-219,087	0,000	-12,426	0,000	-20,385	0,000
Element 1-6 (Embedded beam row)	17519	2	4,500	-8,195	-220,375	-12,186	-21,250	-6,170	1,941	46,667	0,132	-220,375	0,000	-12,186	0,000	-21,347	0,000
(palo 1500)	17520	3	4,500	-8,322	-221,652	-11,933	-22,782	-6,084	2,041	46,667	0,130	-221,652	0,000	-11,933	0,000	-22,790	0,000
	17521	4	4,500	-8,449	-222,918	-11,667	-24,281	-5,987	2,139	46,667	0,128	-222,918	0,000	-11,667	0,000	-24,281	0,000
	17522	5	4,500	-8,576	-224,170	-11,389	-25,745	-5,880	2,236	46,667	0,126	-224,170	0,000	-11,389	0,000	-25,745	0,000
EmbeddedBeamRow_1_1	17522	1	4,500	-8,576	-224,170	-11,390	-25,745	-5,880	2,236	46,667	0,126	-224,170	0,000	-11,390	0,000	-25,745	0,000
Element 1-7 (Embedded beam row)	17523	2	4,500	-8,726	-225,630	-11,046	-27,426	-5,743	2,346	46,667	0,123	-225,630	0,000	-11,046	0,000	-27,426	0,000

Structural element	Node [10⁻³]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N --- [kN/m]	N --- [kN/m]	Q --- [kN/m]	Q --- [kN/m]	M --- [kN m/m]	M --- [kN m/m]
(palo 1500)	17524	3	4,500	-8,876	-227,067	-10,687	-29,055	-5,592	2,450	46,667	0,120	-227,067	0,000	-10,687	0,000	-29,055	0,000
	17525	4	4,500	-9,026	-228,482	-10,312	-30,629	-5,430	2,548	46,667	0,116	-228,482	0,000	-10,312	0,000	-30,629	0,000
	17526	5	4,500	-9,176	-229,871	-9,923	-32,144	-5,257	2,638	46,667	0,113	-229,871	0,000	-9,923	0,000	-32,144	0,000
EmbeddedBeamRow_1_1	17526	1	4,500	-9,176	-229,870	-9,924	-32,144	-5,257	2,638	46,667	0,113	-229,870	0,000	-9,924	0,000	-32,144	0,000
Element 1-8 (Embedded beam row)	17527	2	4,500	-9,352	-231,475	-9,448	-33,856	-5,040	2,733	46,667	0,108	-231,475	0,000	-9,448	0,000	-33,856	0,000
(palo 1500)	17528	3	4,500	-9,529	-233,040	-8,958	-35,483	-4,811	2,815	46,667	0,103	-233,040	0,000	-8,958	0,000	-35,483	0,000
	17529	4	4,500	-9,706	-234,564	-8,454	-37,023	-4,572	2,883	46,667	0,098	-234,564	0,000	-8,454	0,000	-37,023	0,000
	17530	5	4,500	-9,883	-236,044	-7,939	-38,472	-4,324	2,935	46,667	0,093	-236,044	0,000	-7,939	0,000	-38,472	0,000
EmbeddedBeamRow_1_1	17530	1	4,500	-9,883	-236,044	-7,941	-38,472	-4,324	2,935	46,667	0,093	-236,044	0,000	-7,941	0,000	-38,472	0,000
Element 1-9 (Embedded beam row)	17531	2	4,500	-10,091	-237,733	-7,322	-40,063	-4,023	2,977	46,667	0,086	-237,733	0,000	-7,322	0,000	-40,063	0,000
(palo 1500)	17532	3	4,500	-10,300	-239,359	-6,699	-41,525	-3,715	2,998	46,667	0,080	-239,359	0,000	-6,699	0,000	-41,525	0,000
	17533	4	4,500	-10,508	-240,920	-6,075	-42,857	-3,402	2,998	46,667	0,073	-240,920	0,000	-6,075	0,025	-42,857	0,000
	17534	5	4,500	-10,717	-242,415	-5,449	-44,058	-3,088	2,977	46,667	0,066	-242,415	0,000	-5,449	0,180	-44,058	0,000
EmbeddedBeamRow_1_1	17534	1	4,500	-10,717	-242,416	-5,453	-44,058	-3,088	2,977	46,667	0,066	-242,416	0,000	-5,453	0,180	-44,058	0,000
Element 1-10 (Embedded beam row)	17535	2	4,500	-10,963	-244,095	-4,723	-45,309	-2,717	2,928	46,667	0,058	-244,095	0,000	-4,723	0,348	-45,309	0,000
(palo 1500)	17536	3	4,500	-11,209	-245,684	-4,012	-46,383	-2,349	2,854	46,667	0,050	-245,684	0,000	-4,012	0,499	-46,383	0,000
	17537	4	4,500	-11,455	-247,184	-3,323	-47,285	-1,987	2,755	46,667	0,043	-247,184	0,000	-3,323	0,632	-47,285	0,000
	17538	5	4,500	-11,701	-248,593	-2,656	-48,020	-1,629	2,628	46,667	0,035	-248,593	0,000	-2,656	0,748	-48,020	0,000
EmbeddedBeamRow_1_1	17538	1	4,500	-11,701	-248,596	-2,661	-48,020	-2,443	3,941	46,667	0,052	-248,596	0,000	-2,661	0,748	-48,020	0,000
Element 1-11 (Embedded beam row)	17539	2	4,500	-11,952	-250,123	-1,691	-48,565	-1,890	3,763	46,667	0,041	-250,123	0,000	-1,691	0,909	-48,565	0,000
(palo 1500)	17540	3	4,500	-12,203	-251,516	-0,771	-48,873	-1,353	3,568	46,667	0,029	-251,516	0,000	-0,771	1,058	-48,873	0,000
	17541	4	4,500	-12,454	-252,777	0,098	-48,956	-0,831	3,358	46,667	0,018	-252,777	0,000	0,000	1,194	-48,956	0,000
	17542	5	4,500	-12,705	-253,905	0,915	-48,828	-0,323	3,135	46,667	0,007	-253,905	0,000	0,000	1,524	-48,828	0,000
EmbeddedBeamRow_1_1	17542	1	4,500	-12,705	-253,909	0,913	-48,828	-0,323	3,135	46,667	0,007	-253,909	0,000	0,000	1,522	-48,828	0,000
Element 1-12 (Embedded beam row)	17543	2	4,500	-12,962	-254,932	1,688	-48,493	0,181	2,895	46,667	0,004	-254,932	0,000	0,000	1,900	-48,493	0,000
(palo 1500)	17544	3	4,500	-13,218	-255,831	2,400	-47,967	0,670	2,647	46,667	0,014	-255,831	0,000	0,000	2,400	-47,967	0,000
	17545	4	4,500	-13,475	-256,607	3,047	-47,266	1,144	2,395	46,667	0,025	-256,607	0,000	0,000	3,047	-47,266	0,000
	17546	5	4,500	-13,732	-257,260	3,629	-46,408	1,603	2,140	46,667	0,034	-257,260	0,000	0,000	3,629	-46,408	0,000
EmbeddedBeamRow_1_1	17546	1	4,500	-13,732	-257,263	3,629	-46,408	1,603	2,140	46,667	0,034	-257,263	0,000	0,000	3,629	-46,408	0,000
Element 1-13 (Embedded beam row)	17547	2	4,500	-13,994	-257,811	4,156	-45,385	2,056	1,879	46,667	0,044	-257,811	0,000	0,000	4,156	-45,385	0,000
(palo 1500)	17548	3	4,500	-14,257	-258,245	4,615	-44,233	2,495	1,620	46,667	0,053	-258,245	0,000	0,000	4,615	-44,233	0,000
	17549	4	4,500	-14,519	-258,565	5,007	-42,968	2,919	1,364	46,667	0,063	-258,565	0,000	0,000	5,007	-42,968	0,000
	17550	5	4,500	-14,781	-258,773	5,331	-41,611	3,329	1,113	46,667	0,071	-258,773	0,000	0,000	5,331	-41,611	0,000
EmbeddedBeamRow_1_1	17550	1	4,500	-14,781	-258,776	5,332	-41,611	3,329	1,113	46,667	0,071	-258,776	0,000	0,000	5,332	-41,611	0,000
Element 1-14 (Embedded beam row)	17551	2	4,500	-15,050	-258,880	5,596	-40,144	3,735	0,863	46,667	0,080	-258,880	0,000	0,000	5,596	-40,144	0,000
(palo 1500)	17552	3	4,500	-15,318	-258,879	5,795	-38,614	4,126	0,621	46,667	0,088	-258,879	0,000	0,000	5,795	-38,614	0,000

Structural element	Node [10⁻³]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
	17553	4	4,500	-15,586	-258,775	5,930	-37,039	4,505	0,386	46,667	0,097	-258,775	0,000	0,000	5,930	-37,039	0,000
	17554	5	4,500	-15,855	-258,569	6,002	-35,437	4,871	0,161	46,667	0,104	-258,569	0,000	0,000	6,002	-35,437	0,000
EmbeddedBeamRow_1_1	17554	1	4,500	-15,855	-258,572	6,005	-35,437	4,871	0,161	46,667	0,104	-258,572	0,000	0,000	6,005	-35,437	0,000
Element 1-15 (Embedded beam row)	17555	2	4,500	-16,129	-258,261	6,017	-33,787	5,232	-0,058	46,667	0,112	-258,261	0,000	0,000	6,017	-33,787	0,000
(palo 1500)	17556	3	4,500	-16,403	-257,855	5,972	-32,141	5,581	-0,267	46,667	0,120	-257,855	0,000	0,000	5,972	-32,141	0,000
	17557	4	4,500	-16,678	-257,356	5,873	-30,515	5,917	-0,462	46,667	0,127	-257,356	0,000	0,000	5,873	-30,515	0,000
	17558	5	4,500	-16,952	-256,763	5,718	-28,924	6,241	-0,643	46,667	0,134	-256,763	0,000	0,000	5,718	-28,924	0,000
EmbeddedBeamRow_1_1	17558	1	4,500	-16,952	-256,766	5,722	-28,924	6,241	-0,643	46,667	0,134	-256,766	0,000	0,000	5,722	-28,924	0,000
Element 1-16 (Embedded beam row)	17559	2	4,500	-17,232	-256,070	5,515	-27,348	6,559	-0,809	46,667	0,141	-256,070	0,000	0,000	5,515	-27,348	0,000
(palo 1500)	17560	3	4,500	-17,513	-255,290	5,268	-25,835	6,863	-0,956	46,667	0,147	-255,290	0,000	0,000	5,268	-25,835	0,000
	17561	4	4,500	-17,793	-254,426	4,983	-24,396	7,155	-1,083	46,667	0,153	-254,426	0,000	0,000	4,983	-24,396	0,356
	17562	5	4,500	-18,074	-253,479	4,661	-23,043	7,436	-1,188	46,667	0,159	-253,479	0,000	0,000	4,661	-23,043	0,762
EmbeddedBeamRow_1_1	17562	1	4,500	-18,074	-253,481	4,666	-23,043	7,436	-1,188	46,667	0,159	-253,481	0,000	0,000	4,666	-23,043	0,762
Element 1-17 (Embedded beam row)	17563	2	4,500	-18,360	-252,434	4,308	-21,757	7,712	-1,273	46,667	0,165	-252,434	0,000	0,000	4,308	-21,757	1,150
(palo 1500)	17564	3	4,500	-18,647	-251,311	3,936	-20,574	7,979	-1,332	46,667	0,171	-251,311	0,000	0,000	3,936	-20,574	1,510
	17565	4	4,500	-18,934	-250,112	3,550	-19,501	8,238	-1,365	46,667	0,177	-250,112	0,000	0,000	3,550	-19,501	1,840
	17566	5	4,500	-19,221	-248,839	3,153	-18,540	8,492	-1,370	46,667	0,182	-248,839	0,000	0,000	3,153	-18,540	2,139
EmbeddedBeamRow_1_1	17566	1	4,500	-19,221	-248,839	3,159	-18,540	8,492	-1,370	46,667	0,182	-248,839	0,000	0,000	3,159	-18,540	2,139
Element 1-18 (Embedded beam row)	17567	2	4,500	-19,514	-247,464	2,755	-17,674	8,749	-1,348	46,667	0,187	-247,464	0,000	0,000	2,755	-17,674	2,413
(palo 1500)	17568	3	4,500	-19,807	-246,012	2,368	-16,923	9,006	-1,297	46,667	0,193	-246,012	0,000	0,000	2,368	-16,923	2,655
	17569	4	4,500	-20,100	-244,485	2,000	-16,283	9,267	-1,220	46,667	0,199	-244,485	0,000	0,000	2,000	-16,283	2,864
	17570	5	4,500	-20,393	-242,882	1,652	-15,748	9,534	-1,121	46,667	0,204	-242,882	0,000	0,000	1,652	-15,748	3,042
EmbeddedBeamRow_1_1	17570	1	4,500	-20,393	-242,879	1,657	-15,748	9,534	-1,121	46,667	0,204	-242,879	0,000	0,000	1,657	-15,748	3,042
Element 1-19 (Embedded beam row)	17571	2	4,500	-20,693	-241,159	1,337	-15,301	9,817	-0,998	46,667	0,210	-241,159	0,000	0,000	1,337	-15,301	3,192
(palo 1500)	17572	3	4,500	-20,992	-239,349	1,059	-14,943	10,113	-0,860	46,667	0,217	-239,349	0,000	0,000	1,059	-14,943	3,310
	17573	4	4,500	-21,292	-237,448	0,824	-14,662	10,422	-0,710	46,667	0,223	-237,448	0,000	0,000	0,824	-14,662	3,399
	17574	5	4,500	-21,592	-235,457	0,633	-14,445	10,745	-0,555	46,667	0,230	-235,457	0,000	0,000	0,633	-14,445	3,459
EmbeddedBeamRow_1_1	17574	1	4,500	-21,592	-235,453	0,633	-14,445	10,745	-0,555	46,667	0,230	-235,453	0,000	0,000	0,633	-14,445	3,459
Element 1-20 (Embedded beam row)	17575	2	4,500	-21,898	-233,315	0,488	-14,274	11,090	-0,394	46,667	0,238	-233,315	0,000	0,000	0,488	-14,274	3,493
(palo 1500)	17576	3	4,500	-22,205	-231,064	0,392	-14,141	11,449	-0,235	46,667	0,245	-231,064	0,000	-0,018	0,392	-14,141	3,500
	17577	4	4,500	-22,511	-228,702	0,343	-14,029	11,820	-0,083	46,667	0,253	-228,702	0,000	-0,096	0,343	-14,029	3,483
	17578	5	4,500	-22,817	-226,228	0,341	-13,926	12,200	0,060	46,667	0,261	-226,228	0,000	-0,169	0,341	-13,926	3,442
EmbeddedBeamRow_1_1	17578	1	4,500	-22,817	-226,225	0,338	-13,926	12,200	0,060	46,667	0,261	-226,225	0,000	-0,169	0,338	-13,926	3,442
Element 1-21 (Embedded beam row)	17579	2	4,500	-23,131	-223,574	0,381	-13,814	12,597	0,195	46,667	0,270	-223,574	0,000	-0,237	0,381	-13,814	3,378
(palo 1500)	17580	3	4,500	-23,444	-220,794	0,461	-13,683	13,000	0,316	46,667	0,279	-220,794	0,000	-0,299	0,461	-13,683	3,294
	17581	4	4,500	-23,757	-217,888	0,576	-13,522	13,405	0,421	46,667	0,287	-217,888	0,000	-0,356	0,576	-13,522	3,192

Structural element	Node [10⁻]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N-- - [kN/m]	N --- [kN/m]	Q-- - [kN/m]	Q --- [kN/m]	M - - [kN m/m]	M --- [kN m/m]
	17582	5	4,500	-24,070	-214,857	0,725	-13,319	13,813	0,510	46,667	0,296	-214,857	0,000	-0,407	0,725	-13,319	3,072
EmbeddedBeamRow_1_1	17582	1	4,500	-24,070	-214,855	0,720	-13,319	13,813	0,510	46,667	0,296	-214,855	0,000	-0,407	0,720	-13,319	3,072
Element 1-22 (Embedded beam row)	17583	2	4,500	-24,391	-211,624	0,899	-13,060	14,228	0,583	46,667	0,305	-211,624	0,000	-0,454	0,899	-13,060	2,934
(palo 1500)	17584	3	4,500	-24,711	-208,258	1,095	-12,741	14,641	0,640	46,667	0,314	-208,258	0,000	-0,495	1,095	-12,741	2,782
	17585	4	4,500	-25,031	-204,761	1,305	-12,357	15,051	0,677	46,667	0,323	-204,761	0,000	-0,531	1,305	-12,357	2,617
	17586	5	4,500	-25,351	-201,134	1,529	-11,904	15,455	0,698	46,667	0,331	-201,134	0,000	-0,561	1,529	-11,904	2,443
EmbeddedBeamRow_1_1	17586	1	4,500	-25,351	-201,134	1,524	-11,904	15,455	0,698	46,667	0,331	-201,134	0,000	-0,561	1,524	-11,904	2,443
Element 1-23 (Embedded beam row)	17587	2	4,500	-25,679	-197,293	1,757	-11,367	15,863	0,699	46,667	0,340	-197,293	0,000	-0,586	1,757	-11,367	2,255
(palo 1500)	17588	3	4,500	-26,006	-193,319	1,982	-10,754	16,263	0,681	46,667	0,348	-193,319	0,000	-0,605	1,982	-10,754	2,059
	17589	4	4,500	-26,334	-189,215	2,198	-10,070	16,654	0,643	46,667	0,357	-189,215	0,000	-0,617	2,198	-10,070	1,859
	17590	5	4,500	-26,661	-184,986	2,404	-9,316	17,038	0,587	46,667	0,365	-184,986	0,000	-0,623	2,404	-9,316	1,656
EmbeddedBeamRow_1_1	17590	1	4,500	-26,661	-184,987	2,398	-9,316	17,038	0,587	46,667	0,365	-184,987	0,000	-0,623	2,398	-9,316	1,656
Element 1-24 (Embedded beam row)	17591	2	4,500	-26,996	-180,533	2,586	-8,481	17,418	0,505	46,667	0,373	-180,533	0,000	-0,620	2,586	-8,481	1,448
(palo 1500)	17592	3	4,500	-27,331	-175,955	2,737	-7,589	17,782	0,400	46,667	0,381	-175,955	0,000	-0,609	2,737	-7,589	1,242
	17593	4	4,500	-27,665	-171,260	2,847	-6,653	18,127	0,268	46,667	0,388	-171,260	0,000	-0,587	2,847	-6,653	1,041
	17594	5	4,500	-28,000	-166,450	2,916	-5,687	18,431	0,105	46,667	0,395	-166,450	0,000	-0,556	2,916	-5,687	0,850
EmbeddedBeamRow_1_1	17594	1	4,500	-28,000	-166,547	2,865	-5,687	18,431	0,105	46,667	0,395	-166,547	0,000	-0,555	2,865	-5,687	0,850
Element 1-25 (Embedded beam row)	17595	2	4,500	-28,673	-156,447	2,865	-3,737	18,996	-0,335	46,667	0,407	-156,447	0,000	-0,469	2,865	-3,737	0,504
(palo 1500)	17596	3	4,500	-29,345	-146,237	2,422	-1,932	19,372	-0,955	46,667	0,415	-146,237	0,000	-0,346	2,422	-1,932	0,227
	17597	4	4,500	-30,018	-136,038	1,517	-0,582	18,961	-1,709	46,667	0,406	-136,038	0,000	-0,178	1,517	-0,582	0,048
	17598	5	4,500	-30,690	-125,974	0,132	0,000	16,851	-3,045	46,667	0,361	-125,974	0,000	0,000	0,132	0,000	0,000
EmbeddedBeamRow_2_1	17599	1	12,300	-6,690	-185,466	14,670	-72,677	0,000	0,000	46,667	0,000	-189,026	0,000	0,000	14,670	-72,677	0,287
Element 2-26 (Embedded beam row)	17600	2	12,300	-6,816	-185,967	14,649	-70,831	-0,064	-0,163	46,667	0,001	-189,525	0,000	0,000	14,649	-70,831	0,444
(palo 1500)	17601	3	12,300	-6,942	-186,472	14,628	-68,986	-0,095	-0,174	46,667	0,002	-190,027	0,000	0,000	14,628	-68,986	0,614
	17602	4	12,300	-7,068	-186,981	14,607	-67,144	-0,130	-0,165	46,667	0,003	-190,532	0,000	0,000	14,607	-67,144	0,783
	17603	5	12,300	-7,194	-187,494	14,586	-65,306	-0,170	-0,173	46,667	0,004	-191,040	0,000	0,000	14,586	-65,306	0,950
EmbeddedBeamRow_2_1	17603	1	12,300	-7,194	-187,495	14,585	-65,306	-0,170	-0,173	46,667	0,004	-191,040	0,000	0,000	14,585	-65,306	0,950
Element 2-27 (Embedded beam row)	17604	2	12,300	-7,364	-188,195	14,555	-62,831	-0,234	-0,202	46,667	0,005	-191,729	0,000	0,000	14,555	-62,831	1,173
(palo 1500)	17605	3	12,300	-7,534	-188,909	14,516	-60,360	-0,313	-0,251	46,667	0,007	-192,422	0,000	0,000	14,516	-60,360	1,391
	17606	4	12,300	-7,704	-189,638	14,467	-57,898	-0,415	-0,324	46,667	0,009	-193,121	0,000	0,000	14,467	-57,898	1,605
	17607	5	12,300	-7,874	-190,384	14,407	-55,445	-0,545	-0,419	46,667	0,012	-193,825	0,000	0,000	14,407	-55,445	1,821
EmbeddedBeamRow_2_1	17607	1	12,300	-7,874	-190,399	14,402	-55,445	-0,545	-0,419	46,667	0,012	-193,828	0,000	0,000	14,402	-55,445	1,821
Element 2-28 (Embedded beam row)	17608	2	12,300	-8,103	-191,430	14,291	-52,158	-0,795	-0,590	46,667	0,017	-194,787	0,000	0,000	14,291	-52,158	2,101
(palo 1500)	17609	3	12,300	-8,332	-192,556	14,133	-48,900	-1,121	-0,782	46,667	0,024	-195,767	0,000	0,000	14,133	-48,900	2,366
	17610	4	12,300	-8,561	-193,792	13,922	-45,684	-1,748	-1,039	46,667	0,037	-196,770	0,000	0,000	13,922	-45,684	2,618
	17611	5	12,300	-8,790	-195,151	13,658	-42,524	-3,446	-1,527	46,667	0,074	-197,797	0,000	0,000	13,658	-42,524	2,856

Structural element	Node [10⁻]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
EmbeddedBeamRow_2_1	17611	1	12,300	-8,790	-195,241	13,643	-42,524	-6,721	-2,977	46,667	0,144	-197,812	0,000	0,000	13,643	-42,524	2,856
Element 2-29 (Embedded beam row)	17612	2	12,300	-9,040	-197,854	12,891	-39,209	-6,408	-2,990	46,667	0,137	-199,163	0,000	0,000	12,891	-39,209	3,096
(palo 1500)	17613	3	12,300	-9,290	-200,407	12,148	-36,078	-6,158	-2,957	46,667	0,132	-200,583	0,000	0,000	12,148	-36,078	3,309
	17614	4	12,300	-9,540	-202,900	11,415	-33,132	-5,921	-2,909	46,667	0,127	-202,927	0,000	0,000	11,415	-33,132	3,492
	17615	5	12,300	-9,790	-205,330	10,694	-30,369	-5,684	-2,840	46,667	0,122	-205,330	0,000	0,000	10,694	-30,369	3,644
EmbeddedBeamRow_2_1	17615	1	12,300	-9,790	-205,332	10,696	-30,369	-5,684	-2,840	46,667	0,122	-205,332	0,000	0,000	10,696	-30,369	3,644
Element 2-30 (Embedded beam row)	17616	2	12,300	-10,040	-207,704	9,994	-27,784	-5,452	-2,766	46,667	0,117	-207,704	0,000	0,000	9,994	-27,784	3,765
(palo 1500)	17617	3	12,300	-10,290	-210,021	9,313	-25,371	-5,220	-2,685	46,667	0,112	-210,021	0,000	0,000	9,313	-25,371	3,855
	17618	4	12,300	-10,540	-212,279	8,653	-23,125	-4,985	-2,597	46,667	0,107	-212,279	0,000	0,000	8,653	-23,125	3,915
	17619	5	12,300	-10,790	-214,476	8,014	-21,043	-4,748	-2,503	46,667	0,102	-214,476	0,000	0,000	8,014	-21,043	3,945
EmbeddedBeamRow_2_1	17619	1	12,300	-10,790	-214,477	8,015	-21,043	-4,748	-2,503	46,667	0,102	-214,477	0,000	0,000	8,015	-21,043	3,945
Element 2-31 (Embedded beam row)	17620	2	12,300	-11,040	-216,615	7,401	-19,116	-4,508	-2,404	46,667	0,097	-216,615	0,000	-0,060	7,401	-19,116	3,946
(palo 1500)	17621	3	12,300	-11,290	-218,694	6,813	-17,340	-4,265	-2,300	46,667	0,091	-218,694	0,000	-0,162	6,813	-17,340	3,920
	17622	4	12,300	-11,540	-220,712	6,252	-15,707	-4,019	-2,192	46,667	0,086	-220,712	0,000	-0,261	6,252	-15,707	3,867
	17623	5	12,300	-11,790	-222,667	5,717	-14,212	-3,771	-2,082	46,667	0,081	-222,667	0,000	-0,354	5,717	-14,212	3,790
EmbeddedBeamRow_2_1	17623	1	12,300	-11,790	-222,667	5,717	-14,212	-3,771	-2,082	46,667	0,081	-222,667	0,000	-0,353	5,717	-14,212	3,790
Element 2-32 (Embedded beam row)	17624	2	12,300	-12,040	-224,560	5,211	-12,847	-3,519	-1,969	46,667	0,075	-224,560	0,000	-0,436	5,211	-12,847	3,691
(palo 1500)	17625	3	12,300	-12,290	-226,390	4,733	-11,604	-3,265	-1,856	46,667	0,070	-226,390	0,000	-0,508	4,733	-11,604	3,573
	17626	4	12,300	-12,540	-228,156	4,283	-10,477	-3,010	-1,743	46,667	0,064	-228,156	0,000	-0,568	4,283	-10,477	3,438
	17627	5	12,300	-12,790	-229,858	3,861	-9,460	-2,752	-1,631	46,667	0,059	-229,858	0,000	-0,616	3,861	-9,460	3,290
EmbeddedBeamRow_2_1	17627	1	12,300	-12,790	-229,859	3,860	-9,460	-2,752	-1,631	46,667	0,059	-229,859	0,000	-0,615	3,860	-9,460	3,290
Element 2-33 (Embedded beam row)	17628	2	12,300	-13,040	-231,495	3,468	-8,545	-2,491	-1,521	46,667	0,053	-231,495	0,000	-0,649	3,468	-8,545	3,131
(palo 1500)	17629	3	12,300	-13,290	-233,067	3,100	-7,724	-2,229	-1,416	46,667	0,048	-233,067	0,000	-0,667	3,100	-7,724	2,967
	17630	4	12,300	-13,540	-234,574	2,759	-6,992	-1,970	-1,317	46,667	0,042	-234,574	0,000	-0,669	2,759	-6,992	2,799
	17631	5	12,300	-13,790	-236,015	2,442	-6,343	-1,703	-1,249	46,667	0,036	-236,015	0,000	-0,654	2,442	-6,343	2,634
EmbeddedBeamRow_2_1	17631	1	12,300	-13,790	-236,015	2,440	-6,343	-2,555	-1,873	46,667	0,055	-236,015	0,000	-0,655	2,440	-6,343	2,634
Element 2-34 (Embedded beam row)	17632	2	12,300	-14,045	-237,616	1,978	-5,780	-2,136	-1,742	46,667	0,046	-237,616	0,000	-0,624	1,978	-5,780	2,470
(palo 1500)	17633	3	12,300	-14,301	-239,112	1,550	-5,330	-1,723	-1,605	46,667	0,037	-239,112	0,000	-0,592	1,550	-5,330	2,315
	17634	4	12,300	-14,556	-240,501	1,157	-4,985	-1,304	-1,475	46,667	0,028	-240,501	0,000	-0,559	1,157	-4,985	2,168
	17635	5	12,300	-14,811	-241,783	0,797	-4,736	-0,880	-1,350	46,667	0,019	-241,783	0,000	-0,526	0,797	-4,736	2,030
EmbeddedBeamRow_2_1	17635	1	12,300	-14,811	-241,783	0,796	-4,736	-0,880	-1,350	46,667	0,019	-241,783	0,000	-0,526	0,796	-4,736	2,030
Element 2-35 (Embedded beam row)	17636	2	12,300	-15,074	-242,985	0,459	-4,572	-0,445	-1,232	46,667	0,010	-242,985	0,000	-0,493	0,459	-4,572	1,896
(palo 1500)	17637	3	12,300	-15,336	-244,074	0,150	-4,493	-0,009	-1,122	46,667	0,000	-244,074	0,000	-0,463	0,162	-4,493	1,771
	17638	4	12,300	-15,598	-245,049	-0,131	-4,491	0,426	-1,016	46,667	0,009	-245,049	0,000	-0,438	0,042	-4,491	1,654
	17639	5	12,300	-15,860	-245,909	-0,383	-4,559	0,859	-0,912	46,667	0,018	-245,909	0,000	-0,414	0,000	-4,559	1,545
EmbeddedBeamRow_2_1	17639	1	12,300	-15,860	-245,910	-0,383	-4,559	0,859	-0,912	46,667	0,018	-245,910	0,000	-0,414	0,000	-4,559	1,545

Structural element	Node [10⁻¹]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
Element 2-36 (Embedded beam row)	17640	2	12,300	-16,129	-246,676	-0,614	-4,694	1,301	-0,808	46,667	0,028	-246,676	0,000	-0,614	0,000	-4,694	1,440
(palo 1500)	17641	3	12,300	-16,398	-247,323	-0,818	-4,887	1,741	-0,708	46,667	0,037	-247,323	0,000	-0,818	0,000	-4,887	1,342
	17642	4	12,300	-16,667	-247,853	-0,996	-5,132	2,179	-0,610	46,667	0,047	-247,853	0,000	-0,996	0,000	-5,132	1,251
	17643	5	12,300	-16,936	-248,263	-1,146	-5,421	2,616	-0,517	46,667	0,056	-248,263	0,000	-1,146	0,000	-5,421	1,167
EmbeddedBeamRow_2_1	17643	1	12,300	-16,936	-248,264	-1,147	-5,421	2,616	-0,517	46,667	0,056	-248,264	0,000	-1,147	0,000	-5,421	1,167
Element 2-37 (Embedded beam row)	17644	2	12,300	-17,212	-248,564	-1,277	-5,756	3,063	-0,424	46,667	0,066	-248,564	0,000	-1,277	0,000	-5,756	1,089
(palo 1500)	17645	3	12,300	-17,488	-248,741	-1,381	-6,123	3,508	-0,334	46,667	0,075	-248,741	0,000	-1,381	0,000	-6,123	1,018
	17646	4	12,300	-17,765	-248,796	-1,462	-6,517	3,951	-0,248	46,667	0,085	-248,796	0,000	-1,462	0,000	-6,517	0,954
	17647	5	12,300	-18,041	-248,728	-1,518	-6,929	4,392	-0,164	46,667	0,094	-248,728	0,000	-1,518	0,000	-6,929	0,899
EmbeddedBeamRow_2_1	17647	1	12,300	-18,041	-248,729	-1,519	-6,929	4,392	-0,164	46,667	0,094	-248,729	0,000	-1,519	0,000	-6,929	0,899
Element 2-38 (Embedded beam row)	17648	2	12,300	-18,324	-248,533	-1,553	-7,364	4,843	-0,081	46,667	0,104	-248,533	0,000	-1,553	0,000	-7,364	0,851
(palo 1500)	17649	3	12,300	-18,608	-248,209	-1,564	-7,807	5,292	0,000	46,667	0,113	-248,209	0,000	-1,564	0,000	-7,807	0,812
	17650	4	12,300	-18,891	-247,759	-1,553	-8,249	5,740	0,078	46,667	0,123	-247,759	0,000	-1,553	0,000	-8,249	0,782
	17651	5	12,300	-19,175	-247,182	-1,520	-8,686	6,185	0,153	46,667	0,133	-247,182	0,000	-1,520	0,000	-8,686	0,763
EmbeddedBeamRow_2_1	17651	1	12,300	-19,175	-247,182	-1,521	-8,686	6,185	0,153	46,667	0,133	-247,182	0,000	-1,521	0,000	-8,686	0,763
Element 2-39 (Embedded beam row)	17652	2	12,300	-19,466	-246,458	-1,465	-9,120	6,640	0,226	46,667	0,142	-246,458	0,000	-1,465	0,000	-9,120	0,754
(palo 1500)	17653	3	12,300	-19,757	-245,603	-1,389	-9,536	7,092	0,294	46,667	0,152	-245,603	0,000	-1,389	0,030	-9,536	0,757
	17654	4	12,300	-20,048	-244,616	-1,295	-9,927	7,542	0,358	46,667	0,162	-244,616	0,000	-1,295	0,073	-9,927	0,772
	17655	5	12,300	-20,339	-243,499	-1,181	-10,288	7,989	0,417	46,667	0,171	-243,499	0,000	-1,181	0,116	-10,288	0,799
EmbeddedBeamRow_2_1	17655	1	12,300	-20,339	-243,500	-1,182	-10,288	7,989	0,417	46,667	0,171	-243,500	0,000	-1,182	0,115	-10,288	0,799
Element 2-40 (Embedded beam row)	17656	2	12,300	-20,638	-242,218	-1,049	-10,622	8,444	0,471	46,667	0,181	-242,218	0,000	-1,049	0,159	-10,622	0,840
(palo 1500)	17657	3	12,300	-20,936	-240,801	-0,901	-10,913	8,897	0,519	46,667	0,191	-240,801	0,000	-0,901	0,201	-10,913	0,894
	17658	4	12,300	-21,235	-239,249	-0,740	-11,159	9,345	0,560	46,667	0,200	-239,249	0,000	-0,740	0,241	-11,159	0,960
	17659	5	12,300	-21,534	-237,564	-0,566	-11,354	9,788	0,593	46,667	0,210	-237,564	0,000	-0,566	0,278	-11,354	1,037
EmbeddedBeamRow_2_1	17659	1	12,300	-21,534	-237,565	-0,568	-11,354	9,788	0,593	46,667	0,210	-237,565	0,000	-0,568	0,277	-11,354	1,037
Element 2-41 (Embedded beam row)	17660	2	12,300	-21,840	-235,699	-0,381	-11,500	10,235	0,617	46,667	0,219	-235,699	0,000	-0,381	0,310	-11,500	1,128
(palo 1500)	17661	3	12,300	-22,147	-233,696	-0,190	-11,587	10,677	0,631	46,667	0,229	-233,696	0,000	-0,190	0,334	-11,587	1,227
	17662	4	12,300	-22,454	-231,559	0,004	-11,616	11,115	0,638	46,667	0,238	-231,559	0,000	0,000	0,350	-11,616	1,332
	17663	5	12,300	-22,760	-229,289	0,201	-11,584	11,551	0,639	46,667	0,248	-229,289	0,000	0,000	0,407	-11,584	1,440
EmbeddedBeamRow_2_1	17663	1	12,300	-22,760	-229,288	0,200	-11,584	11,551	0,639	46,667	0,248	-229,288	0,000	0,000	0,406	-11,584	1,440
Element 2-42 (Embedded beam row)	17664	2	12,300	-23,075	-226,819	0,401	-11,490	11,998	0,635	46,667	0,257	-226,819	0,000	0,000	0,493	-11,490	1,552
(palo 1500)	17665	3	12,300	-23,390	-224,208	0,600	-11,332	12,443	0,628	46,667	0,267	-224,208	0,000	0,000	0,600	-11,332	1,661
	17666	4	12,300	-23,705	-221,457	0,796	-11,112	12,888	0,616	46,667	0,276	-221,457	0,000	0,000	0,796	-11,112	1,764
	17667	5	12,300	-24,019	-218,568	0,988	-10,831	13,334	0,605	46,667	0,286	-218,568	0,000	0,000	0,988	-10,831	1,858
EmbeddedBeamRow_2_1	17667	1	12,300	-24,019	-218,567	0,987	-10,831	13,334	0,605	46,667	0,286	-218,567	0,000	0,000	0,987	-10,831	1,858
Element 2-43 (Embedded beam row)	17668	2	12,300	-24,342	-215,455	1,181	-10,481	13,788	0,586	46,667	0,295	-215,455	0,000	0,000	1,181	-10,481	1,942

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
(palo 1500)	17669	3	12,300	-24,665	-212,196	1,366	-10,069	14,239	0,559	46,667	0,305	-212,196	0,000	0,000	1,366	-10,069	2,013
	17670	4	12,300	-24,989	-208,791	1,540	-9,600	14,684	0,522	46,667	0,315	-208,791	0,000	0,000	1,540	-9,600	2,067
	17671	5	12,300	-25,312	-205,245	1,703	-9,075	15,125	0,474	46,667	0,324	-205,245	0,000	0,000	1,703	-9,075	2,102
EmbeddedBeamRow_2_1	17671	1	12,300	-25,312	-205,245	1,701	-9,075	15,125	0,474	46,667	0,324	-205,245	0,000	0,000	1,701	-9,075	2,102
Element 2-44 (Embedded beam row)	17672	2	12,300	-25,643	-201,458	1,850	-8,486	15,570	0,415	46,667	0,334	-201,458	0,000	0,000	1,850	-8,486	2,116
(palo 1500)	17673	3	12,300	-25,975	-197,523	1,976	-7,851	16,009	0,346	46,667	0,343	-197,523	0,000	-0,075	1,976	-7,851	2,104
	17674	4	12,300	-26,307	-193,444	2,078	-7,178	16,440	0,267	46,667	0,352	-193,444	0,000	-0,161	2,078	-7,178	2,065
	17675	5	12,300	-26,638	-189,223	2,154	-6,475	16,864	0,181	46,667	0,361	-189,223	0,000	-0,251	2,154	-6,475	1,997
EmbeddedBeamRow_2_1	17675	1	12,300	-26,638	-189,224	2,152	-6,475	16,864	0,181	46,667	0,361	-189,224	0,000	-0,248	2,152	-6,475	1,997
Element 2-45 (Embedded beam row)	17676	2	12,300	-26,979	-184,747	2,198	-5,734	17,290	0,083	46,667	0,370	-184,747	0,000	-0,344	2,198	-5,734	1,896
(palo 1500)	17677	3	12,300	-27,319	-180,126	2,208	-4,983	17,709	-0,018	46,667	0,379	-180,126	0,000	-0,433	2,208	-4,983	1,764
	17678	4	12,300	-27,660	-175,365	2,184	-4,234	18,113	-0,123	46,667	0,388	-175,365	0,000	-0,513	2,184	-4,234	1,603
	17679	5	12,300	-28,000	-170,468	2,125	-3,500	18,465	-0,228	46,667	0,396	-170,468	0,000	-0,583	2,125	-3,500	1,416
EmbeddedBeamRow_2_1	17679	1	12,300	-28,000	-170,570	2,122	-3,500	18,465	-0,228	46,667	0,396	-170,570	0,000	-0,554	2,122	-3,500	1,416
Element 2-46 (Embedded beam row)	17680	2	12,300	-28,673	-160,404	1,876	-2,144	19,139	-0,513	46,667	0,410	-160,404	0,000	-0,671	1,876	-2,144	0,997
(palo 1500)	17681	3	12,300	-29,345	-150,066	1,431	-1,021	19,615	-0,818	46,667	0,420	-150,066	0,000	-0,638	1,431	-1,021	0,547
	17682	4	12,300	-30,018	-139,687	0,791	-0,263	19,264	-1,092	46,667	0,413	-139,687	0,000	-0,438	0,791	-0,263	0,176
	17683	5	12,300	-30,690	-129,394	-0,039	0,000	17,305	-1,188	46,667	0,371	-129,394	0,000	-0,052	0,000	0,000	0,000

3.3.2.1.11 Calculation results, Embedded beam row, Versante + SISMA [Phase_12] (11/41), Table of embedded pile row force envelopes

Structural element	Node [10 ˚]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T--- [kN/m/m]	T---,--- [kN/m/m]	T---,---	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
EmbeddedBeamRow_1_1	17498	1	4,500	-6,690	-199,837	-14,882	6,215	0,000	0,000	46,667	0,000	-205,085	0,000	-14,882	0,000	-12,570	6,215
Element 1-1 (Embedded beam row)	17499	2	4,500	-6,693	-199,848	-14,882	6,176	-0,400	0,090	46,667	0,009	-205,096	0,000	-14,882	0,000	-12,585	6,176
(palo 1500)	17500	3	4,500	-6,695	-199,860	-14,882	6,136	-0,808	0,163	46,667	0,017	-205,108	0,000	-14,882	0,000	-12,599	6,136
	17501	4	4,500	-6,698	-199,873	-14,881	6,097	-1,227	0,223	46,667	0,026	-205,121	0,000	-14,881	0,000	-12,613	6,097
	17502	5	4,500	-6,701	-199,888	-14,881	6,057	-1,656	0,273	46,667	0,035	-205,135	0,000	-14,881	0,000	-12,627	6,057
EmbeddedBeamRow_1_1	17502	1	4,500	-6,701	-199,888	-14,878	6,057	-6,632	1,029	46,667	0,142	-205,136	0,000	-14,878	0,000	-12,627	6,057
Element 1-2 (Embedded beam row)	17503	2	4,500	-6,766	-200,578	-14,819	5,083	-6,597	0,890	46,667	0,141	-205,786	0,000	-14,819	0,000	-12,978	5,083
(palo 1500)	17504	3	4,500	-6,832	-201,269	-14,762	4,113	-6,590	0,856	46,667	0,141	-206,435	0,000	-14,762	0,000	-13,328	4,113
	17505	4	4,500	-6,897	-201,959	-14,706	3,146	-6,592	0,842	46,667	0,141	-207,084	0,000	-14,706	0,000	-13,676	3,146
	17506	5	4,500	-6,963	-202,648	-14,651	2,184	-6,601	0,839	46,667	0,141	-207,732	0,000	-14,651	0,000	-14,023	2,184
EmbeddedBeamRow_1_1	17506	1	4,500	-6,963	-202,649	-14,651	2,184	-6,601	0,839	46,667	0,141	-207,733	0,000	-14,651	0,000	-14,023	2,184
Element 1-3 (Embedded beam row)	17507	2	4,500	-7,040	-203,464	-14,586	1,053	-6,611	0,846	46,667	0,142	-208,498	0,000	-14,586	0,000	-14,430	1,053
(palo 1500)	17508	3	4,500	-7,118	-204,279	-14,520	-0,073	-6,620	0,863	46,667	0,142	-209,264	0,000	-14,520	0,000	-14,835	0,000
	17509	4	4,500	-7,195	-205,096	-14,452	-1,194	-6,627	0,887	46,667	0,142	-210,061	0,000	-14,452	0,000	-15,238	0,000
	17510	5	4,500	-7,272	-205,912	-14,383	-2,310	-6,632	0,918	46,667	0,142	-210,867	0,000	-14,383	0,000	-15,638	0,000
EmbeddedBeamRow_1_1	17510	1	4,500	-7,272	-205,913	-14,382	-2,310	-6,632	0,918	46,667	0,142	-210,868	0,000	-14,382	0,000	-15,638	0,000
Element 1-4 (Embedded beam row)	17511	2	4,500	-7,364	-206,876	-14,297	-3,618	-6,636	0,962	46,667	0,142	-211,818	0,000	-14,297	0,000	-16,106	0,000
(palo 1500)	17512	3	4,500	-7,455	-207,841	-14,207	-4,919	-6,635	1,012	46,667	0,142	-212,768	0,000	-14,207	0,000	-16,571	0,000
	17513	4	4,500	-7,546	-208,804	-14,112	-6,212	-6,629	1,068	46,667	0,142	-213,717	0,000	-14,112	0,000	-17,129	0,000
	17514	5	4,500	-7,638	-209,767	-14,012	-7,495	-6,619	1,129	46,667	0,142	-214,663	0,000	-14,012	0,000	-17,713	0,000
EmbeddedBeamRow_1_1	17514	1	4,500	-7,638	-209,767	-14,011	-7,495	-6,619	1,129	46,667	0,142	-214,663	0,000	-14,011	0,000	-17,713	0,000
Element 1-5 (Embedded beam row)	17515	2	4,500	-7,745	-210,902	-13,886	-8,997	-6,601	1,208	46,667	0,141	-215,776	0,000	-13,886	0,000	-18,395	0,000
(palo 1500)	17516	3	4,500	-7,853	-212,034	-13,751	-10,485	-6,575	1,291	46,667	0,141	-216,885	0,000	-13,751	0,000	-19,068	0,000
	17517	4	4,500	-7,961	-213,163	-13,608	-11,958	-6,541	1,378	46,667	0,140	-217,989	0,000	-13,608	0,000	-19,732	0,000
	17518	5	4,500	-8,068	-214,288	-13,455	-13,415	-6,500	1,469	46,667	0,139	-219,088	0,000	-13,455	0,000	-20,385	0,000
EmbeddedBeamRow_1_1	17518	1	4,500	-8,068	-214,288	-13,454	-13,415	-6,500	1,469	46,667	0,139	-219,087	0,000	-13,454	0,000	-20,385	0,000
Element 1-6 (Embedded beam row)	17519	2	4,500	-8,195	-215,609	-13,261	-15,111	-6,441	1,579	46,667	0,138	-220,375	0,000	-13,261	0,000	-21,347	0,000
(palo 1500)	17520	3	4,500	-8,322	-216,922	-13,053	-16,783	-6,371	1,692	46,667	0,137	-221,652	0,000	-13,053	0,000	-22,790	0,000
	17521	4	4,500	-8,449	-218,225	-12,831	-18,427	-6,290	1,805	46,667	0,135	-222,918	0,000	-12,831	0,000	-24,281	0,000
	17522	5	4,500	-8,576	-219,517	-12,595	-20,042	-6,199	1,918	46,667	0,133	-224,170	0,000	-12,595	0,000	-25,745	0,000
EmbeddedBeamRow_1_1	17522	1	4,500	-8,576	-219,516	-12,595	-20,042	-6,199	1,918	46,667	0,133	-224,170	0,000	-12,595	0,000	-25,745	0,000
Element 1-7 (Embedded beam row)	17523	2	4,500	-8,726	-221,025	-12,297	-21,907	-6,077	2,050	46,667	0,130	-225,630	0,000	-12,297	0,000	-27,426	0,000

Structural element	Node [10⁻³]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
(palo 1500)	17524	3	4,500	-8,876	-222,514	-11,980	-23,726	-5,942	2,178	46,667	0,127	-227,067	0,000	-11,980	0,000	-29,055	0,000
	17525	4	4,500	-9,026	-223,982	-11,645	-25,497	-5,793	2,301	46,667	0,124	-228,482	0,000	-11,645	0,000	-30,629	0,000
	17526	5	4,500	-9,176	-225,427	-11,291	-27,215	-5,632	2,417	46,667	0,121	-229,871	0,000	-11,291	0,000	-32,144	0,000
EmbeddedBeamRow_1_1	17526	1	4,500	-9,176	-225,426	-11,292	-27,215	-5,632	2,417	46,667	0,121	-229,870	0,000	-11,292	0,000	-32,144	0,000
Element 1-8 (Embedded beam row)	17527	2	4,500	-9,352	-227,098	-10,852	-29,172	-5,427	2,544	46,667	0,116	-231,475	0,000	-10,852	0,000	-33,856	0,000
(palo 1500)	17528	3	4,500	-9,529	-228,732	-10,393	-31,050	-5,207	2,659	46,667	0,112	-233,040	0,000	-10,393	0,000	-35,483	0,000
	17529	4	4,500	-9,706	-230,326	-9,914	-32,845	-4,975	2,760	46,667	0,107	-234,564	0,000	-9,914	0,000	-37,023	0,000
	17530	5	4,500	-9,883	-231,879	-9,417	-34,554	-4,733	2,846	46,667	0,101	-236,044	0,000	-9,417	0,000	-38,472	0,000
EmbeddedBeamRow_1_1	17530	1	4,500	-9,883	-231,878	-9,420	-34,554	-4,733	2,846	46,667	0,101	-236,044	0,000	-9,420	0,000	-38,472	0,000
Element 1-9 (Embedded beam row)	17531	2	4,500	-10,091	-233,653	-8,815	-36,455	-4,435	2,927	46,667	0,095	-237,733	0,000	-8,815	0,000	-40,063	0,000
(palo 1500)	17532	3	4,500	-10,300	-235,365	-8,199	-38,229	-4,127	2,987	46,667	0,088	-239,359	0,000	-8,199	0,000	-41,525	0,000
	17533	4	4,500	-10,508	-237,012	-7,572	-39,874	-3,813	3,025	46,667	0,082	-240,920	0,000	-7,572	0,025	-42,857	0,000
	17534	5	4,500	-10,717	-238,592	-6,937	-41,386	-3,494	3,040	46,667	0,075	-242,415	0,000	-6,937	0,180	-44,058	0,000
EmbeddedBeamRow_1_1	17534	1	4,500	-10,717	-238,593	-6,941	-41,386	-3,494	3,040	46,667	0,075	-242,416	0,000	-6,941	0,180	-44,058	0,000
Element 1-10 (Embedded beam row)	17535	2	4,500	-10,963	-240,370	-6,190	-43,001	-3,115	3,033	46,667	0,067	-244,095	0,000	-6,190	0,348	-45,309	0,000
(palo 1500)	17536	3	4,500	-11,209	-242,057	-5,449	-44,432	-2,737	2,997	46,667	0,059	-245,684	0,000	-5,449	0,499	-46,383	0,000
	17537	4	4,500	-11,455	-243,650	-4,720	-45,683	-2,361	2,935	46,667	0,051	-247,184	0,000	-4,720	0,632	-47,285	0,000
	17538	5	4,500	-11,701	-245,150	-4,005	-46,755	-1,988	2,841	46,667	0,043	-248,593	0,000	-4,005	0,748	-48,020	0,000
EmbeddedBeamRow_1_1	17538	1	4,500	-11,701	-245,152	-4,010	-46,755	-2,981	4,261	46,667	0,064	-248,596	0,000	-4,010	0,748	-48,020	0,000
Element 1-11 (Embedded beam row)	17539	2	4,500	-11,952	-246,812	-2,959	-47,629	-2,414	4,088	46,667	0,052	-250,123	0,000	-2,959	0,909	-48,565	0,000
(palo 1500)	17540	3	4,500	-12,203	-248,336	-1,957	-48,245	-1,862	3,898	46,667	0,040	-251,516	0,000	-1,957	1,058	-48,873	0,000
	17541	4	4,500	-12,454	-249,722	-1,004	-48,616	-1,325	3,690	46,667	0,028	-252,777	0,000	-1,004	1,194	-48,956	0,000
	17542	5	4,500	-12,705	-250,972	-0,104	-48,754	-0,801	3,466	46,667	0,017	-253,905	0,000	-0,104	1,524	-48,828	0,000
EmbeddedBeamRow_1_1	17542	1	4,500	-12,705	-250,976	-0,106	-48,754	-0,801	3,466	46,667	0,017	-253,909	0,000	-0,106	1,522	-48,828	0,000
Element 1-12 (Embedded beam row)	17543	2	4,500	-12,962	-252,119	0,754	-48,670	-0,281	3,223	46,667	0,006	-254,932	0,000	0,000	1,900	-48,670	0,000
(palo 1500)	17544	3	4,500	-13,218	-253,136	1,548	-48,373	0,224	2,970	46,667	0,005	-255,831	0,000	0,000	2,400	-48,373	0,000
	17545	4	4,500	-13,475	-254,024	2,277	-47,880	0,713	2,710	46,667	0,015	-256,607	0,000	0,000	3,047	-47,880	0,000
	17546	5	4,500	-13,732	-254,785	2,940	-47,209	1,186	2,445	46,667	0,025	-257,260	0,000	0,000	3,629	-47,209	0,000
EmbeddedBeamRow_1_1	17546	1	4,500	-13,732	-254,789	2,939	-47,209	1,186	2,445	46,667	0,025	-257,263	0,000	0,000	3,629	-47,209	0,000
Element 1-13 (Embedded beam row)	17547	2	4,500	-13,994	-255,444	3,545	-46,357	1,654	2,172	46,667	0,035	-257,811	0,000	0,000	4,156	-46,357	0,000
(palo 1500)	17548	3	4,500	-14,257	-255,981	4,079	-45,355	2,106	1,900	46,667	0,045	-258,245	0,000	0,000	4,615	-45,355	0,000
	17549	4	4,500	-14,519	-256,402	4,543	-44,222	2,543	1,631	46,667	0,055	-258,565	0,000	0,000	5,007	-44,222	0,000
	17550	5	4,500	-14,781	-256,707	4,935	-42,977	2,966	1,365	46,667	0,064	-258,773	0,000	0,000	5,331	-42,977	0,000
EmbeddedBeamRow_1_1	17550	1	4,500	-14,781	-256,711	4,937	-42,977	2,966	1,365	46,667	0,064	-258,776	0,000	0,000	5,332	-42,977	0,000
Element 1-14 (Embedded beam row)	17551	2	4,500	-15,050	-256,910	5,266	-41,607	3,383	1,100	46,667	0,072	-258,880	0,000	0,000	5,596	-41,607	0,000
(palo 1500)	17552	3	4,500	-15,318	-257,002	5,527	-40,157	3,785	0,841	46,667	0,081	-258,879	0,000	0,000	5,795	-40,157	0,000

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N -- - [kN/m]	N --- [kN/m]	Q - -- [kN/m]	Q --- [kN/m]	M - - - [kN m/m]	M --- [kN m/m]
	17553	4	4,500	-15,586	-256,989	5,719	-38,646	4,174	0,591	46,667	0,089	-258,775	0,000	0,000	5,930	-38,646	0,000
	17554	5	4,500	-15,855	-256,869	5,844	-37,094	4,550	0,350	46,667	0,097	-258,569	0,000	0,000	6,002	-37,094	0,000
EmbeddedBeamRow_1_1	17554	1	4,500	-15,855	-256,872	5,846	-37,094	4,550	0,350	46,667	0,097	-258,572	0,000	0,000	6,005	-37,094	0,000
Element 1-15 (Embedded beam row)	17555	2	4,500	-16,129	-256,648	5,907	-35,481	4,920	0,114	46,667	0,105	-258,261	0,000	0,000	6,017	-35,481	0,000
(palo 1500)	17556	3	4,500	-16,403	-256,327	5,908	-33,859	5,277	-0,110	46,667	0,113	-257,855	0,000	0,000	5,972	-33,859	0,000
	17557	4	4,500	-16,678	-255,910	5,849	-32,244	5,622	-0,321	46,667	0,120	-257,356	0,000	0,000	5,873	-32,244	0,000
	17558	5	4,500	-16,952	-255,397	5,731	-30,655	5,953	-0,517	46,667	0,128	-256,763	0,000	0,000	5,731	-30,655	0,000
EmbeddedBeamRow_1_1	17558	1	4,500	-16,952	-255,400	5,735	-30,655	5,953	-0,517	46,667	0,128	-256,766	0,000	0,000	5,735	-30,655	0,000
Element 1-16 (Embedded beam row)	17559	2	4,500	-17,232	-254,784	5,561	-29,070	6,278	-0,698	46,667	0,135	-256,070	0,000	0,000	5,561	-29,070	0,000
(palo 1500)	17560	3	4,500	-17,513	-254,081	5,344	-27,540	6,590	-0,859	46,667	0,141	-255,290	0,000	0,000	5,344	-27,540	0,000
	17561	4	4,500	-17,793	-253,293	5,084	-26,076	6,888	-0,999	46,667	0,148	-254,426	0,000	0,000	5,084	-26,076	0,356
	17562	5	4,500	-18,074	-252,420	4,783	-24,692	7,175	-1,117	46,667	0,154	-253,479	0,000	0,000	4,783	-24,692	0,762
EmbeddedBeamRow_1_1	17562	1	4,500	-18,074	-252,422	4,789	-24,692	7,175	-1,117	46,667	0,154	-253,481	0,000	0,000	4,789	-24,692	0,762
Element 1-17 (Embedded beam row)	17563	2	4,500	-18,360	-251,449	4,450	-23,368	7,458	-1,213	46,667	0,160	-252,434	0,000	0,000	4,450	-23,368	1,150
(palo 1500)	17564	3	4,500	-18,647	-250,398	4,093	-22,143	7,731	-1,283	46,667	0,166	-251,311	0,000	0,000	4,093	-22,143	1,510
	17565	4	4,500	-18,934	-249,269	3,719	-21,022	7,996	-1,326	46,667	0,171	-250,112	0,000	0,000	3,719	-21,022	1,840
	17566	5	4,500	-19,221	-248,065	3,332	-20,011	8,255	-1,341	46,667	0,177	-248,839	0,000	0,000	3,332	-20,011	2,139
EmbeddedBeamRow_1_1	17566	1	4,500	-19,221	-248,065	3,338	-20,011	8,255	-1,341	46,667	0,177	-248,839	0,000	0,000	3,338	-20,011	2,139
Element 1-18 (Embedded beam row)	17567	2	4,500	-19,514	-246,758	2,942	-19,091	8,518	-1,327	46,667	0,183	-247,464	0,000	0,000	2,942	-19,091	2,413
(palo 1500)	17568	3	4,500	-19,807	-245,373	2,560	-18,285	8,781	-1,284	46,667	0,188	-246,012	0,000	0,000	2,560	-18,285	2,655
	17569	4	4,500	-20,100	-243,911	2,195	-17,589	9,048	-1,214	46,667	0,194	-244,485	0,000	0,000	2,195	-17,589	2,864
	17570	5	4,500	-20,393	-242,372	1,848	-16,997	9,321	-1,119	46,667	0,200	-242,882	0,000	0,000	1,848	-16,997	3,042
EmbeddedBeamRow_1_1	17570	1	4,500	-20,393	-242,369	1,853	-16,997	9,321	-1,119	46,667	0,200	-242,879	0,000	0,000	1,853	-16,997	3,042
Element 1-19 (Embedded beam row)	17571	2	4,500	-20,693	-240,713	1,532	-16,491	9,610	-1,002	46,667	0,206	-241,159	0,000	0,000	1,532	-16,491	3,192
(palo 1500)	17572	3	4,500	-20,992	-238,964	1,252	-16,075	9,911	-0,868	46,667	0,212	-239,349	0,000	0,000	1,252	-16,075	3,310
	17573	4	4,500	-21,292	-237,122	1,014	-15,736	10,226	-0,722	46,667	0,219	-237,448	0,000	0,000	1,014	-15,736	3,399
	17574	5	4,500	-21,592	-235,189	0,819	-15,462	10,556	-0,569	46,667	0,226	-235,457	0,000	0,000	0,819	-15,462	3,459
EmbeddedBeamRow_1_1	17574	1	4,500	-21,592	-235,184	0,819	-15,462	10,556	-0,569	46,667	0,226	-235,453	0,000	0,000	0,819	-15,462	3,459
Element 1-20 (Embedded beam row)	17575	2	4,500	-21,898	-233,103	0,670	-15,236	10,907	-0,410	46,667	0,234	-233,315	0,000	0,000	0,670	-15,236	3,493
(palo 1500)	17576	3	4,500	-22,205	-230,908	0,568	-15,047	11,273	-0,253	46,667	0,242	-231,064	0,000	-0,018	0,568	-15,047	3,500
	17577	4	4,500	-22,511	-228,598	0,514	-14,882	11,651	-0,102	46,667	0,250	-228,702	0,000	-0,096	0,514	-14,882	3,483
	17578	5	4,500	-22,817	-226,176	0,506	-14,727	12,038	0,042	46,667	0,258	-226,228	0,000	-0,169	0,506	-14,727	3,442
EmbeddedBeamRow_1_1	17578	1	4,500	-22,817	-226,172	0,503	-14,727	12,038	0,042	46,667	0,258	-226,225	0,000	-0,169	0,503	-14,727	3,442
Element 1-21 (Embedded beam row)	17579	2	4,500	-23,131	-223,571	0,541	-14,565	12,443	0,176	46,667	0,267	-223,591	0,000	-0,237	0,541	-14,565	3,378
(palo 1500)	17580	3	4,500	-23,444	-220,838	0,614	-14,385	12,853	0,297	46,667	0,275	-220,852	0,000	-0,299	0,614	-14,385	3,294
	17581	4	4,500	-23,757	-217,976	0,724	-14,176	13,267	0,403	46,667	0,284	-217,985	0,000	-0,356	0,724	-14,176	3,192

Structural element	Node [10⁻¹]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T$_{xx}$ [kN/m/m]	T$_{xy}$ [kN/m/m]	T$_{xxxx}$ [kN/m/m]	T$_{xxxx}$	N$_{xx}$ [kN/m]	N$_{xy}$ [kN/m]	Q$_{xx}$ [kN/m]	Q$_{xy}$ [kN/m]	M$_{xx}$ [kN m/m]	M$_{xy}$ [kN m/m]
	17582	5	4,500	-24,070	-214,987	0,867	-13,928	13,682	0,493	46,667	0,293	-214,991	0,000	-0,407	0,867	-13,928	3,072
EmbeddedBeamRow_1_1	17582	1	4,500	-24,070	-214,986	0,863	-13,928	13,682	0,493	46,667	0,293	-214,989	0,000	-0,407	0,863	-13,928	3,072
Element 1-22 (Embedded beam row)	17583	2	4,500	-24,391	-211,795	1,037	-13,624	14,107	0,568	46,667	0,302	-211,795	0,000	-0,454	1,037	-13,624	2,934
(palo 1500)	17584	3	4,500	-24,711	-208,467	1,227	-13,262	14,529	0,625	46,667	0,311	-208,467	0,000	-0,495	1,227	-13,262	2,782
	17585	4	4,500	-25,031	-205,004	1,433	-12,836	14,947	0,664	46,667	0,320	-205,004	0,000	-0,531	1,433	-12,836	2,617
	17586	5	4,500	-25,351	-201,409	1,653	-12,343	15,361	0,686	46,667	0,329	-201,409	0,000	-0,561	1,653	-12,343	2,443
EmbeddedBeamRow_1_1	17586	1	4,500	-25,351	-201,409	1,648	-12,343	15,361	0,686	46,667	0,329	-201,409	0,000	-0,561	1,648	-12,343	2,443
Element 1-23 (Embedded beam row)	17587	2	4,500	-25,679	-197,597	1,877	-11,765	15,779	0,687	46,667	0,338	-197,597	0,000	-0,586	1,877	-11,765	2,255
(palo 1500)	17588	3	4,500	-26,006	-193,649	2,099	-11,114	16,188	0,670	46,667	0,347	-193,649	0,000	-0,605	2,099	-11,114	2,059
	17589	4	4,500	-26,334	-189,568	2,311	-10,392	16,589	0,632	46,667	0,355	-189,568	0,000	-0,617	2,311	-10,392	1,859
	17590	5	4,500	-26,661	-185,358	2,513	-9,602	16,983	0,576	46,667	0,364	-185,358	0,000	-0,623	2,513	-9,602	1,656
EmbeddedBeamRow_1_1	17590	1	4,500	-26,661	-185,359	2,508	-9,602	16,983	0,576	46,667	0,364	-185,359	0,000	-0,623	2,508	-9,602	1,656
Element 1-24 (Embedded beam row)	17591	2	4,500	-26,996	-180,922	2,692	-8,731	17,373	0,493	46,667	0,372	-180,922	0,000	-0,620	2,692	-8,731	1,448
(palo 1500)	17592	3	4,500	-27,331	-176,358	2,838	-7,804	17,747	0,388	46,667	0,380	-176,358	0,000	-0,609	2,838	-7,804	1,242
	17593	4	4,500	-27,665	-171,672	2,945	-6,835	18,102	0,253	46,667	0,388	-171,672	0,000	-0,587	2,945	-6,835	1,041
	17594	5	4,500	-28,000	-166,869	3,009	-5,837	18,416	0,089	46,667	0,395	-166,869	0,000	-0,556	3,009	-5,837	0,850
EmbeddedBeamRow_1_1	17594	1	4,500	-28,000	-166,966	2,957	-5,837	18,416	0,089	46,667	0,395	-166,966	0,000	-0,555	2,957	-5,837	0,850
Element 1-25 (Embedded beam row)	17595	2	4,500	-28,673	-156,869	2,944	-3,829	19,001	-0,358	46,667	0,407	-156,869	0,000	-0,469	2,944	-3,829	0,504
(palo 1500)	17596	3	4,500	-29,345	-146,650	2,483	-1,977	19,394	-0,987	46,667	0,416	-146,650	0,000	-0,346	2,483	-1,977	0,227
	17597	4	4,500	-30,018	-136,431	1,552	-0,595	19,000	-1,753	46,667	0,407	-136,431	0,000	-0,178	1,552	-0,595	0,048
	17598	5	4,500	-30,690	-126,336	0,133	0,000	16,899	-3,106	46,667	0,362	-126,336	0,000	0,000	0,133	0,000	0,000
EmbeddedBeamRow_2_1	17599	1	12,300	-6,690	-185,326	12,808	-64,469	0,000	0,000	46,667	0,000	-189,026	0,000	0,000	14,670	-72,677	0,287
Element 2-26 (Embedded beam row)	17600	2	12,300	-6,816	-185,826	12,791	-62,857	-0,054	-0,129	46,667	0,001	-189,525	0,000	0,000	14,649	-70,831	0,444
(palo 1500)	17601	3	12,300	-6,942	-186,329	12,775	-61,246	-0,077	-0,126	46,667	0,002	-190,027	0,000	0,000	14,628	-68,986	0,614
	17602	4	12,300	-7,068	-186,836	12,761	-59,637	-0,106	-0,106	46,667	0,002	-190,532	0,000	0,000	14,607	-67,144	0,783
	17603	5	12,300	-7,194	-187,345	12,748	-58,031	-0,141	-0,104	46,667	0,003	-191,040	0,000	0,000	14,586	-65,306	0,950
EmbeddedBeamRow_2_1	17603	1	12,300	-7,194	-187,347	12,746	-58,031	-0,141	-0,104	46,667	0,003	-191,040	0,000	0,000	14,585	-65,306	0,950
Element 2-27 (Embedded beam row)	17604	2	12,300	-7,364	-188,041	12,730	-55,867	-0,197	-0,123	46,667	0,004	-191,729	0,000	0,000	14,555	-62,831	1,173
(palo 1500)	17605	3	12,300	-7,534	-188,748	12,705	-53,706	-0,270	-0,162	46,667	0,006	-192,422	0,000	0,000	14,516	-60,360	1,391
	17606	4	12,300	-7,704	-189,470	12,671	-51,549	-0,366	-0,227	46,667	0,008	-193,121	0,000	0,000	14,467	-57,898	1,605
	17607	5	12,300	-7,874	-190,206	12,628	-49,401	-0,489	-0,315	46,667	0,010	-193,825	0,000	0,000	14,407	-55,445	1,821
EmbeddedBeamRow_2_1	17607	1	12,300	-7,874	-190,221	12,623	-49,401	-0,489	-0,315	46,667	0,010	-193,828	0,000	0,000	14,402	-55,445	1,821
Element 2-28 (Embedded beam row)	17608	2	12,300	-8,103	-191,239	12,538	-46,518	-0,732	-0,479	46,667	0,016	-194,787	0,000	0,000	14,291	-52,158	2,101
(palo 1500)	17609	3	12,300	-8,332	-192,350	12,405	-43,659	-1,048	-0,663	46,667	0,022	-195,767	0,000	0,000	14,133	-48,900	2,366
	17610	4	12,300	-8,561	-193,567	12,223	-40,836	-1,666	-0,916	46,667	0,036	-196,770	0,000	0,000	13,922	-45,684	2,618
	17611	5	12,300	-8,790	-194,907	11,987	-38,062	-3,379	-1,388	46,667	0,072	-197,797	0,000	0,000	13,658	-42,524	2,856

Structural element	Node [10⁻³]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
EmbeddedBeamRow_2_1	17611	1	12,300	-8,790	-194,998	11,973	-38,062	-6,588	-2,706	46,667	0,141	-197,812	0,000	0,000	13,643	-42,524	2,856
Element 2-29 (Embedded beam row)	17612	2	12,300	-9,040	-197,580	11,288	-35,155	-6,287	-2,724	46,667	0,135	-199,163	0,000	0,000	12,891	-39,209	3,096
(palo 1500)	17613	3	12,300	-9,290	-200,104	10,611	-32,417	-6,047	-2,695	46,667	0,130	-200,583	0,000	0,000	12,148	-36,078	3,309
	17614	4	12,300	-9,540	-202,570	9,943	-29,848	-5,819	-2,650	46,667	0,125	-202,927	0,000	0,000	11,415	-33,132	3,492
	17615	5	12,300	-9,790	-204,976	9,286	-27,445	-5,592	-2,585	46,667	0,120	-205,330	0,000	0,000	10,694	-30,369	3,644
EmbeddedBeamRow_2_1	17615	1	12,300	-9,790	-204,977	9,288	-27,445	-5,592	-2,585	46,667	0,120	-205,332	0,000	0,000	10,696	-30,369	3,644
Element 2-30 (Embedded beam row)	17616	2	12,300	-10,040	-207,329	8,650	-25,203	-5,369	-2,516	46,667	0,115	-207,704	0,000	0,000	9,994	-27,784	3,765
(palo 1500)	17617	3	12,300	-10,290	-209,625	8,031	-23,118	-5,145	-2,439	46,667	0,110	-210,021	0,000	0,000	9,313	-25,371	3,855
	17618	4	12,300	-10,540	-211,865	7,431	-21,185	-4,918	-2,356	46,667	0,105	-212,279	0,000	0,000	8,653	-23,125	3,915
	17619	5	12,300	-10,790	-214,047	6,853	-19,401	-4,689	-2,267	46,667	0,100	-214,476	0,000	0,000	8,014	-21,043	3,945
EmbeddedBeamRow_2_1	17619	1	12,300	-10,790	-214,048	6,854	-19,401	-4,689	-2,267	46,667	0,100	-214,477	0,000	0,000	8,015	-21,043	3,945
Element 2-31 (Embedded beam row)	17620	2	12,300	-11,040	-216,172	6,298	-17,758	-4,456	-2,172	46,667	0,095	-216,615	0,000	-0,060	7,401	-19,116	3,946
(palo 1500)	17621	3	12,300	-11,290	-218,239	5,768	-16,250	-4,220	-2,073	46,667	0,090	-218,694	0,000	-0,162	6,813	-17,340	3,920
	17622	4	12,300	-11,540	-220,246	5,262	-14,871	-3,980	-1,970	46,667	0,085	-220,712	0,000	-0,261	6,252	-15,707	3,867
	17623	5	12,300	-11,790	-222,192	4,782	-13,616	-3,737	-1,865	46,667	0,080	-222,667	0,000	-0,354	5,717	-14,212	3,790
EmbeddedBeamRow_2_1	17623	1	12,300	-11,790	-222,192	4,782	-13,616	-3,737	-1,865	46,667	0,080	-222,667	0,000	-0,353	5,717	-14,212	3,790
Element 2-32 (Embedded beam row)	17624	2	12,300	-12,040	-224,077	4,330	-12,478	-3,490	-1,757	46,667	0,075	-224,560	0,000	-0,436	5,211	-12,847	3,691
(palo 1500)	17625	3	12,300	-12,290	-225,900	3,904	-11,449	-3,241	-1,649	46,667	0,069	-226,390	0,000	-0,508	4,733	-11,604	3,573
	17626	4	12,300	-12,540	-227,661	3,505	-10,524	-2,990	-1,540	46,667	0,064	-228,156	0,000	-0,568	4,283	-10,524	3,438
	17627	5	12,300	-12,790	-229,358	3,134	-9,694	-2,736	-1,432	46,667	0,059	-229,858	0,000	-0,616	3,861	-9,694	3,290
EmbeddedBeamRow_2_1	17627	1	12,300	-12,790	-229,359	3,133	-9,694	-2,736	-1,432	46,667	0,059	-229,859	0,000	-0,615	3,860	-9,694	3,290
Element 2-33 (Embedded beam row)	17628	2	12,300	-13,040	-230,991	2,790	-8,955	-2,478	-1,326	46,667	0,053	-231,495	0,000	-0,649	3,468	-8,955	3,131
(palo 1500)	17629	3	12,300	-13,290	-232,561	2,471	-8,298	-2,219	-1,224	46,667	0,048	-233,067	0,000	-0,667	3,100	-8,298	2,967
	17630	4	12,300	-13,540	-234,065	2,176	-7,717	-1,962	-1,129	46,667	0,042	-234,574	0,000	-0,669	2,759	-7,717	2,799
	17631	5	12,300	-13,790	-235,505	1,906	-7,208	-1,697	-1,065	46,667	0,036	-236,015	0,000	-0,654	2,442	-7,208	2,634
EmbeddedBeamRow_2_1	17631	1	12,300	-13,790	-235,505	1,904	-7,208	-2,546	-1,597	46,667	0,055	-236,015	0,000	-0,655	2,440	-7,208	2,634
Element 2-34 (Embedded beam row)	17632	2	12,300	-14,045	-237,104	1,509	-6,772	-2,134	-1,487	46,667	0,046	-237,616	0,000	-0,624	1,978	-6,772	2,470
(palo 1500)	17633	3	12,300	-14,301	-238,600	1,145	-6,434	-1,727	-1,368	46,667	0,037	-239,112	0,000	-0,592	1,550	-6,434	2,315
	17634	4	12,300	-14,556	-239,991	0,810	-6,185	-1,312	-1,255	46,667	0,028	-240,501	0,000	-0,559	1,157	-6,185	2,168
	17635	5	12,300	-14,811	-241,276	0,504	-6,018	-0,893	-1,147	46,667	0,019	-241,783	0,000	-0,526	0,797	-6,018	2,030
EmbeddedBeamRow_2_1	17635	1	12,300	-14,811	-241,275	0,503	-6,018	-0,893	-1,147	46,667	0,019	-241,783	0,000	-0,526	0,796	-6,018	2,030
Element 2-35 (Embedded beam row)	17636	2	12,300	-15,074	-242,482	0,217	-5,924	-0,462	-1,045	46,667	0,010	-242,985	0,000	-0,493	0,459	-5,924	1,896
(palo 1500)	17637	3	12,300	-15,336	-243,576	-0,045	-5,902	-0,030	-0,950	46,667	0,001	-244,074	0,000	-0,463	0,162	-5,902	1,771
	17638	4	12,300	-15,598	-244,557	-0,282	-5,946	0,401	-0,858	46,667	0,009	-245,049	0,000	-0,438	0,042	-5,946	1,654
	17639	5	12,300	-15,860	-245,424	-0,495	-6,048	0,830	-0,768	46,667	0,018	-245,909	0,000	-0,495	0,000	-6,048	1,545
EmbeddedBeamRow_2_1	17639	1	12,300	-15,860	-245,425	-0,495	-6,048	0,830	-0,768	46,667	0,018	-245,910	0,000	-0,495	0,000	-6,048	1,545

Structural element	Node [10⁻]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
Element 2-36 (Embedded beam row)	17640	2	12,300	-16,129	-246,199	-0,689	-6,208	1,269	-0,677	46,667	0,027	-246,676	0,000	-0,689	0,000	-6,208	1,440
(palo 1500)	17641	3	12,300	-16,398	-246,855	-0,860	-6,417	1,706	-0,589	46,667	0,037	-247,323	0,000	-0,860	0,000	-6,417	1,342
	17642	4	12,300	-16,667	-247,394	-1,007	-6,669	2,142	-0,504	46,667	0,046	-247,853	0,000	-1,007	0,000	-6,669	1,251
	17643	5	12,300	-16,936	-247,815	-1,131	-6,957	2,577	-0,421	46,667	0,055	-248,263	0,000	-1,146	0,000	-6,957	1,167
EmbeddedBeamRow_2_1	17643	1	12,300	-16,936	-247,816	-1,131	-6,957	2,577	-0,421	46,667	0,055	-248,264	0,000	-1,147	0,000	-6,957	1,167
Element 2-37 (Embedded beam row)	17644	2	12,300	-17,212	-248,127	-1,236	-7,284	3,021	-0,339	46,667	0,065	-248,564	0,000	-1,277	0,000	-7,284	1,089
(palo 1500)	17645	3	12,300	-17,488	-248,316	-1,318	-7,638	3,464	-0,259	46,667	0,074	-248,741	0,000	-1,381	0,000	-7,638	1,018
	17646	4	12,300	-17,765	-248,383	-1,379	-8,011	3,906	-0,182	46,667	0,084	-248,796	0,000	-1,452	0,000	-8,011	0,954
	17647	5	12,300	-18,041	-248,328	-1,419	-8,397	4,346	-0,106	46,667	0,093	-248,728	0,000	-1,518	0,000	-8,397	0,899
EmbeddedBeamRow_2_1	17647	1	12,300	-18,041	-248,328	-1,419	-8,397	4,346	-0,106	46,667	0,093	-248,729	0,000	-1,519	0,000	-8,397	0,899
Element 2-38 (Embedded beam row)	17648	2	12,300	-18,324	-248,145	-1,438	-8,803	4,796	-0,031	46,667	0,103	-248,533	0,000	-1,553	0,000	-8,803	0,851
(palo 1500)	17649	3	12,300	-18,608	-247,835	-1,437	-9,211	5,244	0,042	46,667	0,112	-248,209	0,000	-1,564	0,000	-9,211	0,812
	17650	4	12,300	-18,891	-247,398	-1,415	-9,616	5,691	0,113	46,667	0,122	-247,759	0,000	-1,553	0,000	-9,616	0,782
	17651	5	12,300	-19,175	-246,835	-1,373	-10,011	6,136	0,182	46,667	0,131	-247,182	0,000	-1,520	0,000	-10,011	0,763
EmbeddedBeamRow_2_1	17651	1	12,300	-19,175	-246,835	-1,373	-10,011	6,136	0,182	46,667	0,131	-247,182	0,000	-1,521	0,000	-10,011	0,763
Element 2-39 (Embedded beam row)	17652	2	12,300	-19,466	-246,126	-1,310	-10,402	6,590	0,249	46,667	0,141	-246,458	0,000	-1,465	0,000	-10,402	0,754
(palo 1500)	17653	3	12,300	-19,757	-245,286	-1,228	-10,772	7,042	0,312	46,667	0,151	-245,603	0,000	-1,389	0,030	-10,772	0,757
	17654	4	12,300	-20,048	-244,313	-1,129	-11,116	7,492	0,371	46,667	0,161	-244,616	0,000	-1,295	0,073	-11,116	0,772
	17655	5	12,300	-20,339	-243,211	-1,012	-11,428	7,938	0,426	46,667	0,170	-243,499	0,000	-1,181	0,116	-11,428	0,799
EmbeddedBeamRow_2_1	17655	1	12,300	-20,339	-243,211	-1,013	-11,428	7,938	0,426	46,667	0,170	-243,500	0,000	-1,182	0,115	-11,428	0,799
Element 2-40 (Embedded beam row)	17656	2	12,300	-20,638	-241,945	-0,878	-11,710	8,395	0,476	46,667	0,180	-242,218	0,000	-1,049	0,159	-11,710	0,840
(palo 1500)	17657	3	12,300	-20,936	-240,542	-0,729	-11,951	8,847	0,521	46,667	0,190	-240,801	0,000	-0,901	0,201	-11,951	0,894
	17658	4	12,300	-21,235	-239,005	-0,568	-12,145	9,296	0,559	46,667	0,199	-239,249	0,000	-0,740	0,241	-12,145	0,960
	17659	5	12,300	-21,534	-237,335	-0,395	-12,289	9,739	0,589	46,667	0,209	-237,564	0,000	-0,566	0,278	-12,289	1,037
EmbeddedBeamRow_2_1	17659	1	12,300	-21,534	-237,335	-0,397	-12,289	9,739	0,589	46,667	0,209	-237,565	0,000	-0,568	0,277	-12,289	1,037
Element 2-41 (Embedded beam row)	17660	2	12,300	-21,840	-235,484	-0,212	-12,382	10,187	0,610	46,667	0,218	-235,699	0,000	-0,381	0,310	-12,382	1,128
(palo 1500)	17661	3	12,300	-22,147	-233,497	-0,023	-12,418	10,630	0,623	46,667	0,228	-233,696	0,000	-0,190	0,334	-12,418	1,227
	17662	4	12,300	-22,454	-231,374	0,169	-12,396	11,069	0,628	46,667	0,237	-231,559	0,000	0,000	0,350	-12,396	1,332
	17663	5	12,300	-22,760	-229,117	0,362	-12,314	11,506	0,628	46,667	0,247	-229,289	0,000	0,000	0,407	-12,314	1,440
EmbeddedBeamRow_2_1	17663	1	12,300	-22,760	-229,117	0,361	-12,314	11,506	0,628	46,667	0,247	-229,288	0,000	0,000	0,406	-12,314	1,440
Element 2-42 (Embedded beam row)	17664	2	12,300	-23,075	-226,662	0,559	-12,170	11,954	0,622	46,667	0,256	-226,819	0,000	0,000	0,559	-12,170	1,552
(palo 1500)	17665	3	12,300	-23,390	-224,064	0,753	-11,963	12,400	0,614	46,667	0,266	-224,208	0,000	0,000	0,753	-11,963	1,661
	17666	4	12,300	-23,705	-221,327	0,944	-11,696	12,846	0,601	46,667	0,275	-221,457	0,000	0,000	0,944	-11,696	1,764
	17667	5	12,300	-24,019	-218,450	1,132	-11,369	13,294	0,590	46,667	0,285	-218,568	0,000	0,000	1,132	-11,369	1,858
EmbeddedBeamRow_2_1	17667	1	12,300	-24,019	-218,449	1,131	-11,369	13,294	0,590	46,667	0,285	-218,567	0,000	0,000	1,131	-11,369	1,858
Element 2-43 (Embedded beam row)	17668	2	12,300	-24,342	-215,350	1,320	-10,973	13,750	0,570	46,667	0,295	-215,455	0,000	0,000	1,320	-10,973	1,942

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N-- [kN/m]	N--- [kN/m]	Q-- [kN/m]	Q--- [kN/m]	M-- [kN m/m]	M--- [kN m/m]
(palo 1500)	17669	3	12,300	-24,665	-212,102	1,499	-10,517	14,202	0,543	46,667	0,304	-212,196	0,000	0,000	1,499	-10,517	2,013
	17670	4	12,300	-24,989	-208,710	1,668	-10,005	14,650	0,506	46,667	0,314	-208,791	0,000	0,000	1,668	-10,005	2,067
	17671	5	12,300	-25,312	-205,174	1,826	-9,440	15,092	0,457	46,667	0,323	-205,245	0,000	0,000	1,826	-9,440	2,102
EmbeddedBeamRow_2_1	17671	1	12,300	-25,312	-205,174	1,824	-9,440	15,092	0,457	46,667	0,323	-205,245	0,000	0,000	1,824	-9,440	2,102
Element 2-44 (Embedded beam row)	17672	2	12,300	-25,643	-201,397	1,968	-8,811	15,540	0,398	46,667	0,333	-201,458	0,000	0,000	1,968	-8,811	2,116
(palo 1500)	17673	3	12,300	-25,975	-197,472	2,088	-8,138	15,980	0,328	46,667	0,342	-197,523	0,000	-0,075	2,088	-8,138	2,104
	17674	4	12,300	-26,307	-193,402	2,183	-7,429	16,414	0,249	46,667	0,352	-193,444	0,000	-0,161	2,183	-7,429	2,065
	17675	5	12,300	-26,638	-189,190	2,253	-6,693	16,840	0,162	46,667	0,361	-189,223	0,000	-0,251	2,253	-6,693	1,997
EmbeddedBeamRow_2_1	17675	1	12,300	-26,638	-189,190	2,251	-6,693	16,840	0,162	46,667	0,361	-189,224	0,000	-0,248	2,251	-6,693	1,997
Element 2-45 (Embedded beam row)	17676	2	12,300	-26,979	-184,722	2,290	-5,919	17,268	0,063	46,667	0,370	-184,747	0,000	-0,344	2,290	-5,919	1,896
(palo 1500)	17677	3	12,300	-27,319	-180,107	2,294	-5,137	17,689	-0,038	46,667	0,379	-180,126	0,000	-0,433	2,294	-5,137	1,764
	17678	4	12,300	-27,660	-175,353	2,263	-4,360	18,096	-0,144	46,667	0,388	-175,365	0,000	-0,513	2,263	-4,360	1,603
	17679	5	12,300	-28,000	-170,461	2,196	-3,601	18,450	-0,250	46,667	0,395	-170,471	0,000	-0,583	2,196	-3,601	1,416
EmbeddedBeamRow_2_1	17679	1	12,300	-28,000	-170,563	2,194	-3,601	18,450	-0,250	46,667	0,395	-170,573	0,000	-0,554	2,194	-3,601	1,416
Element 2-46 (Embedded beam row)	17680	2	12,300	-28,673	-160,406	1,932	-2,202	19,129	-0,538	46,667	0,410	-160,410	0,000	-0,671	1,932	-2,202	0,997
(palo 1500)	17681	3	12,300	-29,345	-150,073	1,469	-1,047	19,610	-0,846	46,667	0,420	-150,075	0,000	-0,638	1,469	-1,047	0,547
	17682	4	12,300	-30,018	-139,696	0,810	-0,269	19,264	-1,120	46,667	0,413	-139,696	0,000	-0,438	0,810	-0,269	0,176
	17683	5	12,300	-30,690	-129,402	-0,039	0,000	17,306	-1,217	46,667	0,371	-129,402	0,000	-0,052	0,000	0,000	0,000

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PLAXIS Report

1.1.1.1.1 Materials - Soil and interfaces - Hardening Soil

Identification number		1	2	4	5
Identification		STRATO B	STRATO C	STRATO A	STRATO A'
Soil model		Hardening Soil	Hardening Soil	Hardening Soil	Hardening Soil
Drainage type		Drained	Drained	Drained	Drained
Colour					
Comments					
γ_unsat	kN/m³	18,50	18,50	18,50	18,50
γ_sat	kN/m³	19,00	19,00	19,00	19,00
e_init		0,5000	0,5000	0,5000	0,5000
n_init		0,3333	0,3333	0,3333	0,3333
Input method		Direct	Direct	Direct	Direct
Rayleigh α		0,000	0,000	0,000	0,000
Rayleigh β		0,000	0,000	0,000	0,000
Identification number		1	2	4	5
Identification		STRATO B	STRATO C	STRATO A	STRATO A'
Soil model		Hardening Soil	Hardening Soil	Hardening Soil	Hardening Soil
Drainage type		Drained	Drained	Drained	Drained
Colour					
Comments					
E_50^ref	kN/m²	30,00E3	45,00E3	5000	5000
E_oed^ref	kN/m²	30,00E3	45,00E3	7500	5000
E_ur^ref	kN/m²	90,00E3	135,0E3	22,50E3	15,00E3
ν_ur		0,2000	0,2000	0,2000	0,2000
Use defaults		True	True	True	True

Identification number		1	2	4	5
K_0^nc		0,5933	0,5933	0,6254	0,7412
R_f		0,9000	0,9000	0,9000	0,9000
Determination		ν-undrained definition	ν-undrained definition	ν-undrained definition	ν-undrained definition
ν_u definition method		Direct	Direct	Direct	Direct
ν_u,equivalent (nu)		0,4950	0,4950	0,4950	0,4950
Skempton B		0,9866	0,9866	0,9866	0,9866
K_w,ref/n	kN/m²	3,687E6	5,531E6	921,9E3	614,6E3
Identification number		1	2	4	5
Identification		STRATO B	STRATO C	STRATO A	STRATO A'
Soil model		Hardening Soil	Hardening Soil	Hardening Soil	Hardening Soil
Drainage type		Drained	Drained	Drained	Drained
Colour					
Comments					
Classification type		Standard	Standard	Standard	Standard
Soil class (Standard)		Coarse	Coarse	Coarse	Coarse
< 2 µm	%	10,00	10,00	10,00	10,00
2 µm - 50 µm	%	13,00	13,00	13,00	13,00
50 µm - 2 mm	%	77,00	77,00	77,00	77,00
Identification number		1	2	4	5
Identification		STRATO B	STRATO C	STRATO A	STRATO A'
Soil model		Hardening Soil	Hardening Soil	Hardening Soil	Hardening Soil
Drainage type		Drained	Drained	Drained	Drained
Colour					
Comments					
c_s	kJ/t/K	0,000	0,000	0,000	0,000
λ_s	kW/m/K	0,000	0,000	0,000	0,000

Identification number		1	2	4	5
ρ_s	t/m³	0,000	0,000	0,000	0,000
Thermal expansion type		Isotropic	Isotropic	Isotropic	Isotropic
α_sv	1/K	0,000	0,000	0,000	0,000
Phase change		False	False	False	False
D_v	m²/day	0,000	0,000	0,000	0,000
f_Tv		0,000	0,000	0,000	0,000
Identification number		1	2	4	5
Identification		STRATO B	STRATO C	STRATO A	STRATO A'
Soil model		Hardening Soil	Hardening Soil	Hardening Soil	Hardening Soil
Drainage type		Drained	Drained	Drained	Drained
Colour					
Comments					
Stiffness determination		Derived	Derived	Derived	Derived
Strength determination		Manual	Manual	Manual	Manual
R_inter		0,6600	0,6600	0,6600	0,6600
Consider gap closure		True	True	True	True
δ_inter	m	0,000	0,000	0,000	0,000
Cross permeability		Impermeable	Impermeable	Impermeable	Impermeable
Drainage conductivity, dk	m³/day/m	0,000	0,000	0,000	0,000
R_thermal	m² K/kW	0,000	0,000	0,000	0,000
Identification number		1	2	4	5
Identification		STRATO B	STRATO C	STRATO A	STRATO A'
Soil model		Hardening Soil	Hardening Soil	Hardening Soil	Hardening Soil
Drainage type		Drained	Drained	Drained	Drained
Colour					
Comments					

Identification number		1	2	4	5
K_0 determination		Automatic	Automatic	Automatic	Automatic
K_0,x		0,5933	0,5933	0,6254	0,7412
K_0,z		0,5933	0,5933	0,6254	0,7412
POP	kN/m²	0,000	0,000	0,000	0,000
OCR		1,000	1,000	1,000	1,000

1.1.1.1.2 Materials - Soil and interfaces - Mohr-Coulomb

Identification number		3	6
Identification		RIPORTO	calcestruzzo
Soil model		Mohr-Coulomb	Mohr-Coulomb
Drainage type		Drained	Drained
Colour			
Comments			
γ_unsat	kN/m³	19,00	0,000
γ_sat	kN/m³	19,00	0,000
e_init		0,5000	0,5000
n_init		0,3333	0,3333
Input method		Direct	Direct
Rayleigh α		0,000	0,000
Rayleigh β		0,000	0,000
Identification number		3	6
Identification		RIPORTO	calcestruzzo
Soil model		Mohr-Coulomb	Mohr-Coulomb
Drainage type		Drained	Drained
Colour			
Comments			
E'_ref	kN/m²	50,00E3	1,000E6
ν (nu)		0,3000	0,2000
Determination		ν-undrained definition	ν-undrained definition
ν_u definition method		Direct	Direct
ν_u,equivalent (nu)		0,4950	0,4950

Identification number		3	6
Skempton B		0,9783	0,9866
K_w,ref/n	kN/m²	1,875E6	40,97E6
Identification number		3	6
Identification		RIPORTO	calcestruzzo
Soil model		Mohr-Coulomb	Mohr-Coulomb
Drainage type		Drained	Drained
Colour			
Comments			
Classification type		Standard	Standard
Soil class (Standard)		Coarse	Coarse
< 2 µm	%	10,00	10,00
2 µm - 50 µm	%	13,00	13,00
50 µm - 2 mm	%	77,00	77,00
Identification number		3	6
Identification		RIPORTO	calcestruzzo
Soil model		Mohr-Coulomb	Mohr-Coulomb
Drainage type		Drained	Drained
Colour			
Comments			
c_s	kJ/t/K	0,000	0,000
λ_s	kW/m/K	0,000	0,000
ρ_s	t/m³	0,000	0,000
Thermal expansion type		Isotropic	Isotropic
α_sv	1/K	0,000	0,000
Phase change		False	False
D_v	m²/day	0,000	0,000

Identification number		3	6
f_Tv		0,000	0,000
Identification number		3	6
Identification		RIPORTO	calcestruzzo
Soil model		Mohr-Coulomb	Mohr-Coulomb
Drainage type		Drained	Drained
Colour			
Comments			
Stiffness determination		Derived	Derived
Strength determination		Manual	Manual
R_inter		0,6600	0,6600
Consider gap closure		True	True
Cross permeability		Impermeable	Impermeable
Drainage conductivity, dk	m^3/day/m	0,000	0,000
R_thermal	m^2 K/kW	0,000	0,000
Identification number		3	6
Identification		RIPORTO	calcestruzzo
Soil model		Mohr-Coulomb	Mohr-Coulomb
Drainage type		Drained	Drained
Colour			
Comments			
K_0 determination		Automatic	Automatic
K_0,x		0,3843	0,3843
K_0,z		0,3843	0,3843

1.1.1.2 Materials - Plates

Identification number		1	2	3
Identification		Paratia 800	PLINTO	MURO ELEVAZIONE
Material type		Elastic	Elastic	Elastic
Colour				
Comments				
w	kN/m/m	2,740	50,00	0,000
Input method		Direct	Direct	Direct
Rayleigh α		0,000	0,000	0,000
Rayleigh β		0,000	0,000	0,000
Prevent punching		False	False	False
Identification number		1	2	3
Identification		Paratia 800	PLINTO	MURO ELEVAZIONE
Material type		Elastic	Elastic	Elastic
Colour				
Comments				
Isotropic		True	True	True
Identification number		1	2	3
Identification		Paratia 800	PLINTO	MURO ELEVAZIONE
Material type		Elastic	Elastic	Elastic
Colour				
Comments				
c	kJ/t/K	0,000	0,000	0,000
λ	kW/m/K	0,000	0,000	0,000
ρ	t/m³	0,000	0,000	0,000
α	1/K	0,000	0,000	0,000

Identification number		1	2	3
A_eff,T	m²	0,000	0,000	0,000

1.1.1.3 Materials - Geogrids

Identification number		1
Identification		Tirante
Material type		Elastic
Colour		
Comments		i=3.3 m
Identification number		1
Identification		Tirante
Material type		Elastic
Colour		
Comments		i=3.3 m
Isotropic		False
Identification number		1
Identification		Tirante
Material type		Elastic
Colour		
Comments		i=3.3 m
c	kJ/t/K	0,000
λ	kW/m/K	0,000
ρ	t/m³	0,000
α	1/K	0,000
A_eff,T	m²	0,000

1.1.1.4 Materials - Anchors

Identification number		1
Identification		tiranti
Material type		Elastic
Colour		
Comments		tubolari 139-8.8
Identification number		1
Identification		tiranti
Material type		Elastic
Colour		
Comments		tubolari 139-8.8
L_spacing	m	2,200
Identification number		1
Identification		tiranti
Material type		Elastic
Colour		
Comments		tubolari 139-8.8
c	kJ/t/K	0,000
λ	kW/m/K	0,000
ρ	t/m³	0,000
α	1/K	0,000
A_eff,T	m²	0,000

1.1.1.5 Materials - Embedded beams

Identification number		1
Identification		palo 1500
Material type		Elastic
Colour		
Comments		
γ	kN/m³	10,00
Input method		Direct
Rayleigh α		0,000
Rayleigh β		0,000
Identification number		1
Identification		palo 1500
Material type		Elastic
Colour		
Comments		
L_spacing	m	3,900
Cross section type		Predefined
Predefined cross section type		Solid circular beam
Diameter	m	1,500
A	m²	1,767
I	m⁴	0,2485
Axial skin resistance		Linear
T_skin, start, max	kN/m	210,0
T_skin, end, max	kN/m	210,0
Lateral resistance		Unlimited
F_max	kN	2078

Identification number	1
Default values	True
Axial stiffness factor	1,221
Lateral stiffness factor	1,221
Base stiffness factor	12,21

3.1.1.1.2 Calculation results, Plate, paratia [Phase_1] (1/13), Table of plate force envelopes

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [10^{-3} kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [10^{-3} kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_1	303	1	0,000	-0,520	0,000	0,000	0,000	4,292	0,000	0,004	0,000	0,000	0,000
Element 1-1 (Plate)	304	2	0,000	-0,640	-0,298	-0,298	0,000	-39,752	-0,040	0,000	-2,257	-0,002	0,000
(Paratia 800)	305	3	0,000	-0,760	-0,595	-0,595	0,000	-71,490	-0,071	0,000	-9,044	-0,009	0,000
	306	4	0,000	-0,880	-0,891	-0,891	0,000	-91,702	-0,092	0,000	-18,958	-0,019	0,000
	307	5	0,000	-1,000	-1,186	-1,186	0,000	-101,168	-0,101	0,000	-30,627	-0,031	0,000
Plate_1_2	307	1	0,000	-1,000	-1,186	-1,186	0,000	-103,807	-0,104	0,000	-30,627	-0,031	0,000
Element 3-4 (Plate)	33	2	0,000	-1,250	-1,796	-1,796	0,000	-115,607	-0,116	0,000	-58,246	-0,058	0,000
(Paratia 800)	34	3	0,000	-1,500	-2,401	-2,401	0,000	-118,347	-0,118	0,000	-87,670	-0,088	0,000
	35	4	0,000	-1,750	-3,000	-3,000	0,000	-112,469	-0,112	0,000	-116,715	-0,117	0,000
	46	5	0,000	-2,000	-3,591	-3,591	0,000	-98,417	-0,098	0,000	-143,230	-0,143	0,000
Plate_1_3	46	1	0,000	-2,000	-3,592	-3,592	0,000	-99,122	-0,099	0,000	-143,230	-0,143	0,000
Element 4-5 (Plate)	47	2	0,000	-2,125	-3,886	-3,886	0,000	-90,368	-0,090	0,000	-155,082	-0,155	0,000
(Paratia 800)	48	3	0,000	-2,250	-4,178	-4,178	0,000	-80,555	-0,081	0,000	-165,777	-0,166	0,000
	49	4	0,000	-2,375	-4,470	-4,470	0,000	-69,723	-0,070	0,000	-175,183	-0,175	0,000
	78	5	0,000	-2,500	-4,760	-4,760	0,000	-57,911	-0,058	0,000	-183,168	-0,183	0,000
Plate_1_4	78	1	0,000	-2,500	-4,760	-4,760	0,000	-58,369	-0,058	0,000	-183,168	-0,183	0,000
Element 6-7 (Plate)	79	2	0,000	-2,750	-5,336	-5,336	0,000	-32,282	-0,032	0,000	-194,527	-0,195	0,000
(Paratia 800)	80	3	0,000	-3,000	-5,910	-5,910	0,000	-5,076	-0,005	0,001	-199,209	-0,199	0,000
	81	4	0,000	-3,250	-6,479	-6,479	0,000	22,962	0,000	0,023	-196,996	-0,197	0,000
	108	5	0,000	-3,500	-7,046	-7,046	0,000	51,544	0,000	0,052	-187,690	-0,188	0,000
Plate_1_5	108	1	0,000	-3,500	-7,046	-7,046	0,000	51,098	0,000	0,051	-187,690	-0,188	0,000
Element 7-8 (Plate)	109	2	0,000	-3,673	-7,436	-7,436	0,000	69,963	0,000	0,070	-177,239	-0,177	0,000
(Paratia 800)	110	3	0,000	-3,845	-7,825	-7,825	0,000	87,919	0,000	0,088	-163,603	-0,164	0,000
	111	4	0,000	-4,018	-8,214	-8,214	0,000	104,896	0,000	0,105	-146,956	-0,147	0,000
	134	5	0,000	-4,190	-8,603	-8,603	0,000	120,826	0,000	0,121	-127,476	-0,127	0,000
Plate_1_6	134	1	0,000	-4,190	-8,603	-8,603	0,000	120,646	0,000	0,121	-127,476	-0,127	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [10^{-3} kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [10^{-3} kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Element 9-10 (Plate)	135	2	0,000	-4,268	-8,778	-8,778	0,000	127,212	0,000	0,127	-117,870	-0,118	0,000
(Paratia 800)	136	3	0,000	-4,345	-8,952	-8,952	0,000	133,286	0,000	0,133	-107,770	-0,108	0,000
	137	4	0,000	-4,423	-9,127	-9,127	0,000	138,841	0,000	0,139	-97,220	-0,097	0,000
	158	5	0,000	-4,500	-9,302	-9,302	0,000	143,853	0,000	0,144	-86,264	-0,086	0,000
Plate_1_7	158	1	0,000	-4,500	-9,302	-9,302	0,000	143,732	0,000	0,144	-86,264	-0,086	0,000
Element 10-11 (Plate)	159	2	0,000	-4,607	-9,544	-9,544	0,000	149,518	0,000	0,150	-70,582	-0,071	0,000
(Paratia 800)	160	3	0,000	-4,714	-9,786	-9,786	0,000	153,615	0,000	0,154	-54,363	-0,054	0,000
	161	4	0,000	-4,821	-10,028	-10,028	0,000	155,971	0,000	0,156	-37,801	-0,038	0,000
	172	5	0,000	-4,928	-10,271	-10,271	0,000	156,538	0,000	0,157	-21,088	-0,021	0,004
Plate_1_7	172	1	0,000	-4,928	-10,271	-10,271	0,000	156,394	0,000	0,156	-21,088	-0,021	0,004
Element 10-12 (Plate)	173	2	0,000	-5,009	-10,455	-10,455	0,000	155,350	0,000	0,155	-8,429	-0,008	0,010
(Paratia 800)	174	3	0,000	-5,090	-10,641	-10,641	0,000	152,820	0,000	0,153	4,091	0,000	0,019
	175	4	0,000	-5,171	-10,827	-10,827	0,000	148,776	0,000	0,149	16,344	0,000	0,029
	195	5	0,000	-5,252	-11,013	-11,013	0,000	143,194	0,000	0,143	28,201	0,000	0,038
Plate_1_7	195	1	0,000	-5,252	-11,013	-11,013	0,000	143,102	0,000	0,143	28,201	0,000	0,038
Element 10-13 (Plate)	192	2	0,000	-5,314	-11,155	-11,155	0,000	137,636	0,000	0,138	36,858	0,000	0,045
(Paratia 800)	193	3	0,000	-5,375	-11,297	-11,297	0,000	131,003	0,000	0,131	45,144	0,000	0,052
	194	4	0,000	-5,437	-11,441	-11,441	0,000	123,382	0,000	0,123	52,992	0,000	0,058
	221	5	0,000	-5,499	-11,585	-11,585	0,000	114,951	0,000	0,115	60,340	0,000	0,063
Plate_1_8	221	1	0,000	-5,499	-11,548	-11,548	0,000	100,074	0,000	0,100	60,340	0,000	0,063
Element 12-15 (Plate)	218	2	0,000	-5,499	-11,548	-11,548	0,000	99,617	0,000	0,100	60,371	0,000	0,064
(Paratia 800)	219	3	0,000	-5,499	-11,548	-11,548	0,000	99,229	0,000	0,099	60,402	0,000	0,064
	220	4	0,000	-5,500	-11,548	-11,548	0,000	98,902	0,000	0,099	60,433	0,000	0,064
	254	5	0,000	-5,500	-11,548	-11,548	0,000	98,629	0,000	0,099	60,464	0,000	0,064
Plate_1_9	254	1	0,000	-5,500	-11,544	-11,544	0,000	94,955	0,000	0,095	60,464	0,000	0,064
Element 18-24 (Plate)	255	2	0,000	-5,566	-11,595	-11,595	0,000	54,386	0,000	0,054	65,364	0,000	0,067
(Paratia 800)	256	3	0,000	-5,633	-11,648	-11,648	0,000	21,948	0,000	0,022	67,856	0,000	0,070
	257	4	0,000	-5,699	-11,702	-11,702	0,000	-3,006	-0,003	0,000	68,440	0,000	0,070
	588	5	0,000	-5,765	-11,755	-11,755	0,000	-21,123	-0,021	0,000	67,607	0,000	0,070

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [10^{-3} kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [10^{-3} kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_9	588	1	0,000	-5,765	-11,755	-11,755	0,000	-22,183	-0,022	0,000	67,607	0,000	0,070
Element 18-25 (Plate)	589	2	0,000	-5,847	-11,820	-11,820	0,000	-38,985	-0,039	0,000	65,069	0,000	0,068
(Paratia 800)	590	3	0,000	-5,929	-11,886	-11,886	0,000	-51,313	-0,051	0,000	61,340	0,000	0,065
	591	4	0,000	-6,011	-11,951	-11,951	0,000	-59,370	-0,059	0,000	56,774	0,000	0,062
	990	5	0,000	-6,093	-12,016	-12,016	0,000	-63,359	-0,063	0,000	51,720	0,000	0,058
Plate_1_9	990	1	0,000	-6,093	-12,016	-12,016	0,000	-63,954	-0,064	0,000	51,720	0,000	0,058
Element 18-26 (Plate)	991	2	0,000	-6,194	-12,095	-12,095	0,000	-65,079	-0,065	0,000	45,160	0,000	0,053
(Paratia 800)	992	3	0,000	-6,296	-12,174	-12,174	0,000	-63,194	-0,063	0,000	38,638	0,000	0,049
	993	4	0,000	-6,397	-12,253	-12,253	0,000	-58,440	-0,058	0,000	32,451	0,000	0,044
	1398	5	0,000	-6,498	-12,330	-12,330	0,000	-50,958	-0,051	0,000	26,890	0,000	0,040
Plate_1_9	1398	1	0,000	-6,498	-12,330	-12,330	0,000	-51,396	-0,051	0,000	26,890	0,000	0,040
Element 18-27 (Plate)	1399	2	0,000	-6,623	-12,426	-12,426	0,000	-39,648	-0,040	0,000	21,170	0,000	0,036
(Paratia 800)	1400	3	0,000	-6,749	-12,520	-12,520	0,000	-26,072	-0,026	0,000	17,039	0,000	0,033
	1401	4	0,000	-6,874	-12,614	-12,614	0,000	-10,799	-0,011	0,000	14,711	0,000	0,031
	1750	5	0,000	-6,999	-12,707	-12,707	0,000	6,039	-0,002	0,006	14,398	0,000	0,031
Plate_1_9	1750	1	0,000	-6,999	-12,707	-12,707	0,000	5,663	-0,002	0,006	14,398	0,000	0,031
Element 18-28 (Plate)	1751	2	0,000	-7,154	-12,820	-12,820	0,000	27,625	0,000	0,028	16,967	0,000	0,033
(Paratia 800)	1752	3	0,000	-7,309	-12,932	-12,932	0,000	49,952	0,000	0,050	22,971	0,000	0,038
	1753	4	0,000	-7,463	-13,044	-13,044	0,000	72,519	0,000	0,073	32,446	0,000	0,045
	2022	5	0,000	-7,618	-13,153	-13,153	0,000	95,200	0,000	0,095	45,423	0,000	0,055
Plate_1_9	2022	1	0,000	-7,618	-13,153	-13,153	0,000	94,798	0,000	0,095	45,423	0,000	0,055
Element 18-29 (Plate)	2023	2	0,000	-7,809	-13,288	-13,288	0,000	122,053	0,000	0,122	66,190	0,000	0,070
(Paratia 800)	2024	3	0,000	-8,001	-13,420	-13,420	0,000	147,357	0,000	0,147	92,005	0,000	0,092
	2025	4	0,000	-8,192	-13,552	-13,552	0,000	170,556	0,000	0,171	122,455	0,000	0,122
	2046	5	0,000	-8,383	-13,682	-13,682	0,000	191,492	0,000	0,191	157,120	0,000	0,157
Plate_1_9	2046	1	0,000	-8,383	-13,682	-13,682	0,000	190,844	0,000	0,191	157,120	0,000	0,157
Element 18-30 (Plate)	2047	2	0,000	-8,620	-13,841	-13,841	0,000	212,829	0,000	0,213	204,961	0,000	0,205
(Paratia 800)	2048	3	0,000	-8,856	-13,999	-13,999	0,000	228,369	0,000	0,228	257,286	0,000	0,257
	2049	4	0,000	-9,093	-14,155	-14,155	0,000	237,077	0,000	0,237	312,465	0,000	0,312

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [10^{-3} kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [10^{-3} kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	2210	5	0,000	-9,329	-14,311	-14,311	0,000	238,567	0,000	0,239	368,847	0,000	0,369
Plate_1_9	2210	1	0,000	-9,329	-14,312	-14,312	0,000	234,771	0,000	0,235	368,847	0,000	0,369
Element 18-31 (Plate)	2211	2	0,000	-9,622	-14,504	-14,504	0,000	225,684	0,000	0,226	436,737	0,000	0,437
(Paratia 800)	2212	3	0,000	-9,914	-14,698	-14,698	0,000	188,694	0,000	0,189	498,129	0,000	0,498
	2213	4	0,000	-10,206	-14,896	-14,896	0,000	120,663	0,000	0,121	544,064	0,000	0,544
	2262	5	0,000	-10,499	-15,099	-15,099	0,000	18,453	0,000	0,018	565,301	0,000	0,565
Plate_1_10	2262	1	0,000	-10,499	-15,104	-15,104	0,000	-3,887	-0,012	0,000	565,301	0,000	0,565
Element 19-32 (Plate)	2263	2	0,000	-10,792	-15,082	-15,082	0,000	-112,695	-0,113	0,000	547,037	0,000	0,547
(Paratia 800)	2264	3	0,000	-11,085	-15,047	-15,047	0,000	-179,822	-0,180	0,000	503,377	0,000	0,503
	2265	4	0,000	-11,379	-15,000	-15,000	0,000	-211,609	-0,212	0,000	444,995	0,000	0,445
	2838	5	0,000	-11,672	-14,940	-14,940	0,000	-214,395	-0,214	0,000	381,994	0,000	0,382
Plate_1_10	2838	1	0,000	-11,672	-14,939	-14,939	0,000	-220,614	-0,221	0,000	381,994	0,000	0,382
Element 19-33 (Plate)	2839	2	0,000	-11,970	-14,862	-14,862	0,000	-217,252	-0,217	0,000	316,486	0,000	0,316
(Paratia 800)	2840	3	0,000	-12,269	-14,768	-14,768	0,000	-208,295	-0,208	0,000	252,832	0,000	0,253
	2841	4	0,000	-12,568	-14,658	-14,658	0,000	-194,392	-0,194	0,000	192,566	0,000	0,193
	2951	5	0,000	-12,866	-14,530	-14,530	0,000	-176,193	-0,176	0,000	137,166	0,000	0,137
Plate_1_10	2951	1	0,000	-12,866	-14,529	-14,529	0,000	-177,171	-0,177	0,000	137,166	0,000	0,137
Element 19-34 (Plate)	2948	2	0,000	-13,170	-14,381	-14,381	0,000	-157,830	-0,158	0,000	86,252	0,000	0,086
(Paratia 800)	2949	3	0,000	-13,474	-14,212	-14,212	0,000	-138,307	-0,138	0,000	41,235	0,000	0,041
	2950	4	0,000	-13,778	-14,022	-14,022	0,000	-118,746	-0,119	0,000	2,151	-0,024	0,002
	3590	5	0,000	-14,082	-13,812	-13,812	0,000	-99,288	-0,099	0,000	-30,973	-0,053	0,000
Plate_1_10	3590	1	0,000	-14,082	-13,811	-13,811	0,000	-99,461	-0,099	0,000	-30,973	-0,053	0,000
Element 19-35 (Plate)	3591	2	0,000	-14,392	-13,573	-13,573	0,000	-80,386	-0,080	0,000	-58,780	-0,079	0,000
(Paratia 800)	3592	3	0,000	-14,701	-13,310	-13,310	0,000	-62,073	-0,066	0,000	-80,805	-0,101	0,000
	3593	4	0,000	-15,010	-13,020	-13,020	0,000	-44,599	-0,056	0,000	-97,296	-0,120	0,000
	4198	5	0,000	-15,320	-12,704	-12,704	0,000	-28,040	-0,046	0,000	-108,508	-0,136	0,000
Plate_1_10	4198	1	0,000	-15,320	-12,702	-12,702	0,000	-28,394	-0,046	0,000	-108,508	-0,136	0,000
Element 19-36 (Plate)	4199	2	0,000	-15,635	-12,351	-12,351	0,000	-13,718	-0,036	0,000	-115,071	-0,148	0,000
(Paratia 800)	4200	3	0,000	-15,950	-11,965	-11,965	0,000	-1,841	-0,026	0,000	-117,444	-0,158	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [10^{-3} kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [10^{-3} kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	4201	4	0,000	-16,265	-11,543	-11,543	0,000	7,139	-0,015	0,007	-116,535	-0,165	0,000
	4904	5	0,000	-16,580	-11,087	-11,087	0,000	13,121	-0,005	0,013	-113,262	-0,168	0,000
Plate_1_10	4904	1	0,000	-16,580	-11,084	-11,084	0,000	13,719	-0,005	0,014	-113,262	-0,168	0,000
Element 19-37 (Plate)	4905	2	0,000	-16,901	-10,578	-10,578	0,000	15,222	0,000	0,015	-108,576	-0,168	0,000
(Paratia 800)	4906	3	0,000	-17,222	-10,022	-10,022	0,000	15,933	0,000	0,019	-103,597	-0,163	0,000
	4907	4	0,000	-17,543	-9,415	-9,415	0,000	16,733	0,000	0,033	-98,342	-0,155	0,000
	5710	5	0,000	-17,864	-8,758	-8,758	0,000	18,499	0,000	0,047	-92,742	-0,142	0,000
Plate_1_10	5710	1	0,000	-17,864	-8,751	-8,751	0,000	18,385	0,000	0,045	-92,742	-0,142	0,000
Element 19-38 (Plate)	5711	2	0,000	-18,190	-8,020	-8,020	0,000	28,394	0,000	0,062	-85,163	-0,125	0,000
(Paratia 800)	5712	3	0,000	-18,517	-7,208	-7,208	0,000	38,502	0,000	0,072	-74,146	-0,103	0,000
	5713	4	0,000	-18,843	-6,311	-6,311	0,000	46,732	0,000	0,076	-60,212	-0,078	0,000
	6254	5	0,000	-19,170	-5,327	-5,327	0,000	51,107	0,000	0,072	-44,078	-0,054	0,000
Plate_1_10	6254	1	0,000	-19,170	-5,297	-5,297	0,000	40,735	0,000	0,067	-44,078	-0,054	0,000
Element 19-39 (Plate)	6255	2	0,000	-19,502	-4,197	-4,197	0,000	51,173	0,000	0,065	-28,535	-0,032	0,000
(Paratia 800)	6256	3	0,000	-19,835	-2,892	-2,892	0,000	46,623	0,000	0,050	-11,608	-0,012	0,000
	6257	4	0,000	-20,167	-1,363	-1,363	0,000	21,844	0,000	0,022	0,237	-0,001	0,000
	6258	5	0,000	-20,500	0,410	0,000	0,410	-28,401	-0,028	0,000	0,000	0,000	0,000

3.1.1.1.3 Calculation results, Plate, scavo [Phase_2] (2/19), Table of plate force envelopes

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_1	303	1	0,000	-0,520	0,000	0,000	0,023	0,007	-0,057	0,007	0,000	0,000	0,000
Element 1-1 (Plate)	304	2	0,000	-0,640	-0,646	-0,646	0,000	-0,018	-0,040	0,182	-0,001	-0,002	0,006
(Paratia 800)	305	3	0,000	-0,760	-1,294	-1,294	0,000	-0,035	-0,071	0,491	-0,004	-0,009	0,047
	306	4	0,000	-0,880	-1,941	-1,941	0,000	-0,044	-0,092	0,818	-0,009	-0,019	0,125
	307	5	0,000	-1,000	-2,589	-2,589	0,000	-0,046	-0,101	1,107	-0,014	-0,031	0,241
Plate_1_2	307	1	0,000	-1,000	-2,638	-2,638	0,000	-0,243	-0,243	1,098	-0,014	-0,031	0,241
Element 3-4 (Plate)	33	2	0,000	-1,250	-3,940	-3,940	0,000	-0,062	-0,116	1,071	-0,034	-0,058	0,521
(Paratia 800)	34	3	0,000	-1,500	-5,474	-5,483	0,000	-0,747	-0,747	0,614	-0,118	-0,118	0,741
	35	4	0,000	-1,750	-7,234	-7,290	0,000	-2,279	-2,279	0,000	-0,478	-0,478	0,793
	46	5	0,000	-2,000	-9,213	-9,302	0,000	-4,640	-4,640	0,000	-1,326	-1,326	0,575
Plate_1_3	46	1	0,000	-2,000	-9,207	-9,279	0,000	-4,615	-4,615	0,000	-1,326	-1,326	0,575
Element 4-5 (Plate)	47	2	0,000	-2,125	-10,261	-10,307	0,000	-6,031	-6,031	0,000	-1,989	-1,989	0,334
(Paratia 800)	48	3	0,000	-2,250	-11,363	-11,381	0,000	-7,626	-7,626	0,000	-2,841	-2,841	0,000
	49	4	0,000	-2,375	-12,512	-12,536	0,000	-9,400	-9,400	0,000	-3,904	-3,904	0,000
	78	5	0,000	-2,500	-13,709	-13,737	0,000	-11,354	-11,354	0,000	-5,199	-5,199	0,000
Plate_1_4	78	1	0,000	-2,500	-13,710	-13,735	0,000	-11,357	-11,357	0,000	-5,199	-5,199	0,000
Element 6-7 (Plate)	79	2	0,000	-2,750	-16,253	-16,292	0,000	-15,820	-15,820	0,000	-8,579	-8,579	0,000
(Paratia 800)	80	3	0,000	-3,000	-18,994	-19,038	0,000	-21,026	-21,026	0,001	-13,171	-13,171	0,000
	81	4	0,000	-3,250	-21,931	-21,961	0,000	-26,973	-26,973	0,023	-19,157	-19,157	0,000
	108	5	0,000	-3,500	-25,063	-25,063	0,000	-33,660	-33,660	0,052	-26,719	-26,719	0,000
Plate_1_5	108	1	0,000	-3,500	-25,042	-25,042	0,000	-33,664	-33,664	0,051	-26,719	-26,719	0,000
Element 7-8 (Plate)	109	2	0,000	-3,673	-27,355	-27,355	0,000	-38,722	-38,722	0,070	-32,955	-32,955	0,000
(Paratia 800)	110	3	0,000	-3,845	-29,696	-29,696	0,000	-44,147	-44,147	0,088	-40,099	-40,099	0,000
	111	4	0,000	-4,018	-32,061	-32,061	0,000	-49,935	-49,935	0,105	-48,210	-48,210	0,000
	134	5	0,000	-4,190	-34,449	-34,449	0,000	-56,081	-56,081	0,121	-57,347	-57,347	0,000
Plate_1_6	134	1	0,000	-4,190	-34,449	-34,449	0,000	-56,082	-56,082	0,121	-57,347	-57,347	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Element 9-10 (Plate)	135	2	0,000	-4,268	-35,529	-35,529	0,000	-58,959	-58,959	0,127	-61,803	-61,803	0,000
(Paratia 800)	136	3	0,000	-4,345	-36,614	-36,614	0,000	-61,911	-61,911	0,133	-66,488	-66,488	0,000
	137	4	0,000	-4,423	-37,704	-37,704	0,000	-64,935	-64,935	0,139	-71,404	-71,404	0,000
	158	5	0,000	-4,500	-38,797	-38,797	0,000	-68,028	-68,028	0,144	-76,554	-76,554	0,000
Plate_1_7	158	1	0,000	-4,500	-38,757	-38,757	0,000	-67,886	-67,886	0,144	-76,554	-76,554	0,000
Element 10-11 (Plate)	159	2	0,000	-4,607	-39,341	-39,341	0,000	-69,855	-69,855	0,150	-83,915	-83,915	0,000
(Paratia 800)	160	3	0,000	-4,714	-39,841	-39,841	0,000	-71,613	-71,613	0,154	-91,479	-91,479	0,000
	161	4	0,000	-4,821	-40,245	-40,245	0,000	-73,117	-73,117	0,156	-99,217	-99,217	0,000
	172	5	0,000	-4,928	-40,540	-40,540	0,000	-74,327	-74,327	0,157	-107,098	-107,098	0,004
Plate_1_7	172	1	0,000	-4,928	-40,519	-40,519	0,000	-74,253	-74,253	0,156	-107,098	-107,098	0,004
Element 10-12 (Plate)	173	2	0,000	-5,009	-40,652	-40,652	0,000	-74,906	-74,906	0,155	-113,151	-113,151	0,010
(Paratia 800)	174	3	0,000	-5,090	-40,712	-40,712	0,000	-75,369	-75,369	0,153	-119,252	-119,252	0,019
	175	4	0,000	-5,171	-40,700	-40,700	0,000	-75,643	-75,643	0,149	-125,384	-125,384	0,029
	195	5	0,000	-5,252	-40,614	-40,614	0,000	-75,730	-75,730	0,143	-131,527	-131,527	0,038
Plate_1_7	195	1	0,000	-5,252	-40,633	-40,633	0,000	-75,727	-75,727	0,143	-131,527	-131,527	0,038
Element 10-13 (Plate)	192	2	0,000	-5,314	-40,479	-40,479	0,000	-75,680	-75,680	0,138	-136,193	-136,193	0,045
(Paratia 800)	193	3	0,000	-5,375	-40,350	-40,350	0,000	-75,511	-75,511	0,131	-140,854	-140,854	0,052
	194	4	0,000	-5,437	-40,250	-40,250	0,000	-75,233	-75,233	0,123	-145,502	-145,502	0,058
	221	5	0,000	-5,499	-40,183	-40,183	0,000	-74,858	-74,858	0,115	-150,127	-150,127	0,063
Plate_1_8	221	1	0,000	-5,499	-40,113	-40,113	0,000	-74,470	-74,470	0,100	-150,127	-150,127	0,063
Element 12-15 (Plate)	218	2	0,000	-5,499	-40,110	-40,110	0,000	-74,456	-74,456	0,100	-150,151	-150,151	0,064
(Paratia 800)	219	3	0,000	-5,499	-40,108	-40,108	0,000	-74,445	-74,445	0,099	-150,174	-150,174	0,064
	220	4	0,000	-5,500	-40,106	-40,106	0,000	-74,435	-74,435	0,099	-150,197	-150,197	0,064
	254	5	0,000	-5,500	-40,104	-40,104	0,000	-74,427	-74,427	0,099	-150,220	-150,220	0,064
Plate_1_9	254	1	0,000	-5,500	-40,174	-40,174	0,000	-74,662	-74,662	0,095	-150,220	-150,220	0,064
Element 18-24 (Plate)	255	2	0,000	-5,566	-39,673	-39,673	0,000	-72,341	-72,341	0,054	-155,092	-155,092	0,067
(Paratia 800)	256	3	0,000	-5,633	-39,153	-39,153	0,000	-69,964	-69,964	0,022	-159,811	-159,811	0,070
	257	4	0,000	-5,699	-38,623	-38,623	0,000	-67,560	-67,560	0,000	-164,370	-164,370	0,070
	588	5	0,000	-5,765	-38,092	-38,092	0,000	-65,158	-65,158	0,000	-168,768	-168,768	0,070

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_9	588	1	0,000	-5,765	-38,095	-38,095	0,000	-65,164	-65,164	0,000	-168,768	-168,768	0,070
Element 18-25 (Plate)	589	2	0,000	-5,847	-37,452	-37,452	0,000	-62,239	-62,239	0,000	-173,988	-173,988	0,068
(Paratia 800)	590	3	0,000	-5,929	-36,803	-36,803	0,000	-59,295	-59,295	0,000	-178,968	-178,968	0,065
	591	4	0,000	-6,011	-36,150	-36,150	0,000	-56,333	-56,333	0,000	-183,707	-183,707	0,062
	990	5	0,000	-6,093	-35,492	-35,492	0,000	-53,357	-53,357	0,000	-188,201	-188,201	0,058
Plate_1_9	990	1	0,000	-6,093	-35,496	-35,496	0,000	-53,368	-53,368	0,000	-188,201	-188,201	0,058
Element 18-26 (Plate)	991	2	0,000	-6,194	-34,685	-34,685	0,000	-49,694	-49,694	0,000	-193,420	-193,420	0,053
(Paratia 800)	992	3	0,000	-6,296	-33,881	-33,881	0,000	-46,036	-46,036	1,665	-198,269	-198,269	0,049
	993	4	0,000	-6,397	-33,084	-33,084	0,000	-42,400	-42,400	3,386	-202,749	-202,749	0,044
	1398	5	0,000	-6,498	-32,295	-32,295	0,000	-38,788	-38,788	4,928	-206,860	-206,860	0,040
Plate_1_9	1398	1	0,000	-6,498	-32,295	-32,295	0,000	-38,788	-38,788	4,941	-206,860	-206,860	0,040
Element 18-27 (Plate)	1399	2	0,000	-6,623	-31,331	-31,331	0,000	-34,358	-34,358	6,636	-211,438	-211,438	0,036
(Paratia 800)	1400	3	0,000	-6,749	-30,383	-30,383	0,000	-29,984	-29,984	8,131	-215,466	-215,466	0,033
	1401	4	0,000	-6,874	-29,455	-29,455	0,000	-25,671	-25,671	9,433	-218,951	-218,951	0,031
	1750	5	0,000	-6,999	-28,547	-28,547	0,000	-21,428	-21,428	10,545	-221,898	-221,898	0,031
Plate_1_9	1750	1	0,000	-6,999	-28,526	-28,526	0,000	-21,441	-21,441	10,560	-221,898	-221,898	0,031
Element 18-28 (Plate)	1751	2	0,000	-7,154	-27,483	-27,483	0,000	-16,330	-16,330	11,819	-224,818	-224,818	0,033
(Paratia 800)	1752	3	0,000	-7,309	-26,414	-26,414	0,000	-11,398	-11,398	13,391	-226,962	-226,962	0,038
	1753	4	0,000	-7,463	-25,314	-25,314	0,000	-6,654	-6,654	14,868	-228,357	-228,357	0,045
	2022	5	0,000	-7,618	-24,175	-24,175	0,000	-2,106	-2,106	16,517	-229,032	-229,032	0,055
Plate_1_9	2022	1	0,000	-7,618	-24,181	-24,181	0,000	-2,116	-2,116	16,532	-229,032	-229,032	0,055
Element 18-29 (Plate)	2023	2	0,000	-7,809	-22,726	-22,726	0,000	3,201	0,000	18,233	-228,923	-228,923	0,070
(Paratia 800)	2024	3	0,000	-8,001	-21,255	-21,255	1,258	8,151	0,000	19,612	-227,830	-227,830	0,092
	2025	4	0,000	-8,192	-19,774	-19,774	2,527	12,724	0,000	21,498	-225,827	-225,827	0,122
	2046	5	0,000	-8,383	-18,288	-18,288	3,746	16,911	0,000	23,015	-222,987	-222,987	0,157
Plate_1_9	2046	1	0,000	-8,383	-18,296	-18,296	3,747	16,906	0,000	23,035	-222,987	-222,987	0,157
Element 18-30 (Plate)	2047	2	0,000	-8,620	-16,481	-16,481	5,189	21,501	0,000	24,443	-218,434	-218,434	0,205
(Paratia 800)	2048	3	0,000	-8,856	-14,708	-14,708	6,558	25,463	0,000	26,819	-212,866	-212,866	0,257
	2049	4	0,000	-9,093	-12,979	-14,155	7,855	28,797	0,000	29,223	-206,436	-206,436	0,312

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	2210	5	0,000	-9,329	-11,297	-14,311	9,076	31,505	0,000	31,505	-199,295	-199,295	0,369
Plate_1_9	2210	1	0,000	-9,329	-11,316	-14,312	9,074	31,592	0,000	31,592	-199,295	-199,295	0,369
Element 18-31 (Plate)	2211	2	0,000	-9,622	-9,268	-14,504	10,483	34,035	0,000	34,035	-189,687	-189,687	0,437
(Paratia 800)	2212	3	0,000	-9,914	-7,301	-14,698	11,768	35,999	0,000	35,999	-179,446	-179,446	0,498
	2213	4	0,000	-10,206	-5,377	-14,896	12,925	37,737	0,000	37,737	-168,656	-168,656	0,544
	2262	5	0,000	-10,499	-3,460	-15,099	13,946	39,502	0,000	39,502	-157,376	-157,376	0,565
Plate_1_10	2262	1	0,000	-10,499	-3,886	-15,104	13,931	40,125	-0,012	40,125	-157,376	-157,376	0,565
Element 19-32 (Plate)	2263	2	0,000	-10,792	-1,129	-15,082	15,467	42,678	-0,113	42,678	-145,195	-145,195	0,547
(Paratia 800)	2264	3	0,000	-11,085	1,535	-15,047	16,923	43,720	-0,180	43,720	-132,495	-132,495	0,503
	2265	4	0,000	-11,379	4,111	-15,000	18,629	43,462	-0,212	43,462	-119,673	-119,673	0,445
	2838	5	0,000	-11,672	6,607	-14,940	20,222	42,116	-0,214	42,116	-107,106	-107,106	0,382
Plate_1_10	2838	1	0,000	-11,672	6,606	-14,939	20,221	42,296	-0,221	42,296	-107,106	-107,106	0,382
Element 19-33 (Plate)	2839	2	0,000	-11,970	9,073	-14,862	21,727	40,499	-0,217	40,499	-94,739	-94,739	0,316
(Paratia 800)	2840	3	0,000	-12,269	11,443	-14,768	23,320	38,362	-0,208	38,362	-82,957	-82,957	0,253
	2841	4	0,000	-12,568	13,712	-14,658	24,904	35,924	-0,194	35,924	-71,856	-71,856	0,193
	2951	5	0,000	-12,866	15,876	-14,530	26,359	33,227	-0,176	33,227	-61,530	-61,530	0,137
Plate_1_10	2951	1	0,000	-12,866	15,868	-14,529	26,356	33,279	-0,177	33,279	-61,530	-61,530	0,137
Element 19-34 (Plate)	2948	2	0,000	-13,170	17,945	-14,381	27,697	30,420	-0,158	30,420	-51,850	-51,850	0,086
(Paratia 800)	2949	3	0,000	-13,474	19,873	-14,212	28,890	27,559	-0,138	27,559	-43,037	-43,037	0,548
	2950	4	0,000	-13,778	21,648	-14,022	29,933	24,720	-0,119	24,720	-35,089	-35,089	1,330
	3590	5	0,000	-14,082	23,267	-13,812	30,823	21,927	-0,099	21,927	-28,002	-28,002	1,947
Plate_1_10	3590	1	0,000	-14,082	23,260	-13,811	30,818	21,950	-0,099	21,950	-28,002	-28,002	1,947
Element 19-35 (Plate)	3591	2	0,000	-14,392	24,737	-13,573	31,561	19,246	-0,080	19,246	-21,633	-21,633	2,422
(Paratia 800)	3592	3	0,000	-14,701	26,022	-13,310	32,125	16,702	-0,066	16,702	-16,074	-16,074	2,758
	3593	4	0,000	-15,010	27,112	-13,020	32,519	14,324	-0,056	14,324	-11,276	-11,276	3,209
	4198	5	0,000	-15,320	28,004	-12,704	32,927	12,118	-0,046	12,118	-7,189	-7,189	3,992
Plate_1_10	4198	1	0,000	-15,320	27,996	-12,702	32,918	12,115	-0,046	12,115	-7,189	-7,189	3,992
Element 19-36 (Plate)	4199	2	0,000	-15,635	28,685	-12,351	33,123	10,049	-0,036	10,049	-3,702	-3,702	4,569
(Paratia 800)	4200	3	0,000	-15,950	29,131	-11,965	33,091	8,134	-0,203	8,134	-0,841	-0,841	4,976

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	4201	4	0,000	-16,265	29,331	-11,543	32,819	6,364	-0,371	6,364	1,440	-0,165	5,525
	4904	5	0,000	-16,580	29,281	-11,087	32,304	4,735	-0,508	4,735	3,184	-0,168	5,798
Plate_1_10	4904	1	0,000	-16,580	29,264	-11,084	32,292	4,740	-0,510	4,740	3,184	-0,168	5,798
Element 19-37 (Plate)	4905	2	0,000	-16,901	28,938	-10,578	31,476	3,148	-0,701	3,148	4,446	-0,168	5,828
(Paratia 800)	4906	3	0,000	-17,222	28,281	-10,022	30,357	1,697	-1,034	1,697	5,219	-0,163	5,817
	4907	4	0,000	-17,543	27,286	-9,415	28,934	0,410	-1,325	0,410	5,553	-0,155	5,866
	5710	5	0,000	-17,864	25,950	-8,758	27,205	-0,690	-1,704	0,047	5,502	-0,142	5,611
Plate_1_10	5710	1	0,000	-17,864	25,934	-8,751	27,195	-0,679	-1,706	0,045	5,502	-0,142	5,611
Element 19-38 (Plate)	5711	2	0,000	-18,190	24,191	-8,020	25,107	-1,564	-2,007	0,062	5,131	-0,125	5,131
(Paratia 800)	5712	3	0,000	-18,517	22,032	-7,208	22,728	-2,245	-2,404	0,072	4,503	-0,103	4,503
	5713	4	0,000	-18,843	19,456	-6,311	20,019	-2,719	-2,748	0,076	3,686	-0,078	3,686
	6254	5	0,000	-19,170	16,459	-5,327	16,897	-2,988	-2,988	0,072	2,749	-0,054	2,749
Plate_1_10	6254	1	0,000	-19,170	16,447	-5,297	16,883	-2,889	-2,889	0,067	2,749	-0,054	2,749
Element 19-39 (Plate)	6255	2	0,000	-19,502	12,900	-4,197	13,221	-3,046	-3,046	0,065	1,741	-0,032	1,741
(Paratia 800)	6256	3	0,000	-19,835	8,840	-2,892	9,049	-2,498	-2,498	0,050	0,802	-0,012	0,802
	6257	4	0,000	-20,167	4,286	-1,363	4,385	-1,303	-1,303	0,022	0,151	-0,001	0,151
	6258	5	0,000	-20,500	-0,742	-0,755	0,410	0,481	-0,028	0,481	0,000	0,000	0,000

3.1.1.1.4 Calculation results, Plate, chiodo [Phase_3] (3/21), Table of plate force envelopes

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_1	303	1	0,000	-0,520	0,000	0,000	0,023	0,004	-0,057	0,007	0,000	0,000	0,000
Element 1-1 (Plate)	304	2	0,000	-0,640	-0,644	-0,646	0,000	-0,015	-0,040	0,182	-0,001	-0,002	0,006
(Paratia 800)	305	3	0,000	-0,760	-1,290	-1,294	0,000	-0,029	-0,071	0,491	-0,003	-0,009	0,047
	306	4	0,000	-0,880	-1,937	-1,941	0,000	-0,039	-0,092	0,818	-0,007	-0,019	0,125
	307	5	0,000	-1,000	-2,583	-2,589	0,000	-0,045	-0,101	1,107	-0,012	-0,031	0,241
Plate_1_2	307	1	0,000	-1,000	-2,633	-2,638	0,000	-0,233	-0,243	1,098	-0,012	-0,031	0,241
Element 3-4 (Plate)	33	2	0,000	-1,250	-3,935	-3,940	0,000	-0,073	-0,116	1,071	-0,032	-0,058	0,521
(Paratia 800)	34	3	0,000	-1,500	-5,469	-5,483	0,000	-0,775	-0,775	0,614	-0,121	-0,121	0,741
	35	4	0,000	-1,750	-7,228	-7,290	0,000	-2,320	-2,320	0,000	-0,490	-0,490	0,793
	46	5	0,000	-2,000	-9,207	-9,302	0,000	-4,689	-4,689	0,000	-1,349	-1,349	0,575
Plate_1_3	46	1	0,000	-2,000	-9,201	-9,279	0,000	-4,666	-4,666	0,000	-1,349	-1,349	0,575
Element 4-5 (Plate)	47	2	0,000	-2,125	-10,254	-10,307	0,000	-6,088	-6,088	0,000	-2,019	-2,019	0,334
(Paratia 800)	48	3	0,000	-2,250	-11,355	-11,381	0,000	-7,688	-7,688	0,000	-2,879	-2,879	0,000
	49	4	0,000	-2,375	-12,503	-12,536	0,000	-9,467	-9,467	0,000	-3,949	-3,949	0,000
	78	5	0,000	-2,500	-13,700	-13,737	0,000	-11,426	-11,426	0,000	-5,253	-5,253	0,000
Plate_1_4	78	1	0,000	-2,500	-13,701	-13,735	0,000	-11,429	-11,429	0,000	-5,253	-5,253	0,000
Element 6-7 (Plate)	79	2	0,000	-2,750	-16,241	-16,292	0,000	-15,900	-15,900	0,000	-8,652	-8,652	0,000
(Paratia 800)	80	3	0,000	-3,000	-18,980	-19,038	0,000	-21,117	-21,117	0,001	-13,266	-13,266	0,000
	81	4	0,000	-3,250	-21,917	-21,961	0,000	-27,076	-27,076	0,023	-19,275	-19,275	0,000
	108	5	0,000	-3,500	-25,049	-25,063	0,000	-33,776	-33,776	0,052	-26,865	-26,865	0,000
Plate_1_5	108	1	0,000	-3,500	-25,029	-25,042	0,000	-33,780	-33,780	0,051	-26,865	-26,865	0,000
Element 7-8 (Plate)	109	2	0,000	-3,673	-27,343	-27,355	0,000	-38,848	-38,848	0,070	-33,122	-33,122	0,000
(Paratia 800)	110	3	0,000	-3,845	-29,685	-29,696	0,000	-44,283	-44,283	0,088	-40,289	-40,289	0,000
	111	4	0,000	-4,018	-32,052	-32,061	0,000	-50,080	-50,080	0,105	-48,424	-48,424	0,000
	134	5	0,000	-4,190	-34,441	-34,449	0,000	-56,235	-56,235	0,121	-57,587	-57,587	0,000
Plate_1_6	134	1	0,000	-4,190	-34,688	-34,688	0,000	-55,811	-56,082	0,121	-57,587	-57,587	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Element 9-10 (Plate)	135	2	0,000	-4,268	-35,768	-35,768	0,000	-58,692	-58,959	0,127	-62,022	-62,022	0,000
(Paratia 800)	136	3	0,000	-4,345	-36,854	-36,854	0,000	-61,647	-61,911	0,133	-66,686	-66,686	0,000
	137	4	0,000	-4,423	-37,944	-37,944	0,000	-64,674	-64,935	0,139	-71,581	-71,581	0,000
	158	5	0,000	-4,500	-39,037	-39,037	0,000	-67,771	-68,028	0,144	-76,712	-76,712	0,000
Plate_1_7	158	1	0,000	-4,500	-39,001	-39,001	0,000	-67,640	-67,886	0,144	-76,712	-76,712	0,000
Element 10-11 (Plate)	159	2	0,000	-4,607	-39,592	-39,592	0,000	-69,631	-69,855	0,150	-84,048	-84,048	0,000
(Paratia 800)	160	3	0,000	-4,714	-40,094	-40,094	0,000	-71,398	-71,613	0,154	-91,589	-91,589	0,000
	161	4	0,000	-4,821	-40,497	-40,497	0,000	-72,902	-73,117	0,156	-99,304	-99,304	0,000
	172	5	0,000	-4,928	-40,791	-40,791	0,000	-74,105	-74,327	0,157	-107,161	-107,161	0,004
Plate_1_7	172	1	0,000	-4,928	-40,770	-40,770	0,000	-74,034	-74,253	0,156	-107,161	-107,161	0,004
Element 10-12 (Plate)	173	2	0,000	-5,009	-40,902	-40,902	0,000	-74,687	-74,906	0,155	-113,196	-113,196	0,010
(Paratia 800)	174	3	0,000	-5,090	-40,962	-40,962	0,000	-75,150	-75,369	0,153	-119,280	-119,280	0,019
	175	4	0,000	-5,171	-40,950	-40,950	0,000	-75,425	-75,643	0,149	-125,393	-125,393	0,029
	195	5	0,000	-5,252	-40,864	-40,864	0,000	-75,514	-75,730	0,143	-131,519	-131,529	0,038
Plate_1_7	195	1	0,000	-5,252	-40,883	-40,883	0,000	-75,511	-75,727	0,143	-131,519	-131,529	0,038
Element 10-13 (Plate)	192	2	0,000	-5,314	-40,729	-40,729	0,000	-75,464	-75,680	0,138	-136,172	-136,193	0,045
(Paratia 800)	193	3	0,000	-5,375	-40,601	-40,601	0,000	-75,297	-75,511	0,131	-140,820	-140,854	0,052
	194	4	0,000	-5,437	-40,501	-40,501	0,000	-75,022	-75,233	0,123	-145,455	-145,502	0,058
	221	5	0,000	-5,499	-40,434	-40,434	0,000	-74,653	-74,858	0,115	-150,067	-150,127	0,063
Plate_1_8	221	1	0,000	-5,499	-40,361	-40,361	0,000	-74,258	-74,470	0,100	-150,067	-150,127	0,063
Element 12-15 (Plate)	218	2	0,000	-5,499	-40,358	-40,358	0,000	-74,245	-74,456	0,100	-150,090	-150,151	0,064
(Paratia 800)	219	3	0,000	-5,499	-40,356	-40,356	0,000	-74,233	-74,445	0,099	-150,113	-150,174	0,064
	220	4	0,000	-5,500	-40,354	-40,354	0,000	-74,223	-74,435	0,099	-150,137	-150,197	0,064
	254	5	0,000	-5,500	-40,352	-40,352	0,000	-74,215	-74,427	0,099	-150,160	-150,220	0,064
Plate_1_9	254	1	0,000	-5,500	-40,421	-40,421	0,000	-74,451	-74,662	0,095	-150,160	-150,220	0,064
Element 18-24 (Plate)	255	2	0,000	-5,566	-39,920	-39,920	0,000	-72,134	-72,341	0,054	-155,018	-155,092	0,067
(Paratia 800)	256	3	0,000	-5,633	-39,404	-39,404	0,000	-69,769	-69,964	0,022	-159,723	-159,811	0,070
	257	4	0,000	-5,699	-38,882	-38,882	0,000	-67,385	-67,560	0,000	-164,270	-164,370	0,070
	588	5	0,000	-5,765	-38,362	-38,362	0,000	-65,011	-65,158	0,000	-168,657	-168,768	0,070

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_9	588	1	0,000	-5,765	-38,364	-38,364	0,000	-65,015	-65,164	0,000	-168,657	-168,768	0,070
Element 18-25 (Plate)	589	2	0,000	-5,847	-37,734	-37,734	0,000	-62,124	-62,239	0,000	-173,866	-173,988	0,068
(Paratia 800)	590	3	0,000	-5,929	-37,099	-37,099	0,000	-59,214	-59,295	0,000	-178,839	-178,968	0,065
	591	4	0,000	-6,011	-36,459	-36,459	0,000	-56,287	-56,333	0,000	-183,572	-183,707	0,062
	990	5	0,000	-6,093	-35,815	-35,815	0,000	-53,345	-53,357	0,000	-188,063	-188,201	0,058
Plate_1_9	990	1	0,000	-6,093	-35,818	-35,818	0,000	-53,355	-53,368	0,000	-188,063	-188,201	0,058
Element 18-26 (Plate)	991	2	0,000	-6,194	-35,022	-35,022	0,000	-49,719	-49,719	0,000	-193,283	-193,420	0,053
(Paratia 800)	992	3	0,000	-6,296	-34,231	-34,231	0,000	-46,098	-46,098	1,665	-198,137	-198,269	0,049
	993	4	0,000	-6,397	-33,446	-33,446	0,000	-42,495	-42,495	3,386	-202,625	-202,749	0,044
	1398	5	0,000	-6,498	-32,668	-32,668	0,000	-38,914	-38,914	4,928	-206,747	-206,860	0,040
Plate_1_9	1398	1	0,000	-6,498	-32,668	-32,668	0,000	-38,914	-38,914	4,941	-206,747	-206,860	0,040
Element 18-27 (Plate)	1399	2	0,000	-6,623	-31,716	-31,716	0,000	-34,520	-34,520	6,636	-211,343	-211,438	0,036
(Paratia 800)	1400	3	0,000	-6,749	-30,779	-30,779	0,000	-30,176	-30,176	8,131	-215,393	-215,466	0,033
	1401	4	0,000	-6,874	-29,859	-29,859	0,000	-25,891	-25,891	9,433	-218,904	-218,951	0,031
	1750	5	0,000	-6,999	-28,959	-28,959	0,000	-21,671	-21,671	10,545	-221,880	-221,898	0,031
Plate_1_9	1750	1	0,000	-6,999	-28,937	-28,937	0,000	-21,684	-21,684	10,560	-221,880	-221,898	0,031
Element 18-28 (Plate)	1751	2	0,000	-7,154	-27,903	-27,903	0,000	-16,597	-16,597	11,819	-224,840	-224,840	0,033
(Paratia 800)	1752	3	0,000	-7,309	-26,840	-26,840	0,000	-11,682	-11,682	13,391	-227,026	-227,026	0,038
	1753	4	0,000	-7,463	-25,740	-25,740	0,000	-6,950	-6,950	14,868	-228,466	-228,466	0,045
	2022	5	0,000	-7,618	-24,600	-24,600	0,000	-2,410	-2,410	16,517	-229,188	-229,188	0,055
Plate_1_9	2022	1	0,000	-7,618	-24,606	-24,606	0,000	-2,419	-2,419	16,532	-229,188	-229,188	0,055
Element 18-29 (Plate)	2023	2	0,000	-7,809	-23,145	-23,145	0,000	2,898	0,000	18,233	-229,136	-229,136	0,070
(Paratia 800)	2024	3	0,000	-8,001	-21,668	-21,668	1,258	7,855	0,000	19,612	-228,101	-228,101	0,092
	2025	4	0,000	-8,192	-20,180	-20,180	2,527	12,443	0,000	21,498	-226,153	-226,153	0,122
	2046	5	0,000	-8,383	-18,686	-18,686	3,746	16,652	0,000	23,015	-223,364	-223,364	0,157
Plate_1_9	2046	1	0,000	-8,383	-18,694	-18,694	3,747	16,647	0,000	23,035	-223,364	-223,364	0,157
Element 18-30 (Plate)	2047	2	0,000	-8,620	-16,869	-16,869	5,189	21,280	0,000	24,443	-218,868	-218,868	0,205
(Paratia 800)	2048	3	0,000	-8,856	-15,084	-15,084	6,558	25,284	0,000	26,819	-213,348	-213,348	0,257
	2049	4	0,000	-9,093	-13,344	-14,155	7,855	28,660	0,000	29,223	-206,956	-206,956	0,312

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	2210	5	0,000	-9,329	-11,648	-14,311	9,076	31,412	0,000	31,505	-199,842	-199,842	0,369
Plate_1_9	2210	1	0,000	-9,329	-11,668	-14,312	9,074	31,499	0,000	31,592	-199,842	-199,842	0,369
Element 18-31 (Plate)	2211	2	0,000	-9,622	-9,605	-14,504	10,483	33,989	0,000	34,035	-190,254	-190,254	0,437
(Paratia 800)	2212	3	0,000	-9,914	-7,625	-14,698	11,768	35,992	0,000	35,999	-180,021	-180,021	0,498
	2213	4	0,000	-10,206	-5,690	-14,896	12,925	37,756	0,000	37,756	-169,228	-169,228	0,544
	2262	5	0,000	-10,499	-3,766	-15,099	13,946	39,533	0,000	39,533	-157,940	-157,940	0,565
Plate_1_10	2262	1	0,000	-10,499	-4,193	-15,104	13,931	40,155	-0,012	40,155	-157,940	-157,940	0,565
Element 19-32 (Plate)	2263	2	0,000	-10,792	-1,424	-15,082	15,467	42,731	-0,113	42,731	-145,747	-145,747	0,547
(Paratia 800)	2264	3	0,000	-11,085	1,251	-15,047	16,923	43,794	-0,180	43,794	-133,029	-133,029	0,503
	2265	4	0,000	-11,379	3,840	-15,000	18,629	43,554	-0,212	43,554	-120,182	-120,182	0,445
	2838	5	0,000	-11,672	6,348	-14,940	20,222	42,218	-0,214	42,218	-107,587	-107,587	0,382
Plate_1_10	2838	1	0,000	-11,672	6,347	-14,939	20,221	42,399	-0,221	42,399	-107,587	-107,587	0,382
Element 19-33 (Plate)	2839	2	0,000	-11,970	8,826	-14,862	21,727	40,608	-0,217	40,608	-95,188	-95,188	0,316
(Paratia 800)	2840	3	0,000	-12,269	11,207	-14,768	23,320	38,475	-0,208	38,475	-83,373	-83,373	0,253
	2841	4	0,000	-12,568	13,486	-14,658	24,904	36,039	-0,194	36,039	-72,238	-72,238	0,193
	2951	5	0,000	-12,866	15,661	-14,530	26,359	33,341	-0,176	33,341	-61,877	-61,877	0,137
Plate_1_10	2951	1	0,000	-12,866	15,653	-14,529	26,356	33,393	-0,177	33,393	-61,877	-61,877	0,137
Element 19-34 (Plate)	2948	2	0,000	-13,170	17,739	-14,381	27,697	30,534	-0,158	30,534	-52,162	-52,162	0,086
(Paratia 800)	2949	3	0,000	-13,474	19,676	-14,212	28,890	27,670	-0,138	27,670	-43,315	-43,315	0,548
	2950	4	0,000	-13,778	21,460	-14,022	29,933	24,827	-0,119	24,827	-35,334	-35,334	1,330
	3590	5	0,000	-14,082	23,089	-13,812	30,823	22,027	-0,099	22,027	-28,216	-28,216	1,947
Plate_1_10	3590	1	0,000	-14,082	23,082	-13,811	30,818	22,051	-0,099	22,051	-28,216	-28,216	1,947
Element 19-35 (Plate)	3591	2	0,000	-14,392	24,568	-13,573	31,561	19,339	-0,080	19,339	-21,817	-21,817	2,422
(Paratia 800)	3592	3	0,000	-14,701	25,862	-13,310	32,125	16,787	-0,066	16,787	-16,230	-16,230	2,758
	3593	4	0,000	-15,010	26,962	-13,020	32,519	14,401	-0,056	14,401	-11,406	-11,406	3,209
	4198	5	0,000	-15,320	27,863	-12,704	32,927	12,187	-0,046	12,187	-7,298	-7,298	3,992
Plate_1_10	4198	1	0,000	-15,320	27,854	-12,702	32,918	12,184	-0,046	12,184	-7,298	-7,298	3,992
Element 19-36 (Plate)	4199	2	0,000	-15,635	28,553	-12,351	33,123	10,109	-0,036	10,109	-3,790	-3,790	4,569
(Paratia 800)	4200	3	0,000	-15,950	29,008	-11,965	33,091	8,186	-0,203	8,186	-0,911	-0,911	4,976

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	4201	4	0,000	-16,265	29,217	-11,543	32,819	6,408	-0,371	6,408	1,384	-0,165	5,525
	4904	5	0,000	-16,580	29,176	-11,087	32,304	4,771	-0,508	4,771	3,142	-0,168	5,798
Plate_1_10	4904	1	0,000	-16,580	29,159	-11,084	32,292	4,777	-0,510	4,777	3,142	-0,168	5,798
Element 19-37 (Plate)	4905	2	0,000	-16,901	28,842	-10,578	31,476	3,179	-0,701	3,179	4,415	-0,168	5,828
(Paratia 800)	4906	3	0,000	-17,222	28,193	-10,022	30,357	1,722	-1,034	1,722	5,196	-0,163	5,817
	4907	4	0,000	-17,543	27,207	-9,415	28,934	0,430	-1,325	0,430	5,537	-0,155	5,866
	5710	5	0,000	-17,864	25,879	-8,758	27,205	-0,675	-1,704	0,047	5,492	-0,142	5,611
Plate_1_10	5710	1	0,000	-17,864	25,864	-8,751	27,195	-0,664	-1,706	0,045	5,492	-0,142	5,611
Element 19-38 (Plate)	5711	2	0,000	-18,190	24,129	-8,020	25,107	-1,553	-2,007	0,062	5,125	-0,125	5,131
(Paratia 800)	5712	3	0,000	-18,517	21,979	-7,208	22,728	-2,237	-2,404	0,072	4,500	-0,103	4,503
	5713	4	0,000	-18,843	19,411	-6,311	20,019	-2,715	-2,748	0,076	3,686	-0,078	3,686
	6254	5	0,000	-19,170	16,423	-5,327	16,897	-2,985	-2,988	0,072	2,749	-0,054	2,749
Plate_1_10	6254	1	0,000	-19,170	16,411	-5,297	16,883	-2,887	-2,889	0,067	2,749	-0,054	2,749
Element 19-39 (Plate)	6255	2	0,000	-19,502	12,873	-4,197	13,221	-3,046	-3,046	0,065	1,742	-0,032	1,742
(Paratia 800)	6256	3	0,000	-19,835	8,822	-2,892	9,049	-2,499	-2,499	0,050	0,803	-0,012	0,803
	6257	4	0,000	-20,167	4,278	-1,363	4,385	-1,304	-1,304	0,022	0,151	-0,001	0,151
	6258	5	0,000	-20,500	-0,740	-0,755	0,410	0,481	-0,028	0,481	0,000	0,000	0,000

3.1.1.1.5 Calculation results, Plate, scavo per plinto [Phase_4] (4/24), Table of plate force envelopes

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_1	303	1	0,000	-0,520	0,000	0,000	0,023	0,005	-0,057	0,007	0,000	0,000	0,000
Element 1-1 (Plate)	304	2	0,000	-0,640	-0,644	-0,646	0,000	-0,011	-0,040	0,182	0,000	-0,002	0,006
(Paratia 800)	305	3	0,000	-0,760	-1,289	-1,294	0,000	-0,022	-0,071	0,491	-0,002	-0,009	0,047
	306	4	0,000	-0,880	-1,934	-1,941	0,000	-0,029	-0,092	0,818	-0,005	-0,019	0,125
	307	5	0,000	-1,000	-2,579	-2,589	0,000	-0,033	-0,101	1,107	-0,009	-0,031	0,241
Plate_1_2	307	1	0,000	-1,000	-2,634	-2,644	0,000	-0,237	-0,247	1,098	-0,009	-0,031	0,241
Element 3-4 (Plate)	33	2	0,000	-1,250	-3,913	-3,940	0,000	0,007	-0,116	1,071	-0,021	-0,058	0,521
(Paratia 800)	34	3	0,000	-1,500	-5,411	-5,483	0,000	-0,562	-0,775	0,614	-0,073	-0,121	0,741
	35	4	0,000	-1,750	-7,128	-7,290	0,000	-1,955	-2,320	0,000	-0,371	-0,490	0,793
	46	5	0,000	-2,000	-9,067	-9,302	0,000	-4,184	-4,689	0,000	-1,121	-1,349	0,575
Plate_1_3	46	1	0,000	-2,000	-9,066	-9,279	0,000	-4,176	-4,666	0,000	-1,121	-1,349	0,575
Element 4-5 (Plate)	47	2	0,000	-2,125	-10,101	-10,307	0,000	-5,538	-6,088	0,000	-1,726	-2,019	0,334
(Paratia 800)	48	3	0,000	-2,250	-11,184	-11,381	0,000	-7,075	-7,688	0,000	-2,512	-2,879	0,000
	49	4	0,000	-2,375	-12,313	-12,536	0,000	-8,786	-9,467	0,000	-3,502	-3,949	0,000
	78	5	0,000	-2,500	-13,489	-13,737	0,000	-10,674	-11,426	0,000	-4,716	-5,253	0,000
Plate_1_4	78	1	0,000	-2,500	-13,489	-13,735	0,000	-10,673	-11,429	0,000	-4,716	-5,253	0,000
Element 6-7 (Plate)	79	2	0,000	-2,750	-15,987	-16,292	0,000	-14,994	-15,900	0,000	-7,909	-8,652	0,000
(Paratia 800)	80	3	0,000	-3,000	-18,676	-19,038	0,000	-20,032	-21,117	0,001	-12,273	-13,266	0,000
	81	4	0,000	-3,250	-21,556	-21,961	0,000	-25,784	-27,076	0,023	-17,986	-19,275	0,000
	108	5	0,000	-3,500	-24,624	-25,063	0,000	-32,245	-33,776	0,052	-25,224	-26,865	0,000
Plate_1_5	108	1	0,000	-3,500	-24,625	-25,042	0,000	-32,247	-33,780	0,051	-25,224	-26,865	0,000
Element 7-8 (Plate)	109	2	0,000	-3,673	-26,853	-27,355	0,000	-37,120	-38,848	0,070	-31,200	-33,122	0,000
(Paratia 800)	110	3	0,000	-3,845	-29,174	-29,696	0,000	-42,341	-44,283	0,088	-38,051	-40,289	0,000
	111	4	0,000	-4,018	-31,587	-32,061	0,000	-47,904	-50,080	0,105	-45,831	-48,424	0,000
	134	5	0,000	-4,190	-34,090	-34,449	0,000	-53,808	-56,235	0,121	-54,597	-57,587	0,000
Plate_1_6	134	1	0,000	-4,190	-68,822	-68,822	0,000	6,183	-56,082	6,183	-54,597	-57,587	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Element 9-10 (Plate)	135	2	0,000	-4,268	-69,976	-69,976	0,000	3,419	-58,959	3,419	-54,224	-62,022	0,000
(Paratia 800)	136	3	0,000	-4,345	-71,150	-71,150	0,000	0,583	-61,911	0,583	-54,069	-66,686	0,000
	137	4	0,000	-4,423	-72,342	-72,342	0,000	-2,321	-64,935	0,139	-54,136	-71,581	0,000
	158	5	0,000	-4,500	-73,551	-73,551	0,000	-5,292	-68,028	0,144	-54,430	-76,712	0,000
Plate_1_7	158	1	0,000	-4,500	-73,552	-73,552	0,000	-5,294	-67,886	0,144	-54,430	-76,712	0,000
Element 10-11 (Plate)	159	2	0,000	-4,607	-75,250	-75,250	0,000	-9,505	-69,855	0,150	-55,220	-84,048	0,000
(Paratia 800)	160	3	0,000	-4,714	-76,984	-76,984	0,000	-13,849	-71,613	0,154	-56,467	-91,589	0,000
	161	4	0,000	-4,821	-78,753	-78,753	0,000	-18,325	-73,117	0,156	-58,185	-99,304	0,000
	172	5	0,000	-4,928	-80,556	-80,556	0,000	-22,928	-74,327	0,157	-60,388	-107,161	0,004
Plate_1_7	172	1	0,000	-4,928	-80,547	-80,547	0,000	-22,931	-74,253	0,156	-60,388	-107,161	0,004
Element 10-12 (Plate)	173	2	0,000	-5,009	-81,907	-81,907	0,000	-26,514	-74,906	0,155	-62,394	-113,196	0,010
(Paratia 800)	174	3	0,000	-5,090	-83,267	-83,267	0,000	-30,175	-75,369	0,153	-64,695	-119,280	0,019
	175	4	0,000	-5,171	-84,625	-84,625	0,000	-33,910	-75,643	0,149	-67,295	-125,393	0,029
	195	5	0,000	-5,252	-85,979	-85,979	0,000	-37,714	-75,730	0,143	-70,201	-131,529	0,038
Plate_1_7	195	1	0,000	-5,252	-85,973	-85,973	0,000	-37,727	-75,727	0,143	-70,201	-131,529	0,038
Element 10-13 (Plate)	192	2	0,000	-5,314	-87,001	-87,001	0,000	-40,654	-75,680	0,138	-72,616	-136,193	0,045
(Paratia 800)	193	3	0,000	-5,375	-88,014	-88,014	0,000	-43,658	-75,511	0,131	-75,215	-140,854	0,052
	194	4	0,000	-5,437	-88,990	-88,990	0,000	-46,693	-75,233	0,123	-78,000	-145,502	0,058
	221	5	0,000	-5,499	-89,910	-89,910	0,000	-49,710	-74,858	0,115	-80,971	-150,127	0,063
Plate_1_8	221	1	0,000	-5,499	-89,776	-89,776	0,000	-48,937	-74,470	0,100	-80,971	-150,127	0,063
Element 12-15 (Plate)	218	2	0,000	-5,499	-89,780	-89,780	0,000	-48,949	-74,456	0,100	-80,986	-150,151	0,064
(Paratia 800)	219	3	0,000	-5,499	-89,783	-89,783	0,000	-48,958	-74,445	0,099	-81,001	-150,174	0,064
	220	4	0,000	-5,500	-89,786	-89,786	0,000	-48,965	-74,435	0,099	-81,017	-150,197	0,064
	254	5	0,000	-5,500	-89,788	-89,788	0,000	-48,969	-74,427	0,099	-81,032	-150,220	0,064
Plate_1_9	254	1	0,000	-5,500	-89,839	-89,839	0,000	-49,146	-74,662	0,095	-81,032	-150,220	0,064
Element 18-24 (Plate)	255	2	0,000	-5,566	-90,155	-90,155	0,000	-49,648	-72,341	0,054	-84,305	-155,092	0,067
(Paratia 800)	256	3	0,000	-5,633	-90,508	-90,508	0,000	-50,265	-69,964	0,022	-87,617	-159,811	0,070
	257	4	0,000	-5,699	-90,888	-90,888	0,000	-50,960	-67,560	0,000	-90,973	-164,370	0,070
	588	5	0,000	-5,765	-91,284	-91,284	0,000	-51,700	-65,158	0,000	-94,375	-168,768	0,070

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_9	588	1	0,000	-5,765	-91,269	-91,269	0,000	-51,652	-65,164	0,000	-94,375	-168,768	0,070
Element 18-25 (Plate)	589	2	0,000	-5,847	-91,714	-91,714	0,000	-52,415	-62,239	0,000	-98,639	-173,988	0,068
(Paratia 800)	590	3	0,000	-5,929	-92,128	-92,128	0,000	-53,067	-60,266	0,000	-102,963	-178,968	0,065
	591	4	0,000	-6,011	-92,510	-92,510	0,000	-53,605	-58,576	0,000	-107,335	-183,707	0,062
	990	5	0,000	-6,093	-92,859	-92,859	0,000	-54,026	-56,840	0,000	-111,745	-188,201	0,058
Plate_1_9	990	1	0,000	-6,093	-92,859	-92,859	0,000	-54,027	-56,844	0,000	-111,745	-188,201	0,058
Element 18-26 (Plate)	991	2	0,000	-6,194	-93,241	-93,241	0,000	-54,378	-55,526	0,000	-117,236	-193,420	0,053
(Paratia 800)	992	3	0,000	-6,296	-93,573	-93,573	0,000	-54,551	-54,810	1,665	-122,755	-198,269	0,049
	993	4	0,000	-6,397	-93,854	-93,854	0,000	-54,551	-54,551	3,386	-128,284	-202,749	0,044
	1398	5	0,000	-6,498	-94,086	-94,086	0,000	-54,381	-54,381	4,928	-133,801	-206,860	0,040
Plate_1_9	1398	1	0,000	-6,498	-94,086	-94,087	0,000	-54,381	-54,381	4,941	-133,801	-206,860	0,040
Element 18-27 (Plate)	1399	2	0,000	-6,623	-94,308	-94,309	0,000	-53,948	-53,948	6,636	-140,584	-211,438	0,036
(Paratia 800)	1400	3	0,000	-6,749	-94,463	-94,463	0,000	-53,281	-53,281	8,131	-147,301	-215,466	0,033
	1401	4	0,000	-6,874	-94,551	-94,551	0,000	-52,387	-52,387	9,433	-153,921	-218,951	0,031
	1750	5	0,000	-6,999	-94,574	-94,574	0,000	-51,273	-51,273	10,545	-160,411	-221,898	0,031
Plate_1_9	1750	1	0,000	-6,999	-94,577	-94,577	0,000	-51,281	-51,281	10,560	-160,411	-221,898	0,031
Element 18-28 (Plate)	1751	2	0,000	-7,154	-94,526	-94,526	0,000	-49,629	-49,629	11,819	-168,223	-224,840	0,033
(Paratia 800)	1752	3	0,000	-7,309	-94,397	-94,397	0,000	-47,707	-47,707	13,391	-175,760	-227,026	0,038
	1753	4	0,000	-7,463	-94,193	-94,193	0,000	-45,527	-45,527	14,868	-182,981	-228,466	0,045
	2022	5	0,000	-7,618	-93,918	-93,918	0,000	-43,105	-43,105	16,517	-189,841	-229,188	0,055
Plate_1_9	2022	1	0,000	-7,618	-93,923	-93,923	0,000	-43,124	-43,124	16,532	-189,841	-229,188	0,055
Element 18-29 (Plate)	2023	2	0,000	-7,809	-93,502	-93,502	0,000	-39,851	-39,851	18,233	-197,781	-229,136	0,070
(Paratia 800)	2024	3	0,000	-8,001	-93,010	-93,010	1,258	-36,339	-36,339	19,612	-205,074	-228,101	0,092
	2025	4	0,000	-8,192	-92,455	-92,455	2,527	-32,611	-32,611	21,498	-211,676	-228,359	0,122
	2046	5	0,000	-8,383	-91,844	-91,844	3,746	-28,695	-28,695	23,015	-217,542	-228,674	0,157
Plate_1_9	2046	1	0,000	-8,383	-91,815	-91,815	3,747	-28,728	-28,728	23,035	-217,542	-228,674	0,157
Element 18-30 (Plate)	2047	2	0,000	-8,620	-91,075	-91,075	5,189	-23,731	-23,731	24,443	-223,745	-228,297	0,205
(Paratia 800)	2048	3	0,000	-8,856	-90,206	-90,206	6,558	-18,684	-18,684	26,819	-228,761	-230,695	0,257
	2049	4	0,000	-9,093	-89,182	-89,182	7,855	-13,634	-13,634	29,223	-232,585	-232,585	0,312

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	2210	5	0,000	-9,329	-87,980	-87,980	9,076	-8,632	-8,632	31,505	-235,215	-235,215	0,369
Plate_1_9	2210	1	0,000	-9,329	-87,979	-87,979	9,074	-8,599	-8,599	31,592	-235,215	-235,215	0,369
Element 18-31 (Plate)	2211	2	0,000	-9,622	-86,254	-86,254	10,483	-2,673	-2,673	34,035	-236,856	-236,856	0,437
(Paratia 800)	2212	3	0,000	-9,914	-84,307	-84,307	11,768	3,211	0,000	35,999	-236,785	-236,785	0,498
	2213	4	0,000	-10,206	-82,057	-82,057	12,925	9,274	0,000	37,756	-234,961	-234,961	0,544
	2262	5	0,000	-10,499	-79,420	-79,420	13,946	15,740	0,000	39,533	-231,320	-231,320	0,565
Plate_1_10	2262	1	0,000	-10,499	-79,693	-79,693	13,931	16,673	-0,012	40,155	-231,320	-231,320	0,565
Element 19-32 (Plate)	2263	2	0,000	-10,792	-75,118	-75,118	15,467	27,661	-0,113	42,731	-224,743	-224,743	0,547
(Paratia 800)	2264	3	0,000	-11,085	-70,749	-70,749	16,923	35,781	-0,180	44,139	-215,382	-215,382	0,503
	2265	4	0,000	-11,379	-66,551	-66,551	18,629	41,374	-0,212	45,651	-203,998	-203,998	0,445
	2838	5	0,000	-11,672	-62,492	-62,492	20,222	44,783	-0,214	46,200	-191,323	-191,323	0,382
Plate_1_10	2838	1	0,000	-11,672	-62,466	-62,466	20,221	45,051	-0,221	46,456	-191,323	-191,323	0,382
Element 19-33 (Plate)	2839	2	0,000	-11,970	-58,381	-58,381	21,727	47,231	-0,217	47,388	-177,521	-177,521	0,316
(Paratia 800)	2840	3	0,000	-12,269	-54,366	-54,366	23,320	48,328	-0,208	48,328	-163,228	-163,228	0,253
	2841	4	0,000	-12,568	-50,422	-50,422	24,904	48,423	-0,194	48,423	-148,755	-148,755	0,193
	2951	5	0,000	-12,866	-46,551	-46,551	26,359	47,598	-0,176	47,598	-134,403	-134,403	0,137
Plate_1_10	2951	1	0,000	-12,866	-46,551	-46,551	26,356	47,690	-0,177	47,690	-134,403	-134,403	0,137
Element 19-34 (Plate)	2948	2	0,000	-13,170	-42,678	-42,678	27,697	46,256	-0,158	46,256	-120,113	-120,113	0,086
(Paratia 800)	2949	3	0,000	-13,474	-38,881	-38,881	28,890	44,331	-0,138	44,331	-106,331	-106,331	0,548
	2950	4	0,000	-13,778	-35,164	-35,164	29,933	41,956	-0,119	41,956	-93,201	-93,201	1,330
	3590	5	0,000	-14,082	-31,530	-31,530	30,823	39,175	-0,099	39,175	-80,864	-80,864	1,947
Plate_1_10	3590	1	0,000	-14,082	-31,539	-31,539	30,818	39,234	-0,099	39,234	-80,864	-80,864	1,947
Element 19-35 (Plate)	3591	2	0,000	-14,392	-27,935	-27,935	31,561	36,152	-0,080	36,152	-69,198	-69,198	2,422
(Paratia 800)	3592	3	0,000	-14,701	-24,460	-24,460	32,125	32,962	-0,066	32,962	-58,499	-58,499	2,758
	3593	4	0,000	-15,010	-21,118	-21,118	32,519	29,693	-0,056	29,693	-48,798	-48,798	3,209
	4198	5	0,000	-15,320	-17,917	-17,917	32,927	26,378	-0,046	26,378	-40,124	-40,124	3,992
Plate_1_10	4198	1	0,000	-15,320	-17,929	-17,929	32,918	26,417	-0,046	26,417	-40,124	-40,124	3,992
Element 19-36 (Plate)	4199	2	0,000	-15,635	-14,853	-14,853	33,123	23,116	-0,036	23,116	-32,326	-32,326	4,569
(Paratia 800)	4200	3	0,000	-15,950	-11,985	-11,985	33,091	19,988	-0,203	19,988	-25,539	-25,539	4,976

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	4201	4	0,000	-16,265	-9,330	-11,543	32,819	17,047	-0,371	17,047	-19,707	-19,707	5,525
	4904	5	0,000	-16,580	-6,891	-11,087	32,304	14,307	-0,508	14,307	-14,774	-14,774	5,798
Plate_1_10	4904	1	0,000	-16,580	-6,898	-11,084	32,292	14,314	-0,510	14,314	-14,774	-14,774	5,798
Element 19-37 (Plate)	4905	2	0,000	-16,901	-4,655	-10,578	31,476	11,772	-0,701	11,772	-10,597	-10,597	5,828
(Paratia 800)	4906	3	0,000	-17,222	-2,672	-10,022	30,357	9,467	-1,034	9,467	-7,196	-7,196	5,817
	4907	4	0,000	-17,543	-0,953	-9,415	28,934	7,397	-1,325	7,397	-4,497	-4,497	5,866
	5710	5	0,000	-17,864	0,498	-8,758	27,205	5,561	-1,704	5,561	-2,425	-2,425	5,611
Plate_1_10	5710	1	0,000	-17,864	0,481	-8,751	27,195	5,542	-1,706	5,542	-2,425	-2,425	5,611
Element 19-38 (Plate)	5711	2	0,000	-18,190	1,672	-8,020	25,107	3,920	-2,007	3,920	-0,886	-0,886	5,131
(Paratia 800)	5712	3	0,000	-18,517	2,517	-7,208	22,728	2,461	-2,404	2,461	0,153	-0,103	4,503
	5713	4	0,000	-18,843	3,009	-6,311	20,019	1,140	-2,748	1,140	0,737	-0,078	3,736
	6254	5	0,000	-19,170	3,139	-5,327	16,897	-0,069	-2,988	0,072	0,910	-0,054	2,892
Plate_1_10	6254	1	0,000	-19,170	3,148	-5,297	16,883	0,043	-2,889	0,067	0,910	-0,054	2,892
Element 19-39 (Plate)	6255	2	0,000	-19,502	2,816	-4,197	13,221	-0,947	-3,176	0,065	0,729	-0,032	1,882
(Paratia 800)	6256	3	0,000	-19,835	2,109	-2,892	9,049	-1,084	-2,715	0,050	0,379	-0,012	0,881
	6257	4	0,000	-20,167	1,078	-1,363	4,385	-0,621	-1,443	0,022	0,074	-0,001	0,165
	6258	5	0,000	-20,500	-0,228	-0,755	0,410	0,188	-0,028	0,556	0,000	0,000	0,000

3.1.1.1.6 Calculation results, Plate, costruzione plinto [Phase_5] (5/27), Table of plate force envelopes

Structural element	Node [10³]	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_1	303	1	0,000	-0,520	0,002	0,000	0,023	0,004	-0,057	0,007	0,000	0,000	0,000
Element 1-1 (Plate)	304	2	0,000	-0,640	-0,615	-0,646	0,000	-0,010	-0,040	0,182	0,000	-0,002	0,006
(Paratia 800)	305	3	0,000	-0,760	-1,243	-1,294	0,000	-0,021	-0,071	0,491	-0,002	-0,009	0,047
	306	4	0,000	-0,880	-1,879	-1,941	0,000	-0,028	-0,092	0,818	-0,005	-0,019	0,125
	307	5	0,000	-1,000	-2,522	-2,589	0,000	-0,031	-0,101	1,107	-0,009	-0,031	0,241
Plate_5_1	10803	1	15,360	-2,338	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
Element 2-2 (Plate)	10401	2	15,360	-2,069	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
(MURO ELEVAZIONE)	10402	3	15,360	-1,800	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
	10403	4	15,360	-1,531	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
	10407	5	15,360	-1,261	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
Plate_5_1	10407	1	15,360	-1,261	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
Element 2-3 (Plate)	10252	2	15,360	-1,071	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
(MURO ELEVAZIONE)	10253	3	15,360	-0,881	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
	10254	4	15,360	-0,690	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
	10251	5	15,360	-0,500	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
Plate_1_2	307	1	0,000	-1,000	-2,575	-2,644	0,000	-0,223	-0,247	1,098	-0,009	-0,031	0,241
Element 3-4 (Plate)	33	2	0,000	-1,250	-3,850	-3,940	0,000	-0,009	-0,116	1,071	-0,022	-0,058	0,521
(Paratia 800)	34	3	0,000	-1,500	-5,342	-5,483	0,000	-0,592	-0,775	0,614	-0,079	-0,121	0,741
	35	4	0,000	-1,750	-7,052	-7,290	0,000	-1,988	-2,320	0,000	-0,385	-0,490	0,793
	46	5	0,000	-2,000	-8,981	-9,302	0,000	-4,213	-4,689	0,000	-1,143	-1,349	0,575
Plate_1_3	46	1	0,000	-2,000	-8,980	-9,279	0,000	-4,209	-4,666	0,000	-1,143	-1,349	0,575
Element 4-5 (Plate)	47	2	0,000	-2,125	-10,010	-10,307	0,000	-5,572	-6,088	0,000	-1,752	-2,019	0,334
(Paratia 800)	48	3	0,000	-2,250	-11,087	-11,381	0,000	-7,110	-7,688	0,000	-2,543	-2,879	0,000
	49	4	0,000	-2,375	-12,211	-12,536	0,000	-8,823	-9,467	0,000	-3,537	-3,949	0,000
	78	5	0,000	-2,500	-13,381	-13,737	0,000	-10,711	-11,426	0,000	-4,756	-5,253	0,000
Plate_5_2	11003	1	15,360	-3,610	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
Element 5-6 (Plate)	10804	2	15,360	-3,292	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
(MURO ELEVAZIONE)	10805	3	15,360	-2,974	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
	10806	4	15,360	-2,656	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
	10803	5	15,360	-2,338	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
Plate_1_4	78	1	0,000	-2,500	-13,381	-13,735	0,000	-10,711	-11,429	0,000	-4,756	-5,253	0,000
Element 6-7 (Plate)	79	2	0,000	-2,750	-15,866	-16,292	0,000	-15,035	-15,900	0,000	-7,958	-8,652	0,000
(Paratia 800)	80	3	0,000	-3,000	-18,542	-19,038	0,000	-20,079	-21,117	0,001	-12,334	-13,266	0,000
	81	4	0,000	-3,250	-21,407	-21,961	0,000	-25,837	-27,076	0,023	-18,059	-19,275	0,000
	108	5	0,000	-3,500	-24,460	-25,063	0,000	-32,306	-33,776	0,052	-25,311	-26,865	0,000
Plate_1_5	108	1	0,000	-3,500	-24,461	-25,042	0,000	-32,308	-33,780	0,051	-25,311	-26,865	0,000
Element 7-8 (Plate)	109	2	0,000	-3,673	-26,678	-27,355	0,000	-37,188	-38,848	0,070	-31,299	-33,122	0,000
(Paratia 800)	110	3	0,000	-3,845	-28,987	-29,696	0,000	-42,415	-44,283	0,088	-38,161	-40,289	0,000
	111	4	0,000	-4,018	-31,388	-32,061	0,000	-47,987	-50,080	0,105	-45,955	-48,424	0,000
	134	5	0,000	-4,190	-33,879	-34,449	0,000	-53,900	-56,235	0,121	-54,736	-57,587	0,000
Plate_5_3	10993	1	15,360	-4,493	0,921	0,000	0,921	-4,181	-4,182	0,000	2,345	0,000	2,345
Element 8-9 (Plate)	10987	2	15,360	-4,272	0,761	0,000	0,761	-3,652	-3,652	0,000	1,478	0,000	1,478
(MURO ELEVAZIONE)	10988	3	15,360	-4,052	0,551	0,000	0,551	-2,876	-2,876	0,000	0,750	0,000	0,750
	10989	4	15,360	-3,831	0,351	0,000	0,351	-1,769	-1,769	0,000	0,232	0,000	0,232
	11003	5	15,360	-3,610	0,223	0,000	0,223	-0,248	-0,248	0,000	0,000	0,000	0,000
Plate_1_6	134	1	0,000	-4,190	-70,125	-70,125	0,000	8,708	-56,082	8,708	-54,736	-57,587	0,000
Element 9-10 (Plate)	135	2	0,000	-4,268	-71,274	-71,274	0,000	5,940	-58,959	5,940	-54,168	-62,022	0,000
(Paratia 800)	136	3	0,000	-4,345	-72,442	-72,442	0,000	3,100	-61,911	3,100	-53,817	-66,686	0,000
	137	4	0,000	-4,423	-73,628	-73,628	0,000	0,192	-64,935	0,192	-53,689	-71,581	0,000
	158	5	0,000	-4,500	-74,832	-74,832	0,000	-2,784	-68,028	0,144	-53,789	-76,712	0,000
Plate_1_7	158	1	0,000	-4,500	-74,833	-74,833	0,000	-2,786	-67,886	0,144	-53,789	-76,712	0,000
Element 10-11 (Plate)	159	2	0,000	-4,607	-76,523	-76,523	0,000	-7,002	-69,855	0,150	-54,311	-84,048	0,000
(Paratia 800)	160	3	0,000	-4,714	-78,249	-78,249	0,000	-11,353	-71,613	0,154	-55,291	-91,589	0,000
	161	4	0,000	-4,821	-80,009	-80,009	0,000	-15,835	-73,117	0,156	-56,743	-99,304	0,000
	172	5	0,000	-4,928	-81,803	-81,803	0,000	-20,446	-74,327	0,157	-58,680	-107,161	0,004

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
Plate_1_7	172	1	0,000	-4,928	-81,794	-81,794	0,000	-20,448	-74,253	0,156	-58,680	-107,161	0,004
Element 10-12 (Plate)	173	2	0,000	-5,009	-83,149	-83,149	0,000	-24,037	-74,906	0,155	-60,485	-113,196	0,010
(Paratia 800)	174	3	0,000	-5,090	-84,503	-84,503	0,000	-27,704	-75,369	0,153	-62,584	-119,280	0,019
	175	4	0,000	-5,171	-85,854	-85,854	0,000	-31,444	-75,643	0,149	-64,985	-125,393	0,029
	195	5	0,000	-5,252	-87,202	-87,202	0,000	-35,255	-75,730	0,143	-67,691	-131,529	0,038
Plate_1_7	195	1	0,000	-5,252	-87,196	-87,196	0,000	-35,268	-75,727	0,143	-67,691	-131,529	0,038
Element 10-13 (Plate)	192	2	0,000	-5,314	-88,219	-88,219	0,000	-38,199	-75,680	0,138	-69,954	-136,193	0,045
(Paratia 800)	193	3	0,000	-5,375	-89,227	-89,227	0,000	-41,209	-75,511	0,131	-72,402	-140,854	0,052
	194	4	0,000	-5,437	-90,198	-90,198	0,000	-44,250	-75,233	0,123	-75,036	-145,502	0,058
	221	5	0,000	-5,499	-91,114	-91,114	0,000	-47,273	-74,858	0,115	-77,857	-150,127	0,063
Plate_5_4	11283	1	15,360	-5,610	1,663	0,000	1,663	-5,111	-5,236	0,000	7,670	0,000	7,729
Element 11-14 (Plate)	10994	2	15,360	-5,331	1,590	0,000	1,590	-4,991	-5,121	0,000	6,260	0,000	6,285
(MURO ELEVAZIONE)	10995	3	15,360	-5,052	1,447	0,000	1,447	-4,825	-4,964	0,000	4,887	0,000	4,887
	10996	4	15,360	-4,772	1,230	0,000	1,230	-4,573	-4,681	0,000	3,573	0,000	3,573
	10993	5	15,360	-4,493	0,937	0,000	0,937	-4,196	-4,196	0,000	2,345	0,000	2,345
Plate_1_8	221	1	0,000	-5,499	-90,973	-90,973	0,000	-46,508	-74,470	0,100	-77,857	-150,127	0,063
Element 12-15 (Plate)	218	2	0,000	-5,499	-90,979	-90,979	0,000	-46,529	-74,456	0,100	-77,871	-150,151	0,064
(Paratia 800)	219	3	0,000	-5,499	-90,985	-90,985	0,000	-46,545	-74,445	0,099	-77,886	-150,174	0,064
	220	4	0,000	-5,500	-90,989	-90,989	0,000	-46,557	-74,435	0,099	-77,900	-150,197	0,064
	254	5	0,000	-5,500	-90,992	-90,992	0,000	-46,566	-74,427	0,099	-77,915	-150,220	0,064
Plate_4_1	8607	1	9,150	-5,596	-0,459	-0,653	0,000	-0,293	-0,338	0,000	0,000	0,000	0,000
Element 13-16 (Plate)	8611	2	9,463	-5,600	-1,313	-1,443	0,000	13,177	0,000	13,177	2,003	0,000	2,003
(PLINTO)	8612	3	9,775	-5,603	-1,996	-2,134	0,000	26,975	0,000	26,975	8,273	0,000	8,273
	8613	4	10,088	-5,607	-2,524	-2,659	0,000	41,059	0,000	41,059	18,897	0,000	18,897
	9073	5	10,400	-5,610	-2,914	-3,046	0,000	55,392	0,000	55,392	33,960	0,000	33,960
Plate_2_1	9073	1	10,400	-5,610	-9,716	-9,716	0,000	-115,256	-115,256	0,000	55,794	0,000	55,794
Element 14-17 (Plate)	9074	2	10,723	-5,610	-9,698	-9,698	0,000	-100,307	-100,307	0,000	20,967	0,000	20,967
(PLINTO)	9075	3	11,046	-5,610	-9,743	-9,743	0,000	-85,364	-85,364	0,000	-9,043	-9,043	0,000
	9076	4	11,370	-5,610	-9,824	-9,824	0,000	-70,413	-70,413	0,000	-34,223	-34,223	0,000

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
	9735	5	11,693	-5,610	-9,910	-9,910	0,000	-55,440	-55,440	0,000	-54,556	-54,556	0,000
Plate_2_1	9735	1	11,693	-5,610	-9,914	-9,914	0,000	-55,436	-55,436	0,000	-54,556	-54,556	0,000
Element 14-18 (Plate)	9739	2	12,018	-5,610	-10,011	-10,011	0,000	-40,357	-40,357	0,000	-70,121	-70,121	0,000
(PLINTO)	9740	3	12,343	-5,610	-10,101	-10,101	0,000	-25,230	-25,230	0,000	-80,781	-80,781	0,000
	9741	4	12,668	-5,610	-10,183	-10,183	0,000	-10,066	-10,066	0,000	-86,520	-86,520	0,000
	10267	5	12,993	-5,610	-10,251	-10,251	0,000	5,126	0,000	5,126	-87,322	-87,322	0,000
Plate_2_1	10267	1	12,993	-5,610	-10,249	-10,249	0,000	5,131	0,000	5,131	-87,322	-87,322	0,000
Element 14-19 (Plate)	10271	2	13,320	-5,610	-10,292	-10,292	0,000	20,467	0,000	20,467	-83,142	-83,142	0,000
(PLINTO)	10272	3	13,646	-5,610	-10,314	-10,314	0,000	35,851	0,000	35,851	-73,938	-73,938	0,000
	10273	4	13,973	-5,610	-10,297	-10,297	0,000	51,301	0,000	51,301	-59,696	-59,696	0,000
	10839	5	14,300	-5,610	-10,229	-10,229	0,000	66,839	0,000	66,839	-40,398	-40,398	0,000
Plate_2_2	10839	1	14,300	-5,610	-9,542	-9,542	0,000	-62,772	-62,772	0,000	-44,192	-44,192	0,000
Element 15-20 (Plate)	10843	2	14,565	-5,610	-9,279	-9,279	0,000	-50,098	-50,098	0,000	-59,143	-59,143	0,000
(PLINTO)	10844	3	14,830	-5,610	-9,085	-9,085	0,000	-37,477	-37,477	0,000	-70,748	-70,748	0,000
	10845	4	15,095	-5,610	-8,931	-8,931	0,000	-24,897	-24,897	0,000	-79,014	-79,014	0,000
	11283	5	15,360	-5,610	-8,790	-8,790	0,000	-12,344	-12,344	0,000	-83,946	-83,947	0,000
Plate_2_3	11283	1	15,360	-5,610	-13,901	-13,901	0,000	-13,998	-13,998	0,000	-91,616	-91,616	0,000
Element 16-21 (Plate)	11287	2	15,715	-5,610	-13,758	-13,758	0,000	2,731	0,000	2,731	-93,616	-93,616	0,000
(PLINTO)	11288	3	16,070	-5,610	-13,580	-13,580	0,000	19,446	0,000	19,446	-89,676	-89,676	0,000
	11289	4	16,425	-5,610	-13,360	-13,360	0,000	36,142	0,000	36,142	-79,808	-79,808	0,000
	11641	5	16,780	-5,610	-13,093	-13,093	0,000	52,812	0,000	52,812	-64,021	-64,021	0,000
Plate_2_3	11641	1	16,780	-5,610	-13,099	-13,099	0,000	52,813	0,000	52,813	-64,021	-64,021	0,000
Element 16-22 (Plate)	11645	2	17,135	-5,610	-12,793	-12,793	0,000	69,459	0,000	69,459	-42,323	-42,323	0,000
(PLINTO)	11646	3	17,490	-5,610	-12,449	-12,449	0,000	86,082	0,000	86,082	-14,705	-14,705	0,000
	11647	4	17,845	-5,610	-12,048	-12,048	0,000	102,666	0,000	102,666	18,805	0,000	18,805
	12293	5	18,200	-5,610	-11,572	-11,572	0,000	119,194	0,000	119,194	58,179	0,000	58,179
Plate_3_1	12293	1	18,200	-5,610	-3,327	-3,327	0,000	-51,483	-51,483	0,000	29,016	0,000	29,016
Element 17-23 (Plate)	12294	2	18,489	-5,610	-2,847	-2,847	0,000	-38,143	-38,143	0,000	16,060	0,000	16,060
(PLINTO)	12295	3	18,778	-5,610	-2,284	-2,288	0,000	-24,929	-24,929	0,000	6,947	0,000	6,947

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
	12296	4	19,068	-5,610	-1,586	-1,600	0,000	-11,949	-11,949	0,000	1,616	0,000	1,616
	12739	5	19,357	-5,610	-0,698	-0,725	0,000	0,691	0,000	0,693	0,000	0,000	0,000
Plate_1_9	254	1	0,000	-5,500	-91,062	-91,062	0,000	-46,809	-74,662	0,095	-77,915	-150,220	0,064
Element 18-24 (Plate)	255	2	0,000	-5,566	-91,504	-91,504	0,000	-47,795	-72,341	0,054	-81,050	-155,092	0,067
(Paratia 800)	256	3	0,000	-5,633	-91,940	-91,940	0,000	-48,751	-69,964	0,022	-84,251	-159,811	0,070
	257	4	0,000	-5,699	-92,367	-92,367	0,000	-49,671	-67,560	0,000	-87,514	-164,370	0,070
	588	5	0,000	-5,765	-92,782	-92,782	0,000	-50,549	-65,158	0,000	-90,836	-168,768	0,070
Plate_1_9	588	1	0,000	-5,765	-92,775	-92,775	0,000	-50,521	-65,164	0,000	-90,836	-168,768	0,070
Element 18-25 (Plate)	589	2	0,000	-5,847	-93,245	-93,245	0,000	-51,458	-62,239	0,000	-95,014	-173,988	0,068
(Paratia 800)	590	3	0,000	-5,929	-93,685	-93,685	0,000	-52,269	-60,266	0,000	-99,266	-178,968	0,065
	591	4	0,000	-6,011	-94,092	-94,092	0,000	-52,952	-58,576	0,000	-103,579	-183,707	0,062
	990	5	0,000	-6,093	-94,466	-94,466	0,000	-53,502	-56,840	0,000	-107,941	-188,201	0,058
Plate_1_9	990	1	0,000	-6,093	-94,466	-94,466	0,000	-53,505	-56,844	0,000	-107,941	-188,201	0,058
Element 18-26 (Plate)	991	2	0,000	-6,194	-94,882	-94,882	0,000	-54,005	-55,526	0,000	-113,387	-193,420	0,053
(Paratia 800)	992	3	0,000	-6,296	-95,247	-95,247	0,000	-54,319	-54,810	1,665	-118,876	-198,269	0,049
	993	4	0,000	-6,397	-95,563	-95,563	0,000	-54,451	-54,551	3,386	-124,388	-202,749	0,044
	1398	5	0,000	-6,498	-95,830	-95,830	0,000	-54,406	-54,441	4,928	-129,901	-206,860	0,040
Plate_1_9	1398	1	0,000	-6,498	-95,830	-95,830	0,000	-54,407	-54,441	4,941	-129,901	-206,860	0,040
Element 18-27 (Plate)	1399	2	0,000	-6,623	-96,097	-96,097	0,000	-54,123	-54,123	6,636	-136,697	-211,438	0,036
(Paratia 800)	1400	3	0,000	-6,749	-96,297	-96,298	0,000	-53,598	-53,598	8,131	-143,445	-215,466	0,033
	1401	4	0,000	-6,874	-96,433	-96,433	0,000	-52,838	-52,838	9,433	-150,113	-218,951	0,031
	1750	5	0,000	-6,999	-96,507	-96,507	0,000	-51,850	-51,850	10,545	-156,668	-221,898	0,031
Plate_1_9	1750	1	0,000	-6,999	-96,509	-96,509	0,000	-51,859	-51,859	10,560	-156,668	-221,898	0,031
Element 18-28 (Plate)	1751	2	0,000	-7,154	-96,521	-96,521	0,000	-50,351	-50,351	11,819	-164,580	-224,840	0,033
(Paratia 800)	1752	3	0,000	-7,309	-96,457	-96,457	0,000	-48,560	-48,560	13,391	-172,239	-227,026	0,038
	1753	4	0,000	-7,463	-96,320	-96,320	0,000	-46,499	-46,499	14,868	-179,601	-228,466	0,045
	2022	5	0,000	-7,618	-96,113	-96,113	0,000	-44,181	-44,181	16,517	-186,620	-229,188	0,055
Plate_1_9	2022	1	0,000	-7,618	-96,119	-96,119	0,000	-44,200	-44,200	16,532	-186,620	-229,188	0,055
Element 18-29 (Plate)	2023	2	0,000	-7,809	-95,785	-95,785	0,000	-41,036	-41,036	18,233	-194,777	-229,136	0,070

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
(Paratia 800)	2024	3	0,000	-8,001	-95,383	-95,383	1,258	-37,611	-37,611	19,612	-202,305	-228,101	0,092
	2025	4	0,000	-8,192	-94,920	-94,920	2,527	-33,951	-33,951	21,498	-209,157	-228,359	0,122
	2046	5	0,000	-8,383	-94,404	-94,404	3,746	-30,082	-30,082	23,015	-215,284	-228,674	0,157
Plate_1_9	2046	1	0,000	-8,383	-94,375	-94,375	3,747	-30,117	-30,117	23,035	-215,284	-228,674	0,157
Element 18-30 (Plate)	2047	2	0,000	-8,620	-93,756	-93,756	5,189	-25,151	-25,151	24,443	-221,820	-228,297	0,205
(Paratia 800)	2048	3	0,000	-8,856	-93,010	-93,010	6,558	-20,114	-20,114	26,819	-227,174	-230,695	0,257
	2049	4	0,000	-9,093	-92,114	-92,114	7,855	-15,055	-15,055	29,223	-231,335	-232,585	0,312
	2210	5	0,000	-9,329	-91,041	-91,041	9,076	-10,025	-10,025	31,505	-234,298	-235,215	0,369
Plate_1_9	2210	1	0,000	-9,329	-91,040	-91,040	9,074	-10,001	-10,001	31,592	-234,298	-235,215	0,369
Element 18-31 (Plate)	2211	2	0,000	-9,622	-89,476	-89,476	10,483	-4,024	-4,024	34,035	-236,341	-236,856	0,437
(Paratia 800)	2212	3	0,000	-9,914	-87,692	-87,692	11,768	1,899	0,000	35,999	-236,659	-236,785	0,498
	2213	4	0,000	-10,206	-85,607	-85,607	12,925	7,986	0,000	37,756	-235,215	-235,222	0,544
	2262	5	0,000	-10,499	-83,138	-83,138	13,946	14,451	0,000	39,533	-231,950	-231,950	0,565
Plate_1_10	2262	1	0,000	-10,499	-83,414	-83,414	13,931	15,359	-0,012	40,155	-231,950	-231,950	0,565
Element 19-32 (Plate)	2263	2	0,000	-10,792	-79,080	-79,080	15,467	26,353	-0,113	42,731	-225,759	-225,759	0,547
(Paratia 800)	2264	3	0,000	-11,085	-74,936	-74,936	16,923	34,529	-0,180	44,139	-216,774	-216,774	0,503
	2265	4	0,000	-11,379	-70,952	-70,952	18,629	40,223	-0,212	45,651	-205,744	-205,744	0,445
	2838	5	0,000	-11,672	-67,095	-67,095	20,222	43,768	-0,214	46,200	-193,387	-193,387	0,382
Plate_1_10	2838	1	0,000	-11,672	-67,070	-67,070	20,221	44,027	-0,221	46,456	-193,387	-193,387	0,382
Element 19-33 (Plate)	2839	2	0,000	-11,970	-63,183	-63,183	21,727	46,349	-0,217	47,388	-179,869	-179,869	0,316
(Paratia 800)	2840	3	0,000	-12,269	-59,357	-59,357	23,320	47,586	-0,208	48,328	-165,819	-165,819	0,253
	2841	4	0,000	-12,568	-55,593	-55,593	24,904	47,819	-0,194	48,423	-151,547	-151,547	0,193
	2951	5	0,000	-12,866	-51,893	-51,893	26,359	47,129	-0,176	47,598	-137,355	-137,355	0,137
Plate_1_10	2951	1	0,000	-12,866	-51,892	-51,892	26,356	47,221	-0,177	47,690	-137,355	-137,355	0,137
Element 19-34 (Plate)	2948	2	0,000	-13,170	-48,182	-48,182	27,697	45,917	-0,158	46,256	-123,188	-123,188	0,086
(Paratia 800)	2949	3	0,000	-13,474	-44,533	-44,533	28,890	44,112	-0,138	44,331	-109,491	-109,491	0,548
	2950	4	0,000	-13,778	-40,948	-40,948	29,933	41,850	-0,119	41,956	-96,410	-96,410	1,330
	3590	5	0,000	-14,082	-37,431	-37,431	30,823	39,173	-0,099	39,175	-84,089	-84,089	1,947
Plate_1_10	3590	1	0,000	-14,082	-37,439	-37,439	30,818	39,231	-0,099	39,234	-84,089	-84,089	1,947

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
Element 19-35 (Plate)	3591	2	0,000	-14,392	-33,935	-33,935	31,561	36,247	-0,080	36,247	-72,408	-72,408	2,422
(Paratia 800)	3592	3	0,000	-14,701	-30,536	-30,536	32,125	33,146	-0,066	33,146	-61,666	-61,666	2,758
	3593	4	0,000	-15,010	-27,248	-27,248	32,519	29,961	-0,056	29,961	-51,895	-51,895	3,209
	4198	5	0,000	-15,320	-24,075	-24,075	32,927	26,722	-0,046	26,722	-43,125	-43,125	3,992
Plate_1_10	4198	1	0,000	-15,320	-24,086	-24,086	32,918	26,761	-0,046	26,761	-43,125	-43,125	3,992
Element 19-36 (Plate)	4199	2	0,000	-15,635	-21,009	-21,009	33,123	23,529	-0,036	23,529	-35,208	-35,208	4,569
(Paratia 800)	4200	3	0,000	-15,950	-18,108	-18,108	33,091	20,453	-0,203	20,453	-28,282	-28,282	4,976
	4201	4	0,000	-16,265	-15,388	-15,388	32,819	17,549	-0,371	17,549	-22,298	-22,298	5,525
	4904	5	0,000	-16,580	-12,854	-12,854	32,304	14,836	-0,508	14,836	-17,202	-17,202	5,798
Plate_1_10	4904	1	0,000	-16,580	-12,858	-12,858	32,292	14,847	-0,510	14,847	-17,202	-17,202	5,798
Element 19-37 (Plate)	4905	2	0,000	-16,901	-10,479	-10,578	31,476	12,340	-0,701	12,340	-12,849	-12,849	5,828
(Paratia 800)	4906	3	0,000	-17,222	-8,313	-10,022	30,357	10,071	-1,034	10,071	-9,260	-9,260	5,817
	4907	4	0,000	-17,543	-6,362	-9,415	28,934	8,039	-1,325	8,039	-6,361	-6,361	5,866
	5710	5	0,000	-17,864	-4,629	-8,758	27,205	6,241	-1,704	6,241	-4,077	-4,077	5,611
Plate_1_10	5710	1	0,000	-17,864	-4,641	-8,751	27,195	6,219	-1,706	6,219	-4,077	-4,077	5,611
Element 19-38 (Plate)	5711	2	0,000	-18,190	-3,103	-8,020	25,107	4,638	-2,007	4,638	-2,309	-2,309	5,131
(Paratia 800)	5712	3	0,000	-18,517	-1,838	-7,208	22,728	3,210	-2,404	3,210	-1,030	-1,030	4,503
	5713	4	0,000	-18,843	-0,851	-6,311	20,019	1,906	-2,748	1,906	-0,199	-0,199	3,736
	6254	5	0,000	-19,170	-0,150	-5,327	16,897	0,697	-2,988	0,697	0,225	-0,054	2,892
Plate_1_10	6254	1	0,000	-19,170	-0,129	-5,297	16,883	0,769	-2,889	0,769	0,225	-0,054	2,892
Element 19-39 (Plate)	6255	2	0,000	-19,502	0,207	-4,197	13,221	-0,190	-3,176	0,065	0,294	-0,032	1,882
(Paratia 800)	6256	3	0,000	-19,835	0,293	-2,892	9,049	-0,451	-2,715	0,050	0,181	-0,012	0,881
	6257	4	0,000	-20,167	0,185	-1,363	4,385	-0,289	-1,443	0,022	0,041	-0,001	0,165
	6258	5	0,000	-20,500	-0,060	-0,755	0,410	0,023	-0,028	0,556	0,000	0,000	0,000

3.1.1.1.7 Calculation results, Plate, rinfianco [Phase_9] (12/39), Table of plate force envelopes

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_1	303	1	0,000	-0,520	-0,005	-0,046	0,023	-0,023	-0,099	0,007	0,000	0,000	0,000
Element 1-1 (Plate)	304	2	0,000	-0,640	-0,644	-0,646	0,000	-0,104	-0,104	0,182	-0,003	-0,003	0,006
(Paratia 800)	305	3	0,000	-0,760	-1,704	-1,704	0,000	-0,526	-0,526	0,491	-0,039	-0,039	0,047
	306	4	0,000	-0,880	-3,191	-3,191	0,000	-1,178	-1,178	0,818	-0,139	-0,139	0,125
	307	5	0,000	-1,000	-5,109	-5,109	0,000	-1,948	-1,948	1,107	-0,326	-0,326	0,241
Plate_5_1	10803	1	15,360	-2,338	-16,312	-16,312	0,000	-5,755	-5,755	0,000	2,707	0,000	2,707
Element 2-2 (Plate)	10401	2	15,360	-2,069	-12,300	-12,300	0,000	-3,853	-3,853	0,000	1,422	-0,019	1,422
(MURO ELEVAZIONE)	10402	3	15,360	-1,800	-8,510	-8,510	0,000	-2,255	-2,255	0,000	0,605	-0,064	0,605
	10403	4	15,360	-1,531	-4,918	-4,918	0,000	-0,938	-0,938	0,023	0,182	-0,136	0,182
	10407	5	15,360	-1,261	-1,502	-1,502	0,001	0,121	-0,016	0,283	0,077	-0,106	0,077
Plate_5_1	10407	1	15,360	-1,261	-2,121	-2,121	0,001	-0,422	-0,422	0,135	0,077	-0,106	0,077
Element 2-3 (Plate)	10252	2	15,360	-1,071	-0,822	-0,822	0,002	-0,137	-0,139	0,206	0,028	-0,074	0,028
(MURO ELEVAZIONE)	10253	3	15,360	-0,881	-0,149	-0,155	0,002	-0,034	-0,034	0,178	0,013	-0,037	0,013
	10254	4	15,360	-0,690	0,050	-0,048	0,050	-0,032	-0,032	0,096	0,009	-0,010	0,009
	10251	5	15,360	-0,500	-0,068	-0,095	0,031	-0,053	-0,053	0,017	0,000	0,000	0,000
Plate_1_2	307	1	0,000	-1,000	-4,342	-4,342	0,000	-2,954	-2,954	1,098	-0,326	-0,326	0,241
Element 3-4 (Plate)	33	2	0,000	-1,250	-10,993	-10,993	0,000	0,786	-1,341	1,071	-0,590	-0,590	0,521
(Paratia 800)	34	3	0,000	-1,500	-17,770	-17,770	0,000	3,750	-2,089	3,750	0,008	-0,648	0,741
	35	4	0,000	-1,750	-24,486	-24,486	0,000	5,535	-3,368	5,535	1,188	-1,225	1,188
	46	5	0,000	-2,000	-30,951	-30,951	0,000	5,733	-5,141	5,733	2,638	-2,164	2,638
Plate_1_3	46	1	0,000	-2,000	-30,946	-30,946	0,000	5,734	-5,236	5,734	2,638	-2,164	2,638
Element 4-5 (Plate)	47	2	0,000	-2,125	-34,076	-34,076	0,000	5,281	-6,342	5,281	3,329	-2,780	3,329
(Paratia 800)	48	3	0,000	-2,250	-37,167	-37,167	0,000	4,521	-7,688	4,521	3,945	-3,647	3,945
	49	4	0,000	-2,375	-40,225	-40,225	0,000	3,466	-9,467	3,466	4,448	-4,674	4,448
	78	5	0,000	-2,500	-43,255	-43,255	0,000	2,131	-11,426	2,131	4,800	-5,874	4,800
Plate_5_2	11003	1	15,360	-3,610	-42,086	-42,086	0,003	-17,049	-17,049	0,000	17,423	0,000	17,423

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
Element 5-6 (Plate)	10804	2	15,360	-3,292	-35,879	-35,879	0,002	-14,543	-14,543	0,000	12,390	0,000	12,390
(MURO ELEVAZIONE)	10805	3	15,360	-2,974	-29,036	-29,036	0,001	-11,718	-11,718	0,000	8,210	0,000	8,210
	10806	4	15,360	-2,656	-22,217	-22,217	0,000	-8,671	-8,671	0,000	4,960	0,000	4,960
	10803	5	15,360	-2,338	-16,081	-16,081	0,000	-5,497	-5,497	0,000	2,707	0,000	2,707
Plate_1_4	78	1	0,000	-2,500	-43,235	-43,235	0,000	2,103	-11,429	2,103	4,800	-5,874	4,800
Element 6-7 (Plate)	79	2	0,000	-2,750	-49,258	-49,258	0,000	-1,325	-15,900	0,000	4,912	-8,858	4,912
(Paratia 800)	80	3	0,000	-3,000	-55,487	-55,487	0,000	-5,376	-21,117	0,001	4,084	-13,266	4,084
	81	4	0,000	-3,250	-61,952	-61,952	0,000	-9,981	-27,076	0,023	2,177	-19,275	2,177
	108	5	0,000	-3,500	-68,680	-68,680	0,000	-15,073	-33,776	0,052	-0,946	-26,865	0,000
Plate_1_5	108	1	0,000	-3,500	-68,740	-68,740	0,000	-14,967	-33,780	0,051	-0,946	-26,865	0,000
Element 7-8 (Plate)	109	2	0,000	-3,673	-73,641	-73,641	0,000	-18,573	-38,848	0,070	-3,837	-33,122	0,000
(Paratia 800)	110	3	0,000	-3,845	-78,797	-78,797	0,000	-22,194	-44,283	0,088	-7,354	-40,289	0,000
	111	4	0,000	-4,018	-84,208	-84,208	0,000	-25,817	-50,080	0,105	-11,496	-48,424	0,000
	134	5	0,000	-4,190	-89,877	-89,877	0,000	-29,430	-56,235	0,121	-16,260	-57,587	0,000
Plate_5_3	10993	1	15,360	-4,493	-58,112	-58,112	0,923	-9,957	-9,957	0,000	28,728	0,000	28,728
Element 8-9 (Plate)	10987	2	15,360	-4,272	-53,312	-53,312	0,763	-11,544	-11,544	0,000	26,356	0,000	26,356
(MURO ELEVAZIONE)	10988	3	15,360	-4,052	-48,379	-48,379	0,552	-13,008	-13,008	0,000	23,637	0,000	23,637
	10989	4	15,360	-3,831	-43,799	-43,799	0,352	-14,159	-14,159	0,000	20,633	0,000	20,633
	11003	5	15,360	-3,610	-40,055	-40,055	0,225	-14,808	-14,808	0,000	17,423	0,000	17,423
Plate_1_6	134	1	0,000	-4,190	-98,574	-99,170	0,000	-14,414	-56,082	8,710	-16,260	-57,587	0,000
Element 9-10 (Plate)	135	2	0,000	-4,268	-101,212	-101,508	0,000	-16,025	-58,959	5,940	-17,440	-62,022	0,000
(Paratia 800)	136	3	0,000	-4,345	-103,903	-103,918	0,000	-17,643	-61,911	3,100	-18,744	-66,686	0,000
	137	4	0,000	-4,423	-106,645	-106,645	0,000	-19,266	-64,935	0,192	-20,175	-71,581	0,000
	158	5	0,000	-4,500	-109,435	-109,435	0,000	-20,893	-68,028	0,144	-21,731	-76,712	0,000
Plate_1_7	158	1	0,000	-4,500	-109,438	-109,438	0,000	-20,893	-67,886	0,144	-21,731	-76,712	0,000
Element 10-11 (Plate)	159	2	0,000	-4,607	-113,364	-113,364	0,000	-23,153	-69,855	0,150	-24,084	-84,048	0,000
(Paratia 800)	160	3	0,000	-4,714	-117,393	-117,393	0,000	-25,421	-71,613	0,154	-26,680	-91,589	0,000
	161	4	0,000	-4,821	-121,523	-121,523	0,000	-27,692	-73,117	0,156	-29,519	-99,304	0,000
	172	5	0,000	-4,928	-125,755	-125,755	0,000	-29,960	-74,327	0,157	-32,599	-107,161	0,004

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
Plate_1_7	172	1	0,000	-4,928	-125,754	-125,754	0,000	-29,947	-74,253	0,156	-32,599	-107,161	0,004
Element 10-12 (Plate)	173	2	0,000	-5,009	-129,014	-129,014	0,000	-31,651	-74,906	0,155	-35,099	-113,196	0,010
(Paratia 800)	174	3	0,000	-5,090	-132,342	-132,342	0,000	-33,304	-75,369	0,153	-37,736	-119,280	0,019
	175	4	0,000	-5,171	-135,738	-135,738	0,000	-34,896	-75,643	0,149	-40,505	-125,393	0,029
	195	5	0,000	-5,252	-139,203	-139,203	0,000	-36,417	-75,730	0,143	-43,399	-131,529	0,038
Plate_1_7	195	1	0,000	-5,252	-139,222	-139,222	0,000	-36,382	-75,727	0,143	-43,399	-131,529	0,038
Element 10-13 (Plate)	192	2	0,000	-5,314	-141,919	-141,919	0,000	-37,447	-75,680	0,138	-45,674	-136,193	0,045
(Paratia 800)	193	3	0,000	-5,375	-144,724	-144,724	0,000	-38,349	-75,511	0,131	-48,013	-140,854	0,052
	194	4	0,000	-5,437	-147,641	-147,641	0,000	-38,991	-75,233	0,123	-50,398	-145,502	0,058
	221	5	0,000	-5,499	-150,671	-150,671	0,000	-39,278	-74,858	0,115	-52,812	-150,127	0,063
Plate_5_4	11283	1	15,360	-5,610	-76,196	-76,196	1,670	2,992	-5,236	3,807	33,204	0,000	33,204
Element 11-14 (Plate)	10994	2	15,360	-5,331	-73,027	-73,027	1,596	-0,952	-5,121	1,041	33,477	0,000	33,477
(MURO ELEVAZIONE)	10995	3	15,360	-5,052	-69,225	-69,225	1,451	-4,375	-4,964	0,000	32,720	0,000	32,720
	10996	4	15,360	-4,772	-64,425	-64,425	1,234	-7,248	-7,248	0,000	31,085	0,000	31,085
	10993	5	15,360	-4,493	-58,263	-58,263	0,939	-9,537	-9,537	0,000	28,728	0,000	28,728
Plate_1_8	221	1	0,000	-5,499	-150,377	-150,377	0,000	-39,018	-74,470	0,100	-52,812	-150,127	0,063
Element 12-15 (Plate)	218	2	0,000	-5,499	-150,401	-150,401	0,000	-39,043	-74,456	0,100	-52,824	-150,151	0,064
(Paratia 800)	219	3	0,000	-5,499	-150,420	-150,420	0,000	-39,063	-74,445	0,099	-52,836	-150,174	0,064
	220	4	0,000	-5,500	-150,434	-150,434	0,000	-39,079	-74,435	0,099	-52,849	-150,197	0,064
	254	5	0,000	-5,500	-150,443	-150,443	0,000	-39,091	-74,427	0,099	-52,861	-150,220	0,064
Plate_4_1	8607	1	9,150	-5,596	-13,326	-13,326	0,000	17,096	-0,338	17,096	0,000	0,000	0,000
Element 13-16 (Plate)	8611	2	9,463	-5,600	-24,653	-24,653	0,000	97,807	0,000	97,807	18,346	0,000	18,346
(PLINTO)	8612	3	9,775	-5,603	-35,526	-35,526	0,000	166,135	0,000	166,135	59,800	0,000	59,800
	8613	4	10,088	-5,607	-45,181	-45,181	0,000	224,914	0,000	224,914	121,216	0,000	121,216
	9073	5	10,400	-5,610	-52,850	-52,850	0,000	276,979	0,000	276,979	199,725	0,000	199,725
Plate_2_1	9073	1	10,400	-5,610	-44,046	-44,046	0,000	-211,889	-211,889	0,000	137,721	0,000	137,721
Element 14-17 (Plate)	9074	2	10,723	-5,610	-48,748	-48,748	0,000	-164,543	-164,543	0,000	77,087	0,000	77,087
(PLINTO)	9075	3	11,046	-5,610	-52,230	-52,230	0,000	-122,475	-122,475	0,000	30,771	-9,043	31,786
	9076	4	11,370	-5,610	-54,780	-54,780	0,000	-84,174	-84,174	0,000	-2,502	-34,223	0,736

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
	9735	5	11,693	-5,610	-56,686	-56,686	0,000	-48,129	-55,440	0,000	-23,857	-54,556	0,000
Plate_2_1	9735	1	11,693	-5,610	-56,703	-56,703	0,000	-48,162	-55,436	0,000	-23,857	-54,556	0,000
Element 14-18 (Plate)	9739	2	12,018	-5,610	-58,216	-58,216	0,000	-13,708	-40,357	0,000	-33,876	-70,121	0,000
(PLINTO)	9740	3	12,343	-5,610	-59,579	-59,579	0,000	19,677	-25,230	19,677	-32,882	-80,781	0,000
	9741	4	12,668	-5,610	-60,920	-60,920	0,000	52,169	-10,066	52,169	-21,180	-86,520	0,000
	10267	5	12,993	-5,610	-62,366	-62,366	0,000	83,945	0,000	83,945	0,949	-87,322	0,949
Plate_2_1	10267	1	12,993	-5,610	-62,375	-62,375	0,000	83,940	0,000	83,940	0,949	-87,322	0,949
Element 14-19 (Plate)	10271	2	13,320	-5,610	-63,962	-63,962	0,000	115,184	0,000	115,184	33,497	-83,142	33,497
(PLINTO)	10272	3	13,646	-5,610	-65,808	-65,808	0,000	145,657	0,000	145,657	76,157	-73,938	76,157
	10273	4	13,973	-5,610	-67,805	-67,805	0,000	175,279	0,000	175,279	128,631	-59,696	128,631
	10839	5	14,300	-5,610	-69,846	-69,846	0,000	203,967	0,000	203,967	190,616	-40,398	190,616
Plate_2_2	10839	1	14,300	-5,610	-48,697	-48,697	0,000	-158,991	-158,991	0,000	77,840	-44,192	77,840
Element 15-20 (Plate)	10843	2	14,565	-5,610	-49,540	-49,540	0,000	-137,311	-137,311	0,000	38,636	-59,143	38,636
(PLINTO)	10844	3	14,830	-5,610	-50,374	-50,374	0,000	-117,821	-117,821	0,000	4,874	-70,748	4,874
	10845	4	15,095	-5,610	-51,012	-51,012	0,000	-100,562	-100,562	0,000	-24,021	-79,014	0,000
	11283	5	15,360	-5,610	-51,265	-51,265	0,000	-85,574	-85,574	0,000	-48,627	-83,947	0,000
Plate_2_3	11283	1	15,360	-5,610	-48,427	-48,427	0,000	-11,052	-16,011	0,000	-81,831	-91,616	0,000
Element 16-21 (Plate)	11287	2	15,715	-5,610	-45,293	-45,293	0,000	16,526	0,000	16,526	-81,002	-93,616	0,000
(PLINTO)	11288	3	16,070	-5,610	-42,688	-42,688	0,000	47,529	0,000	47,529	-69,661	-89,676	0,000
	11289	4	16,425	-5,610	-40,469	-40,469	0,000	80,634	0,000	80,634	-47,000	-79,808	0,000
	11641	5	16,780	-5,610	-38,499	-38,499	0,000	114,519	0,000	114,519	-12,350	-64,021	0,000
Plate_2_3	11641	1	16,780	-5,610	-38,572	-38,572	0,000	114,699	0,000	114,699	-12,350	-64,021	0,000
Element 16-22 (Plate)	11645	2	17,135	-5,610	-37,182	-37,182	0,000	149,725	0,000	149,725	34,555	-42,323	34,555
(PLINTO)	11646	3	17,490	-5,610	-36,176	-36,176	0,000	185,326	0,000	185,326	94,029	-14,705	94,029
	11647	4	17,845	-5,610	-35,524	-35,524	0,000	221,450	0,000	221,450	166,229	0,000	166,229
	12293	5	18,200	-5,610	-35,198	-35,198	0,000	258,051	0,000	258,051	251,309	0,000	251,309
Plate_3_1	12293	1	18,200	-5,610	1,538	-3,357	2,271	-135,461	-135,461	0,000	85,043	0,000	85,043
Element 17-23 (Plate)	12294	2	18,489	-5,610	1,754	-2,873	2,437	-104,801	-104,801	0,000	50,302	0,000	50,302
(PLINTO)	12295	3	18,778	-5,610	1,053	-2,310	1,881	-73,770	-73,770	0,000	24,470	0,000	24,470

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
	12296	4	19,068	-5,610	0,653	-1,609	1,496	-42,367	-42,367	0,000	7,663	0,000	7,663
	12739	5	19,357	-5,610	1,771	-0,725	1,771	-10,591	-10,591	0,693	0,000	0,000	0,000
Plate_1_9	254	1	0,000	-5,500	-150,481	-150,481	0,000	-39,410	-74,662	0,095	-52,861	-150,220	0,064
Element 18-24 (Plate)	255	2	0,000	-5,566	-151,961	-151,961	0,000	-40,809	-72,341	0,054	-55,519	-155,092	0,067
(Paratia 800)	256	3	0,000	-5,633	-153,396	-153,396	0,000	-42,263	-69,964	0,022	-58,273	-159,811	0,070
	257	4	0,000	-5,699	-154,819	-154,819	0,000	-43,762	-67,560	0,000	-61,125	-164,370	0,070
	588	5	0,000	-5,765	-156,259	-156,259	0,000	-45,297	-65,158	0,000	-64,076	-168,768	0,070
Plate_1_9	588	1	0,000	-5,765	-156,266	-156,266	0,000	-45,253	-65,164	0,000	-64,076	-168,768	0,070
Element 18-25 (Plate)	589	2	0,000	-5,847	-158,047	-158,047	0,000	-47,178	-62,239	0,000	-67,862	-173,988	0,068
(Paratia 800)	590	3	0,000	-5,929	-159,861	-159,861	0,000	-49,068	-60,266	0,000	-71,807	-178,968	0,065
	591	4	0,000	-6,011	-161,715	-161,715	0,000	-50,889	-58,576	0,000	-75,904	-183,707	0,062
	990	5	0,000	-6,093	-163,619	-163,619	0,000	-52,605	-56,840	0,000	-80,145	-188,201	0,058
Plate_1_9	990	1	0,000	-6,093	-163,624	-163,624	0,000	-52,579	-56,844	0,000	-80,145	-188,201	0,058
Element 18-26 (Plate)	991	2	0,000	-6,194	-166,117	-166,117	0,000	-54,355	-55,526	0,000	-85,562	-193,420	0,053
(Paratia 800)	992	3	0,000	-6,296	-168,729	-168,729	0,000	-55,792	-56,437	1,665	-91,145	-198,269	0,049
	993	4	0,000	-6,397	-171,449	-171,449	0,000	-56,897	-57,200	3,386	-96,857	-202,749	0,044
	1398	5	0,000	-6,498	-174,265	-174,265	0,000	-57,674	-57,759	4,928	-102,661	-206,860	0,040
Plate_1_9	1398	1	0,000	-6,498	-174,213	-174,213	0,000	-57,686	-57,770	4,941	-102,661	-206,860	0,040
Element 18-27 (Plate)	1399	2	0,000	-6,623	-177,498	-177,498	0,000	-58,228	-58,228	6,636	-109,921	-211,438	0,036
(Paratia 800)	1400	3	0,000	-6,749	-180,677	-180,677	0,000	-58,371	-58,371	8,131	-117,226	-215,466	0,033
	1401	4	0,000	-6,874	-183,749	-183,749	0,000	-58,128	-58,128	9,433	-124,526	-218,951	0,031
	1750	5	0,000	-6,999	-186,711	-186,711	0,000	-57,510	-57,510	10,545	-131,767	-221,898	0,031
Plate_1_9	1750	1	0,000	-6,999	-186,712	-186,712	0,000	-57,534	-57,534	10,560	-131,767	-221,898	0,031
Element 18-28 (Plate)	1751	2	0,000	-7,154	-190,221	-190,221	0,000	-56,327	-56,327	11,819	-140,583	-224,840	0,033
(Paratia 800)	1752	3	0,000	-7,309	-193,564	-193,564	0,000	-54,702	-54,702	13,391	-149,182	-227,026	0,038
	1753	4	0,000	-7,463	-196,741	-196,741	0,000	-52,680	-52,680	14,868	-157,499	-228,466	0,045
	2022	5	0,000	-7,618	-199,750	-199,750	0,000	-50,278	-50,278	16,517	-165,470	-229,188	0,055
Plate_1_9	2022	1	0,000	-7,618	-199,755	-199,755	0,000	-50,313	-50,313	16,532	-165,470	-229,188	0,055
Element 18-29 (Plate)	2023	2	0,000	-7,809	-203,249	-203,249	0,000	-46,919	-46,919	18,233	-174,776	-229,136	0,070

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
(Paratia 800)	2024	3	0,000	-8,001	-206,510	-206,510	1,258	-43,164	-43,164	19,612	-183,400	-228,101	0,092
	2025	4	0,000	-8,192	-209,539	-209,539	2,527	-39,081	-39,081	21,498	-191,275	-228,359	0,122
	2046	5	0,000	-8,383	-212,336	-212,336	3,746	-34,701	-34,701	23,015	-198,336	-228,674	0,157
Plate_1_9	2046	1	0,000	-8,383	-212,308	-212,308	3,747	-34,755	-34,755	23,035	-198,336	-228,674	0,157
Element 18-30 (Plate)	2047	2	0,000	-8,620	-215,533	-215,533	5,189	-29,080	-29,080	24,443	-205,886	-228,297	0,205
(Paratia 800)	2048	3	0,000	-8,856	-218,351	-218,351	6,558	-23,307	-23,307	26,819	-212,081	-230,695	0,257
	2049	4	0,000	-9,093	-220,730	-220,730	7,855	-17,497	-17,497	29,223	-216,909	-232,585	0,312
	2210	5	0,000	-9,329	-222,638	-222,638	9,076	-11,714	-11,715	31,505	-220,361	-235,215	0,369
Plate_1_9	2210	1	0,000	-9,329	-222,644	-222,644	9,074	-11,774	-11,774	31,592	-220,361	-235,215	0,369
Element 18-31 (Plate)	2211	2	0,000	-9,622	-224,351	-224,351	10,483	-4,887	-5,081	34,035	-222,782	-236,856	0,437
(Paratia 800)	2212	3	0,000	-9,914	-225,410	-225,410	11,768	1,571	0,000	35,999	-223,261	-236,785	0,498
	2213	4	0,000	-10,206	-225,752	-225,752	12,925	7,738	0,000	37,756	-221,891	-235,222	0,544
	2262	5	0,000	-10,499	-225,308	-225,308	13,946	13,755	0,000	39,533	-218,750	-231,950	0,565
Plate_1_10	2262	1	0,000	-10,499	-225,664	-225,664	13,931	14,366	-0,012	40,155	-218,750	-231,950	0,565
Element 19-32 (Plate)	2263	2	0,000	-10,792	-223,697	-223,697	15,467	23,981	-0,113	42,731	-213,068	-225,759	0,547
(Paratia 800)	2264	3	0,000	-11,085	-221,383	-221,383	16,923	31,383	-0,180	44,139	-204,905	-216,774	0,503
	2265	4	0,000	-11,379	-218,714	-218,714	18,629	36,833	-0,212	45,651	-194,848	-205,744	0,445
	2838	5	0,000	-11,672	-215,685	-215,685	20,222	40,593	-0,214	46,200	-183,462	-193,387	0,382
Plate_1_10	2838	1	0,000	-11,672	-215,686	-215,686	20,221	40,750	-0,221	46,456	-183,462	-193,387	0,382
Element 19-33 (Plate)	2839	2	0,000	-11,970	-212,232	-212,232	21,727	43,356	-0,217	47,388	-170,882	-179,869	0,316
(Paratia 800)	2840	3	0,000	-12,269	-208,444	-208,444	23,320	44,945	-0,208	48,328	-157,674	-165,819	0,253
	2841	4	0,000	-12,568	-204,329	-204,329	24,904	45,587	-0,194	48,423	-144,131	-151,547	0,193
	2951	5	0,000	-12,866	-199,895	-199,895	26,359	45,351	-0,176	47,598	-130,538	-137,355	0,137
Plate_1_10	2951	1	0,000	-12,866	-199,902	-199,902	26,356	45,419	-0,177	47,690	-130,538	-137,355	0,137
Element 19-34 (Plate)	2948	2	0,000	-13,170	-195,079	-195,079	27,697	44,541	-0,158	46,256	-116,853	-123,188	0,086
(Paratia 800)	2949	3	0,000	-13,474	-189,956	-189,956	28,890	43,092	-0,138	44,331	-103,518	-109,491	0,548
	2950	4	0,000	-13,778	-184,542	-184,542	29,933	41,112	-0,119	41,956	-90,702	-96,410	1,330
	3590	5	0,000	-14,082	-178,842	-178,842	30,823	38,640	-0,099	39,175	-78,572	-84,089	1,947
Plate_1_10	3590	1	0,000	-14,082	-178,856	-178,856	30,818	38,699	-0,099	39,234	-78,572	-84,089	1,947

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
Element 19-35 (Plate)	3591	2	0,000	-14,392	-172,779	-172,779	31,561	35,822	-0,080	36,247	-67,037	-72,409	2,422
(Paratia 800)	3592	3	0,000	-14,701	-166,466	-166,466	32,125	32,744	-0,066	33,146	-56,421	-61,668	2,758
	3593	4	0,000	-15,010	-159,927	-159,927	32,519	29,494	-0,056	29,961	-46,783	-51,897	3,209
	4198	5	0,000	-15,320	-153,172	-153,172	32,927	26,103	-0,046	26,723	-38,179	-43,127	3,992
Plate_1_10	4198	1	0,000	-15,320	-153,178	-153,178	32,918	26,158	-0,046	26,762	-38,179	-43,127	3,992
Element 19-36 (Plate)	4199	2	0,000	-15,635	-146,103	-146,103	33,123	22,684	-0,036	23,531	-30,488	-35,209	4,569
(Paratia 800)	4200	3	0,000	-15,950	-138,823	-138,823	33,091	19,326	-0,203	20,455	-23,873	-28,283	4,976
	4201	4	0,000	-16,265	-131,344	-131,344	32,819	16,118	-0,371	17,551	-18,290	-22,298	5,525
	4904	5	0,000	-16,580	-123,674	-123,674	32,304	13,095	-0,508	14,837	-13,695	-17,202	5,798
Plate_1_10	4904	1	0,000	-16,580	-123,666	-123,666	32,292	13,129	-0,510	14,848	-13,695	-17,202	5,798
Element 19-37 (Plate)	4905	2	0,000	-16,901	-115,689	-115,689	31,476	10,446	-0,701	12,341	-9,923	-12,849	5,828
(Paratia 800)	4906	3	0,000	-17,222	-107,488	-107,488	30,357	8,111	-1,034	10,071	-6,956	-9,260	5,817
	4907	4	0,000	-17,543	-99,059	-99,059	28,934	6,121	-1,325	8,039	-4,681	-6,361	5,866
	5710	5	0,000	-17,864	-90,402	-90,402	27,205	4,476	-1,704	6,241	-2,991	-4,077	5,611
Plate_1_10	5710	1	0,000	-17,864	-90,352	-90,352	27,195	4,456	-1,706	6,219	-2,991	-4,077	5,611
Element 19-38 (Plate)	5711	2	0,000	-18,190	-81,247	-81,247	25,107	3,108	-2,007	4,638	-1,764	-2,309	5,131
(Paratia 800)	5712	3	0,000	-18,517	-71,698	-71,698	22,728	2,015	-2,404	3,210	-0,933	-1,037	4,503
	5713	4	0,000	-18,843	-61,691	-61,691	20,019	1,162	-2,748	1,906	-0,421	-0,421	3,736
	6254	5	0,000	-19,170	-51,212	-51,212	16,897	0,534	-2,988	0,782	-0,150	-0,150	2,892
Plate_1_10	6254	1	0,000	-19,170	-50,937	-50,937	16,883	0,448	-2,889	0,797	-0,150	-0,150	2,892
Element 19-39 (Plate)	6255	2	0,000	-19,502	-39,865	-39,865	13,221	0,206	-3,176	0,206	-0,058	-0,058	1,882
(Paratia 800)	6256	3	0,000	-19,835	-27,371	-27,371	9,049	0,201	-2,715	0,201	0,021	-0,012	0,881
	6257	4	0,000	-20,167	-13,250	-13,250	4,385	0,064	-1,443	0,064	0,061	-0,001	0,165
	6258	5	0,000	-20,500	2,705	-0,755	2,705	-0,578	-0,578	0,556	0,000	0,000	0,000

3.1.1.1.8 Calculation results, Plate, Versante - fase B [Phase_10] (10/43), Table of plate force envelopes

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
Plate_1_1	303	1	0,000	-0,520	0,031	-0,046	0,031	0,525	-0,099	0,525	0,000	0,000	0,000
Element 1-1 (Plate)	304	2	0,000	-0,640	-0,102	-0,646	0,000	-1,471	-1,471	1,759	-0,053	-0,054	0,110
(Paratia 800)	305	3	0,000	-0,760	-0,640	-1,704	0,000	-2,636	-2,636	2,792	-0,328	-0,328	0,390
	306	4	0,000	-0,880	-1,579	-3,191	0,000	-1,818	-2,022	3,065	-0,607	-0,614	0,750
	307	5	0,000	-1,000	-2,913	-5,109	0,000	2,137	-1,948	2,603	-0,631	-0,688	1,097
Plate_5_1	10803	1	15,360	-2,338	-15,531	-16,312	0,000	-20,569	-20,569	0,000	17,834	0,000	17,834
Element 2-2 (Plate)	10401	2	15,360	-2,069	-11,262	-12,300	0,000	-17,008	-17,008	0,000	12,781	-0,019	12,781
(MURO ELEVAZIONE)	10402	3	15,360	-1,800	-7,283	-8,510	0,000	-13,585	-13,585	0,000	8,665	-0,064	8,665
	10403	4	15,360	-1,531	-3,594	-4,918	0,000	-10,295	-10,295	0,023	5,453	-0,136	5,453
	10407	5	15,360	-1,261	-0,193	-1,502	0,001	-7,132	-7,132	0,283	3,111	-0,106	3,111
Plate_5_1	10407	1	15,360	-1,261	-0,821	-2,121	0,001	-7,678	-7,678	0,135	3,111	-0,106	3,111
Element 2-3 (Plate)	10252	2	15,360	-1,071	0,390	-0,822	0,390	-5,819	-5,819	0,206	1,832	-0,074	1,832
(MURO ELEVAZIONE)	10253	3	15,360	-0,881	0,837	-0,155	0,837	-4,097	-4,097	0,178	0,886	-0,037	0,886
	10254	4	15,360	-0,690	0,747	-0,048	0,747	-2,359	-2,359	0,096	0,273	-0,010	0,273
	10251	5	15,360	-0,500	0,351	-0,095	0,351	-0,454	-0,454	0,017	0,000	0,000	0,000
Plate_1_2	307	1	0,000	-1,000	-2,180	-4,342	0,000	2,729	-2,954	2,842	-0,631	-0,688	1,097
Element 3-4 (Plate)	33	2	0,000	-1,250	-7,232	-10,993	0,000	15,226	-1,341	15,226	1,713	-0,590	2,757
(Paratia 800)	34	3	0,000	-1,500	-12,209	-17,770	0,000	22,931	-2,089	22,931	6,584	-0,648	6,584
	35	4	0,000	-1,750	-16,941	-24,486	0,000	25,847	-3,368	25,847	12,782	-1,225	12,782
	46	5	0,000	-2,000	-21,258	-30,951	0,000	23,976	-5,141	23,976	19,108	-2,164	19,108
Plate_1_3	46	1	0,000	-2,000	-21,276	-30,946	0,000	24,132	-5,236	24,132	19,108	-2,164	19,108
Element 4-5 (Plate)	47	2	0,000	-2,125	-23,307	-34,076	0,000	20,859	-6,342	20,859	21,924	-2,780	21,924
(Paratia 800)	48	3	0,000	-2,250	-25,278	-37,167	0,000	17,140	-7,688	17,140	24,304	-3,647	24,304
	49	4	0,000	-2,375	-27,194	-40,225	0,000	12,996	-9,467	12,996	26,193	-4,674	26,193
	78	5	0,000	-2,500	-29,061	-43,255	0,000	8,450	-11,426	8,450	27,537	-5,874	27,537
Plate_5_2	11003	1	15,360	-3,610	-42,863	-42,863	0,003	-35,486	-35,486	0,000	54,416	0,000	54,416

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
Element 5-6 (Plate)	10804	2	15,360	-3,292	-36,170	-36,170	0,002	-32,724	-32,724	0,000	43,550	0,000	43,550
(MURO ELEVAZIONE)	10805	3	15,360	-2,974	-28,914	-29,036	0,001	-29,197	-29,197	0,000	33,689	0,000	33,689
	10806	4	15,360	-2,656	-21,749	-22,217	0,000	-25,017	-25,017	0,000	25,047	0,000	25,047
	10803	5	15,360	-2,338	-15,328	-16,081	0,000	-20,293	-20,293	0,000	17,834	0,000	17,834
Plate_1_4	78	1	0,000	-2,500	-29,048	-43,235	0,000	8,442	-11,429	8,442	27,537	-5,874	27,537
Element 6-7 (Plate)	79	2	0,000	-2,750	-32,702	-49,258	0,000	-3,650	-15,900	0,000	28,153	-8,858	28,153
(Paratia 800)	80	3	0,000	-3,000	-36,454	-55,487	0,000	-16,486	-21,117	0,001	25,647	-13,266	25,647
	81	4	0,000	-3,250	-40,336	-61,952	0,000	-29,984	-29,984	0,023	19,853	-19,275	19,853
	108	5	0,000	-3,500	-44,379	-68,680	0,000	-44,064	-44,064	0,052	10,609	-26,865	10,609
Plate_1_5	108	1	0,000	-3,500	-44,438	-68,740	0,000	-43,958	-43,958	0,051	10,609	-26,865	10,609
Element 7-8 (Plate)	109	2	0,000	-3,673	-47,424	-73,641	0,000	-53,309	-53,309	0,070	2,223	-33,122	3,236
(Paratia 800)	110	3	0,000	-3,845	-50,609	-78,797	0,000	-62,713	-62,713	0,088	-7,786	-40,289	0,000
	111	4	0,000	-4,018	-53,999	-84,208	0,000	-72,154	-72,154	0,105	-19,420	-48,424	0,000
	134	5	0,000	-4,190	-57,594	-89,877	0,000	-81,614	-81,614	0,121	-32,680	-57,587	0,000
Plate_5_3	10993	1	15,360	-4,493	-62,309	-62,309	0,923	-34,645	-34,645	0,000	84,219	0,000	84,219
Element 8-9 (Plate)	10987	2	15,360	-4,272	-56,472	-56,472	0,763	-34,273	-34,273	0,000	76,608	0,000	76,608
(MURO ELEVAZIONE)	10988	3	15,360	-4,052	-50,526	-50,526	0,552	-33,778	-33,778	0,000	69,093	0,000	69,093
	10989	4	15,360	-3,831	-45,102	-45,102	0,352	-33,230	-33,230	0,000	61,691	0,000	61,691
	11003	5	15,360	-3,610	-40,828	-40,828	0,225	-32,697	-32,697	0,000	54,416	0,000	54,416
Plate_1_6	134	1	0,000	-4,190	-88,569	-99,170	0,000	-28,114	-56,082	8,710	-32,680	-57,587	0,000
Element 9-10 (Plate)	135	2	0,000	-4,268	-90,258	-101,508	0,000	-32,360	-58,959	5,940	-35,022	-62,022	0,000
(Paratia 800)	136	3	0,000	-4,345	-91,989	-103,918	0,000	-36,614	-61,911	3,100	-37,696	-66,686	0,000
	137	4	0,000	-4,423	-93,760	-106,645	0,000	-40,874	-64,935	0,192	-40,699	-71,581	0,000
	158	5	0,000	-4,500	-95,569	-109,435	0,000	-45,137	-68,028	0,144	-44,031	-76,712	0,000
Plate_1_7	158	1	0,000	-4,500	-95,571	-109,438	0,000	-45,137	-67,886	0,144	-44,031	-76,712	0,000
Element 10-11 (Plate)	159	2	0,000	-4,607	-98,129	-113,364	0,000	-50,725	-69,855	0,150	-49,152	-84,048	0,000
(Paratia 800)	160	3	0,000	-4,714	-100,766	-117,393	0,000	-56,322	-71,613	0,154	-54,874	-91,589	0,000
	161	4	0,000	-4,821	-103,485	-121,523	0,000	-61,921	-73,117	0,156	-61,194	-99,304	0,000
	172	5	0,000	-4,928	-106,285	-125,755	0,000	-67,513	-74,327	0,157	-68,110	-107,161	0,004

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
Plate_1_7	172	1	0,000	-4,928	-106,294	-125,754	0,000	-67,500	-74,253	0,156	-68,110	-107,161	0,004
Element 10-12 (Plate)	173	2	0,000	-5,009	-108,485	-129,014	0,000	-71,727	-74,906	0,155	-73,759	-113,196	0,010
(Paratia 800)	174	3	0,000	-5,090	-110,751	-132,342	0,000	-75,902	-75,902	0,153	-79,752	-119,280	0,019
	175	4	0,000	-5,171	-113,095	-135,738	0,000	-80,015	-80,015	0,149	-86,082	-125,393	0,029
	195	5	0,000	-5,252	-115,519	-139,203	0,000	-84,055	-84,055	0,143	-92,739	-131,529	0,038
Plate_1_7	195	1	0,000	-5,252	-115,544	-139,222	0,000	-84,007	-84,007	0,143	-92,739	-131,529	0,038
Element 10-13 (Plate)	192	2	0,000	-5,314	-117,455	-141,919	0,000	-86,996	-86,996	0,138	-98,010	-136,193	0,045
(Paratia 800)	193	3	0,000	-5,375	-119,493	-144,724	0,000	-89,784	-89,784	0,131	-103,461	-140,854	0,052
	194	4	0,000	-5,437	-121,681	-147,641	0,000	-92,322	-92,322	0,123	-109,076	-145,502	0,058
	221	5	0,000	-5,499	-124,039	-150,671	0,000	-94,560	-94,560	0,115	-114,836	-150,127	0,063
Plate_5_4	11283	1	15,360	-5,610	-85,306	-85,306	1,670	-28,763	-28,763	3,807	120,929	0,000	120,929
Element 11-14 (Plate)	10994	2	15,360	-5,331	-81,099	-81,099	1,596	-31,748	-31,748	1,041	112,453	0,000	112,453
(MURO ELEVAZIONE)	10995	3	15,360	-5,052	-76,082	-76,082	1,451	-33,559	-33,559	0,000	103,314	0,000	103,314
	10996	4	15,360	-4,772	-69,968	-69,968	1,234	-34,340	-34,340	0,000	93,807	0,000	93,807
	10993	5	15,360	-4,493	-62,472	-62,472	0,939	-34,236	-34,236	0,000	84,219	0,000	84,219
Plate_1_8	221	1	0,000	-5,499	-124,070	-150,377	0,000	-94,446	-94,446	0,100	-114,836	-150,127	0,063
Element 12-15 (Plate)	218	2	0,000	-5,499	-124,065	-150,401	0,000	-94,474	-94,474	0,100	-114,866	-150,151	0,064
(Paratia 800)	219	3	0,000	-5,499	-124,064	-150,420	0,000	-94,500	-94,500	0,099	-114,895	-150,174	0,064
	220	4	0,000	-5,500	-124,064	-150,434	0,000	-94,526	-94,526	0,099	-114,925	-150,197	0,064
	254	5	0,000	-5,500	-124,067	-150,443	0,000	-94,552	-94,552	0,099	-114,954	-150,220	0,064
Plate_4_1	8607	1	9,150	-5,596	-17,146	-17,146	0,000	13,545	-0,338	17,096	0,000	0,000	0,000
Element 13-16 (Plate)	8611	2	9,463	-5,600	-35,720	-35,720	0,000	79,048	0,000	97,807	14,614	0,000	18,346
(PLINTO)	8612	3	9,775	-5,603	-52,417	-52,417	0,000	139,163	0,000	166,135	48,846	0,000	59,800
	8613	4	10,088	-5,607	-67,011	-67,011	0,000	194,306	0,000	224,914	101,099	0,000	121,216
	9073	5	10,400	-5,610	-79,275	-79,275	0,000	244,891	0,000	276,979	169,821	0,000	199,725
Plate_2_1	9073	1	10,400	-5,610	-51,463	-51,463	0,000	-188,717	-211,889	0,000	18,660	0,000	137,721
Element 14-17 (Plate)	9074	2	10,723	-5,610	-60,927	-60,927	0,000	-140,915	-164,543	0,000	-34,456	-34,456	77,087
(PLINTO)	9075	3	11,046	-5,610	-69,128	-69,128	0,000	-97,216	-122,475	0,000	-72,882	-72,882	31,786
	9076	4	11,370	-5,610	-76,263	-76,263	0,000	-56,548	-84,174	0,000	-97,637	-97,637	0,736

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
	9735	5	11,693	-5,610	-82,531	-82,531	0,000	-17,837	-55,440	0,000	-109,630	-109,630	0,000
Plate_2_1	9735	1	11,693	-5,610	-82,546	-82,546	0,000	-17,851	-55,436	0,000	-109,630	-109,630	0,000
Element 14-18 (Plate)	9739	2	12,018	-5,610	-88,181	-88,181	0,000	19,473	-40,357	19,473	-109,335	-109,335	0,000
(PLINTO)	9740	3	12,343	-5,610	-93,327	-93,327	0,000	55,729	-25,230	55,729	-97,086	-97,086	0,000
	9741	4	12,668	-5,610	-98,099	-98,099	0,000	91,041	-10,066	91,041	-73,205	-86,520	0,000
	10267	5	12,993	-5,610	-102,608	-102,608	0,000	125,533	0,000	125,533	-38,000	-87,322	0,949
Plate_2_1	10267	1	12,993	-5,610	-102,617	-102,617	0,000	125,537	0,000	125,537	-38,000	-87,322	0,949
Element 14-19 (Plate)	10271	2	13,320	-5,610	-106,918	-106,918	0,000	159,375	0,000	159,375	8,564	-83,142	33,497
(PLINTO)	10272	3	13,646	-5,610	-111,105	-111,105	0,000	192,288	0,000	192,288	66,076	-73,938	76,157
	10273	4	13,973	-5,610	-115,078	-115,078	0,000	224,115	0,000	224,115	134,158	-59,696	134,181
	10839	5	14,300	-5,610	-118,735	-118,735	0,000	254,697	0,000	254,697	212,420	-40,398	212,420
Plate_2_2	10839	1	14,300	-5,610	-72,613	-72,613	0,000	-96,766	-158,991	0,000	0,300	-44,192	77,840
Element 15-20 (Plate)	10843	2	14,565	-5,610	-74,529	-74,529	0,000	-73,935	-137,311	0,000	-22,264	-59,143	38,636
(PLINTO)	10844	3	14,830	-5,610	-76,188	-76,188	0,000	-53,475	-117,821	0,000	-39,092	-70,748	4,874
	10845	4	15,095	-5,610	-77,428	-77,428	0,000	-35,482	-100,562	0,000	-50,830	-79,014	0,000
	11283	5	15,360	-5,610	-78,085	-78,085	0,000	-20,052	-85,574	0,000	-58,127	-83,947	0,000
Plate_2_3	11283	1	15,360	-5,610	-106,846	-106,846	0,000	63,380	-16,011	63,380	-179,056	-179,056	0,000
Element 16-21 (Plate)	11287	2	15,715	-5,610	-102,891	-102,891	0,000	90,601	0,000	90,601	-151,875	-151,875	0,000
(PLINTO)	11288	3	16,070	-5,610	-99,375	-99,375	0,000	121,286	0,000	121,286	-114,288	-114,288	0,000
	11289	4	16,425	-5,610	-96,152	-96,152	0,000	154,106	0,000	154,106	-65,489	-79,808	0,000
	11641	5	16,780	-5,610	-93,075	-93,075	0,000	187,736	0,000	187,736	-4,808	-64,021	0,000
Plate_2_3	11641	1	16,780	-5,610	-93,132	-93,132	0,000	187,934	0,000	187,934	-4,808	-64,021	0,000
Element 16-22 (Plate)	11645	2	17,135	-5,610	-90,562	-90,563	0,000	222,738	0,000	222,738	68,045	-42,323	68,045
(PLINTO)	11646	3	17,490	-5,610	-88,276	-88,276	0,000	258,121	0,000	258,121	153,413	-14,705	153,413
	11647	4	17,845	-5,610	-86,185	-86,185	0,000	293,892	0,000	293,892	251,399	0,000	251,399
	12293	5	18,200	-5,610	-84,204	-84,204	0,000	329,859	0,000	329,859	362,091	0,000	362,091
Plate_3_1	12293	1	18,200	-5,610	-13,613	-13,613	2,271	-126,546	-135,461	0,000	77,390	0,000	85,043
Element 17-23 (Plate)	12294	2	18,489	-5,610	-11,689	-11,689	2,437	-96,908	-104,801	0,000	45,078	0,000	50,302
(PLINTO)	12295	3	18,778	-5,610	-10,258	-10,258	1,881	-66,991	-73,770	0,000	21,376	0,000	24,470

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
	12296	4	19,068	-5,610	-8,013	-8,013	1,496	-36,947	-42,367	0,000	6,337	0,000	7,663
	12739	5	19,357	-5,610	-3,644	-3,644	1,771	-6,925	-10,591	0,693	0,000	0,000	0,000
Plate_1_9	254	1	0,000	-5,500	-124,023	-150,481	0,000	-94,706	-94,706	0,095	-114,954	-150,220	0,064
Element 18-24 (Plate)	255	2	0,000	-5,566	-124,465	-151,961	0,000	-93,423	-93,424	0,054	-121,188	-155,092	0,067
(Paratia 800)	256	3	0,000	-5,633	-124,877	-153,396	0,000	-92,279	-92,279	0,022	-127,344	-159,811	0,070
	257	4	0,000	-5,699	-125,263	-154,819	0,000	-91,254	-91,254	0,000	-133,429	-164,370	0,070
	588	5	0,000	-5,765	-125,626	-156,259	0,000	-90,329	-90,329	0,000	-139,446	-168,768	0,070
Plate_1_9	588	1	0,000	-5,765	-125,637	-156,266	0,000	-90,297	-90,297	0,000	-139,446	-168,768	0,070
Element 18-25 (Plate)	589	2	0,000	-5,847	-126,049	-158,047	0,000	-89,322	-89,322	0,000	-146,803	-173,988	0,068
(Paratia 800)	590	3	0,000	-5,929	-126,451	-159,861	0,000	-88,442	-88,473	0,000	-154,088	-178,968	0,065
	591	4	0,000	-6,011	-126,851	-161,715	0,000	-87,620	-88,075	0,000	-161,303	-183,707	0,062
	990	5	0,000	-6,093	-127,261	-163,619	0,000	-86,822	-87,572	0,000	-168,449	-188,201	0,058
Plate_1_9	990	1	0,000	-6,093	-127,269	-163,624	0,000	-86,786	-87,551	0,000	-168,449	-188,201	0,058
Element 18-26 (Plate)	991	2	0,000	-6,194	-127,866	-166,117	0,000	-85,606	-86,566	0,000	-177,180	-193,420	0,053
(Paratia 800)	992	3	0,000	-6,296	-128,543	-168,729	0,000	-84,213	-85,263	1,665	-185,784	-198,269	0,049
	993	4	0,000	-6,397	-129,288	-171,449	0,000	-82,613	-83,649	3,386	-194,238	-202,749	0,044
	1398	5	0,000	-6,498	-130,093	-174,265	0,000	-80,810	-81,738	4,928	-202,514	-206,860	0,040
Plate_1_9	1398	1	0,000	-6,498	-130,043	-174,213	0,000	-80,807	-81,762	4,941	-202,514	-206,860	0,040
Element 18-27 (Plate)	1399	2	0,000	-6,623	-130,819	-177,498	0,000	-78,218	-79,069	6,636	-212,472	-212,472	0,036
(Paratia 800)	1400	3	0,000	-6,749	-131,457	-180,677	0,000	-75,326	-76,103	8,131	-222,089	-222,089	0,033
	1401	4	0,000	-6,874	-131,955	-183,749	0,000	-72,150	-72,880	9,433	-231,328	-231,328	0,031
	1750	5	0,000	-6,999	-132,311	-186,711	0,000	-68,706	-69,419	10,545	-240,147	-240,147	0,031
Plate_1_9	1750	1	0,000	-6,999	-132,306	-186,712	0,000	-68,737	-69,443	10,560	-240,147	-240,147	0,031
Element 18-28 (Plate)	1751	2	0,000	-7,154	-132,532	-190,221	0,000	-64,213	-64,926	11,819	-250,436	-250,436	0,033
(Paratia 800)	1752	3	0,000	-7,309	-132,513	-193,564	0,000	-59,476	-60,202	13,391	-260,013	-260,013	0,038
	1753	4	0,000	-7,463	-132,248	-196,741	0,000	-54,546	-55,421	14,868	-268,842	-268,842	0,045
	2022	5	0,000	-7,618	-131,736	-199,750	0,000	-49,445	-50,886	16,517	-276,890	-276,890	0,055
Plate_1_9	2022	1	0,000	-7,618	-131,768	-199,755	0,000	-49,469	-50,918	16,532	-276,890	-276,890	0,055
Element 18-29 (Plate)	2023	2	0,000	-7,809	-130,735	-203,249	0,000	-43,016	-46,919	18,233	-285,737	-285,737	0,070

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
(Paratia 800)	2024	3	0,000	-8,001	-129,415	-206,510	1,258	-36,459	-43,164	19,612	-293,342	-293,342	0,092
	2025	4	0,000	-8,192	-127,875	-209,539	2,527	-29,828	-39,081	21,498	-299,686	-299,686	0,122
	2046	5	0,000	-8,383	-126,184	-212,336	3,746	-23,153	-34,701	23,015	-304,753	-304,753	0,157
Plate_1_9	2046	1	0,000	-8,383	-126,195	-212,308	3,747	-23,199	-34,755	23,035	-304,753	-304,753	0,157
Element 18-30 (Plate)	2047	2	0,000	-8,620	-124,248	-215,533	5,189	-15,015	-29,080	24,443	-309,267	-309,267	0,205
(Paratia 800)	2048	3	0,000	-8,856	-122,178	-218,351	6,558	-7,107	-23,307	26,819	-311,876	-311,876	0,257
	2049	4	0,000	-9,093	-119,955	-220,730	7,855	0,467	-17,497	29,223	-312,656	-312,656	0,312
	2210	5	0,000	-9,329	-117,551	-222,638	9,076	7,644	-11,715	31,505	-311,688	-311,688	0,369
Plate_1_9	2210	1	0,000	-9,329	-117,552	-222,644	9,074	7,536	-11,774	31,592	-311,688	-311,688	0,369
Element 18-31 (Plate)	2211	2	0,000	-9,622	-114,315	-224,351	10,483	15,697	-5,081	34,035	-308,263	-308,263	0,437
(Paratia 800)	2212	3	0,000	-9,914	-110,854	-225,410	11,768	22,689	0,000	35,999	-302,625	-302,625	0,498
	2213	4	0,000	-10,206	-107,116	-225,752	12,925	28,578	0,000	37,756	-295,102	-295,102	0,544
	2262	5	0,000	-10,499	-103,046	-225,308	13,946	33,430	0,000	39,533	-286,016	-286,016	0,565
Plate_1_10	2262	1	0,000	-10,499	-103,602	-225,664	13,931	33,750	-0,012	40,155	-286,016	-286,016	0,565
Element 19-32 (Plate)	2263	2	0,000	-10,792	-97,310	-223,697	15,467	40,978	-0,113	42,731	-275,014	-275,014	0,547
(Paratia 800)	2264	3	0,000	-11,085	-91,050	-221,383	16,923	46,441	-0,180	46,441	-262,157	-262,157	0,503
	2265	4	0,000	-11,379	-84,825	-218,714	18,629	50,331	-0,212	50,331	-247,922	-247,922	0,445
	2838	5	0,000	-11,672	-78,637	-215,685	20,222	52,839	-0,214	52,839	-232,769	-232,769	0,382
Plate_1_10	2838	1	0,000	-11,672	-78,640	-215,686	20,221	52,939	-0,221	52,939	-232,769	-232,769	0,382
Element 19-33 (Plate)	2839	2	0,000	-11,970	-72,385	-212,232	21,727	54,347	-0,217	54,347	-216,732	-216,732	0,316
(Paratia 800)	2840	3	0,000	-12,269	-66,224	-208,444	23,320	54,855	-0,208	54,855	-200,406	-200,406	0,253
	2841	4	0,000	-12,568	-60,168	-204,329	24,904	54,526	-0,194	54,526	-184,051	-184,051	0,193
	2951	5	0,000	-12,866	-54,230	-199,895	26,359	53,426	-0,176	53,426	-167,922	-167,922	0,137
Plate_1_10	2951	1	0,000	-12,866	-54,238	-199,902	26,356	53,492	-0,177	53,492	-167,922	-167,922	0,137
Element 19-34 (Plate)	2948	2	0,000	-13,170	-48,337	-195,079	27,697	51,828	-0,158	51,828	-151,905	-151,905	0,086
(Paratia 800)	2949	3	0,000	-13,474	-42,599	-189,956	28,890	49,695	-0,138	49,695	-136,460	-136,460	0,548
	2950	4	0,000	-13,778	-37,035	-184,542	29,933	47,131	-0,119	47,131	-121,729	-121,729	1,330
	3590	5	0,000	-14,082	-31,653	-178,842	30,823	44,173	-0,099	44,173	-107,846	-107,846	1,947
Plate_1_10	3590	1	0,000	-14,082	-31,673	-178,856	30,818	44,228	-0,099	44,228	-107,846	-107,846	1,947

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
Element 19-35 (Plate)	3591	2	0,000	-14,392	-26,409	-172,779	31,561	40,942	-0,080	40,942	-94,665	-94,665	2,422
(Paratia 800)	3592	3	0,000	-14,701	-21,425	-166,466	32,125	37,532	-0,066	37,532	-82,517	-82,517	2,758
	3593	4	0,000	-15,010	-16,732	-159,927	32,519	34,025	-0,056	34,025	-71,439	-71,439	3,209
	4198	5	0,000	-15,320	-12,344	-153,172	32,927	30,449	-0,046	30,449	-61,463	-61,463	3,992
Plate_1_10	4198	1	0,000	-15,320	-12,365	-153,178	32,918	30,503	-0,046	30,503	-61,463	-61,463	3,992
Element 19-36 (Plate)	4199	2	0,000	-15,635	-8,254	-146,103	33,123	26,908	-0,036	26,908	-52,424	-52,424	4,569
(Paratia 800)	4200	3	0,000	-15,950	-4,536	-138,823	33,091	23,488	-0,203	23,488	-44,489	-44,489	4,976
	4201	4	0,000	-16,265	-1,222	-131,344	32,819	20,276	-0,371	20,276	-37,597	-37,597	5,525
	4904	5	0,000	-16,580	1,679	-123,674	32,304	17,306	-0,508	17,306	-31,685	-31,685	5,798
Plate_1_10	4904	1	0,000	-16,580	1,663	-123,666	32,292	17,336	-0,510	17,336	-31,685	-31,685	5,798
Element 19-37 (Plate)	4905	2	0,000	-16,901	4,118	-115,689	31,476	14,765	-0,701	14,765	-26,548	-26,548	5,828
(Paratia 800)	4906	3	0,000	-17,222	6,068	-107,488	30,357	12,588	-1,034	12,588	-22,170	-22,170	5,817
	4907	4	0,000	-17,543	7,510	-99,059	28,934	10,804	-1,325	10,804	-18,427	-18,427	5,866
	5710	5	0,000	-17,864	8,443	-90,402	27,205	9,407	-1,704	9,407	-15,197	-15,197	5,611
Plate_1_10	5710	1	0,000	-17,864	8,448	-90,352	27,195	9,364	-1,706	9,364	-15,197	-15,197	5,611
Element 19-38 (Plate)	5711	2	0,000	-18,190	8,869	-81,247	25,107	8,311	-2,007	8,311	-12,318	-12,318	5,131
(Paratia 800)	5712	3	0,000	-18,517	8,781	-71,698	22,728	7,460	-2,404	7,460	-9,746	-9,746	4,503
	5713	4	0,000	-18,843	8,189	-61,691	20,019	6,775	-2,748	6,775	-7,426	-7,426	3,736
	6254	5	0,000	-19,170	7,096	-51,212	16,897	6,220	-2,988	6,220	-5,306	-5,306	2,892
Plate_1_10	6254	1	0,000	-19,170	7,254	-50,937	16,883	5,814	-2,889	5,814	-5,306	-5,306	2,892
Element 19-39 (Plate)	6255	2	0,000	-19,502	5,418	-39,865	13,221	5,864	-3,176	5,864	-3,354	-3,354	1,882
(Paratia 800)	6256	3	0,000	-19,835	3,510	-27,371	9,049	4,973	-2,715	4,973	-1,501	-1,501	0,881
	6257	4	0,000	-20,167	1,673	-13,250	4,385	2,607	-1,443	2,607	-0,210	-0,210	0,165
	6258	5	0,000	-20,500	0,048	-0,755	2,705	-1,770	-1,770	0,556	0,000	0,000	0,000

3.2.1.1.1.4 Calculation results, Node-to-node anchor, chiodo [Phase_3] (3/21), Table of total displacements

Structural element	Node	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
NodeToNodeAnchor_2_1	134	1	0,000	-4,190	11,843	2,675	12,141
Element 1-1 (Node-to-node anchor)	3998	2	-12,990	-11,710	0,299	0,693	0,755

3.2.1.1.1.5 Calculation results, Node-to-node anchor, scavo per plinto [Phase_4] (4/24), Table of total displacements

Structural element	Node	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
NodeToNodeAnchor_2_1	134	1	0,000	-4,190	17,690	2,600	17,880
Element 1-1 (Node-to-node anchor)	3998	2	-12,990	-11,710	1,553	1,255	1,997

3.2.1.1.1.6 Calculation results, Node-to-node anchor, costruzione plinto [Phase_5] (5/27), Table of total displacements

Structural element	Node	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
NodeToNodeAnchor_2_1	134	1	0,000	-4,190	18,572	1,809	18,660
Element 1-1 (Node-to-node anchor)	3998	2	-12,990	-11,710	1,846	1,160	2,180

3.2.1.1.1.7 Calculation results, Node-to-node anchor, rinfianco [Phase_9] (12/39), Table of total displacements

Structural element	Node	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
NodeToNodeAnchor_2_1	134	1	0,000	-4,190	17,780	-4,476	18,335
Element 1-1 (Node-to-node anchor)	3998	2	-12,990	-11,710	2,059	-1,029	2,302

3.2.1.1.1.8 Calculation results, Node-to-node anchor, Versante - fase B [Phase_10] (10/43), Table of total displacements

Structural element	Node	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
NodeToNodeAnchor_2_1	134	1	0,000	-4,190	7,404	6,912	10,129
Element 1-1 (Node-to-node anchor)	3998	2	-12,990	-11,710	0,287	14,492	14,494

3.2.2.1.4 Calculation results, Node-to-node anchor, chiodo [Phase_3] (3/21), Table of node-to-node anchors

Structural element	Node	Local number	X [m]	Y [m]	N [kN]	N_{min} [kN]	N_{max} [kN]
NodeToNodeAnchor_2_1	134	1	0,000	-4,190	1,081	0,000	1,081
Element 1-1 (Node-to-node anchor)	3998	2	-12,990	-11,710	1,081	0,000	1,081

3.2.2.1.5 Calculation results, Node-to-node anchor, scavo per plinto [Phase_4] (4/24), Table of node-to-node anchors

Structural element	Node	Local number	X [m]	Y [m]	N [kN]	N_{min} [kN]	N_{max} [kN]
NodeToNodeAnchor_2_1	134	1	0,000	-4,190	152,509	0,000	152,509
Element 1-1 (Node-to-node anchor)	3998	2	-12,990	-11,710	152,509	0,000	152,509

3.2.2.1.6 Calculation results, Node-to-node anchor, costruzione plinto [Phase_5] (5/27), Table of node-to-node anchors

Structural element	Node	Local number	X [m]	Y [m]	N [kN]	N_{min} [kN]	N_{max} [kN]
NodeToNodeAnchor_2_1	134	1	0,000	-4,190	159,159	0,000	159,159
Element 1-1 (Node-to-node anchor)	3998	2	-12,990	-11,710	159,159	0,000	159,159

3.2.2.1.7 Calculation results, Node-to-node anchor, rinfianco [Phase_9] (12/39), Table of node-to-node anchors

Structural element	Node	Local number	X [m]	Y [m]	N [kN]	N_{min} [kN]	N_{max} [kN]
NodeToNodeAnchor_2_1	134	1	0,000	-4,190	38,165	0,000	159,159
Element 1-1 (Node-to-node anchor)	3998	2	-12,990	-11,710	38,165	0,000	159,159

3.2.2.1.8 Calculation results, Node-to-node anchor, Versante - fase B [Phase_10] (10/43), Table of node-to-node anchors

Structural element	Node	Local number	X [m]	Y [m]	N [kN]	N_{min} [kN]	N_{max} [kN]
NodeToNodeAnchor_2_1	134	1	0,000	-4,190	135,996	0,000	159,159
Element 1-1 (Node-to-node anchor)	3998	2	-12,990	-11,710	135,996	0,000	159,159

3.3.1.1.1.6 Calculation results, Embedded beam row, costruzione plinto [Phase_5] (5/27), Table of total displacements

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	u_x [10^{-6} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
EmbeddedBeamRow_1_1	13724	1	10,400	-5,610	-643,378	15,835	15,848
Element 1-1 (Embedded beam row)	13725	2	10,400	-5,894	-563,994	14,377	14,388
(palo 1500)	13726	3	10,400	-6,177	-461,964	13,115	13,123
	13727	4	10,400	-6,461	-337,458	12,016	12,021
	13728	5	10,400	-6,744	-194,086	11,061	11,063
EmbeddedBeamRow_1_1	13728	1	10,400	-6,744	-194,086	11,061	11,063
Element 1-2 (Embedded beam row)	13729	2	10,400	-7,057	-210,122	10,653	10,655
(palo 1500)	13730	3	10,400	-7,369	-220,855	10,286	10,288
	13731	4	10,400	-7,682	-222,603	9,941	9,944
	13732	5	10,400	-7,994	-214,075	9,615	9,618
EmbeddedBeamRow_1_1	13732	1	10,400	-7,994	-214,075	9,615	9,618
Element 1-3 (Embedded beam row)	13733	2	10,400	-8,307	-195,702	9,302	9,304
(palo 1500)	13734	3	10,400	-8,619	-169,130	9,000	9,002
	13735	4	10,400	-8,932	-140,338	8,704	8,705
	13736	5	10,400	-9,244	-112,030	8,412	8,413
EmbeddedBeamRow_1_1	13736	1	10,400	-9,244	-112,030	8,412	8,413
Element 1-4 (Embedded beam row)	13737	2	10,400	-9,557	-83,988	8,124	8,124
(palo 1500)	13738	3	10,400	-9,869	-56,062	7,839	7,839
	13739	4	10,400	-10,182	-28,166	7,558	7,558
	13740	5	10,400	-10,494	-0,253	7,280	7,280
EmbeddedBeamRow_1_1	13740	1	10,400	-10,494	-0,253	7,280	7,280
Element 1-5 (Embedded beam row)	13741	2	10,400	-10,807	27,713	7,006	7,006
(palo 1500)	13742	3	10,400	-11,119	55,783	6,736	6,736

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-6} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	13743	4	10,400	-11,432	84,129	6,469	6,470
	13744	5	10,400	-11,744	112,867	6,208	6,209
EmbeddedBeamRow_1_1	13744	1	10,400	-11,744	112,867	6,208	6,209
Element 1-6 (Embedded beam row)	13745	2	10,400	-12,038	115,304	6,037	6,038
(palo 1500)	13746	3	10,400	-12,331	117,821	5,870	5,871
	13747	4	10,400	-12,624	120,252	5,704	5,705
	13748	5	10,400	-12,918	122,963	5,541	5,542
EmbeddedBeamRow_1_1	13748	1	10,400	-12,918	122,963	5,541	5,542
Element 1-7 (Embedded beam row)	13749	2	10,400	-13,214	125,624	5,377	5,379
(palo 1500)	13750	3	10,400	-13,510	128,341	5,216	5,217
	13751	4	10,400	-13,807	131,054	5,056	5,058
	13752	5	10,400	-14,103	133,725	4,899	4,901
EmbeddedBeamRow_1_1	13752	1	10,400	-14,103	133,725	4,899	4,901
Element 1-8 (Embedded beam row)	13753	2	10,400	-14,403	136,364	4,742	4,744
(palo 1500)	13754	3	10,400	-14,702	138,920	4,586	4,589
	13755	4	10,400	-15,002	141,376	4,433	4,435
	13756	5	10,400	-15,302	143,719	4,282	4,284
EmbeddedBeamRow_1_1	13756	1	10,400	-15,302	143,719	4,282	4,284
Element 1-9 (Embedded beam row)	13757	2	10,400	-15,604	145,959	4,131	4,134
(palo 1500)	13758	3	10,400	-15,907	148,058	3,982	3,985
	13759	4	10,400	-16,210	150,010	3,835	3,838
	13760	5	10,400	-16,512	151,806	3,690	3,693
EmbeddedBeamRow_1_1	13760	1	10,400	-16,512	151,806	3,690	3,693
Element 1-10 (Embedded beam row)	13761	2	10,400	-16,818	153,453	3,546	3,549
(palo 1500)	13762	3	10,400	-17,124	154,929	3,403	3,407
	13763	4	10,400	-17,430	156,229	3,262	3,266

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-6} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	13764	5	10,400	-17,736	157,349	3,124	3,128
EmbeddedBeamRow_1_1	13764	1	10,400	-17,736	157,349	3,124	3,128
Element 1-11 (Embedded beam row)	13765	2	10,400	-18,045	158,286	2,985	2,989
(palo 1500)	13766	3	10,400	-18,354	159,021	2,849	2,853
	13767	4	10,400	-18,663	159,547	2,714	2,719
	13768	5	10,400	-18,973	159,852	2,581	2,586
EmbeddedBeamRow_1_1	13768	1	10,400	-18,973	159,852	2,581	2,586
Element 1-12 (Embedded beam row)	13769	2	10,400	-19,285	159,925	2,449	2,454
(palo 1500)	13770	3	10,400	-19,597	159,754	2,318	2,324
	13771	4	10,400	-19,910	159,330	2,189	2,195
	13772	5	10,400	-20,222	158,644	2,062	2,068
EmbeddedBeamRow_1_1	13772	1	10,400	-20,222	158,644	2,062	2,068
Element 1-13 (Embedded beam row)	13773	2	10,400	-20,538	157,674	1,935	1,941
(palo 1500)	13774	3	10,400	-20,853	156,415	1,810	1,816
	13775	4	10,400	-21,169	154,855	1,686	1,693
	13776	5	10,400	-21,485	152,984	1,564	1,572
EmbeddedBeamRow_1_1	13776	1	10,400	-21,485	152,984	1,564	1,572
Element 1-14 (Embedded beam row)	13777	2	10,400	-21,804	150,766	1,442	1,450
(palo 1500)	13778	3	10,400	-22,123	148,208	1,322	1,330
	13779	4	10,400	-22,442	145,300	1,204	1,212
	13780	5	10,400	-22,761	142,033	1,086	1,096
EmbeddedBeamRow_1_1	13780	1	10,400	-22,761	142,033	1,086	1,096
Element 1-15 (Embedded beam row)	13781	2	10,400	-23,083	138,357	0,969	0,979
(palo 1500)	13782	3	10,400	-23,405	134,298	0,854	0,865
	13783	4	10,400	-23,728	129,851	0,740	0,751
	13784	5	10,400	-24,050	125,009	0,627	0,640

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-6} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
EmbeddedBeamRow_1_1	13784	1	10,400	-24,050	125,009	0,627	0,640
Element 1-16 (Embedded beam row)	13785	2	10,400	-24,376	119,713	0,515	0,529
(palo 1500)	13786	3	10,400	-24,701	114,010	0,404	0,419
	13787	4	10,400	-25,027	107,902	0,294	0,313
	13788	5	10,400	-25,353	101,390	0,185	0,211
EmbeddedBeamRow_1_1	13788	1	10,400	-25,353	101,390	0,185	0,211
Element 1-17 (Embedded beam row)	13789	2	10,400	-25,682	94,402	0,077	0,122
(palo 1500)	13790	3	10,400	-26,011	87,008	-0,030	0,092
	13791	4	10,400	-26,340	79,216	-0,136	0,158
	13792	5	10,400	-26,670	71,030	-0,241	0,252
EmbeddedBeamRow_1_1	13792	1	10,400	-26,670	71,030	-0,241	0,252
Element 1-18 (Embedded beam row)	13793	2	10,400	-27,002	62,368	-0,346	0,352
(palo 1500)	13794	3	10,400	-27,335	53,322	-0,450	0,453
	13795	4	10,400	-27,667	43,901	-0,553	0,554
	13796	5	10,400	-28,000	34,116	-0,654	0,655
EmbeddedBeamRow_1_1	13796	1	10,400	-28,000	34,116	-0,654	0,655
Element 1-19 (Embedded beam row)	13797	2	10,400	-28,403	21,803	-0,776	0,776
(palo 1500)	13798	3	10,400	-28,805	8,987	-0,896	0,896
	13799	4	10,400	-29,207	-4,314	-1,014	1,014
	13800	5	10,400	-29,610	-18,082	-1,130	1,130
EmbeddedBeamRow_3_1	13801	1	14,300	-5,610	-548,922	14,478	14,489
Element 2-20 (Embedded beam row)	13802	2	14,300	-6,010	-446,708	12,780	12,788
(palo 1500)	13803	3	14,300	-6,411	-314,761	11,396	11,400
	13804	4	14,300	-6,811	-153,160	10,254	10,255
	13805	5	14,300	-7,211	23,136	9,238	9,238
EmbeddedBeamRow_3_1	13805	1	14,300	-7,211	23,136	9,238	9,238

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-6} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
Element 2-21 (Embedded beam row)	13806	2	14,300	-7,524	-11,576	8,945	8,945
(palo 1500)	13807	3	14,300	-7,836	-43,303	8,672	8,672
	13808	4	14,300	-8,149	-70,796	8,406	8,406
	13809	5	14,300	-8,461	-95,033	8,142	8,143
EmbeddedBeamRow_3_1	13809	1	14,300	-8,461	-95,033	8,142	8,143
Element 2-22 (Embedded beam row)	13810	2	14,300	-8,774	-116,112	7,883	7,883
(palo 1500)	13811	3	14,300	-9,086	-133,931	7,626	7,627
	13812	4	14,300	-9,399	-148,476	7,373	7,374
	13813	5	14,300	-9,711	-159,729	7,123	7,125
EmbeddedBeamRow_3_1	13813	1	14,300	-9,711	-159,729	7,123	7,125
Element 2-23 (Embedded beam row)	13814	2	14,300	-10,024	-167,648	6,876	6,878
(palo 1500)	13815	3	14,300	-10,336	-172,214	6,633	6,635
	13816	4	14,300	-10,649	-173,413	6,392	6,395
	13817	5	14,300	-10,961	-171,253	6,155	6,157
EmbeddedBeamRow_3_1	13817	1	14,300	-10,961	-171,253	6,155	6,157
Element 2-24 (Embedded beam row)	13818	2	14,300	-11,274	-165,747	5,921	5,923
(palo 1500)	13819	3	14,300	-11,586	-156,937	5,690	5,692
	13820	4	14,300	-11,899	-144,840	5,462	5,464
	13821	5	14,300	-12,211	-129,778	5,238	5,239
EmbeddedBeamRow_3_1	13821	1	14,300	-12,211	-129,778	5,238	5,239
Element 2-25 (Embedded beam row)	13822	2	14,300	-12,496	-145,626	5,096	5,098
(palo 1500)	13823	3	14,300	-12,781	-160,350	4,956	4,959
	13824	4	14,300	-13,066	-173,750	4,818	4,821
	13825	5	14,300	-13,351	-185,878	4,681	4,685
EmbeddedBeamRow_3_1	13825	1	14,300	-13,351	-185,878	4,681	4,685
Element 2-26 (Embedded beam row)	13826	2	14,300	-13,639	-196,883	4,544	4,549

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-6} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
(palo 1500)	13827	3	14,300	-13,927	-206,681	4,409	4,414
	13828	4	14,300	-14,215	-215,317	4,276	4,281
	13829	5	14,300	-14,503	-222,836	4,143	4,149
EmbeddedBeamRow_3_1	13829	1	14,300	-14,503	-222,836	4,143	4,149
Element 2-27 (Embedded beam row)	13830	2	14,300	-14,794	-229,350	4,011	4,018
(palo 1500)	13831	3	14,300	-15,084	-234,832	3,880	3,887
	13832	4	14,300	-15,375	-239,334	3,751	3,759
	13833	5	14,300	-15,666	-242,913	3,623	3,631
EmbeddedBeamRow_3_1	13833	1	14,300	-15,666	-242,913	3,623	3,631
Element 2-28 (Embedded beam row)	13834	2	14,300	-15,960	-245,650	3,495	3,504
(palo 1500)	13835	3	14,300	-16,254	-247,557	3,369	3,378
	13836	4	14,300	-16,548	-248,691	3,243	3,253
	13837	5	14,300	-16,842	-249,107	3,120	3,129
EmbeddedBeamRow_3_1	13837	1	14,300	-16,842	-249,107	3,120	3,129
Element 2-29 (Embedded beam row)	13838	2	14,300	-17,140	-248,853	2,996	3,006
(palo 1500)	13839	3	14,300	-17,437	-247,976	2,873	2,884
	13840	4	14,300	-17,734	-246,526	2,752	2,763
	13841	5	14,300	-18,031	-244,552	2,632	2,643
EmbeddedBeamRow_3_1	13841	1	14,300	-18,031	-244,552	2,632	2,643
Element 2-30 (Embedded beam row)	13842	2	14,300	-18,331	-242,075	2,512	2,524
(palo 1500)	13843	3	14,300	-18,631	-239,157	2,393	2,405
	13844	4	14,300	-18,932	-235,845	2,276	2,288
	13845	5	14,300	-19,232	-232,181	2,160	2,172
EmbeddedBeamRow_3_1	13845	1	14,300	-19,232	-232,181	2,160	2,172
Element 2-31 (Embedded beam row)	13846	2	14,300	-19,535	-228,160	2,044	2,056
(palo 1500)	13847	3	14,300	-19,839	-223,858	1,929	1,942

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-6} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	13848	4	14,300	-20,142	-219,313	1,815	1,828
	13849	5	14,300	-20,445	-214,558	1,703	1,716
EmbeddedBeamRow_3_1	13849	1	14,300	-20,445	-214,558	1,703	1,716
Element 2-32 (Embedded beam row)	13850	2	14,300	-20,752	-209,574	1,590	1,604
(palo 1500)	13851	3	14,300	-21,059	-204,442	1,479	1,493
	13852	4	14,300	-21,365	-199,191	1,369	1,383
	13853	5	14,300	-21,672	-193,848	1,260	1,275
EmbeddedBeamRow_3_1	13853	1	14,300	-21,672	-193,848	1,260	1,275
Element 2-33 (Embedded beam row)	13854	2	14,300	-21,982	-188,384	1,151	1,166
(palo 1500)	13855	3	14,300	-22,291	-182,878	1,043	1,059
	13856	4	14,300	-22,601	-177,352	0,936	0,953
	13857	5	14,300	-22,911	-171,829	0,831	0,848
EmbeddedBeamRow_3_1	13857	1	14,300	-22,911	-171,829	0,831	0,848
Element 2-34 (Embedded beam row)	13858	2	14,300	-23,224	-166,269	0,725	0,744
(palo 1500)	13859	3	14,300	-23,537	-160,749	0,621	0,641
	13860	4	14,300	-23,850	-155,285	0,517	0,540
	13861	5	14,300	-24,163	-149,890	0,415	0,441
EmbeddedBeamRow_3_1	13861	1	14,300	-24,163	-149,890	0,415	0,441
Element 2-35 (Embedded beam row)	13862	2	14,300	-24,480	-144,522	0,312	0,344
(palo 1500)	13863	3	14,300	-24,796	-139,250	0,210	0,252
	13864	4	14,300	-25,113	-134,081	0,110	0,173
	13865	5	14,300	-25,429	-129,024	0,010	0,129
EmbeddedBeamRow_3_1	13865	1	14,300	-25,429	-129,024	0,010	0,129
Element 2-36 (Embedded beam row)	13866	2	14,300	-25,749	-124,034	-0,090	0,153
(palo 1500)	13867	3	14,300	-26,068	-119,169	-0,188	0,223
	13868	4	14,300	-26,388	-114,432	-0,286	0,308

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-6} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	13869	5	14,300	-26,708	-109,824	-0,383	0,399
EmbeddedBeamRow_3_1	13869	1	14,300	-26,708	-109,824	-0,383	0,399
Element 2-37 (Embedded beam row)	13870	2	14,300	-27,031	-105,298	-0,480	0,492
(palo 1500)	13871	3	14,300	-27,354	-100,900	-0,577	0,585
	13872	4	14,300	-27,677	-96,625	-0,672	0,679
	13873	5	14,300	-28,000	-92,467	-0,767	0,772
EmbeddedBeamRow_3_1	13873	1	14,300	-28,000	-92,467	-0,767	0,772
Element 2-38 (Embedded beam row)	13874	2	14,300	-28,403	-87,438	-0,883	0,888
(palo 1500)	13875	3	14,300	-28,805	-82,558	-0,999	1,002
	13876	4	14,300	-29,207	-77,803	-1,113	1,116
	13877	5	14,300	-29,610	-73,142	-1,225	1,227
EmbeddedBeamRow_2_1	13878	1	18,200	-5,610	27,798	12,704	12,704
Element 3-39 (Embedded beam row)	13879	2	18,200	-5,885	19,933	11,639	11,639
(palo 1500)	13880	3	18,200	-6,159	23,611	10,720	10,720
	13881	4	18,200	-6,434	38,980	9,925	9,925
	13882	5	18,200	-6,709	66,664	9,230	9,230
EmbeddedBeamRow_2_1	13882	1	18,200	-6,709	66,664	9,230	9,230
Element 3-40 (Embedded beam row)	13883	2	18,200	-6,951	100,062	8,664	8,665
(palo 1500)	13884	3	18,200	-7,194	142,265	8,118	8,119
	13885	4	18,200	-7,436	193,408	7,589	7,592
	13886	5	18,200	-7,678	250,865	7,086	7,091
EmbeddedBeamRow_2_1	13886	1	18,200	-7,678	250,865	7,086	7,091
Element 3-41 (Embedded beam row)	13887	2	18,200	-7,991	157,155	6,848	6,850
(palo 1500)	13888	3	18,200	-8,303	69,908	6,626	6,627
	13889	4	18,200	-8,616	-8,651	6,409	6,409
	13890	5	18,200	-8,928	-78,711	6,195	6,195

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-6} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
EmbeddedBeamRow_2_1	13890	1	18,200	-8,928	-78,711	6,195	6,195
Element 3-42 (Embedded beam row)	13891	2	18,200	-9,241	-140,511	5,984	5,986
(palo 1500)	13892	3	18,200	-9,553	-194,354	5,778	5,781
	13893	4	18,200	-9,866	-240,542	5,575	5,580
	13894	5	18,200	-10,178	-279,399	5,375	5,382
EmbeddedBeamRow_2_1	13894	1	18,200	-10,178	-279,399	5,375	5,382
Element 3-43 (Embedded beam row)	13895	2	18,200	-10,491	-311,215	5,179	5,188
(palo 1500)	13896	3	18,200	-10,803	-336,272	4,986	4,997
	13897	4	18,200	-11,116	-354,827	4,795	4,808
	13898	5	18,200	-11,428	-367,128	4,608	4,622
EmbeddedBeamRow_2_1	13898	1	18,200	-11,428	-367,128	4,608	4,622
Element 3-44 (Embedded beam row)	13899	2	18,200	-11,741	-373,376	4,423	4,439
(palo 1500)	13900	3	18,200	-12,053	-373,787	4,241	4,257
	13901	4	18,200	-12,366	-368,511	4,061	4,078
	13902	5	18,200	-12,678	-358,035	3,885	3,901
EmbeddedBeamRow_2_1	13902	1	18,200	-12,678	-358,035	3,885	3,901
Element 3-45 (Embedded beam row)	13903	2	18,200	-12,978	-385,832	3,769	3,788
(palo 1500)	13904	3	18,200	-13,277	-411,034	3,655	3,678
	13905	4	18,200	-13,577	-433,517	3,542	3,568
	13906	5	18,200	-13,876	-453,452	3,431	3,461
EmbeddedBeamRow_2_1	13906	1	18,200	-13,876	-453,452	3,431	3,461
Element 3-46 (Embedded beam row)	13907	2	18,200	-14,179	-471,176	3,319	3,353
(palo 1500)	13908	3	18,200	-14,482	-486,595	3,209	3,246
	13909	4	18,200	-14,785	-499,846	3,101	3,141
	13910	5	18,200	-15,088	-511,060	2,993	3,036
EmbeddedBeamRow_2_1	13910	1	18,200	-15,088	-511,060	2,993	3,036

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-6} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
Element 3-47 (Embedded beam row)	13911	2	18,200	-15,395	-520,457	2,885	2,932
(palo 1500)	13912	3	18,200	-15,701	-528,015	2,778	2,828
	13913	4	18,200	-16,008	-533,852	2,673	2,726
	13914	5	18,200	-16,314	-538,077	2,568	2,624
EmbeddedBeamRow_2_1	13914	1	18,200	-16,314	-538,077	2,568	2,624
Element 3-48 (Embedded beam row)	13915	2	18,200	-16,624	-540,818	2,463	2,522
(palo 1500)	13916	3	18,200	-16,934	-542,121	2,360	2,421
	13917	4	18,200	-17,244	-542,083	2,257	2,321
	13918	5	18,200	-17,554	-540,799	2,155	2,222
EmbeddedBeamRow_2_1	13918	1	18,200	-17,554	-540,799	2,155	2,222
Element 3-49 (Embedded beam row)	13919	2	18,200	-17,868	-538,319	2,053	2,122
(palo 1500)	13920	3	18,200	-18,181	-534,732	1,951	2,023
	13921	4	18,200	-18,495	-530,117	1,851	1,925
	13922	5	18,200	-18,808	-524,553	1,752	1,828
EmbeddedBeamRow_2_1	13922	1	18,200	-18,808	-524,553	1,752	1,828
Element 3-50 (Embedded beam row)	13923	2	18,200	-19,125	-518,034	1,652	1,731
(palo 1500)	13924	3	18,200	-19,442	-510,691	1,553	1,635
	13925	4	18,200	-19,760	-502,592	1,455	1,539
	13926	5	18,200	-20,077	-493,798	1,358	1,445
EmbeddedBeamRow_2_1	13926	1	18,200	-20,077	-493,798	1,358	1,445
Element 3-51 (Embedded beam row)	13927	2	18,200	-20,398	-484,258	1,260	1,350
(palo 1500)	13928	3	18,200	-20,718	-474,124	1,163	1,256
	13929	4	18,200	-21,039	-463,450	1,067	1,164
	13930	5	18,200	-21,360	-452,285	0,972	1,072
EmbeddedBeamRow_2_1	13930	1	18,200	-21,360	-452,285	0,972	1,072
Element 3-52 (Embedded beam row)	13931	2	18,200	-21,684	-440,537	0,877	0,981

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-6} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
(palo 1500)	13932	3	18,200	-22,009	-428,377	0,782	0,892
	13933	4	18,200	-22,333	-415,844	0,688	0,804
	13934	5	18,200	-22,658	-402,973	0,595	0,718
EmbeddedBeamRow_2_1	13934	1	18,200	-22,658	-402,973	0,595	0,718
Element 3-53 (Embedded beam row)	13935	2	18,200	-22,986	-389,643	0,501	0,635
(palo 1500)	13936	3	18,200	-23,314	-376,032	0,408	0,555
	13937	4	18,200	-23,642	-362,166	0,316	0,480
	13938	5	18,200	-23,971	-348,072	0,224	0,414
EmbeddedBeamRow_2_1	13938	1	18,200	-23,971	-348,072	0,224	0,414
Element 3-54 (Embedded beam row)	13939	2	18,200	-24,302	-333,607	0,132	0,359
(palo 1500)	13940	3	18,200	-24,634	-318,953	0,041	0,322
	13941	4	18,200	-24,966	-304,128	-0,050	0,308
	13942	5	18,200	-25,298	-289,150	-0,140	0,321
EmbeddedBeamRow_2_1	13942	1	18,200	-25,298	-289,150	-0,140	0,321
Element 3-55 (Embedded beam row)	13943	2	18,200	-25,634	-273,858	-0,231	0,358
(palo 1500)	13944	3	18,200	-25,970	-258,437	-0,321	0,412
	13945	4	18,200	-26,306	-242,899	-0,410	0,477
	13946	5	18,200	-26,641	-227,252	-0,499	0,548
EmbeddedBeamRow_2_1	13946	1	18,200	-26,641	-227,252	-0,499	0,548
Element 3-56 (Embedded beam row)	13947	2	18,200	-26,981	-211,323	-0,588	0,625
(palo 1500)	13948	3	18,200	-27,321	-195,294	-0,677	0,704
	13949	4	18,200	-27,660	-179,171	-0,765	0,785
	13950	5	18,200	-28,000	-162,952	-0,852	0,868
EmbeddedBeamRow_2_1	13950	1	18,200	-28,000	-162,952	-0,852	0,868
Element 3-57 (Embedded beam row)	13951	2	18,200	-28,403	-143,604	-0,955	0,966
(palo 1500)	13952	3	18,200	-28,805	-124,108	-1,058	1,065

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	u_x [10^{-6} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	13953	4	18,200	-29,207	-104,443	-1,159	1,164
	13954	5	18,200	-29,610	-84,577	-1,259	1,262

3.3.1.1.1.7 Calculation results, Embedded beam row, rinfianco [Phase_9] (12/39), Table of total displacements

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
EmbeddedBeamRow_1_1	13724	1	10,400	-5,610	-0,074	9,181	9,181
Element 1-1 (Embedded beam row)	13725	2	10,400	-5,894	0,056	7,730	7,730
(palo 1500)	13726	3	10,400	-6,177	0,205	6,475	6,478
	13727	4	10,400	-6,461	0,373	5,383	5,396
	13728	5	10,400	-6,744	0,558	4,435	4,470
EmbeddedBeamRow_1_1	13728	1	10,400	-6,744	0,558	4,435	4,470
Element 1-2 (Embedded beam row)	13729	2	10,400	-7,057	0,583	4,033	4,075
(palo 1500)	13730	3	10,400	-7,369	0,611	3,674	3,724
	13731	4	10,400	-7,682	0,645	3,337	3,398
	13732	5	10,400	-7,994	0,685	3,018	3,095
EmbeddedBeamRow_1_1	13732	1	10,400	-7,994	0,685	3,018	3,095
Element 1-3 (Embedded beam row)	13733	2	10,400	-8,307	0,733	2,712	2,810
(palo 1500)	13734	3	10,400	-8,619	0,787	2,418	2,542
	13735	4	10,400	-8,932	0,840	2,129	2,289
	13736	5	10,400	-9,244	0,890	1,844	2,048
EmbeddedBeamRow_1_1	13736	1	10,400	-9,244	0,890	1,844	2,048
Element 1-4 (Embedded beam row)	13737	2	10,400	-9,557	0,938	1,564	1,823
(palo 1500)	13738	3	10,400	-9,869	0,984	1,286	1,619
	13739	4	10,400	-10,182	1,027	1,013	1,443
	13740	5	10,400	-10,494	1,069	0,743	1,302
EmbeddedBeamRow_1_1	13740	1	10,400	-10,494	1,069	0,743	1,302
Element 1-5 (Embedded beam row)	13741	2	10,400	-10,807	1,109	0,476	1,207
(palo 1500)	13742	3	10,400	-11,119	1,148	0,213	1,168

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	13743	4	10,400	-11,432	1,185	-0,046	1,186
	13744	5	10,400	-11,744	1,222	-0,300	1,258
EmbeddedBeamRow_1_1	13744	1	10,400	-11,744	1,222	-0,300	1,258
Element 1-6 (Embedded beam row)	13745	2	10,400	-12,038	1,231	-0,463	1,315
(palo 1500)	13746	3	10,400	-12,331	1,239	-0,623	1,387
	13747	4	10,400	-12,624	1,245	-0,782	1,470
	13748	5	10,400	-12,918	1,252	-0,938	1,564
EmbeddedBeamRow_1_1	13748	1	10,400	-12,918	1,252	-0,938	1,564
Element 1-7 (Embedded beam row)	13749	2	10,400	-13,214	1,257	-1,094	1,667
(palo 1500)	13750	3	10,400	-13,510	1,262	-1,248	1,775
	13751	4	10,400	-13,807	1,266	-1,401	1,888
	13752	5	10,400	-14,103	1,270	-1,551	2,004
EmbeddedBeamRow_1_1	13752	1	10,400	-14,103	1,270	-1,551	2,004
Element 1-8 (Embedded beam row)	13753	2	10,400	-14,403	1,272	-1,701	2,124
(palo 1500)	13754	3	10,400	-14,702	1,275	-1,849	2,246
	13755	4	10,400	-15,002	1,276	-1,995	2,368
	13756	5	10,400	-15,302	1,277	-2,139	2,492
EmbeddedBeamRow_1_1	13756	1	10,400	-15,302	1,277	-2,139	2,492
Element 1-9 (Embedded beam row)	13757	2	10,400	-15,604	1,278	-2,283	2,616
(palo 1500)	13758	3	10,400	-15,907	1,278	-2,424	2,741
	13759	4	10,400	-16,210	1,277	-2,564	2,865
	13760	5	10,400	-16,512	1,276	-2,702	2,988
EmbeddedBeamRow_1_1	13760	1	10,400	-16,512	1,276	-2,702	2,988
Element 1-10 (Embedded beam row)	13761	2	10,400	-16,818	1,274	-2,839	3,112
(palo 1500)	13762	3	10,400	-17,124	1,272	-2,975	3,235
	13763	4	10,400	-17,430	1,269	-3,108	3,357

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	13764	5	10,400	-17,736	1,265	-3,240	3,479
EmbeddedBeamRow_1_1	13764	1	10,400	-17,736	1,265	-3,240	3,479
Element 1-11 (Embedded beam row)	13765	2	10,400	-18,045	1,261	-3,371	3,600
(palo 1500)	13766	3	10,400	-18,354	1,257	-3,501	3,720
	13767	4	10,400	-18,663	1,251	-3,629	3,838
	13768	5	10,400	-18,973	1,245	-3,755	3,956
EmbeddedBeamRow_1_1	13768	1	10,400	-18,973	1,245	-3,755	3,956
Element 1-12 (Embedded beam row)	13769	2	10,400	-19,285	1,239	-3,880	4,073
(palo 1500)	13770	3	10,400	-19,597	1,231	-4,004	4,189
	13771	4	10,400	-19,910	1,223	-4,126	4,304
	13772	5	10,400	-20,222	1,214	-4,247	4,417
EmbeddedBeamRow_1_1	13772	1	10,400	-20,222	1,214	-4,247	4,417
Element 1-13 (Embedded beam row)	13773	2	10,400	-20,538	1,205	-4,367	4,530
(palo 1500)	13774	3	10,400	-20,853	1,194	-4,486	4,642
	13775	4	10,400	-21,169	1,183	-4,603	4,752
	13776	5	10,400	-21,485	1,170	-4,718	4,861
EmbeddedBeamRow_1_1	13776	1	10,400	-21,485	1,170	-4,718	4,861
Element 1-14 (Embedded beam row)	13777	2	10,400	-21,804	1,157	-4,834	4,970
(palo 1500)	13778	3	10,400	-22,123	1,143	-4,948	5,078
	13779	4	10,400	-22,442	1,128	-5,060	5,184
	13780	5	10,400	-22,761	1,112	-5,171	5,289
EmbeddedBeamRow_1_1	13780	1	10,400	-22,761	1,112	-5,171	5,289
Element 1-15 (Embedded beam row)	13781	2	10,400	-23,083	1,095	-5,282	5,394
(palo 1500)	13782	3	10,400	-23,405	1,077	-5,391	5,498
	13783	4	10,400	-23,728	1,058	-5,500	5,600
	13784	5	10,400	-24,050	1,038	-5,607	5,702

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
EmbeddedBeamRow_1_1	13784	1	10,400	-24,050	1,038	-5,607	5,702
Element 1-16 (Embedded beam row)	13785	2	10,400	-24,376	1,016	-5,713	5,803
(palo 1500)	13786	3	10,400	-24,701	0,994	-5,819	5,903
	13787	4	10,400	-25,027	0,970	-5,924	6,003
	13788	5	10,400	-25,353	0,946	-6,027	6,101
EmbeddedBeamRow_1_1	13788	1	10,400	-25,353	0,946	-6,027	6,101
Element 1-17 (Embedded beam row)	13789	2	10,400	-25,682	0,920	-6,130	6,199
(palo 1500)	13790	3	10,400	-26,011	0,894	-6,233	6,296
	13791	4	10,400	-26,340	0,866	-6,334	6,393
	13792	5	10,400	-26,670	0,837	-6,434	6,489
EmbeddedBeamRow_1_1	13792	1	10,400	-26,670	0,837	-6,434	6,489
Element 1-18 (Embedded beam row)	13793	2	10,400	-27,002	0,808	-6,535	6,584
(palo 1500)	13794	3	10,400	-27,335	0,777	-6,634	6,680
	13795	4	10,400	-27,667	0,746	-6,733	6,774
	13796	5	10,400	-28,000	0,715	-6,830	6,868
EmbeddedBeamRow_1_1	13796	1	10,400	-28,000	0,715	-6,830	6,868
Element 1-19 (Embedded beam row)	13797	2	10,400	-28,403	0,675	-6,947	6,980
(palo 1500)	13798	3	10,400	-28,805	0,635	-7,063	7,092
	13799	4	10,400	-29,207	0,595	-7,178	7,203
	13800	5	10,400	-29,610	0,554	-7,290	7,311
EmbeddedBeamRow_3_1	13801	1	14,300	-5,610	0,017	8,539	8,539
Element 2-20 (Embedded beam row)	13802	2	14,300	-6,010	0,182	6,848	6,850
(palo 1500)	13803	3	14,300	-6,411	0,368	5,470	5,483
	13804	4	14,300	-6,811	0,576	4,335	4,373
	13805	5	14,300	-7,211	0,791	3,326	3,419
EmbeddedBeamRow_3_1	13805	1	14,300	-7,211	0,791	3,326	3,419

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
Element 2-21 (Embedded beam row)	13806	2	14,300	-7,524	0,783	3,038	3,137
(palo 1500)	13807	3	14,300	-7,836	0,774	2,771	2,877
	13808	4	14,300	-8,149	0,766	2,510	2,624
	13809	5	14,300	-8,461	0,758	2,252	2,376
EmbeddedBeamRow_3_1	13809	1	14,300	-8,461	0,758	2,252	2,376
Element 2-22 (Embedded beam row)	13810	2	14,300	-8,774	0,751	1,997	2,134
(palo 1500)	13811	3	14,300	-9,086	0,744	1,746	1,898
	13812	4	14,300	-9,399	0,739	1,498	1,671
	13813	5	14,300	-9,711	0,735	1,254	1,453
EmbeddedBeamRow_3_1	13813	1	14,300	-9,711	0,735	1,254	1,453
Element 2-23 (Embedded beam row)	13814	2	14,300	-10,024	0,732	1,012	1,249
(palo 1500)	13815	3	14,300	-10,336	0,731	0,774	1,065
	13816	4	14,300	-10,649	0,733	0,539	0,910
	13817	5	14,300	-10,961	0,736	0,307	0,798
EmbeddedBeamRow_3_1	13817	1	14,300	-10,961	0,736	0,307	0,798
Element 2-24 (Embedded beam row)	13818	2	14,300	-11,274	0,742	0,078	0,746
(palo 1500)	13819	3	14,300	-11,586	0,750	-0,147	0,765
	13820	4	14,300	-11,899	0,761	-0,370	0,846
	13821	5	14,300	-12,211	0,775	-0,589	0,973
EmbeddedBeamRow_3_1	13821	1	14,300	-12,211	0,775	-0,589	0,973
Element 2-25 (Embedded beam row)	13822	2	14,300	-12,496	0,757	-0,726	1,049
(palo 1500)	13823	3	14,300	-12,781	0,740	-0,861	1,135
	13824	4	14,300	-13,066	0,724	-0,995	1,230
	13825	5	14,300	-13,351	0,709	-1,127	1,331
EmbeddedBeamRow_3_1	13825	1	14,300	-13,351	0,709	-1,127	1,331
Element 2-26 (Embedded beam row)	13826	2	14,300	-13,639	0,696	-1,258	1,438

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
(palo 1500)	13827	3	14,300	-13,927	0,683	-1,389	1,548
	13828	4	14,300	-14,215	0,672	-1,518	1,660
	13829	5	14,300	-14,503	0,662	-1,645	1,774
EmbeddedBeamRow_3_1	13829	1	14,300	-14,503	0,662	-1,645	1,774
Element 2-27 (Embedded beam row)	13830	2	14,300	-14,794	0,653	-1,773	1,889
(palo 1500)	13831	3	14,300	-15,084	0,645	-1,899	2,005
	13832	4	14,300	-15,375	0,639	-2,023	2,122
	13833	5	14,300	-15,666	0,633	-2,146	2,238
EmbeddedBeamRow_3_1	13833	1	14,300	-15,666	0,633	-2,146	2,238
Element 2-28 (Embedded beam row)	13834	2	14,300	-15,960	0,628	-2,270	2,355
(palo 1500)	13835	3	14,300	-16,254	0,625	-2,391	2,472
	13836	4	14,300	-16,548	0,622	-2,512	2,588
	13837	5	14,300	-16,842	0,620	-2,631	2,703
EmbeddedBeamRow_3_1	13837	1	14,300	-16,842	0,620	-2,631	2,703
Element 2-29 (Embedded beam row)	13838	2	14,300	-17,140	0,619	-2,750	2,819
(palo 1500)	13839	3	14,300	-17,437	0,619	-2,868	2,934
	13840	4	14,300	-17,734	0,620	-2,985	3,048
	13841	5	14,300	-18,031	0,622	-3,100	3,162
EmbeddedBeamRow_3_1	13841	1	14,300	-18,031	0,622	-3,100	3,162
Element 2-30 (Embedded beam row)	13842	2	14,300	-18,331	0,624	-3,215	3,275
(palo 1500)	13843	3	14,300	-18,631	0,626	-3,329	3,388
	13844	4	14,300	-18,932	0,630	-3,442	3,499
	13845	5	14,300	-19,232	0,634	-3,554	3,610
EmbeddedBeamRow_3_1	13845	1	14,300	-19,232	0,634	-3,554	3,610
Element 2-31 (Embedded beam row)	13846	2	14,300	-19,535	0,638	-3,665	3,720
(palo 1500)	13847	3	14,300	-19,839	0,643	-3,776	3,830

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	13848	4	14,300	-20,142	0,648	-3,885	3,938
	13849	5	14,300	-20,445	0,654	-3,993	4,046
EmbeddedBeamRow_3_1	13849	1	14,300	-20,445	0,654	-3,993	4,046
Element 2-32 (Embedded beam row)	13850	2	14,300	-20,752	0,660	-4,101	4,153
(palo 1500)	13851	3	14,300	-21,059	0,666	-4,207	4,260
	13852	4	14,300	-21,365	0,672	-4,313	4,365
	13853	5	14,300	-21,672	0,679	-4,418	4,469
EmbeddedBeamRow_3_1	13853	1	14,300	-21,672	0,679	-4,418	4,469
Element 2-33 (Embedded beam row)	13854	2	14,300	-21,982	0,686	-4,522	4,574
(palo 1500)	13855	3	14,300	-22,291	0,693	-4,626	4,677
	13856	4	14,300	-22,601	0,701	-4,728	4,780
	13857	5	14,300	-22,911	0,708	-4,829	4,881
EmbeddedBeamRow_3_1	13857	1	14,300	-22,911	0,708	-4,829	4,881
Element 2-34 (Embedded beam row)	13858	2	14,300	-23,224	0,715	-4,931	4,983
(palo 1500)	13859	3	14,300	-23,537	0,723	-5,031	5,083
	13860	4	14,300	-23,850	0,731	-5,131	5,183
	13861	5	14,300	-24,163	0,738	-5,229	5,281
EmbeddedBeamRow_3_1	13861	1	14,300	-24,163	0,738	-5,229	5,281
Element 2-35 (Embedded beam row)	13862	2	14,300	-24,480	0,746	-5,328	5,380
(palo 1500)	13863	3	14,300	-24,796	0,754	-5,426	5,478
	13864	4	14,300	-25,113	0,761	-5,522	5,575
	13865	5	14,300	-25,429	0,769	-5,618	5,671
EmbeddedBeamRow_3_1	13865	1	14,300	-25,429	0,769	-5,618	5,671
Element 2-36 (Embedded beam row)	13866	2	14,300	-25,749	0,776	-5,714	5,767
(palo 1500)	13867	3	14,300	-26,068	0,784	-5,810	5,862
	13868	4	14,300	-26,388	0,791	-5,904	5,957

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	13869	5	14,300	-26,708	0,798	-5,998	6,051
EmbeddedBeamRow_3_1	13869	1	14,300	-26,708	0,798	-5,998	6,051
Element 2-37 (Embedded beam row)	13870	2	14,300	-27,031	0,805	-6,091	6,144
(palo 1500)	13871	3	14,300	-27,354	0,812	-6,185	6,238
	13872	4	14,300	-27,677	0,818	-6,277	6,330
	13873	5	14,300	-28,000	0,825	-6,369	6,422
EmbeddedBeamRow_3_1	13873	1	14,300	-28,000	0,825	-6,369	6,422
Element 2-38 (Embedded beam row)	13874	2	14,300	-28,403	0,832	-6,482	6,535
(palo 1500)	13875	3	14,300	-28,805	0,840	-6,594	6,647
	13876	4	14,300	-29,207	0,847	-6,705	6,759
	13877	5	14,300	-29,610	0,854	-6,814	6,867
EmbeddedBeamRow_2_1	13878	1	18,200	-5,610	0,592	7,415	7,438
Element 3-39 (Embedded beam row)	13879	2	18,200	-5,885	0,623	6,355	6,385
(palo 1500)	13880	3	18,200	-6,159	0,661	5,440	5,480
	13881	4	18,200	-6,434	0,706	4,649	4,703
	13882	5	18,200	-6,709	0,759	3,959	4,031
EmbeddedBeamRow_2_1	13882	1	18,200	-6,709	0,759	3,959	4,031
Element 3-40 (Embedded beam row)	13883	2	18,200	-6,951	0,811	3,397	3,493
(palo 1500)	13884	3	18,200	-7,194	0,868	2,854	2,983
	13885	4	18,200	-7,436	0,932	2,330	2,510
	13886	5	18,200	-7,678	1,000	1,831	2,086
EmbeddedBeamRow_2_1	13886	1	18,200	-7,678	1,000	1,831	2,086
Element 3-41 (Embedded beam row)	13887	2	18,200	-7,991	0,915	1,598	1,842
(palo 1500)	13888	3	18,200	-8,303	0,834	1,381	1,614
	13889	4	18,200	-8,616	0,758	1,169	1,393
	13890	5	18,200	-8,928	0,689	0,960	1,181

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
EmbeddedBeamRow_2_1	13890	1	18,200	-8,928	0,689	0,960	1,181
Element 3-42 (Embedded beam row)	13891	2	18,200	-9,241	0,625	0,755	0,980
(palo 1500)	13892	3	18,200	-9,553	0,567	0,554	0,792
	13893	4	18,200	-9,866	0,515	0,356	0,626
	13894	5	18,200	-10,178	0,468	0,161	0,495
EmbeddedBeamRow_2_1	13894	1	18,200	-10,178	0,468	0,161	0,495
Element 3-43 (Embedded beam row)	13895	2	18,200	-10,491	0,428	-0,030	0,429
(palo 1500)	13896	3	18,200	-10,803	0,394	-0,218	0,450
	13897	4	18,200	-11,116	0,366	-0,403	0,544
	13898	5	18,200	-11,428	0,343	-0,585	0,679
EmbeddedBeamRow_2_1	13898	1	18,200	-11,428	0,343	-0,585	0,679
Element 3-44 (Embedded beam row)	13899	2	18,200	-11,741	0,327	-0,765	0,832
(palo 1500)	13900	3	18,200	-12,053	0,316	-0,942	0,994
	13901	4	18,200	-12,366	0,311	-1,116	1,159
	13902	5	18,200	-12,678	0,311	-1,288	1,325
EmbeddedBeamRow_2_1	13902	1	18,200	-12,678	0,311	-1,288	1,325
Element 3-45 (Embedded beam row)	13903	2	18,200	-12,978	0,274	-1,399	1,426
(palo 1500)	13904	3	18,200	-13,277	0,241	-1,508	1,527
	13905	4	18,200	-13,577	0,210	-1,616	1,629
	13906	5	18,200	-13,876	0,183	-1,722	1,732
EmbeddedBeamRow_2_1	13906	1	18,200	-13,876	0,183	-1,722	1,732
Element 3-46 (Embedded beam row)	13907	2	18,200	-14,179	0,158	-1,828	1,835
(palo 1500)	13908	3	18,200	-14,482	0,136	-1,933	1,938
	13909	4	18,200	-14,785	0,118	-2,037	2,041
	13910	5	18,200	-15,088	0,102	-2,140	2,142
EmbeddedBeamRow_2_1	13910	1	18,200	-15,088	0,102	-2,140	2,142

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
Element 3-47 (Embedded beam row)	13911	2	18,200	-15,395	0,089	-2,243	2,244
(palo 1500)	13912	3	18,200	-15,701	0,078	-2,344	2,346
	13913	4	18,200	-16,008	0,070	-2,445	2,446
	13914	5	18,200	-16,314	0,064	-2,545	2,546
EmbeddedBeamRow_2_1	13914	1	18,200	-16,314	0,064	-2,545	2,546
Element 3-48 (Embedded beam row)	13915	2	18,200	-16,624	0,061	-2,645	2,646
(palo 1500)	13916	3	18,200	-16,934	0,060	-2,744	2,744
	13917	4	18,200	-17,244	0,061	-2,842	2,842
	13918	5	18,200	-17,554	0,064	-2,939	2,939
EmbeddedBeamRow_2_1	13918	1	18,200	-17,554	0,064	-2,939	2,939
Element 3-49 (Embedded beam row)	13919	2	18,200	-17,868	0,069	-3,036	3,037
(palo 1500)	13920	3	18,200	-18,181	0,075	-3,132	3,133
	13921	4	18,200	-18,495	0,084	-3,228	3,229
	13922	5	18,200	-18,808	0,094	-3,323	3,324
EmbeddedBeamRow_2_1	13922	1	18,200	-18,808	0,094	-3,323	3,324
Element 3-50 (Embedded beam row)	13923	2	18,200	-19,125	0,105	-3,418	3,419
(palo 1500)	13924	3	18,200	-19,442	0,119	-3,512	3,514
	13925	4	18,200	-19,760	0,133	-3,605	3,608
	13926	5	18,200	-20,077	0,149	-3,698	3,701
EmbeddedBeamRow_2_1	13926	1	18,200	-20,077	0,149	-3,698	3,701
Element 3-51 (Embedded beam row)	13927	2	18,200	-20,398	0,166	-3,791	3,794
(palo 1500)	13928	3	18,200	-20,718	0,184	-3,883	3,887
	13929	4	18,200	-21,039	0,203	-3,974	3,979
	13930	5	18,200	-21,360	0,223	-4,065	4,071
EmbeddedBeamRow_2_1	13930	1	18,200	-21,360	0,223	-4,065	4,071
Element 3-52 (Embedded beam row)	13931	2	18,200	-21,684	0,244	-4,156	4,163

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
(palo 1500)	13932	3	18,200	-22,009	0,266	-4,246	4,255
	13933	4	18,200	-22,333	0,288	-4,336	4,345
	13934	5	18,200	-22,658	0,312	-4,425	4,436
EmbeddedBeamRow_2_1	13934	1	18,200	-22,658	0,312	-4,425	4,436
Element 3-53 (Embedded beam row)	13935	2	18,200	-22,986	0,336	-4,514	4,527
(palo 1500)	13936	3	18,200	-23,314	0,361	-4,603	4,617
	13937	4	18,200	-23,642	0,387	-4,691	4,707
	13938	5	18,200	-23,971	0,413	-4,779	4,796
EmbeddedBeamRow_2_1	13938	1	18,200	-23,971	0,413	-4,779	4,796
Element 3-54 (Embedded beam row)	13939	2	18,200	-24,302	0,439	-4,867	4,886
(palo 1500)	13940	3	18,200	-24,634	0,467	-4,954	4,976
	13941	4	18,200	-24,966	0,494	-5,041	5,065
	13942	5	18,200	-25,298	0,523	-5,127	5,154
EmbeddedBeamRow_2_1	13942	1	18,200	-25,298	0,523	-5,127	5,154
Element 3-55 (Embedded beam row)	13943	2	18,200	-25,634	0,551	-5,214	5,243
(palo 1500)	13944	3	18,200	-25,970	0,581	-5,300	5,332
	13945	4	18,200	-26,306	0,610	-5,386	5,420
	13946	5	18,200	-26,641	0,640	-5,471	5,508
EmbeddedBeamRow_2_1	13946	1	18,200	-26,641	0,640	-5,471	5,508
Element 3-56 (Embedded beam row)	13947	2	18,200	-26,981	0,670	-5,557	5,597
(palo 1500)	13948	3	18,200	-27,321	0,700	-5,642	5,685
	13949	4	18,200	-27,660	0,731	-5,727	5,773
	13950	5	18,200	-28,000	0,761	-5,812	5,861
EmbeddedBeamRow_2_1	13950	1	18,200	-28,000	0,761	-5,812	5,861
Element 3-57 (Embedded beam row)	13951	2	18,200	-28,403	0,798	-5,911	5,965
(palo 1500)	13952	3	18,200	-28,805	0,834	-6,010	6,068

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	13953	4	18,200	-29,207	0,871	-6,109	6,171
	13954	5	18,200	-29,610	0,908	-6,206	6,272

3.3.1.1.1.8 Calculation results, Embedded beam row, Versante - fase B [Phase_10] (10/43), Table of total displacements

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
EmbeddedBeamRow_1_1	13724	1	10,400	-5,610	3,527	1,220	3,732
Element 1-1 (Embedded beam row)	13725	2	10,400	-5,894	3,461	1,219	3,669
(palo 1500)	13726	3	10,400	-6,177	3,391	1,218	3,603
	13727	4	10,400	-6,461	3,317	1,217	3,534
	13728	5	10,400	-6,744	3,241	1,216	3,462
EmbeddedBeamRow_1_1	13728	1	10,400	-6,744	3,241	1,216	3,462
Element 1-2 (Embedded beam row)	13729	2	10,400	-7,057	3,154	1,214	3,379
(palo 1500)	13730	3	10,400	-7,369	3,063	1,213	3,295
	13731	4	10,400	-7,682	2,970	1,212	3,207
	13732	5	10,400	-7,994	2,874	1,211	3,118
EmbeddedBeamRow_1_1	13732	1	10,400	-7,994	2,874	1,211	3,118
Element 1-3 (Embedded beam row)	13733	2	10,400	-8,307	2,776	1,209	3,028
(palo 1500)	13734	3	10,400	-8,619	2,676	1,208	2,936
	13735	4	10,400	-8,932	2,574	1,207	2,843
	13736	5	10,400	-9,244	2,471	1,206	2,750
EmbeddedBeamRow_1_1	13736	1	10,400	-9,244	2,471	1,206	2,750
Element 1-4 (Embedded beam row)	13737	2	10,400	-9,557	2,367	1,204	2,656
(palo 1500)	13738	3	10,400	-9,869	2,262	1,203	2,562
	13739	4	10,400	-10,182	2,157	1,202	2,469
	13740	5	10,400	-10,494	2,051	1,200	2,377
EmbeddedBeamRow_1_1	13740	1	10,400	-10,494	2,051	1,200	2,377
Element 1-5 (Embedded beam row)	13741	2	10,400	-10,807	1,946	1,199	2,286
(palo 1500)	13742	3	10,400	-11,119	1,841	1,198	2,196

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	13743	4	10,400	-11,432	1,736	1,197	2,108
	13744	5	10,400	-11,744	1,631	1,195	2,023
EmbeddedBeamRow_1_1	13744	1	10,400	-11,744	1,631	1,195	2,023
Element 1-6 (Embedded beam row)	13745	2	10,400	-12,038	1,534	1,194	1,944
(palo 1500)	13746	3	10,400	-12,331	1,438	1,193	1,869
	13747	4	10,400	-12,624	1,343	1,192	1,796
	13748	5	10,400	-12,918	1,249	1,191	1,726
EmbeddedBeamRow_1_1	13748	1	10,400	-12,918	1,249	1,191	1,726
Element 1-7 (Embedded beam row)	13749	2	10,400	-13,214	1,156	1,189	1,659
(palo 1500)	13750	3	10,400	-13,510	1,064	1,188	1,595
	13751	4	10,400	-13,807	0,974	1,187	1,535
	13752	5	10,400	-14,103	0,885	1,186	1,480
EmbeddedBeamRow_1_1	13752	1	10,400	-14,103	0,885	1,186	1,480
Element 1-8 (Embedded beam row)	13753	2	10,400	-14,403	0,798	1,185	1,428
(palo 1500)	13754	3	10,400	-14,702	0,712	1,183	1,381
	13755	4	10,400	-15,002	0,628	1,182	1,339
	13756	5	10,400	-15,302	0,546	1,181	1,301
EmbeddedBeamRow_1_1	13756	1	10,400	-15,302	0,546	1,181	1,301
Element 1-9 (Embedded beam row)	13757	2	10,400	-15,604	0,466	1,180	1,269
(palo 1500)	13758	3	10,400	-15,907	0,388	1,179	1,241
	13759	4	10,400	-16,210	0,312	1,177	1,218
	13760	5	10,400	-16,512	0,238	1,176	1,200
EmbeddedBeamRow_1_1	13760	1	10,400	-16,512	0,238	1,176	1,200
Element 1-10 (Embedded beam row)	13761	2	10,400	-16,818	0,166	1,175	1,187
(palo 1500)	13762	3	10,400	-17,124	0,097	1,174	1,178
	13763	4	10,400	-17,430	0,030	1,172	1,173

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	13764	5	10,400	-17,736	-0,035	1,171	1,172
EmbeddedBeamRow_1_1	13764	1	10,400	-17,736	-0,035	1,171	1,172
Element 1-11 (Embedded beam row)	13765	2	10,400	-18,045	-0,098	1,170	1,174
(palo 1500)	13766	3	10,400	-18,354	-0,159	1,169	1,179
	13767	4	10,400	-18,663	-0,217	1,167	1,187
	13768	5	10,400	-18,973	-0,272	1,166	1,197
EmbeddedBeamRow_1_1	13768	1	10,400	-18,973	-0,272	1,166	1,197
Element 1-12 (Embedded beam row)	13769	2	10,400	-19,285	-0,326	1,165	1,209
(palo 1500)	13770	3	10,400	-19,597	-0,377	1,163	1,223
	13771	4	10,400	-19,910	-0,426	1,162	1,238
	13772	5	10,400	-20,222	-0,472	1,161	1,253
EmbeddedBeamRow_1_1	13772	1	10,400	-20,222	-0,472	1,161	1,253
Element 1-13 (Embedded beam row)	13773	2	10,400	-20,538	-0,517	1,160	1,269
(palo 1500)	13774	3	10,400	-20,853	-0,559	1,158	1,286
	13775	4	10,400	-21,169	-0,598	1,157	1,303
	13776	5	10,400	-21,485	-0,636	1,156	1,319
EmbeddedBeamRow_1_1	13776	1	10,400	-21,485	-0,636	1,156	1,319
Element 1-14 (Embedded beam row)	13777	2	10,400	-21,804	-0,672	1,154	1,336
(palo 1500)	13778	3	10,400	-22,123	-0,705	1,153	1,352
	13779	4	10,400	-22,442	-0,737	1,152	1,367
	13780	5	10,400	-22,761	-0,766	1,150	1,382
EmbeddedBeamRow_1_1	13780	1	10,400	-22,761	-0,766	1,150	1,382
Element 1-15 (Embedded beam row)	13781	2	10,400	-23,083	-0,794	1,149	1,397
(palo 1500)	13782	3	10,400	-23,405	-0,820	1,148	1,411
	13783	4	10,400	-23,728	-0,844	1,147	1,424
	13784	5	10,400	-24,050	-0,866	1,145	1,436

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
EmbeddedBeamRow_1_1	13784	1	10,400	-24,050	-0,866	1,145	1,436
Element 1-16 (Embedded beam row)	13785	2	10,400	-24,376	-0,887	1,144	1,448
(palo 1500)	13786	3	10,400	-24,701	-0,906	1,143	1,459
	13787	4	10,400	-25,027	-0,925	1,142	1,469
	13788	5	10,400	-25,353	-0,941	1,141	1,479
EmbeddedBeamRow_1_1	13788	1	10,400	-25,353	-0,941	1,141	1,479
Element 1-17 (Embedded beam row)	13789	2	10,400	-25,682	-0,957	1,139	1,488
(palo 1500)	13790	3	10,400	-26,011	-0,972	1,138	1,497
	13791	4	10,400	-26,340	-0,986	1,137	1,505
	13792	5	10,400	-26,670	-0,998	1,136	1,512
EmbeddedBeamRow_1_1	13792	1	10,400	-26,670	-0,998	1,136	1,512
Element 1-18 (Embedded beam row)	13793	2	10,400	-27,002	-1,011	1,135	1,520
(palo 1500)	13794	3	10,400	-27,335	-1,023	1,134	1,527
	13795	4	10,400	-27,667	-1,034	1,133	1,534
	13796	5	10,400	-28,000	-1,045	1,132	1,541
EmbeddedBeamRow_1_1	13796	1	10,400	-28,000	-1,045	1,132	1,541
Element 1-19 (Embedded beam row)	13797	2	10,400	-28,403	-1,058	1,131	1,549
(palo 1500)	13798	3	10,400	-28,805	-1,071	1,130	1,557
	13799	4	10,400	-29,207	-1,084	1,129	1,565
	13800	5	10,400	-29,610	-1,097	1,128	1,573
EmbeddedBeamRow_3_1	13801	1	14,300	-5,610	3,525	0,381	3,546
Element 2-20 (Embedded beam row)	13802	2	14,300	-6,010	3,434	0,381	3,455
(palo 1500)	13803	3	14,300	-6,411	3,335	0,380	3,357
	13804	4	14,300	-6,811	3,230	0,380	3,252
	13805	5	14,300	-7,211	3,118	0,380	3,141
EmbeddedBeamRow_3_1	13805	1	14,300	-7,211	3,118	0,380	3,141

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
Element 2-21 (Embedded beam row)	13806	2	14,300	-7,524	3,028	0,380	3,052
(palo 1500)	13807	3	14,300	-7,836	2,935	0,379	2,960
	13808	4	14,300	-8,149	2,840	0,379	2,865
	13809	5	14,300	-8,461	2,743	0,379	2,769
EmbeddedBeamRow_3_1	13809	1	14,300	-8,461	2,743	0,379	2,769
Element 2-22 (Embedded beam row)	13810	2	14,300	-8,774	2,644	0,378	2,671
(palo 1500)	13811	3	14,300	-9,086	2,544	0,378	2,572
	13812	4	14,300	-9,399	2,444	0,378	2,473
	13813	5	14,300	-9,711	2,342	0,378	2,372
EmbeddedBeamRow_3_1	13813	1	14,300	-9,711	2,342	0,378	2,372
Element 2-23 (Embedded beam row)	13814	2	14,300	-10,024	2,241	0,377	2,272
(palo 1500)	13815	3	14,300	-10,336	2,139	0,377	2,172
	13816	4	14,300	-10,649	2,037	0,377	2,072
	13817	5	14,300	-10,961	1,936	0,377	1,972
EmbeddedBeamRow_3_1	13817	1	14,300	-10,961	1,936	0,377	1,972
Element 2-24 (Embedded beam row)	13818	2	14,300	-11,274	1,836	0,376	1,874
(palo 1500)	13819	3	14,300	-11,586	1,736	0,376	1,776
	13820	4	14,300	-11,899	1,637	0,376	1,680
	13821	5	14,300	-12,211	1,540	0,376	1,585
EmbeddedBeamRow_3_1	13821	1	14,300	-12,211	1,540	0,376	1,585
Element 2-25 (Embedded beam row)	13822	2	14,300	-12,496	1,452	0,375	1,500
(palo 1500)	13823	3	14,300	-12,781	1,366	0,375	1,417
	13824	4	14,300	-13,066	1,281	0,375	1,335
	13825	5	14,300	-13,351	1,198	0,375	1,255
EmbeddedBeamRow_3_1	13825	1	14,300	-13,351	1,198	0,375	1,255
Element 2-26 (Embedded beam row)	13826	2	14,300	-13,639	1,115	0,374	1,176

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
(palo 1500)	13827	3	14,300	-13,927	1,034	0,374	1,100
	13828	4	14,300	-14,215	0,955	0,374	1,025
	13829	5	14,300	-14,503	0,877	0,374	0,954
EmbeddedBeamRow_3_1	13829	1	14,300	-14,503	0,877	0,374	0,954
Element 2-27 (Embedded beam row)	13830	2	14,300	-14,794	0,801	0,374	0,884
(palo 1500)	13831	3	14,300	-15,084	0,726	0,373	0,817
	13832	4	14,300	-15,375	0,654	0,373	0,753
	13833	5	14,300	-15,666	0,583	0,373	0,692
EmbeddedBeamRow_3_1	13833	1	14,300	-15,666	0,583	0,373	0,692
Element 2-28 (Embedded beam row)	13834	2	14,300	-15,960	0,514	0,373	0,635
(palo 1500)	13835	3	14,300	-16,254	0,446	0,372	0,581
	13836	4	14,300	-16,548	0,381	0,372	0,533
	13837	5	14,300	-16,842	0,318	0,372	0,489
EmbeddedBeamRow_3_1	13837	1	14,300	-16,842	0,318	0,372	0,489
Element 2-29 (Embedded beam row)	13838	2	14,300	-17,140	0,256	0,372	0,452
(palo 1500)	13839	3	14,300	-17,437	0,197	0,372	0,420
	13840	4	14,300	-17,734	0,139	0,371	0,397
	13841	5	14,300	-18,031	0,084	0,371	0,381
EmbeddedBeamRow_3_1	13841	1	14,300	-18,031	0,084	0,371	0,381
Element 2-30 (Embedded beam row)	13842	2	14,300	-18,331	0,030	0,371	0,372
(palo 1500)	13843	3	14,300	-18,631	-0,022	0,371	0,371
	13844	4	14,300	-18,932	-0,072	0,371	0,377
	13845	5	14,300	-19,232	-0,120	0,370	0,389
EmbeddedBeamRow_3_1	13845	1	14,300	-19,232	-0,120	0,370	0,389
Element 2-31 (Embedded beam row)	13846	2	14,300	-19,535	-0,166	0,370	0,406
(palo 1500)	13847	3	14,300	-19,839	-0,210	0,370	0,425

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	13848	4	14,300	-20,142	-0,252	0,370	0,448
	13849	5	14,300	-20,445	-0,292	0,369	0,471
EmbeddedBeamRow_3_1	13849	1	14,300	-20,445	-0,292	0,369	0,471
Element 2-32 (Embedded beam row)	13850	2	14,300	-20,752	-0,331	0,369	0,496
(palo 1500)	13851	3	14,300	-21,059	-0,368	0,369	0,521
	13852	4	14,300	-21,365	-0,403	0,369	0,546
	13853	5	14,300	-21,672	-0,436	0,369	0,571
EmbeddedBeamRow_3_1	13853	1	14,300	-21,672	-0,436	0,369	0,571
Element 2-33 (Embedded beam row)	13854	2	14,300	-21,982	-0,468	0,368	0,596
(palo 1500)	13855	3	14,300	-22,291	-0,499	0,368	0,620
	13856	4	14,300	-22,601	-0,527	0,368	0,643
	13857	5	14,300	-22,911	-0,554	0,368	0,665
EmbeddedBeamRow_3_1	13857	1	14,300	-22,911	-0,554	0,368	0,665
Element 2-34 (Embedded beam row)	13858	2	14,300	-23,224	-0,580	0,367	0,686
(palo 1500)	13859	3	14,300	-23,537	-0,604	0,367	0,707
	13860	4	14,300	-23,850	-0,627	0,367	0,727
	13861	5	14,300	-24,163	-0,649	0,367	0,745
EmbeddedBeamRow_3_1	13861	1	14,300	-24,163	-0,649	0,367	0,745
Element 2-35 (Embedded beam row)	13862	2	14,300	-24,480	-0,669	0,367	0,763
(palo 1500)	13863	3	14,300	-24,796	-0,689	0,366	0,780
	13864	4	14,300	-25,113	-0,707	0,366	0,796
	13865	5	14,300	-25,429	-0,724	0,366	0,812
EmbeddedBeamRow_3_1	13865	1	14,300	-25,429	-0,724	0,366	0,812
Element 2-36 (Embedded beam row)	13866	2	14,300	-25,749	-0,741	0,366	0,826
(palo 1500)	13867	3	14,300	-26,068	-0,757	0,365	0,841
	13868	4	14,300	-26,388	-0,772	0,365	0,854

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	13869	5	14,300	-26,708	-0,787	0,365	0,867
EmbeddedBeamRow_3_1	13869	1	14,300	-26,708	-0,787	0,365	0,867
Element 2-37 (Embedded beam row)	13870	2	14,300	-27,031	-0,801	0,365	0,880
(palo 1500)	13871	3	14,300	-27,354	-0,815	0,365	0,892
	13872	4	14,300	-27,677	-0,828	0,364	0,905
	13873	5	14,300	-28,000	-0,841	0,364	0,917
EmbeddedBeamRow_3_1	13873	1	14,300	-28,000	-0,841	0,364	0,917
Element 2-38 (Embedded beam row)	13874	2	14,300	-28,403	-0,857	0,364	0,931
(palo 1500)	13875	3	14,300	-28,805	-0,873	0,364	0,946
	13876	4	14,300	-29,207	-0,889	0,363	0,961
	13877	5	14,300	-29,610	-0,905	0,363	0,975
EmbeddedBeamRow_2_1	13878	1	18,200	-5,610	3,522	-0,426	3,548
Element 3-39 (Embedded beam row)	13879	2	18,200	-5,885	3,460	-0,424	3,486
(palo 1500)	13880	3	18,200	-6,159	3,393	-0,423	3,420
	13881	4	18,200	-6,434	3,323	-0,422	3,350
	13882	5	18,200	-6,709	3,249	-0,420	3,276
EmbeddedBeamRow_2_1	13882	1	18,200	-6,709	3,249	-0,420	3,276
Element 3-40 (Embedded beam row)	13883	2	18,200	-6,951	3,181	-0,419	3,208
(palo 1500)	13884	3	18,200	-7,194	3,111	-0,418	3,139
	13885	4	18,200	-7,436	3,038	-0,417	3,067
	13886	5	18,200	-7,678	2,964	-0,416	2,993
EmbeddedBeamRow_2_1	13886	1	18,200	-7,678	2,964	-0,416	2,993
Element 3-41 (Embedded beam row)	13887	2	18,200	-7,991	2,867	-0,415	2,897
(palo 1500)	13888	3	18,200	-8,303	2,767	-0,413	2,798
	13889	4	18,200	-8,616	2,666	-0,412	2,698
	13890	5	18,200	-8,928	2,564	-0,410	2,596

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
EmbeddedBeamRow_2_1	13890	1	18,200	-8,928	2,564	-0,410	2,596
Element 3-42 (Embedded beam row)	13891	2	18,200	-9,241	2,461	-0,409	2,494
(palo 1500)	13892	3	18,200	-9,553	2,357	-0,407	2,392
	13893	4	18,200	-9,866	2,254	-0,406	2,290
	13894	5	18,200	-10,178	2,151	-0,405	2,189
EmbeddedBeamRow_2_1	13894	1	18,200	-10,178	2,151	-0,405	2,189
Element 3-43 (Embedded beam row)	13895	2	18,200	-10,491	2,049	-0,403	2,088
(palo 1500)	13896	3	18,200	-10,803	1,947	-0,402	1,988
	13897	4	18,200	-11,116	1,847	-0,401	1,890
	13898	5	18,200	-11,428	1,748	-0,399	1,793
EmbeddedBeamRow_2_1	13898	1	18,200	-11,428	1,748	-0,399	1,793
Element 3-44 (Embedded beam row)	13899	2	18,200	-11,741	1,650	-0,398	1,697
(palo 1500)	13900	3	18,200	-12,053	1,554	-0,396	1,604
	13901	4	18,200	-12,366	1,460	-0,395	1,513
	13902	5	18,200	-12,678	1,368	-0,394	1,423
EmbeddedBeamRow_2_1	13902	1	18,200	-12,678	1,368	-0,394	1,423
Element 3-45 (Embedded beam row)	13903	2	18,200	-12,978	1,282	-0,393	1,340
(palo 1500)	13904	3	18,200	-13,277	1,197	-0,391	1,260
	13905	4	18,200	-13,577	1,115	-0,390	1,181
	13906	5	18,200	-13,876	1,035	-0,389	1,106
EmbeddedBeamRow_2_1	13906	1	18,200	-13,876	1,035	-0,389	1,106
Element 3-46 (Embedded beam row)	13907	2	18,200	-14,179	0,957	-0,388	1,032
(palo 1500)	13908	3	18,200	-14,482	0,880	-0,386	0,961
	13909	4	18,200	-14,785	0,806	-0,385	0,893
	13910	5	18,200	-15,088	0,735	-0,384	0,829
EmbeddedBeamRow_2_1	13910	1	18,200	-15,088	0,735	-0,384	0,829

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
Element 3-47 (Embedded beam row)	13911	2	18,200	-15,395	0,664	-0,383	0,767
(palo 1500)	13912	3	18,200	-15,701	0,597	-0,381	0,708
	13913	4	18,200	-16,008	0,531	-0,380	0,653
	13914	5	18,200	-16,314	0,468	-0,379	0,602
EmbeddedBeamRow_2_1	13914	1	18,200	-16,314	0,468	-0,379	0,602
Element 3-48 (Embedded beam row)	13915	2	18,200	-16,624	0,407	-0,378	0,555
(palo 1500)	13916	3	18,200	-16,934	0,348	-0,377	0,512
	13917	4	18,200	-17,244	0,291	-0,375	0,475
	13918	5	18,200	-17,554	0,236	-0,374	0,442
EmbeddedBeamRow_2_1	13918	1	18,200	-17,554	0,236	-0,374	0,442
Element 3-49 (Embedded beam row)	13919	2	18,200	-17,868	0,183	-0,373	0,416
(palo 1500)	13920	3	18,200	-18,181	0,132	-0,372	0,395
	13921	4	18,200	-18,495	0,084	-0,371	0,380
	13922	5	18,200	-18,808	0,037	-0,370	0,371
EmbeddedBeamRow_2_1	13922	1	18,200	-18,808	0,037	-0,370	0,371
Element 3-50 (Embedded beam row)	13923	2	18,200	-19,125	-0,008	-0,368	0,368
(palo 1500)	13924	3	18,200	-19,442	-0,050	-0,367	0,371
	13925	4	18,200	-19,760	-0,091	-0,366	0,377
	13926	5	18,200	-20,077	-0,130	-0,365	0,388
EmbeddedBeamRow_2_1	13926	1	18,200	-20,077	-0,130	-0,365	0,388
Element 3-51 (Embedded beam row)	13927	2	18,200	-20,398	-0,168	-0,364	0,401
(palo 1500)	13928	3	18,200	-20,718	-0,203	-0,363	0,416
	13929	4	18,200	-21,039	-0,237	-0,362	0,432
	13930	5	18,200	-21,360	-0,269	-0,361	0,450
EmbeddedBeamRow_2_1	13930	1	18,200	-21,360	-0,269	-0,361	0,450
Element 3-52 (Embedded beam row)	13931	2	18,200	-21,684	-0,299	-0,360	0,468

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
(palo 1500)	13932	3	18,200	-22,009	-0,328	-0,359	0,486
	13933	4	18,200	-22,333	-0,355	-0,358	0,504
	13934	5	18,200	-22,658	-0,381	-0,357	0,522
EmbeddedBeamRow_2_1	13934	1	18,200	-22,658	-0,381	-0,357	0,522
Element 3-53 (Embedded beam row)	13935	2	18,200	-22,986	-0,406	-0,356	0,540
(palo 1500)	13936	3	18,200	-23,314	-0,429	-0,355	0,557
	13937	4	18,200	-23,642	-0,450	-0,354	0,573
	13938	5	18,200	-23,971	-0,471	-0,353	0,588
EmbeddedBeamRow_2_1	13938	1	18,200	-23,971	-0,471	-0,353	0,588
Element 3-54 (Embedded beam row)	13939	2	18,200	-24,302	-0,490	-0,352	0,604
(palo 1500)	13940	3	18,200	-24,634	-0,508	-0,351	0,618
	13941	4	18,200	-24,966	-0,526	-0,350	0,632
	13942	5	18,200	-25,298	-0,542	-0,350	0,645
EmbeddedBeamRow_2_1	13942	1	18,200	-25,298	-0,542	-0,350	0,645
Element 3-55 (Embedded beam row)	13943	2	18,200	-25,634	-0,557	-0,349	0,657
(palo 1500)	13944	3	18,200	-25,970	-0,572	-0,348	0,670
	13945	4	18,200	-26,306	-0,586	-0,347	0,681
	13946	5	18,200	-26,641	-0,599	-0,347	0,692
EmbeddedBeamRow_2_1	13946	1	18,200	-26,641	-0,599	-0,347	0,692
Element 3-56 (Embedded beam row)	13947	2	18,200	-26,981	-0,612	-0,346	0,703
(palo 1500)	13948	3	18,200	-27,321	-0,625	-0,345	0,714
	13949	4	18,200	-27,660	-0,637	-0,345	0,724
	13950	5	18,200	-28,000	-0,649	-0,344	0,734
EmbeddedBeamRow_2_1	13950	1	18,200	-28,000	-0,649	-0,344	0,734
Element 3-57 (Embedded beam row)	13951	2	18,200	-28,403	-0,663	-0,343	0,746
(palo 1500)	13952	3	18,200	-28,805	-0,676	-0,343	0,758

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	13953	4	18,200	-29,207	-0,690	-0,342	0,770
	13954	5	18,200	-29,610	-0,704	-0,342	0,782

3.3.1.2.1.6 Calculation results, Embedded beam row, costruzione plinto [Phase_5] (5/27), Table of relative total displacements

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
EmbeddedBeamRow_1_1	13724	1	10,400	-5,610	0,000	0,000	0,000
Element 1-1 (Embedded beam row)	13725	2	10,400	-5,894	-99,814	0,000	0,000
(palo 1500)	13726	3	10,400	-6,177	-167,170	0,000	0,000
	13727	4	10,400	-6,461	-213,105	0,000	0,000
	13728	5	10,400	-6,744	-245,101	0,000	0,000
EmbeddedBeamRow_1_1	13728	1	10,400	-6,744	-245,101	0,000	0,000
Element 1-2 (Embedded beam row)	13729	2	10,400	-7,057	-233,111	0,000	0,000
(palo 1500)	13730	3	10,400	-7,369	-222,645	0,000	0,000
	13731	4	10,400	-7,682	-211,537	0,000	0,000
	13732	5	10,400	-7,994	-200,274	0,000	0,000
EmbeddedBeamRow_1_1	13732	1	10,400	-7,994	-200,274	0,000	0,000
Element 1-3 (Embedded beam row)	13733	2	10,400	-8,307	-189,087	0,000	0,000
(palo 1500)	13734	3	10,400	-8,619	-178,269	0,000	0,000
	13735	4	10,400	-8,932	-167,627	0,000	0,000
	13736	5	10,400	-9,244	-157,442	0,000	0,000
EmbeddedBeamRow_1_1	13736	1	10,400	-9,244	-157,442	0,000	0,000
Element 1-4 (Embedded beam row)	13737	2	10,400	-9,557	-147,771	0,000	0,000
(palo 1500)	13738	3	10,400	-9,869	-138,685	0,000	0,000
	13739	4	10,400	-10,182	-130,232	0,000	0,000
	13740	5	10,400	-10,494	-122,445	0,000	0,000
EmbeddedBeamRow_1_1	13740	1	10,400	-10,494	-122,445	0,000	0,000
Element 1-5 (Embedded beam row)	13741	2	10,400	-10,807	-115,337	0,000	0,000
(palo 1500)	13742	3	10,400	-11,119	-108,931	0,000	0,000

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
	13743	4	10,400	-11,432	-103,214	0,000	0,000
	13744	5	10,400	-11,744	-98,205	0,000	0,000
EmbeddedBeamRow_1_1	13744	1	10,400	-11,744	-98,205	0,000	0,000
Element 1-6 (Embedded beam row)	13745	2	10,400	-12,038	-85,264	0,000	0,000
(palo 1500)	13746	3	10,400	-12,331	-74,241	0,000	0,000
	13747	4	10,400	-12,624	-64,348	0,000	0,000
	13748	5	10,400	-12,918	-55,355	0,000	0,000
EmbeddedBeamRow_1_1	13748	1	10,400	-12,918	-55,355	0,000	0,000
Element 1-7 (Embedded beam row)	13749	2	10,400	-13,214	-47,141	0,000	0,000
(palo 1500)	13750	3	10,400	-13,510	-39,718	0,000	0,000
	13751	4	10,400	-13,807	-33,038	0,000	0,000
	13752	5	10,400	-14,103	-27,033	0,000	0,000
EmbeddedBeamRow_1_1	13752	1	10,400	-14,103	-27,033	0,000	0,000
Element 1-8 (Embedded beam row)	13753	2	10,400	-14,403	-21,609	0,000	0,000
(palo 1500)	13754	3	10,400	-14,702	-16,772	0,000	0,000
	13755	4	10,400	-15,002	-12,485	0,000	0,000
	13756	5	10,400	-15,302	-8,692	0,000	0,000
EmbeddedBeamRow_1_1	13756	1	10,400	-15,302	-8,692	0,000	0,000
Element 1-9 (Embedded beam row)	13757	2	10,400	-15,604	-5,325	0,000	0,000
(palo 1500)	13758	3	10,400	-15,907	-2,395	0,000	0,000
	13759	4	10,400	-16,210	0,124	0,000	0,000
	13760	5	10,400	-16,512	2,278	0,000	0,000
EmbeddedBeamRow_1_1	13760	1	10,400	-16,512	2,278	0,000	0,000
Element 1-10 (Embedded beam row)	13761	2	10,400	-16,818	4,114	0,000	0,000
(palo 1500)	13762	3	10,400	-17,124	5,627	0,000	0,000
	13763	4	10,400	-17,430	6,831	0,000	0,000

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
	13764	5	10,400	-17,736	7,763	0,000	0,000
EmbeddedBeamRow_1_1	13764	1	10,400	-17,736	7,763	0,000	0,000
Element 1-11 (Embedded beam row)	13765	2	10,400	-18,045	8,447	0,000	0,000
(palo 1500)	13766	3	10,400	-18,354	8,905	0,000	0,000
	13767	4	10,400	-18,663	9,156	0,000	0,000
	13768	5	10,400	-18,973	9,230	0,000	0,000
EmbeddedBeamRow_1_1	13768	1	10,400	-18,973	9,230	0,000	0,000
Element 1-12 (Embedded beam row)	13769	2	10,400	-19,285	9,143	-0,001	0,001
(palo 1500)	13770	3	10,400	-19,597	8,912	-0,001	0,001
	13771	4	10,400	-19,910	8,553	-0,001	0,001
	13772	5	10,400	-20,222	8,087	-0,001	0,001
EmbeddedBeamRow_1_1	13772	1	10,400	-20,222	8,087	-0,001	0,001
Element 1-13 (Embedded beam row)	13773	2	10,400	-20,538	7,521	-0,001	0,001
(palo 1500)	13774	3	10,400	-20,853	6,878	-0,001	0,001
	13775	4	10,400	-21,169	6,168	-0,001	0,001
	13776	5	10,400	-21,485	5,409	-0,001	0,001
EmbeddedBeamRow_1_1	13776	1	10,400	-21,485	5,409	-0,001	0,001
Element 1-14 (Embedded beam row)	13777	2	10,400	-21,804	4,604	-0,001	0,001
(palo 1500)	13778	3	10,400	-22,123	3,775	-0,001	0,001
	13779	4	10,400	-22,442	2,933	-0,001	0,001
	13780	5	10,400	-22,761	2,093	-0,001	0,001
EmbeddedBeamRow_1_1	13780	1	10,400	-22,761	2,093	-0,001	0,001
Element 1-15 (Embedded beam row)	13781	2	10,400	-23,083	1,260	-0,001	0,001
(palo 1500)	13782	3	10,400	-23,405	0,457	-0,001	0,001
	13783	4	10,400	-23,728	-0,301	-0,001	0,001
	13784	5	10,400	-24,050	-0,995	-0,001	0,001

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
EmbeddedBeamRow_1_1	13784	1	10,400	-24,050	-0,995	-0,001	0,001
Element 1-16 (Embedded beam row)	13785	2	10,400	-24,376	-1,612	-0,001	0,001
(palo 1500)	13786	3	10,400	-24,701	-2,125	-0,001	0,001
	13787	4	10,400	-25,027	-2,504	-0,001	0,001
	13788	5	10,400	-25,353	-2,729	-0,001	0,001
EmbeddedBeamRow_1_1	13788	1	10,400	-25,353	-2,729	-0,001	0,001
Element 1-17 (Embedded beam row)	13789	2	10,400	-25,682	-2,753	-0,001	0,001
(palo 1500)	13790	3	10,400	-26,011	-2,551	-0,001	0,001
	13791	4	10,400	-26,340	-2,080	-0,001	0,001
	13792	5	10,400	-26,670	-1,315	-0,001	0,001
EmbeddedBeamRow_1_1	13792	1	10,400	-26,670	-1,315	-0,001	0,001
Element 1-18 (Embedded beam row)	13793	2	10,400	-27,002	-0,173	-0,001	0,001
(palo 1500)	13794	3	10,400	-27,335	1,297	-0,001	0,001
	13795	4	10,400	-27,667	3,226	-0,001	0,001
	13796	5	10,400	-28,000	6,018	-0,001	0,001
EmbeddedBeamRow_1_1	13796	1	10,400	-28,000	6,018	-0,001	0,001
Element 1-19 (Embedded beam row)	13797	2	10,400	-28,403	7,205	-0,001	0,001
(palo 1500)	13798	3	10,400	-28,805	8,485	-0,001	0,001
	13799	4	10,400	-29,207	10,479	-0,001	0,001
	13800	5	10,400	-29,610	21,550	-0,001	0,001
EmbeddedBeamRow_3_1	13801	1	14,300	-5,610	0,000	0,000	0,000
Element 2-20 (Embedded beam row)	13802	2	14,300	-6,010	-1,371	0,000	0,000
(palo 1500)	13803	3	14,300	-6,411	-0,300	0,000	0,000
	13804	4	14,300	-6,811	0,804	0,000	0,000
	13805	5	14,300	-7,211	1,505	0,000	0,000
EmbeddedBeamRow_3_1	13805	1	14,300	-7,211	1,505	0,000	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
Element 2-21 (Embedded beam row)	13806	2	14,300	-7,524	5,430	0,000	0,000
(palo 1500)	13807	3	14,300	-7,836	6,996	0,000	0,000
	13808	4	14,300	-8,149	7,987	0,000	0,000
	13809	5	14,300	-8,461	8,392	0,000	0,000
EmbeddedBeamRow_3_1	13809	1	14,300	-8,461	8,392	0,000	0,000
Element 2-22 (Embedded beam row)	13810	2	14,300	-8,774	8,469	0,000	0,000
(palo 1500)	13811	3	14,300	-9,086	8,376	0,000	0,000
	13812	4	14,300	-9,399	8,151	0,000	0,000
	13813	5	14,300	-9,711	7,817	0,000	0,000
EmbeddedBeamRow_3_1	13813	1	14,300	-9,711	7,817	0,000	0,000
Element 2-23 (Embedded beam row)	13814	2	14,300	-10,024	7,416	0,000	0,000
(palo 1500)	13815	3	14,300	-10,336	6,973	0,000	0,000
	13816	4	14,300	-10,649	6,519	0,000	0,000
	13817	5	14,300	-10,961	6,074	0,000	0,000
EmbeddedBeamRow_3_1	13817	1	14,300	-10,961	6,074	0,000	0,000
Element 2-24 (Embedded beam row)	13818	2	14,300	-11,274	5,680	0,000	0,000
(palo 1500)	13819	3	14,300	-11,586	5,335	0,000	0,000
	13820	4	14,300	-11,899	5,108	0,000	0,000
	13821	5	14,300	-12,211	4,973	0,000	0,000
EmbeddedBeamRow_3_1	13821	1	14,300	-12,211	4,973	0,000	0,000
Element 2-25 (Embedded beam row)	13822	2	14,300	-12,496	5,423	0,000	0,000
(palo 1500)	13823	3	14,300	-12,781	5,306	0,000	0,000
	13824	4	14,300	-13,066	5,117	0,000	0,000
	13825	5	14,300	-13,351	4,894	0,000	0,000
EmbeddedBeamRow_3_1	13825	1	14,300	-13,351	4,894	0,000	0,000
Element 2-26 (Embedded beam row)	13826	2	14,300	-13,639	4,629	0,000	0,000

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
(palo 1500)	13827	3	14,300	-13,927	4,347	0,000	0,000
	13828	4	14,300	-14,215	4,055	0,000	0,000
	13829	5	14,300	-14,503	3,755	0,000	0,000
EmbeddedBeamRow_3_1	13829	1	14,300	-14,503	3,755	0,000	0,000
Element 2-27 (Embedded beam row)	13830	2	14,300	-14,794	3,451	0,000	0,000
(palo 1500)	13831	3	14,300	-15,084	3,150	0,000	0,000
	13832	4	14,300	-15,375	2,859	0,000	0,000
	13833	5	14,300	-15,666	2,583	0,000	0,000
EmbeddedBeamRow_3_1	13833	1	14,300	-15,666	2,583	0,000	0,000
Element 2-28 (Embedded beam row)	13834	2	14,300	-15,960	2,321	0,000	0,000
(palo 1500)	13835	3	14,300	-16,254	2,078	0,000	0,000
	13836	4	14,300	-16,548	1,851	0,000	0,000
	13837	5	14,300	-16,842	1,645	0,000	0,000
EmbeddedBeamRow_3_1	13837	1	14,300	-16,842	1,645	0,000	0,000
Element 2-29 (Embedded beam row)	13838	2	14,300	-17,140	1,466	0,000	0,000
(palo 1500)	13839	3	14,300	-17,437	1,314	0,000	0,000
	13840	4	14,300	-17,734	1,187	0,000	0,000
	13841	5	14,300	-18,031	1,085	0,000	0,000
EmbeddedBeamRow_3_1	13841	1	14,300	-18,031	1,085	0,000	0,000
Element 2-30 (Embedded beam row)	13842	2	14,300	-18,331	1,004	0,000	0,000
(palo 1500)	13843	3	14,300	-18,631	0,944	0,000	0,000
	13844	4	14,300	-18,932	0,904	0,000	0,000
	13845	5	14,300	-19,232	0,881	0,000	0,000
EmbeddedBeamRow_3_1	13845	1	14,300	-19,232	0,881	0,000	0,000
Element 2-31 (Embedded beam row)	13846	2	14,300	-19,535	0,874	0,000	0,000
(palo 1500)	13847	3	14,300	-19,839	0,881	0,000	0,000

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
	13848	4	14,300	-20,142	0,900	0,000	0,000
	13849	5	14,300	-20,445	0,928	0,000	0,000
EmbeddedBeamRow_3_1	13849	1	14,300	-20,445	0,928	0,000	0,000
Element 2-32 (Embedded beam row)	13850	2	14,300	-20,752	0,963	0,000	0,000
(palo 1500)	13851	3	14,300	-21,059	1,002	0,000	0,000
	13852	4	14,300	-21,365	1,042	0,000	0,000
	13853	5	14,300	-21,672	1,080	0,000	0,000
EmbeddedBeamRow_3_1	13853	1	14,300	-21,672	1,080	0,000	0,000
Element 2-33 (Embedded beam row)	13854	2	14,300	-21,982	1,114	0,000	0,000
(palo 1500)	13855	3	14,300	-22,291	1,140	0,000	0,000
	13856	4	14,300	-22,601	1,154	0,000	0,000
	13857	5	14,300	-22,911	1,153	0,000	0,000
EmbeddedBeamRow_3_1	13857	1	14,300	-22,911	1,153	0,000	0,000
Element 2-34 (Embedded beam row)	13858	2	14,300	-23,224	1,133	-0,001	0,001
(palo 1500)	13859	3	14,300	-23,537	1,092	-0,001	0,001
	13860	4	14,300	-23,850	1,025	-0,001	0,001
	13861	5	14,300	-24,163	0,930	-0,001	0,001
EmbeddedBeamRow_3_1	13861	1	14,300	-24,163	0,930	-0,001	0,001
Element 2-35 (Embedded beam row)	13862	2	14,300	-24,480	0,802	-0,001	0,001
(palo 1500)	13863	3	14,300	-24,796	0,641	-0,001	0,001
	13864	4	14,300	-25,113	0,445	-0,001	0,001
	13865	5	14,300	-25,429	0,216	-0,001	0,001
EmbeddedBeamRow_3_1	13865	1	14,300	-25,429	0,216	-0,001	0,001
Element 2-36 (Embedded beam row)	13866	2	14,300	-25,749	-0,050	-0,001	0,001
(palo 1500)	13867	3	14,300	-26,068	-0,347	-0,001	0,001
	13868	4	14,300	-26,388	-0,669	-0,001	0,001

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
	13869	5	14,300	-26,708	-1,019	-0,001	0,001
EmbeddedBeamRow_3_1	13869	1	14,300	-26,708	-1,019	-0,001	0,001
Element 2-37 (Embedded beam row)	13870	2	14,300	-27,031	-1,371	-0,001	0,001
(palo 1500)	13871	3	14,300	-27,354	-1,731	-0,001	0,001
	13872	4	14,300	-27,677	-2,125	-0,001	0,001
	13873	5	14,300	-28,000	-2,600	-0,001	0,001
EmbeddedBeamRow_3_1	13873	1	14,300	-28,000	-2,600	-0,001	0,001
Element 2-38 (Embedded beam row)	13874	2	14,300	-28,403	-2,923	-0,001	0,001
(palo 1500)	13875	3	14,300	-28,805	-3,168	-0,001	0,001
	13876	4	14,300	-29,207	-0,698	-0,001	0,001
	13877	5	14,300	-29,610	13,640	-0,001	0,001
EmbeddedBeamRow_2_1	13878	1	18,200	-5,610	0,000	0,000	0,000
Element 3-39 (Embedded beam row)	13879	2	18,200	-5,885	79,745	0,000	0,000
(palo 1500)	13880	3	18,200	-6,159	137,052	0,000	0,000
	13881	4	18,200	-6,434	176,332	0,000	0,000
	13882	5	18,200	-6,709	203,906	0,000	0,000
EmbeddedBeamRow_2_1	13882	1	18,200	-6,709	203,906	0,000	0,000
Element 3-40 (Embedded beam row)	13883	2	18,200	-6,951	221,639	0,000	0,000
(palo 1500)	13884	3	18,200	-7,194	235,147	0,000	0,000
	13885	4	18,200	-7,436	245,130	0,000	0,000
	13886	5	18,200	-7,678	249,076	0,000	0,000
EmbeddedBeamRow_2_1	13886	1	18,200	-7,678	249,076	0,000	0,000
Element 3-41 (Embedded beam row)	13887	2	18,200	-7,991	237,775	0,000	0,000
(palo 1500)	13888	3	18,200	-8,303	224,639	0,000	0,000
	13889	4	18,200	-8,616	210,010	0,000	0,000
	13890	5	18,200	-8,928	194,735	0,000	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
EmbeddedBeamRow_2_1	13890	1	18,200	-8,928	194,735	0,000	0,000
Element 3-42 (Embedded beam row)	13891	2	18,200	-9,241	180,023	0,000	0,000
(palo 1500)	13892	3	18,200	-9,553	165,977	0,000	0,000
	13893	4	18,200	-9,866	152,733	0,000	0,000
	13894	5	18,200	-10,178	140,358	0,000	0,000
EmbeddedBeamRow_2_1	13894	1	18,200	-10,178	140,358	0,000	0,000
Element 3-43 (Embedded beam row)	13895	2	18,200	-10,491	128,932	0,000	0,000
(palo 1500)	13896	3	18,200	-10,803	118,482	0,000	0,000
	13897	4	18,200	-11,116	109,073	0,000	0,000
	13898	5	18,200	-11,428	100,724	0,000	0,000
EmbeddedBeamRow_2_1	13898	1	18,200	-11,428	100,724	0,000	0,000
Element 3-44 (Embedded beam row)	13899	2	18,200	-11,741	93,553	0,000	0,000
(palo 1500)	13900	3	18,200	-12,053	87,636	0,000	0,000
	13901	4	18,200	-12,366	83,129	0,000	0,000
	13902	5	18,200	-12,678	79,913	0,000	0,000
EmbeddedBeamRow_2_1	13902	1	18,200	-12,678	79,913	0,000	0,000
Element 3-45 (Embedded beam row)	13903	2	18,200	-12,978	70,087	0,000	0,000
(palo 1500)	13904	3	18,200	-13,277	60,427	0,000	0,000
	13905	4	18,200	-13,577	51,576	0,000	0,000
	13906	5	18,200	-13,876	43,518	0,000	0,000
EmbeddedBeamRow_2_1	13906	1	18,200	-13,876	43,518	0,000	0,000
Element 3-46 (Embedded beam row)	13907	2	18,200	-14,179	36,104	0,000	0,000
(palo 1500)	13908	3	18,200	-14,482	29,409	0,000	0,000
	13909	4	18,200	-14,785	23,406	0,000	0,000
	13910	5	18,200	-15,088	18,035	0,000	0,000
EmbeddedBeamRow_2_1	13910	1	18,200	-15,088	18,035	0,000	0,000

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
Element 3-47 (Embedded beam row)	13911	2	18,200	-15,395	13,232	0,000	0,000
(palo 1500)	13912	3	18,200	-15,701	9,012	0,000	0,000
	13913	4	18,200	-16,008	5,355	0,000	0,000
	13914	5	18,200	-16,314	2,212	0,000	0,000
EmbeddedBeamRow_2_1	13914	1	18,200	-16,314	2,212	0,000	0,000
Element 3-48 (Embedded beam row)	13915	2	18,200	-16,624	-0,473	0,000	0,000
(palo 1500)	13916	3	18,200	-16,934	-2,717	0,000	0,000
	13917	4	18,200	-17,244	-4,542	0,000	0,000
	13918	5	18,200	-17,554	-5,997	0,000	0,000
EmbeddedBeamRow_2_1	13918	1	18,200	-17,554	-5,997	0,000	0,000
Element 3-49 (Embedded beam row)	13919	2	18,200	-17,868	-7,113	0,000	0,000
(palo 1500)	13920	3	18,200	-18,181	-7,914	0,000	0,000
	13921	4	18,200	-18,495	-8,422	0,000	0,000
	13922	5	18,200	-18,808	-8,675	0,000	0,000
EmbeddedBeamRow_2_1	13922	1	18,200	-18,808	-8,675	0,000	0,000
Element 3-50 (Embedded beam row)	13923	2	18,200	-19,125	-8,693	0,000	0,000
(palo 1500)	13924	3	18,200	-19,442	-8,505	0,000	0,000
	13925	4	18,200	-19,760	-8,131	-0,001	0,001
	13926	5	18,200	-20,077	-7,599	-0,001	0,001
EmbeddedBeamRow_2_1	13926	1	18,200	-20,077	-7,599	-0,001	0,001
Element 3-51 (Embedded beam row)	13927	2	18,200	-20,398	-6,920	-0,001	0,001
(palo 1500)	13928	3	18,200	-20,718	-6,124	-0,001	0,001
	13929	4	18,200	-21,039	-5,230	-0,001	0,001
	13930	5	18,200	-21,360	-4,262	-0,001	0,001
EmbeddedBeamRow_2_1	13930	1	18,200	-21,360	-4,262	-0,001	0,001
Element 3-52 (Embedded beam row)	13931	2	18,200	-21,684	-3,225	-0,001	0,001

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
(palo 1500)	13932	3	18,200	-22,009	-2,152	-0,001	0,001
	13933	4	18,200	-22,333	-1,062	-0,001	0,001
	13934	5	18,200	-22,658	0,024	-0,001	0,001
EmbeddedBeamRow_2_1	13934	1	18,200	-22,658	0,024	-0,001	0,001
Element 3-53 (Embedded beam row)	13935	2	18,200	-22,986	1,098	-0,001	0,001
(palo 1500)	13936	3	18,200	-23,314	2,126	-0,001	0,001
	13937	4	18,200	-23,642	3,082	-0,001	0,001
	13938	5	18,200	-23,971	3,942	-0,001	0,001
EmbeddedBeamRow_2_1	13938	1	18,200	-23,971	3,942	-0,001	0,001
Element 3-54 (Embedded beam row)	13939	2	18,200	-24,302	4,682	-0,001	0,001
(palo 1500)	13940	3	18,200	-24,634	5,261	-0,001	0,001
	13941	4	18,200	-24,966	5,637	-0,001	0,001
	13942	5	18,200	-25,298	5,774	-0,001	0,001
EmbeddedBeamRow_2_1	13942	1	18,200	-25,298	5,774	-0,001	0,001
Element 3-55 (Embedded beam row)	13943	2	18,200	-25,634	5,614	-0,001	0,001
(palo 1500)	13944	3	18,200	-25,970	5,104	-0,001	0,001
	13945	4	18,200	-26,306	4,170	-0,001	0,001
	13946	5	18,200	-26,641	2,769	-0,001	0,001
EmbeddedBeamRow_2_1	13946	1	18,200	-26,641	2,769	-0,001	0,001
Element 3-56 (Embedded beam row)	13947	2	18,200	-26,981	0,738	-0,001	0,001
(palo 1500)	13948	3	18,200	-27,321	-1,917	-0,001	0,001
	13949	4	18,200	-27,660	-5,313	-0,001	0,001
	13950	5	18,200	-28,000	-9,508	-0,001	0,001
EmbeddedBeamRow_2_1	13950	1	18,200	-28,000	-9,508	-0,001	0,001
Element 3-57 (Embedded beam row)	13951	2	18,200	-28,403	-14,596	-0,001	0,001
(palo 1500)	13952	3	18,200	-28,805	-20,154	-0,001	0,001

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
	13953	4	18,200	-29,207	-19,194	-0,001	0,001
	13954	5	18,200	-29,610	9,970	-0,001	0,001

3.3.1.2.1.7 Calculation results, Embedded beam row, rinfianco [Phase_9] (12/39), Table of relative total displacements

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-3} m]	$\lvert u_{rel} \rvert$ [m]
EmbeddedBeamRow_1_1	13724	1	10,400	-5,610	0,000	0,000	0,000
Element 1-1 (Embedded beam row)	13725	2	10,400	-5,894	143,193	0,003	0,000
(palo 1500)	13726	3	10,400	-6,177	216,014	-0,017	0,000
	13727	4	10,400	-6,461	235,387	-0,033	0,000
	13728	5	10,400	-6,744	218,963	-0,035	0,000
EmbeddedBeamRow_1_1	13728	1	10,400	-6,744	218,963	-0,035	0,000
Element 1-2 (Embedded beam row)	13729	2	10,400	-7,057	142,113	-0,029	0,000
(palo 1500)	13730	3	10,400	-7,369	70,682	0,002	0,000
	13731	4	10,400	-7,682	12,674	0,030	0,000
	13732	5	10,400	-7,994	-26,870	0,046	0,000
EmbeddedBeamRow_1_1	13732	1	10,400	-7,994	-26,870	0,046	0,000
Element 1-3 (Embedded beam row)	13733	2	10,400	-8,307	-50,032	0,052	0,000
(palo 1500)	13734	3	10,400	-8,619	-58,469	0,049	0,000
	13735	4	10,400	-8,932	-57,721	0,036	0,000
	13736	5	10,400	-9,244	-55,490	0,012	0,000
EmbeddedBeamRow_1_1	13736	1	10,400	-9,244	-55,490	0,012	0,000
Element 1-4 (Embedded beam row)	13737	2	10,400	-9,557	-53,788	-0,020	0,000
(palo 1500)	13738	3	10,400	-9,869	-52,386	-0,060	0,000
	13739	4	10,400	-10,182	-46,792	-0,104	0,000
	13740	5	10,400	-10,494	-36,965	-0,149	0,000
EmbeddedBeamRow_1_1	13740	1	10,400	-10,494	-36,965	-0,149	0,000
Element 1-5 (Embedded beam row)	13741	2	10,400	-10,807	-23,999	-0,195	0,000
(palo 1500)	13742	3	10,400	-11,119	-8,637	-0,241	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-3} m]	$\lvert u_{rel} \rvert$ [m]
	13743	4	10,400	-11,432	8,008	-0,287	0,000
	13744	5	10,400	-11,744	22,745	-0,331	0,000
EmbeddedBeamRow_1_1	13744	1	10,400	-11,744	22,745	-0,331	0,000
Element 1-6 (Embedded beam row)	13745	2	10,400	-12,038	30,330	-0,353	0,000
(palo 1500)	13746	3	10,400	-12,331	40,203	-0,379	0,000
	13747	4	10,400	-12,624	49,630	-0,407	0,000
	13748	5	10,400	-12,918	56,594	-0,437	0,000
EmbeddedBeamRow_1_1	13748	1	10,400	-12,918	56,594	-0,437	0,000
Element 1-7 (Embedded beam row)	13749	2	10,400	-13,214	59,916	-0,467	0,000
(palo 1500)	13750	3	10,400	-13,510	61,473	-0,497	0,001
	13751	4	10,400	-13,807	62,373	-0,527	0,001
	13752	5	10,400	-14,103	62,832	-0,557	0,001
EmbeddedBeamRow_1_1	13752	1	10,400	-14,103	62,832	-0,557	0,001
Element 1-8 (Embedded beam row)	13753	2	10,400	-14,403	62,799	-0,587	0,001
(palo 1500)	13754	3	10,400	-14,702	62,354	-0,617	0,001
	13755	4	10,400	-15,002	61,508	-0,647	0,001
	13756	5	10,400	-15,302	60,288	-0,677	0,001
EmbeddedBeamRow_1_1	13756	1	10,400	-15,302	60,288	-0,677	0,001
Element 1-9 (Embedded beam row)	13757	2	10,400	-15,604	58,689	-0,707	0,001
(palo 1500)	13758	3	10,400	-15,907	56,745	-0,737	0,001
	13759	4	10,400	-16,210	54,474	-0,767	0,001
	13760	5	10,400	-16,512	51,923	-0,797	0,001
EmbeddedBeamRow_1_1	13760	1	10,400	-16,512	51,923	-0,797	0,001
Element 1-10 (Embedded beam row)	13761	2	10,400	-16,818	49,102	-0,828	0,001
(palo 1500)	13762	3	10,400	-17,124	46,072	-0,859	0,001
	13763	4	10,400	-17,430	42,862	-0,889	0,001

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-3} m]	$\lvert u_{rel} \rvert$ [m]
	13764	5	10,400	-17,736	39,513	-0,920	0,001
EmbeddedBeamRow_1_1	13764	1	10,400	-17,736	39,513	-0,920	0,001
Element 1-11 (Embedded beam row)	13765	2	10,400	-18,045	36,006	-0,952	0,001
(palo 1500)	13766	3	10,400	-18,354	32,408	-0,983	0,001
	13767	4	10,400	-18,663	28,740	-1,015	0,001
	13768	5	10,400	-18,973	25,028	-1,048	0,001
EmbeddedBeamRow_1_1	13768	1	10,400	-18,973	25,028	-1,048	0,001
Element 1-12 (Embedded beam row)	13769	2	10,400	-19,285	21,246	-1,081	0,001
(palo 1500)	13770	3	10,400	-19,597	17,449	-1,114	0,001
	13771	4	10,400	-19,910	13,647	-1,148	0,001
	13772	5	10,400	-20,222	9,850	-1,182	0,001
EmbeddedBeamRow_1_1	13772	1	10,400	-20,222	9,850	-1,182	0,001
Element 1-13 (Embedded beam row)	13773	2	10,400	-20,538	6,021	-1,217	0,001
(palo 1500)	13774	3	10,400	-20,853	2,207	-1,253	0,001
	13775	4	10,400	-21,169	-1,594	-1,290	0,001
	13776	5	10,400	-21,485	-5,381	-1,327	0,001
EmbeddedBeamRow_1_1	13776	1	10,400	-21,485	-5,381	-1,327	0,001
Element 1-14 (Embedded beam row)	13777	2	10,400	-21,804	-9,197	-1,365	0,001
(palo 1500)	13778	3	10,400	-22,123	-13,005	-1,404	0,001
	13779	4	10,400	-22,442	-16,806	-1,444	0,001
	13780	5	10,400	-22,761	-20,602	-1,485	0,001
EmbeddedBeamRow_1_1	13780	1	10,400	-22,761	-20,602	-1,485	0,001
Element 1-15 (Embedded beam row)	13781	2	10,400	-23,083	-24,431	-1,527	0,002
(palo 1500)	13782	3	10,400	-23,405	-28,243	-1,571	0,002
	13783	4	10,400	-23,728	-32,031	-1,615	0,002
	13784	5	10,400	-24,050	-35,770	-1,660	0,002

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-3} m]	$\lvert u_{rel} \rvert$ [m]
EmbeddedBeamRow_1_1	13784	1	10,400	-24,050	-35,770	-1,660	0,002
Element 1-16 (Embedded beam row)	13785	2	10,400	-24,376	-39,468	-1,707	0,002
(palo 1500)	13786	3	10,400	-24,701	-43,045	-1,755	0,002
	13787	4	10,400	-25,027	-46,429	-1,804	0,002
	13788	5	10,400	-25,353	-49,530	-1,854	0,002
EmbeddedBeamRow_1_1	13788	1	10,400	-25,353	-49,530	-1,854	0,002
Element 1-17 (Embedded beam row)	13789	2	10,400	-25,682	-52,192	-1,905	0,002
(palo 1500)	13790	3	10,400	-26,011	-54,188	-1,957	0,002
	13791	4	10,400	-26,340	-55,008	-2,010	0,002
	13792	5	10,400	-26,670	-53,795	-2,063	0,002
EmbeddedBeamRow_1_1	13792	1	10,400	-26,670	-53,795	-2,063	0,002
Element 1-18 (Embedded beam row)	13793	2	10,400	-27,002	-49,277	-2,116	0,002
(palo 1500)	13794	3	10,400	-27,335	-39,100	-2,169	0,002
	13795	4	10,400	-27,667	-21,091	-2,218	0,002
	13796	5	10,400	-28,000	7,229	-2,259	0,002
EmbeddedBeamRow_1_1	13796	1	10,400	-28,000	7,229	-2,259	0,002
Element 1-19 (Embedded beam row)	13797	2	10,400	-28,403	48,759	-2,299	0,002
(palo 1500)	13798	3	10,400	-28,805	110,092	-2,312	0,002
	13799	4	10,400	-29,207	201,870	-2,181	0,002
	13800	5	10,400	-29,610	334,647	-1,680	0,002
EmbeddedBeamRow_3_1	13801	1	14,300	-5,610	0,000	0,000	0,000
Element 2-20 (Embedded beam row)	13802	2	14,300	-6,010	130,426	-0,101	0,000
(palo 1500)	13803	3	14,300	-6,411	229,591	-0,187	0,000
	13804	4	14,300	-6,811	306,661	-0,264	0,000
	13805	5	14,300	-7,211	365,698	-0,313	0,000
EmbeddedBeamRow_3_1	13805	1	14,300	-7,211	365,698	-0,313	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-3} m]	$\lvert u_{rel} \rvert$ [m]
Element 2-21 (Embedded beam row)	13806	2	14,300	-7,524	363,893	-0,326	0,000
(palo 1500)	13807	3	14,300	-7,836	361,693	-0,330	0,000
	13808	4	14,300	-8,149	360,444	-0,334	0,000
	13809	5	14,300	-8,461	358,488	-0,339	0,000
EmbeddedBeamRow_3_1	13809	1	14,300	-8,461	358,488	-0,339	0,000
Element 2-22 (Embedded beam row)	13810	2	14,300	-8,774	351,190	-0,345	0,000
(palo 1500)	13811	3	14,300	-9,086	340,229	-0,351	0,000
	13812	4	14,300	-9,399	327,559	-0,357	0,000
	13813	5	14,300	-9,711	314,142	-0,362	0,000
EmbeddedBeamRow_3_1	13813	1	14,300	-9,711	314,142	-0,362	0,000
Element 2-23 (Embedded beam row)	13814	2	14,300	-10,024	300,455	-0,367	0,000
(palo 1500)	13815	3	14,300	-10,336	286,934	-0,373	0,000
	13816	4	14,300	-10,649	273,865	-0,379	0,000
	13817	5	14,300	-10,961	261,443	-0,385	0,000
EmbeddedBeamRow_3_1	13817	1	14,300	-10,961	261,443	-0,385	0,000
Element 2-24 (Embedded beam row)	13818	2	14,300	-11,274	249,796	-0,392	0,000
(palo 1500)	13819	3	14,300	-11,586	238,962	-0,401	0,000
	13820	4	14,300	-11,899	228,231	-0,409	0,000
	13821	5	14,300	-12,211	214,710	-0,416	0,000
EmbeddedBeamRow_3_1	13821	1	14,300	-12,211	214,710	-0,416	0,000
Element 2-25 (Embedded beam row)	13822	2	14,300	-12,496	199,684	-0,415	0,000
(palo 1500)	13823	3	14,300	-12,781	186,892	-0,416	0,000
	13824	4	14,300	-13,066	174,726	-0,421	0,000
	13825	5	14,300	-13,351	162,030	-0,427	0,000
EmbeddedBeamRow_3_1	13825	1	14,300	-13,351	162,030	-0,427	0,000
Element 2-26 (Embedded beam row)	13826	2	14,300	-13,639	148,069	-0,435	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-3} m]	$\lvert u_{rel} \rvert$ [m]
(palo 1500)	13827	3	14,300	-13,927	133,753	-0,443	0,000
	13828	4	14,300	-14,215	120,237	-0,452	0,000
	13829	5	14,300	-14,503	107,721	-0,461	0,000
EmbeddedBeamRow_3_1	13829	1	14,300	-14,503	107,721	-0,461	0,000
Element 2-27 (Embedded beam row)	13830	2	14,300	-14,794	95,929	-0,471	0,000
(palo 1500)	13831	3	14,300	-15,084	84,974	-0,481	0,000
	13832	4	14,300	-15,375	74,842	-0,492	0,000
	13833	5	14,300	-15,666	65,515	-0,503	0,001
EmbeddedBeamRow_3_1	13833	1	14,300	-15,666	65,515	-0,503	0,001
Element 2-28 (Embedded beam row)	13834	2	14,300	-15,960	56,879	-0,515	0,001
(palo 1500)	13835	3	14,300	-16,254	48,979	-0,527	0,001
	13836	4	14,300	-16,548	41,781	-0,541	0,001
	13837	5	14,300	-16,842	35,237	-0,554	0,001
EmbeddedBeamRow_3_1	13837	1	14,300	-16,842	35,237	-0,554	0,001
Element 2-29 (Embedded beam row)	13838	2	14,300	-17,140	29,282	-0,568	0,001
(palo 1500)	13839	3	14,300	-17,437	23,942	-0,583	0,001
	13840	4	14,300	-17,734	19,205	-0,599	0,001
	13841	5	14,300	-18,031	15,029	-0,615	0,001
EmbeddedBeamRow_3_1	13841	1	14,300	-18,031	15,029	-0,615	0,001
Element 2-30 (Embedded beam row)	13842	2	14,300	-18,331	11,361	-0,631	0,001
(palo 1500)	13843	3	14,300	-18,631	8,210	-0,649	0,001
	13844	4	14,300	-18,932	5,559	-0,667	0,001
	13845	5	14,300	-19,232	3,373	-0,685	0,001
EmbeddedBeamRow_3_1	13845	1	14,300	-19,232	3,373	-0,685	0,001
Element 2-31 (Embedded beam row)	13846	2	14,300	-19,535	1,624	-0,705	0,001
(palo 1500)	13847	3	14,300	-19,839	0,307	-0,725	0,001

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-3} m]	$\lvert u_{rel} \rvert$ [m]
	13848	4	14,300	-20,142	-0,588	-0,746	0,001
	13849	5	14,300	-20,445	-1,091	-0,767	0,001
EmbeddedBeamRow_3_1	13849	1	14,300	-20,445	-1,091	-0,767	0,001
Element 2-32 (Embedded beam row)	13850	2	14,300	-20,752	-1,214	-0,790	0,001
(palo 1500)	13851	3	14,300	-21,059	-0,983	-0,814	0,001
	13852	4	14,300	-21,365	-0,417	-0,838	0,001
	13853	5	14,300	-21,672	0,443	-0,863	0,001
EmbeddedBeamRow_3_1	13853	1	14,300	-21,672	0,443	-0,863	0,001
Element 2-33 (Embedded beam row)	13854	2	14,300	-21,982	1,576	-0,890	0,001
(palo 1500)	13855	3	14,300	-22,291	2,919	-0,918	0,001
	13856	4	14,300	-22,601	4,417	-0,947	0,001
	13857	5	14,300	-22,911	5,993	-0,977	0,001
EmbeddedBeamRow_3_1	13857	1	14,300	-22,911	5,993	-0,977	0,001
Element 2-34 (Embedded beam row)	13858	2	14,300	-23,224	7,577	-1,009	0,001
(palo 1500)	13859	3	14,300	-23,537	9,045	-1,043	0,001
	13860	4	14,300	-23,850	10,260	-1,078	0,001
	13861	5	14,300	-24,163	11,076	-1,115	0,001
EmbeddedBeamRow_3_1	13861	1	14,300	-24,163	11,076	-1,115	0,001
Element 2-35 (Embedded beam row)	13862	2	14,300	-24,480	11,304	-1,154	0,001
(palo 1500)	13863	3	14,300	-24,796	10,711	-1,195	0,001
	13864	4	14,300	-25,113	9,030	-1,238	0,001
	13865	5	14,300	-25,429	6,012	-1,284	0,001
EmbeddedBeamRow_3_1	13865	1	14,300	-25,429	6,012	-1,284	0,001
Element 2-36 (Embedded beam row)	13866	2	14,300	-25,749	1,292	-1,332	0,001
(palo 1500)	13867	3	14,300	-26,068	-5,368	-1,383	0,001
	13868	4	14,300	-26,388	-14,081	-1,436	0,001

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-3} m]	$\lvert u_{rel} \rvert$ [m]
	13869	5	14,300	-26,708	-24,512	-1,491	0,001
EmbeddedBeamRow_3_1	13869	1	14,300	-26,708	-24,512	-1,491	0,001
Element 2-37 (Embedded beam row)	13870	2	14,300	-27,031	-36,119	-1,548	0,002
(palo 1500)	13871	3	14,300	-27,354	-46,719	-1,606	0,002
	13872	4	14,300	-27,677	-53,869	-1,662	0,002
	13873	5	14,300	-28,000	-55,609	-1,713	0,002
EmbeddedBeamRow_3_1	13873	1	14,300	-28,000	-55,609	-1,713	0,002
Element 2-38 (Embedded beam row)	13874	2	14,300	-28,403	-45,012	-1,772	0,002
(palo 1500)	13875	3	14,300	-28,805	-13,836	-1,816	0,002
	13876	4	14,300	-29,207	48,216	-1,746	0,002
	13877	5	14,300	-29,610	209,648	-1,404	0,001
EmbeddedBeamRow_2_1	13878	1	18,200	-5,610	0,000	0,000	0,000
Element 3-39 (Embedded beam row)	13879	2	18,200	-5,885	105,848	-0,013	0,000
(palo 1500)	13880	3	18,200	-6,159	228,073	-0,040	0,000
	13881	4	18,200	-6,434	369,152	-0,056	0,000
	13882	5	18,200	-6,709	515,400	-0,061	0,001
EmbeddedBeamRow_2_1	13882	1	18,200	-6,709	515,400	-0,061	0,001
Element 3-40 (Embedded beam row)	13883	2	18,200	-6,951	625,748	-0,069	0,001
(palo 1500)	13884	3	18,200	-7,194	697,500	-0,092	0,001
	13885	4	18,200	-7,436	734,945	-0,120	0,001
	13886	5	18,200	-7,678	739,442	-0,146	0,001
EmbeddedBeamRow_2_1	13886	1	18,200	-7,678	739,442	-0,146	0,001
Element 3-41 (Embedded beam row)	13887	2	18,200	-7,991	748,286	-0,163	0,001
(palo 1500)	13888	3	18,200	-8,303	745,272	-0,176	0,001
	13889	4	18,200	-8,616	732,333	-0,193	0,001
	13890	5	18,200	-8,928	711,863	-0,213	0,001

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-3} m]	$\lvert u_{rel} \rvert$ [m]
EmbeddedBeamRow_2_1	13890	1	18,200	-8,928	711,863	-0,213	0,001
Element 3-42 (Embedded beam row)	13891	2	18,200	-9,241	686,875	-0,234	0,001
(palo 1500)	13892	3	18,200	-9,553	658,721	-0,257	0,001
	13893	4	18,200	-9,866	628,439	-0,280	0,001
	13894	5	18,200	-10,178	597,012	-0,304	0,001
EmbeddedBeamRow_2_1	13894	1	18,200	-10,178	597,012	-0,304	0,001
Element 3-43 (Embedded beam row)	13895	2	18,200	-10,491	565,122	-0,328	0,001
(palo 1500)	13896	3	18,200	-10,803	533,423	-0,353	0,001
	13897	4	18,200	-11,116	502,364	-0,377	0,001
	13898	5	18,200	-11,428	472,353	-0,401	0,001
EmbeddedBeamRow_2_1	13898	1	18,200	-11,428	472,353	-0,401	0,001
Element 3-44 (Embedded beam row)	13899	2	18,200	-11,741	443,715	-0,426	0,001
(palo 1500)	13900	3	18,200	-12,053	416,709	-0,450	0,001
	13901	4	18,200	-12,366	391,464	-0,474	0,001
	13902	5	18,200	-12,678	367,380	-0,497	0,001
EmbeddedBeamRow_2_1	13902	1	18,200	-12,678	367,380	-0,497	0,001
Element 3-45 (Embedded beam row)	13903	2	18,200	-12,978	331,613	-0,508	0,001
(palo 1500)	13904	3	18,200	-13,277	296,765	-0,520	0,001
	13905	4	18,200	-13,577	264,067	-0,533	0,001
	13906	5	18,200	-13,876	233,546	-0,546	0,001
EmbeddedBeamRow_2_1	13906	1	18,200	-13,876	233,546	-0,546	0,001
Element 3-46 (Embedded beam row)	13907	2	18,200	-14,179	204,804	-0,559	0,001
(palo 1500)	13908	3	18,200	-14,482	178,197	-0,572	0,001
	13909	4	18,200	-14,785	153,722	-0,586	0,001
	13910	5	18,200	-15,088	131,287	-0,600	0,001
EmbeddedBeamRow_2_1	13910	1	18,200	-15,088	131,287	-0,600	0,001

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-3} m]	$\lvert u_{rel} \rvert$ [m]
Element 3-47 (Embedded beam row)	13911	2	18,200	-15,395	110,657	-0,615	0,001
(palo 1500)	13912	3	18,200	-15,701	91,973	-0,630	0,001
	13913	4	18,200	-16,008	75,197	-0,645	0,001
	13914	5	18,200	-16,314	60,182	-0,661	0,001
EmbeddedBeamRow_2_1	13914	1	18,200	-16,314	60,182	-0,661	0,001
Element 3-48 (Embedded beam row)	13915	2	18,200	-16,624	46,723	-0,677	0,001
(palo 1500)	13916	3	18,200	-16,934	34,847	-0,693	0,001
	13917	4	18,200	-17,244	24,486	-0,710	0,001
	13918	5	18,200	-17,554	15,489	-0,727	0,001
EmbeddedBeamRow_2_1	13918	1	18,200	-17,554	15,489	-0,727	0,001
Element 3-49 (Embedded beam row)	13919	2	18,200	-17,868	7,700	-0,744	0,001
(palo 1500)	13920	3	18,200	-18,181	1,084	-0,762	0,001
	13921	4	18,200	-18,495	-4,439	-0,781	0,001
	13922	5	18,200	-18,808	-9,010	-0,800	0,001
EmbeddedBeamRow_2_1	13922	1	18,200	-18,808	-9,010	-0,800	0,001
Element 3-50 (Embedded beam row)	13923	2	18,200	-19,125	-12,751	-0,819	0,001
(palo 1500)	13924	3	18,200	-19,442	-15,735	-0,839	0,001
	13925	4	18,200	-19,760	-18,046	-0,859	0,001
	13926	5	18,200	-20,077	-19,802	-0,880	0,001
EmbeddedBeamRow_2_1	13926	1	18,200	-20,077	-19,802	-0,880	0,001
Element 3-51 (Embedded beam row)	13927	2	18,200	-20,398	-21,076	-0,902	0,001
(palo 1500)	13928	3	18,200	-20,718	-21,764	-0,924	0,001
	13929	4	18,200	-21,039	-21,464	-0,947	0,001
	13930	5	18,200	-21,360	-20,284	-0,970	0,001
EmbeddedBeamRow_2_1	13930	1	18,200	-21,360	-20,284	-0,970	0,001
Element 3-52 (Embedded beam row)	13931	2	18,200	-21,684	-18,168	-0,994	0,001

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-3} m]	$\lvert u_{rel} \rvert$ [m]
(palo 1500)	13932	3	18,200	-22,009	-15,355	-1,020	0,001
	13933	4	18,200	-22,333	-12,007	-1,046	0,001
	13934	5	18,200	-22,658	-8,304	-1,074	0,001
EmbeddedBeamRow_2_1	13934	1	18,200	-22,658	-8,304	-1,074	0,001
Element 3-53 (Embedded beam row)	13935	2	18,200	-22,986	-4,325	-1,104	0,001
(palo 1500)	13936	3	18,200	-23,314	-0,293	-1,135	0,001
	13937	4	18,200	-23,642	3,664	-1,168	0,001
	13938	5	18,200	-23,971	7,399	-1,202	0,001
EmbeddedBeamRow_2_1	13938	1	18,200	-23,971	7,399	-1,202	0,001
Element 3-54 (Embedded beam row)	13939	2	18,200	-24,302	10,759	-1,239	0,001
(palo 1500)	13940	3	18,200	-24,634	13,541	-1,278	0,001
	13941	4	18,200	-24,966	15,546	-1,319	0,001
	13942	5	18,200	-25,298	16,530	-1,362	0,001
EmbeddedBeamRow_2_1	13942	1	18,200	-25,298	16,530	-1,362	0,001
Element 3-55 (Embedded beam row)	13943	2	18,200	-25,634	16,134	-1,409	0,001
(palo 1500)	13944	3	18,200	-25,970	13,769	-1,457	0,001
	13945	4	18,200	-26,306	8,926	-1,508	0,002
	13946	5	18,200	-26,641	1,742	-1,560	0,002
EmbeddedBeamRow_2_1	13946	1	18,200	-26,641	1,742	-1,560	0,002
Element 3-56 (Embedded beam row)	13947	2	18,200	-26,981	-9,409	-1,615	0,002
(palo 1500)	13948	3	18,200	-27,321	-22,477	-1,668	0,002
	13949	4	18,200	-27,660	-37,104	-1,717	0,002
	13950	5	18,200	-28,000	-53,287	-1,758	0,002
EmbeddedBeamRow_2_1	13950	1	18,200	-28,000	-53,287	-1,758	0,002
Element 3-57 (Embedded beam row)	13951	2	18,200	-28,403	-67,404	-1,798	0,002
(palo 1500)	13952	3	18,200	-28,805	-68,063	-1,818	0,002

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-3} m]	$\lvert u_{rel} \rvert$ [m]
	13953	4	18,200	-29,207	-38,690	-1,732	0,002
	13954	5	18,200	-29,610	107,887	-1,407	0,001

3.3.1.2.1.8 Calculation results, Embedded beam row, Versante - fase B [Phase_10] (10/43), Table of relative total displacements

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
EmbeddedBeamRow_1_1	13724	1	10,400	-5,610	0,000	0,000	0,000
Element 1-1 (Embedded beam row)	13725	2	10,400	-5,894	10,988	-36,581	0,000
(palo 1500)	13726	3	10,400	-6,177	25,537	-61,559	0,000
	13727	4	10,400	-6,461	42,570	-79,475	0,000
	13728	5	10,400	-6,744	59,145	-89,652	0,000
EmbeddedBeamRow_1_1	13728	1	10,400	-6,744	59,145	-89,652	0,000
Element 1-2 (Embedded beam row)	13729	2	10,400	-7,057	64,670	-69,746	0,000
(palo 1500)	13730	3	10,400	-7,369	74,556	-51,675	0,000
	13731	4	10,400	-7,682	87,088	-36,497	0,000
	13732	5	10,400	-7,994	102,142	-22,440	0,000
EmbeddedBeamRow_1_1	13732	1	10,400	-7,994	102,142	-22,440	0,000
Element 1-3 (Embedded beam row)	13733	2	10,400	-8,307	119,374	-9,623	0,000
(palo 1500)	13734	3	10,400	-8,619	138,265	2,034	0,000
	13735	4	10,400	-8,932	159,060	12,675	0,000
	13736	5	10,400	-9,244	180,833	22,294	0,000
EmbeddedBeamRow_1_1	13736	1	10,400	-9,244	180,833	22,294	0,000
Element 1-4 (Embedded beam row)	13737	2	10,400	-9,557	201,082	30,885	0,000
(palo 1500)	13738	3	10,400	-9,869	218,040	38,699	0,000
	13739	4	10,400	-10,182	225,898	41,997	0,000
	13740	5	10,400	-10,494	225,388	39,546	0,000
EmbeddedBeamRow_1_1	13740	1	10,400	-10,494	225,388	39,546	0,000
Element 1-5 (Embedded beam row)	13741	2	10,400	-10,807	222,191	32,937	0,000
(palo 1500)	13742	3	10,400	-11,119	216,851	26,033	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
	13743	4	10,400	-11,432	211,618	20,017	0,000
	13744	5	10,400	-11,744	205,476	14,878	0,000
EmbeddedBeamRow_1_1	13744	1	10,400	-11,744	205,476	14,878	0,000
Element 1-6 (Embedded beam row)	13745	2	10,400	-12,038	198,877	12,534	0,000
(palo 1500)	13746	3	10,400	-12,331	192,919	9,298	0,000
	13747	4	10,400	-12,624	187,791	5,483	0,000
	13748	5	10,400	-12,918	183,047	1,324	0,000
EmbeddedBeamRow_1_1	13748	1	10,400	-12,918	183,047	1,324	0,000
Element 1-7 (Embedded beam row)	13749	2	10,400	-13,214	178,339	-3,123	0,000
(palo 1500)	13750	3	10,400	-13,510	171,422	-7,341	0,000
	13751	4	10,400	-13,807	163,764	-10,946	0,000
	13752	5	10,400	-14,103	155,899	-14,114	0,000
EmbeddedBeamRow_1_1	13752	1	10,400	-14,103	155,899	-14,114	0,000
Element 1-8 (Embedded beam row)	13753	2	10,400	-14,403	148,093	-16,895	0,000
(palo 1500)	13754	3	10,400	-14,702	140,414	-19,226	0,000
	13755	4	10,400	-15,002	132,943	-21,102	0,000
	13756	5	10,400	-15,302	125,733	-22,529	0,000
EmbeddedBeamRow_1_1	13756	1	10,400	-15,302	125,733	-22,529	0,000
Element 1-9 (Embedded beam row)	13757	2	10,400	-15,604	118,749	-23,511	0,000
(palo 1500)	13758	3	10,400	-15,907	112,098	-24,042	0,000
	13759	4	10,400	-16,210	105,818	-24,119	0,000
	13760	5	10,400	-16,512	99,926	-23,755	0,000
EmbeddedBeamRow_1_1	13760	1	10,400	-16,512	99,926	-23,755	0,000
Element 1-10 (Embedded beam row)	13761	2	10,400	-16,818	94,396	-22,940	0,000
(palo 1500)	13762	3	10,400	-17,124	89,290	-21,686	0,000
	13763	4	10,400	-17,430	84,611	-19,993	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
	13764	5	10,400	-17,736	80,341	-17,873	0,000
EmbeddedBeamRow_1_1	13764	1	10,400	-17,736	80,341	-17,873	0,000
Element 1-11 (Embedded beam row)	13765	2	10,400	-18,045	76,445	-15,300	0,000
(palo 1500)	13766	3	10,400	-18,354	72,949	-12,306	0,000
	13767	4	10,400	-18,663	69,846	-8,892	0,000
	13768	5	10,400	-18,973	67,108	-5,072	0,000
EmbeddedBeamRow_1_1	13768	1	10,400	-18,973	67,108	-5,072	0,000
Element 1-12 (Embedded beam row)	13769	2	10,400	-19,285	64,692	-0,801	0,000
(palo 1500)	13770	3	10,400	-19,597	62,591	3,872	0,000
	13771	4	10,400	-19,910	60,776	8,948	0,000
	13772	5	10,400	-20,222	59,201	14,416	0,000
EmbeddedBeamRow_1_1	13772	1	10,400	-20,222	59,201	14,416	0,000
Element 1-13 (Embedded beam row)	13773	2	10,400	-20,538	57,812	20,341	0,000
(palo 1500)	13774	3	10,400	-20,853	56,571	26,662	0,000
	13775	4	10,400	-21,169	55,428	33,383	0,000
	13776	5	10,400	-21,485	54,320	40,499	0,000
EmbeddedBeamRow_1_1	13776	1	10,400	-21,485	54,320	40,499	0,000
Element 1-14 (Embedded beam row)	13777	2	10,400	-21,804	53,173	48,099	0,000
(palo 1500)	13778	3	10,400	-22,123	51,931	56,109	0,000
	13779	4	10,400	-22,442	50,517	64,542	0,000
	13780	5	10,400	-22,761	48,859	73,397	0,000
EmbeddedBeamRow_1_1	13780	1	10,400	-22,761	48,859	73,397	0,000
Element 1-15 (Embedded beam row)	13781	2	10,400	-23,083	46,847	82,786	0,000
(palo 1500)	13782	3	10,400	-23,405	44,416	92,626	0,000
	13783	4	10,400	-23,728	41,461	102,932	0,000
	13784	5	10,400	-24,050	37,897	113,709	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
EmbeddedBeamRow_1_1	13784	1	10,400	-24,050	37,897	113,709	0,000
Element 1-16 (Embedded beam row)	13785	2	10,400	-24,376	33,555	125,093	0,000
(palo 1500)	13786	3	10,400	-24,701	28,375	136,981	0,000
	13787	4	10,400	-25,027	22,211	149,393	0,000
	13788	5	10,400	-25,353	14,962	162,327	0,000
EmbeddedBeamRow_1_1	13788	1	10,400	-25,353	14,962	162,327	0,000
Element 1-17 (Embedded beam row)	13789	2	10,400	-25,682	6,366	175,939	0,000
(palo 1500)	13790	3	10,400	-26,011	-3,625	190,096	0,000
	13791	4	10,400	-26,340	-15,217	204,794	0,000
	13792	5	10,400	-26,670	-28,575	220,023	0,000
EmbeddedBeamRow_1_1	13792	1	10,400	-26,670	-28,575	220,023	0,000
Element 1-18 (Embedded beam row)	13793	2	10,400	-27,002	-44,176	235,930	0,000
(palo 1500)	13794	3	10,400	-27,335	-62,110	252,282	0,000
	13795	4	10,400	-27,667	-82,655	268,844	0,000
	13796	5	10,400	-28,000	-106,053	285,213	0,000
EmbeddedBeamRow_1_1	13796	1	10,400	-28,000	-106,053	285,213	0,000
Element 1-19 (Embedded beam row)	13797	2	10,400	-28,403	-137,848	305,149	0,000
(palo 1500)	13798	3	10,400	-28,805	-174,743	323,453	0,000
	13799	4	10,400	-29,207	-219,364	323,274	0,000
	13800	5	10,400	-29,610	-268,140	269,347	0,000
EmbeddedBeamRow_3_1	13801	1	14,300	-5,610	0,000	0,000	0,000
Element 2-20 (Embedded beam row)	13802	2	14,300	-6,010	126,673	-24,075	0,000
(palo 1500)	13803	3	14,300	-6,411	219,845	-38,833	0,000
	13804	4	14,300	-6,811	291,024	-46,915	0,000
	13805	5	14,300	-7,211	341,897	-49,317	0,000
EmbeddedBeamRow_3_1	13805	1	14,300	-7,211	341,897	-49,317	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
Element 2-21 (Embedded beam row)	13806	2	14,300	-7,524	346,563	-31,570	0,000
(palo 1500)	13807	3	14,300	-7,836	358,363	-15,006	0,000
	13808	4	14,300	-8,149	370,254	-0,020	0,000
	13809	5	14,300	-8,461	377,190	11,435	0,000
EmbeddedBeamRow_3_1	13809	1	14,300	-8,461	377,190	11,435	0,000
Element 2-22 (Embedded beam row)	13810	2	14,300	-8,774	381,863	19,098	0,000
(palo 1500)	13811	3	14,300	-9,086	384,015	23,493	0,000
	13812	4	14,300	-9,399	382,502	25,325	0,000
	13813	5	14,300	-9,711	375,289	24,804	0,000
EmbeddedBeamRow_3_1	13813	1	14,300	-9,711	375,289	24,804	0,000
Element 2-23 (Embedded beam row)	13814	2	14,300	-10,024	361,375	22,969	0,000
(palo 1500)	13815	3	14,300	-10,336	345,741	21,773	0,000
	13816	4	14,300	-10,649	329,401	20,980	0,000
	13817	5	14,300	-10,961	312,960	20,442	0,000
EmbeddedBeamRow_3_1	13817	1	14,300	-10,961	312,960	20,442	0,000
Element 2-24 (Embedded beam row)	13818	2	14,300	-11,274	296,692	20,055	0,000
(palo 1500)	13819	3	14,300	-11,586	280,797	19,845	0,000
	13820	4	14,300	-11,899	265,195	19,907	0,000
	13821	5	14,300	-12,211	249,117	20,263	0,000
EmbeddedBeamRow_3_1	13821	1	14,300	-12,211	249,117	20,263	0,000
Element 2-25 (Embedded beam row)	13822	2	14,300	-12,496	234,424	23,764	0,000
(palo 1500)	13823	3	14,300	-12,781	219,955	25,873	0,000
	13824	4	14,300	-13,066	206,086	26,853	0,000
	13825	5	14,300	-13,351	193,513	27,101	0,000
EmbeddedBeamRow_3_1	13825	1	14,300	-13,351	193,513	27,101	0,000
Element 2-26 (Embedded beam row)	13826	2	14,300	-13,639	182,034	26,678	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
(palo 1500)	13827	3	14,300	-13,927	170,619	25,357	0,000
	13828	4	14,300	-14,215	157,921	23,256	0,000
	13829	5	14,300	-14,503	145,254	21,266	0,000
EmbeddedBeamRow_3_1	13829	1	14,300	-14,503	145,254	21,266	0,000
Element 2-27 (Embedded beam row)	13830	2	14,300	-14,794	133,484	19,547	0,000
(palo 1500)	13831	3	14,300	-15,084	122,605	17,898	0,000
	13832	4	14,300	-15,375	112,588	16,291	0,000
	13833	5	14,300	-15,666	103,372	14,708	0,000
EmbeddedBeamRow_3_1	13833	1	14,300	-15,666	103,372	14,708	0,000
Element 2-28 (Embedded beam row)	13834	2	14,300	-15,960	94,846	13,121	0,000
(palo 1500)	13835	3	14,300	-16,254	87,062	11,552	0,000
	13836	4	14,300	-16,548	80,001	10,000	0,000
	13837	5	14,300	-16,842	73,617	8,470	0,000
EmbeddedBeamRow_3_1	13837	1	14,300	-16,842	73,617	8,470	0,000
Element 2-29 (Embedded beam row)	13838	2	14,300	-17,140	67,836	6,954	0,000
(palo 1500)	13839	3	14,300	-17,437	62,682	5,476	0,000
	13840	4	14,300	-17,734	58,139	4,049	0,000
	13841	5	14,300	-18,031	54,158	2,680	0,000
EmbeddedBeamRow_3_1	13841	1	14,300	-18,031	54,158	2,680	0,000
Element 2-30 (Embedded beam row)	13842	2	14,300	-18,331	50,682	1,370	0,000
(palo 1500)	13843	3	14,300	-18,631	47,703	0,142	0,000
	13844	4	14,300	-18,932	45,193	-0,990	0,000
	13845	5	14,300	-19,232	43,096	-2,016	0,000
EmbeddedBeamRow_3_1	13845	1	14,300	-19,232	43,096	-2,016	0,000
Element 2-31 (Embedded beam row)	13846	2	14,300	-19,535	41,359	-2,933	0,000
(palo 1500)	13847	3	14,300	-19,839	39,952	-3,718	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
	13848	4	14,300	-20,142	38,831	-4,361	0,000
	13849	5	14,300	-20,445	37,939	-4,854	0,000
EmbeddedBeamRow_3_1	13849	1	14,300	-20,445	37,939	-4,854	0,000
Element 2-32 (Embedded beam row)	13850	2	14,300	-20,752	37,218	-5,191	0,000
(palo 1500)	13851	3	14,300	-21,059	36,620	-5,360	0,000
	13852	4	14,300	-21,365	36,089	-5,353	0,000
	13853	5	14,300	-21,672	35,568	-5,169	0,000
EmbeddedBeamRow_3_1	13853	1	14,300	-21,672	35,568	-5,169	0,000
Element 2-33 (Embedded beam row)	13854	2	14,300	-21,982	34,991	-4,795	0,000
(palo 1500)	13855	3	14,300	-22,291	34,304	-4,230	0,000
	13856	4	14,300	-22,601	33,442	-3,468	0,000
	13857	5	14,300	-22,911	32,350	-2,507	0,000
EmbeddedBeamRow_3_1	13857	1	14,300	-22,911	32,350	-2,507	0,000
Element 2-34 (Embedded beam row)	13858	2	14,300	-23,224	30,940	-1,329	0,000
(palo 1500)	13859	3	14,300	-23,537	29,163	0,059	0,000
	13860	4	14,300	-23,850	26,935	1,666	0,000
	13861	5	14,300	-24,163	24,195	3,494	0,000
EmbeddedBeamRow_3_1	13861	1	14,300	-24,163	24,195	3,494	0,000
Element 2-35 (Embedded beam row)	13862	2	14,300	-24,480	20,810	5,574	0,000
(palo 1500)	13863	3	14,300	-24,796	16,738	7,890	0,000
	13864	4	14,300	-25,113	11,873	10,450	0,000
	13865	5	14,300	-25,429	6,142	13,251	0,000
EmbeddedBeamRow_3_1	13865	1	14,300	-25,429	6,142	13,251	0,000
Element 2-36 (Embedded beam row)	13866	2	14,300	-25,749	-0,639	16,329	0,000
(palo 1500)	13867	3	14,300	-26,068	-8,493	19,653	0,000
	13868	4	14,300	-26,388	-17,542	23,225	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
	13869	5	14,300	-26,708	-27,852	27,037	0,000
EmbeddedBeamRow_3_1	13869	1	14,300	-26,708	-27,852	27,037	0,000
Element 2-37 (Embedded beam row)	13870	2	14,300	-27,031	-39,688	31,140	0,000
(palo 1500)	13871	3	14,300	-27,354	-53,032	35,501	0,000
	13872	4	14,300	-27,677	-68,061	40,100	0,000
	13873	5	14,300	-28,000	-84,843	44,891	0,000
EmbeddedBeamRow_3_1	13873	1	14,300	-28,000	-84,843	44,891	0,000
Element 2-38 (Embedded beam row)	13874	2	14,300	-28,403	-108,848	51,298	0,000
(palo 1500)	13875	3	14,300	-28,805	-136,682	57,909	0,000
	13876	4	14,300	-29,207	-169,819	61,216	0,000
	13877	5	14,300	-29,610	-212,610	54,608	0,000
EmbeddedBeamRow_2_1	13878	1	18,200	-5,610	0,000	0,000	0,000
Element 3-39 (Embedded beam row)	13879	2	18,200	-5,885	195,168	-50,819	0,000
(palo 1500)	13880	3	18,200	-6,159	361,456	-65,380	0,000
	13881	4	18,200	-6,434	501,552	-61,064	0,001
	13882	5	18,200	-6,709	602,026	-57,767	0,001
EmbeddedBeamRow_2_1	13882	1	18,200	-6,709	602,026	-57,767	0,001
Element 3-40 (Embedded beam row)	13883	2	18,200	-6,951	655,117	-68,206	0,001
(palo 1500)	13884	3	18,200	-7,194	688,377	-89,980	0,001
	13885	4	18,200	-7,436	719,198	-107,975	0,001
	13886	5	18,200	-7,678	743,417	-123,118	0,001
EmbeddedBeamRow_2_1	13886	1	18,200	-7,678	743,417	-123,118	0,001
Element 3-41 (Embedded beam row)	13887	2	18,200	-7,991	722,628	-109,027	0,001
(palo 1500)	13888	3	18,200	-8,303	701,848	-100,452	0,001
	13889	4	18,200	-8,616	678,234	-98,129	0,001
	13890	5	18,200	-8,928	651,831	-98,565	0,001

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
EmbeddedBeamRow_2_1	13890	1	18,200	-8,928	651,831	-98,565	0,001
Element 3-42 (Embedded beam row)	13891	2	18,200	-9,241	619,231	-100,073	0,001
(palo 1500)	13892	3	18,200	-9,553	586,605	-100,445	0,001
	13893	4	18,200	-9,866	553,879	-100,213	0,001
	13894	5	18,200	-10,178	521,403	-99,719	0,001
EmbeddedBeamRow_2_1	13894	1	18,200	-10,178	521,403	-99,719	0,001
Element 3-43 (Embedded beam row)	13895	2	18,200	-10,491	489,617	-99,172	0,000
(palo 1500)	13896	3	18,200	-10,803	458,766	-98,615	0,000
	13897	4	18,200	-11,116	429,008	-98,100	0,000
	13898	5	18,200	-11,428	400,416	-97,649	0,000
EmbeddedBeamRow_2_1	13898	1	18,200	-11,428	400,416	-97,649	0,000
Element 3-44 (Embedded beam row)	13899	2	18,200	-11,741	373,000	-97,349	0,000
(palo 1500)	13900	3	18,200	-12,053	346,752	-97,116	0,000
	13901	4	18,200	-12,366	320,883	-96,338	0,000
	13902	5	18,200	-12,678	292,325	-94,186	0,000
EmbeddedBeamRow_2_1	13902	1	18,200	-12,678	292,325	-94,186	0,000
Element 3-45 (Embedded beam row)	13903	2	18,200	-12,978	266,444	-88,657	0,000
(palo 1500)	13904	3	18,200	-13,277	244,178	-85,201	0,000
	13905	4	18,200	-13,577	222,567	-83,883	0,000
	13906	5	18,200	-13,876	201,273	-83,793	0,000
EmbeddedBeamRow_2_1	13906	1	18,200	-13,876	201,273	-83,793	0,000
Element 3-46 (Embedded beam row)	13907	2	18,200	-14,179	180,490	-84,107	0,000
(palo 1500)	13908	3	18,200	-14,482	160,702	-84,857	0,000
	13909	4	18,200	-14,785	142,057	-85,933	0,000
	13910	5	18,200	-15,088	124,590	-87,250	0,000
EmbeddedBeamRow_2_1	13910	1	18,200	-15,088	124,590	-87,250	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
Element 3-47 (Embedded beam row)	13911	2	18,200	-15,395	108,207	-88,787	0,000
(palo 1500)	13912	3	18,200	-15,701	93,094	-90,481	0,000
	13913	4	18,200	-16,008	79,323	-92,301	0,000
	13914	5	18,200	-16,314	66,843	-94,214	0,000
EmbeddedBeamRow_2_1	13914	1	18,200	-16,314	66,843	-94,214	0,000
Element 3-48 (Embedded beam row)	13915	2	18,200	-16,624	55,577	-96,212	0,000
(palo 1500)	13916	3	18,200	-16,934	45,604	-98,250	0,000
	13917	4	18,200	-17,244	36,948	-100,315	0,000
	13918	5	18,200	-17,554	29,521	-102,400	0,000
EmbeddedBeamRow_2_1	13918	1	18,200	-17,554	29,521	-102,400	0,000
Element 3-49 (Embedded beam row)	13919	2	18,200	-17,868	23,262	-104,528	0,000
(palo 1500)	13920	3	18,200	-18,181	18,163	-106,678	0,000
	13921	4	18,200	-18,495	14,210	-108,864	0,000
	13922	5	18,200	-18,808	11,291	-111,099	0,000
EmbeddedBeamRow_2_1	13922	1	18,200	-18,808	11,291	-111,099	0,000
Element 3-50 (Embedded beam row)	13923	2	18,200	-19,125	9,353	-113,432	0,000
(palo 1500)	13924	3	18,200	-19,442	8,328	-115,857	0,000
	13925	4	18,200	-19,760	8,186	-118,414	0,000
	13926	5	18,200	-20,077	8,822	-121,139	0,000
EmbeddedBeamRow_2_1	13926	1	18,200	-20,077	8,822	-121,139	0,000
Element 3-51 (Embedded beam row)	13927	2	18,200	-20,398	10,182	-124,143	0,000
(palo 1500)	13928	3	18,200	-20,718	11,954	-127,523	0,000
	13929	4	18,200	-21,039	13,644	-131,183	0,000
	13930	5	18,200	-21,360	15,195	-135,055	0,000
EmbeddedBeamRow_2_1	13930	1	18,200	-21,360	15,195	-135,055	0,000
Element 3-52 (Embedded beam row)	13931	2	18,200	-21,684	16,475	-139,104	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
(palo 1500)	13932	3	18,200	-22,009	17,523	-143,212	0,000
	13933	4	18,200	-22,333	18,351	-147,342	0,000
	13934	5	18,200	-22,658	18,954	-151,468	0,000
EmbeddedBeamRow_2_1	13934	1	18,200	-22,658	18,954	-151,468	0,000
Element 3-53 (Embedded beam row)	13935	2	18,200	-22,986	19,294	-155,614	0,000
(palo 1500)	13936	3	18,200	-23,314	19,346	-159,737	0,000
	13937	4	18,200	-23,642	19,009	-163,825	0,000
	13938	5	18,200	-23,971	18,217	-167,870	0,000
EmbeddedBeamRow_2_1	13938	1	18,200	-23,971	18,217	-167,870	0,000
Element 3-54 (Embedded beam row)	13939	2	18,200	-24,302	16,823	-171,911	0,000
(palo 1500)	13940	3	18,200	-24,634	14,797	-175,841	0,000
	13941	4	18,200	-24,966	12,046	-179,679	0,000
	13942	5	18,200	-25,298	8,478	-183,460	0,000
EmbeddedBeamRow_2_1	13942	1	18,200	-25,298	8,478	-183,460	0,000
Element 3-55 (Embedded beam row)	13943	2	18,200	-25,634	3,787	-187,229	0,000
(palo 1500)	13944	3	18,200	-25,970	-2,024	-190,889	0,000
	13945	4	18,200	-26,306	-9,140	-194,380	0,000
	13946	5	18,200	-26,641	-17,659	-197,638	0,000
EmbeddedBeamRow_2_1	13946	1	18,200	-26,641	-17,659	-197,638	0,000
Element 3-56 (Embedded beam row)	13947	2	18,200	-26,981	-27,975	-200,633	0,000
(palo 1500)	13948	3	18,200	-27,321	-40,105	-203,201	0,000
	13949	4	18,200	-27,660	-54,407	-205,011	0,000
	13950	5	18,200	-28,000	-71,412	-205,535	0,000
EmbeddedBeamRow_2_1	13950	1	18,200	-28,000	-71,412	-205,535	0,000
Element 3-57 (Embedded beam row)	13951	2	18,200	-28,403	-95,181	-204,276	0,000
(palo 1500)	13952	3	18,200	-28,805	-122,898	-200,319	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
	13953	4	18,200	-29,207	-154,339	-184,570	0,000
	13954	5	18,200	-29,610	-182,926	-142,358	0,000

3.3.2.1.6 Calculation results, Embedded beam row, costruzione plinto [Phase_5] (5/27), Table of embedded pile row force envelopes

Structural element	Node [10 ˚]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T--- [kN/m/m]	T---,--- [kN/m/m]	T---,---	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
EmbeddedBeamRow_1_1	13724	1	10,400	-5,610	-170,793	7,545	-21,834	0,000	0,000	53,846	0,000	-170,793	0,000	0,000	7,545	-21,834	0,000
Element 1-1 (Embedded beam row)	13725	2	10,400	-5,894	-172,059	7,521	-19,697	0,137	-0,154	53,846	0,003	-172,059	0,000	0,000	7,521	-19,697	0,000
(palo 1500)	13726	3	10,400	-6,177	-173,285	7,458	-17,572	0,278	-0,299	53,846	0,005	-173,285	0,000	0,000	7,458	-17,572	0,000
	13727	4	10,400	-6,461	-174,471	7,355	-15,471	0,421	-0,427	53,846	0,008	-174,471	0,000	0,000	7,355	-15,471	0,000
	13728	5	10,400	-6,744	-175,615	7,215	-13,405	0,565	-0,533	53,846	0,010	-175,615	0,000	0,000	7,215	-13,405	0,000
EmbeddedBeamRow_1_1	13728	1	10,400	-6,744	-175,615	7,219	-13,405	1,499	-1,415	53,846	0,028	-175,615	0,000	0,000	7,219	-13,405	0,000
Element 1-2 (Embedded beam row)	13729	2	10,400	-7,057	-176,542	6,774	-11,219	1,637	-1,420	53,846	0,030	-176,542	0,000	0,000	6,774	-11,219	0,000
(palo 1500)	13730	3	10,400	-7,369	-177,424	6,332	-9,171	1,782	-1,411	53,846	0,033	-177,424	0,000	0,000	6,332	-9,171	0,000
	13731	4	10,400	-7,682	-178,260	5,894	-7,260	1,929	-1,392	53,846	0,036	-178,260	0,000	0,000	5,894	-7,260	0,000
	13732	5	10,400	-7,994	-179,050	5,461	-5,487	2,072	-1,366	53,846	0,038	-179,050	0,000	0,000	5,461	-5,487	0,000
EmbeddedBeamRow_1_1	13732	1	10,400	-7,994	-179,051	5,463	-5,487	2,071	-1,365	53,846	0,038	-179,051	0,000	0,000	5,463	-5,487	0,000
Element 1-3 (Embedded beam row)	13733	2	10,400	-8,307	-179,797	5,041	-3,846	2,211	-1,331	53,846	0,041	-179,797	0,000	0,000	5,041	-3,846	0,000
(palo 1500)	13734	3	10,400	-8,619	-180,501	4,631	-2,335	2,346	-1,293	53,846	0,044	-180,501	0,000	0,000	4,631	-2,335	0,000
	13735	4	10,400	-8,932	-181,164	4,233	-0,950	2,476	-1,250	53,846	0,046	-181,164	0,000	0,000	4,233	-0,950	0,000
	13736	5	10,400	-9,244	-181,785	3,849	0,312	2,602	-1,205	53,846	0,048	-181,785	0,000	0,000	3,849	0,000	0,336
EmbeddedBeamRow_1_1	13736	1	10,400	-9,244	-181,786	3,850	0,312	2,603	-1,205	53,846	0,048	-181,786	0,000	0,000	3,850	0,000	0,336
Element 1-4 (Embedded beam row)	13737	2	10,400	-9,557	-182,369	3,481	1,457	2,725	-1,159	53,846	0,051	-182,369	0,000	0,000	3,481	0,000	1,457
(palo 1500)	13738	3	10,400	-9,869	-182,915	3,125	2,489	2,846	-1,113	53,846	0,053	-182,915	0,000	0,000	3,125	0,000	2,489
	13739	4	10,400	-10,182	-183,423	2,784	3,412	2,965	-1,069	53,846	0,055	-183,423	0,000	0,000	2,784	0,000	3,412
	13740	5	10,400	-10,494	-183,893	2,458	4,231	3,082	-1,026	53,846	0,057	-183,893	0,000	0,000	2,458	0,000	4,231
EmbeddedBeamRow_1_1	13740	1	10,400	-10,494	-183,894	2,457	4,231	3,082	-1,026	53,846	0,057	-183,894	0,000	0,000	2,457	0,000	4,231
Element 1-5 (Embedded beam row)	13741	2	10,400	-10,807	-184,328	2,143	4,949	3,196	-0,986	53,846	0,059	-184,328	0,000	0,000	2,143	0,000	4,949
(palo 1500)	13742	3	10,400	-11,119	-184,728	1,840	5,571	3,309	-0,950	53,846	0,061	-184,728	0,000	0,000	1,840	0,000	5,571
	13743	4	10,400	-11,432	-185,093	1,549	6,101	3,419	-0,917	53,846	0,063	-185,093	0,000	0,000	1,549	0,000	6,101
	13744	5	10,400	-11,744	-185,423	1,267	6,540	3,522	-0,887	53,846	0,065	-185,423	0,000	0,000	1,267	0,000	6,540
EmbeddedBeamRow_1_1	13744	1	10,400	-11,744	-185,423	1,265	6,540	5,035	-1,267	53,846	0,093	-185,423	0,000	0,000	1,265	0,000	6,540
Element 1-6 (Embedded beam row)	13745	2	10,400	-12,038	-185,266	0,919	6,860	5,109	-1,116	53,846	0,095	-185,266	0,000	0,000	0,919	0,000	6,860
(palo 1500)	13746	3	10,400	-12,331	-185,084	0,610	7,083	5,197	-0,983	53,846	0,097	-185,084	0,000	0,000	0,610	0,000	7,083
	13747	4	10,400	-12,624	-184,875	0,339	7,222	5,290	-0,862	53,846	0,098	-184,875	0,000	0,000	0,339	0,000	7,222
	13748	5	10,400	-12,918	-184,638	0,105	7,286	5,386	-0,750	53,846	0,100	-184,638	0,000	0,000	0,105	0,000	7,286
EmbeddedBeamRow_1_1	13748	1	10,400	-12,918	-184,638	0,103	7,286	5,386	-0,750	53,846	0,100	-184,638	0,000	0,000	0,103	0,000	7,286
Element 1-7 (Embedded beam row)	13749	2	10,400	-13,214	-184,370	-0,102	7,285	5,485	-0,646	53,846	0,102	-184,370	0,000	-0,105	0,000	0,000	7,285

Structural element	Node [10⁻]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
(palo 1500)	13750	3	10,400	-13,510	-184,072	-0,280	7,228	5,587	-0,550	53,846	0,104	-184,072	0,000	-0,280	0,000	0,000	7,228
	13751	4	10,400	-13,807	-183,744	-0,430	7,122	5,691	-0,462	53,846	0,106	-183,744	0,000	-0,430	0,000	0,000	7,122
	13752	5	10,400	-14,103	-183,385	-0,554	6,975	5,798	-0,382	53,846	0,108	-183,385	0,000	-0,554	0,000	0,000	6,975
EmbeddedBeamRow_1_1	13752	1	10,400	-14,103	-183,384	-0,556	6,975	5,798	-0,382	53,846	0,108	-183,384	0,000	-0,556	0,000	0,000	6,975
Element 1-8 (Embedded beam row)	13753	2	10,400	-14,403	-182,988	-0,658	6,793	5,908	-0,309	53,846	0,110	-182,988	0,000	-0,658	0,000	0,000	6,793
(palo 1500)	13754	3	10,400	-14,702	-182,559	-0,741	6,583	6,021	-0,242	53,846	0,112	-182,559	0,000	-0,741	0,000	0,000	6,583
	13755	4	10,400	-15,002	-182,095	-0,804	6,351	6,136	-0,182	53,846	0,114	-182,095	0,000	-0,804	0,000	0,000	6,351
	13756	5	10,400	-15,302	-181,597	-0,849	6,103	6,254	-0,128	53,846	0,116	-181,597	0,000	-0,849	0,000	0,000	6,103
EmbeddedBeamRow_1_1	13756	1	10,400	-15,302	-181,596	-0,851	6,103	6,254	-0,128	53,846	0,116	-181,596	0,000	-0,851	0,000	0,000	6,103
Element 1-9 (Embedded beam row)	13757	2	10,400	-15,604	-181,057	-0,881	5,841	6,375	-0,079	53,846	0,118	-181,057	0,000	-0,881	0,000	0,000	5,841
(palo 1500)	13758	3	10,400	-15,907	-180,480	-0,899	5,571	6,498	-0,036	53,846	0,121	-180,480	0,000	-0,899	0,000	0,000	5,571
	13759	4	10,400	-16,210	-179,866	-0,904	5,298	6,625	0,002	53,846	0,123	-179,866	0,000	-0,904	0,000	0,000	5,298
	13760	5	10,400	-16,512	-179,213	-0,897	5,025	6,754	0,035	53,846	0,125	-179,213	0,000	-0,897	0,000	0,000	5,025
EmbeddedBeamRow_1_1	13760	1	10,400	-16,512	-179,212	-0,899	5,025	6,755	0,035	53,846	0,125	-179,212	0,000	-0,899	0,000	0,000	5,025
Element 1-10 (Embedded beam row)	13761	2	10,400	-16,818	-178,513	-0,883	4,753	6,884	0,063	53,846	0,128	-178,513	0,000	-0,883	0,000	0,000	4,753
(palo 1500)	13762	3	10,400	-17,124	-177,773	-0,860	4,486	7,016	0,087	53,846	0,130	-177,773	0,000	-0,860	0,000	0,000	4,486
	13763	4	10,400	-17,430	-176,992	-0,831	4,227	7,152	0,106	53,846	0,133	-176,992	0,000	-0,831	0,000	0,000	4,227
	13764	5	10,400	-17,736	-176,170	-0,795	3,978	7,292	0,121	53,846	0,135	-176,170	0,000	-0,795	0,000	0,000	3,978
EmbeddedBeamRow_1_1	13764	1	10,400	-17,736	-176,168	-0,796	3,978	7,293	0,121	53,846	0,135	-176,168	0,000	-0,796	0,000	0,000	3,978
Element 1-11 (Embedded beam row)	13765	2	10,400	-18,045	-175,294	-0,756	3,739	7,436	0,133	53,846	0,138	-175,294	0,000	-0,756	0,000	0,000	3,739
(palo 1500)	13766	3	10,400	-18,354	-174,373	-0,714	3,511	7,584	0,141	53,846	0,141	-174,373	0,000	-0,714	0,000	0,000	3,511
	13767	4	10,400	-18,663	-173,405	-0,670	3,297	7,737	0,146	53,846	0,144	-173,405	0,000	-0,670	0,000	0,000	3,297
	13768	5	10,400	-18,973	-172,391	-0,624	3,098	7,896	0,148	53,846	0,147	-172,391	0,000	-0,624	0,000	0,000	3,098
EmbeddedBeamRow_1_1	13768	1	10,400	-18,973	-172,389	-0,624	3,098	7,894	0,148	53,846	0,147	-172,389	0,000	-0,624	0,000	0,000	3,098
Element 1-12 (Embedded beam row)	13769	2	10,400	-19,285	-171,315	-0,578	2,910	8,055	0,147	53,846	0,150	-171,315	0,000	-0,578	0,000	0,000	2,910
(palo 1500)	13770	3	10,400	-19,597	-170,188	-0,532	2,736	8,221	0,144	53,846	0,153	-170,188	0,000	-0,532	0,000	0,000	2,736
	13771	4	10,400	-19,910	-169,007	-0,488	2,577	8,396	0,139	53,846	0,156	-169,007	0,000	-0,488	0,000	0,000	2,577
	13772	5	10,400	-20,222	-167,774	-0,446	2,431	8,577	0,132	53,846	0,159	-167,774	0,000	-0,446	0,000	0,000	2,431
EmbeddedBeamRow_1_1	13772	1	10,400	-20,222	-167,771	-0,446	2,431	8,577	0,132	53,846	0,159	-167,771	0,000	-0,446	0,000	0,000	2,431
Element 1-13 (Embedded beam row)	13773	2	10,400	-20,538	-166,467	-0,406	2,297	8,768	0,123	53,846	0,163	-166,467	0,000	-0,406	0,000	0,000	2,297
(palo 1500)	13774	3	10,400	-20,853	-165,097	-0,369	2,175	8,967	0,113	53,846	0,167	-165,097	0,000	-0,369	0,000	0,000	2,175
	13775	4	10,400	-21,169	-163,664	-0,335	2,064	9,174	0,102	53,846	0,170	-163,664	0,000	-0,335	0,000	0,000	2,064
	13776	5	10,400	-21,485	-162,167	-0,304	1,963	9,391	0,090	53,846	0,174	-162,167	0,000	-0,304	0,000	0,000	1,963
EmbeddedBeamRow_1_1	13776	1	10,400	-21,485	-162,163	-0,304	1,963	9,391	0,090	53,846	0,174	-162,163	0,000	-0,304	0,000	0,000	1,963
Element 1-14 (Embedded beam row)	13777	2	10,400	-21,804	-160,580	-0,278	1,870	9,620	0,077	53,846	0,179	-160,580	0,000	-0,278	0,000	0,000	1,870
(palo 1500)	13778	3	10,400	-22,123	-158,918	-0,256	1,785	9,858	0,063	53,846	0,183	-158,918	0,000	-0,256	0,000	0,000	1,785

Structural element	Node [10⁻]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
	13779	4	10,400	-22,442	-157,178	-0,238	1,707	10,108	0,049	53,846	0,188	-157,178	0,000	-0,238	0,000	0,000	1,707
	13780	5	10,400	-22,761	-155,361	-0,224	1,633	10,369	0,035	53,846	0,193	-155,361	0,000	-0,224	0,000	0,000	1,633
EmbeddedBeamRow_1_1	13780	1	10,400	-22,761	-155,357	-0,224	1,633	10,369	0,035	53,846	0,193	-155,357	0,000	-0,224	0,000	0,000	1,633
Element 1-15 (Embedded beam row)	13781	2	10,400	-23,083	-153,434	-0,215	1,562	10,644	0,021	53,846	0,198	-153,434	0,000	-0,215	0,000	0,000	1,562
(palo 1500)	13782	3	10,400	-23,405	-151,416	-0,210	1,494	10,933	0,008	53,846	0,203	-151,416	0,000	-0,210	0,000	0,000	1,494
	13783	4	10,400	-23,728	-149,303	-0,210	1,426	11,234	-0,005	53,846	0,209	-149,303	0,000	-0,210	0,000	0,000	1,426
	13784	5	10,400	-24,050	-147,096	-0,214	1,358	11,550	-0,017	53,846	0,214	-147,096	0,000	-0,214	0,000	0,000	1,358
EmbeddedBeamRow_1_1	13784	1	10,400	-24,050	-147,091	-0,213	1,358	11,550	-0,017	53,846	0,214	-147,091	0,000	-0,213	0,000	0,000	1,358
Element 1-16 (Embedded beam row)	13785	2	10,400	-24,376	-144,755	-0,221	1,287	11,883	-0,028	53,846	0,221	-144,755	0,000	-0,221	0,000	0,000	1,287
(palo 1500)	13786	3	10,400	-24,701	-142,302	-0,232	1,214	12,232	-0,037	53,846	0,227	-142,302	0,000	-0,232	0,000	0,000	1,214
	13787	4	10,400	-25,027	-139,734	-0,244	1,136	12,596	-0,043	53,846	0,234	-139,734	0,000	-0,244	0,000	0,000	1,136
	13788	5	10,400	-25,353	-137,049	-0,260	1,054	12,976	-0,047	53,846	0,241	-137,049	0,000	-0,260	0,000	0,000	1,054
EmbeddedBeamRow_1_1	13788	1	10,400	-25,353	-137,044	-0,259	1,054	12,976	-0,047	53,846	0,241	-137,044	0,000	-0,259	0,000	0,000	1,054
Element 1-17 (Embedded beam row)	13789	2	10,400	-25,682	-134,203	-0,276	0,966	13,376	-0,048	53,846	0,248	-134,203	0,000	-0,276	0,000	0,000	0,966
(palo 1500)	13790	3	10,400	-26,011	-131,223	-0,291	0,873	13,791	-0,045	53,846	0,256	-131,223	0,000	-0,291	0,000	0,000	0,873
	13791	4	10,400	-26,340	-128,103	-0,304	0,775	14,221	-0,037	53,846	0,264	-128,103	0,000	-0,304	0,000	0,000	0,775
	13792	5	10,400	-26,670	-124,845	-0,315	0,673	14,662	-0,023	53,846	0,272	-124,845	0,000	-0,315	0,000	0,000	0,673
EmbeddedBeamRow_1_1	13792	1	10,400	-26,670	-124,842	-0,313	0,673	14,662	-0,023	53,846	0,272	-124,842	0,000	-0,313	0,000	0,000	0,673
Element 1-18 (Embedded beam row)	13793	2	10,400	-27,002	-121,398	-0,319	0,568	15,115	-0,003	53,846	0,281	-121,398	0,000	-0,319	0,000	0,000	0,568
(palo 1500)	13794	3	10,400	-27,335	-117,801	-0,316	0,462	15,570	0,023	53,846	0,289	-117,801	0,000	-0,316	0,000	0,000	0,462
	13795	4	10,400	-27,667	-114,057	-0,302	0,359	16,008	0,058	53,846	0,297	-114,057	0,000	-0,302	0,000	0,000	0,359
	13796	5	10,400	-28,000	-110,167	-0,277	0,262	16,402	0,108	53,846	0,305	-110,167	0,000	-0,277	0,000	0,000	0,262
EmbeddedBeamRow_1_1	13796	1	10,400	-28,000	-110,249	-0,275	0,262	16,396	0,108	53,846	0,304	-110,249	0,000	-0,275	0,000	0,000	0,262
Element 1-19 (Embedded beam row)	13797	2	10,400	-28,403	-105,252	-0,228	0,161	16,844	0,130	53,846	0,313	-105,252	0,000	-0,228	0,000	0,000	0,161
(palo 1500)	13798	3	10,400	-28,805	-100,296	-0,171	0,080	17,094	0,153	53,846	0,317	-100,296	0,000	-0,171	0,000	0,000	0,080
	13799	4	10,400	-29,207	-95,495	-0,101	0,025	16,069	0,189	53,846	0,298	-95,495	0,000	-0,101	0,000	0,000	0,025
	13800	5	10,400	-29,610	-90,966	-0,019	0,000	12,184	0,373	53,846	0,226	-90,966	0,000	-0,019	0,021	0,000	0,000
EmbeddedBeamRow_3_1	13801	1	14,300	-5,610	-129,730	-0,590	3,794	0,000	0,000	53,846	0,000	-129,730	0,000	-0,590	0,000	0,000	3,794
Element 2-20 (Embedded beam row)	13802	2	14,300	-6,010	-131,521	-0,590	3,558	0,120	-0,001	53,846	0,002	-131,521	0,000	-0,590	0,000	0,000	3,558
(palo 1500)	13803	3	14,300	-6,411	-133,261	-0,591	3,322	0,250	-0,001	53,846	0,005	-133,261	0,000	-0,591	0,000	0,000	3,322
	13804	4	14,300	-6,811	-134,949	-0,590	3,085	0,382	0,001	53,846	0,007	-134,949	0,000	-0,590	0,000	0,000	3,085
	13805	5	14,300	-7,211	-136,583	-0,590	2,849	0,510	0,008	53,846	0,009	-136,583	0,000	-0,590	0,000	0,000	2,849
EmbeddedBeamRow_3_1	13805	1	14,300	-7,211	-136,581	-0,589	2,849	1,354	0,022	53,846	0,025	-136,581	0,000	-0,589	0,000	0,000	2,849
Element 2-21 (Embedded beam row)	13806	2	14,300	-7,524	-137,569	-0,580	2,666	1,406	0,036	53,846	0,026	-137,569	0,000	-0,580	0,000	0,000	2,666
(palo 1500)	13807	3	14,300	-7,836	-138,535	-0,567	2,487	1,479	0,048	53,846	0,027	-138,535	0,000	-0,567	0,000	0,000	2,487
	13808	4	14,300	-8,149	-139,476	-0,550	2,312	1,561	0,057	53,846	0,029	-139,476	0,000	-0,550	0,000	0,000	2,312

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N -- - [kN/m]	N --- [kN/m]	Q - -- [kN/m]	Q --- [kN/m]	M - - - [kN m/m]	M --- [kN m/m]
	13809	5	14,300	-8,461	-140,391	-0,531	2,143	1,643	0,062	53,846	0,031	-140,391	0,000	-0,531	0,000	0,000	2,143
EmbeddedBeamRow_3_1	13809	1	14,300	-8,461	-140,391	-0,531	2,143	1,643	0,062	53,846	0,031	-140,391	0,000	-0,531	0,000	0,000	2,143
Element 2-22 (Embedded beam row)	13810	2	14,300	-8,774	-141,280	-0,511	1,980	1,726	0,064	53,846	0,032	-141,280	0,000	-0,511	0,000	0,000	1,980
(palo 1500)	13811	3	14,300	-9,086	-142,144	-0,491	1,824	1,809	0,065	53,846	0,034	-142,144	0,000	-0,491	0,000	0,000	1,824
	13812	4	14,300	-9,399	-142,982	-0,471	1,673	1,893	0,065	53,846	0,035	-142,982	0,000	-0,471	0,000	0,000	1,673
	13813	5	14,300	-9,711	-143,793	-0,450	1,529	1,979	0,064	53,846	0,037	-143,793	0,000	-0,450	0,000	0,000	1,529
EmbeddedBeamRow_3_1	13813	1	14,300	-9,711	-143,793	-0,451	1,529	1,979	0,064	53,846	0,037	-143,793	0,000	-0,451	0,000	0,000	1,529
Element 2-23 (Embedded beam row)	13814	2	14,300	-10,024	-144,577	-0,431	1,392	2,064	0,062	53,846	0,038	-144,577	0,000	-0,431	0,000	0,000	1,392
(palo 1500)	13815	3	14,300	-10,336	-145,334	-0,412	1,260	2,151	0,060	53,846	0,040	-145,334	0,000	-0,412	0,000	0,000	1,260
	13816	4	14,300	-10,649	-146,064	-0,393	1,134	2,239	0,057	53,846	0,042	-146,064	0,000	-0,393	0,000	0,000	1,134
	13817	5	14,300	-10,961	-146,767	-0,376	1,014	2,328	0,054	53,846	0,043	-146,767	0,000	-0,376	0,000	0,000	1,014
EmbeddedBeamRow_3_1	13817	1	14,300	-10,961	-146,767	-0,376	1,014	2,328	0,054	53,846	0,043	-146,767	0,000	-0,376	0,000	0,000	1,014
Element 2-24 (Embedded beam row)	13818	2	14,300	-11,274	-147,441	-0,360	0,899	2,417	0,052	53,846	0,045	-147,441	0,000	-0,360	0,000	0,000	0,899
(palo 1500)	13819	3	14,300	-11,586	-148,088	-0,344	0,789	2,506	0,049	53,846	0,047	-148,088	0,000	-0,344	0,000	0,000	0,789
	13820	4	14,300	-11,899	-148,707	-0,328	0,684	2,595	0,048	53,846	0,048	-148,707	0,000	-0,328	0,000	0,000	0,684
	13821	5	14,300	-12,211	-149,298	-0,314	0,584	2,680	0,050	53,846	0,050	-149,298	0,000	-0,314	0,000	0,000	0,584
EmbeddedBeamRow_3_1	13821	1	14,300	-12,211	-149,298	-0,314	0,584	3,755	0,070	53,846	0,070	-149,298	0,000	-0,314	0,000	0,000	0,584
Element 2-25 (Embedded beam row)	13822	2	14,300	-12,496	-149,512	-0,293	0,498	3,813	0,074	53,846	0,071	-149,512	0,000	-0,293	0,000	0,000	0,498
(palo 1500)	13823	3	14,300	-12,781	-149,707	-0,272	0,417	3,881	0,073	53,846	0,072	-149,707	0,000	-0,272	0,000	0,000	0,417
	13824	4	14,300	-13,066	-149,881	-0,251	0,343	3,954	0,071	53,846	0,073	-149,881	0,000	-0,251	0,000	0,000	0,343
	13825	5	14,300	-13,351	-150,036	-0,231	0,274	4,030	0,069	53,846	0,075	-150,036	0,000	-0,231	0,000	0,000	0,274
EmbeddedBeamRow_3_1	13825	1	14,300	-13,351	-150,035	-0,231	0,274	4,030	0,069	53,846	0,075	-150,035	0,000	-0,231	0,000	0,000	0,274
Element 2-26 (Embedded beam row)	13826	2	14,300	-13,639	-150,168	-0,212	0,210	4,109	0,066	53,846	0,076	-150,168	0,000	-0,212	0,000	0,000	0,210
(palo 1500)	13827	3	14,300	-13,927	-150,278	-0,194	0,152	4,192	0,062	53,846	0,078	-150,278	0,000	-0,194	0,000	0,000	0,152
	13828	4	14,300	-14,215	-150,363	-0,176	0,099	4,278	0,059	53,846	0,079	-150,363	0,000	-0,176	0,000	0,000	0,099
	13829	5	14,300	-14,503	-150,424	-0,160	0,050	4,366	0,055	53,846	0,081	-150,424	0,000	-0,160	0,000	0,000	0,050
EmbeddedBeamRow_3_1	13829	1	14,300	-14,503	-150,423	-0,160	0,050	4,366	0,055	53,846	0,081	-150,423	0,000	-0,160	0,000	0,000	0,050
Element 2-27 (Embedded beam row)	13830	2	14,300	-14,794	-150,459	-0,144	0,006	4,458	0,051	53,846	0,083	-150,459	0,000	-0,144	0,000	-0,016	0,006
(palo 1500)	13831	3	14,300	-15,084	-150,466	-0,130	-0,034	4,552	0,047	53,846	0,085	-150,466	0,000	-0,130	0,000	-0,036	0,000
	13832	4	14,300	-15,375	-150,446	-0,117	-0,070	4,650	0,043	53,846	0,086	-150,446	0,000	-0,117	0,000	-0,071	0,000
	13833	5	14,300	-15,666	-150,397	-0,105	-0,102	4,750	0,039	53,846	0,088	-150,397	0,000	-0,105	0,000	-0,102	0,000
EmbeddedBeamRow_3_1	13833	1	14,300	-15,666	-150,397	-0,105	-0,102	4,750	0,039	53,846	0,088	-150,397	0,000	-0,105	0,000	-0,102	0,000
Element 2-28 (Embedded beam row)	13834	2	14,300	-15,960	-150,317	-0,094	-0,131	4,852	0,035	53,846	0,090	-150,317	0,000	-0,094	0,000	-0,131	0,000
(palo 1500)	13835	3	14,300	-16,254	-150,208	-0,084	-0,157	4,955	0,032	53,846	0,092	-150,208	0,000	-0,084	0,000	-0,157	0,000
	13836	4	14,300	-16,548	-150,067	-0,075	-0,181	5,060	0,029	53,846	0,094	-150,067	0,000	-0,075	0,000	-0,181	0,000
	13837	5	14,300	-16,842	-149,897	-0,067	-0,202	5,166	0,026	53,846	0,096	-149,897	0,000	-0,067	0,000	-0,202	0,000

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- [kN/m/m]	T---	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
EmbeddedBeamRow_3_1	13837	1	14,300	-16,842	-149,896	-0,067	-0,202	5,163	0,026	53,846	0,096	-149,896	0,000	-0,067	0,000	-0,202	0,000
Element 2-29 (Embedded beam row)	13838	2	14,300	-17,140	-149,694	-0,060	-0,221	5,267	0,023	53,846	0,098	-149,694	0,000	-0,060	0,000	-0,221	0,000
(palo 1500)	13839	3	14,300	-17,437	-149,459	-0,054	-0,238	5,375	0,021	53,846	0,100	-149,459	0,000	-0,054	0,000	-0,238	0,000
	13840	4	14,300	-17,734	-149,191	-0,048	-0,253	5,488	0,019	53,846	0,102	-149,191	0,000	-0,048	0,000	-0,253	0,000
	13841	5	14,300	-18,031	-148,891	-0,042	-0,266	5,604	0,017	53,846	0,104	-148,891	0,000	-0,042	0,000	-0,266	0,000
EmbeddedBeamRow_3_1	13841	1	14,300	-18,031	-148,889	-0,042	-0,266	5,604	0,017	53,846	0,104	-148,889	0,000	-0,042	0,000	-0,266	0,000
Element 2-30 (Embedded beam row)	13842	2	14,300	-18,331	-148,550	-0,037	-0,278	5,727	0,016	53,846	0,106	-148,550	0,000	-0,037	0,000	-0,278	0,000
(palo 1500)	13843	3	14,300	-18,631	-148,171	-0,033	-0,288	5,855	0,015	53,846	0,109	-148,171	0,000	-0,033	0,000	-0,288	0,000
	13844	4	14,300	-18,932	-147,754	-0,028	-0,298	5,987	0,015	53,846	0,111	-147,754	0,000	-0,028	0,000	-0,298	0,000
	13845	5	14,300	-19,232	-147,297	-0,024	-0,305	6,126	0,014	53,846	0,114	-147,297	0,000	-0,024	0,000	-0,305	0,000
EmbeddedBeamRow_3_1	13845	1	14,300	-19,232	-147,295	-0,024	-0,305	6,126	0,014	53,846	0,114	-147,295	0,000	-0,024	0,000	-0,305	0,000
Element 2-31 (Embedded beam row)	13846	2	14,300	-19,535	-146,791	-0,020	-0,312	6,271	0,014	53,846	0,116	-146,791	0,000	-0,020	0,000	-0,312	0,000
(palo 1500)	13847	3	14,300	-19,839	-146,240	-0,015	-0,317	6,422	0,014	53,846	0,119	-146,240	0,000	-0,015	0,000	-0,317	0,000
	13848	4	14,300	-20,142	-145,642	-0,011	-0,321	6,580	0,015	53,846	0,122	-145,642	0,000	-0,011	0,000	-0,321	0,000
	13849	5	14,300	-20,445	-144,997	-0,006	-0,324	6,745	0,015	53,846	0,125	-144,997	0,000	-0,006	0,000	-0,324	0,000
EmbeddedBeamRow_3_1	13849	1	14,300	-20,445	-144,995	-0,006	-0,324	6,745	0,015	53,846	0,125	-144,995	0,000	-0,006	0,000	-0,324	0,000
Element 2-32 (Embedded beam row)	13850	2	14,300	-20,752	-144,291	-0,002	-0,325	6,919	0,016	53,846	0,128	-144,291	0,000	-0,002	0,001	-0,325	0,000
(palo 1500)	13851	3	14,300	-21,059	-143,531	0,003	-0,325	7,100	0,017	53,846	0,132	-143,531	0,000	0,000	0,003	-0,325	0,000
	13852	4	14,300	-21,365	-142,714	0,009	-0,323	7,290	0,017	53,846	0,135	-142,714	0,000	0,000	0,009	-0,323	0,000
	13853	5	14,300	-21,672	-141,840	0,014	-0,319	7,489	0,018	53,846	0,139	-141,840	0,000	0,000	0,014	-0,319	0,000
EmbeddedBeamRow_3_1	13853	1	14,300	-21,672	-141,837	0,014	-0,319	7,489	0,018	53,846	0,139	-141,837	0,000	0,000	0,014	-0,319	0,000
Element 2-33 (Embedded beam row)	13854	2	14,300	-21,982	-140,891	0,020	-0,314	7,699	0,019	53,846	0,143	-140,891	0,000	0,000	0,020	-0,314	0,000
(palo 1500)	13855	3	14,300	-22,291	-139,875	0,026	-0,307	7,919	0,019	53,846	0,147	-139,875	0,000	0,000	0,026	-0,307	0,000
	13856	4	14,300	-22,601	-138,789	0,032	-0,298	8,151	0,020	53,846	0,151	-138,789	0,000	0,000	0,032	-0,298	0,000
	13857	5	14,300	-22,911	-137,632	0,038	-0,287	8,394	0,020	53,846	0,156	-137,632	0,000	0,000	0,038	-0,287	0,000
EmbeddedBeamRow_3_1	13857	1	14,300	-22,911	-137,629	0,038	-0,287	8,394	0,020	53,846	0,156	-137,629	0,000	0,000	0,038	-0,287	0,000
Element 2-34 (Embedded beam row)	13858	2	14,300	-23,224	-136,382	0,044	-0,275	8,652	0,019	53,846	0,161	-136,382	0,000	0,000	0,044	-0,275	0,000
(palo 1500)	13859	3	14,300	-23,537	-135,049	0,050	-0,260	8,924	0,019	53,846	0,166	-135,049	0,000	0,000	0,050	-0,260	0,000
	13860	4	14,300	-23,850	-133,628	0,056	-0,243	9,210	0,018	53,846	0,171	-133,628	0,000	0,000	0,056	-0,243	0,000
	13861	5	14,300	-24,163	-132,120	0,061	-0,225	9,511	0,016	53,846	0,177	-132,120	0,000	0,000	0,061	-0,225	0,000
EmbeddedBeamRow_3_1	13861	1	14,300	-24,163	-132,115	0,061	-0,225	9,511	0,016	53,846	0,177	-132,115	0,000	0,000	0,061	-0,225	0,000
Element 2-35 (Embedded beam row)	13862	2	14,300	-24,480	-130,493	0,066	-0,205	9,833	0,014	53,846	0,183	-130,493	0,000	0,000	0,066	-0,205	0,000
(palo 1500)	13863	3	14,300	-24,796	-128,761	0,070	-0,184	10,172	0,011	53,846	0,189	-128,761	0,000	0,000	0,070	-0,184	0,000
	13864	4	14,300	-25,113	-126,919	0,073	-0,161	10,530	0,008	53,846	0,196	-126,919	0,000	0,000	0,073	-0,163	0,000
	13865	5	14,300	-25,429	-124,967	0,074	-0,138	10,908	0,004	53,846	0,203	-124,967	0,000	0,000	0,074	-0,141	0,000
EmbeddedBeamRow_3_1	13865	1	14,300	-25,429	-124,960	0,074	-0,138	10,908	0,004	53,846	0,203	-124,960	0,000	0,000	0,074	-0,141	0,000

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
Element 2-36 (Embedded beam row)	13866	2	14,300	-25,749	-122,863	0,075	-0,114	11,310	-0,001	53,846	0,210	-122,863	0,000	0,000	0,075	-0,119	0,000
(palo 1500)	13867	3	14,300	-26,068	-120,627	0,074	-0,090	11,734	-0,006	53,846	0,218	-120,627	0,000	0,000	0,074	-0,097	0,000
	13868	4	14,300	-26,388	-118,252	0,071	-0,067	12,179	-0,012	53,846	0,226	-118,252	0,000	0,000	0,071	-0,075	0,000
	13869	5	14,300	-26,708	-115,738	0,066	-0,045	12,643	-0,018	53,846	0,235	-115,738	0,000	0,000	0,066	-0,055	0,000
EmbeddedBeamRow_3_1	13869	1	14,300	-26,708	-115,733	0,066	-0,045	12,643	-0,018	53,846	0,235	-115,733	0,000	0,000	0,066	-0,055	0,000
Element 2-37 (Embedded beam row)	13870	2	14,300	-27,031	-113,037	0,059	-0,025	13,127	-0,024	53,846	0,244	-113,037	0,000	0,000	0,059	-0,046	0,000
(palo 1500)	13871	3	14,300	-27,354	-110,180	0,050	-0,007	13,622	-0,031	53,846	0,253	-110,180	0,000	0,000	0,050	-0,038	0,000
	13872	4	14,300	-27,677	-107,163	0,039	0,007	14,114	-0,038	53,846	0,262	-107,163	0,000	0,000	0,040	-0,030	0,007
	13873	5	14,300	-28,000	-103,989	0,026	0,018	14,575	-0,047	53,846	0,271	-103,989	0,000	0,000	0,028	-0,022	0,018
EmbeddedBeamRow_3_1	13873	1	14,300	-28,000	-104,048	0,028	0,018	14,571	-0,047	53,846	0,271	-104,048	0,000	0,000	0,029	-0,022	0,018
Element 2-38 (Embedded beam row)	13874	2	14,300	-28,403	-99,806	0,004	0,024	15,095	-0,053	53,846	0,280	-99,806	0,000	0,000	0,019	-0,014	0,024
(palo 1500)	13875	3	14,300	-28,805	-95,512	-0,016	0,021	15,492	-0,057	53,846	0,288	-95,512	0,000	-0,016	0,014	-0,007	0,021
	13876	4	14,300	-29,207	-91,257	-0,029	0,012	14,904	-0,013	53,846	0,277	-91,257	0,000	-0,029	0,009	-0,002	0,012
	13877	5	14,300	-29,610	-87,131	-0,028	0,000	11,667	0,242	53,846	0,217	-87,131	0,000	-0,028	0,003	0,000	0,000
EmbeddedBeamRow_2_1	13878	1	18,200	-5,610	-170,697	-8,247	29,163	0,000	0,000	53,846	0,000	-170,697	0,000	-8,247	0,000	0,000	29,163
Element 3-39 (Embedded beam row)	13879	2	18,200	-5,885	-171,927	-8,229	26,899	0,110	0,124	53,846	0,002	-171,927	0,000	-8,229	0,000	0,000	26,899
(palo 1500)	13880	3	18,200	-6,159	-173,126	-8,179	24,644	0,224	0,242	53,846	0,004	-173,126	0,000	-8,179	0,000	0,000	24,644
	13881	4	18,200	-6,434	-174,293	-8,098	22,407	0,341	0,348	53,846	0,006	-174,293	0,000	-8,098	0,000	0,000	22,407
	13882	5	18,200	-6,709	-175,428	-7,987	20,197	0,462	0,441	53,846	0,009	-175,428	0,000	-7,987	0,000	0,000	20,197
EmbeddedBeamRow_2_1	13882	1	18,200	-6,709	-175,428	-7,990	20,197	0,462	0,441	53,846	0,009	-175,428	0,000	-7,990	0,000	0,000	20,197
Element 3-40 (Embedded beam row)	13883	2	18,200	-6,951	-176,401	-7,873	18,275	0,567	0,512	53,846	0,011	-176,401	0,000	-7,873	0,000	0,000	18,275
(palo 1500)	13884	3	18,200	-7,194	-177,349	-7,741	16,383	0,672	0,576	53,846	0,012	-177,349	0,000	-7,741	0,000	0,000	16,383
	13885	4	18,200	-7,436	-178,272	-7,595	14,524	0,776	0,633	53,846	0,014	-178,272	0,000	-7,595	0,000	0,000	14,524
	13886	5	18,200	-7,678	-179,169	-7,434	12,703	0,878	0,684	53,846	0,016	-179,169	0,000	-7,434	0,000	0,000	12,703
EmbeddedBeamRow_2_1	13886	1	18,200	-7,678	-179,165	-7,436	12,703	2,344	1,826	53,846	0,044	-179,165	0,000	-7,436	0,000	0,000	12,703
Element 3-41 (Embedded beam row)	13887	2	18,200	-7,991	-179,844	-6,871	10,469	2,413	1,781	53,846	0,045	-179,844	0,000	-6,871	0,000	0,000	10,469
(palo 1500)	13888	3	18,200	-8,303	-180,489	-6,322	8,407	2,525	1,733	53,846	0,047	-180,489	0,000	-6,322	0,000	0,000	8,407
	13889	4	18,200	-8,616	-181,096	-5,792	6,515	2,646	1,666	53,846	0,049	-181,096	0,000	-5,792	0,000	0,000	6,515
	13890	5	18,200	-8,928	-181,667	-5,281	4,785	2,767	1,587	53,846	0,051	-181,667	0,000	-5,281	0,000	0,000	4,785
EmbeddedBeamRow_2_1	13890	1	18,200	-8,928	-181,667	-5,282	4,785	2,767	1,587	53,846	0,051	-181,667	0,000	-5,282	0,000	0,000	4,785
Element 3-42 (Embedded beam row)	13891	2	18,200	-9,241	-182,199	-4,800	3,211	2,887	1,505	53,846	0,054	-182,199	0,000	-4,800	0,000	0,000	3,211
(palo 1500)	13892	3	18,200	-9,553	-182,694	-4,342	1,783	3,007	1,421	53,846	0,056	-182,694	0,000	-4,342	0,000	0,000	1,783
	13893	4	18,200	-9,866	-183,152	-3,911	0,494	3,127	1,339	53,846	0,058	-183,152	0,000	-3,911	0,000	0,000	0,500
	13894	5	18,200	-10,178	-183,572	-3,505	-0,664	3,246	1,259	53,846	0,060	-183,572	0,000	-3,505	0,000	-0,664	0,000
EmbeddedBeamRow_2_1	13894	1	18,200	-10,178	-183,572	-3,504	-0,664	3,246	1,259	53,846	0,060	-183,572	0,000	-3,504	0,000	-0,664	0,000
Element 3-43 (Embedded beam row)	13895	2	18,200	-10,491	-183,955	-3,124	-1,699	3,364	1,181	53,846	0,062	-183,955	0,000	-3,124	0,000	-1,699	0,000

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
(palo 1500)	13896	3	18,200	-10,803	-184,301	-2,767	-2,619	3,482	1,108	53,846	0,065	-184,301	0,000	-2,767	0,000	-2,619	0,000
	13897	4	18,200	-11,116	-184,611	-2,431	-3,431	3,599	1,040	53,846	0,067	-184,611	0,000	-2,431	0,000	-3,431	0,000
	13898	5	18,200	-11,428	-184,884	-2,117	-4,141	3,715	0,978	53,846	0,069	-184,884	0,000	-2,117	0,000	-4,141	0,000
EmbeddedBeamRow_2_1	13898	1	18,200	-11,428	-184,885	-2,115	-4,141	3,722	0,980	53,846	0,069	-184,885	0,000	-2,115	0,000	-4,141	0,000
Element 3-44 (Embedded beam row)	13899	2	18,200	-11,741	-185,122	-1,820	-4,755	3,815	0,921	53,846	0,071	-185,122	0,000	-1,820	0,000	-4,755	0,000
(palo 1500)	13900	3	18,200	-12,053	-185,332	-1,539	-5,279	3,904	0,872	53,846	0,073	-185,332	0,000	-1,539	0,000	-5,279	0,000
	13901	4	18,200	-12,366	-185,515	-1,272	-5,718	3,988	0,835	53,846	0,074	-185,515	0,000	-1,272	0,000	-5,718	0,000
	13902	5	18,200	-12,678	-185,672	-1,018	-6,076	4,065	0,813	53,846	0,075	-185,672	0,000	-1,018	0,000	-6,076	0,000
EmbeddedBeamRow_2_1	13902	1	18,200	-12,678	-185,671	-1,015	-6,076	5,693	1,139	53,846	0,106	-185,671	0,000	-1,015	0,000	-6,076	0,000
Element 3-45 (Embedded beam row)	13903	2	18,200	-12,978	-185,314	-0,695	-6,331	5,766	1,006	53,846	0,107	-185,314	0,000	-0,695	0,000	-6,331	0,000
(palo 1500)	13904	3	18,200	-13,277	-184,931	-0,413	-6,496	5,852	0,877	53,846	0,109	-184,931	0,000	-0,413	0,000	-6,496	0,000
	13905	4	18,200	-13,577	-184,522	-0,168	-6,582	5,944	0,756	53,846	0,110	-184,522	0,000	-0,168	0,000	-6,582	0,000
	13906	5	18,200	-13,876	-184,086	0,040	-6,600	6,039	0,644	53,846	0,112	-184,086	0,000	0,000	0,040	-6,600	0,000
EmbeddedBeamRow_2_1	13906	1	18,200	-13,876	-184,084	0,042	-6,600	6,039	0,644	53,846	0,112	-184,084	0,000	0,000	0,042	-6,600	0,000
Element 3-46 (Embedded beam row)	13907	2	18,200	-14,179	-183,613	0,220	-6,560	6,139	0,540	53,846	0,114	-183,613	0,000	0,000	0,220	-6,560	0,000
(palo 1500)	13908	3	18,200	-14,482	-183,110	0,369	-6,470	6,243	0,444	53,846	0,116	-183,110	0,000	0,000	0,369	-6,470	0,000
	13909	4	18,200	-14,785	-182,575	0,491	-6,339	6,350	0,356	53,846	0,118	-182,575	0,000	0,000	0,491	-6,339	0,000
	13910	5	18,200	-15,088	-182,008	0,585	-6,175	6,460	0,277	53,846	0,120	-182,008	0,000	0,000	0,585	-6,175	0,000
EmbeddedBeamRow_2_1	13910	1	18,200	-15,088	-182,007	0,587	-6,175	6,461	0,277	53,846	0,120	-182,007	0,000	0,000	0,587	-6,175	0,000
Element 3-47 (Embedded beam row)	13911	2	18,200	-15,395	-181,402	0,659	-5,984	6,559	0,205	53,846	0,122	-181,402	0,000	0,000	0,659	-5,984	0,000
(palo 1500)	13912	3	18,200	-15,701	-180,765	0,712	-5,773	6,660	0,140	53,846	0,124	-180,765	0,000	0,000	0,712	-5,773	0,000
	13913	4	18,200	-16,008	-180,096	0,747	-5,549	6,763	0,084	53,846	0,126	-180,096	0,000	0,000	0,747	-5,549	0,000
	13914	5	18,200	-16,314	-179,397	0,763	-5,317	6,869	0,035	53,846	0,128	-179,397	0,000	0,000	0,763	-5,317	0,000
EmbeddedBeamRow_2_1	13914	1	18,200	-16,314	-179,395	0,765	-5,317	6,869	0,035	53,846	0,128	-179,395	0,000	0,000	0,765	-5,317	0,000
Element 3-48 (Embedded beam row)	13915	2	18,200	-16,624	-178,655	0,768	-5,079	6,979	-0,007	53,846	0,130	-178,655	0,000	0,000	0,768	-5,079	0,000
(palo 1500)	13916	3	18,200	-16,934	-177,878	0,760	-4,842	7,093	-0,043	53,846	0,132	-177,878	0,000	0,000	0,760	-4,842	0,000
	13917	4	18,200	-17,244	-177,066	0,743	-4,609	7,212	-0,072	53,846	0,134	-177,066	0,000	0,000	0,743	-4,609	0,000
	13918	5	18,200	-17,554	-176,217	0,715	-4,383	7,335	-0,096	53,846	0,136	-176,217	0,000	0,000	0,715	-4,383	0,000
EmbeddedBeamRow_2_1	13918	1	18,200	-17,554	-176,215	0,717	-4,383	7,335	-0,096	53,846	0,136	-176,215	0,000	0,000	0,717	-4,383	0,000
Element 3-49 (Embedded beam row)	13919	2	18,200	-17,868	-175,317	0,683	-4,163	7,465	-0,114	53,846	0,139	-175,317	0,000	0,000	0,683	-4,163	0,000
(palo 1500)	13920	3	18,200	-18,181	-174,376	0,645	-3,955	7,600	-0,128	53,846	0,141	-174,376	0,000	0,000	0,645	-3,955	0,000
	13921	4	18,200	-18,495	-173,391	0,604	-3,759	7,740	-0,137	53,846	0,144	-173,391	0,000	0,000	0,604	-3,759	0,000
	13922	5	18,200	-18,808	-172,364	0,559	-3,577	7,887	-0,141	53,846	0,146	-172,364	0,000	0,000	0,559	-3,577	0,000
EmbeddedBeamRow_2_1	13922	1	18,200	-18,808	-172,362	0,560	-3,577	7,887	-0,141	53,846	0,146	-172,362	0,000	0,000	0,560	-3,577	0,000
Element 3-50 (Embedded beam row)	13923	2	18,200	-19,125	-171,275	0,514	-3,406	8,041	-0,142	53,846	0,149	-171,275	0,000	0,000	0,514	-3,406	0,000
(palo 1500)	13924	3	18,200	-19,442	-170,136	0,470	-3,250	8,201	-0,140	53,846	0,152	-170,136	0,000	0,000	0,470	-3,250	0,000

Structural element	Node [10⁻]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
	13925	4	18,200	-19,760	-168,945	0,427	-3,108	8,368	-0,134	53,846	0,155	-168,945	0,000	0,000	0,427	-3,108	0,000
	13926	5	18,200	-20,077	-167,703	0,385	-2,980	8,542	-0,126	53,846	0,159	-167,703	0,000	0,000	0,385	-2,980	0,000
EmbeddedBeamRow_2_1	13926	1	18,200	-20,077	-167,700	0,385	-2,980	8,542	-0,126	53,846	0,159	-167,700	0,000	0,000	0,385	-2,980	0,000
Element 3-51 (Embedded beam row)	13927	2	18,200	-20,398	-166,387	0,346	-2,862	8,725	-0,115	53,846	0,162	-166,387	0,000	0,000	0,346	-2,862	0,000
(palo 1500)	13928	3	18,200	-20,718	-165,010	0,311	-2,757	8,916	-0,102	53,846	0,166	-165,010	0,000	0,000	0,311	-2,757	0,000
	13929	4	18,200	-21,039	-163,571	0,281	-2,662	9,116	-0,088	53,846	0,169	-163,571	0,000	0,000	0,281	-2,662	0,000
	13930	5	18,200	-21,360	-162,069	0,255	-2,576	9,324	-0,072	53,846	0,173	-162,069	0,000	0,000	0,255	-2,576	0,000
EmbeddedBeamRow_2_1	13930	1	18,200	-21,360	-162,066	0,255	-2,576	9,324	-0,072	53,846	0,173	-162,066	0,000	0,000	0,255	-2,576	0,000
Element 3-52 (Embedded beam row)	13931	2	18,200	-21,684	-160,478	0,235	-2,497	9,544	-0,054	53,846	0,177	-160,478	0,000	0,000	0,235	-2,497	0,000
(palo 1500)	13932	3	18,200	-22,009	-158,814	0,220	-2,423	9,773	-0,036	53,846	0,181	-158,814	0,000	0,000	0,220	-2,423	0,000
	13933	4	18,200	-22,333	-157,073	0,211	-2,353	10,013	-0,018	53,846	0,186	-157,073	0,000	0,000	0,211	-2,353	0,000
	13934	5	18,200	-22,658	-155,257	0,208	-2,285	10,263	0,000	53,846	0,191	-155,257	0,000	0,000	0,208	-2,285	0,000
EmbeddedBeamRow_2_1	13934	1	18,200	-22,658	-155,253	0,208	-2,285	10,263	0,000	53,846	0,191	-155,253	0,000	0,000	0,208	-2,285	0,000
Element 3-53 (Embedded beam row)	13935	2	18,200	-22,986	-153,333	0,212	-2,217	10,527	0,019	53,846	0,195	-153,333	0,000	0,000	0,212	-2,217	0,000
(palo 1500)	13936	3	18,200	-23,314	-151,319	0,221	-2,146	10,803	0,037	53,846	0,201	-151,319	0,000	0,000	0,221	-2,146	0,000
	13937	4	18,200	-23,642	-149,212	0,235	-2,071	11,092	0,053	53,846	0,206	-149,212	0,000	0,000	0,235	-2,071	0,000
	13938	5	18,200	-23,971	-147,013	0,256	-1,991	11,393	0,068	53,846	0,212	-147,013	0,000	0,000	0,256	-1,991	0,000
EmbeddedBeamRow_2_1	13938	1	18,200	-23,971	-147,009	0,255	-1,991	11,393	0,068	53,846	0,212	-147,009	0,000	0,000	0,255	-1,991	0,000
Element 3-54 (Embedded beam row)	13939	2	18,200	-24,302	-144,682	0,281	-1,902	11,711	0,082	53,846	0,217	-144,682	0,000	0,000	0,281	-1,902	0,000
(palo 1500)	13940	3	18,200	-24,634	-142,243	0,309	-1,804	12,043	0,092	53,846	0,224	-142,243	0,000	0,000	0,309	-1,804	0,000
	13941	4	18,200	-24,966	-139,690	0,341	-1,696	12,390	0,099	53,846	0,230	-139,690	0,000	0,000	0,341	-1,696	0,000
	13942	5	18,200	-25,298	-137,026	0,375	-1,577	12,750	0,102	53,846	0,237	-137,026	0,000	0,000	0,375	-1,577	0,000
EmbeddedBeamRow_2_1	13942	1	18,200	-25,298	-137,021	0,374	-1,577	12,750	0,102	53,846	0,237	-137,021	0,000	0,000	0,374	-1,577	0,000
Element 3-55 (Embedded beam row)	13943	2	18,200	-25,634	-134,202	0,409	-1,446	13,129	0,099	53,846	0,244	-134,202	0,000	0,000	0,409	-1,446	0,000
(palo 1500)	13944	3	18,200	-25,970	-131,248	0,441	-1,303	13,520	0,091	53,846	0,251	-131,248	0,000	0,000	0,441	-1,303	0,000
	13945	4	18,200	-26,306	-128,161	0,468	-1,150	13,923	0,074	53,846	0,259	-128,161	0,000	0,000	0,468	-1,150	0,000
	13946	5	18,200	-26,641	-124,942	0,491	-0,989	14,334	0,049	53,846	0,266	-124,942	0,000	0,000	0,491	-0,989	0,000
EmbeddedBeamRow_2_1	13946	1	18,200	-26,641	-124,940	0,488	-0,989	14,334	0,049	53,846	0,266	-124,940	0,000	0,000	0,488	-0,989	0,000
Element 3-56 (Embedded beam row)	13947	2	18,200	-26,981	-121,539	0,501	-0,821	14,752	0,013	53,846	0,274	-121,539	0,000	0,000	0,501	-0,821	0,000
(palo 1500)	13948	3	18,200	-27,321	-117,998	0,497	-0,651	15,165	-0,035	53,846	0,282	-117,998	0,000	0,000	0,497	-0,653	0,000
	13949	4	18,200	-27,660	-114,320	0,475	-0,485	15,554	-0,096	53,846	0,289	-114,320	0,000	0,000	0,475	-0,490	0,000
	13950	5	18,200	-28,000	-110,511	0,432	-0,331	15,894	-0,172	53,846	0,295	-110,511	0,000	0,000	0,432	-0,337	0,000
EmbeddedBeamRow_2_1	13950	1	18,200	-28,000	-110,574	0,434	-0,331	15,889	-0,172	53,846	0,295	-110,574	0,000	0,000	0,434	-0,337	0,000
Element 3-57 (Embedded beam row)	13951	2	18,200	-28,403	-105,838	0,339	-0,174	16,221	-0,265	53,846	0,301	-105,838	0,000	0,000	0,342	-0,181	0,000
(palo 1500)	13952	3	18,200	-28,805	-101,132	0,217	-0,061	16,410	-0,367	53,846	0,305	-101,132	0,000	0,000	0,224	-0,066	0,000
	13953	4	18,200	-29,207	-96,546	0,077	-0,001	15,628	-0,350	53,846	0,290	-96,546	0,000	0,000	0,084	-0,007	0,000

Structural element	Node [10 ˚]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T··· [kN/m/m]	T---·--- [kN/m/m]	T---·-··	N ··· [kN/m]	N --- [kN/m]	Q ··· [kN/m]	Q --- [kN/m]	M ··· [kN m/m]	M --- [kN m/m]
	13954	5	18,200	-29,610	-92,168	-0,069	0,000	12,336	0,177	53,846	0,229	-92,168	0,000	-0,069	0,000	0,000	0,000

3.3.2.1.7 Calculation results, Embedded beam row, rinfianco [Phase_9] (12/39), Table of embedded pile row force envelopes

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T---+-- [kN/m/m]	T---+--	N-- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
EmbeddedBeamRow_1_1	13724	1	10,400	-5,610	-490,255	-5,616	62,003	0,000	0,000	53,846	0,000	-490,255	0,000	-5,616	7,545	-21,834	62,003
Element 1-1 (Embedded beam row)	13725	2	10,400	-5,894	-491,542	-5,567	60,417	0,006	0,243	53,846	0,000	-491,542	0,000	-5,567	7,521	-19,697	60,417
(palo 1500)	13726	3	10,400	-6,177	-492,821	-5,476	58,850	0,036	0,414	53,846	0,001	-492,821	0,000	-5,476	7,458	-17,572	58,850
	13727	4	10,400	-6,461	-494,090	-5,349	57,314	0,071	0,499	53,846	0,001	-494,090	0,000	-5,349	7,355	-15,471	57,314
	13728	5	10,400	-6,744	-495,350	-5,191	55,820	0,104	0,515	53,846	0,002	-495,350	0,000	-5,191	7,215	-13,405	55,820
EmbeddedBeamRow_1_1	13728	1	10,400	-6,744	-495,356	-5,198	55,820	0,275	1,370	53,846	0,005	-495,356	0,000	-5,198	7,219	-13,405	55,820
Element 1-2 (Embedded beam row)	13729	2	10,400	-7,057	-496,699	-4,839	54,255	0,126	0,948	53,846	0,002	-496,699	0,000	-4,839	6,774	-11,219	54,255
(palo 1500)	13730	3	10,400	-7,369	-498,110	-4,608	52,782	-0,091	0,525	53,846	0,002	-498,110	0,000	-4,608	6,332	-9,171	52,782
	13731	4	10,400	-7,682	-499,586	-4,500	51,362	-0,294	0,151	53,846	0,005	-499,586	0,000	-4,500	5,894	-7,260	51,362
	13732	5	10,400	-7,994	-501,126	-4,515	49,956	-0,434	-0,125	53,846	0,008	-501,126	0,000	-4,515	5,461	-5,487	49,956
EmbeddedBeamRow_1_1	13732	1	10,400	-7,994	-501,111	-4,491	49,956	-0,434	-0,125	53,846	0,008	-501,111	0,000	-4,491	5,463	-5,487	49,956
Element 1-3 (Embedded beam row)	13733	2	10,400	-8,307	-502,687	-4,578	48,540	-0,503	-0,303	53,846	0,009	-502,687	0,000	-4,578	5,041	-3,846	48,540
(palo 1500)	13734	3	10,400	-8,619	-504,259	-4,682	47,093	-0,506	-0,380	53,846	0,009	-504,259	0,000	-4,682	4,631	-2,335	47,093
	13735	4	10,400	-8,932	-505,818	-4,800	45,612	-0,424	-0,389	53,846	0,008	-505,818	0,000	-4,800	4,233	-0,950	45,612
	13736	5	10,400	-9,244	-507,357	-4,927	44,092	-0,248	-0,386	53,846	0,005	-507,357	0,000	-4,927	3,849	0,000	44,092
EmbeddedBeamRow_1_1	13736	1	10,400	-9,244	-507,337	-4,923	44,092	-0,247	-0,386	53,846	0,005	-507,337	0,000	-4,923	3,850	0,000	44,092
Element 1-4 (Embedded beam row)	13737	2	10,400	-9,557	-508,804	-5,046	42,535	0,013	-0,387	53,846	0,000	-508,804	0,000	-5,046	3,481	0,000	42,535
(palo 1500)	13738	3	10,400	-9,869	-510,161	-5,166	40,939	0,356	-0,390	53,846	0,007	-510,161	0,000	-5,166	3,125	0,000	40,939
	13739	4	10,400	-10,182	-511,405	-5,281	39,306	0,742	-0,356	53,846	0,014	-511,405	0,000	-5,281	2,784	0,000	39,306
	13740	5	10,400	-10,494	-512,530	-5,389	37,639	1,152	-0,282	53,846	0,021	-512,530	0,000	-5,389	2,458	0,000	37,639
EmbeddedBeamRow_1_1	13740	1	10,400	-10,494	-512,525	-5,381	37,639	1,152	-0,282	53,846	0,021	-512,525	0,000	-5,381	2,457	0,000	37,639
Element 1-5 (Embedded beam row)	13741	2	10,400	-10,807	-513,517	-5,458	35,945	1,583	-0,175	53,846	0,029	-513,517	0,000	-5,458	2,143	0,000	35,945
(palo 1500)	13742	3	10,400	-11,119	-514,368	-5,491	34,232	2,033	-0,043	53,846	0,038	-514,368	0,000	-5,491	1,840	0,000	34,232
	13743	4	10,400	-11,432	-515,076	-5,481	32,516	2,496	0,107	53,846	0,046	-515,076	0,000	-5,481	1,549	0,000	32,516
	13744	5	10,400	-11,744	-515,640	-5,425	30,812	2,964	0,246	53,846	0,055	-515,640	0,000	-5,425	1,267	0,000	30,812
EmbeddedBeamRow_1_1	13744	1	10,400	-11,744	-515,631	-5,422	30,812	4,246	0,336	53,846	0,079	-515,631	0,000	-5,422	1,265	0,000	30,812
Element 1-6 (Embedded beam row)	13745	2	10,400	-12,038	-515,678	-5,314	29,236	4,580	0,437	53,846	0,085	-515,678	0,000	-5,314	0,919	0,000	29,236
(palo 1500)	13746	3	10,400	-12,331	-515,604	-5,165	27,698	4,981	0,574	53,846	0,093	-515,604	0,000	-5,165	0,610	0,000	27,698
	13747	4	10,400	-12,624	-515,405	-4,977	26,209	5,428	0,708	53,846	0,101	-515,405	0,000	-4,977	0,339	0,000	26,209
	13748	5	10,400	-12,918	-515,079	-4,750	24,782	5,907	0,810	53,846	0,110	-515,079	0,000	-4,750	0,105	0,000	24,782
EmbeddedBeamRow_1_1	13748	1	10,400	-12,918	-515,073	-4,755	24,782	5,907	0,810	53,846	0,110	-515,073	0,000	-4,755	0,103	0,000	24,782
Element 1-7 (Embedded beam row)	13749	2	10,400	-13,214	-514,593	-4,503	23,410	6,403	0,863	53,846	0,119	-514,593	0,000	-4,503	0,000	0,000	23,410

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
(palo 1500)	13750	3	10,400	-13,510	-513,964	-4,243	22,113	6,904	0,891	53,846	0,128	-513,964	0,000	-4,243	0,000	0,000	22,113
	13751	4	10,400	-13,807	-513,186	-3,977	20,894	7,409	0,911	53,846	0,138	-513,186	0,000	-3,977	0,000	0,000	20,894
	13752	5	10,400	-14,103	-512,258	-3,703	19,756	7,919	0,925	53,846	0,147	-512,258	0,000	-3,703	0,000	0,000	19,756
EmbeddedBeamRow_1_1	13752	1	10,400	-14,103	-512,256	-3,705	19,756	7,919	0,925	53,846	0,147	-512,256	0,000	-3,705	0,000	0,000	19,756
Element 1-8 (Embedded beam row)	13753	2	10,400	-14,403	-511,165	-3,426	18,688	8,440	0,931	53,846	0,157	-511,165	0,000	-3,426	0,000	0,000	18,688
(palo 1500)	13754	3	10,400	-14,702	-509,915	-3,147	17,703	8,967	0,931	53,846	0,167	-509,915	0,000	-3,149	0,000	0,000	17,703
	13755	4	10,400	-15,002	-508,506	-2,869	16,802	9,497	0,924	53,846	0,176	-508,506	0,000	-2,903	0,000	0,000	16,802
	13756	5	10,400	-15,302	-506,940	-2,593	15,984	10,031	0,911	53,846	0,186	-506,940	0,000	-2,664	0,000	0,000	15,984
EmbeddedBeamRow_1_1	13756	1	10,400	-15,302	-506,938	-2,595	15,984	10,030	0,911	53,846	0,186	-506,938	0,000	-2,666	0,000	0,000	15,984
Element 1-9 (Embedded beam row)	13757	2	10,400	-15,604	-505,194	-2,321	15,240	10,569	0,892	53,846	0,196	-505,194	0,000	-2,432	0,000	0,000	15,240
(palo 1500)	13758	3	10,400	-15,907	-503,283	-2,055	14,578	11,112	0,867	53,846	0,206	-503,283	0,000	-2,202	0,000	0,000	14,578
	13759	4	10,400	-16,210	-501,208	-1,797	13,995	11,660	0,837	53,846	0,217	-501,208	0,000	-1,975	0,000	0,000	13,995
	13760	5	10,400	-16,512	-498,968	-1,548	13,489	12,213	0,802	53,846	0,227	-498,968	0,000	-1,753	0,000	0,000	13,489
EmbeddedBeamRow_1_1	13760	1	10,400	-16,512	-498,966	-1,549	13,489	12,214	0,802	53,846	0,227	-498,966	0,000	-1,754	0,000	0,000	13,489
Element 1-10 (Embedded beam row)	13761	2	10,400	-16,818	-496,532	-1,309	13,053	12,771	0,763	53,846	0,237	-496,532	0,000	-1,563	0,000	0,000	13,053
(palo 1500)	13762	3	10,400	-17,124	-493,925	-1,082	12,687	13,331	0,719	53,846	0,248	-493,925	0,000	-1,380	0,000	0,000	12,687
	13763	4	10,400	-17,430	-491,147	-0,869	12,389	13,894	0,673	53,846	0,258	-491,147	0,000	-1,204	0,000	0,000	12,389
	13764	5	10,400	-17,736	-488,198	-0,671	12,154	14,462	0,623	53,846	0,269	-488,198	0,000	-1,043	0,000	0,000	12,154
EmbeddedBeamRow_1_1	13764	1	10,400	-17,736	-488,195	-0,671	12,154	14,463	0,623	53,846	0,269	-488,195	0,000	-1,044	0,000	0,000	12,154
Element 1-11 (Embedded beam row)	13765	2	10,400	-18,045	-485,038	-0,487	11,975	15,041	0,570	53,846	0,279	-485,038	0,000	-0,895	0,000	0,000	11,975
(palo 1500)	13766	3	10,400	-18,354	-481,698	-0,319	11,851	15,626	0,516	53,846	0,290	-481,698	0,000	-0,754	0,000	0,000	11,851
	13767	4	10,400	-18,663	-478,176	-0,168	11,776	16,218	0,459	53,846	0,301	-478,176	0,000	-0,670	0,000	0,000	11,776
	13768	5	10,400	-18,973	-474,474	-0,035	11,745	16,820	0,402	53,846	0,312	-474,474	0,000	-0,624	0,000	0,000	11,745
EmbeddedBeamRow_1_1	13768	1	10,400	-18,973	-474,469	-0,035	11,745	16,819	0,402	53,846	0,312	-474,469	0,000	-0,624	0,000	0,000	11,745
Element 1-12 (Embedded beam row)	13769	2	10,400	-19,285	-470,540	0,081	11,753	17,430	0,342	53,846	0,324	-470,540	0,000	-0,578	0,081	0,000	11,753
(palo 1500)	13770	3	10,400	-19,597	-466,412	0,179	11,794	18,052	0,282	53,846	0,335	-466,412	0,000	-0,532	0,179	0,000	11,794
	13771	4	10,400	-19,910	-462,088	0,257	11,863	18,686	0,221	53,846	0,347	-462,088	0,000	-0,488	0,257	0,000	11,863
	13772	5	10,400	-20,222	-457,570	0,317	11,953	19,332	0,160	53,846	0,359	-457,570	0,000	-0,446	0,317	0,000	11,953
EmbeddedBeamRow_1_1	13772	1	10,400	-20,222	-457,565	0,317	11,953	19,332	0,160	53,846	0,359	-457,565	0,000	-0,446	0,317	0,000	11,953
Element 1-13 (Embedded beam row)	13773	2	10,400	-20,538	-452,793	0,357	12,060	19,998	0,098	53,846	0,371	-452,793	0,000	-0,406	0,357	0,000	12,060
(palo 1500)	13774	3	10,400	-20,853	-447,801	0,378	12,176	20,678	0,035	53,846	0,384	-447,801	0,000	-0,369	0,378	0,000	12,176
	13775	4	10,400	-21,169	-442,593	0,379	12,297	21,374	-0,028	53,846	0,397	-442,593	0,000	-0,335	0,379	0,000	12,297
	13776	5	10,400	-21,485	-437,170	0,361	12,414	22,086	-0,091	53,846	0,410	-437,170	0,000	-0,304	0,361	0,000	12,414
EmbeddedBeamRow_1_1	13776	1	10,400	-21,485	-437,162	0,361	12,414	22,086	-0,091	53,846	0,410	-437,162	0,000	-0,304	0,361	0,000	12,414
Element 1-14 (Embedded beam row)	13777	2	10,400	-21,804	-431,452	0,321	12,523	22,822	-0,156	53,846	0,424	-431,452	0,000	-0,278	0,321	0,000	12,523
(palo 1500)	13778	3	10,400	-22,123	-425,495	0,261	12,617	23,577	-0,220	53,846	0,438	-425,495	0,000	-0,256	0,261	0,000	12,617

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
	13779	4	10,400	-22,442	-419,294	0,181	12,688	24,351	-0,286	53,846	0,452	-419,294	0,000	-0,238	0,181	0,000	12,688
	13780	5	10,400	-22,761	-412,853	0,079	12,730	25,146	-0,351	53,846	0,467	-412,853	0,000	-0,224	0,090	0,000	12,730
EmbeddedBeamRow_1_1	13780	1	10,400	-22,761	-412,844	0,079	12,730	25,146	-0,351	53,846	0,467	-412,844	0,000	-0,224	0,090	0,000	12,730
Element 1-15 (Embedded beam row)	13781	2	10,400	-23,083	-406,074	-0,045	12,736	25,970	-0,418	53,846	0,482	-406,074	0,000	-0,215	0,046	0,000	12,736
(palo 1500)	13782	3	10,400	-23,405	-399,025	-0,190	12,699	26,816	-0,485	53,846	0,498	-399,025	0,000	-0,210	0,003	0,000	12,699
	13783	4	10,400	-23,728	-391,699	-0,357	12,611	27,685	-0,552	53,846	0,514	-391,699	0,000	-0,357	0,000	0,000	12,611
	13784	5	10,400	-24,050	-384,101	-0,546	12,466	28,577	-0,618	53,846	0,531	-384,101	0,000	-0,546	0,000	0,000	12,466
EmbeddedBeamRow_1_1	13784	1	10,400	-24,050	-384,091	-0,546	12,466	28,577	-0,619	53,846	0,531	-384,091	0,000	-0,546	0,000	0,000	12,466
Element 1-16 (Embedded beam row)	13785	2	10,400	-24,376	-376,117	-0,758	12,254	29,501	-0,685	53,846	0,548	-376,117	0,000	-0,758	0,000	0,000	12,254
(palo 1500)	13786	3	10,400	-24,701	-367,826	-0,992	11,970	30,450	-0,750	53,846	0,565	-367,826	0,000	-0,992	0,000	0,000	11,970
	13787	4	10,400	-25,027	-359,223	-1,246	11,605	31,421	-0,812	53,846	0,584	-359,223	0,000	-1,246	0,000	0,000	11,605
	13788	5	10,400	-25,353	-350,311	-1,521	11,155	32,415	-0,870	53,846	0,602	-350,311	0,000	-1,521	0,000	0,000	11,155
EmbeddedBeamRow_1_1	13788	1	10,400	-25,353	-350,301	-1,519	11,155	32,415	-0,870	53,846	0,602	-350,301	0,000	-1,519	0,000	0,000	11,155
Element 1-17 (Embedded beam row)	13789	2	10,400	-25,682	-340,963	-1,816	10,607	33,439	-0,920	53,846	0,621	-340,963	0,000	-1,816	0,000	0,000	10,607
(palo 1500)	13790	3	10,400	-26,011	-331,274	-2,125	9,958	34,481	-0,959	53,846	0,640	-331,274	0,000	-2,125	0,000	0,000	9,958
	13791	4	10,400	-26,340	-321,238	-2,443	9,207	35,539	-0,977	53,846	0,660	-321,238	0,000	-2,443	0,000	0,000	9,207
	13792	5	10,400	-26,670	-310,863	-2,768	8,349	36,610	-0,959	53,846	0,680	-310,863	0,000	-2,768	0,000	0,000	8,349
EmbeddedBeamRow_1_1	13792	1	10,400	-26,670	-310,860	-2,749	8,349	36,614	-0,959	53,846	0,680	-310,860	0,000	-2,749	0,000	0,000	8,349
Element 1-18 (Embedded beam row)	13793	2	10,400	-27,002	-300,008	-3,080	7,379	37,690	-0,881	53,846	0,700	-300,008	0,000	-3,080	0,000	0,000	7,379
(palo 1500)	13794	3	10,400	-27,335	-288,802	-3,339	6,308	38,756	-0,701	53,846	0,720	-288,802	0,000	-3,339	0,000	0,000	6,308
	13795	4	10,400	-27,667	-277,253	-3,514	5,166	39,745	-0,379	53,846	0,738	-277,253	0,000	-3,514	0,000	0,000	5,166
	13796	5	10,400	-28,000	-265,377	-3,595	3,982	40,573	0,129	53,846	0,754	-265,377	0,000	-3,595	0,000	0,000	3,982
EmbeddedBeamRow_1_1	13796	1	10,400	-28,000	-265,651	-3,512	3,982	40,541	0,129	53,846	0,753	-265,651	0,000	-3,512	0,000	0,000	3,982
Element 1-19 (Embedded beam row)	13797	2	10,400	-28,403	-250,532	-3,405	2,575	41,501	0,881	53,846	0,771	-250,532	0,000	-3,405	0,000	0,000	2,575
(palo 1500)	13798	3	10,400	-28,805	-235,775	-2,815	1,305	41,578	1,971	53,846	0,772	-235,775	0,000	-2,815	0,000	0,000	1,305
	13799	4	10,400	-29,207	-221,703	-1,713	0,377	38,097	3,434	53,846	0,708	-221,703	0,000	-1,713	0,000	0,000	0,377
	13800	5	10,400	-29,610	-208,638	-0,064	0,000	27,949	5,279	53,846	0,519	-208,638	0,000	-0,097	0,021	0,000	0,000
EmbeddedBeamRow_3_1	13801	1	14,300	-5,610	-363,650	-21,156	112,776	0,000	0,000	53,846	0,000	-363,650	0,000	-21,156	0,000	0,000	112,776
Element 2-20 (Embedded beam row)	13802	2	14,300	-6,010	-365,431	-21,112	104,315	0,182	0,229	53,846	0,003	-365,431	0,000	-21,112	0,000	0,000	104,315
(palo 1500)	13803	3	14,300	-6,411	-367,131	-20,973	95,887	0,386	0,466	53,846	0,007	-367,131	0,000	-20,973	0,000	0,000	95,887
	13804	4	14,300	-6,811	-368,748	-20,739	87,533	0,599	0,704	53,846	0,011	-368,748	0,000	-20,739	0,000	0,000	87,533
	13805	5	14,300	-7,211	-370,279	-20,410	79,296	0,812	0,931	53,846	0,015	-370,279	0,000	-20,410	0,000	0,000	79,296
EmbeddedBeamRow_3_1	13805	1	14,300	-7,211	-370,277	-20,410	79,296	2,157	2,473	53,846	0,040	-370,277	0,000	-20,410	0,000	0,000	79,296
Element 2-21 (Embedded beam row)	13806	2	14,300	-7,524	-371,011	-19,630	73,041	2,232	2,531	53,846	0,041	-371,011	0,000	-19,630	0,000	0,000	73,041
(palo 1500)	13807	3	14,300	-7,836	-371,714	-18,829	67,030	2,326	2,597	53,846	0,043	-371,714	0,000	-18,829	0,000	0,000	67,030
	13808	4	14,300	-8,149	-372,388	-18,006	61,272	2,428	2,665	53,846	0,045	-372,388	0,000	-18,006	0,000	0,000	61,272

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N --- [kN/m]	N --- [kN/m]	Q --- [kN/m]	Q --- [kN/m]	M --- [kN m/m]	M --- [kN m/m]
	13809	5	14,300	-8,461	-373,029	-17,163	55,778	2,535	2,726	53,846	0,047	-373,029	0,000	-17,163	0,000	0,000	55,778
EmbeddedBeamRow_3_1	13809	1	14,300	-8,461	-373,028	-17,167	55,778	2,535	2,725	53,846	0,047	-373,028	0,000	-17,167	0,000	0,000	55,778
Element 2-22 (Embedded beam row)	13810	2	14,300	-8,774	-373,634	-16,307	50,549	2,649	2,740	53,846	0,049	-373,634	0,000	-16,307	0,000	0,000	50,549
(palo 1500)	13811	3	14,300	-9,086	-374,205	-15,454	45,585	2,765	2,721	53,846	0,051	-374,205	0,000	-15,454	0,000	0,000	45,585
	13812	4	14,300	-9,399	-374,739	-14,610	40,887	2,879	2,684	53,846	0,053	-374,739	0,000	-14,610	0,000	0,000	40,887
	13813	5	14,300	-9,711	-375,237	-13,777	36,453	2,991	2,635	53,846	0,056	-375,237	0,000	-13,777	0,000	0,000	36,453
EmbeddedBeamRow_3_1	13813	1	14,300	-9,711	-375,237	-13,778	36,453	2,991	2,635	53,846	0,056	-375,237	0,000	-13,778	0,000	0,000	36,453
Element 2-23 (Embedded beam row)	13814	2	14,300	-10,024	-375,701	-12,964	32,276	3,104	2,576	53,846	0,058	-375,701	0,000	-12,964	0,000	0,000	32,276
(palo 1500)	13815	3	14,300	-10,336	-376,129	-12,168	28,348	3,220	2,513	53,846	0,060	-376,129	0,000	-12,168	0,000	0,000	28,348
	13816	4	14,300	-10,649	-376,520	-11,393	24,666	3,341	2,449	53,846	0,062	-376,520	0,000	-11,393	0,000	0,000	24,666
	13817	5	14,300	-10,961	-376,873	-10,638	21,225	3,468	2,384	53,846	0,064	-376,873	0,000	-10,638	0,000	0,000	21,225
EmbeddedBeamRow_3_1	13817	1	14,300	-10,961	-376,872	-10,638	21,225	3,468	2,385	53,846	0,064	-376,872	0,000	-10,638	0,000	0,000	21,225
Element 2-24 (Embedded beam row)	13818	2	14,300	-11,274	-377,184	-9,903	18,017	3,603	2,321	53,846	0,067	-377,184	0,000	-9,903	0,000	0,000	18,017
(palo 1500)	13819	3	14,300	-11,586	-377,452	-9,187	15,034	3,746	2,261	53,846	0,070	-377,452	0,000	-9,187	0,000	0,000	15,034
	13820	4	14,300	-11,899	-377,674	-8,490	12,272	3,894	2,196	53,846	0,072	-377,674	0,000	-8,490	0,000	0,000	12,272
	13821	5	14,300	-12,211	-377,850	-7,814	9,726	4,039	2,102	53,846	0,075	-377,850	0,000	-7,814	0,000	0,000	9,726
EmbeddedBeamRow_3_1	13821	1	14,300	-12,211	-377,844	-7,814	9,726	5,651	2,934	53,846	0,105	-377,844	0,000	-7,814	0,000	0,000	9,726
Element 2-25 (Embedded beam row)	13822	2	14,300	-12,496	-377,531	-7,008	7,615	5,678	2,760	53,846	0,105	-377,531	0,000	-7,008	0,000	0,000	7,615
(palo 1500)	13823	3	14,300	-12,781	-377,192	-6,242	5,728	5,761	2,613	53,846	0,107	-377,192	0,000	-6,242	0,000	0,000	5,779
	13824	4	14,300	-13,066	-376,822	-5,518	4,054	5,886	2,470	53,846	0,109	-376,822	0,000	-5,518	0,000	0,000	4,318
	13825	5	14,300	-13,351	-376,421	-4,835	2,580	6,040	2,314	53,846	0,112	-376,421	0,000	-4,835	0,000	0,000	3,036
EmbeddedBeamRow_3_1	13825	1	14,300	-13,351	-376,415	-4,836	2,580	6,040	2,314	53,846	0,112	-376,415	0,000	-4,836	0,000	0,000	3,036
Element 2-26 (Embedded beam row)	13826	2	14,300	-13,639	-375,958	-4,195	1,281	6,213	2,136	53,846	0,115	-375,958	0,000	-4,195	0,000	0,000	1,891
(palo 1500)	13827	3	14,300	-13,927	-375,447	-3,607	0,159	6,398	1,948	53,846	0,119	-375,447	0,000	-3,607	0,000	-0,083	0,883
	13828	4	14,300	-14,215	-374,882	-3,072	-0,801	6,588	1,768	53,846	0,122	-374,882	0,000	-3,072	0,000	-0,801	0,099
	13829	5	14,300	-14,503	-374,263	-2,589	-1,615	6,785	1,599	53,846	0,126	-374,263	0,000	-2,589	0,000	-1,615	0,050
EmbeddedBeamRow_3_1	13829	1	14,300	-14,503	-374,261	-2,587	-1,615	6,785	1,599	53,846	0,126	-374,261	0,000	-2,587	0,000	-1,615	0,050
Element 2-27 (Embedded beam row)	13830	2	14,300	-14,794	-373,577	-2,147	-2,302	6,992	1,437	53,846	0,130	-373,577	0,000	-2,147	0,000	-2,302	0,006
(palo 1500)	13831	3	14,300	-15,084	-372,829	-1,751	-2,868	7,209	1,284	53,846	0,134	-372,829	0,000	-1,782	0,000	-2,868	0,000
	13832	4	14,300	-15,375	-372,017	-1,398	-3,325	7,434	1,140	53,846	0,138	-372,017	0,000	-1,489	0,000	-3,325	0,000
	13833	5	14,300	-15,666	-371,140	-1,088	-3,686	7,667	1,005	53,846	0,142	-371,140	0,000	-1,230	0,000	-3,686	0,000
EmbeddedBeamRow_3_1	13833	1	14,300	-15,666	-371,138	-1,086	-3,686	7,665	1,004	53,846	0,142	-371,138	0,000	-1,228	0,000	-3,686	0,000
Element 2-28 (Embedded beam row)	13834	2	14,300	-15,960	-370,183	-0,811	-3,964	7,906	0,877	53,846	0,147	-370,183	0,000	-0,995	0,000	-3,964	0,000
(palo 1500)	13835	3	14,300	-16,254	-369,154	-0,570	-4,166	8,153	0,760	53,846	0,151	-369,154	0,000	-0,787	0,000	-4,166	0,000
	13836	4	14,300	-16,548	-368,051	-0,362	-4,302	8,409	0,652	53,846	0,156	-368,051	0,000	-0,627	0,000	-4,302	0,000
	13837	5	14,300	-16,842	-366,874	-0,187	-4,382	8,672	0,553	53,846	0,161	-366,874	0,000	-0,489	0,000	-4,382	0,000

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
EmbeddedBeamRow_3_1	13837	1	14,300	-16,842	-366,871	-0,184	-4,382	8,670	0,553	53,846	0,161	-366,871	0,000	-0,488	0,000	-4,382	0,000
Element 2-29 (Embedded beam row)	13838	2	14,300	-17,140	-365,605	-0,036	-4,414	8,938	0,462	53,846	0,166	-365,605	0,000	-0,365	0,000	-4,414	0,000
(palo 1500)	13839	3	14,300	-17,437	-364,254	0,090	-4,406	9,215	0,379	53,846	0,171	-364,254	0,000	-0,257	0,090	-4,406	0,000
	13840	4	14,300	-17,734	-362,818	0,192	-4,363	9,504	0,305	53,846	0,176	-362,818	0,000	-0,166	0,192	-4,363	0,000
	13841	5	14,300	-18,031	-361,299	0,271	-4,294	9,802	0,240	53,846	0,182	-361,299	0,000	-0,092	0,271	-4,294	0,000
EmbeddedBeamRow_3_1	13841	1	14,300	-18,031	-361,296	0,273	-4,294	9,802	0,240	53,846	0,182	-361,296	0,000	-0,091	0,273	-4,294	0,000
Element 2-30 (Embedded beam row)	13842	2	14,300	-18,331	-359,670	0,335	-4,202	10,114	0,182	53,846	0,188	-359,670	0,000	-0,037	0,335	-4,202	0,000
(palo 1500)	13843	3	14,300	-18,631	-357,944	0,382	-4,094	10,438	0,132	53,846	0,194	-357,944	0,000	-0,033	0,382	-4,094	0,000
	13844	4	14,300	-18,932	-356,120	0,416	-3,974	10,773	0,089	53,846	0,200	-356,120	0,000	-0,028	0,416	-3,974	0,000
	13845	5	14,300	-19,232	-354,197	0,436	-3,846	11,122	0,054	53,846	0,207	-354,197	0,000	-0,024	0,436	-3,884	0,000
EmbeddedBeamRow_3_1	13845	1	14,300	-19,232	-354,193	0,437	-3,846	11,122	0,054	53,846	0,207	-354,193	0,000	-0,024	0,437	-3,884	0,000
Element 2-31 (Embedded beam row)	13846	2	14,300	-19,535	-352,142	0,448	-3,712	11,487	0,026	53,846	0,213	-352,142	0,000	-0,020	0,448	-3,798	0,000
(palo 1500)	13847	3	14,300	-19,839	-349,973	0,453	-3,575	11,865	0,004	53,846	0,220	-349,973	0,000	-0,015	0,453	-3,712	0,000
	13848	4	14,300	-20,142	-347,687	0,452	-3,437	12,259	-0,010	53,846	0,228	-347,687	0,000	-0,011	0,452	-3,619	0,000
	13849	5	14,300	-20,445	-345,285	0,446	-3,301	12,667	-0,019	53,846	0,235	-345,285	0,000	-0,006	0,446	-3,534	0,000
EmbeddedBeamRow_3_1	13849	1	14,300	-20,445	-345,280	0,448	-3,301	12,667	-0,019	53,846	0,235	-345,280	0,000	-0,006	0,448	-3,534	0,000
Element 2-32 (Embedded beam row)	13850	2	14,300	-20,752	-342,724	0,441	-3,165	13,096	-0,021	53,846	0,243	-342,724	0,000	-0,002	0,441	-3,444	0,000
(palo 1500)	13851	3	14,300	-21,059	-340,029	0,435	-3,030	13,542	-0,017	53,846	0,251	-340,029	0,000	0,000	0,435	-3,346	0,000
	13852	4	14,300	-21,365	-337,194	0,431	-2,898	14,006	-0,008	53,846	0,260	-337,194	0,000	0,000	0,431	-3,241	0,000
	13853	5	14,300	-21,672	-334,221	0,430	-2,766	14,489	0,007	53,846	0,269	-334,221	0,000	0,000	0,430	-3,128	0,000
EmbeddedBeamRow_3_1	13853	1	14,300	-21,672	-334,214	0,431	-2,766	14,489	0,007	53,846	0,269	-334,214	0,000	0,000	0,431	-3,128	0,000
Element 2-33 (Embedded beam row)	13854	2	14,300	-21,982	-331,056	0,436	-2,632	14,998	0,026	53,846	0,279	-331,056	0,000	0,000	0,436	-3,008	0,000
(palo 1500)	13855	3	14,300	-22,291	-327,730	0,448	-2,495	15,529	0,049	53,846	0,288	-327,730	0,000	0,000	0,448	-2,879	0,000
	13856	4	14,300	-22,601	-324,235	0,467	-2,353	16,083	0,075	53,846	0,299	-324,235	0,000	0,000	0,468	-2,742	0,000
	13857	5	14,300	-22,911	-320,573	0,494	-2,205	16,663	0,102	53,846	0,309	-320,573	0,000	0,000	0,494	-2,597	0,000
EmbeddedBeamRow_3_1	13857	1	14,300	-22,911	-320,564	0,494	-2,205	16,663	0,102	53,846	0,309	-320,564	0,000	0,000	0,494	-2,597	0,000
Element 2-34 (Embedded beam row)	13858	2	14,300	-23,224	-316,678	0,531	-2,045	17,276	0,130	53,846	0,321	-316,678	0,000	0,000	0,531	-2,441	0,000
(palo 1500)	13859	3	14,300	-23,537	-312,586	0,575	-1,872	17,918	0,156	53,846	0,333	-312,586	0,000	0,000	0,575	-2,275	0,000
	13860	4	14,300	-23,850	-308,287	0,628	-1,684	18,592	0,178	53,846	0,345	-308,287	0,000	0,000	0,628	-2,099	0,000
	13861	5	14,300	-24,163	-303,783	0,687	-1,478	19,300	0,193	53,846	0,358	-303,783	0,000	0,000	0,687	-1,914	0,000
EmbeddedBeamRow_3_1	13861	1	14,300	-24,163	-303,771	0,684	-1,478	19,300	0,193	53,846	0,358	-303,771	0,000	0,000	0,684	-1,914	0,000
Element 2-35 (Embedded beam row)	13862	2	14,300	-24,480	-298,991	0,749	-1,251	20,051	0,197	53,846	0,372	-298,991	0,000	0,000	0,749	-1,716	0,000
(palo 1500)	13863	3	14,300	-24,796	-293,953	0,809	-1,005	20,842	0,188	53,846	0,387	-293,953	0,000	0,000	0,809	-1,507	0,000
	13864	4	14,300	-25,113	-288,659	0,863	-0,740	21,675	0,159	53,846	0,403	-288,659	0,000	0,000	0,863	-1,303	0,000
	13865	5	14,300	-25,429	-283,108	0,910	-0,459	22,551	0,106	53,846	0,419	-283,108	0,000	0,000	0,910	-1,098	0,000
EmbeddedBeamRow_3_1	13865	1	14,300	-25,429	-283,093	0,902	-0,459	22,552	0,106	53,846	0,419	-283,093	0,000	0,000	0,902	-1,098	0,000

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
Element 2-36 (Embedded beam row)	13866	2	14,300	-25,749	-277,196	0,931	-0,165	23,484	0,023	53,846	0,436	-277,196	0,000	0,000	0,931	-0,887	0,000
(palo 1500)	13867	3	14,300	-26,068	-270,977	0,918	0,132	24,464	-0,095	53,846	0,454	-270,977	0,000	0,000	0,918	-0,697	0,132
	13868	4	14,300	-26,388	-264,438	0,862	0,417	25,491	-0,251	53,846	0,473	-264,438	0,000	0,000	0,862	-0,517	0,417
	13869	5	14,300	-26,708	-257,578	0,759	0,678	26,561	-0,438	53,846	0,493	-257,578	0,000	0,000	0,759	-0,354	0,678
EmbeddedBeamRow_3_1	13869	1	14,300	-26,708	-257,568	0,758	0,678	26,561	-0,438	53,846	0,493	-257,568	0,000	0,000	0,758	-0,354	0,678
Element 2-37 (Embedded beam row)	13870	2	14,300	-27,031	-250,277	0,576	0,895	27,675	-0,648	53,846	0,514	-250,277	0,000	0,000	0,591	-0,222	0,895
(palo 1500)	13871	3	14,300	-27,354	-242,614	0,337	1,044	28,814	-0,842	53,846	0,535	-242,614	0,000	0,000	0,436	-0,104	1,044
	13872	4	14,300	-27,677	-234,588	0,046	1,107	29,929	-0,974	53,846	0,556	-234,588	0,000	0,000	0,297	-0,040	1,107
	13873	5	14,300	-28,000	-226,205	-0,293	1,068	30,939	-1,008	53,846	0,575	-226,205	0,000	-0,293	0,173	-0,022	1,068
EmbeddedBeamRow_3_1	13873	1	14,300	-28,000	-226,368	-0,211	1,068	30,881	-1,005	53,846	0,574	-226,368	0,000	-0,211	0,205	-0,022	1,068
Element 2-38 (Embedded beam row)	13874	2	14,300	-28,403	-215,254	-0,694	0,878	32,124	-0,818	53,846	0,597	-215,254	0,000	-0,694	0,041	-0,014	0,878
(palo 1500)	13875	3	14,300	-28,805	-204,072	-0,888	0,547	33,000	-0,251	53,846	0,613	-204,072	0,000	-0,888	0,014	-0,007	0,547
	13876	4	14,300	-29,207	-193,058	-0,745	0,209	31,288	0,853	53,846	0,581	-193,058	0,000	-0,745	0,009	-0,002	0,209
	13877	5	14,300	-29,610	-182,448	-0,219	0,000	24,427	3,525	53,846	0,454	-182,448	0,000	-0,219	0,003	0,000	0,000
EmbeddedBeamRow_2_1	13878	1	18,200	-5,610	-393,412	-36,986	166,266	0,000	0,000	53,846	0,000	-393,412	0,000	-36,986	0,000	0,000	166,266
Element 3-39 (Embedded beam row)	13879	2	18,200	-5,885	-394,654	-36,978	156,107	0,030	0,166	53,846	0,001	-394,654	0,000	-36,978	0,000	0,000	156,107
(palo 1500)	13880	3	18,200	-6,159	-395,884	-36,897	145,954	0,080	0,409	53,846	0,001	-395,884	0,000	-36,897	0,000	0,000	145,954
	13881	4	18,200	-6,434	-397,103	-36,737	135,835	0,117	0,739	53,846	0,002	-397,103	0,000	-36,737	0,000	0,000	135,835
	13882	5	18,200	-6,709	-398,309	-36,493	125,776	0,129	1,132	53,846	0,002	-398,309	0,000	-36,493	0,000	0,000	125,776
EmbeddedBeamRow_2_1	13882	1	18,200	-6,709	-398,308	-36,492	125,776	0,129	1,132	53,846	0,002	-398,308	0,000	-36,492	0,000	0,000	125,776
Element 3-40 (Embedded beam row)	13883	2	18,200	-6,951	-399,378	-36,165	116,974	0,152	1,472	53,846	0,003	-399,378	0,000	-36,165	0,000	0,000	116,974
(palo 1500)	13884	3	18,200	-7,194	-400,431	-35,777	108,255	0,215	1,745	53,846	0,004	-400,431	0,000	-35,777	0,000	0,000	108,255
	13885	4	18,200	-7,436	-401,466	-35,332	99,636	0,303	1,942	53,846	0,006	-401,466	0,000	-35,332	0,000	0,000	99,636
	13886	5	18,200	-7,678	-402,480	-34,834	91,137	0,419	2,062	53,846	0,008	-402,480	0,000	-34,834	0,000	0,000	91,137
EmbeddedBeamRow_2_1	13886	1	18,200	-7,678	-402,470	-34,852	91,137	1,118	5,510	53,846	0,021	-402,470	0,000	-34,852	0,000	0,000	91,137
Element 3-41 (Embedded beam row)	13887	2	18,200	-7,991	-403,540	-33,076	80,524	1,181	5,751	53,846	0,022	-403,540	0,000	-33,076	0,000	0,000	80,524
(palo 1500)	13888	3	18,200	-8,303	-404,564	-31,256	70,469	1,316	5,909	53,846	0,024	-404,564	0,000	-31,256	0,000	0,000	70,469
	13889	4	18,200	-8,616	-405,540	-29,402	60,988	1,492	5,976	53,846	0,028	-405,540	0,000	-29,402	0,000	0,000	60,988
	13890	5	18,200	-8,928	-406,464	-27,519	52,096	1,698	5,970	53,846	0,032	-406,464	0,000	-27,519	0,000	0,000	52,096
EmbeddedBeamRow_2_1	13890	1	18,200	-8,928	-406,458	-27,534	52,096	1,698	5,970	53,846	0,032	-406,458	0,000	-27,534	0,000	0,000	52,096
Element 3-42 (Embedded beam row)	13891	2	18,200	-9,241	-407,312	-25,670	43,785	1,924	5,908	53,846	0,036	-407,312	0,000	-25,670	0,000	0,000	43,785
(palo 1500)	13892	3	18,200	-9,553	-408,088	-23,841	36,049	2,171	5,804	53,846	0,040	-408,088	0,000	-23,841	0,000	0,000	36,049
	13893	4	18,200	-9,866	-408,784	-22,050	28,877	2,434	5,664	53,846	0,045	-408,784	0,000	-22,050	0,000	0,000	28,877
	13894	5	18,200	-10,178	-409,399	-20,300	22,263	2,710	5,499	53,846	0,050	-409,399	0,000	-20,300	0,000	-0,664	22,263
EmbeddedBeamRow_2_1	13894	1	18,200	-10,178	-409,396	-20,305	22,263	2,710	5,501	53,846	0,050	-409,396	0,000	-20,305	0,000	-0,664	22,263
Element 3-43 (Embedded beam row)	13895	2	18,200	-10,491	-409,922	-18,613	16,185	2,997	5,310	53,846	0,056	-409,922	0,000	-18,613	0,000	-1,699	16,185

Structural element	Node [10⁻³]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--+-+- [kN/m/m]	T--+-+-	N-+- [kN/m]	N--- [kN/m]	Q-+- [kN/m]	Q--- [kN/m]	M-+- [kN m/m]	M--- [kN m/m]
(palo 1500)	13896	3	18,200	-10,803	-410,355	-16,986	10,623	3,293	5,102	53,846	0,061	-410,355	0,000	-16,986	0,000	-2,620	10,623
	13897	4	18,200	-11,116	-410,695	-15,426	5,559	3,596	4,882	53,846	0,067	-410,695	0,000	-15,426	0,000	-3,437	5,559
	13898	5	18,200	-11,428	-410,940	-13,935	0,974	3,904	4,655	53,846	0,073	-410,940	0,000	-13,935	0,000	-4,151	1,478
EmbeddedBeamRow_2_1	13898	1	18,200	-11,428	-410,940	-13,935	0,974	3,911	4,656	53,846	0,073	-410,940	0,000	-13,935	0,000	-4,151	1,478
Element 3-44 (Embedded beam row)	13899	2	18,200	-11,741	-411,088	-12,519	-3,157	4,201	4,420	53,846	0,078	-411,088	0,000	-12,519	0,000	-4,769	0,000
(palo 1500)	13900	3	18,200	-12,053	-411,146	-11,173	-6,857	4,491	4,192	53,846	0,083	-411,146	0,000	-11,173	0,000	-6,857	0,000
	13901	4	18,200	-12,366	-411,114	-9,896	-10,148	4,778	3,975	53,846	0,089	-411,114	0,000	-9,896	0,000	-10,148	0,000
	13902	5	18,200	-12,678	-410,991	-8,689	-13,050	5,059	3,768	53,846	0,094	-410,991	0,000	-8,689	0,000	-13,050	0,000
EmbeddedBeamRow_2_1	13902	1	18,200	-12,678	-410,989	-8,686	-13,050	7,088	5,283	53,846	0,132	-410,989	0,000	-8,686	0,000	-13,050	0,000
Element 3-45 (Embedded beam row)	13903	2	18,200	-12,978	-410,193	-7,176	-15,421	7,318	4,814	53,846	0,136	-410,193	0,000	-7,176	0,000	-15,421	0,000
(palo 1500)	13904	3	18,200	-13,277	-409,320	-5,802	-17,362	7,572	4,351	53,846	0,141	-409,320	0,000	-5,802	0,000	-17,362	0,000
	13905	4	18,200	-13,577	-408,370	-4,565	-18,912	7,834	3,908	53,846	0,145	-408,370	0,000	-4,565	0,000	-18,912	0,000
	13906	5	18,200	-13,876	-407,342	-3,462	-20,110	8,101	3,487	53,846	0,150	-407,342	0,000	-3,462	0,040	-20,110	0,000
EmbeddedBeamRow_2_1	13906	1	18,200	-13,876	-407,340	-3,456	-20,110	8,101	3,487	53,846	0,150	-407,340	0,000	-3,456	0,042	-20,110	0,000
Element 3-46 (Embedded beam row)	13907	2	18,200	-14,179	-406,218	-2,466	-21,004	8,377	3,084	53,846	0,156	-406,218	0,000	-2,466	0,220	-21,004	0,000
(palo 1500)	13908	3	18,200	-14,482	-405,010	-1,588	-21,616	8,657	2,706	53,846	0,161	-405,010	0,000	-1,588	0,369	-21,616	0,000
	13909	4	18,200	-14,785	-403,717	-0,821	-21,978	8,943	2,351	53,846	0,166	-403,717	0,000	-0,891	0,491	-21,978	0,000
	13910	5	18,200	-15,088	-402,338	-0,164	-22,124	9,232	2,021	53,846	0,171	-402,338	0,000	-0,366	0,585	-22,124	0,000
EmbeddedBeamRow_2_1	13910	1	18,200	-15,088	-402,336	-0,157	-22,124	9,233	2,021	53,846	0,171	-402,336	0,000	-0,361	0,587	-22,124	0,000
Element 3-47 (Embedded beam row)	13911	2	18,200	-15,395	-400,854	0,410	-22,083	9,513	1,714	53,846	0,177	-400,854	0,000	0,000	0,659	-22,083	0,000
(palo 1500)	13912	3	18,200	-15,701	-399,283	0,893	-21,882	9,799	1,433	53,846	0,182	-399,283	0,000	0,000	0,893	-21,882	0,000
	13913	4	18,200	-16,008	-397,623	1,293	-21,544	10,090	1,178	53,846	0,187	-397,623	0,000	0,000	1,293	-21,544	0,000
	13914	5	18,200	-16,314	-395,876	1,614	-21,097	10,385	0,948	53,846	0,193	-395,876	0,000	0,000	1,614	-21,097	0,000
EmbeddedBeamRow_2_1	13914	1	18,200	-16,314	-395,874	1,620	-21,097	10,385	0,948	53,846	0,193	-395,874	0,000	0,000	1,620	-21,097	0,000
Element 3-48 (Embedded beam row)	13915	2	18,200	-16,624	-394,015	1,877	-20,554	10,688	0,740	53,846	0,198	-394,015	0,000	0,000	1,877	-20,554	0,000
(palo 1500)	13916	3	18,200	-16,934	-392,057	2,078	-19,939	10,999	0,554	53,846	0,204	-392,057	0,000	0,000	2,078	-19,939	0,000
	13917	4	18,200	-17,244	-390,002	2,225	-19,271	11,317	0,392	53,846	0,210	-390,002	0,000	0,000	2,225	-19,271	0,000
	13918	5	18,200	-17,554	-387,851	2,320	-18,565	11,643	0,249	53,846	0,216	-387,851	0,000	0,000	2,320	-18,565	0,000
EmbeddedBeamRow_2_1	13918	1	18,200	-17,554	-387,848	2,325	-18,565	11,643	0,249	53,846	0,216	-387,848	0,000	0,000	2,325	-18,565	0,000
Element 3-49 (Embedded beam row)	13919	2	18,200	-17,868	-385,568	2,380	-17,827	11,979	0,125	53,846	0,222	-385,568	0,000	0,000	2,380	-17,827	0,000
(palo 1500)	13920	3	18,200	-18,181	-383,178	2,403	-17,076	12,325	0,018	53,846	0,229	-383,178	0,000	0,000	2,403	-17,076	0,000
	13921	4	18,200	-18,495	-380,678	2,395	-16,323	12,679	-0,072	53,846	0,235	-380,678	0,000	0,000	2,395	-16,323	0,000
	13922	5	18,200	-18,808	-378,070	2,357	-15,577	13,042	-0,147	53,846	0,242	-378,070	0,000	0,000	2,357	-15,577	0,000
EmbeddedBeamRow_2_1	13922	1	18,200	-18,808	-378,066	2,361	-15,577	13,042	-0,147	53,846	0,242	-378,066	0,000	0,000	2,361	-15,577	0,000
Element 3-50 (Embedded beam row)	13923	2	18,200	-19,125	-375,311	2,302	-14,838	13,418	-0,209	53,846	0,249	-375,311	0,000	0,000	2,302	-14,838	0,000
(palo 1500)	13924	3	18,200	-19,442	-372,430	2,228	-14,119	13,804	-0,259	53,846	0,256	-372,430	0,000	0,000	2,228	-14,119	0,000

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
	13925	4	18,200	-19,760	-369,426	2,140	-13,426	14,200	-0,298	53,846	0,264	-369,426	0,000	0,000	2,140	-13,426	0,000
	13926	5	18,200	-20,077	-366,299	2,038	-12,763	14,607	-0,329	53,846	0,271	-366,299	0,000	0,000	2,038	-12,763	0,000
EmbeddedBeamRow_2_1	13926	1	18,200	-20,077	-366,294	2,041	-12,763	14,607	-0,329	53,846	0,271	-366,294	0,000	0,000	2,041	-12,763	0,000
Element 3-51 (Embedded beam row)	13927	2	18,200	-20,398	-362,998	1,930	-12,126	15,028	-0,352	53,846	0,279	-362,998	0,000	0,000	1,930	-12,126	0,000
(palo 1500)	13928	3	18,200	-20,718	-359,561	1,815	-11,525	15,458	-0,365	53,846	0,287	-359,561	0,000	0,000	1,815	-11,525	0,000
	13929	4	18,200	-21,039	-355,984	1,699	-10,962	15,900	-0,361	53,846	0,295	-355,984	0,000	0,000	1,699	-10,962	0,000
	13930	5	18,200	-21,360	-352,269	1,583	-10,435	16,356	-0,343	53,846	0,304	-352,269	0,000	0,000	1,583	-10,435	0,000
EmbeddedBeamRow_2_1	13930	1	18,200	-21,360	-352,262	1,587	-10,435	16,356	-0,343	53,846	0,304	-352,262	0,000	0,000	1,587	-10,435	0,000
Element 3-52 (Embedded beam row)	13931	2	18,200	-21,684	-348,355	1,479	-9,938	16,833	-0,308	53,846	0,313	-348,355	0,000	0,000	1,479	-9,938	0,000
(palo 1500)	13932	3	18,200	-22,009	-344,281	1,387	-9,474	17,331	-0,261	53,846	0,322	-344,281	0,000	0,000	1,387	-9,474	0,000
	13933	4	18,200	-22,333	-340,042	1,311	-9,037	17,851	-0,205	53,846	0,332	-340,042	0,000	0,000	1,329	-9,037	0,000
	13934	5	18,200	-22,658	-335,639	1,253	-8,621	18,396	-0,142	53,846	0,342	-335,639	0,000	0,000	1,287	-8,621	0,000
EmbeddedBeamRow_2_1	13934	1	18,200	-22,658	-335,629	1,254	-8,621	18,396	-0,142	53,846	0,342	-335,629	0,000	0,000	1,288	-8,621	0,000
Element 3-53 (Embedded beam row)	13935	2	18,200	-22,986	-330,993	1,219	-8,216	18,975	-0,074	53,846	0,352	-330,993	0,000	0,000	1,272	-8,216	0,000
(palo 1500)	13936	3	18,200	-23,314	-326,150	1,205	-7,819	19,583	-0,005	53,846	0,364	-326,150	0,000	0,000	1,263	-7,819	0,000
	13937	4	18,200	-23,642	-321,103	1,215	-7,422	20,224	0,063	53,846	0,376	-321,103	0,000	0,000	1,263	-7,422	0,000
	13938	5	18,200	-23,971	-315,852	1,247	-7,019	20,899	0,129	53,846	0,388	-315,852	0,000	0,000	1,273	-7,019	0,000
EmbeddedBeamRow_2_1	13938	1	18,200	-23,971	-315,839	1,245	-7,019	20,899	0,129	53,846	0,388	-315,839	0,000	0,000	1,273	-7,019	0,000
Element 3-54 (Embedded beam row)	13939	2	18,200	-24,302	-310,298	1,300	-6,597	21,618	0,188	53,846	0,401	-310,298	0,000	0,000	1,300	-6,597	0,000
(palo 1500)	13940	3	18,200	-24,634	-304,497	1,370	-6,154	22,376	0,237	53,846	0,416	-304,497	0,000	0,000	1,370	-6,154	0,000
	13941	4	18,200	-24,966	-298,437	1,455	-5,685	23,178	0,273	53,846	0,430	-298,437	0,000	0,000	1,455	-5,685	0,000
	13942	5	18,200	-25,298	-292,119	1,552	-5,187	24,026	0,292	53,846	0,446	-292,119	0,000	0,000	1,552	-5,187	0,000
EmbeddedBeamRow_2_1	13942	1	18,200	-25,298	-292,103	1,545	-5,187	24,026	0,292	53,846	0,446	-292,103	0,000	0,000	1,545	-5,187	0,000
Element 3-55 (Embedded beam row)	13943	2	18,200	-25,634	-285,420	1,650	-4,650	24,932	0,286	53,846	0,463	-285,420	0,000	0,000	1,650	-4,650	0,000
(palo 1500)	13944	3	18,200	-25,970	-278,406	1,738	-4,080	25,888	0,245	53,846	0,481	-278,406	0,000	0,000	1,738	-4,080	0,000
	13945	4	18,200	-26,306	-271,064	1,804	-3,485	26,888	0,160	53,846	0,499	-271,064	0,000	0,000	1,804	-3,485	0,000
	13946	5	18,200	-26,641	-263,395	1,846	-2,871	27,920	0,031	53,846	0,519	-263,395	0,000	0,000	1,846	-2,871	0,000
EmbeddedBeamRow_2_1	13946	1	18,200	-26,641	-263,390	1,835	-2,871	27,921	0,031	53,846	0,519	-263,390	0,000	0,000	1,835	-2,871	0,000
Element 3-56 (Embedded beam row)	13947	2	18,200	-26,981	-255,259	1,820	-2,248	29,004	-0,169	53,846	0,539	-255,259	0,000	0,000	1,820	-2,248	0,000
(palo 1500)	13948	3	18,200	-27,321	-246,767	1,722	-1,644	30,069	-0,406	53,846	0,558	-246,767	0,000	0,000	1,722	-1,644	0,000
	13949	4	18,200	-27,660	-237,924	1,537	-1,088	31,068	-0,672	53,846	0,577	-237,924	0,000	0,000	1,537	-1,088	0,000
	13950	5	18,200	-28,000	-228,741	1,266	-0,610	31,916	-0,969	53,846	0,593	-228,741	0,000	0,000	1,266	-0,610	0,000
EmbeddedBeamRow_2_1	13950	1	18,200	-28,000	-228,917	1,317	-0,610	31,861	-0,967	53,846	0,592	-228,917	0,000	0,000	1,317	-0,610	0,000
Element 3-57 (Embedded beam row)	13951	2	18,200	-28,403	-217,468	0,783	-0,188	32,763	-1,231	53,846	0,608	-217,468	0,000	0,000	0,783	-0,192	0,000
(palo 1500)	13952	3	18,200	-28,805	-206,112	0,307	0,027	33,188	-1,243	53,846	0,616	-206,112	0,000	0,000	0,307	-0,066	0,027
	13953	4	18,200	-29,207	-195,070	-0,061	0,074	31,206	-0,697	53,846	0,580	-195,070	0,000	-0,061	0,084	-0,007	0,074

Structural element	Node [10 ˚]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T··· [kN/m/m]	T---·--- [kN/m/m]	T---·-··	N-·· [kN/m]	N--- [kN/m]	Q-·· [kN/m]	Q--- [kN/m]	M-·· [kN m/m]	M--- [kN m/m]
	13954	5	18,200	-29,610	-184,561	-0,273	0,000	24,697	1,837	53,846	0,459	-184,561	0,000	-0,273	0,000	0,000	0,000

3.3.2.1.8 Calculation results, Embedded beam row, Versante - fase B [Phase_10] (10/43), Table of embedded pile row force envelopes

Structural element	Node [10 ˚]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T--- [kN/m/m]	T---,--- [kN/m/m]	T---,---	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
EmbeddedBeamRow_1_1	13724	1	10,400	-5,610	-435,269	-24,915	151,161	0,000	0,000	53,846	0,000	-490,255	0,000	-24,915	7,545	-21,834	151,161
Element 1-1 (Embedded beam row)	13725	2	10,400	-5,894	-436,547	-24,866	144,104	0,063	0,260	53,846	0,001	-491,542	0,000	-24,866	7,521	-19,697	144,104
(palo 1500)	13726	3	10,400	-6,177	-437,803	-24,766	137,065	0,147	0,460	53,846	0,003	-492,821	0,000	-24,766	7,458	-17,572	137,065
	13727	4	10,400	-6,461	-439,034	-24,620	130,061	0,231	0,584	53,846	0,004	-494,090	0,000	-24,620	7,355	-15,471	130,061
	13728	5	10,400	-6,744	-440,241	-24,433	123,108	0,303	0,645	53,846	0,006	-495,350	0,000	-24,433	7,215	-13,405	123,108
EmbeddedBeamRow_1_1	13728	1	10,400	-6,744	-440,248	-24,435	123,108	0,802	1,717	53,846	0,015	-495,356	0,000	-24,435	7,219	-13,405	123,108
Element 1-2 (Embedded beam row)	13729	2	10,400	-7,057	-441,441	-23,965	115,550	0,560	1,350	53,846	0,010	-496,699	0,000	-23,965	6,774	-11,219	115,550
(palo 1500)	13730	3	10,400	-7,369	-442,731	-23,593	108,119	0,248	1,014	53,846	0,005	-498,110	0,000	-23,593	6,332	-9,171	108,119
	13731	4	10,400	-7,682	-444,114	-23,315	100,791	-0,043	0,751	53,846	0,001	-499,586	0,000	-23,315	5,894	-7,260	100,791
	13732	5	10,400	-7,994	-445,590	-23,126	93,538	-0,272	0,610	53,846	0,005	-501,126	0,000	-23,126	5,461	-5,487	93,538
EmbeddedBeamRow_1_1	13732	1	10,400	-7,994	-445,574	-23,097	93,538	-0,272	0,610	53,846	0,005	-501,111	0,000	-23,097	5,463	-5,487	93,538
Element 1-3 (Embedded beam row)	13733	2	10,400	-8,307	-447,115	-22,934	86,347	-0,431	0,587	53,846	0,008	-502,687	0,000	-22,934	5,041	-3,846	86,347
(palo 1500)	13734	3	10,400	-8,619	-448,677	-22,732	79,208	-0,521	0,685	53,846	0,010	-504,259	0,000	-22,732	4,631	-2,335	79,208
	13735	4	10,400	-8,932	-450,254	-22,486	72,140	-0,524	0,872	53,846	0,010	-505,818	0,000	-22,486	4,233	-0,950	72,140
	13736	5	10,400	-9,244	-451,839	-22,190	65,160	-0,430	1,086	53,846	0,008	-507,357	0,000	-22,190	3,849	0,000	65,160
EmbeddedBeamRow_1_1	13736	1	10,400	-9,244	-451,816	-22,187	65,160	-0,429	1,088	53,846	0,008	-507,337	0,000	-22,187	3,850	0,000	65,160
Element 1-4 (Embedded beam row)	13737	2	10,400	-9,557	-453,355	-21,810	58,285	-0,244	1,290	53,846	0,005	-508,804	0,000	-21,810	3,481	0,000	58,285
(palo 1500)	13738	3	10,400	-9,869	-454,803	-21,380	51,534	0,026	1,468	53,846	0,000	-510,161	0,000	-21,380	3,125	0,000	51,534
	13739	4	10,400	-10,182	-456,154	-20,900	44,925	0,377	1,609	53,846	0,007	-511,405	0,000	-20,900	2,784	0,000	44,925
	13740	5	10,400	-10,494	-457,401	-20,374	38,476	0,802	1,716	53,846	0,015	-512,530	0,000	-20,374	2,458	0,000	38,503
EmbeddedBeamRow_1_1	13740	1	10,400	-10,494	-457,389	-20,377	38,476	0,802	1,716	53,846	0,015	-512,525	0,000	-20,377	2,457	0,000	38,503
Element 1-5 (Embedded beam row)	13741	2	10,400	-10,807	-458,482	-19,825	32,195	1,286	1,827	53,846	0,024	-513,517	0,000	-19,825	2,143	0,000	35,945
(palo 1500)	13742	3	10,400	-11,119	-459,417	-19,235	26,089	1,795	1,944	53,846	0,033	-514,368	0,000	-19,235	1,840	0,000	34,232
	13743	4	10,400	-11,432	-460,192	-18,607	20,174	2,310	2,077	53,846	0,043	-515,076	0,000	-18,607	1,549	0,000	32,516
	13744	5	10,400	-11,744	-460,805	-17,938	14,464	2,824	2,189	53,846	0,052	-515,640	0,000	-17,938	1,267	0,000	30,812
EmbeddedBeamRow_1_1	13744	1	10,400	-11,744	-460,796	-17,935	14,464	4,047	3,096	53,846	0,075	-515,631	0,000	-17,935	1,265	0,000	30,812
Element 1-6 (Embedded beam row)	13745	2	10,400	-12,038	-460,900	-17,026	9,337	4,410	3,149	53,846	0,082	-515,678	0,000	-17,026	0,919	0,000	29,236
(palo 1500)	13746	3	10,400	-12,331	-460,869	-16,088	4,478	4,853	3,245	53,846	0,090	-515,604	0,000	-16,088	0,610	0,000	27,698
	13747	4	10,400	-12,624	-460,700	-15,121	-0,101	5,352	3,343	53,846	0,099	-515,405	0,000	-15,121	0,339	-0,101	26,209
	13748	5	10,400	-12,918	-460,389	-14,127	-4,391	5,889	3,410	53,846	0,109	-515,079	0,000	-14,127	0,105	-4,391	24,782
EmbeddedBeamRow_1_1	13748	1	10,400	-12,918	-460,383	-14,135	-4,391	5,889	3,410	53,846	0,109	-515,073	0,000	-14,135	0,103	-4,391	24,782
Element 1-7 (Embedded beam row)	13749	2	10,400	-13,214	-459,899	-13,113	-8,429	6,448	3,422	53,846	0,120	-514,593	0,000	-13,113	0,000	-8,429	23,410

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
(palo 1500)	13750	3	10,400	-13,510	-459,247	-12,106	-12,167	7,011	3,376	53,846	0,130	-513,964	0,000	-12,106	0,000	-12,167	22,113
	13751	4	10,400	-13,807	-458,429	-11,115	-15,609	7,570	3,308	53,846	0,141	-513,186	0,000	-11,115	0,000	-15,609	20,894
	13752	5	10,400	-14,103	-457,446	-10,144	-18,759	8,128	3,229	53,846	0,151	-512,258	0,000	-10,144	0,000	-18,759	19,756
EmbeddedBeamRow_1_1	13752	1	10,400	-14,103	-457,445	-10,146	-18,759	8,128	3,231	53,846	0,151	-512,256	0,000	-10,146	0,000	-18,759	19,756
Element 1-8 (Embedded beam row)	13753	2	10,400	-14,403	-456,284	-9,191	-21,654	8,693	3,139	53,846	0,161	-511,165	0,000	-9,191	0,000	-21,654	18,688
(palo 1500)	13754	3	10,400	-14,702	-454,953	-8,266	-24,268	9,255	3,039	53,846	0,172	-509,915	0,000	-8,266	0,000	-24,268	17,703
	13755	4	10,400	-15,002	-453,453	-7,371	-26,610	9,816	2,934	53,846	0,182	-508,506	0,000	-7,371	0,000	-26,610	16,802
	13756	5	10,400	-15,302	-451,786	-6,508	-28,688	10,375	2,825	53,846	0,193	-506,940	0,000	-6,508	0,000	-28,688	15,984
EmbeddedBeamRow_1_1	13756	1	10,400	-15,302	-451,786	-6,508	-28,688	10,373	2,825	53,846	0,193	-506,938	0,000	-6,508	0,000	-28,688	15,984
Element 1-9 (Embedded beam row)	13757	2	10,400	-15,604	-449,934	-5,670	-30,530	10,929	2,711	53,846	0,203	-505,194	0,000	-5,670	0,000	-30,530	15,240
(palo 1500)	13758	3	10,400	-15,907	-447,913	-4,867	-32,124	11,483	2,596	53,846	0,213	-503,283	0,000	-4,867	0,000	-32,124	14,578
	13759	4	10,400	-16,210	-445,725	-4,099	-33,481	12,035	2,479	53,846	0,224	-501,208	0,000	-4,099	0,000	-33,481	13,995
	13760	5	10,400	-16,512	-443,371	-3,366	-34,610	12,584	2,363	53,846	0,234	-498,968	0,000	-3,366	0,000	-34,610	13,489
EmbeddedBeamRow_1_1	13760	1	10,400	-16,512	-443,370	-3,366	-34,610	12,586	2,363	53,846	0,234	-498,966	0,000	-3,366	0,000	-34,610	13,489
Element 1-10 (Embedded beam row)	13761	2	10,400	-16,818	-440,823	-2,662	-35,530	13,132	2,245	53,846	0,244	-496,532	0,000	-2,662	0,000	-35,530	13,053
(palo 1500)	13762	3	10,400	-17,124	-438,109	-1,993	-36,241	13,673	2,128	53,846	0,254	-493,925	0,000	-1,993	0,000	-36,241	12,687
	13763	4	10,400	-17,430	-435,230	-1,359	-36,753	14,211	2,014	53,846	0,264	-491,147	0,000	-1,359	0,000	-36,753	12,389
	13764	5	10,400	-17,736	-432,187	-0,761	-37,076	14,747	1,903	53,846	0,274	-488,198	0,000	-1,043	0,000	-37,076	12,154
EmbeddedBeamRow_1_1	13764	1	10,400	-17,736	-432,186	-0,759	-37,076	14,748	1,903	53,846	0,274	-488,195	0,000	-1,044	0,000	-37,076	12,154
Element 1-11 (Embedded beam row)	13765	2	10,400	-18,045	-428,947	-0,189	-37,222	15,286	1,793	53,846	0,284	-485,038	0,000	-0,895	0,000	-37,222	11,975
(palo 1500)	13766	3	10,400	-18,354	-425,538	0,349	-37,197	15,824	1,688	53,846	0,294	-481,698	0,000	-0,754	0,349	-37,197	11,851
	13767	4	10,400	-18,663	-421,963	0,856	-37,010	16,362	1,587	53,846	0,304	-478,176	0,000	-0,670	0,856	-37,010	11,776
	13768	5	10,400	-18,973	-418,225	1,330	-36,671	16,902	1,490	53,846	0,314	-474,474	0,000	-0,624	1,330	-36,671	11,745
EmbeddedBeamRow_1_1	13768	1	10,400	-18,973	-418,222	1,331	-36,671	16,901	1,490	53,846	0,314	-474,469	0,000	-0,624	1,331	-36,671	11,745
Element 1-12 (Embedded beam row)	13769	2	10,400	-19,285	-414,276	1,781	-36,184	17,443	1,396	53,846	0,324	-470,540	0,000	-0,578	1,781	-36,184	11,753
(palo 1500)	13770	3	10,400	-19,597	-410,156	2,203	-35,561	17,989	1,306	53,846	0,334	-466,412	0,000	-0,532	2,203	-35,561	11,794
	13771	4	10,400	-19,910	-405,866	2,598	-34,810	18,539	1,220	53,846	0,344	-462,088	0,000	-0,488	2,598	-34,810	11,863
	13772	5	10,400	-20,222	-401,406	2,966	-33,941	19,094	1,137	53,846	0,355	-457,570	0,000	-0,446	2,966	-33,941	11,953
EmbeddedBeamRow_1_1	13772	1	10,400	-20,222	-401,402	2,966	-33,941	19,094	1,137	53,846	0,355	-457,565	0,000	-0,446	2,966	-33,941	11,953
Element 1-13 (Embedded beam row)	13773	2	10,400	-20,538	-396,720	3,312	-32,950	19,661	1,056	53,846	0,365	-452,793	0,000	-0,406	3,312	-32,950	12,060
(palo 1500)	13774	3	10,400	-20,853	-391,852	3,633	-31,853	20,235	0,977	53,846	0,376	-447,801	0,000	-0,369	3,633	-31,853	12,176
	13775	4	10,400	-21,169	-386,802	3,929	-30,658	20,816	0,899	53,846	0,387	-442,593	0,000	-0,335	3,929	-30,658	12,297
	13776	5	10,400	-21,485	-381,572	4,200	-29,375	21,406	0,821	53,846	0,398	-437,170	0,000	-0,304	4,200	-29,375	12,414
EmbeddedBeamRow_1_1	13776	1	10,400	-21,485	-381,567	4,200	-29,375	21,406	0,821	53,846	0,398	-437,162	0,000	-0,304	4,200	-29,375	12,414
Element 1-14 (Embedded beam row)	13777	2	10,400	-21,804	-376,093	4,449	-27,995	22,012	0,741	53,846	0,409	-431,452	0,000	-0,278	4,449	-27,995	12,523
(palo 1500)	13778	3	10,400	-22,123	-370,417	4,673	-26,539	22,627	0,659	53,846	0,420	-425,495	0,000	-0,256	4,673	-26,539	12,617

Structural element	Node [10^3]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T,max [kN/m/m]	T,min [kN/m/m]	T,mean [kN/m/m]	T,delta	N,max [kN/m]	N,min [kN/m]	Q,max [kN/m]	Q,min [kN/m]	M,max [kN m/m]	M,min [kN m/m]
	13779	4	10,400	-22,442	-364,543	4,869	-25,016	23,255	0,573	53,846	0,432	-419,294	0,000	-0,238	4,869	-25,016	12,688
	13780	5	10,400	-22,761	-358,474	5,038	-23,436	23,894	0,483	53,846	0,444	-412,853	0,000	-0,224	5,038	-23,436	12,730
EmbeddedBeamRow_1_1	13780	1	10,400	-22,761	-358,468	5,037	-23,436	23,894	0,483	53,846	0,444	-412,844	0,000	-0,224	5,037	-23,436	12,730
Element 1-15 (Embedded beam row)	13781	2	10,400	-23,083	-352,126	5,178	-21,789	24,551	0,385	53,846	0,456	-406,074	0,000	-0,215	5,178	-21,789	12,736
(palo 1500)	13782	3	10,400	-23,405	-345,563	5,285	-20,101	25,222	0,279	53,846	0,468	-399,025	0,000	-0,210	5,285	-20,101	12,699
	13783	4	10,400	-23,728	-338,781	5,356	-18,385	25,907	0,164	53,846	0,481	-391,699	0,000	-0,357	5,356	-18,385	12,611
	13784	5	10,400	-24,050	-331,784	5,391	-16,652	26,606	0,038	53,846	0,494	-384,101	0,000	-0,546	5,391	-16,652	12,466
EmbeddedBeamRow_1_1	13784	1	10,400	-24,050	-331,777	5,388	-16,652	26,606	0,038	53,846	0,494	-384,091	0,000	-0,546	5,388	-16,652	12,466
Element 1-16 (Embedded beam row)	13785	2	10,400	-24,376	-324,476	5,380	-14,897	27,325	-0,101	53,846	0,507	-376,117	0,000	-0,758	5,380	-14,897	12,254
(palo 1500)	13786	3	10,400	-24,701	-316,930	5,322	-13,153	28,057	-0,255	53,846	0,521	-367,826	0,000	-0,992	5,322	-13,153	11,970
	13787	4	10,400	-25,027	-309,143	5,211	-11,435	28,803	-0,423	53,846	0,535	-359,223	0,000	-1,246	5,211	-11,435	11,605
	13788	5	10,400	-25,353	-301,121	5,047	-9,763	29,559	-0,606	53,846	0,549	-350,311	0,000	-1,521	5,047	-9,763	11,155
EmbeddedBeamRow_1_1	13788	1	10,400	-25,353	-301,114	5,043	-9,763	29,559	-0,606	53,846	0,549	-350,301	0,000	-1,519	5,043	-9,763	11,155
Element 1-17 (Embedded beam row)	13789	2	10,400	-25,682	-292,754	4,813	-8,140	30,332	-0,808	53,846	0,563	-340,963	0,000	-1,816	4,813	-8,140	10,607
(palo 1500)	13790	3	10,400	-26,011	-284,131	4,512	-6,603	31,113	-1,023	53,846	0,578	-331,274	0,000	-2,125	4,512	-6,603	9,958
	13791	4	10,400	-26,340	-275,249	4,138	-5,177	31,900	-1,247	53,846	0,592	-321,238	0,000	-2,443	4,138	-5,177	9,207
	13792	5	10,400	-26,670	-266,116	3,691	-3,887	32,688	-1,468	53,846	0,607	-310,863	0,000	-2,768	3,691	-3,887	8,349
EmbeddedBeamRow_1_1	13792	1	10,400	-26,670	-266,116	3,700	-3,887	32,692	-1,468	53,846	0,607	-310,860	0,000	-2,749	3,700	-3,887	8,349
Element 1-18 (Embedded beam row)	13793	2	10,400	-27,002	-256,614	3,163	-2,744	33,478	-1,670	53,846	0,622	-300,008	0,000	-3,080	3,163	-2,744	7,379
(palo 1500)	13794	3	10,400	-27,335	-246,859	2,587	-1,787	34,241	-1,813	53,846	0,636	-288,802	0,000	-3,339	2,587	-1,787	6,308
	13795	4	10,400	-27,667	-236,864	1,979	-1,026	34,923	-1,862	53,846	0,649	-277,253	0,000	-3,514	1,979	-1,026	5,166
	13796	5	10,400	-28,000	-226,641	1,346	-0,473	35,452	-1,775	53,846	0,658	-265,377	0,000	-3,595	1,346	-0,473	3,982
EmbeddedBeamRow_1_1	13796	1	10,400	-28,000	-226,871	1,420	-0,473	35,432	-1,771	53,846	0,658	-265,651	0,000	-3,512	1,420	-0,473	3,982
Element 1-19 (Embedded beam row)	13797	2	10,400	-28,403	-213,965	0,646	-0,064	35,987	-1,609	53,846	0,668	-250,532	0,000	-3,405	0,646	-0,064	2,575
(palo 1500)	13798	3	10,400	-28,805	-201,454	0,109	0,078	35,804	-1,149	53,846	0,665	-235,775	0,000	-2,815	0,109	0,000	1,305
	13799	4	10,400	-29,207	-189,607	-0,151	0,061	32,694	-0,234	53,846	0,607	-221,703	0,000	-1,713	0,000	0,000	0,377
	13800	5	10,400	-29,610	-178,688	-0,094	0,000	23,936	1,279	53,846	0,445	-208,638	0,000	-0,097	0,021	0,000	0,000
EmbeddedBeamRow_3_1	13801	1	14,300	-5,610	-352,138	-46,159	212,121	0,000	0,000	53,846	0,000	-363,650	0,000	-46,159	0,000	0,000	212,121
Element 2-20 (Embedded beam row)	13802	2	14,300	-6,010	-353,909	-46,071	193,659	0,225	0,452	53,846	0,004	-365,431	0,000	-46,071	0,000	0,000	193,659
(palo 1500)	13803	3	14,300	-6,411	-355,585	-45,797	175,261	0,465	0,918	53,846	0,009	-367,131	0,000	-45,797	0,000	0,000	175,261
	13804	4	14,300	-6,811	-357,164	-45,338	157,010	0,708	1,377	53,846	0,013	-368,748	0,000	-45,338	0,000	0,000	157,010
	13805	5	14,300	-7,211	-358,646	-44,695	138,989	0,938	1,801	53,846	0,017	-370,279	0,000	-44,695	0,000	0,000	138,989
EmbeddedBeamRow_3_1	13805	1	14,300	-7,211	-358,645	-44,693	138,989	2,491	4,787	53,846	0,046	-370,277	0,000	-44,693	0,000	0,000	138,989
Element 2-21 (Embedded beam row)	13806	2	14,300	-7,524	-359,292	-43,181	125,259	2,452	4,956	53,846	0,046	-371,011	0,000	-43,181	0,000	0,000	125,259
(palo 1500)	13807	3	14,300	-7,836	-359,945	-41,596	112,008	2,434	5,185	53,846	0,045	-371,714	0,000	-41,596	0,000	0,000	112,008
	13808	4	14,300	-8,149	-360,601	-39,938	99,264	2,428	5,421	53,846	0,045	-372,388	0,000	-39,938	0,000	0,000	99,264

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T,,,, [kN/m/m]	T,,, [kN/m/m]	T,,,,,,, [kN/m/m]	T,,,,,,,	N,,, [kN/m]	N,,, [kN/m]	Q,,, [kN/m]	Q,,, [kN/m]	M,,, [kN m/m]	M,,, [kN m/m]
	13809	5	14,300	-8,461	-361,259	-38,209	87,054	2,447	5,613	53,846	0,045	-373,029	0,000	-38,209	0,000	0,000	87,054
EmbeddedBeamRow_3_1	13809	1	14,300	-8,461	-361,254	-38,219	87,054	2,447	5,616	53,846	0,045	-373,028	0,000	-38,219	0,000	0,000	87,054
Element 2-22 (Embedded beam row)	13810	2	14,300	-8,774	-361,902	-36,433	75,392	2,499	5,745	53,846	0,046	-373,634	0,000	-36,433	0,000	0,000	75,392
(palo 1500)	13811	3	14,300	-9,086	-362,524	-34,627	64,286	2,575	5,820	53,846	0,048	-374,205	0,000	-34,627	0,000	0,000	64,286
	13812	4	14,300	-9,399	-363,120	-32,806	53,746	2,669	5,845	53,846	0,050	-374,739	0,000	-32,806	0,000	0,000	53,746
	13813	5	14,300	-9,711	-363,688	-30,973	43,783	2,781	5,807	53,846	0,052	-375,237	0,000	-30,973	0,000	0,000	43,783
EmbeddedBeamRow_3_1	13813	1	14,300	-9,711	-363,686	-30,983	43,783	2,781	5,806	53,846	0,052	-375,237	0,000	-30,983	0,000	0,000	43,783
Element 2-23 (Embedded beam row)	13814	2	14,300	-10,024	-364,213	-29,182	34,385	2,905	5,696	53,846	0,054	-375,701	0,000	-29,182	0,000	0,000	34,385
(palo 1500)	13815	3	14,300	-10,336	-364,702	-27,423	25,540	3,028	5,560	53,846	0,056	-376,129	0,000	-27,423	0,000	0,000	28,348
	13816	4	14,300	-10,649	-365,153	-25,709	17,237	3,152	5,410	53,846	0,059	-376,520	0,000	-25,709	0,000	0,000	24,666
	13817	5	14,300	-10,961	-365,564	-24,042	9,467	3,281	5,253	53,846	0,061	-376,873	0,000	-24,042	0,000	0,000	21,225
EmbeddedBeamRow_3_1	13817	1	14,300	-10,961	-365,563	-24,043	9,467	3,281	5,253	53,846	0,061	-376,872	0,000	-24,043	0,000	0,000	21,225
Element 2-24 (Embedded beam row)	13818	2	14,300	-11,274	-365,934	-22,427	2,209	3,416	5,090	53,846	0,063	-377,184	0,000	-22,427	0,000	0,000	18,017
(palo 1500)	13819	3	14,300	-11,586	-366,260	-20,861	-4,555	3,558	4,927	53,846	0,066	-377,452	0,000	-20,861	0,000	-4,555	15,034
	13820	4	14,300	-11,899	-366,542	-19,349	-10,838	3,702	4,755	53,846	0,069	-377,674	0,000	-19,349	0,000	-10,838	12,272
	13821	5	14,300	-12,211	-366,778	-17,890	-16,654	3,841	4,544	53,846	0,071	-377,850	0,000	-17,890	0,000	-16,654	9,726
EmbeddedBeamRow_3_1	13821	1	14,300	-12,211	-366,770	-17,891	-16,654	5,373	6,345	53,846	0,100	-377,844	0,000	-17,891	0,000	-16,654	9,726
Element 2-25 (Embedded beam row)	13822	2	14,300	-12,496	-366,548	-16,134	-21,498	5,348	6,016	53,846	0,099	-377,531	0,000	-16,134	0,000	-21,498	7,615
(palo 1500)	13823	3	14,300	-12,781	-366,306	-14,463	-25,856	5,397	5,710	53,846	0,100	-377,192	0,000	-14,463	0,000	-25,856	5,779
	13824	4	14,300	-13,066	-366,043	-12,879	-29,750	5,503	5,408	53,846	0,102	-376,822	0,000	-12,879	0,000	-29,750	4,318
	13825	5	14,300	-13,351	-365,754	-11,382	-33,204	5,649	5,104	53,846	0,105	-376,421	0,000	-11,382	0,000	-33,204	3,036
EmbeddedBeamRow_3_1	13825	1	14,300	-13,351	-365,745	-11,383	-33,204	5,649	5,104	53,846	0,105	-376,415	0,000	-11,383	0,000	-33,204	3,036
Element 2-26 (Embedded beam row)	13826	2	14,300	-13,639	-365,403	-9,957	-36,273	5,824	4,786	53,846	0,108	-375,958	0,000	-9,957	0,000	-36,273	1,891
(palo 1500)	13827	3	14,300	-13,927	-365,001	-8,627	-38,947	6,025	4,454	53,846	0,112	-375,447	0,000	-8,627	0,000	-38,947	0,883
	13828	4	14,300	-14,215	-364,539	-7,395	-41,252	6,244	4,108	53,846	0,116	-374,882	0,000	-7,395	0,000	-41,252	0,099
	13829	5	14,300	-14,503	-364,016	-6,262	-43,215	6,467	3,770	53,846	0,120	-374,263	0,000	-6,262	0,000	-43,215	0,050
EmbeddedBeamRow_3_1	13829	1	14,300	-14,503	-364,013	-6,259	-43,215	6,467	3,769	53,846	0,120	-374,261	0,000	-6,259	0,000	-43,215	0,050
Element 2-27 (Embedded beam row)	13830	2	14,300	-14,794	-363,418	-5,213	-44,881	6,698	3,449	53,846	0,124	-373,577	0,000	-5,213	0,000	-44,881	0,006
(palo 1500)	13831	3	14,300	-15,084	-362,753	-4,252	-46,256	6,937	3,148	53,846	0,129	-372,829	0,000	-4,252	0,000	-46,256	0,000
	13832	4	14,300	-15,375	-362,016	-3,377	-47,365	7,184	2,865	53,846	0,133	-372,017	0,000	-3,377	0,000	-47,365	0,000
	13833	5	14,300	-15,666	-361,209	-2,586	-48,230	7,440	2,600	53,846	0,138	-371,140	0,000	-2,586	0,000	-48,230	0,000
EmbeddedBeamRow_3_1	13833	1	14,300	-15,666	-361,207	-2,581	-48,230	7,439	2,599	53,846	0,138	-371,138	0,000	-2,581	0,000	-48,230	0,000
Element 2-28 (Embedded beam row)	13834	2	14,300	-15,960	-360,315	-1,858	-48,881	7,702	2,349	53,846	0,143	-370,183	0,000	-1,858	0,000	-48,881	0,000
(palo 1500)	13835	3	14,300	-16,254	-359,343	-1,200	-49,329	7,973	2,119	53,846	0,148	-369,154	0,000	-1,200	0,000	-49,329	0,000
	13836	4	14,300	-16,548	-358,289	-0,608	-49,593	8,252	1,908	53,846	0,153	-368,051	0,000	-0,627	0,000	-49,593	0,000
	13837	5	14,300	-16,842	-357,155	-0,079	-49,692	8,539	1,715	53,846	0,159	-366,874	0,000	-0,489	0,000	-49,692	0,000

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
EmbeddedBeamRow_3_1	13837	1	14,300	-16,842	-357,153	-0,074	-49,692	8,536	1,715	53,846	0,159	-366,871	0,000	-0,488	0,000	-49,692	0,000
Element 2-29 (Embedded beam row)	13838	2	14,300	-17,140	-355,922	0,405	-49,642	8,827	1,538	53,846	0,164	-365,605	0,000	-0,365	0,405	-49,642	0,000
(palo 1500)	13839	3	14,300	-17,437	-354,600	0,839	-49,456	9,128	1,379	53,846	0,170	-364,254	0,000	-0,257	0,839	-49,456	0,000
	13840	4	14,300	-17,734	-353,188	1,229	-49,148	9,439	1,238	53,846	0,175	-362,818	0,000	-0,166	1,229	-49,148	0,000
	13841	5	14,300	-18,031	-351,685	1,574	-48,730	9,759	1,113	53,846	0,181	-361,299	0,000	-0,092	1,574	-48,730	0,000
EmbeddedBeamRow_3_1	13841	1	14,300	-18,031	-351,681	1,578	-48,730	9,759	1,113	53,846	0,181	-361,296	0,000	-0,091	1,578	-48,730	0,000
Element 2-30 (Embedded beam row)	13842	2	14,300	-18,331	-350,065	1,892	-48,209	10,092	1,002	53,846	0,187	-359,670	0,000	-0,037	1,892	-48,209	0,000
(palo 1500)	13843	3	14,300	-18,631	-348,343	2,180	-47,597	10,435	0,907	53,846	0,194	-357,944	0,000	-0,033	2,180	-47,597	0,000
	13844	4	14,300	-18,932	-346,517	2,440	-46,902	10,790	0,827	53,846	0,200	-356,120	0,000	-0,028	2,440	-46,902	0,000
	13845	5	14,300	-19,232	-344,586	2,676	-46,134	11,155	0,761	53,846	0,207	-354,197	0,000	-0,024	2,676	-46,134	0,000
EmbeddedBeamRow_3_1	13845	1	14,300	-19,232	-344,582	2,679	-46,134	11,155	0,761	53,846	0,207	-354,193	0,000	-0,024	2,679	-46,134	0,000
Element 2-31 (Embedded beam row)	13846	2	14,300	-19,535	-342,518	2,899	-45,288	11,535	0,707	53,846	0,214	-352,142	0,000	-0,020	2,899	-45,288	0,000
(palo 1500)	13847	3	14,300	-19,839	-340,333	3,108	-44,376	11,927	0,665	53,846	0,221	-349,973	0,000	-0,015	3,108	-44,376	0,000
	13848	4	14,300	-20,142	-338,027	3,305	-43,402	12,331	0,634	53,846	0,229	-347,687	0,000	-0,011	3,305	-43,402	0,000
	13849	5	14,300	-20,445	-335,601	3,492	-42,371	12,748	0,613	53,846	0,237	-345,285	0,000	-0,006	3,492	-42,371	0,000
EmbeddedBeamRow_3_1	13849	1	14,300	-20,445	-335,596	3,494	-42,371	12,748	0,613	53,846	0,237	-345,280	0,000	-0,006	3,494	-42,371	0,000
Element 2-32 (Embedded beam row)	13850	2	14,300	-20,752	-333,015	3,679	-41,272	13,183	0,602	53,846	0,245	-342,724	0,000	-0,002	3,679	-41,272	0,000
(palo 1500)	13851	3	14,300	-21,059	-330,292	3,863	-40,116	13,632	0,598	53,846	0,253	-340,029	0,000	0,000	3,863	-40,116	0,000
	13852	4	14,300	-21,365	-327,430	4,047	-38,903	14,096	0,601	53,846	0,262	-337,194	0,000	0,000	4,047	-38,903	0,000
	13853	5	14,300	-21,672	-324,428	4,231	-37,634	14,576	0,609	53,846	0,271	-334,221	0,000	0,000	4,231	-37,634	0,000
EmbeddedBeamRow_3_1	13853	1	14,300	-21,672	-324,422	4,232	-37,634	14,577	0,609	53,846	0,271	-334,214	0,000	0,000	4,232	-37,634	0,000
Element 2-33 (Embedded beam row)	13854	2	14,300	-21,982	-321,238	4,422	-36,294	15,079	0,621	53,846	0,280	-331,056	0,000	0,000	4,422	-36,294	0,000
(palo 1500)	13855	3	14,300	-22,291	-317,888	4,617	-34,893	15,601	0,634	53,846	0,290	-327,730	0,000	0,000	4,617	-34,893	0,000
	13856	4	14,300	-22,601	-314,373	4,816	-33,432	16,143	0,648	53,846	0,300	-324,235	0,000	0,000	4,816	-33,432	0,000
	13857	5	14,300	-22,911	-310,694	5,018	-31,909	16,706	0,658	53,846	0,310	-320,573	0,000	0,000	5,018	-31,909	0,000
EmbeddedBeamRow_3_1	13857	1	14,300	-22,911	-310,686	5,017	-31,909	16,706	0,658	53,846	0,310	-320,564	0,000	0,000	5,017	-31,909	0,000
Element 2-34 (Embedded beam row)	13858	2	14,300	-23,224	-306,789	5,226	-30,306	17,299	0,664	53,846	0,321	-316,678	0,000	0,000	5,226	-30,306	0,000
(palo 1500)	13859	3	14,300	-23,537	-302,693	5,433	-28,637	17,917	0,661	53,846	0,333	-312,586	0,000	0,000	5,433	-28,637	0,000
	13860	4	14,300	-23,850	-298,399	5,637	-26,904	18,563	0,645	53,846	0,345	-308,287	0,000	0,000	5,637	-26,904	0,000
	13861	5	14,300	-24,163	-293,909	5,837	-25,108	19,239	0,614	53,846	0,357	-303,783	0,000	0,000	5,837	-25,108	0,000
EmbeddedBeamRow_3_1	13861	1	14,300	-24,163	-293,898	5,832	-25,108	19,239	0,614	53,846	0,357	-303,771	0,000	0,000	5,832	-25,108	0,000
Element 2-35 (Embedded beam row)	13862	2	14,300	-24,480	-289,142	6,024	-23,232	19,954	0,561	53,846	0,371	-298,991	0,000	0,000	6,024	-23,232	0,000
(palo 1500)	13863	3	14,300	-24,796	-284,142	6,187	-21,299	20,703	0,481	53,846	0,384	-293,953	0,000	0,000	6,187	-21,299	0,000
	13864	4	14,300	-25,113	-278,898	6,321	-19,319	21,491	0,368	53,846	0,399	-288,659	0,000	0,000	6,321	-19,319	0,000
	13865	5	14,300	-25,429	-273,413	6,421	-17,303	22,317	0,215	53,846	0,414	-283,108	0,000	0,000	6,421	-17,303	0,000
EmbeddedBeamRow_3_1	13865	1	14,300	-25,429	-273,399	6,408	-17,303	22,318	0,215	53,846	0,414	-283,093	0,000	0,000	6,408	-17,303	0,000

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T,,,, [kN/m/m]	T,, [kN/m/m]	T,,,,,,, [kN/m/m]	T,,,,,,,	N,,, [kN/m]	N,,, [kN/m]	Q,,, [kN/m]	Q,,, [kN/m]	M,,, [kN m/m]	M,,, [kN m/m]
Element 2-36 (Embedded beam row)	13866	2	14,300	-25,749	-267,585	6,457	-15,245	23,195	0,012	53,846	0,431	-277,196	0,000	0,000	6,457	-15,245	0,000
(palo 1500)	13867	3	14,300	-26,068	-261,468	6,417	-13,184	24,114	-0,246	53,846	0,448	-270,977	0,000	0,000	6,417	-13,184	0,132
	13868	4	14,300	-26,388	-255,051	6,286	-11,151	25,076	-0,564	53,846	0,466	-264,438	0,000	0,000	6,286	-11,151	0,417
	13869	5	14,300	-26,708	-248,334	6,058	-9,175	26,076	-0,937	53,846	0,484	-257,578	0,000	0,000	6,058	-9,175	0,678
EmbeddedBeamRow_3_1	13869	1	14,300	-26,708	-248,325	6,050	-9,175	26,076	-0,937	53,846	0,484	-257,568	0,000	0,000	6,050	-9,175	0,678
Element 2-37 (Embedded beam row)	13870	2	14,300	-27,031	-241,201	5,680	-7,277	27,115	-1,362	53,846	0,504	-250,277	0,000	0,000	5,680	-7,277	0,895
(palo 1500)	13871	3	14,300	-27,354	-233,733	5,170	-5,520	28,173	-1,799	53,846	0,523	-242,614	0,000	0,000	5,170	-5,520	1,044
	13872	4	14,300	-27,677	-225,928	4,523	-3,951	29,202	-2,208	53,846	0,542	-234,588	0,000	0,000	4,523	-3,951	1,107
	13873	5	14,300	-28,000	-217,794	3,743	-2,612	30,121	-2,553	53,846	0,559	-226,205	0,000	-0,293	3,743	-2,612	1,068
EmbeddedBeamRow_3_1	13873	1	14,300	-28,000	-217,953	3,813	-2,612	30,067	-2,543	53,846	0,558	-226,368	0,000	-0,211	3,813	-2,612	1,068
Element 2-38 (Embedded beam row)	13874	2	14,300	-28,403	-207,199	2,632	-1,316	31,185	-2,809	53,846	0,579	-215,254	0,000	-0,694	2,632	-1,316	0,878
(palo 1500)	13875	3	14,300	-28,805	-196,415	1,534	-0,483	31,942	-2,750	53,846	0,593	-204,072	0,000	-0,888	1,534	-0,483	0,547
	13876	4	14,300	-29,207	-185,829	0,569	-0,063	30,205	-2,152	53,846	0,561	-193,058	0,000	-0,745	0,569	-0,063	0,209
	13877	5	14,300	-29,610	-175,667	-0,216	0,000	23,519	-0,011	53,846	0,437	-182,448	0,000	-0,219	0,003	0,000	0,000
EmbeddedBeamRow_2_1	13878	1	18,200	-5,610	-456,390	-70,736	284,701	0,000	0,000	53,846	0,000	-456,390	0,000	-70,736	0,000	0,000	284,701
Element 3-39 (Embedded beam row)	13879	2	18,200	-5,885	-457,613	-70,693	265,273	0,110	0,471	53,846	0,002	-457,613	0,000	-70,693	0,000	0,000	265,273
(palo 1500)	13880	3	18,200	-6,159	-458,818	-70,480	245,871	0,197	1,059	53,846	0,004	-458,818	0,000	-70,480	0,000	0,000	245,871
	13881	4	18,200	-6,434	-460,004	-70,091	226,552	0,240	1,751	53,846	0,004	-460,004	0,000	-70,091	0,000	0,000	226,552
	13882	5	18,200	-6,709	-461,175	-69,520	207,374	0,258	2,477	53,846	0,005	-461,175	0,000	-69,520	0,000	0,000	207,374
EmbeddedBeamRow_2_1	13882	1	18,200	-6,709	-461,173	-69,524	207,374	0,258	2,475	53,846	0,005	-461,173	0,000	-69,524	0,000	0,000	207,374
Element 3-40 (Embedded beam row)	13883	2	18,200	-6,951	-462,210	-68,839	190,612	0,316	3,050	53,846	0,006	-462,210	0,000	-68,839	0,000	0,000	190,612
(palo 1500)	13884	3	18,200	-7,194	-463,216	-68,045	174,022	0,446	3,515	53,846	0,008	-463,216	0,000	-68,045	0,000	0,000	174,022
	13885	4	18,200	-7,436	-464,187	-67,148	157,637	0,597	3,902	53,846	0,011	-464,187	0,000	-67,148	0,000	0,000	157,637
	13886	5	18,200	-7,678	-465,122	-66,153	141,489	0,773	4,199	53,846	0,014	-465,122	0,000	-66,153	0,000	0,000	141,489
EmbeddedBeamRow_2_1	13886	1	18,200	-7,678	-465,107	-66,176	141,489	2,064	11,225	53,846	0,038	-465,107	0,000	-66,176	0,000	0,000	141,489
Element 3-41 (Embedded beam row)	13887	2	18,200	-7,991	-465,902	-62,599	121,371	2,051	11,519	53,846	0,038	-465,902	0,000	-62,599	0,000	0,000	121,371
(palo 1500)	13888	3	18,200	-8,303	-466,659	-58,973	102,371	2,145	11,706	53,846	0,040	-466,659	0,000	-58,973	0,000	0,000	102,371
	13889	4	18,200	-8,616	-467,374	-55,312	84,508	2,327	11,747	53,846	0,043	-467,374	0,000	-55,312	0,000	0,000	84,508
	13890	5	18,200	-8,928	-468,039	-51,628	67,802	2,559	11,669	53,846	0,048	-468,039	0,000	-51,628	0,000	0,000	67,802
EmbeddedBeamRow_2_1	13890	1	18,200	-8,928	-468,030	-51,651	67,802	2,559	11,667	53,846	0,048	-468,030	0,000	-51,651	0,000	0,000	67,802
Element 3-42 (Embedded beam row)	13891	2	18,200	-9,241	-468,608	-48,027	52,233	2,820	11,453	53,846	0,052	-468,608	0,000	-48,027	0,000	0,000	52,233
(palo 1500)	13892	3	18,200	-9,553	-469,100	-44,492	37,776	3,091	11,179	53,846	0,057	-469,100	0,000	-44,492	0,000	0,000	37,776
	13893	4	18,200	-9,866	-469,506	-41,051	24,409	3,372	10,850	53,846	0,063	-469,506	0,000	-41,051	0,000	0,000	28,877
	13894	5	18,200	-10,178	-469,825	-37,711	12,108	3,662	10,479	53,846	0,068	-469,825	0,000	-37,711	0,000	-0,664	22,263
EmbeddedBeamRow_2_1	13894	1	18,200	-10,178	-469,823	-37,718	12,108	3,665	10,491	53,846	0,068	-469,823	0,000	-37,718	0,000	-0,664	22,263
Element 3-43 (Embedded beam row)	13895	2	18,200	-10,491	-470,049	-34,502	0,830	3,960	10,067	53,846	0,074	-470,049	0,000	-34,502	0,000	-1,699	16,185

Structural element	Node [10⁻]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- [kN/m/m]	T---	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
(palo 1500)	13896	3	18,200	-10,803	-470,180	-31,427	-9,470	4,262	9,612	53,846	0,079	-470,180	0,000	-31,427	0,000	-9,470	10,623
	13897	4	18,200	-11,116	-470,216	-28,496	-18,831	4,570	9,142	53,846	0,085	-470,216	0,000	-28,496	0,000	-18,831	5,559
	13898	5	18,200	-11,428	-470,156	-25,713	-27,296	4,883	8,669	53,846	0,091	-470,156	0,000	-25,713	0,000	-27,296	1,478
EmbeddedBeamRow_2_1	13898	1	18,200	-11,428	-470,155	-25,711	-27,296	4,890	8,670	53,846	0,091	-470,155	0,000	-25,711	0,000	-27,296	1,478
Element 3-44 (Embedded beam row)	13899	2	18,200	-11,741	-469,997	-23,080	-34,914	5,186	8,194	53,846	0,096	-469,997	0,000	-23,080	0,000	-34,914	0,000
(palo 1500)	13900	3	18,200	-12,053	-469,746	-20,591	-41,735	5,482	7,733	53,846	0,102	-469,746	0,000	-20,591	0,000	-41,735	0,000
	13901	4	18,200	-12,366	-469,404	-18,244	-47,801	5,770	7,281	53,846	0,107	-469,404	0,000	-18,244	0,000	-47,801	0,000
	13902	5	18,200	-12,678	-468,971	-16,041	-53,153	6,038	6,807	53,846	0,112	-468,971	0,000	-16,041	0,000	-53,153	0,000
EmbeddedBeamRow_2_1	13902	1	18,200	-12,678	-468,967	-16,036	-53,153	8,464	9,552	53,846	0,157	-468,967	0,000	-16,036	0,000	-53,153	0,000
Element 3-45 (Embedded beam row)	13903	2	18,200	-12,978	-467,775	-13,306	-57,541	8,625	8,744	53,846	0,160	-467,775	0,000	-13,306	0,000	-57,541	0,000
(palo 1500)	13904	3	18,200	-13,277	-466,516	-10,799	-61,146	8,840	7,985	53,846	0,164	-466,516	0,000	-10,799	0,000	-61,146	0,000
	13905	4	18,200	-13,577	-465,186	-8,517	-64,034	9,092	7,247	53,846	0,169	-465,186	0,000	-8,517	0,000	-64,034	0,000
	13906	5	18,200	-13,876	-463,784	-6,459	-66,271	9,368	6,530	53,846	0,174	-463,784	0,000	-6,459	0,040	-66,271	0,000
EmbeddedBeamRow_2_1	13906	1	18,200	-13,876	-463,779	-6,451	-66,271	9,368	6,530	53,846	0,174	-463,779	0,000	-6,451	0,042	-66,271	0,000
Element 3-46 (Embedded beam row)	13907	2	18,200	-14,179	-462,273	-4,586	-67,938	9,657	5,832	53,846	0,179	-462,273	0,000	-4,586	0,220	-67,938	0,000
(palo 1500)	13908	3	18,200	-14,482	-460,674	-2,918	-69,070	9,957	5,167	53,846	0,185	-460,674	0,000	-2,918	0,369	-69,070	0,000
	13909	4	18,200	-14,785	-458,982	-1,446	-69,726	10,266	4,539	53,846	0,191	-458,982	0,000	-1,446	0,491	-69,726	0,000
	13910	5	18,200	-15,088	-457,199	-0,169	-69,966	10,584	3,951	53,846	0,197	-457,199	0,000	-0,366	0,585	-69,966	0,000
EmbeddedBeamRow_2_1	13910	1	18,200	-15,088	-457,196	-0,158	-69,966	10,584	3,951	53,846	0,197	-457,196	0,000	-0,361	0,587	-69,966	0,000
Element 3-47 (Embedded beam row)	13911	2	18,200	-15,395	-455,296	0,959	-69,839	10,895	3,398	53,846	0,202	-455,296	0,000	0,000	0,959	-69,839	0,000
(palo 1500)	13912	3	18,200	-15,701	-453,296	1,924	-69,394	11,215	2,889	53,846	0,208	-453,296	0,000	0,000	1,924	-69,394	0,000
	13913	4	18,200	-16,008	-451,197	2,739	-68,675	11,541	2,425	53,846	0,214	-451,197	0,000	0,000	2,739	-68,675	0,000
	13914	5	18,200	-16,314	-449,000	3,409	-67,730	11,873	2,004	53,846	0,221	-449,000	0,000	0,000	3,409	-67,730	0,000
EmbeddedBeamRow_2_1	13914	1	18,200	-16,314	-448,997	3,420	-67,730	11,873	2,004	53,846	0,221	-448,997	0,000	0,000	3,420	-67,730	0,000
Element 3-48 (Embedded beam row)	13915	2	18,200	-16,624	-446,671	3,973	-66,582	12,216	1,622	53,846	0,227	-446,671	0,000	0,000	3,973	-66,582	0,000
(palo 1500)	13916	3	18,200	-16,934	-444,234	4,424	-65,277	12,566	1,282	53,846	0,233	-444,234	0,000	0,000	4,424	-65,277	0,000
	13917	4	18,200	-17,244	-441,687	4,777	-63,848	12,924	0,984	53,846	0,240	-441,687	0,000	0,000	4,777	-63,848	0,000
	13918	5	18,200	-17,554	-439,031	5,033	-62,326	13,290	0,724	53,846	0,247	-439,031	0,000	0,000	5,033	-62,326	0,000
EmbeddedBeamRow_2_1	13918	1	18,200	-17,554	-439,028	5,043	-62,326	13,290	0,724	53,846	0,247	-439,028	0,000	0,000	5,043	-62,326	0,000
Element 3-49 (Embedded beam row)	13919	2	18,200	-17,868	-436,225	5,227	-60,715	13,669	0,500	53,846	0,254	-436,225	0,000	0,000	5,227	-60,715	0,000
(palo 1500)	13920	3	18,200	-18,181	-433,299	5,356	-59,054	14,056	0,313	53,846	0,261	-433,299	0,000	0,000	5,356	-59,054	0,000
	13921	4	18,200	-18,495	-430,249	5,431	-57,361	14,453	0,160	53,846	0,268	-430,249	0,000	0,000	5,431	-57,361	0,000
	13922	5	18,200	-18,808	-427,078	5,455	-55,654	14,859	0,038	53,846	0,276	-427,078	0,000	0,000	5,455	-55,654	0,000
EmbeddedBeamRow_2_1	13922	1	18,200	-18,808	-427,074	5,462	-55,654	14,859	0,038	53,846	0,276	-427,074	0,000	0,000	5,462	-55,654	0,000
Element 3-50 (Embedded beam row)	13923	2	18,200	-19,125	-423,736	5,454	-53,923	15,281	-0,055	53,846	0,284	-423,736	0,000	0,000	5,454	-53,923	0,000
(palo 1500)	13924	3	18,200	-19,442	-420,256	5,427	-52,197	15,715	-0,122	53,846	0,292	-420,256	0,000	0,000	5,427	-52,197	0,000

Structural element	Node [10⁻]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N-- - [kN/m]	N--- [kN/m]	Q-- [kN/m]	Q--- [kN/m]	M-- - [kN m/m]	M--- [kN m/m]
	13925	4	18,200	-19,760	-416,638	5,382	-50,482	16,161	-0,163	53,846	0,300	-416,638	0,000	0,000	5,382	-50,482	0,000
	13926	5	18,200	-20,077	-412,881	5,322	-48,785	16,620	-0,182	53,846	0,309	-412,881	0,000	0,000	5,322	-48,785	0,000
EmbeddedBeamRow_2_1	13926	1	18,200	-20,077	-412,875	5,328	-48,785	16,620	-0,182	53,846	0,309	-412,875	0,000	0,000	5,328	-48,785	0,000
Element 3-51 (Embedded beam row)	13927	2	18,200	-20,398	-408,926	5,266	-47,086	17,099	-0,182	53,846	0,318	-408,926	0,000	0,000	5,266	-47,086	0,000
(palo 1500)	13928	3	18,200	-20,718	-404,814	5,211	-45,406	17,594	-0,164	53,846	0,327	-404,814	0,000	0,000	5,211	-45,406	0,000
	13929	4	18,200	-21,039	-400,540	5,164	-43,741	18,106	-0,132	53,846	0,336	-400,540	0,000	0,000	5,164	-43,741	0,000
	13930	5	18,200	-21,360	-396,106	5,126	-42,092	18,635	-0,086	53,846	0,346	-396,106	0,000	0,000	5,126	-42,092	0,000
EmbeddedBeamRow_2_1	13930	1	18,200	-21,360	-396,099	5,128	-42,092	18,635	-0,086	53,846	0,346	-396,099	0,000	0,000	5,128	-42,092	0,000
Element 3-52 (Embedded beam row)	13931	2	18,200	-21,684	-391,439	5,108	-40,432	19,190	-0,029	53,846	0,356	-391,439	0,000	0,000	5,108	-40,432	0,000
(palo 1500)	13932	3	18,200	-22,009	-386,588	5,110	-38,775	19,767	0,037	53,846	0,367	-386,588	0,000	0,000	5,110	-38,775	0,000
	13933	4	18,200	-22,333	-381,545	5,133	-37,113	20,367	0,108	53,846	0,378	-381,545	0,000	0,000	5,133	-37,113	0,000
	13934	5	18,200	-22,658	-376,313	5,180	-35,441	20,993	0,182	53,846	0,390	-376,313	0,000	0,000	5,180	-35,441	0,000
EmbeddedBeamRow_2_1	13934	1	18,200	-22,658	-376,303	5,180	-35,441	20,993	0,182	53,846	0,390	-376,303	0,000	0,000	5,180	-35,441	0,000
Element 3-53 (Embedded beam row)	13935	2	18,200	-22,986	-370,801	5,253	-33,730	21,653	0,257	53,846	0,402	-370,801	0,000	0,000	5,253	-33,730	0,000
(palo 1500)	13936	3	18,200	-23,314	-365,066	5,349	-31,991	22,343	0,329	53,846	0,415	-365,066	0,000	0,000	5,349	-31,991	0,000
	13937	4	18,200	-23,642	-359,100	5,467	-30,216	23,065	0,393	53,846	0,428	-359,100	0,000	0,000	5,467	-30,216	0,000
	13938	5	18,200	-23,971	-352,903	5,607	-28,400	23,821	0,446	53,846	0,442	-352,903	0,000	0,000	5,607	-28,400	0,000
EmbeddedBeamRow_2_1	13938	1	18,200	-23,971	-352,890	5,602	-28,400	23,822	0,446	53,846	0,442	-352,890	0,000	0,000	5,602	-28,400	0,000
Element 3-54 (Embedded beam row)	13939	2	18,200	-24,302	-346,366	5,761	-26,514	24,623	0,482	53,846	0,457	-346,366	0,000	0,000	5,761	-26,514	0,000
(palo 1500)	13940	3	18,200	-24,634	-339,553	5,923	-24,574	25,462	0,497	53,846	0,473	-339,553	0,000	0,000	5,923	-24,574	0,000
	13941	4	18,200	-24,966	-332,456	6,085	-22,581	26,344	0,486	53,846	0,489	-332,456	0,000	0,000	6,085	-22,581	0,000
	13942	5	18,200	-25,298	-325,074	6,246	-20,534	27,271	0,442	53,846	0,506	-325,074	0,000	0,000	6,246	-20,534	0,000
EmbeddedBeamRow_2_1	13942	1	18,200	-25,298	-325,058	6,234	-20,534	27,272	0,442	53,846	0,506	-325,058	0,000	0,000	6,234	-20,534	0,000
Element 3-55 (Embedded beam row)	13943	2	18,200	-25,634	-317,271	6,381	-18,416	28,259	0,353	53,846	0,525	-317,271	0,000	0,000	6,381	-18,416	0,000
(palo 1500)	13944	3	18,200	-25,970	-309,127	6,473	-16,256	29,294	0,209	53,846	0,544	-309,127	0,000	0,000	6,473	-16,256	0,000
	13945	4	18,200	-26,306	-300,628	6,505	-14,075	30,372	-0,004	53,846	0,564	-300,628	0,000	0,000	6,505	-14,075	0,000
	13946	5	18,200	-26,641	-291,777	6,472	-11,895	31,477	-0,286	53,846	0,585	-291,777	0,000	0,000	6,472	-11,895	0,000
EmbeddedBeamRow_2_1	13946	1	18,200	-26,641	-291,773	6,452	-11,895	31,479	-0,286	53,846	0,585	-291,773	0,000	0,000	6,452	-11,895	0,000
Element 3-56 (Embedded beam row)	13947	2	18,200	-26,981	-282,421	6,305	-9,724	32,634	-0,675	53,846	0,606	-282,421	0,000	0,000	6,305	-9,724	0,000
(palo 1500)	13948	3	18,200	-27,321	-272,684	5,995	-7,630	33,764	-1,135	53,846	0,627	-272,684	0,000	0,000	5,995	-7,630	0,000
	13949	4	18,200	-27,660	-262,578	5,517	-5,670	34,815	-1,667	53,846	0,647	-262,578	0,000	0,000	5,517	-5,670	0,000
	13950	5	18,200	-28,000	-252,113	4,865	-3,902	35,688	-2,280	53,846	0,663	-252,113	0,000	0,000	4,865	-3,902	0,000
EmbeddedBeamRow_2_1	13950	1	18,200	-28,000	-252,317	4,904	-3,902	35,616	-2,271	53,846	0,661	-252,317	0,000	0,000	4,904	-3,902	0,000
Element 3-57 (Embedded beam row)	13951	2	18,200	-28,403	-239,313	3,764	-2,152	36,525	-2,984	53,846	0,678	-239,313	0,000	0,000	3,764	-2,152	0,000
(palo 1500)	13952	3	18,200	-28,805	-226,474	2,483	-0,893	36,858	-3,494	53,846	0,685	-226,474	0,000	0,000	2,483	-0,893	0,027
	13953	4	18,200	-29,207	-214,049	1,113	-0,165	34,467	-3,424	53,846	0,640	-214,049	0,000	-0,061	1,113	-0,165	0,074

Structural element	Node [10 ˚]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T··· [kN/m/m]	T··· [kN/m/m]	T··· [kN/m/m]	T···	N··· [kN/m]	N··· [kN/m]	Q··· [kN/m]	Q··· [kN/m]	M··· [kN m/m]	M··· [kN m/m]
	13954	5	18,200	-29,610	-202,287	-0,293	0,000	27,070	-1,212	53,846	0,503	-202,287	0,000	-0,293	0,000	0,000	0,000

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1.1.1.1.1 Materials - Soil and interfaces - Hardening Soil

Identification number		1	2	4	5
Identification		STRATO B	STRATO C	STRATO A	STRATO A'
Soil model		Hardening Soil	Hardening Soil	Hardening Soil	Hardening Soil
Drainage type		Undrained B	Undrained B	Undrained B	Drained
Colour					
Comments					
γ_unsat	kN/m³	18,50	18,50	18,50	18,50
γ_sat	kN/m³	19,00	19,00	19,00	19,00
e_init		0,5000	0,5000	0,5000	0,5000
n_init		0,3333	0,3333	0,3333	0,3333
Input method		Direct	Direct	Direct	Direct
Rayleigh α		0,000	0,000	0,000	0,000
Rayleigh β		0,000	0,000	0,000	0,000
Identification number		1	2	4	5
Identification		STRATO B	STRATO C	STRATO A	STRATO A'
Soil model		Hardening Soil	Hardening Soil	Hardening Soil	Hardening Soil
Drainage type		Undrained B	Undrained B	Undrained B	Drained
Colour					
Comments					
E_50^ref	kN/m²	30,00E3	45,00E3	5000	5000
E_oed^ref	kN/m²	30,00E3	45,00E3	7500	5000
E_ur^ref	kN/m²	90,00E3	135,0E3	22,50E3	15,00E3
ν_ur		0,2000	0,2000	0,2000	0,2000
Use defaults		True	True	True	True

Identification number		1	2	4	5
K_0^nc		1,000	1,000	1,000	0,7412
R_f		0,9000	0,9000	0,9000	0,9000
Determination		ν-undrained definition	ν-undrained definition	ν-undrained definition	ν-undrained definition
ν_u definition method		Direct	Direct	Direct	Direct
ν_u,equivalent (nu)		0,4950	0,4950	0,4950	0,4950
Skempton B		0,9866	0,9866	0,9866	0,9866
K_w,ref/n	kN/m²	3,687E6	5,531E6	921,9E3	614,6E3
Identification number		1	2	4	5
Identification		STRATO B	STRATO C	STRATO A	STRATO A'
Soil model		Hardening Soil	Hardening Soil	Hardening Soil	Hardening Soil
Drainage type		Undrained B	Undrained B	Undrained B	Drained
Colour					
Comments					
Classification type		Standard	Standard	Standard	Standard
Soil class (Standard)		Coarse	Coarse	Coarse	Coarse
< 2 µm	%	10,00	10,00	10,00	10,00
2 µm - 50 µm	%	13,00	13,00	13,00	13,00
50 µm - 2 mm	%	77,00	77,00	77,00	77,00
Identification number		1	2	4	5
Identification		STRATO B	STRATO C	STRATO A	STRATO A'
Soil model		Hardening Soil	Hardening Soil	Hardening Soil	Hardening Soil
Drainage type		Undrained B	Undrained B	Undrained B	Drained
Colour					
Comments					
c_s	kJ/t/K	0,000	0,000	0,000	0,000
λ_s	kW/m/K	0,000	0,000	0,000	0,000

Identification number		1	2	4	5
ρ_s	t/m³	0,000	0,000	0,000	0,000
Thermal expansion type		Isotropic	Isotropic	Isotropic	Isotropic
α_sv	1/K	0,000	0,000	0,000	0,000
Phase change		False	False	False	False
D_v	m²/day	0,000	0,000	0,000	0,000
f_Tv		0,000	0,000	0,000	0,000
Identification number		1	2	4	5
Identification		STRATO B	STRATO C	STRATO A	STRATO A'
Soil model		Hardening Soil	Hardening Soil	Hardening Soil	Hardening Soil
Drainage type		Undrained B	Undrained B	Undrained B	Drained
Colour					
Comments					
Stiffness determination		Derived	Derived	Derived	Derived
Strength determination		Manual	Manual	Manual	Manual
R_inter		0,6600	0,6600	0,6600	0,6600
Consider gap closure		True	True	True	True
δ_inter	m	0,000	0,000	0,000	0,000
Cross permeability		Impermeable	Impermeable	Impermeable	Impermeable
Drainage conductivity, dk	m³/day/m	0,000	0,000	0,000	0,000
R_thermal	m² K/kW	0,000	0,000	0,000	0,000
Identification number		1	2	4	5
Identification		STRATO B	STRATO C	STRATO A	STRATO A'
Soil model		Hardening Soil	Hardening Soil	Hardening Soil	Hardening Soil
Drainage type		Undrained B	Undrained B	Undrained B	Drained
Colour					
Comments					

Identification number		1	2	4	5
K_0 determination		Automatic	Automatic	Automatic	Automatic
K_0,x		1,000	1,000	1,000	0,7412
K_0,z		1,000	1,000	1,000	0,7412
POP	kN/m²	0,000	0,000	0,000	0,000
OCR		1,000	1,000	1,000	1,000

1.1.1.1.2 Materials - Soil and interfaces - Mohr-Coulomb

Identification number		3	6
Identification		RIPORTO	calcestruzzo
Soil model		Mohr-Coulomb	Mohr-Coulomb
Drainage type		Drained	Drained
Colour			
Comments			
γ_unsat	kN/m³	19,00	0,000
γ_sat	kN/m³	19,00	0,000
e_init		0,5000	0,5000
n_init		0,3333	0,3333
Input method		Direct	Direct
Rayleigh α		0,000	0,000
Rayleigh β		0,000	0,000
Identification number		3	6
Identification		RIPORTO	calcestruzzo
Soil model		Mohr-Coulomb	Mohr-Coulomb
Drainage type		Drained	Drained
Colour			
Comments			
E'_ref	kN/m²	50,00E3	1,000E6
ν (nu)		0,3000	0,2000
Determination		ν-undrained definition	ν-undrained definition
ν_u definition method		Direct	Direct
ν_u,equivalent (nu)		0,4950	0,4950

Identification number		3	6
Skempton B		0,9783	0,9866
K_w,ref/n	kN/m²	1,875E6	40,97E6
Identification number		3	6
Identification		RIPORTO	calcestruzzo
Soil model		Mohr-Coulomb	Mohr-Coulomb
Drainage type		Drained	Drained
Colour			
Comments			
Classification type		Standard	Standard
Soil class (Standard)		Coarse	Coarse
< 2 µm	%	10,00	10,00
2 µm - 50 µm	%	13,00	13,00
50 µm - 2 mm	%	77,00	77,00
Identification number		3	6
Identification		RIPORTO	calcestruzzo
Soil model		Mohr-Coulomb	Mohr-Coulomb
Drainage type		Drained	Drained
Colour			
Comments			
c_s	kJ/t/K	0,000	0,000
λ_s	kW/m/K	0,000	0,000
ρ_s	t/m³	0,000	0,000
Thermal expansion type		Isotropic	Isotropic
α_sv	1/K	0,000	0,000
Phase change		False	False
D_v	m²/day	0,000	0,000

Identification number		3	6
f_Tv		0,000	0,000
Identification number		3	6
Identification		RIPORTO	calcestruzzo
Soil model		Mohr-Coulomb	Mohr-Coulomb
Drainage type		Drained	Drained
Colour			
Comments			
Stiffness determination		Derived	Derived
Strength determination		Manual	Manual
R_inter		0,6600	0,6600
Consider gap closure		True	True
Cross permeability		Impermeable	Impermeable
Drainage conductivity, dk	m^3/day/m	0,000	0,000
R_thermal	m^2 K/kW	0,000	0,000
Identification number		3	6
Identification		RIPORTO	calcestruzzo
Soil model		Mohr-Coulomb	Mohr-Coulomb
Drainage type		Drained	Drained
Colour			
Comments			
K_0 determination		Automatic	Automatic
K_0,x		0,3843	0,3843
K_0,z		0,3843	0,3843

1.1.1.2 Materials - Plates

Identification number		1	2	3
Identification		Paratia 800	PLINTO	MURO ELEVAZIONE
Material type		Elastic	Elastic	Elastic
Colour				
Comments				
w	kN/m/m	2,740	50,00	0,000
Input method		Direct	Direct	Direct
Rayleigh α		0,000	0,000	0,000
Rayleigh β		0,000	0,000	0,000
Prevent punching		False	False	False
Identification number		1	2	3
Identification		Paratia 800	PLINTO	MURO ELEVAZIONE
Material type		Elastic	Elastic	Elastic
Colour				
Comments				
Isotropic		True	True	True
Identification number		1	2	3
Identification		Paratia 800	PLINTO	MURO ELEVAZIONE
Material type		Elastic	Elastic	Elastic
Colour				
Comments				
c	kJ/t/K	0,000	0,000	0,000
λ	kW/m/K	0,000	0,000	0,000
ρ	t/m³	0,000	0,000	0,000
α	1/K	0,000	0,000	0,000

Identification number		1	2	3
A_eff,T	m²	0,000	0,000	0,000

1.1.1.3 Materials - Geogrids

Identification number		1
Identification		Tirante
Material type		Elastic
Colour		
Comments		i=3.3 m
Identification number		1
Identification		Tirante
Material type		Elastic
Colour		
Comments		i=3.3 m
Isotropic		False
Identification number		1
Identification		Tirante
Material type		Elastic
Colour		
Comments		i=3.3 m
c	kJ/t/K	0,000
λ	kW/m/K	0,000
ρ	t/m³	0,000
α	1/K	0,000
A_eff,T	m²	0,000

1.1.1.4 Materials - Anchors

Identification number		1
Identification		tiranti
Material type		Elastic
Colour		
Comments		tubolari 139-8.8
Identification number		1
Identification		tiranti
Material type		Elastic
Colour		
Comments		tubolari 139-8.8
L_spacing	m	2,200
Identification number		1
Identification		tiranti
Material type		Elastic
Colour		
Comments		tubolari 139-8.8
c	kJ/t/K	0,000
λ	kW/m/K	0,000
ρ	t/m³	0,000
α	1/K	0,000
A_eff,T	m²	0,000

1.1.1.5 Materials - Embedded beams

Identification number		1
Identification		palo 1500
Material type		Elastic
Colour		
Comments		
γ	kN/m³	10,00
Input method		Direct
Rayleigh α		0,000
Rayleigh β		0,000
Identification number		1
Identification		palo 1500
Material type		Elastic
Colour		
Comments		
L_spacing	m	3,900
Cross section type		Predefined
Predefined cross section type		Solid circular beam
Diameter	m	1,500
A	m²	1,767
I	m⁴	0,2485
Axial skin resistance		Linear
T_skin, start, max	kN/m	210,0
T_skin, end, max	kN/m	210,0
Lateral resistance		Unlimited
F_max	kN	2078

Identification number	1
Default values	True
Axial stiffness factor	1,221
Lateral stiffness factor	1,221
Base stiffness factor	12,21

3.1.1.1.2 Calculation results, Plate, paratia [Phase_1] (1/8), Table of plate force envelopes

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [10^{-3} kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [10^{-3} kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_1	41	1	0,000	-0,520	0,001	0,000	0,001	-20,352	-0,020	0,000	0,000	0,000	0,000
Element 1-1 (Plate)	40	2	0,000	-0,640	-0,253	-0,253	0,000	-69,433	-0,069	0,000	-5,728	-0,006	0,000
(Paratia 800)	39	3	0,000	-0,760	-0,508	-0,508	0,000	-89,574	-0,090	0,000	-15,472	-0,015	0,000
	38	4	0,000	-0,880	-0,763	-0,763	0,000	-85,956	-0,086	0,000	-26,281	-0,026	0,000
	198	5	0,000	-1,000	-1,020	-1,020	0,000	-63,765	-0,064	0,000	-35,394	-0,035	0,000
Plate_1_2	198	1	0,000	-1,000	-1,020	-1,020	0,000	-72,490	-0,072	0,000	-35,394	-0,035	0,000
Element 3-4 (Plate)	199	2	0,000	-1,250	-1,556	-1,556	0,000	-25,013	-0,025	0,000	-47,477	-0,047	0,000
(Paratia 800)	200	3	0,000	-1,500	-2,094	-2,094	0,000	15,848	0,000	0,016	-48,425	-0,048	0,000
	201	4	0,000	-1,750	-2,634	-2,634	0,000	48,489	0,000	0,048	-40,236	-0,040	0,000
	212	5	0,000	-2,000	-3,176	-3,176	0,000	71,308	0,000	0,071	-25,025	-0,025	0,000
Plate_1_3	212	1	0,000	-2,000	-3,176	-3,176	0,000	70,629	0,000	0,071	-25,025	-0,025	0,000
Element 4-5 (Plate)	213	2	0,000	-2,125	-3,447	-3,447	0,000	77,182	0,000	0,077	-15,758	-0,016	0,000
(Paratia 800)	214	3	0,000	-2,250	-3,719	-3,719	0,000	80,795	0,000	0,081	-5,852	-0,006	0,002
	215	4	0,000	-2,375	-3,991	-3,991	0,000	81,502	0,000	0,082	4,324	0,000	0,007
	276	5	0,000	-2,500	-4,263	-4,263	0,000	79,340	0,000	0,079	14,404	0,000	0,017
Plate_1_4	276	1	0,000	-2,500	-4,263	-4,263	0,000	80,050	0,000	0,080	14,404	0,000	0,017
Element 6-7 (Plate)	277	2	0,000	-2,750	-4,809	-4,809	0,000	66,162	0,000	0,066	32,882	0,000	0,033
(Paratia 800)	278	3	0,000	-3,000	-5,355	-5,355	0,000	43,356	0,000	0,043	46,728	0,000	0,047
	279	4	0,000	-3,250	-5,902	-5,902	0,000	12,509	0,000	0,014	53,895	0,000	0,054
	306	5	0,000	-3,500	-6,450	-6,450	0,000	-25,501	-0,026	0,000	52,400	0,000	0,053
Plate_1_5	306	1	0,000	-3,500	-6,451	-6,451	0,000	-25,125	-0,025	0,000	52,400	0,000	0,053
Element 7-8 (Plate)	307	2	0,000	-3,673	-6,829	-6,829	0,000	-54,142	-0,054	0,000	45,596	0,000	0,047
(Paratia 800)	308	3	0,000	-3,845	-7,208	-7,208	0,000	-85,046	-0,085	0,000	33,609	0,000	0,037
	309	4	0,000	-4,018	-7,588	-7,588	0,000	-117,642	-0,118	0,000	16,151	0,000	0,022
	332	5	0,000	-4,190	-7,968	-7,968	0,000	-151,735	-0,152	0,000	-7,060	-0,007	0,011
Plate_1_6	332	1	0,000	-4,190	-7,968	-7,968	0,000	-151,657	-0,152	0,000	-7,060	-0,007	0,011

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [10^{-3} kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [10^{-3} kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Element 9-10 (Plate)	333	2	0,000	-4,268	-8,138	-8,138	0,000	-167,263	-0,167	0,000	-19,414	-0,019	0,006
(Paratia 800)	334	3	0,000	-4,345	-8,310	-8,310	0,000	-183,060	-0,183	0,000	-32,991	-0,033	0,000
	335	4	0,000	-4,423	-8,481	-8,481	0,000	-199,037	-0,199	0,000	-47,799	-0,048	0,000
	356	5	0,000	-4,500	-8,652	-8,652	0,000	-215,183	-0,215	0,000	-63,845	-0,064	0,000
Plate_1_7	356	1	0,000	-4,500	-8,652	-8,652	0,000	-215,081	-0,215	0,000	-63,845	-0,064	0,000
Element 10-11 (Plate)	357	2	0,000	-4,607	-8,888	-8,888	0,000	-237,801	-0,238	0,000	-88,041	-0,088	0,000
(Paratia 800)	358	3	0,000	-4,714	-9,125	-9,125	0,000	-260,444	-0,260	0,000	-114,676	-0,115	0,000
	359	4	0,000	-4,821	-9,362	-9,362	0,000	-282,922	-0,283	0,000	-143,720	-0,144	0,000
	370	5	0,000	-4,928	-9,600	-9,600	0,000	-305,147	-0,305	0,000	-175,142	-0,175	0,000
Plate_1_7	370	1	0,000	-4,928	-9,600	-9,600	0,000	-305,020	-0,305	0,000	-175,142	-0,175	0,000
Element 10-12 (Plate)	371	2	0,000	-5,009	-9,781	-9,781	0,000	-321,214	-0,321	0,000	-200,553	-0,201	0,000
(Paratia 800)	372	3	0,000	-5,090	-9,962	-9,962	0,000	-337,001	-0,337	0,000	-227,275	-0,227	0,000
	373	4	0,000	-5,171	-10,143	-10,143	0,000	-352,400	-0,352	0,000	-255,263	-0,255	0,000
	393	5	0,000	-5,252	-10,325	-10,325	0,000	-367,429	-0,367	0,000	-284,472	-0,284	0,000
Plate_1_7	393	1	0,000	-5,252	-10,325	-10,325	0,000	-366,804	-0,367	0,000	-284,472	-0,284	0,000
Element 10-13 (Plate)	390	2	0,000	-5,314	-10,463	-10,463	0,000	-378,265	-0,378	0,000	-307,433	-0,307	0,000
(Paratia 800)	391	3	0,000	-5,375	-10,601	-10,601	0,000	-389,305	-0,389	0,000	-331,097	-0,331	0,000
	392	4	0,000	-5,437	-10,740	-10,740	0,000	-400,107	-0,400	0,000	-355,434	-0,355	0,000
	419	5	0,000	-5,499	-10,879	-10,879	0,000	-410,851	-0,411	0,000	-380,422	-0,380	0,000
Plate_1_8	419	1	0,000	-5,499	-10,857	-10,857	0,000	-407,311	-0,407	0,000	-380,422	-0,380	0,000
Element 12-15 (Plate)	416	2	0,000	-5,499	-10,857	-10,857	0,000	-407,219	-0,407	0,000	-380,550	-0,381	0,000
(Paratia 800)	417	3	0,000	-5,499	-10,856	-10,856	0,000	-407,153	-0,407	0,000	-380,677	-0,381	0,000
	418	4	0,000	-5,500	-10,856	-10,856	0,000	-407,125	-0,407	0,000	-380,804	-0,381	0,000
	452	5	0,000	-5,500	-10,856	-10,856	0,000	-407,149	-0,407	0,000	-380,931	-0,381	0,000
Plate_1_9	452	1	0,000	-5,500	-10,856	-10,856	0,000	-413,588	-0,414	0,000	-380,931	-0,381	0,000
Element 18-24 (Plate)	453	2	0,000	-5,566	-10,849	-10,849	0,000	-399,878	-0,400	0,000	-407,939	-0,408	0,000
(Paratia 800)	454	3	0,000	-5,633	-10,842	-10,842	0,000	-378,565	-0,379	0,000	-433,777	-0,434	0,000
	455	4	0,000	-5,699	-10,838	-10,838	0,000	-350,976	-0,351	0,000	-458,005	-0,458	0,000
	710	5	0,000	-5,765	-10,834	-10,834	0,000	-318,439	-0,318	0,000	-480,209	-0,480	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [10^{-3} kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [10^{-3} kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_9	710	1	0,000	-5,765	-10,834	-10,834	0,000	-319,650	-0,320	0,000	-480,209	-0,480	0,000
Element 18-25 (Plate)	711	2	0,000	-5,847	-10,831	-10,831	0,000	-278,692	-0,279	0,000	-504,721	-0,505	0,000
(Paratia 800)	712	3	0,000	-5,929	-10,829	-10,829	0,000	-237,725	-0,238	0,000	-525,882	-0,526	0,000
	713	4	0,000	-6,011	-10,829	-10,829	0,000	-196,980	-0,197	0,000	-543,698	-0,544	0,000
	1118	5	0,000	-6,093	-10,830	-10,830	0,000	-156,685	-0,157	0,000	-558,180	-0,558	0,000
Plate_1_9	1118	1	0,000	-6,093	-10,830	-10,830	0,000	-157,024	-0,157	0,000	-558,180	-0,558	0,000
Element 18-26 (Plate)	1119	2	0,000	-6,194	-10,832	-10,832	0,000	-108,754	-0,109	0,000	-571,619	-0,572	0,000
(Paratia 800)	1120	3	0,000	-6,296	-10,836	-10,836	0,000	-62,923	-0,063	0,000	-580,293	-0,580	0,000
	1121	4	0,000	-6,397	-10,842	-10,842	0,000	-19,613	-0,020	0,000	-584,455	-0,584	0,000
	1552	5	0,000	-6,498	-10,849	-10,849	0,000	21,095	0,000	0,022	-584,357	-0,584	0,000
Plate_1_9	1552	1	0,000	-6,498	-10,849	-10,849	0,000	20,747	0,000	0,021	-584,357	-0,584	0,000
Element 18-27 (Plate)	1553	2	0,000	-6,623	-10,859	-10,859	0,000	66,994	0,000	0,067	-578,814	-0,579	0,000
(Paratia 800)	1554	3	0,000	-6,749	-10,871	-10,871	0,000	108,189	0,000	0,108	-567,788	-0,568	0,000
	1555	4	0,000	-6,874	-10,884	-10,884	0,000	144,227	0,000	0,144	-551,929	-0,552	0,000
	1898	5	0,000	-6,999	-10,899	-10,899	0,000	175,000	0,000	0,175	-531,892	-0,532	0,000
Plate_1_9	1898	1	0,000	-6,999	-10,899	-10,899	0,000	175,144	0,000	0,175	-531,892	-0,532	0,000
Element 18-28 (Plate)	1899	2	0,000	-7,154	-10,919	-10,919	0,000	204,543	0,000	0,205	-502,399	-0,502	0,000
(Paratia 800)	1900	3	0,000	-7,309	-10,942	-10,942	0,000	225,485	0,000	0,225	-469,014	-0,469	0,000
	1901	4	0,000	-7,463	-10,966	-10,966	0,000	238,517	0,000	0,239	-432,991	-0,433	0,000
	2170	5	0,000	-7,618	-10,992	-10,992	0,000	244,188	0,000	0,244	-395,556	-0,396	0,000
Plate_1_9	2170	1	0,000	-7,618	-10,992	-10,992	0,000	244,943	0,000	0,245	-395,556	-0,396	0,000
Element 18-29 (Plate)	2171	2	0,000	-7,809	-11,026	-11,026	0,000	245,361	0,000	0,245	-348,533	-0,349	0,000
(Paratia 800)	2172	3	0,000	-8,001	-11,062	-11,062	0,000	238,227	0,000	0,238	-302,158	-0,302	0,000
	2173	4	0,000	-8,192	-11,100	-11,100	0,000	224,130	0,000	0,224	-257,799	-0,258	0,000
	2194	5	0,000	-8,383	-11,140	-11,140	0,000	203,656	0,000	0,204	-216,794	-0,217	0,000
Plate_1_9	2194	1	0,000	-8,383	-11,140	-11,140	0,000	204,718	0,000	0,205	-216,794	-0,217	0,000
Element 18-30 (Plate)	2195	2	0,000	-8,620	-11,192	-11,192	0,000	174,135	0,000	0,174	-171,923	-0,172	0,000
(Paratia 800)	2196	3	0,000	-8,856	-11,245	-11,245	0,000	139,861	0,000	0,140	-134,730	-0,135	0,000
	2197	4	0,000	-9,093	-11,301	-11,301	0,000	102,359	0,000	0,102	-106,008	-0,106	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [10^{-3} kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [10^{-3} kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	2342	5	0,000	-9,329	-11,358	-11,358	0,000	62,094	0,000	0,062	-86,523	-0,087	0,000
Plate_1_9	2342	1	0,000	-9,329	-11,359	-11,359	0,000	61,326	0,000	0,061	-86,523	-0,087	0,000
Element 18-31 (Plate)	2343	2	0,000	-9,622	-11,432	-11,432	0,000	8,129	-0,016	0,008	-76,317	-0,078	0,000
(Paratia 800)	2344	3	0,000	-9,914	-11,508	-11,508	0,000	-49,163	-0,062	0,000	-82,144	-0,089	0,000
	2345	4	0,000	-10,206	-11,589	-11,589	0,000	-112,367	-0,112	0,000	-105,644	-0,115	0,000
	2384	5	0,000	-10,499	-11,675	-11,675	0,000	-183,303	-0,183	0,000	-148,620	-0,155	0,000
Plate_1_10	2384	1	0,000	-10,499	-11,674	-11,674	0,000	-199,348	-0,199	0,000	-148,620	-0,155	0,000
Element 19-32 (Plate)	2385	2	0,000	-10,792	-11,422	-11,422	0,000	-169,681	-0,170	0,000	-203,008	-0,203	0,000
(Paratia 800)	2386	3	0,000	-11,085	-11,176	-11,176	0,000	-133,773	-0,134	0,000	-247,438	-0,247	0,000
	2387	4	0,000	-11,379	-10,935	-10,935	0,000	-97,001	-0,097	0,000	-281,403	-0,281	0,000
	2970	5	0,000	-11,672	-10,699	-10,699	0,000	-64,740	-0,065	0,000	-304,867	-0,305	0,000
Plate_1_10	2970	1	0,000	-11,672	-10,697	-10,697	0,000	-66,710	-0,067	0,000	-304,867	-0,305	0,000
Element 19-33 (Plate)	2971	2	0,000	-11,970	-10,458	-10,458	0,000	-37,993	-0,038	0,001	-320,382	-0,320	0,000
(Paratia 800)	2972	3	0,000	-12,269	-10,219	-10,219	0,000	-13,429	-0,013	0,015	-327,971	-0,328	0,000
	2973	4	0,000	-12,568	-9,980	-9,980	0,000	7,363	0,000	0,028	-328,778	-0,329	0,000
	3073	5	0,000	-12,866	-9,742	-9,742	0,000	24,763	0,000	0,043	-323,908	-0,324	0,000
Plate_1_10	3073	1	0,000	-12,866	-9,742	-9,742	0,000	25,267	0,000	0,043	-323,908	-0,324	0,000
Element 19-34 (Plate)	3070	2	0,000	-13,170	-9,498	-9,498	0,000	43,703	0,000	0,057	-313,388	-0,313	0,000
(Paratia 800)	3071	3	0,000	-13,474	-9,252	-9,252	0,000	59,701	0,000	0,068	-297,569	-0,298	0,000
	3072	4	0,000	-13,778	-9,003	-9,003	0,000	72,413	0,000	0,076	-277,417	-0,277	0,000
	3722	5	0,000	-14,082	-8,753	-8,753	0,000	80,990	0,000	0,081	-253,979	-0,254	0,000
Plate_1_10	3722	1	0,000	-14,082	-8,752	-8,752	0,000	81,276	0,000	0,081	-253,979	-0,254	0,000
Element 19-35 (Plate)	3723	2	0,000	-14,392	-8,494	-8,494	0,000	83,727	0,000	0,084	-228,434	-0,228	0,000
(Paratia 800)	3724	3	0,000	-14,701	-8,230	-8,230	0,000	86,174	0,000	0,086	-202,167	-0,202	0,000
	3725	4	0,000	-15,010	-7,959	-7,959	0,000	89,303	0,000	0,089	-175,012	-0,175	0,000
	4320	5	0,000	-15,320	-7,683	-7,683	0,000	93,798	0,000	0,094	-146,738	-0,147	0,000
Plate_1_10	4320	1	0,000	-15,320	-7,682	-7,682	0,000	93,274	0,000	0,093	-146,738	-0,147	0,000
Element 19-36 (Plate)	4321	2	0,000	-15,635	-7,392	-7,392	0,000	101,217	0,000	0,101	-116,136	-0,116	0,000
(Paratia 800)	4322	3	0,000	-15,950	-7,090	-7,090	0,000	109,385	0,000	0,109	-82,912	-0,083	0,007

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [10^{-3} kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [10^{-3} kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	4323	4	0,000	-16,265	-6,777	-6,777	0,000	116,818	0,000	0,117	-47,265	-0,047	0,023
	5026	5	0,000	-16,580	-6,452	-6,452	0,000	122,559	0,000	0,123	-9,491	-0,009	0,039
Plate_1_10	5026	1	0,000	-16,580	-6,450	-6,450	0,000	122,139	0,000	0,122	-9,491	-0,009	0,039
Element 19-37 (Plate)	5027	2	0,000	-16,901	-6,105	-6,105	0,000	113,617	0,000	0,114	28,501	0,000	0,061
(Paratia 800)	5028	3	0,000	-17,222	-5,739	-5,739	0,000	98,855	0,000	0,099	62,724	0,000	0,088
	5029	4	0,000	-17,543	-5,353	-5,353	0,000	78,524	0,000	0,079	91,345	0,000	0,110
	5832	5	0,000	-17,864	-4,946	-4,946	0,000	53,294	0,000	0,053	112,595	0,000	0,125
Plate_1_10	5832	1	0,000	-17,864	-4,942	-4,942	0,000	54,320	0,000	0,054	112,595	0,000	0,125
Element 19-38 (Plate)	5833	2	0,000	-18,190	-4,501	-4,501	0,000	25,484	-0,006	0,025	125,770	0,000	0,132
(Paratia 800)	5834	3	0,000	-18,517	-4,024	-4,024	0,000	-5,910	-0,018	0,000	128,908	0,000	0,130
	5835	4	0,000	-18,843	-3,509	-3,509	0,000	-37,159	-0,045	0,000	121,925	0,000	0,122
	6376	5	0,000	-19,170	-2,955	-2,955	0,000	-65,561	-0,069	0,000	105,000	0,000	0,105
Plate_1_10	6376	1	0,000	-19,170	-2,944	-2,944	0,000	-68,304	-0,068	0,000	105,000	0,000	0,105
Element 19-39 (Plate)	6377	2	0,000	-19,502	-2,336	-2,336	0,000	-84,040	-0,084	0,000	80,183	0,000	0,080
(Paratia 800)	6378	3	0,000	-19,835	-1,650	-1,650	0,000	-95,879	-0,096	0,000	49,132	0,000	0,049
	6379	4	0,000	-20,167	-0,878	-0,878	0,000	-82,310	-0,082	0,000	19,220	0,000	0,019
	6380	5	0,000	-20,500	-0,016	-0,016	0,000	-21,822	-0,022	0,008	0,000	0,000	0,000

3.1.1.1.3 Calculation results, Plate, scavo [Phase_2] (2/12), Table of plate force envelopes

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_1	41	1	0,000	-0,520	0,014	0,000	0,014	-0,378	-0,378	0,060	0,000	0,000	0,000
Element 1-1 (Plate)	40	2	0,000	-0,640	-1,135	-1,135	0,000	3,588	-0,069	3,887	0,203	-0,006	0,223
(Paratia 800)	39	3	0,000	-0,760	-2,282	-2,282	0,000	6,518	-0,090	7,027	0,820	-0,015	0,889
	38	4	0,000	-0,880	-3,425	-3,425	0,000	8,451	-0,086	9,078	1,728	-0,026	1,866
	198	5	0,000	-1,000	-4,565	-4,565	0,000	9,426	-0,064	10,052	2,810	-0,035	3,024
Plate_1_2	198	1	0,000	-1,000	-4,570	-4,570	0,000	9,644	-0,072	10,291	2,810	-0,035	3,024
Element 3-4 (Plate)	199	2	0,000	-1,250	-6,952	-6,952	0,000	10,828	-0,025	11,295	5,388	-0,047	5,741
(Paratia 800)	200	3	0,000	-1,500	-9,365	-9,365	0,000	11,060	0,000	11,394	8,144	-0,048	8,596
	201	4	0,000	-1,750	-11,807	-11,807	0,000	10,343	0,000	10,595	10,840	-0,040	11,365
	212	5	0,000	-2,000	-14,280	-14,280	0,000	8,682	0,000	8,906	13,237	-0,025	13,820
Plate_1_3	212	1	0,000	-2,000	-14,283	-14,283	0,000	8,681	0,000	8,902	13,237	-0,025	13,820
Element 4-5 (Plate)	213	2	0,000	-2,125	-15,535	-15,535	0,000	7,483	0,000	7,707	14,250	-0,016	14,860
(Paratia 800)	214	3	0,000	-2,250	-16,796	-16,796	0,000	6,053	0,000	6,286	15,098	-0,006	15,737
	215	4	0,000	-2,375	-18,067	-18,067	0,000	4,392	0,000	4,644	15,754	0,000	16,423
	276	5	0,000	-2,500	-19,346	-19,346	0,000	2,504	0,000	2,781	16,187	0,000	16,889
Plate_1_4	276	1	0,000	-2,500	-19,348	-19,348	0,000	2,507	0,000	2,783	16,187	0,000	16,889
Element 6-7 (Plate)	277	2	0,000	-2,750	-21,936	-21,936	0,000	-1,935	-1,935	1,153	16,277	0,000	17,057
(Paratia 800)	278	3	0,000	-3,000	-24,569	-24,569	0,000	-7,265	-7,265	0,043	15,145	0,000	16,023
	279	4	0,000	-3,250	-27,248	-27,248	0,000	-13,483	-13,483	0,014	12,570	0,000	13,574
	306	5	0,000	-3,500	-29,969	-29,969	0,000	-20,589	-20,589	0,000	8,330	0,000	9,495
Plate_1_5	306	1	0,000	-3,500	-29,971	-29,971	0,000	-20,589	-20,589	0,000	8,330	0,000	9,495
Element 7-8 (Plate)	307	2	0,000	-3,673	-31,877	-31,877	0,000	-26,009	-26,009	0,000	4,318	0,000	5,754
(Paratia 800)	308	3	0,000	-3,845	-33,806	-33,806	0,000	-31,852	-31,852	0,000	-0,668	-0,668	4,228
	309	4	0,000	-4,018	-35,756	-35,756	0,000	-38,115	-38,115	0,000	-6,698	-6,698	2,306
	332	5	0,000	-4,190	-37,726	-37,726	0,000	-44,794	-44,794	0,000	-13,841	-13,841	0,011
Plate_1_6	332	1	0,000	-4,190	-37,726	-37,726	0,000	-44,794	-44,794	0,000	-13,841	-13,841	0,011

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Element 9-10 (Plate)	333	2	0,000	-4,268	-38,618	-38,618	0,000	-47,929	-47,929	0,000	-17,433	-17,433	0,006
(Paratia 800)	334	3	0,000	-4,345	-39,513	-39,513	0,000	-51,149	-51,149	0,000	-21,272	-21,272	0,000
	335	4	0,000	-4,423	-40,412	-40,412	0,000	-54,450	-54,450	0,000	-25,365	-25,365	0,000
	356	5	0,000	-4,500	-41,314	-41,314	0,000	-57,832	-57,832	0,000	-29,714	-29,714	0,000
Plate_1_7	356	1	0,000	-4,500	-41,309	-41,309	0,000	-57,650	-57,650	0,000	-29,714	-29,714	0,000
Element 10-11 (Plate)	357	2	0,000	-4,607	-41,225	-41,225	0,000	-57,436	-57,436	0,000	-35,859	-35,859	0,000
(Paratia 800)	358	3	0,000	-4,714	-41,165	-41,165	0,000	-57,600	-57,600	0,000	-42,005	-42,005	0,000
	359	4	0,000	-4,821	-41,129	-41,129	0,000	-58,087	-58,087	0,000	-48,186	-48,186	0,000
	370	5	0,000	-4,928	-41,114	-41,114	0,000	-58,843	-58,843	0,000	-54,431	-54,431	0,000
Plate_1_7	370	1	0,000	-4,928	-41,112	-41,112	0,000	-58,760	-58,760	0,000	-54,431	-54,431	0,000
Element 10-12 (Plate)	371	2	0,000	-5,009	-41,108	-41,108	0,000	-59,344	-59,344	0,000	-59,222	-59,222	0,000
(Paratia 800)	372	3	0,000	-5,090	-41,110	-41,110	0,000	-59,982	-59,982	0,000	-64,066	-64,066	0,000
	373	4	0,000	-5,171	-41,120	-41,120	0,000	-60,668	-60,668	0,000	-68,963	-68,963	0,000
	393	5	0,000	-5,252	-41,135	-41,135	0,000	-61,400	-61,400	0,000	-73,916	-73,916	0,000
Plate_1_7	393	1	0,000	-5,252	-41,135	-41,135	0,000	-61,355	-61,355	0,000	-73,916	-73,916	0,000
Element 10-13 (Plate)	390	2	0,000	-5,314	-41,150	-41,150	0,000	-61,932	-61,932	0,000	-77,715	-77,715	0,000
(Paratia 800)	391	3	0,000	-5,375	-41,167	-41,167	0,000	-62,380	-62,380	0,000	-81,548	-81,548	0,000
	392	4	0,000	-5,437	-41,187	-41,187	0,000	-62,666	-62,666	0,000	-85,404	-85,404	0,000
	419	5	0,000	-5,499	-41,208	-41,208	0,000	-62,755	-62,755	0,000	-89,270	-89,270	0,000
Plate_1_8	419	1	0,000	-5,499	-41,098	-41,098	0,000	-61,942	-61,942	0,000	-89,270	-89,270	0,000
Element 12-15 (Plate)	416	2	0,000	-5,499	-41,094	-41,094	0,000	-61,912	-61,912	0,000	-89,289	-89,289	0,000
(Paratia 800)	417	3	0,000	-5,499	-41,091	-41,091	0,000	-61,883	-61,883	0,000	-89,309	-89,309	0,000
	418	4	0,000	-5,500	-41,087	-41,087	0,000	-61,852	-61,852	0,000	-89,328	-89,328	0,000
	452	5	0,000	-5,500	-41,084	-41,084	0,000	-61,822	-61,822	0,000	-89,347	-89,347	0,000
Plate_1_9	452	1	0,000	-5,500	-41,083	-41,083	0,000	-62,082	-62,082	0,000	-89,347	-89,347	0,000
Element 18-24 (Plate)	453	2	0,000	-5,566	-40,343	-40,343	0,000	-55,058	-55,058	0,000	-93,225	-93,225	0,000
(Paratia 800)	454	3	0,000	-5,633	-39,610	-39,610	0,000	-48,681	-48,681	0,000	-96,662	-96,662	0,000
	455	4	0,000	-5,699	-38,886	-38,886	0,000	-42,903	-42,903	0,000	-99,695	-99,695	0,000
	710	5	0,000	-5,765	-38,170	-38,170	0,000	-37,673	-37,673	0,000	-102,362	-102,362	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_9	710	1	0,000	-5,765	-38,170	-38,170	0,000	-37,600	-37,600	0,000	-102,362	-102,362	0,000
Element 18-25 (Plate)	711	2	0,000	-5,847	-37,295	-37,295	0,000	-31,607	-31,607	0,000	-105,194	-105,194	0,000
(Paratia 800)	712	3	0,000	-5,929	-36,431	-36,431	0,000	-26,043	-26,043	0,000	-107,554	-107,554	0,000
	713	4	0,000	-6,011	-35,580	-35,580	0,000	-20,893	-20,893	0,000	-109,475	-109,475	0,000
	1118	5	0,000	-6,093	-34,741	-34,741	0,000	-16,142	-16,142	0,000	-110,989	-110,989	0,000
Plate_1_9	1118	1	0,000	-6,093	-34,741	-34,741	0,000	-16,118	-16,118	0,000	-110,989	-110,989	0,000
Element 18-26 (Plate)	1119	2	0,000	-6,194	-33,720	-33,720	0,000	-10,701	-10,701	0,000	-112,344	-112,344	0,000
(Paratia 800)	1120	3	0,000	-6,296	-32,718	-32,718	0,000	-5,722	-5,722	0,000	-113,172	-113,172	0,000
	1121	4	0,000	-6,397	-31,733	-31,733	0,000	-1,176	-1,176	2,389	-113,518	-113,518	0,000
	1552	5	0,000	-6,498	-30,768	-30,768	0,000	2,945	0,000	5,014	-113,425	-113,425	0,000
Plate_1_9	1552	1	0,000	-6,498	-30,767	-30,767	0,000	2,966	0,000	5,037	-113,425	-113,425	0,000
Element 18-27 (Plate)	1553	2	0,000	-6,623	-29,597	-29,597	0,000	7,528	0,000	7,840	-112,762	-112,762	0,000
(Paratia 800)	1554	3	0,000	-6,749	-28,453	-28,453	0,000	11,564	0,000	11,564	-111,561	-111,561	0,000
	1555	4	0,000	-6,874	-27,335	-27,335	0,000	15,083	0,000	15,083	-109,887	-109,887	0,000
	1898	5	0,000	-6,999	-26,243	-26,243	0,000	18,093	0,000	18,093	-107,805	-107,805	0,000
Plate_1_9	1898	1	0,000	-6,999	-26,241	-26,241	0,000	18,122	0,000	18,122	-107,805	-107,805	0,000
Element 18-28 (Plate)	1899	2	0,000	-7,154	-24,925	-24,925	0,000	21,216	0,000	21,216	-104,754	-104,754	0,000
(Paratia 800)	1900	3	0,000	-7,309	-23,643	-23,643	0,000	23,704	0,000	23,704	-101,269	-101,269	0,000
	1901	4	0,000	-7,463	-22,396	-22,396	0,000	25,599	0,000	25,599	-97,445	-97,445	0,000
	2170	5	0,000	-7,618	-21,183	-21,183	0,000	26,918	0,000	26,918	-93,374	-93,374	0,000
Plate_1_9	2170	1	0,000	-7,618	-21,182	-21,182	0,000	26,961	0,000	26,961	-93,374	-93,374	0,000
Element 18-29 (Plate)	2171	2	0,000	-7,809	-19,728	-19,728	0,000	27,914	0,000	27,914	-88,116	-88,116	0,000
(Paratia 800)	2172	3	0,000	-8,001	-18,320	-18,320	0,000	28,258	0,000	28,258	-82,732	-82,732	0,000
	2173	4	0,000	-8,192	-16,959	-16,959	0,000	28,019	0,000	28,019	-77,338	-77,338	0,000
	2194	5	0,000	-8,383	-15,646	-15,646	0,000	27,228	0,000	27,228	-72,046	-72,046	0,000
Plate_1_9	2194	1	0,000	-8,383	-15,644	-15,644	0,000	27,293	0,000	27,293	-72,046	-72,046	0,000
Element 18-30 (Plate)	2195	2	0,000	-8,620	-14,084	-14,084	0,000	25,674	0,000	25,674	-65,774	-65,774	0,000
(Paratia 800)	2196	3	0,000	-8,856	-12,589	-12,589	0,000	23,608	0,000	23,608	-59,938	-59,938	0,000
	2197	4	0,000	-9,093	-11,162	-11,301	0,000	21,156	0,000	21,156	-54,635	-54,635	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	2342	5	0,000	-9,329	-9,802	-11,358	0,000	18,383	0,000	18,383	-49,956	-49,956	0,000
Plate_1_9	2342	1	0,000	-9,329	-9,799	-11,359	0,000	18,537	0,000	18,537	-49,956	-49,956	0,000
Element 18-31 (Plate)	2343	2	0,000	-9,622	-8,207	-11,432	0,000	14,899	-0,016	14,899	-45,072	-45,072	0,000
(Paratia 800)	2344	3	0,000	-9,914	-6,705	-11,508	0,000	11,554	-0,062	11,554	-41,219	-41,219	0,000
	2345	4	0,000	-10,206	-5,294	-11,589	0,000	8,681	-0,112	8,681	-38,269	-38,269	0,000
	2384	5	0,000	-10,499	-3,974	-11,675	0,000	6,459	-0,183	6,459	-36,077	-36,077	0,000
Plate_1_10	2384	1	0,000	-10,499	-3,975	-11,674	0,000	7,146	-0,199	7,146	-36,077	-36,077	0,000
Element 19-32 (Plate)	2385	2	0,000	-10,792	-1,710	-11,422	0,000	9,151	-0,170	9,151	-33,662	-33,662	0,000
(Paratia 800)	2386	3	0,000	-11,085	0,414	-11,176	0,590	10,217	-0,134	10,217	-30,804	-30,804	0,000
	2387	4	0,000	-11,379	2,397	-10,935	2,514	10,475	-0,097	10,475	-27,747	-27,747	0,000
	2970	5	0,000	-11,672	4,236	-10,699	4,296	10,055	-0,065	10,055	-24,724	-24,724	0,000
Plate_1_10	2970	1	0,000	-11,672	4,237	-10,697	4,297	10,209	-0,067	10,209	-24,724	-24,724	0,000
Element 19-33 (Plate)	2971	2	0,000	-11,970	5,961	-10,458	5,966	9,630	-0,038	9,630	-21,759	-21,759	0,000
(Paratia 800)	2972	3	0,000	-12,269	7,542	-10,219	7,542	8,928	-0,013	8,928	-18,987	-18,987	0,000
	2973	4	0,000	-12,568	8,980	-9,980	8,980	8,133	0,000	8,133	-16,436	-16,436	0,000
	3073	5	0,000	-12,866	10,273	-9,742	10,273	7,274	0,000	7,274	-14,136	-14,136	0,000
Plate_1_10	3073	1	0,000	-12,866	10,275	-9,742	10,275	7,296	0,000	7,296	-14,136	-14,136	0,000
Element 19-34 (Plate)	3070	2	0,000	-13,170	11,448	-9,498	11,448	6,449	0,000	6,449	-12,048	-12,048	0,000
(Paratia 800)	3071	3	0,000	-13,474	12,478	-9,252	12,478	5,649	0,000	5,649	-10,211	-10,211	0,000
	3072	4	0,000	-13,778	13,365	-9,003	13,365	4,900	0,000	4,900	-8,608	-8,608	0,000
	3722	5	0,000	-14,082	14,109	-8,753	14,109	4,207	0,000	4,207	-7,226	-7,226	0,000
Plate_1_10	3722	1	0,000	-14,082	14,111	-8,752	14,111	4,209	0,000	4,209	-7,226	-7,226	0,000
Element 19-35 (Plate)	3723	2	0,000	-14,392	14,725	-8,494	14,725	3,573	0,000	3,573	-6,024	-6,024	0,000
(Paratia 800)	3724	3	0,000	-14,701	15,197	-8,230	15,197	3,004	0,000	3,004	-5,007	-5,007	0,000
	3725	4	0,000	-15,010	15,527	-7,959	15,527	2,502	0,000	2,502	-4,157	-4,157	0,000
	4320	5	0,000	-15,320	15,716	-7,683	15,716	2,064	0,000	2,064	-3,452	-3,452	0,000
Plate_1_10	4320	1	0,000	-15,320	15,718	-7,682	15,718	2,060	0,000	2,060	-3,452	-3,452	0,000
Element 19-36 (Plate)	4321	2	0,000	-15,635	15,768	-7,392	15,768	1,673	0,000	1,673	-2,866	-2,866	0,000
(Paratia 800)	4322	3	0,000	-15,950	15,678	-7,090	15,678	1,334	0,000	1,334	-2,393	-2,393	0,007

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	4323	4	0,000	-16,265	15,447	-6,777	15,447	1,042	0,000	1,042	-2,020	-2,020	0,023
	5026	5	0,000	-16,580	15,077	-6,452	15,077	0,795	0,000	0,795	-1,731	-1,731	0,039
Plate_1_10	5026	1	0,000	-16,580	15,078	-6,450	15,078	0,793	0,000	0,793	-1,731	-1,731	0,039
Element 19-37 (Plate)	5027	2	0,000	-16,901	14,560	-6,105	14,560	0,576	0,000	0,576	-1,513	-1,513	0,061
(Paratia 800)	5028	3	0,000	-17,222	13,902	-5,739	13,902	0,392	0,000	0,392	-1,358	-1,358	0,088
	5029	4	0,000	-17,543	13,105	-5,353	13,105	0,241	0,000	0,241	-1,258	-1,258	0,110
	5832	5	0,000	-17,864	12,170	-4,946	12,170	0,120	-0,006	0,120	-1,201	-1,201	0,125
Plate_1_10	5832	1	0,000	-17,864	12,173	-4,942	12,173	0,127	-0,003	0,127	-1,201	-1,201	0,125
Element 19-38 (Plate)	5833	2	0,000	-18,190	11,080	-4,501	11,080	0,019	-0,070	0,025	-1,179	-1,179	0,132
(Paratia 800)	5834	3	0,000	-18,517	9,852	-4,024	9,852	-0,033	-0,108	0,000	-1,182	-1,182	0,130
	5835	4	0,000	-18,843	8,492	-3,509	8,492	-0,046	-0,123	0,000	-1,196	-1,196	0,122
	6376	5	0,000	-19,170	7,003	-2,955	7,003	-0,038	-0,132	0,000	-1,210	-1,210	0,105
Plate_1_10	6376	1	0,000	-19,170	7,021	-2,944	7,021	0,129	-0,068	0,129	-1,210	-1,210	0,105
Element 19-39 (Plate)	6377	2	0,000	-19,502	5,361	-2,336	5,361	0,001	-0,110	0,001	-1,265	-1,265	0,080
(Paratia 800)	6378	3	0,000	-19,835	3,599	-1,650	3,599	1,099	-0,096	1,099	-1,045	-1,045	0,049
	6379	4	0,000	-20,167	1,765	-0,878	1,765	1,913	-0,082	1,913	-0,566	-0,566	0,019
	6380	5	0,000	-20,500	-0,114	-0,114	0,000	0,932	-0,022	1,209	0,000	0,000	0,000

3.1.1.1.4 Calculation results, Plate, chiodo [Phase_3] (3/18), Table of plate force envelopes

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_1	41	1	0,000	-0,520	0,014	0,000	0,014	-0,417	-0,446	0,060	0,000	0,000	0,000
Element 1-1 (Plate)	40	2	0,000	-0,640	-1,146	-1,146	0,000	3,553	-0,069	3,887	0,201	-0,006	0,223
(Paratia 800)	39	3	0,000	-0,760	-2,299	-2,299	0,000	6,349	-0,090	7,027	0,805	-0,015	0,889
	38	4	0,000	-0,880	-3,446	-3,446	0,000	8,128	-0,086	9,078	1,685	-0,026	1,866
	198	5	0,000	-1,000	-4,587	-4,587	0,000	9,048	-0,064	10,052	2,722	-0,035	3,024
Plate_1_2	198	1	0,000	-1,000	-4,593	-4,593	0,000	9,270	-0,072	10,291	2,722	-0,035	3,024
Element 3-4 (Plate)	199	2	0,000	-1,250	-6,977	-6,977	0,000	10,544	-0,025	11,295	5,219	-0,047	5,741
(Paratia 800)	200	3	0,000	-1,500	-9,390	-9,390	0,000	10,821	0,000	11,394	7,911	-0,048	8,596
	201	4	0,000	-1,750	-11,832	-11,832	0,000	10,107	0,000	10,595	10,549	-0,040	11,365
	212	5	0,000	-2,000	-14,305	-14,305	0,000	8,412	0,000	8,906	12,883	-0,025	13,820
Plate_1_3	212	1	0,000	-2,000	-14,307	-14,307	0,000	8,419	0,000	8,902	12,883	-0,025	13,820
Element 4-5 (Plate)	213	2	0,000	-2,125	-15,559	-15,559	0,000	7,211	0,000	7,707	13,862	-0,016	14,860
(Paratia 800)	214	3	0,000	-2,250	-16,821	-16,821	0,000	5,772	0,000	6,286	14,676	-0,006	15,737
	215	4	0,000	-2,375	-18,092	-18,092	0,000	4,105	0,000	4,644	15,296	0,000	16,423
	276	5	0,000	-2,500	-19,371	-19,371	0,000	2,212	0,000	2,781	15,693	0,000	16,889
Plate_1_4	276	1	0,000	-2,500	-19,373	-19,373	0,000	2,215	0,000	2,783	15,693	0,000	16,889
Element 6-7 (Plate)	277	2	0,000	-2,750	-21,961	-21,961	0,000	-2,237	-2,237	1,153	15,709	0,000	17,057
(Paratia 800)	278	3	0,000	-3,000	-24,596	-24,596	0,000	-7,578	-7,578	0,043	14,500	0,000	16,023
	279	4	0,000	-3,250	-27,276	-27,276	0,000	-13,810	-13,810	0,014	11,845	0,000	13,574
	306	5	0,000	-3,500	-30,000	-30,000	0,000	-20,931	-20,931	0,000	7,521	0,000	9,495
Plate_1_5	306	1	0,000	-3,500	-30,001	-30,001	0,000	-20,931	-20,931	0,000	7,521	0,000	9,495
Element 7-8 (Plate)	307	2	0,000	-3,673	-31,909	-31,909	0,000	-26,362	-26,362	0,000	3,450	0,000	5,754
(Paratia 800)	308	3	0,000	-3,845	-33,839	-33,839	0,000	-32,218	-32,218	0,000	-1,598	-1,598	4,228
	309	4	0,000	-4,018	-35,792	-35,792	0,000	-38,494	-38,494	0,000	-7,692	-7,692	2,306
	332	5	0,000	-4,190	-37,764	-37,764	0,000	-45,188	-45,188	0,000	-14,902	-14,902	0,011
Plate_1_6	332	1	0,000	-4,190	-38,024	-38,024	0,000	-44,741	-44,794	0,000	-14,902	-14,902	0,011

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Element 9-10 (Plate)	333	2	0,000	-4,268	-38,916	-38,916	0,000	-47,883	-47,929	0,000	-18,490	-18,490	0,006
(Paratia 800)	334	3	0,000	-4,345	-39,813	-39,813	0,000	-51,110	-51,149	0,000	-22,327	-22,327	0,000
	335	4	0,000	-4,423	-40,713	-40,713	0,000	-54,420	-54,450	0,000	-26,416	-26,416	0,000
	356	5	0,000	-4,500	-41,615	-41,615	0,000	-57,811	-57,833	0,000	-30,764	-30,764	0,000
Plate_1_7	356	1	0,000	-4,500	-41,609	-41,609	0,000	-57,643	-57,652	0,000	-30,764	-30,764	0,000
Element 10-11 (Plate)	357	2	0,000	-4,607	-41,524	-41,524	0,000	-57,626	-57,626	0,000	-36,919	-36,919	0,000
(Paratia 800)	358	3	0,000	-4,714	-41,467	-41,467	0,000	-57,929	-57,929	0,000	-43,093	-43,093	0,000
	359	4	0,000	-4,821	-41,435	-41,435	0,000	-58,501	-58,501	0,000	-49,314	-49,314	0,000
	370	5	0,000	-4,928	-41,425	-41,425	0,000	-59,289	-59,289	0,000	-55,606	-55,606	0,000
Plate_1_7	370	1	0,000	-4,928	-41,422	-41,422	0,000	-59,206	-59,206	0,000	-55,606	-55,606	0,000
Element 10-12 (Plate)	371	2	0,000	-5,009	-41,421	-41,421	0,000	-59,789	-59,789	0,000	-60,433	-60,433	0,000
(Paratia 800)	372	3	0,000	-5,090	-41,426	-41,426	0,000	-60,423	-60,423	0,000	-65,313	-65,313	0,000
	373	4	0,000	-5,171	-41,438	-41,438	0,000	-61,106	-61,106	0,000	-70,246	-70,246	0,000
	393	5	0,000	-5,252	-41,457	-41,457	0,000	-61,837	-61,837	0,000	-75,234	-75,234	0,000
Plate_1_7	393	1	0,000	-5,252	-41,456	-41,456	0,000	-61,794	-61,794	0,000	-75,234	-75,234	0,000
Element 10-13 (Plate)	390	2	0,000	-5,314	-41,473	-41,473	0,000	-62,382	-62,382	0,000	-79,061	-79,061	0,000
(Paratia 800)	391	3	0,000	-5,375	-41,492	-41,492	0,000	-62,850	-62,850	0,000	-82,922	-82,922	0,000
	392	4	0,000	-5,437	-41,513	-41,513	0,000	-63,164	-63,164	0,000	-86,808	-86,808	0,000
	419	5	0,000	-5,499	-41,535	-41,535	0,000	-63,288	-63,288	0,000	-90,705	-90,705	0,000
Plate_1_8	419	1	0,000	-5,499	-41,426	-41,426	0,000	-62,453	-62,453	0,000	-90,705	-90,705	0,000
Element 12-15 (Plate)	416	2	0,000	-5,499	-41,422	-41,422	0,000	-62,423	-62,423	0,000	-90,725	-90,725	0,000
(Paratia 800)	417	3	0,000	-5,499	-41,419	-41,419	0,000	-62,393	-62,393	0,000	-90,744	-90,744	0,000
	418	4	0,000	-5,500	-41,415	-41,415	0,000	-62,363	-62,363	0,000	-90,764	-90,764	0,000
	452	5	0,000	-5,500	-41,412	-41,412	0,000	-62,332	-62,332	0,000	-90,783	-90,783	0,000
Plate_1_9	452	1	0,000	-5,500	-41,411	-41,411	0,000	-62,600	-62,600	0,000	-90,783	-90,783	0,000
Element 18-24 (Plate)	453	2	0,000	-5,566	-40,678	-40,678	0,000	-55,497	-55,497	0,000	-94,693	-94,693	0,000
(Paratia 800)	454	3	0,000	-5,633	-39,952	-39,952	0,000	-49,058	-49,058	0,000	-98,156	-98,156	0,000
	455	4	0,000	-5,699	-39,233	-39,233	0,000	-43,235	-43,235	0,000	-101,213	-101,213	0,000
	710	5	0,000	-5,765	-38,522	-38,522	0,000	-37,978	-37,978	0,000	-103,901	-103,901	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_9	710	1	0,000	-5,765	-38,522	-38,522	0,000	-37,903	-37,903	0,000	-103,901	-103,901	0,000
Element 18-25 (Plate)	711	2	0,000	-5,847	-37,652	-37,652	0,000	-31,897	-31,897	0,000	-106,757	-106,757	0,000
(Paratia 800)	712	3	0,000	-5,929	-36,793	-36,793	0,000	-26,323	-26,323	0,000	-109,141	-109,141	0,000
	713	4	0,000	-6,011	-35,946	-35,946	0,000	-21,161	-21,161	0,000	-111,084	-111,084	0,000
	1118	5	0,000	-6,093	-35,110	-35,110	0,000	-16,395	-16,395	0,000	-112,620	-112,620	0,000
Plate_1_9	1118	1	0,000	-6,093	-35,110	-35,110	0,000	-16,372	-16,372	0,000	-112,620	-112,620	0,000
Element 18-26 (Plate)	1119	2	0,000	-6,194	-34,093	-34,093	0,000	-10,926	-10,926	0,000	-113,998	-113,998	0,000
(Paratia 800)	1120	3	0,000	-6,296	-33,094	-33,094	0,000	-5,912	-5,912	0,000	-114,848	-114,848	0,000
	1121	4	0,000	-6,397	-32,113	-32,113	0,000	-1,323	-1,323	2,389	-115,211	-115,211	0,000
	1552	5	0,000	-6,498	-31,151	-31,151	0,000	2,846	0,000	5,014	-115,130	-115,130	0,000
Plate_1_9	1552	1	0,000	-6,498	-31,150	-31,150	0,000	2,865	0,000	5,037	-115,130	-115,130	0,000
Element 18-27 (Plate)	1553	2	0,000	-6,623	-29,984	-29,984	0,000	7,490	0,000	7,840	-114,476	-114,476	0,000
(Paratia 800)	1554	3	0,000	-6,749	-28,844	-28,844	0,000	11,587	0,000	11,587	-113,276	-113,276	0,000
	1555	4	0,000	-6,874	-27,728	-27,728	0,000	15,166	0,000	15,166	-111,595	-111,595	0,000
	1898	5	0,000	-6,999	-26,639	-26,639	0,000	18,232	0,000	18,232	-109,500	-109,500	0,000
Plate_1_9	1898	1	0,000	-6,999	-26,638	-26,638	0,000	18,260	0,000	18,260	-109,500	-109,500	0,000
Element 18-28 (Plate)	1899	2	0,000	-7,154	-25,325	-25,325	0,000	21,414	0,000	21,414	-106,422	-106,422	0,000
(Paratia 800)	1900	3	0,000	-7,309	-24,046	-24,046	0,000	23,952	0,000	23,952	-102,903	-102,903	0,000
	1901	4	0,000	-7,463	-22,801	-22,801	0,000	25,888	0,000	25,888	-99,037	-99,037	0,000
	2170	5	0,000	-7,618	-21,590	-21,590	0,000	27,240	0,000	27,240	-94,919	-94,919	0,000
Plate_1_9	2170	1	0,000	-7,618	-21,589	-21,589	0,000	27,284	0,000	27,284	-94,919	-94,919	0,000
Element 18-29 (Plate)	2171	2	0,000	-7,809	-20,136	-20,136	0,000	28,271	0,000	28,271	-89,595	-89,595	0,000
(Paratia 800)	2172	3	0,000	-8,001	-18,728	-18,728	0,000	28,645	0,000	28,645	-84,140	-84,140	0,000
	2173	4	0,000	-8,192	-17,366	-17,366	0,000	28,436	0,000	28,436	-78,669	-78,669	0,000
	2194	5	0,000	-8,383	-16,052	-16,052	0,000	27,675	0,000	27,675	-73,294	-73,294	0,000
Plate_1_9	2194	1	0,000	-8,383	-16,050	-16,050	0,000	27,735	0,000	27,735	-73,294	-73,294	0,000
Element 18-30 (Plate)	2195	2	0,000	-8,620	-14,486	-14,486	0,000	26,166	0,000	26,166	-66,911	-66,911	0,000
(Paratia 800)	2196	3	0,000	-8,856	-12,987	-12,987	0,000	24,116	0,000	24,116	-60,957	-60,957	0,000
	2197	4	0,000	-9,093	-11,554	-11,554	0,000	21,654	0,000	21,654	-55,534	-55,534	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	2342	5	0,000	-9,329	-10,189	-11,358	0,000	18,847	0,000	18,847	-50,741	-50,741	0,000
Plate_1_9	2342	1	0,000	-9,329	-10,186	-11,359	0,000	19,007	0,000	19,007	-50,741	-50,741	0,000
Element 18-31 (Plate)	2343	2	0,000	-9,622	-8,585	-11,432	0,000	15,326	-0,016	15,326	-45,726	-45,726	0,000
(Paratia 800)	2344	3	0,000	-9,914	-7,074	-11,508	0,000	11,938	-0,062	11,938	-41,755	-41,755	0,000
	2345	4	0,000	-10,206	-5,653	-11,589	0,000	9,023	-0,112	9,023	-38,699	-38,699	0,000
	2384	5	0,000	-10,499	-4,322	-11,675	0,000	6,763	-0,183	6,763	-36,412	-36,412	0,000
Plate_1_10	2384	1	0,000	-10,499	-4,323	-11,674	0,000	7,449	-0,199	7,449	-36,412	-36,412	0,000
Element 19-32 (Plate)	2385	2	0,000	-10,792	-2,045	-11,422	0,000	9,402	-0,170	9,402	-33,916	-33,916	0,000
(Paratia 800)	2386	3	0,000	-11,085	0,094	-11,176	0,590	10,423	-0,134	10,423	-30,991	-30,991	0,000
	2387	4	0,000	-11,379	2,091	-10,935	2,514	10,641	-0,097	10,641	-27,880	-27,880	0,000
	2970	5	0,000	-11,672	3,944	-10,699	4,296	10,189	-0,065	10,189	-24,813	-24,813	0,000
Plate_1_10	2970	1	0,000	-11,672	3,945	-10,697	4,297	10,342	-0,067	10,342	-24,813	-24,813	0,000
Element 19-33 (Plate)	2971	2	0,000	-11,970	5,682	-10,458	5,966	9,734	-0,038	9,734	-21,813	-21,813	0,000
(Paratia 800)	2972	3	0,000	-12,269	7,277	-10,219	7,542	9,008	-0,013	9,008	-19,013	-19,013	0,000
	2973	4	0,000	-12,568	8,727	-9,980	8,980	8,193	0,000	8,193	-16,441	-16,441	0,000
	3073	5	0,000	-12,866	10,034	-9,742	10,273	7,319	0,000	7,319	-14,126	-14,136	0,000
Plate_1_10	3073	1	0,000	-12,866	10,036	-9,742	10,275	7,340	0,000	7,340	-14,126	-14,136	0,000
Element 19-34 (Plate)	3070	2	0,000	-13,170	11,221	-9,498	11,448	6,480	0,000	6,480	-12,027	-12,048	0,000
(Paratia 800)	3071	3	0,000	-13,474	12,264	-9,252	12,478	5,669	0,000	5,669	-10,181	-10,211	0,000
	3072	4	0,000	-13,778	13,163	-9,003	13,365	4,912	0,000	4,912	-8,574	-8,608	0,000
	3722	5	0,000	-14,082	13,919	-8,753	14,109	4,212	0,000	4,212	-7,189	-7,226	0,000
Plate_1_10	3722	1	0,000	-14,082	13,920	-8,752	14,111	4,214	0,000	4,214	-7,189	-7,226	0,000
Element 19-35 (Plate)	3723	2	0,000	-14,392	14,546	-8,494	14,725	3,574	0,000	3,574	-5,986	-6,024	0,000
(Paratia 800)	3724	3	0,000	-14,701	15,029	-8,230	15,197	3,001	0,000	3,004	-4,970	-5,007	0,000
	3725	4	0,000	-15,010	15,371	-7,959	15,527	2,496	0,000	2,502	-4,121	-4,157	0,000
	4320	5	0,000	-15,320	15,571	-7,683	15,716	2,056	0,000	2,064	-3,419	-3,452	0,000
Plate_1_10	4320	1	0,000	-15,320	15,572	-7,682	15,718	2,052	0,000	2,060	-3,419	-3,452	0,000
Element 19-36 (Plate)	4321	2	0,000	-15,635	15,633	-7,392	15,768	1,664	0,000	1,673	-2,835	-2,866	0,000
(Paratia 800)	4322	3	0,000	-15,950	15,553	-7,090	15,678	1,325	0,000	1,334	-2,365	-2,393	0,007

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	4323	4	0,000	-16,265	15,333	-6,777	15,447	1,033	0,000	1,042	-1,995	-2,020	0,023
	5026	5	0,000	-16,580	14,972	-6,452	15,077	0,786	0,000	0,795	-1,709	-1,731	0,039
Plate_1_10	5026	1	0,000	-16,580	14,973	-6,450	15,078	0,784	0,000	0,793	-1,709	-1,731	0,039
Element 19-37 (Plate)	5027	2	0,000	-16,901	14,465	-6,105	14,560	0,567	0,000	0,576	-1,494	-1,513	0,061
(Paratia 800)	5028	3	0,000	-17,222	13,817	-5,739	13,902	0,383	0,000	0,392	-1,342	-1,358	0,088
	5029	4	0,000	-17,543	13,030	-5,353	13,105	0,232	0,000	0,241	-1,244	-1,258	0,110
	5832	5	0,000	-17,864	12,104	-4,946	12,170	0,112	-0,006	0,120	-1,190	-1,201	0,125
Plate_1_10	5832	1	0,000	-17,864	12,106	-4,942	12,173	0,118	-0,003	0,127	-1,190	-1,201	0,125
Element 19-38 (Plate)	5833	2	0,000	-18,190	11,022	-4,501	11,080	0,011	-0,070	0,025	-1,171	-1,179	0,132
(Paratia 800)	5834	3	0,000	-18,517	9,804	-4,024	9,852	-0,040	-0,108	0,000	-1,176	-1,182	0,130
	5835	4	0,000	-18,843	8,453	-3,509	8,492	-0,053	-0,123	0,000	-1,193	-1,196	0,122
	6376	5	0,000	-19,170	6,972	-2,955	7,003	-0,046	-0,132	0,000	-1,209	-1,210	0,105
Plate_1_10	6376	1	0,000	-19,170	6,990	-2,944	7,021	0,123	-0,068	0,129	-1,209	-1,210	0,105
Element 19-39 (Plate)	6377	2	0,000	-19,502	5,338	-2,336	5,361	-0,005	-0,110	0,001	-1,267	-1,267	0,080
(Paratia 800)	6378	3	0,000	-19,835	3,585	-1,650	3,599	1,097	-0,096	1,099	-1,047	-1,047	0,049
	6379	4	0,000	-20,167	1,758	-0,878	1,765	1,917	-0,082	1,917	-0,568	-0,568	0,019
	6380	5	0,000	-20,500	-0,114	-0,114	0,000	0,943	-0,022	1,209	0,000	0,000	0,000

3.1.1.1.5 Calculation results, Plate, scavo per plinto [Phase_4] (4/21), Table of plate force envelopes

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_1	41	1	0,000	-0,520	0,014	0,000	0,014	-0,437	-0,446	0,060	0,000	0,000	0,000
Element 1-1 (Plate)	40	2	0,000	-0,640	-1,249	-1,249	0,000	3,863	-0,069	3,887	0,220	-0,006	0,223
(Paratia 800)	39	3	0,000	-0,760	-2,505	-2,505	0,000	6,913	-0,090	7,027	0,876	-0,015	0,889
	38	4	0,000	-0,880	-3,752	-3,752	0,000	8,884	-0,086	9,078	1,836	-0,026	1,866
	198	5	0,000	-1,000	-4,991	-4,991	0,000	9,946	-0,064	10,052	2,973	-0,035	3,024
Plate_1_2	198	1	0,000	-1,000	-4,999	-4,999	0,000	10,197	-0,072	10,291	2,973	-0,035	3,024
Element 3-4 (Plate)	199	2	0,000	-1,250	-7,585	-7,585	0,000	11,721	-0,025	11,721	5,734	-0,047	5,741
(Paratia 800)	200	3	0,000	-1,500	-10,198	-10,198	0,000	12,227	0,000	12,227	8,749	-0,048	8,749
	201	4	0,000	-1,750	-12,838	-12,838	0,000	11,725	0,000	11,725	11,765	-0,040	11,765
	212	5	0,000	-2,000	-15,504	-15,504	0,000	10,226	0,000	10,226	14,528	-0,025	14,528
Plate_1_3	212	1	0,000	-2,000	-15,507	-15,507	0,000	10,235	0,000	10,235	14,528	-0,025	14,528
Element 4-5 (Plate)	213	2	0,000	-2,125	-16,855	-16,855	0,000	9,123	0,000	9,123	15,740	-0,016	15,740
(Paratia 800)	214	3	0,000	-2,250	-18,213	-18,213	0,000	7,781	0,000	7,781	16,799	-0,006	16,799
	215	4	0,000	-2,375	-19,579	-19,579	0,000	6,210	0,000	6,210	17,677	0,000	17,677
	276	5	0,000	-2,500	-20,953	-20,953	0,000	4,415	0,000	4,415	18,343	0,000	18,343
Plate_1_4	276	1	0,000	-2,500	-20,955	-20,955	0,000	4,418	0,000	4,418	18,343	0,000	18,343
Element 6-7 (Plate)	277	2	0,000	-2,750	-23,731	-23,731	0,000	0,164	-2,237	1,153	18,934	0,000	18,934
(Paratia 800)	278	3	0,000	-3,000	-26,552	-26,552	0,000	-4,972	-7,578	0,043	18,351	0,000	18,351
	279	4	0,000	-3,250	-29,417	-29,417	0,000	-10,989	-13,810	0,014	16,374	0,000	16,374
	306	5	0,000	-3,500	-32,324	-32,324	0,000	-17,886	-20,931	0,000	12,783	0,000	12,783
Plate_1_5	306	1	0,000	-3,500	-32,326	-32,326	0,000	-17,885	-20,931	0,000	12,783	0,000	12,783
Element 7-8 (Plate)	307	2	0,000	-3,673	-34,359	-34,359	0,000	-23,153	-26,362	0,000	9,251	0,000	9,251
(Paratia 800)	308	3	0,000	-3,845	-36,414	-36,414	0,000	-28,837	-32,218	0,000	4,771	-1,598	4,771
	309	4	0,000	-4,018	-38,491	-38,491	0,000	-34,932	-38,494	0,000	-0,724	-7,692	2,306
	332	5	0,000	-4,190	-40,586	-40,586	0,000	-41,435	-45,188	0,000	-7,303	-14,902	0,011
Plate_1_6	332	1	0,000	-4,190	-48,112	-48,112	0,000	-28,436	-44,794	0,000	-7,303	-14,902	0,011

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Element 9-10 (Plate)	333	2	0,000	-4,268	-49,059	-49,059	0,000	-31,487	-47,929	0,000	-9,624	-18,490	0,006
(Paratia 800)	334	3	0,000	-4,345	-50,011	-50,011	0,000	-34,621	-51,149	0,000	-12,186	-22,327	0,000
	335	4	0,000	-4,423	-50,965	-50,965	0,000	-37,833	-54,450	0,000	-14,994	-26,416	0,000
	356	5	0,000	-4,500	-51,923	-51,923	0,000	-41,123	-57,833	0,000	-18,052	-30,764	0,000
Plate_1_7	356	1	0,000	-4,500	-51,922	-51,922	0,000	-41,123	-57,652	0,000	-18,052	-30,764	0,000
Element 10-11 (Plate)	357	2	0,000	-4,607	-53,247	-53,247	0,000	-45,787	-57,626	0,000	-22,694	-36,919	0,000
(Paratia 800)	358	3	0,000	-4,714	-54,575	-54,575	0,000	-50,595	-57,929	0,000	-27,845	-43,093	0,000
	359	4	0,000	-4,821	-55,905	-55,905	0,000	-55,543	-58,501	0,000	-33,517	-49,314	0,000
	370	5	0,000	-4,928	-57,235	-57,235	0,000	-60,624	-60,624	0,000	-39,722	-55,606	0,000
Plate_1_7	370	1	0,000	-4,928	-57,233	-57,233	0,000	-60,621	-60,621	0,000	-39,722	-55,606	0,000
Element 10-12 (Plate)	371	2	0,000	-5,009	-58,242	-58,242	0,000	-64,562	-64,562	0,000	-44,801	-60,433	0,000
(Paratia 800)	372	3	0,000	-5,090	-59,243	-59,243	0,000	-68,565	-68,565	0,000	-50,204	-65,313	0,000
	373	4	0,000	-5,171	-60,236	-60,236	0,000	-72,623	-72,623	0,000	-55,935	-70,246	0,000
	393	5	0,000	-5,252	-61,218	-61,218	0,000	-76,729	-76,729	0,000	-61,995	-75,234	0,000
Plate_1_7	393	1	0,000	-5,252	-61,207	-61,207	0,000	-76,711	-76,711	0,000	-61,995	-75,234	0,000
Element 10-13 (Plate)	390	2	0,000	-5,314	-61,948	-61,948	0,000	-79,859	-79,859	0,000	-66,819	-79,061	0,000
(Paratia 800)	391	3	0,000	-5,375	-62,656	-62,656	0,000	-82,974	-82,974	0,000	-71,840	-82,922	0,000
	392	4	0,000	-5,437	-63,317	-63,317	0,000	-85,974	-85,974	0,000	-77,048	-86,808	0,000
	419	5	0,000	-5,499	-63,920	-63,920	0,000	-88,780	-88,780	0,000	-82,435	-90,705	0,000
Plate_1_8	419	1	0,000	-5,499	-64,054	-64,054	0,000	-87,773	-87,773	0,000	-82,435	-90,705	0,000
Element 12-15 (Plate)	416	2	0,000	-5,499	-64,050	-64,050	0,000	-87,719	-87,719	0,000	-82,462	-90,725	0,000
(Paratia 800)	417	3	0,000	-5,499	-64,046	-64,046	0,000	-87,665	-87,665	0,000	-82,489	-90,744	0,000
	418	4	0,000	-5,500	-64,041	-64,041	0,000	-87,610	-87,610	0,000	-82,517	-90,764	0,000
	452	5	0,000	-5,500	-64,037	-64,037	0,000	-87,556	-87,556	0,000	-82,544	-90,783	0,000
Plate_1_9	452	1	0,000	-5,500	-64,033	-64,033	0,000	-87,542	-87,542	0,000	-82,544	-90,783	0,000
Element 18-24 (Plate)	453	2	0,000	-5,566	-63,110	-63,110	0,000	-76,674	-76,674	0,000	-87,978	-94,693	0,000
(Paratia 800)	454	3	0,000	-5,633	-62,204	-62,204	0,000	-67,201	-67,201	0,000	-92,742	-98,156	0,000
	455	4	0,000	-5,699	-61,314	-61,314	0,000	-58,966	-58,966	0,000	-96,917	-101,213	0,000
	710	5	0,000	-5,765	-60,442	-60,442	0,000	-51,814	-51,814	0,000	-100,583	-103,901	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_9	710	1	0,000	-5,765	-60,440	-60,440	0,000	-51,648	-51,648	0,000	-100,583	-103,901	0,000
Element 18-25 (Plate)	711	2	0,000	-5,847	-59,381	-59,381	0,000	-43,566	-43,566	0,000	-104,479	-106,757	0,000
(Paratia 800)	712	3	0,000	-5,929	-58,339	-58,339	0,000	-36,211	-36,211	0,000	-107,743	-109,141	0,000
	713	4	0,000	-6,011	-57,316	-57,316	0,000	-29,552	-29,552	0,000	-110,434	-111,084	0,000
	1118	5	0,000	-6,093	-56,312	-56,312	0,000	-23,554	-23,554	0,000	-112,605	-112,620	0,000
Plate_1_9	1118	1	0,000	-6,093	-56,310	-56,310	0,000	-23,499	-23,499	0,000	-112,605	-112,620	0,000
Element 18-26 (Plate)	1119	2	0,000	-6,194	-55,091	-55,091	0,000	-16,799	-16,799	0,000	-114,640	-114,640	0,000
(Paratia 800)	1120	3	0,000	-6,296	-53,894	-53,894	0,000	-10,736	-10,736	0,000	-116,029	-116,029	0,000
	1121	4	0,000	-6,397	-52,720	-52,720	0,000	-5,291	-5,291	2,389	-116,836	-116,836	0,000
	1552	5	0,000	-6,498	-51,569	-51,569	0,000	-0,443	-0,443	5,014	-117,122	-117,122	0,000
Plate_1_9	1552	1	0,000	-6,498	-51,567	-51,567	0,000	-0,399	-0,399	5,037	-117,122	-117,122	0,000
Element 18-27 (Plate)	1553	2	0,000	-6,623	-50,173	-50,173	0,000	4,912	0,000	7,840	-116,832	-116,832	0,000
(Paratia 800)	1554	3	0,000	-6,749	-48,807	-48,807	0,000	9,588	0,000	11,587	-115,918	-115,918	0,000
	1555	4	0,000	-6,874	-47,471	-47,471	0,000	13,645	0,000	15,166	-114,457	-114,457	0,000
	1898	5	0,000	-6,999	-46,166	-46,166	0,000	17,101	0,000	18,266	-112,526	-112,526	0,000
Plate_1_9	1898	1	0,000	-6,999	-46,164	-46,164	0,000	17,141	0,000	18,300	-112,526	-112,526	0,000
Element 18-28 (Plate)	1899	2	0,000	-7,154	-44,587	-44,587	0,000	20,710	0,000	21,611	-109,589	-109,589	0,000
(Paratia 800)	1900	3	0,000	-7,309	-43,048	-43,048	0,000	23,608	0,000	24,270	-106,150	-106,150	0,000
	1901	4	0,000	-7,463	-41,546	-41,546	0,000	25,853	0,000	26,297	-102,313	-102,313	0,000
	2170	5	0,000	-7,618	-40,082	-40,082	0,000	27,464	0,000	27,709	-98,179	-98,179	0,000
Plate_1_9	2170	1	0,000	-7,618	-40,080	-40,080	0,000	27,510	0,000	27,757	-98,179	-98,179	0,000
Element 18-29 (Plate)	2171	2	0,000	-7,809	-38,318	-38,318	0,000	28,760	0,000	28,882	-92,787	-92,787	0,000
(Paratia 800)	2172	3	0,000	-8,001	-36,603	-36,603	0,000	29,336	0,000	29,375	-87,218	-87,218	0,000
	2173	4	0,000	-8,192	-34,936	-34,936	0,000	29,271	0,000	29,271	-81,600	-81,600	0,000
	2194	5	0,000	-8,383	-33,317	-33,317	0,000	28,600	0,000	28,600	-76,056	-76,056	0,000
Plate_1_9	2194	1	0,000	-8,383	-33,314	-33,314	0,000	28,658	0,000	28,658	-76,056	-76,056	0,000
Element 18-30 (Plate)	2195	2	0,000	-8,620	-31,372	-31,372	0,000	27,161	0,000	27,161	-69,445	-69,445	0,000
(Paratia 800)	2196	3	0,000	-8,856	-29,490	-29,490	0,000	25,144	0,000	25,144	-63,250	-63,250	0,000
	2197	4	0,000	-9,093	-27,670	-27,670	0,000	22,651	0,000	22,651	-57,587	-57,587	0,000

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	2342	5	0,000	-9,329	-25,911	-25,911	0,000	19,729	0,000	19,729	-52,570	-52,570	0,000
Plate_1_9	2342	1	0,000	-9,329	-25,910	-25,910	0,000	19,889	0,000	19,889	-52,570	-52,570	0,000
Element 18-31 (Plate)	2343	2	0,000	-9,622	-23,809	-23,809	0,000	15,825	-0,016	15,825	-47,349	-47,349	0,000
(Paratia 800)	2344	3	0,000	-9,914	-21,791	-21,791	0,000	11,944	-0,062	11,944	-43,304	-43,304	0,000
	2345	4	0,000	-10,206	-19,856	-19,856	0,000	8,493	-0,112	9,023	-40,322	-40,322	0,000
	2384	5	0,000	-10,499	-18,008	-18,008	0,000	5,719	-0,183	6,763	-38,268	-38,268	0,000
Plate_1_10	2384	1	0,000	-10,499	-18,012	-18,012	0,000	6,587	-0,199	7,449	-38,268	-38,268	0,000
Element 19-32 (Plate)	2385	2	0,000	-10,792	-14,975	-14,975	0,000	9,447	-0,170	9,447	-35,885	-35,885	0,000
(Paratia 800)	2386	3	0,000	-11,085	-12,081	-12,081	0,590	11,126	-0,134	11,126	-32,844	-32,844	0,000
	2387	4	0,000	-11,379	-9,334	-10,935	2,514	11,773	-0,097	11,773	-29,458	-29,458	0,000
	2970	5	0,000	-11,672	-6,738	-10,699	4,296	11,538	-0,065	11,538	-26,023	-26,023	0,000
Plate_1_10	2970	1	0,000	-11,672	-6,739	-10,697	4,297	11,720	-0,067	11,720	-26,023	-26,023	0,000
Element 19-33 (Plate)	2971	2	0,000	-11,970	-4,248	-10,458	5,966	11,119	-0,038	11,119	-22,607	-22,607	0,000
(Paratia 800)	2972	3	0,000	-12,269	-1,916	-10,219	7,542	10,283	-0,013	10,283	-19,408	-19,408	0,000
	2973	4	0,000	-12,568	0,254	-9,980	8,980	9,286	0,000	9,286	-16,481	-16,481	0,000
	3073	5	0,000	-12,866	2,259	-9,742	10,273	8,202	0,000	8,202	-13,870	-14,136	0,000
Plate_1_10	3073	1	0,000	-12,866	2,259	-9,742	10,275	8,237	0,000	8,237	-13,870	-14,136	0,000
Element 19-34 (Plate)	3070	2	0,000	-13,170	4,127	-9,498	11,448	7,204	0,000	7,204	-11,525	-12,048	0,000
(Paratia 800)	3071	3	0,000	-13,474	5,823	-9,252	12,478	6,238	0,000	6,238	-9,484	-10,211	0,000
	3072	4	0,000	-13,778	7,345	-9,003	13,365	5,343	0,000	5,343	-7,725	-8,608	0,000
	3722	5	0,000	-14,082	8,694	-8,753	14,109	4,523	0,000	4,523	-6,228	-7,226	0,000
Plate_1_10	3722	1	0,000	-14,082	8,695	-8,752	14,111	4,523	0,000	4,523	-6,228	-7,226	0,000
Element 19-35 (Plate)	3723	2	0,000	-14,392	9,891	-8,494	14,725	3,776	0,000	3,776	-4,946	-6,024	0,000
(Paratia 800)	3724	3	0,000	-14,701	10,913	-8,230	15,197	3,110	0,000	3,110	-3,882	-5,007	0,000
	3725	4	0,000	-15,010	11,759	-7,959	15,527	2,522	0,000	2,522	-3,012	-4,157	0,000
	4320	5	0,000	-15,320	12,429	-7,683	15,716	2,012	0,000	2,064	-2,313	-3,452	0,000
Plate_1_10	4320	1	0,000	-15,320	12,430	-7,682	15,718	2,007	0,000	2,060	-2,313	-3,452	0,000
Element 19-36 (Plate)	4321	2	0,000	-15,635	12,936	-7,392	15,768	1,555	0,000	1,673	-1,753	-2,866	0,000
(Paratia 800)	4322	3	0,000	-15,950	13,265	-7,090	15,678	1,157	0,000	1,334	-1,327	-2,393	0,007

Structural element	Node	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
	4323	4	0,000	-16,265	13,418	-6,777	15,447	0,812	0,000	1,042	-1,019	-2,020	0,023
	5026	5	0,000	-16,580	13,396	-6,452	15,077	0,516	0,000	0,795	-0,811	-1,731	0,039
Plate_1_10	5026	1	0,000	-16,580	13,397	-6,450	15,078	0,514	0,000	0,793	-0,811	-1,731	0,039
Element 19-37 (Plate)	5027	2	0,000	-16,901	13,197	-6,105	14,560	0,249	0,000	0,576	-0,689	-1,513	0,061
(Paratia 800)	5028	3	0,000	-17,222	12,820	-5,739	13,902	0,022	0,000	0,392	-0,647	-1,358	0,088
	5029	4	0,000	-17,543	12,268	-5,353	13,105	-0,169	-0,169	0,241	-0,671	-1,258	0,110
	5832	5	0,000	-17,864	11,541	-4,946	12,170	-0,322	-0,322	0,120	-0,751	-1,201	0,125
Plate_1_10	5832	1	0,000	-17,864	11,544	-4,942	12,173	-0,313	-0,313	0,127	-0,751	-1,201	0,125
Element 19-38 (Plate)	5833	2	0,000	-18,190	10,626	-4,501	11,090	-0,450	-0,450	0,025	-0,878	-1,179	0,132
(Paratia 800)	5834	3	0,000	-18,517	9,539	-4,024	9,901	-0,510	-0,510	0,000	-1,036	-1,182	0,130
	5835	4	0,000	-18,843	8,287	-3,509	8,566	-0,515	-0,515	0,000	-1,206	-1,224	0,122
	6376	5	0,000	-19,170	6,872	-2,955	7,086	-0,489	-0,489	0,000	-1,370	-1,370	0,105
Plate_1_10	6376	1	0,000	-19,170	6,897	-2,944	7,105	-0,263	-0,263	0,129	-1,370	-1,370	0,105
Element 19-39 (Plate)	6377	2	0,000	-19,502	5,274	-2,336	5,439	-0,362	-0,362	0,001	-1,586	-1,586	0,080
(Paratia 800)	6378	3	0,000	-19,835	3,530	-1,650	3,658	1,314	-0,096	1,314	-1,372	-1,372	0,049
	6379	4	0,000	-20,167	1,705	-0,878	1,793	2,564	-0,082	2,564	-0,759	-0,759	0,019
	6380	5	0,000	-20,500	-0,161	-0,161	0,000	1,187	-0,022	1,319	0,000	0,000	0,000

3.1.1.1.6 Calculation results, Plate, costruzione plinto [Phase_5] (5/24), Table of plate force envelopes

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
Plate_1_1	41	1	0,000	-0,520	0,014	0,000	0,014	-0,434	-0,446	0,060	0,000	0,000	0,000
Element 1-1 (Plate)	40	2	0,000	-0,640	-1,244	-1,249	0,000	3,849	-0,069	3,887	0,219	-0,006	0,223
(Paratia 800)	39	3	0,000	-0,760	-2,493	-2,505	0,000	6,891	-0,090	7,027	0,873	-0,015	0,889
	38	4	0,000	-0,880	-3,734	-3,752	0,000	8,859	-0,086	9,078	1,830	-0,026	1,866
	198	5	0,000	-1,000	-4,966	-4,991	0,000	9,925	-0,064	10,052	2,964	-0,035	3,024
Plate_5_1	10941	1	15,360	-2,338	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
Element 2-2 (Plate)	10539	2	15,360	-2,069	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
(MURO ELEVAZIONE)	10540	3	15,360	-1,800	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
	10541	4	15,360	-1,531	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
	10545	5	15,360	-1,261	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
Plate_5_1	10545	1	15,360	-1,261	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
Element 2-3 (Plate)	10389	2	15,360	-1,071	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
(MURO ELEVAZIONE)	10390	3	15,360	-0,881	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
	10391	4	15,360	-0,690	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
	10392	5	15,360	-0,500	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
Plate_1_2	198	1	0,000	-1,000	-4,973	-4,999	0,000	10,174	-0,072	10,291	2,964	-0,035	3,024
Element 3-4 (Plate)	199	2	0,000	-1,250	-7,545	-7,585	0,000	11,713	-0,025	11,731	5,721	-0,047	5,741
(Paratia 800)	200	3	0,000	-1,500	-10,142	-10,198	0,000	12,235	0,000	12,250	8,736	-0,048	8,752
	201	4	0,000	-1,750	-12,765	-12,838	0,000	11,750	0,000	11,767	11,756	-0,040	11,775
	212	5	0,000	-2,000	-15,415	-15,504	0,000	10,268	0,000	10,291	14,528	-0,025	14,551
Plate_1_3	212	1	0,000	-2,000	-15,418	-15,507	0,000	10,276	0,000	10,299	14,528	-0,025	14,551
Element 4-5 (Plate)	213	2	0,000	-2,125	-16,757	-16,855	0,000	9,173	0,000	9,198	15,746	-0,016	15,770
(Paratia 800)	214	3	0,000	-2,250	-18,106	-18,213	0,000	7,839	0,000	7,866	16,812	-0,006	16,837
	215	4	0,000	-2,375	-19,463	-19,579	0,000	6,277	0,000	6,307	17,696	0,000	17,723
	276	5	0,000	-2,500	-20,828	-20,953	0,000	4,489	0,000	4,522	18,371	0,000	18,402
Plate_5_2	11141	1	15,360	-3,610	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
Element 5-6 (Plate)	10942	2	15,360	-3,292	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
(MURO ELEVAZIONE)	10943	3	15,360	-2,974	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
	10944	4	15,360	-2,656	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
	10941	5	15,360	-2,338	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
Plate_1_4	276	1	0,000	-2,500	-20,830	-20,955	0,000	4,492	0,000	4,525	18,371	0,000	18,402
Element 6-7 (Plate)	277	2	0,000	-2,750	-23,588	-23,731	0,000	0,252	-2,237	1,153	18,983	0,000	19,022
(Paratia 800)	278	3	0,000	-3,000	-26,390	-26,552	0,000	-4,870	-7,578	0,043	18,424	0,000	18,473
	279	4	0,000	-3,250	-29,236	-29,417	0,000	-10,875	-13,810	0,014	16,474	0,000	16,535
	306	5	0,000	-3,500	-32,123	-32,324	0,000	-17,761	-20,931	0,000	12,913	0,000	12,988
Plate_1_5	306	1	0,000	-3,500	-32,125	-32,326	0,000	-17,760	-20,931	0,000	12,913	0,000	12,988
Element 7-8 (Plate)	307	2	0,000	-3,673	-34,145	-34,359	0,000	-23,022	-26,362	0,000	9,403	0,000	9,488
(Paratia 800)	308	3	0,000	-3,845	-36,187	-36,414	0,000	-28,701	-32,218	0,000	4,946	-1,598	5,043
	309	4	0,000	-4,018	-38,250	-38,491	0,000	-34,792	-38,494	0,000	-0,525	-7,692	2,306
	332	5	0,000	-4,190	-40,332	-40,586	0,000	-41,293	-45,188	0,000	-7,080	-14,902	0,011
Plate_5_3	11131	1	15,360	-4,493	0,639	0,000	0,639	-5,386	-5,386	0,000	2,805	0,000	2,805
Element 8-9 (Plate)	11125	2	15,360	-4,272	0,598	0,000	0,598	-4,486	-4,486	0,000	1,712	0,000	1,712
(MURO ELEVAZIONE)	11126	3	15,360	-4,052	0,493	0,000	0,493	-3,359	-3,359	0,000	0,840	0,000	0,840
	11127	4	15,360	-3,831	0,358	0,000	0,358	-1,957	-1,957	0,000	0,249	0,000	0,249
	11141	5	15,360	-3,610	0,227	0,000	0,227	-0,233	-0,233	0,000	0,000	0,000	0,000
Plate_1_6	332	1	0,000	-4,190	-48,155	-48,155	0,000	-27,779	-44,794	0,000	-7,080	-14,902	0,011
Element 9-10 (Plate)	333	2	0,000	-4,268	-49,096	-49,096	0,000	-30,830	-47,929	0,000	-9,350	-18,490	0,006
(Paratia 800)	334	3	0,000	-4,345	-50,042	-50,042	0,000	-33,963	-51,149	0,000	-11,861	-22,327	0,000
	335	4	0,000	-4,423	-50,990	-50,990	0,000	-37,176	-54,450	0,000	-14,618	-26,416	0,000
	356	5	0,000	-4,500	-51,941	-51,941	0,000	-40,466	-57,833	0,000	-17,625	-30,764	0,000
Plate_1_7	356	1	0,000	-4,500	-51,941	-51,941	0,000	-40,467	-57,652	0,000	-17,625	-30,764	0,000
Element 10-11 (Plate)	357	2	0,000	-4,607	-53,257	-53,257	0,000	-45,133	-57,626	0,000	-22,197	-36,919	0,000
(Paratia 800)	358	3	0,000	-4,714	-54,576	-54,576	0,000	-49,945	-57,929	0,000	-27,278	-43,093	0,000
	359	4	0,000	-4,821	-55,897	-55,905	0,000	-54,898	-58,501	0,000	-32,881	-49,314	0,000
	370	5	0,000	-4,928	-57,219	-57,235	0,000	-59,987	-60,624	0,000	-39,017	-55,606	0,000

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
Plate_1_7	370	1	0,000	-4,928	-57,217	-57,233	0,000	-59,984	-60,621	0,000	-39,017	-55,606	0,000
Element 10-12 (Plate)	371	2	0,000	-5,009	-58,219	-58,242	0,000	-63,932	-64,562	0,000	-44,045	-60,433	0,000
(Paratia 800)	372	3	0,000	-5,090	-59,214	-59,243	0,000	-67,943	-68,565	0,000	-49,398	-65,313	0,000
	373	4	0,000	-5,171	-60,200	-60,236	0,000	-72,011	-72,623	0,000	-55,078	-70,246	0,000
	393	5	0,000	-5,252	-61,175	-61,218	0,000	-76,129	-76,729	0,000	-61,089	-75,234	0,000
Plate_1_7	393	1	0,000	-5,252	-61,164	-61,207	0,000	-76,111	-76,711	0,000	-61,089	-75,234	0,000
Element 10-13 (Plate)	390	2	0,000	-5,314	-61,900	-61,948	0,000	-79,270	-79,859	0,000	-65,876	-79,061	0,000
(Paratia 800)	391	3	0,000	-5,375	-62,602	-62,656	0,000	-82,397	-82,974	0,000	-70,861	-82,922	0,000
	392	4	0,000	-5,437	-63,259	-63,317	0,000	-85,411	-85,974	0,000	-76,035	-86,808	0,000
	419	5	0,000	-5,499	-63,857	-63,920	0,000	-88,233	-88,780	0,000	-81,387	-90,705	0,000
Plate_5_4	11421	1	15,360	-5,610	0,853	0,000	0,853	-7,018	-7,069	0,000	10,156	0,000	10,156
Element 11-14 (Plate)	11132	2	15,360	-5,331	0,799	0,000	0,799	-7,033	-7,055	0,000	8,189	0,000	8,189
(MURO ELEVAZIONE)	11133	3	15,360	-5,052	0,756	0,000	0,756	-6,773	-6,773	0,000	6,255	0,000	6,255
	11134	4	15,360	-4,772	0,710	0,000	0,710	-6,228	-6,228	0,000	4,433	0,000	4,433
	11131	5	15,360	-4,493	0,649	0,000	0,649	-5,387	-5,387	0,000	2,805	0,000	2,805
Plate_1_8	419	1	0,000	-5,499	-63,987	-64,054	0,000	-87,221	-87,773	0,000	-81,387	-90,705	0,000
Element 12-15 (Plate)	416	2	0,000	-5,499	-63,982	-64,050	0,000	-87,169	-87,719	0,000	-81,414	-90,725	0,000
(Paratia 800)	417	3	0,000	-5,499	-63,978	-64,046	0,000	-87,117	-87,665	0,000	-81,441	-90,744	0,000
	418	4	0,000	-5,500	-63,973	-64,041	0,000	-87,064	-87,610	0,000	-81,468	-90,764	0,000
	452	5	0,000	-5,500	-63,969	-64,037	0,000	-87,011	-87,556	0,000	-81,496	-90,783	0,000
Plate_4_1	8735	1	9,150	-5,596	5,876	0,000	5,876	-5,059	-5,059	0,000	0,000	0,000	0,000
Element 13-16 (Plate)	8739	2	9,463	-5,600	2,018	0,000	2,018	3,399	0,000	3,399	-0,290	-0,297	0,000
(PLINTO)	8740	3	9,775	-5,603	2,866	0,000	2,866	12,550	0,000	12,550	2,206	0,000	2,206
	8741	4	10,088	-5,607	4,590	0,000	4,590	21,926	0,000	21,926	7,579	0,000	7,579
	9211	5	10,400	-5,610	3,364	0,000	3,364	31,059	0,000	31,059	15,876	0,000	15,876
Plate_2_1	9211	1	10,400	-5,610	9,710	0,000	9,710	-84,240	-84,240	0,000	5,313	0,000	5,313
Element 14-17 (Plate)	9212	2	10,723	-5,610	10,142	0,000	10,142	-74,104	-74,104	0,000	-20,273	-20,273	0,000
(PLINTO)	9213	3	11,046	-5,610	10,522	0,000	10,522	-63,857	-63,857	0,000	-42,574	-42,574	0,000
	9214	4	11,370	-5,610	10,835	0,000	10,835	-53,524	-53,524	0,000	-61,550	-61,550	0,000

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
	9873	5	11,693	-5,610	11,061	0,000	11,061	-43,130	-43,130	0,000	-77,166	-77,166	0,000
Plate_2_1	9873	1	11,693	-5,610	11,057	0,000	11,057	-43,095	-43,095	0,000	-77,166	-77,166	0,000
Element 14-18 (Plate)	9877	2	12,018	-5,610	11,192	0,000	11,192	-32,478	-32,478	0,000	-89,448	-89,448	0,000
(PLINTO)	9878	3	12,343	-5,610	11,318	0,000	11,318	-21,747	-21,747	0,000	-98,263	-98,263	0,000
	9879	4	12,668	-5,610	11,429	0,000	11,429	-10,919	-10,919	0,000	-103,576	-103,576	0,000
	10405	5	12,993	-5,610	11,519	0,000	11,519	-0,014	-0,014	0,396	-105,353	-105,353	0,000
Plate_2_1	10405	1	12,993	-5,610	11,524	0,000	11,524	-0,016	-0,016	0,391	-105,353	-105,353	0,000
Element 14-19 (Plate)	10409	2	13,320	-5,610	11,611	0,000	11,620	11,055	0,000	11,055	-103,551	-103,551	0,000
(PLINTO)	10410	3	13,646	-5,610	11,703	0,000	11,713	22,188	0,000	22,188	-98,120	-98,120	0,000
	10411	4	13,973	-5,610	11,809	0,000	11,811	33,416	0,000	33,416	-89,035	-89,035	0,000
	10977	5	14,300	-5,610	11,936	0,000	11,936	44,772	0,000	44,772	-76,265	-76,265	0,000
Plate_2_2	10977	1	14,300	-5,610	12,933	0,000	12,933	-41,240	-41,240	0,000	-78,863	-78,863	0,000
Element 15-20 (Plate)	10981	2	14,565	-5,610	13,230	0,000	13,230	-31,982	-31,982	0,000	-88,561	-88,561	0,000
(PLINTO)	10982	3	14,830	-5,610	13,416	0,000	13,416	-22,785	-22,785	0,000	-95,818	-95,818	0,000
	10983	4	15,095	-5,610	13,530	0,000	13,530	-13,629	-13,680	0,000	-100,644	-100,644	0,000
	11421	5	15,360	-5,610	13,610	0,000	13,610	-4,493	-4,678	0,000	-103,044	-103,044	0,000
Plate_2_3	11421	1	15,360	-5,610	6,556	0,000	6,556	-5,316	-5,398	0,000	-113,200	-113,200	0,000
Element 16-21 (Plate)	11425	2	15,715	-5,610	6,610	0,000	6,610	6,946	0,000	6,946	-112,911	-112,911	0,000
(PLINTO)	11426	3	16,070	-5,610	6,643	0,000	6,643	19,177	0,000	19,177	-108,271	-108,271	0,000
	11427	4	16,425	-5,610	6,635	0,000	6,635	31,382	0,000	31,382	-99,295	-99,295	0,000
	11779	5	16,780	-5,610	6,563	0,000	6,563	43,565	0,000	43,565	-85,994	-85,994	0,000
Plate_2_3	11779	1	16,780	-5,610	6,576	0,000	6,576	43,568	0,000	43,568	-85,994	-85,994	0,000
Element 16-22 (Plate)	11783	2	17,135	-5,610	6,433	0,000	6,433	55,747	0,000	55,747	-68,371	-68,371	0,000
(PLINTO)	11784	3	17,490	-5,610	6,210	0,000	6,210	67,949	0,000	67,949	-46,410	-46,410	0,000
	11785	4	17,845	-5,610	5,883	0,000	5,883	80,182	0,000	80,182	-20,112	-20,112	0,000
	12431	5	18,200	-5,610	5,430	0,000	5,430	92,456	0,000	92,456	10,523	0,000	10,523
Plate_3_1	12431	1	18,200	-5,610	2,336	0,000	2,336	-31,352	-31,352	0,000	14,226	0,000	14,226
Element 17-23 (Plate)	12432	2	18,489	-5,610	3,163	0,000	3,163	-21,881	-21,881	0,000	6,489	0,000	6,489
(PLINTO)	12433	3	18,778	-5,610	1,848	0,000	1,848	-11,881	-11,881	0,000	1,642	0,000	1,650

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
	12434	4	19,068	-5,610	1,213	0,000	1,213	-2,508	-2,528	0,000	-0,444	-0,444	0,000
	12877	5	19,357	-5,610	4,081	0,000	4,081	5,083	0,000	5,083	0,000	0,000	0,000
Plate_1_9	452	1	0,000	-5,500	-63,965	-64,033	0,000	-87,020	-87,542	0,000	-81,496	-90,783	0,000
Element 18-24 (Plate)	453	2	0,000	-5,566	-63,044	-63,110	0,000	-76,407	-76,674	0,000	-86,903	-94,693	0,000
(Paratia 800)	454	3	0,000	-5,633	-62,139	-62,204	0,000	-67,150	-67,201	0,000	-91,657	-98,156	0,000
	455	4	0,000	-5,699	-61,250	-61,314	0,000	-59,093	-59,093	0,000	-95,835	-101,213	0,000
	710	5	0,000	-5,765	-60,378	-60,442	0,000	-52,084	-52,084	0,000	-99,514	-103,901	0,000
Plate_1_9	710	1	0,000	-5,765	-60,377	-60,440	0,000	-51,924	-51,924	0,000	-99,514	-103,901	0,000
Element 18-25 (Plate)	711	2	0,000	-5,847	-59,317	-59,381	0,000	-43,992	-43,992	0,000	-103,439	-106,757	0,000
(Paratia 800)	712	3	0,000	-5,929	-58,274	-58,339	0,000	-36,770	-36,770	0,000	-106,744	-109,141	0,000
	713	4	0,000	-6,011	-57,249	-57,316	0,000	-30,224	-30,224	0,000	-109,485	-111,084	0,000
	1118	5	0,000	-6,093	-56,242	-56,312	0,000	-24,323	-24,323	0,000	-111,715	-112,620	0,000
Plate_1_9	1118	1	0,000	-6,093	-56,241	-56,310	0,000	-24,270	-24,270	0,000	-111,715	-112,620	0,000
Element 18-26 (Plate)	1119	2	0,000	-6,194	-55,017	-55,091	0,000	-17,672	-17,672	0,000	-113,834	-114,640	0,000
(Paratia 800)	1120	3	0,000	-6,296	-53,815	-53,894	0,000	-11,696	-11,696	0,000	-115,316	-116,029	0,000
	1121	4	0,000	-6,397	-52,634	-52,720	0,000	-6,321	-6,321	2,389	-116,224	-116,836	0,000
	1552	5	0,000	-6,498	-51,476	-51,569	0,000	-1,528	-1,528	5,014	-116,616	-117,122	0,000
Plate_1_9	1552	1	0,000	-6,498	-51,474	-51,567	0,000	-1,485	-1,485	5,037	-116,616	-117,122	0,000
Element 18-27 (Plate)	1553	2	0,000	-6,623	-50,070	-50,173	0,000	3,777	0,000	7,840	-116,466	-116,832	0,000
(Paratia 800)	1554	3	0,000	-6,749	-48,694	-48,807	0,000	8,420	0,000	11,587	-115,696	-115,918	0,000
	1555	4	0,000	-6,874	-47,347	-47,471	0,000	12,461	0,000	15,166	-114,382	-114,457	0,000
	1898	5	0,000	-6,999	-46,029	-46,166	0,000	15,919	0,000	18,266	-112,600	-112,600	0,000
Plate_1_9	1898	1	0,000	-6,999	-46,027	-46,164	0,000	15,957	0,000	18,300	-112,600	-112,600	0,000
Element 18-28 (Plate)	1899	2	0,000	-7,154	-44,434	-44,587	0,000	19,548	0,000	21,611	-109,845	-109,845	0,000
(Paratia 800)	1900	3	0,000	-7,309	-42,879	-43,048	0,000	22,483	0,000	24,270	-106,583	-106,583	0,000
	1901	4	0,000	-7,463	-41,360	-41,546	0,000	24,782	0,000	26,297	-102,916	-102,916	0,000
	2170	5	0,000	-7,618	-39,879	-40,082	0,000	26,461	0,000	27,709	-98,943	-98,943	0,000
Plate_1_9	2170	1	0,000	-7,618	-39,877	-40,080	0,000	26,505	0,000	27,757	-98,943	-98,943	0,000
Element 18-29 (Plate)	2171	2	0,000	-7,809	-38,094	-38,318	0,000	27,854	0,000	28,882	-93,734	-93,734	0,000

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
(Paratia 800)	2172	3	0,000	-8,001	-36,358	-36,603	0,000	28,539	0,000	29,375	-88,328	-88,328	0,000
	2173	4	0,000	-8,192	-34,671	-34,936	0,000	28,592	0,000	29,271	-82,851	-82,851	0,000
	2194	5	0,000	-8,383	-33,033	-33,317	0,000	28,046	0,000	28,600	-77,425	-77,425	0,000
Plate_1_9	2194	1	0,000	-8,383	-33,030	-33,314	0,000	28,101	0,000	28,658	-77,425	-77,425	0,000
Element 18-30 (Plate)	2195	2	0,000	-8,620	-31,066	-31,372	0,000	26,765	0,000	27,161	-70,928	-70,928	0,000
(Paratia 800)	2196	3	0,000	-8,856	-29,164	-29,490	0,000	24,902	0,000	25,144	-64,808	-64,808	0,000
	2197	4	0,000	-9,093	-27,326	-27,670	0,000	22,559	0,000	22,651	-59,184	-59,184	0,000
	2342	5	0,000	-9,329	-25,552	-25,911	0,000	19,780	0,000	19,780	-54,171	-54,171	0,000
Plate_1_9	2342	1	0,000	-9,329	-25,551	-25,910	0,000	19,930	0,000	19,930	-54,171	-54,171	0,000
Element 18-31 (Plate)	2343	2	0,000	-9,622	-23,435	-23,809	0,000	16,027	-0,016	16,027	-48,913	-48,913	0,000
(Paratia 800)	2344	3	0,000	-9,914	-21,404	-21,791	0,000	12,240	-0,062	12,240	-44,794	-44,794	0,000
	2345	4	0,000	-10,206	-19,461	-19,856	0,000	8,805	-0,112	9,023	-41,721	-41,721	0,000
	2384	5	0,000	-10,499	-17,608	-18,008	0,000	5,957	-0,183	6,763	-39,584	-39,584	0,000
Plate_1_10	2384	1	0,000	-10,499	-17,612	-18,012	0,000	6,791	-0,199	7,449	-39,584	-39,584	0,000
Element 19-32 (Plate)	2385	2	0,000	-10,792	-14,569	-14,975	0,000	9,501	-0,170	9,501	-37,165	-37,165	0,000
(Paratia 800)	2386	3	0,000	-11,085	-11,672	-12,081	0,590	11,095	-0,134	11,126	-34,123	-34,123	0,000
	2387	4	0,000	-11,379	-8,926	-10,935	2,514	11,712	-0,097	11,773	-30,751	-30,751	0,000
	2970	5	0,000	-11,672	-6,332	-10,699	4,296	11,490	-0,065	11,538	-27,333	-27,333	0,000
Plate_1_10	2970	1	0,000	-11,672	-6,333	-10,697	4,297	11,660	-0,067	11,720	-27,333	-27,333	0,000
Element 19-33 (Plate)	2971	2	0,000	-11,970	-3,847	-10,458	5,966	11,079	-0,038	11,119	-23,931	-23,931	0,000
(Paratia 800)	2972	3	0,000	-12,269	-1,523	-10,219	7,542	10,256	-0,013	10,283	-20,743	-20,743	0,000
	2973	4	0,000	-12,568	0,634	-9,980	8,980	9,267	0,000	9,286	-17,822	-17,822	0,000
	3073	5	0,000	-12,866	2,624	-9,742	10,273	8,188	0,000	8,202	-15,217	-15,217	0,000
Plate_1_10	3073	1	0,000	-12,866	2,623	-9,742	10,275	8,225	0,000	8,237	-15,217	-15,217	0,000
Element 19-34 (Plate)	3070	2	0,000	-13,170	4,471	-9,498	11,448	7,208	0,000	7,208	-12,873	-12,873	0,000
(Paratia 800)	3071	3	0,000	-13,474	6,142	-9,252	12,478	6,259	0,000	6,259	-10,828	-10,828	0,000
	3072	4	0,000	-13,778	7,636	-9,003	13,365	5,382	0,000	5,382	-9,060	-9,060	0,000
	3722	5	0,000	-14,082	8,952	-8,753	14,109	4,581	0,000	4,581	-7,548	-7,548	0,000
Plate_1_10	3722	1	0,000	-14,082	8,954	-8,752	14,111	4,581	0,000	4,581	-7,548	-7,548	0,000

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
Element 19-35 (Plate)	3723	2	0,000	-14,392	10,114	-8,494	14,725	3,852	0,000	3,852	-6,245	-6,245	0,000
(Paratia 800)	3724	3	0,000	-14,701	11,097	-8,230	15,197	3,202	0,000	3,202	-5,156	-5,156	0,000
	3725	4	0,000	-15,010	11,904	-7,959	15,527	2,630	0,000	2,630	-4,255	-4,255	0,000
	4320	5	0,000	-15,320	12,533	-7,683	15,716	2,135	0,000	2,135	-3,520	-3,520	0,000
Plate_1_10	4320	1	0,000	-15,320	12,535	-7,682	15,718	2,130	0,000	2,130	-3,520	-3,520	0,000
Element 19-36 (Plate)	4321	2	0,000	-15,635	12,999	-7,392	15,768	1,692	0,000	1,692	-2,919	-2,919	0,000
(Paratia 800)	4322	3	0,000	-15,950	13,287	-7,090	15,678	1,309	0,000	1,334	-2,448	-2,448	0,007
	4323	4	0,000	-16,265	13,401	-6,777	15,447	0,978	0,000	1,042	-2,088	-2,088	0,023
	5026	5	0,000	-16,580	13,341	-6,452	15,077	0,698	0,000	0,795	-1,826	-1,826	0,039
Plate_1_10	5026	1	0,000	-16,580	13,343	-6,450	15,078	0,696	0,000	0,793	-1,826	-1,826	0,039
Element 19-37 (Plate)	5027	2	0,000	-16,901	13,108	-6,105	14,560	0,449	0,000	0,576	-1,643	-1,643	0,061
(Paratia 800)	5028	3	0,000	-17,222	12,701	-5,739	13,902	0,240	0,000	0,392	-1,534	-1,534	0,088
	5029	4	0,000	-17,543	12,123	-5,353	13,105	0,071	-0,169	0,241	-1,485	-1,485	0,110
	5832	5	0,000	-17,864	11,376	-4,946	12,170	-0,059	-0,322	0,120	-1,484	-1,484	0,125
Plate_1_10	5832	1	0,000	-17,864	11,380	-4,942	12,173	-0,051	-0,313	0,127	-1,484	-1,484	0,125
Element 19-38 (Plate)	5833	2	0,000	-18,190	10,449	-4,501	11,090	-0,161	-0,450	0,025	-1,521	-1,521	0,132
(Paratia 800)	5834	3	0,000	-18,517	9,356	-4,024	9,901	-0,197	-0,510	0,000	-1,581	-1,581	0,130
	5835	4	0,000	-18,843	8,107	-3,509	8,566	-0,181	-0,515	0,000	-1,644	-1,644	0,122
	6376	5	0,000	-19,170	6,704	-2,955	7,086	-0,136	-0,489	0,000	-1,696	-1,696	0,105
Plate_1_10	6376	1	0,000	-19,170	6,731	-2,944	7,105	0,069	-0,263	0,129	-1,696	-1,696	0,105
Element 19-39 (Plate)	6377	2	0,000	-19,502	5,127	-2,336	5,439	0,011	-0,362	0,011	-1,786	-1,787	0,080
(Paratia 800)	6378	3	0,000	-19,835	3,417	-1,650	3,658	1,570	-0,096	1,570	-1,471	-1,471	0,049
	6379	4	0,000	-20,167	1,641	-0,878	1,793	2,687	-0,082	2,689	-0,791	-0,792	0,019
	6380	5	0,000	-20,500	-0,160	-0,161	0,000	1,304	-0,022	1,319	0,000	0,000	0,000

3.1.1.1.7 Calculation results, Plate, rinfianco [Phase_9] (12/32), Table of plate force envelopes

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_1	41	1	0,000	-0,520	0,143	0,000	0,143	-0,236	-0,446	0,060	0,000	0,000	0,000
Element 1-1 (Plate)	40	2	0,000	-0,640	-0,896	-1,249	0,000	2,567	-0,069	3,887	0,151	-0,006	0,223
(Paratia 800)	39	3	0,000	-0,760	-2,252	-2,505	0,000	4,413	-0,090	7,027	0,577	-0,015	0,889
	38	4	0,000	-0,880	-3,916	-3,916	0,000	5,438	-0,086	9,078	1,177	-0,026	1,866
	198	5	0,000	-1,000	-5,877	-5,877	0,000	5,779	-0,064	10,052	1,856	-0,035	3,024
Plate_5_1	10941	1	15,360	-2,338	-15,552	-15,552	0,000	-4,825	-4,825	0,000	2,008	-0,019	2,008
Element 2-2 (Plate)	10539	2	15,360	-2,069	-11,635	-11,635	0,000	-3,161	-3,161	0,000	0,939	-0,049	0,939
(MURO ELEVAZIONE)	10540	3	15,360	-1,800	-7,981	-7,981	0,000	-1,742	-1,742	0,000	0,284	-0,080	0,284
	10541	4	15,360	-1,531	-4,538	-4,538	0,000	-0,573	-0,573	0,049	-0,022	-0,107	0,000
	10545	5	15,360	-1,261	-1,255	-1,255	0,000	0,335	0,000	0,340	-0,048	-0,098	0,000
Plate_5_1	10545	1	15,360	-1,261	-1,954	-1,954	0,000	-0,194	-0,194	0,117	-0,048	-0,098	0,000
Element 2-3 (Plate)	10389	2	15,360	-1,071	-0,737	-0,737	0,000	0,075	0,000	0,176	-0,055	-0,077	0,000
(MURO ELEVAZIONE)	10390	3	15,360	-0,881	-0,138	-0,176	0,000	0,143	0,000	0,190	-0,033	-0,042	0,000
	10391	4	15,360	-0,690	0,005	-0,050	0,005	0,091	0,000	0,111	-0,008	-0,011	0,000
	10392	5	15,360	-0,500	-0,146	-0,146	0,033	-0,003	-0,003	0,015	0,000	0,000	0,000
Plate_1_2	198	1	0,000	-1,000	-5,339	-5,339	0,000	5,081	-0,072	10,291	1,856	-0,035	3,024
Element 3-4 (Plate)	199	2	0,000	-1,250	-11,505	-11,505	0,000	8,257	-0,025	11,731	3,538	-0,047	5,741
(Paratia 800)	200	3	0,000	-1,500	-17,697	-17,697	0,000	10,511	0,000	12,250	5,910	-0,048	8,752
	201	4	0,000	-1,750	-23,833	-23,833	0,000	11,689	0,000	11,767	8,706	-0,040	11,775
	212	5	0,000	-2,000	-29,831	-29,831	0,000	11,637	0,000	11,637	11,650	-0,025	14,551
Plate_1_3	212	1	0,000	-2,000	-29,829	-29,829	0,000	11,629	0,000	11,629	11,650	-0,025	14,551
Element 4-5 (Plate)	213	2	0,000	-2,125	-32,764	-32,764	0,000	11,088	0,000	11,088	13,072	-0,016	15,770
(Paratia 800)	214	3	0,000	-2,250	-35,680	-35,680	0,000	10,267	0,000	10,267	14,410	-0,006	16,837
	215	4	0,000	-2,375	-38,578	-38,578	0,000	9,172	0,000	9,172	15,628	0,000	17,723
	276	5	0,000	-2,500	-41,461	-41,461	0,000	7,811	0,000	7,811	16,692	0,000	18,402
Plate_5_2	11141	1	15,360	-3,610	-41,265	-41,265	0,000	-18,171	-18,171	0,000	16,676	0,000	16,676

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
Element 5-6 (Plate)	10942	2	15,360	-3,292	-33,072	-33,072	0,000	-15,252	-15,252	0,000	11,328	0,000	11,328
(MURO ELEVAZIONE)	10943	3	15,360	-2,974	-26,460	-26,460	0,000	-11,609	-11,609	0,000	7,065	0,000	7,065
	10944	4	15,360	-2,656	-20,873	-20,873	0,000	-7,852	-7,852	0,000	3,956	0,000	3,956
	10941	5	15,360	-2,338	-15,752	-15,752	0,000	-4,588	-4,588	0,000	2,008	-0,019	2,008
Plate_1_4	276	1	0,000	-2,500	-41,521	-41,521	0,000	7,892	0,000	7,892	16,692	0,000	18,402
Element 6-7 (Plate)	277	2	0,000	-2,750	-47,134	-47,134	0,000	4,204	-2,237	4,204	18,222	0,000	19,022
(Paratia 800)	278	3	0,000	-3,000	-52,838	-52,838	0,000	-0,284	-7,578	0,043	18,726	0,000	18,726
	279	4	0,000	-3,250	-58,672	-58,672	0,000	-5,504	-13,810	0,014	18,019	0,000	18,019
	306	5	0,000	-3,500	-64,672	-64,672	0,000	-11,387	-20,931	0,000	15,920	0,000	15,920
Plate_1_5	306	1	0,000	-3,500	-64,673	-64,673	0,000	-11,394	-20,931	0,000	15,920	0,000	15,920
Element 7-8 (Plate)	307	2	0,000	-3,673	-68,926	-68,926	0,000	-15,832	-26,362	0,000	13,578	0,000	13,578
(Paratia 800)	308	3	0,000	-3,845	-73,269	-73,269	0,000	-20,589	-32,218	0,000	10,439	-1,598	10,439
	309	4	0,000	-4,018	-77,710	-77,710	0,000	-25,641	-38,494	0,000	6,456	-7,692	6,456
	332	5	0,000	-4,190	-82,258	-82,258	0,000	-30,964	-45,188	0,000	1,578	-14,902	1,578
Plate_5_3	11131	1	15,360	-4,493	-64,018	-64,018	0,639	-11,400	-11,400	0,000	29,180	0,000	29,180
Element 8-9 (Plate)	11125	2	15,360	-4,272	-58,966	-58,966	0,598	-12,641	-12,641	0,000	26,531	0,000	26,531
(MURO ELEVAZIONE)	11126	3	15,360	-4,052	-52,260	-52,260	0,493	-14,071	-14,071	0,000	23,583	0,000	23,583
	11127	4	15,360	-3,831	-45,194	-45,194	0,358	-15,629	-15,629	0,000	20,306	0,000	20,306
	11141	5	15,360	-3,610	-39,064	-39,064	0,227	-17,255	-17,255	0,000	16,676	0,000	16,676
Plate_1_6	332	1	0,000	-4,190	-72,078	-73,094	0,000	-48,554	-48,554	0,000	1,578	-14,902	1,578
Element 9-10 (Plate)	333	2	0,000	-4,268	-74,154	-75,079	0,000	-51,041	-51,041	0,000	-2,280	-18,490	0,006
(Paratia 800)	334	3	0,000	-4,345	-76,248	-77,079	0,000	-53,596	-53,596	0,000	-6,335	-22,327	0,000
	335	4	0,000	-4,423	-78,358	-79,092	0,000	-56,217	-56,217	0,000	-10,591	-26,416	0,000
	356	5	0,000	-4,500	-80,483	-81,116	0,000	-58,903	-58,903	0,000	-15,050	-30,764	0,000
Plate_1_7	356	1	0,000	-4,500	-80,482	-81,115	0,000	-58,906	-58,906	0,000	-15,050	-30,764	0,000
Element 10-11 (Plate)	357	2	0,000	-4,607	-83,447	-83,934	0,000	-62,704	-62,704	0,000	-21,546	-36,919	0,000
(Paratia 800)	358	3	0,000	-4,714	-86,447	-86,782	0,000	-66,615	-66,615	0,000	-28,458	-43,093	0,000
	359	4	0,000	-4,821	-89,478	-89,671	0,000	-70,639	-70,639	0,000	-35,793	-49,314	0,000
	370	5	0,000	-4,928	-92,537	-92,695	0,000	-74,776	-74,776	0,000	-43,561	-55,606	0,000

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
Plate_1_7	370	1	0,000	-4,928	-92,524	-92,682	0,000	-74,798	-74,798	0,000	-43,561	-55,606	0,000
Element 10-12 (Plate)	371	2	0,000	-5,009	-94,867	-94,999	0,000	-78,001	-78,001	0,000	-49,760	-60,433	0,000
(Paratia 800)	372	3	0,000	-5,090	-97,218	-97,324	0,000	-81,262	-81,262	0,000	-56,225	-65,313	0,000
	373	4	0,000	-5,171	-99,571	-99,650	0,000	-84,579	-84,579	0,000	-62,957	-70,246	0,000
	393	5	0,000	-5,252	-101,922	-101,973	0,000	-87,949	-87,949	0,000	-69,957	-75,234	0,000
Plate_1_7	393	1	0,000	-5,252	-101,912	-101,964	0,000	-87,926	-87,926	0,000	-69,957	-75,234	0,000
Element 10-13 (Plate)	390	2	0,000	-5,314	-103,688	-103,720	0,000	-90,542	-90,542	0,000	-75,456	-79,061	0,000
(Paratia 800)	391	3	0,000	-5,375	-105,436	-105,449	0,000	-93,121	-93,121	0,000	-81,119	-82,922	0,000
	392	4	0,000	-5,437	-107,145	-107,145	0,000	-95,577	-95,577	0,000	-86,936	-86,936	0,000
	419	5	0,000	-5,499	-108,803	-108,803	0,000	-97,827	-97,827	0,000	-92,897	-92,897	0,000
Plate_5_4	11421	1	15,360	-5,610	-82,384	-82,384	0,853	1,115	-7,069	1,115	35,373	0,000	35,373
Element 11-14 (Plate)	11132	2	15,360	-5,331	-79,692	-79,692	0,799	-2,529	-7,055	0,000	35,171	0,000	35,171
(MURO ELEVAZIONE)	11133	3	15,360	-5,052	-75,963	-75,963	0,756	-5,839	-6,773	0,000	33,990	0,000	33,990
	11134	4	15,360	-4,772	-70,941	-70,941	0,710	-8,709	-8,709	0,000	31,950	0,000	31,950
	11131	5	15,360	-4,493	-64,369	-64,369	0,649	-11,030	-11,030	0,000	29,180	0,000	29,180
Plate_1_8	419	1	0,000	-5,499	-108,854	-108,854	0,000	-96,720	-96,720	0,000	-92,897	-92,897	0,000
Element 12-15 (Plate)	416	2	0,000	-5,499	-108,852	-108,852	0,000	-96,675	-96,675	0,000	-92,927	-92,927	0,000
(Paratia 800)	417	3	0,000	-5,499	-108,850	-108,850	0,000	-96,630	-96,630	0,000	-92,957	-92,957	0,000
	418	4	0,000	-5,500	-108,848	-108,848	0,000	-96,585	-96,585	0,000	-92,988	-92,988	0,000
	452	5	0,000	-5,500	-108,845	-108,845	0,000	-96,540	-96,540	0,000	-93,018	-93,018	0,000
Plate_4_1	8735	1	9,150	-5,596	-9,516	-9,516	5,876	5,248	-5,059	5,248	0,000	0,000	0,000
Element 13-16 (Plate)	8739	2	9,463	-5,600	-14,120	-14,120	2,018	75,707	0,000	75,707	13,195	-0,297	13,195
(PLINTO)	8740	3	9,775	-5,603	-21,073	-21,073	2,866	130,030	0,000	130,030	45,558	0,000	45,558
	8741	4	10,088	-5,607	-27,464	-27,464	4,590	173,077	0,000	173,077	93,313	0,000	93,313
	9211	5	10,400	-5,610	-30,381	-30,381	3,364	209,710	0,000	209,710	153,152	0,000	153,152
Plate_2_1	9211	1	10,400	-5,610	-10,340	-10,340	9,710	-137,489	-137,489	0,000	55,965	0,000	55,965
Element 14-17 (Plate)	9212	2	10,723	-5,610	-11,036	-11,036	10,142	-106,123	-106,123	0,000	16,753	-20,273	16,753
(PLINTO)	9213	3	11,046	-5,610	-10,908	-10,908	10,522	-78,826	-78,826	0,000	-13,092	-42,574	0,000
	9214	4	11,370	-5,610	-10,244	-10,244	10,835	-54,241	-54,241	0,000	-34,503	-61,550	0,000

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
	9873	5	11,693	-5,610	-9,333	-9,333	11,061	-31,006	-43,130	0,000	-48,276	-77,166	0,000
Plate_2_1	9873	1	11,693	-5,610	-9,340	-9,340	11,057	-31,088	-43,095	0,000	-48,276	-77,166	0,000
Element 14-18 (Plate)	9877	2	12,018	-5,610	-8,400	-8,400	11,192	-8,933	-32,478	0,000	-54,759	-89,448	0,000
(PLINTO)	9878	3	12,343	-5,610	-7,703	-7,703	11,318	12,575	-21,747	12,575	-54,151	-98,263	0,000
	9879	4	12,668	-5,610	-7,316	-7,316	11,429	33,509	-10,919	33,509	-46,646	-103,576	0,000
	10405	5	12,993	-5,610	-7,307	-7,307	11,519	53,942	-0,014	53,942	-32,426	-105,353	0,000
Plate_2_1	10405	1	12,993	-5,610	-7,320	-7,320	11,524	53,930	-0,016	53,930	-32,426	-105,353	0,000
Element 14-19 (Plate)	10409	2	13,320	-5,610	-7,693	-7,693	11,620	73,889	0,000	73,889	-11,530	-103,551	0,000
(PLINTO)	10410	3	13,646	-5,610	-8,533	-8,533	11,713	93,126	0,000	93,126	15,796	-98,120	15,796
	10411	4	13,973	-5,610	-9,734	-9,734	11,811	111,497	0,000	111,497	49,259	-89,035	49,259
	10977	5	14,300	-5,610	-11,190	-11,190	11,936	128,855	0,000	128,855	88,557	-76,265	88,557
Plate_2_2	10977	1	14,300	-5,610	-0,372	-0,372	12,933	-119,504	-119,504	0,000	21,076	-78,863	21,076
Element 15-20 (Plate)	10981	2	14,565	-5,610	-1,013	-1,013	13,230	-106,932	-106,932	0,000	-8,879	-88,561	0,000
(PLINTO)	10982	3	14,830	-5,610	-1,861	-1,861	13,416	-96,312	-96,312	0,000	-35,768	-95,818	0,000
	10983	4	15,095	-5,610	-2,653	-2,653	13,530	-87,737	-87,737	0,000	-60,117	-100,644	0,000
	11421	5	15,360	-5,610	-3,128	-3,128	13,610	-81,299	-81,299	0,000	-82,459	-103,044	0,000
Plate_2_3	11421	1	15,360	-5,610	-2,152	-2,152	6,556	-0,205	-5,398	0,000	-117,833	-117,833	0,000
Element 16-21 (Plate)	11425	2	15,715	-5,610	0,285	0,000	6,610	14,616	0,000	14,616	-115,402	-115,402	0,000
(PLINTO)	11426	3	16,070	-5,610	2,594	0,000	6,643	32,703	0,000	32,703	-107,046	-108,271	0,000
	11427	4	16,425	-5,610	4,662	0,000	6,635	53,069	0,000	53,069	-91,908	-99,295	0,000
	11779	5	16,780	-5,610	6,375	0,000	6,649	74,731	0,000	74,731	-69,236	-85,994	0,000
Plate_2_3	11779	1	16,780	-5,610	6,334	0,000	6,620	74,825	0,000	74,825	-69,236	-85,994	0,000
Element 16-22 (Plate)	11783	2	17,135	-5,610	7,448	0,000	7,495	97,786	0,000	97,786	-38,636	-68,371	0,000
(PLINTO)	11784	3	17,490	-5,610	7,986	0,000	7,986	121,566	0,000	121,566	0,296	-46,410	0,296
	11785	4	17,845	-5,610	7,957	0,000	7,957	145,976	0,000	145,976	47,770	-20,112	47,770
	12431	5	18,200	-5,610	7,370	0,000	7,376	170,824	0,000	170,824	103,983	0,000	103,983
Plate_3_1	12431	1	18,200	-5,610	10,790	0,000	10,790	-92,092	-92,092	0,000	57,860	0,000	57,860
Element 17-23 (Plate)	12432	2	18,489	-5,610	10,680	0,000	10,680	-71,610	-71,610	0,000	34,179	0,000	34,179
(PLINTO)	12433	3	18,778	-5,610	8,368	0,000	8,368	-50,457	-50,457	0,000	16,511	0,000	16,511

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
	12434	4	19,068	-5,610	6,208	0,000	6,208	-28,651	-28,651	0,000	5,053	-0,444	5,053
	12877	5	19,357	-5,610	6,553	0,000	6,553	-6,209	-6,209	5,083	0,000	0,000	0,000
Plate_1_9	452	1	0,000	-5,500	-108,841	-108,841	0,000	-96,655	-96,655	0,000	-93,018	-93,018	0,000
Element 18-24 (Plate)	453	2	0,000	-5,566	-108,387	-108,387	0,000	-87,122	-87,122	0,000	-99,102	-99,102	0,000
(Paratia 800)	454	3	0,000	-5,633	-107,950	-107,950	0,000	-78,572	-78,572	0,000	-104,591	-104,591	0,000
	455	4	0,000	-5,699	-107,531	-107,531	0,000	-70,885	-70,885	0,000	-109,541	-109,541	0,000
	710	5	0,000	-5,765	-107,129	-107,129	0,000	-63,946	-63,946	0,000	-114,006	-114,006	0,000
Plate_1_9	710	1	0,000	-5,765	-107,128	-107,128	0,000	-63,842	-63,842	0,000	-114,006	-114,006	0,000
Element 18-25 (Plate)	711	2	0,000	-5,847	-106,649	-106,649	0,000	-55,808	-55,808	0,000	-118,903	-118,903	0,000
(Paratia 800)	712	3	0,000	-5,929	-106,188	-106,188	0,000	-48,340	-48,340	0,000	-123,168	-123,168	0,000
	713	4	0,000	-6,011	-105,742	-105,742	0,000	-41,415	-41,415	0,000	-126,843	-126,843	0,000
	1118	5	0,000	-6,093	-105,314	-105,314	0,000	-35,013	-35,013	0,000	-129,970	-129,970	0,000
Plate_1_9	1118	1	0,000	-6,093	-105,312	-105,312	0,000	-34,982	-34,982	0,000	-129,970	-129,970	0,000
Element 18-26 (Plate)	1119	2	0,000	-6,194	-104,801	-104,801	0,000	-27,674	-27,674	0,000	-133,138	-133,138	0,000
(Paratia 800)	1120	3	0,000	-6,296	-104,308	-104,308	0,000	-20,929	-20,929	0,000	-135,595	-135,595	0,000
	1121	4	0,000	-6,397	-103,832	-103,832	0,000	-14,737	-14,737	2,389	-137,398	-137,398	0,000
	1552	5	0,000	-6,498	-103,373	-103,373	0,000	-9,082	-9,082	5,014	-138,599	-138,599	0,000
Plate_1_9	1552	1	0,000	-6,498	-103,371	-103,371	0,000	-9,051	-9,051	5,037	-138,599	-138,599	0,000
Element 18-27 (Plate)	1553	2	0,000	-6,623	-102,825	-102,825	0,000	-2,707	-2,707	7,840	-139,329	-139,329	0,000
(Paratia 800)	1554	3	0,000	-6,749	-102,297	-102,297	0,000	3,014	0,000	11,587	-139,303	-139,303	0,000
	1555	4	0,000	-6,874	-101,787	-101,787	0,000	8,124	0,000	15,166	-138,599	-138,599	0,000
	1898	5	0,000	-6,999	-101,295	-101,295	0,000	12,637	0,000	18,266	-137,293	-137,294	0,000
Plate_1_9	1898	1	0,000	-6,999	-101,293	-101,293	0,000	12,670	0,000	18,300	-137,293	-137,294	0,000
Element 18-28 (Plate)	1899	2	0,000	-7,154	-100,706	-100,706	0,000	17,525	0,000	21,611	-134,948	-134,948	0,000
(Paratia 800)	1900	3	0,000	-7,309	-100,135	-100,135	0,000	21,674	0,000	24,270	-131,905	-131,905	0,000
	1901	4	0,000	-7,463	-99,579	-99,579	0,000	25,134	0,000	26,297	-128,273	-128,273	0,000
	2170	5	0,000	-7,618	-99,040	-99,040	0,000	27,922	0,000	27,922	-124,159	-124,159	0,000
Plate_1_9	2170	1	0,000	-7,618	-99,037	-99,037	0,000	27,969	0,000	27,969	-124,159	-124,159	0,000
Element 18-29 (Plate)	2171	2	0,000	-7,809	-98,384	-98,384	0,000	30,615	0,000	30,615	-118,544	-118,544	0,000

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
(Paratia 800)	2172	3	0,000	-8,001	-97,740	-97,740	0,000	32,530	0,000	32,530	-112,491	-112,491	0,000
	2173	4	0,000	-8,192	-97,104	-97,104	0,000	33,750	0,000	33,750	-106,138	-106,138	0,000
	2194	5	0,000	-8,383	-96,476	-96,476	0,000	34,309	0,000	34,309	-99,619	-99,619	0,000
Plate_1_9	2194	1	0,000	-8,383	-96,473	-96,473	0,000	34,371	0,000	34,371	-99,619	-99,619	0,000
Element 18-30 (Plate)	2195	2	0,000	-8,620	-95,698	-95,698	0,000	34,339	0,000	34,339	-91,483	-91,483	0,000
(Paratia 800)	2196	3	0,000	-8,856	-94,919	-94,919	0,000	33,730	0,000	33,730	-83,423	-83,423	0,000
	2197	4	0,000	-9,093	-94,135	-94,135	0,000	32,591	0,000	32,591	-75,568	-75,568	0,000
	2342	5	0,000	-9,329	-93,347	-93,347	0,000	30,969	0,000	30,969	-68,045	-68,045	0,000
Plate_1_9	2342	1	0,000	-9,329	-93,347	-93,347	0,000	31,025	0,000	31,025	-68,045	-68,045	0,000
Element 18-31 (Plate)	2343	2	0,000	-9,622	-92,353	-92,353	0,000	28,587	-0,016	28,587	-59,324	-59,324	0,000
(Paratia 800)	2344	3	0,000	-9,914	-91,344	-91,344	0,000	25,832	-0,062	25,832	-51,363	-51,363	0,000
	2345	4	0,000	-10,206	-90,324	-90,324	0,000	22,840	-0,112	22,840	-44,240	-44,240	0,000
	2384	5	0,000	-10,499	-89,294	-89,294	0,000	19,693	-0,183	19,693	-38,023	-39,584	0,000
Plate_1_10	2384	1	0,000	-10,499	-89,294	-89,294	0,000	19,857	-0,199	19,857	-38,023	-39,584	0,000
Element 19-32 (Plate)	2385	2	0,000	-10,792	-87,343	-87,343	0,000	18,216	-0,170	18,216	-32,439	-37,165	0,000
(Paratia 800)	2386	3	0,000	-11,085	-85,371	-85,371	0,590	16,515	-0,134	16,515	-27,345	-34,123	0,000
	2387	4	0,000	-11,379	-83,379	-83,379	2,514	14,775	-0,097	14,782	-22,754	-30,751	0,000
	2970	5	0,000	-11,672	-81,369	-81,369	4,296	13,014	-0,065	13,075	-18,681	-27,333	0,000
Plate_1_10	2970	1	0,000	-11,672	-81,368	-81,368	4,297	13,043	-0,067	13,113	-18,681	-27,333	0,000
Element 19-33 (Plate)	2971	2	0,000	-11,970	-79,299	-79,299	5,966	11,314	-0,038	11,438	-15,048	-23,931	0,000
(Paratia 800)	2972	3	0,000	-12,269	-77,209	-77,209	7,542	9,721	-0,013	10,283	-11,912	-20,743	0,000
	2973	4	0,000	-12,568	-75,100	-75,100	8,980	8,278	0,000	9,286	-9,227	-17,822	0,000
	3073	5	0,000	-12,866	-72,974	-72,974	10,273	6,998	0,000	8,202	-6,952	-15,217	0,000
Plate_1_10	3073	1	0,000	-12,866	-72,972	-72,972	10,275	6,992	0,000	8,237	-6,952	-15,217	0,000
Element 19-34 (Plate)	3070	2	0,000	-13,170	-70,790	-70,790	11,448	5,863	0,000	7,208	-5,002	-12,873	0,000
(Paratia 800)	3071	3	0,000	-13,474	-68,585	-68,585	12,478	4,876	0,000	6,259	-3,373	-10,828	0,000
	3072	4	0,000	-13,778	-66,358	-66,358	13,365	4,026	0,000	5,382	-2,023	-9,060	0,000
	3722	5	0,000	-14,082	-64,109	-64,109	14,109	3,305	0,000	4,581	-0,913	-7,548	0,000
Plate_1_10	3722	1	0,000	-14,082	-64,105	-64,105	14,111	3,294	0,000	4,581	-0,913	-7,548	0,000

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
Element 19-35 (Plate)	3723	2	0,000	-14,392	-61,788	-61,788	14,725	2,660	0,000	3,852	0,006	-6,245	0,006
(Paratia 800)	3724	3	0,000	-14,701	-59,433	-59,433	15,197	2,104	0,000	3,202	0,742	-5,156	0,742
	3725	4	0,000	-15,010	-57,041	-57,041	15,527	1,624	0,000	2,630	1,317	-4,255	1,317
	4320	5	0,000	-15,320	-54,613	-54,613	15,716	1,214	0,000	2,135	1,754	-3,520	1,754
Plate_1_10	4320	1	0,000	-15,320	-54,608	-54,608	15,718	1,207	0,000	2,130	1,754	-3,520	1,754
Element 19-36 (Plate)	4321	2	0,000	-15,635	-52,090	-52,090	15,768	0,839	0,000	1,692	2,075	-2,919	2,075
(Paratia 800)	4322	3	0,000	-15,950	-49,514	-49,514	15,678	0,507	0,000	1,334	2,287	-2,448	2,287
	4323	4	0,000	-16,265	-46,879	-46,879	15,447	0,208	0,000	1,042	2,398	-2,088	2,398
	5026	5	0,000	-16,580	-44,187	-44,187	15,077	-0,060	-0,091	0,795	2,421	-1,826	2,421
Plate_1_10	5026	1	0,000	-16,580	-44,179	-44,179	15,078	-0,063	-0,094	0,793	2,421	-1,826	2,421
Element 19-37 (Plate)	5027	2	0,000	-16,901	-41,367	-41,367	14,560	-0,317	-0,332	0,576	2,359	-1,643	2,359
(Paratia 800)	5028	3	0,000	-17,222	-38,465	-38,465	13,902	-0,553	-0,553	0,392	2,219	-1,534	2,219
	5029	4	0,000	-17,543	-35,471	-35,471	13,105	-0,770	-0,770	0,241	2,006	-1,485	2,006
	5832	5	0,000	-17,864	-32,386	-32,386	12,170	-0,966	-0,966	0,120	1,728	-1,484	1,728
Plate_1_10	5832	1	0,000	-17,864	-32,371	-32,371	12,173	-0,961	-0,961	0,127	1,728	-1,484	1,728
Element 19-38 (Plate)	5833	2	0,000	-18,190	-29,119	-29,119	11,090	-1,143	-1,143	0,025	1,382	-1,521	1,382
(Paratia 800)	5834	3	0,000	-18,517	-25,713	-25,713	9,901	-1,264	-1,264	0,000	0,988	-1,581	0,988
	5835	4	0,000	-18,843	-22,150	-22,150	8,566	-1,333	-1,333	0,000	0,562	-1,644	0,562
	6376	5	0,000	-19,170	-18,426	-18,426	7,086	-1,359	-1,359	0,000	0,122	-1,696	0,122
Plate_1_10	6376	1	0,000	-19,170	-18,355	-18,355	7,105	-1,165	-1,165	0,129	0,122	-1,696	0,122
Element 19-39 (Plate)	6377	2	0,000	-19,502	-14,422	-14,422	5,439	-1,180	-1,180	0,011	-0,307	-1,787	0,080
(Paratia 800)	6378	3	0,000	-19,835	-10,120	-10,120	3,658	-0,328	-0,328	1,570	-0,557	-1,471	0,049
	6379	4	0,000	-20,167	-5,392	-5,392	1,793	0,879	-0,082	2,689	-0,486	-0,792	0,019
	6380	5	0,000	-20,500	-0,180	-0,180	0,000	1,928	-0,022	1,931	0,000	0,000	0,000

3.1.1.1.8 Calculation results, Plate, Versante - fase B [Phase_10] (10/36), Table of plate force envelopes

Structural element	Node [10^3]	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_1	41	1	0,000	-0,520	0,128	0,000	0,143	4,864	-0,446	4,864	0,000	0,000	0,000
Element 1-1 (Plate)	40	2	0,000	-0,640	-0,082	-1,249	0,000	2,173	-0,069	3,887	0,404	-0,006	0,404
(Paratia 800)	39	3	0,000	-0,760	-0,825	-2,505	0,000	1,725	-0,090	7,027	0,609	-0,015	0,889
	38	4	0,000	-0,880	-2,042	-3,916	0,000	3,887	-0,086	9,078	0,922	-0,026	1,866
	198	5	0,000	-1,000	-3,675	-5,877	0,000	9,025	-0,064	10,052	1,663	-0,035	3,024
Plate_5_1	10941	1	15,360	-2,338	-15,174	-15,552	0,000	-7,590	-7,590	0,000	4,823	-0,019	4,823
Element 2-2 (Plate)	10539	2	15,360	-2,069	-11,240	-11,635	0,000	-5,599	-5,599	0,000	3,053	-0,049	3,053
(MURO ELEVAZIONE)	10540	3	15,360	-1,800	-7,588	-7,981	0,000	-3,831	-3,831	0,000	1,789	-0,080	1,789
	10541	4	15,360	-1,531	-4,169	-4,538	0,000	-2,298	-2,298	0,049	0,969	-0,107	0,969
	10545	5	15,360	-1,261	-0,930	-1,255	0,000	-1,011	-1,011	0,340	0,529	-0,098	0,529
Plate_5_1	10545	1	15,360	-1,261	-1,627	-1,954	0,000	-1,540	-1,540	0,117	0,529	-0,098	0,529
Element 2-3 (Plate)	10389	2	15,360	-1,071	-0,456	-0,737	0,000	-0,992	-0,992	0,176	0,293	-0,077	0,293
(MURO ELEVAZIONE)	10390	3	15,360	-0,881	0,079	-0,176	0,079	-0,636	-0,636	0,190	0,139	-0,042	0,139
	10391	4	15,360	-0,690	0,153	-0,050	0,153	-0,369	-0,369	0,111	0,045	-0,011	0,045
	10392	5	15,360	-0,500	-0,061	-0,146	0,033	-0,089	-0,089	0,015	0,000	0,000	0,000
Plate_1_2	198	1	0,000	-1,000	-3,228	-5,339	0,000	8,927	-0,072	10,291	1,663	-0,035	3,024
Element 3-4 (Plate)	199	2	0,000	-1,250	-8,401	-11,505	0,000	18,643	-0,025	18,643	5,206	-0,047	5,741
(Paratia 800)	200	3	0,000	-1,500	-13,659	-17,697	0,000	23,776	0,000	23,776	10,601	-0,048	10,601
	201	4	0,000	-1,750	-18,934	-23,833	0,000	24,454	0,000	24,454	16,726	-0,040	16,726
	212	5	0,000	-2,000	-24,158	-29,831	0,000	20,809	0,000	20,809	22,470	-0,025	22,470
Plate_1_3	212	1	0,000	-2,000	-24,169	-29,829	0,000	20,919	0,000	20,919	22,470	-0,025	22,470
Element 4-5 (Plate)	213	2	0,000	-2,125	-26,767	-32,764	0,000	16,837	0,000	16,837	24,834	-0,016	24,834
(Paratia 800)	214	3	0,000	-2,250	-29,377	-35,680	0,000	12,334	0,000	12,334	26,661	-0,006	26,661
	215	4	0,000	-2,375	-32,000	-38,578	0,000	7,420	0,000	9,172	27,901	0,000	27,901
	276	5	0,000	-2,500	-34,639	-41,461	0,000	2,109	0,000	7,811	28,500	0,000	28,500
Plate_5_2	11141	1	15,360	-3,610	-42,446	-42,446	0,000	-27,130	-27,130	0,000	27,774	0,000	27,774

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Element 5-6 (Plate)	10942	2	15,360	-3,292	-33,529	-33,529	0,000	-23,066	-23,066	0,000	19,779	0,000	19,779
(MURO ELEVAZIONE)	10943	3	15,360	-2,974	-27,097	-27,097	0,000	-18,418	-18,418	0,000	13,168	0,000	13,168
	10944	4	15,360	-2,656	-21,688	-21,688	0,000	-13,210	-13,210	0,000	8,123	0,000	8,123
	10941	5	15,360	-2,338	-15,836	-15,860	0,000	-7,468	-7,468	0,000	4,823	-0,019	4,823
Plate_1_4	276	1	0,000	-2,500	-34,691	-41,521	0,000	2,207	0,000	7,892	28,500	0,000	28,500
Element 6-7 (Plate)	277	2	0,000	-2,750	-39,924	-47,134	0,000	-11,679	-11,679	4,204	27,339	0,000	27,339
(Paratia 800)	278	3	0,000	-3,000	-45,405	-52,838	0,000	-26,526	-26,526	0,043	22,578	0,000	22,578
	279	4	0,000	-3,250	-51,175	-58,672	0,000	-42,239	-42,239	0,014	14,001	0,000	18,019
	306	5	0,000	-3,500	-57,270	-64,672	0,000	-58,725	-58,725	0,000	1,397	0,000	15,920
Plate_1_5	306	1	0,000	-3,500	-57,201	-64,673	0,000	-58,729	-58,729	0,000	1,397	0,000	15,920
Element 7-8 (Plate)	307	2	0,000	-3,673	-61,762	-68,926	0,000	-69,984	-69,984	0,000	-9,697	-9,697	13,578
(Paratia 800)	308	3	0,000	-3,845	-66,207	-73,269	0,000	-81,570	-81,570	0,000	-22,768	-22,768	10,439
	309	4	0,000	-4,018	-70,543	-77,710	0,000	-93,461	-93,461	0,000	-37,863	-37,863	6,456
	332	5	0,000	-4,190	-74,778	-82,258	0,000	-105,629	-105,629	0,000	-55,027	-55,027	1,578
Plate_5_3	11131	1	15,360	-4,493	-64,720	-64,720	0,639	-22,824	-22,824	0,000	49,001	0,000	49,001
Element 8-9 (Plate)	11125	2	15,360	-4,272	-59,562	-59,562	0,598	-23,218	-23,218	0,000	43,927	0,000	43,927
(MURO ELEVAZIONE)	11126	3	15,360	-4,052	-52,686	-52,686	0,493	-23,923	-23,923	0,000	38,722	0,000	38,722
	11127	4	15,360	-3,831	-45,591	-45,591	0,358	-24,792	-24,792	0,000	33,347	0,000	33,347
	11141	5	15,360	-3,610	-39,771	-39,771	0,227	-25,677	-25,677	0,000	27,774	0,000	27,774
Plate_1_6	332	1	0,000	-4,190	-73,595	-73,595	0,000	-107,680	-107,680	0,000	-55,027	-55,027	1,578
Element 9-10 (Plate)	333	2	0,000	-4,268	-75,458	-75,458	0,000	-113,252	-113,252	0,000	-63,586	-63,586	0,006
(Paratia 800)	334	3	0,000	-4,345	-77,297	-77,297	0,000	-118,898	-118,898	0,000	-72,583	-72,583	0,000
	335	4	0,000	-4,423	-79,109	-79,109	0,000	-124,612	-124,612	0,000	-82,021	-82,021	0,000
	356	5	0,000	-4,500	-80,893	-81,116	0,000	-130,392	-130,392	0,000	-91,900	-91,900	0,000
Plate_1_7	356	1	0,000	-4,500	-80,893	-81,115	0,000	-130,398	-130,398	0,000	-91,900	-91,900	0,000
Element 10-11 (Plate)	357	2	0,000	-4,607	-83,318	-83,934	0,000	-138,160	-138,160	0,000	-106,246	-106,246	0,000
(Paratia 800)	358	3	0,000	-4,714	-85,699	-86,782	0,000	-146,050	-146,050	0,000	-121,437	-121,437	0,000
	359	4	0,000	-4,821	-88,034	-89,671	0,000	-154,066	-154,066	0,000	-137,477	-137,477	0,000
	370	5	0,000	-4,928	-90,318	-92,695	0,000	-162,205	-162,205	0,000	-154,374	-154,374	0,000

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
Plate_1_7	370	1	0,000	-4,928	-90,307	-92,682	0,000	-162,233	-162,233	0,000	-154,374	-154,374	0,000
Element 10-12 (Plate)	371	2	0,000	-5,009	-92,013	-94,999	0,000	-168,492	-168,492	0,000	-167,792	-167,792	0,000
(Paratia 800)	372	3	0,000	-5,090	-93,688	-97,324	0,000	-174,837	-174,837	0,000	-181,728	-181,728	0,000
	373	4	0,000	-5,171	-95,329	-99,650	0,000	-181,268	-181,268	0,000	-196,183	-196,183	0,000
	393	5	0,000	-5,252	-96,934	-101,973	0,000	-187,783	-187,783	0,000	-211,157	-211,157	0,000
Plate_1_7	393	1	0,000	-5,252	-96,935	-101,964	0,000	-187,785	-187,785	0,000	-211,157	-211,157	0,000
Element 10-13 (Plate)	390	2	0,000	-5,314	-98,119	-103,720	0,000	-192,813	-192,813	0,000	-222,884	-222,884	0,000
(Paratia 800)	391	3	0,000	-5,375	-99,283	-105,449	0,000	-197,896	-197,896	0,000	-234,928	-234,928	0,000
	392	4	0,000	-5,437	-100,427	-107,145	0,000	-203,031	-203,031	0,000	-247,288	-247,288	0,000
	419	5	0,000	-5,499	-101,549	-108,803	0,000	-208,212	-208,212	0,000	-259,960	-259,960	0,000
Plate_5_4	11421	1	15,360	-5,610	-84,138	-84,138	0,853	-13,468	-13,468	1,115	69,911	0,000	69,911
Element 11-14 (Plate)	11132	2	15,360	-5,331	-81,243	-81,243	0,799	-16,587	-16,587	0,000	65,703	0,000	65,703
(MURO ELEVAZIONE)	11133	3	15,360	-5,052	-77,272	-77,272	0,756	-19,119	-19,119	0,000	60,704	0,000	60,704
	11134	4	15,360	-4,772	-71,978	-71,978	0,710	-21,059	-21,059	0,000	55,080	0,000	55,080
	11131	5	15,360	-4,493	-65,113	-65,113	0,649	-22,401	-22,401	0,000	49,001	0,000	49,001
Plate_1_8	419	1	0,000	-5,499	-101,507	-108,854	0,000	-208,299	-208,299	0,000	-259,960	-259,960	0,000
Element 12-15 (Plate)	416	2	0,000	-5,499	-101,507	-108,852	0,000	-208,219	-208,219	0,000	-260,025	-260,025	0,000
(Paratia 800)	417	3	0,000	-5,499	-101,506	-108,850	0,000	-208,140	-208,140	0,000	-260,090	-260,090	0,000
	418	4	0,000	-5,500	-101,505	-108,848	0,000	-208,061	-208,061	0,000	-260,155	-260,155	0,000
	452	5	0,000	-5,500	-101,504	-108,845	0,000	-207,982	-207,982	0,000	-260,220	-260,220	0,000
Plate_4_1	8735	1	9,150	-5,596	-24,677	-24,677	5,876	17,413	-5,059	17,413	0,000	0,000	0,000
Element 13-16 (Plate)	8739	2	9,463	-5,600	-29,538	-29,538	2,018	106,302	0,000	106,302	19,970	-0,297	19,970
(PLINTO)	8740	3	9,775	-5,603	-42,207	-42,207	2,866	177,413	0,000	177,413	64,477	0,000	64,477
	8741	4	10,088	-5,607	-55,309	-55,309	4,590	237,579	0,000	237,579	129,746	0,000	129,746
	9211	5	10,400	-5,610	-61,467	-61,467	3,364	293,633	0,000	293,633	212,660	0,000	212,660
Plate_2_1	9211	1	10,400	-5,610	-28,407	-28,407	9,710	-206,948	-206,948	0,000	58,345	0,000	60,686
Element 14-17 (Plate)	9212	2	10,723	-5,610	-30,799	-30,799	10,142	-158,000	-158,000	0,000	-0,415	-20,273	16,753
(PLINTO)	9213	3	11,046	-5,610	-33,162	-33,162	10,522	-114,672	-114,672	0,000	-44,419	-44,419	0,000
	9214	4	11,370	-5,610	-35,014	-35,014	10,835	-75,115	-75,115	0,000	-74,961	-74,961	0,000

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
	9873	5	11,693	-5,610	-35,874	-35,874	11,061	-37,476	-43,130	0,000	-93,149	-93,149	0,000
Plate_2_1	9873	1	11,693	-5,610	-36,054	-36,054	11,057	-37,728	-43,095	0,000	-93,149	-93,149	0,000
Element 14-18 (Plate)	9877	2	12,018	-5,610	-36,673	-36,673	11,192	-2,112	-32,478	0,000	-99,583	-99,583	0,000
(PLINTO)	9878	3	12,343	-5,610	-37,460	-37,460	11,318	32,265	-21,747	32,265	-94,656	-98,263	0,000
	9879	4	12,668	-5,610	-38,429	-38,429	11,429	65,633	-10,919	65,633	-78,715	-103,576	0,000
	10405	5	12,993	-5,610	-39,599	-39,599	11,519	98,223	-0,014	98,223	-52,079	-105,353	0,000
Plate_2_1	10405	1	12,993	-5,610	-39,626	-39,626	11,524	98,197	-0,016	98,197	-52,079	-105,353	0,000
Element 14-19 (Plate)	10409	2	13,320	-5,610	-41,035	-41,035	11,620	130,177	0,000	130,177	-14,750	-103,551	0,000
(PLINTO)	10410	3	13,646	-5,610	-42,814	-42,814	11,713	161,367	0,000	161,367	32,925	-98,120	32,925
	10411	4	13,973	-5,610	-44,790	-44,790	11,811	191,761	0,000	191,761	90,660	-89,035	90,660
	10977	5	14,300	-5,610	-46,793	-46,793	11,936	221,355	0,000	221,355	158,173	-76,265	158,173
Plate_2_2	10977	1	14,300	-5,610	-21,987	-21,987	12,933	-163,407	-163,407	0,000	43,857	-78,863	43,857
Element 15-20 (Plate)	10981	2	14,565	-5,610	-22,575	-22,575	13,230	-141,095	-141,095	0,000	3,571	-88,561	4,398
(PLINTO)	10982	3	14,830	-5,610	-23,321	-23,321	13,416	-121,136	-121,136	0,000	-31,130	-95,818	0,000
	10983	4	15,095	-5,610	-23,935	-23,935	13,530	-103,520	-103,520	0,000	-60,853	-100,644	0,000
	11421	5	15,360	-5,610	-24,126	-24,126	13,610	-88,236	-88,790	0,000	-86,203	-103,044	0,000
Plate_2_3	11421	1	15,360	-5,610	-37,671	-37,671	6,556	-5,438	-6,321	0,000	-156,114	-156,114	0,000
Element 16-21 (Plate)	11425	2	15,715	-5,610	-34,594	-34,594	6,610	20,678	0,000	20,678	-153,538	-153,538	0,000
(PLINTO)	11426	3	16,070	-5,610	-31,568	-31,568	6,643	50,032	0,000	50,032	-141,025	-141,025	0,000
	11427	4	16,425	-5,610	-28,682	-28,682	6,635	81,607	0,000	81,607	-117,744	-117,744	0,000
	11779	5	16,780	-5,610	-26,023	-26,023	6,649	114,384	0,000	114,384	-82,967	-85,994	0,000
Plate_2_3	11779	1	16,780	-5,610	-26,166	-26,166	6,620	114,483	0,000	114,483	-82,967	-85,994	0,000
Element 16-22 (Plate)	11783	2	17,135	-5,610	-23,735	-23,735	7,495	148,506	0,000	148,506	-36,323	-68,371	0,000
(PLINTO)	11784	3	17,490	-5,610	-21,919	-21,919	7,986	183,239	0,000	183,239	22,563	-46,410	22,563
	11785	4	17,845	-5,610	-20,319	-20,319	7,957	218,567	0,000	218,567	93,877	-20,112	93,877
	12431	5	18,200	-5,610	-18,533	-18,533	7,376	254,372	0,000	254,372	177,796	0,000	177,796
Plate_3_1	12431	1	18,200	-5,610	-0,694	-0,694	10,790	-144,523	-144,523	0,000	95,249	0,000	95,249
Element 17-23 (Plate)	12432	2	18,489	-5,610	0,755	0,000	10,680	-113,518	-113,518	0,000	58,023	0,000	58,023
(PLINTO)	12433	3	18,778	-5,610	0,073	0,000	8,368	-83,316	-83,316	0,000	29,485	0,000	29,485

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
	12434	4	19,068	-5,610	0,873	0,000	6,208	-51,659	-51,659	0,000	9,966	-0,444	9,966
	12877	5	19,357	-5,610	6,774	0,000	6,775	-16,288	-16,288	5,083	0,000	0,000	0,000
Plate_1_9	452	1	0,000	-5,500	-101,499	-108,841	0,000	-207,357	-207,357	0,000	-260,220	-260,220	0,000
Element 18-24 (Plate)	453	2	0,000	-5,566	-101,343	-108,387	0,000	-187,224	-187,224	0,000	-273,285	-273,285	0,000
(Paratia 800)	454	3	0,000	-5,633	-101,182	-107,950	0,000	-168,856	-168,856	0,000	-285,083	-285,083	0,000
	455	4	0,000	-5,699	-101,018	-107,531	0,000	-152,055	-152,055	0,000	-295,713	-295,713	0,000
	710	5	0,000	-5,765	-100,850	-107,129	0,000	-136,624	-136,624	0,000	-305,273	-305,273	0,000
Plate_1_9	710	1	0,000	-5,765	-100,850	-107,128	0,000	-136,452	-136,452	0,000	-305,273	-305,273	0,000
Element 18-25 (Plate)	711	2	0,000	-5,847	-100,633	-106,649	0,000	-118,463	-118,463	0,000	-315,708	-315,708	0,000
(Paratia 800)	712	3	0,000	-5,929	-100,409	-106,188	0,000	-101,586	-101,586	0,000	-324,719	-324,719	0,000
	713	4	0,000	-6,011	-100,178	-105,742	0,000	-85,795	-85,795	0,000	-332,391	-332,391	0,000
	1118	5	0,000	-6,093	-99,940	-105,314	0,000	-71,064	-71,064	0,000	-338,810	-338,810	0,000
Plate_1_9	1118	1	0,000	-6,093	-99,941	-105,312	0,000	-71,016	-71,016	0,000	-338,810	-338,810	0,000
Element 18-26 (Plate)	1119	2	0,000	-6,194	-99,637	-104,801	0,000	-54,083	-54,083	0,000	-345,134	-345,134	0,000
(Paratia 800)	1120	3	0,000	-6,296	-99,324	-104,308	0,000	-38,408	-38,408	0,000	-349,808	-349,808	0,000
	1121	4	0,000	-6,397	-99,004	-103,832	0,000	-23,980	-23,980	2,389	-352,959	-352,959	0,000
	1552	5	0,000	-6,498	-98,677	-103,373	0,000	-10,787	-10,787	5,014	-354,709	-354,709	0,000
Plate_1_9	1552	1	0,000	-6,498	-98,679	-103,371	0,000	-10,755	-10,755	5,037	-354,709	-354,709	0,000
Element 18-27 (Plate)	1553	2	0,000	-6,623	-98,266	-102,825	0,000	3,971	-2,707	7,840	-355,116	-355,116	0,000
(Paratia 800)	1554	3	0,000	-6,749	-97,852	-102,297	0,000	17,054	0,000	17,054	-353,782	-353,782	0,000
	1555	4	0,000	-6,874	-97,438	-101,787	0,000	28,519	0,000	28,519	-350,912	-350,912	0,000
	1898	5	0,000	-6,999	-97,025	-101,295	0,000	38,391	0,000	38,391	-346,707	-346,707	0,000
Plate_1_9	1898	1	0,000	-6,999	-97,026	-101,293	0,000	38,518	0,000	38,518	-346,707	-346,707	0,000
Element 18-28 (Plate)	1899	2	0,000	-7,154	-96,521	-100,706	0,000	48,810	0,000	48,810	-339,928	-339,928	0,000
(Paratia 800)	1900	3	0,000	-7,309	-96,022	-100,135	0,000	57,422	0,000	57,422	-331,685	-331,685	0,000
	1901	4	0,000	-7,463	-95,529	-99,579	0,000	64,411	0,000	64,411	-322,233	-322,233	0,000
	2170	5	0,000	-7,618	-95,042	-99,040	0,000	69,836	0,000	69,836	-311,826	-311,826	0,000
Plate_1_9	2170	1	0,000	-7,618	-95,042	-99,037	0,000	70,001	0,000	70,001	-311,826	-311,826	0,000
Element 18-29 (Plate)	2171	2	0,000	-7,809	-94,449	-98,384	0,000	75,012	0,000	75,012	-297,934	-297,934	0,000

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
(Paratia 800)	2172	3	0,000	-8,001	-93,866	-97,740	0,000	78,633	0,000	78,633	-283,212	-283,212	0,000
	2173	4	0,000	-8,192	-93,293	-97,104	0,000	80,949	0,000	80,949	-267,921	-267,921	0,000
	2194	5	0,000	-8,383	-92,731	-96,476	0,000	82,045	0,000	82,045	-252,315	-252,315	0,000
Plate_1_9	2194	1	0,000	-8,383	-92,732	-96,473	0,000	82,203	0,000	82,203	-252,315	-252,315	0,000
Element 18-30 (Plate)	2195	2	0,000	-8,620	-92,052	-95,698	0,000	82,429	0,000	82,429	-232,834	-232,834	0,000
(Paratia 800)	2196	3	0,000	-8,856	-91,393	-94,919	0,000	81,828	0,000	81,828	-213,393	-213,393	0,000
	2197	4	0,000	-9,093	-90,756	-94,135	0,000	80,482	0,000	80,482	-194,179	-194,179	0,000
	2342	5	0,000	-9,329	-90,142	-93,347	0,000	78,471	0,000	78,471	-175,376	-175,376	0,000
Plate_1_9	2342	1	0,000	-9,329	-90,144	-93,347	0,000	78,356	0,000	78,356	-175,376	-175,376	0,000
Element 18-31 (Plate)	2343	2	0,000	-9,622	-89,414	-92,353	0,000	75,461	-0,016	75,461	-152,873	-152,873	0,000
(Paratia 800)	2344	3	0,000	-9,914	-88,725	-91,344	0,000	71,387	-0,062	71,387	-131,369	-131,369	0,000
	2345	4	0,000	-10,206	-88,079	-90,324	0,000	65,971	-0,112	65,971	-111,256	-111,256	0,000
	2384	5	0,000	-10,499	-87,479	-89,294	0,000	59,050	-0,183	59,050	-92,946	-92,946	0,000
Plate_1_10	2384	1	0,000	-10,499	-87,478	-89,294	0,000	58,278	-0,199	58,278	-92,946	-92,946	0,000
Element 19-32 (Plate)	2385	2	0,000	-10,792	-86,250	-87,343	0,000	49,200	-0,170	49,200	-77,231	-77,231	0,000
(Paratia 800)	2386	3	0,000	-11,085	-85,028	-85,371	0,590	41,630	-0,134	41,630	-63,939	-63,939	0,000
	2387	4	0,000	-11,379	-83,809	-83,809	2,514	35,380	-0,097	35,380	-52,679	-52,679	0,000
	2970	5	0,000	-11,672	-82,592	-82,592	4,296	30,262	-0,065	30,262	-43,079	-43,079	0,000
Plate_1_10	2970	1	0,000	-11,672	-82,583	-82,583	4,297	30,112	-0,067	30,112	-43,079	-43,079	0,000
Element 19-33 (Plate)	2971	2	0,000	-11,970	-81,318	-81,318	5,966	25,458	-0,038	25,458	-34,798	-34,798	0,000
(Paratia 800)	2972	3	0,000	-12,269	-80,004	-80,004	7,542	21,334	-0,013	21,334	-27,825	-27,825	0,000
	2973	4	0,000	-12,568	-78,641	-78,641	8,980	17,746	0,000	17,746	-22,002	-22,002	0,000
	3073	5	0,000	-12,866	-77,229	-77,229	10,273	14,704	0,000	14,704	-17,173	-17,173	0,000
Plate_1_10	3073	1	0,000	-12,866	-77,223	-77,223	10,275	14,669	0,000	14,669	-17,173	-17,173	0,000
Element 19-34 (Plate)	3070	2	0,000	-13,170	-75,724	-75,724	11,448	12,043	0,000	12,043	-13,124	-13,124	0,000
(Paratia 800)	3071	3	0,000	-13,474	-74,149	-74,149	12,478	9,795	0,000	9,795	-9,813	-10,828	0,000
	3072	4	0,000	-13,778	-72,498	-72,498	13,365	7,907	0,000	7,907	-7,131	-9,060	0,000
	3722	5	0,000	-14,082	-70,772	-70,772	14,109	6,358	0,000	6,358	-4,971	-7,548	0,000
Plate_1_10	3722	1	0,000	-14,082	-70,766	-70,766	14,111	6,330	0,000	6,330	-4,971	-7,548	0,000

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
Element 19-35 (Plate)	3723	2	0,000	-14,392	-68,919	-68,919	14,725	5,009	0,000	5,009	-3,223	-6,245	0,006
(Paratia 800)	3724	3	0,000	-14,701	-66,967	-66,967	15,197	3,892	0,000	3,892	-1,850	-5,156	0,742
	3725	4	0,000	-15,010	-64,912	-64,912	15,527	2,968	0,000	2,968	-0,793	-4,255	1,317
	4320	5	0,000	-15,320	-62,753	-62,753	15,716	2,224	0,000	2,224	0,006	-3,520	1,754
Plate_1_10	4320	1	0,000	-15,320	-62,747	-62,747	15,718	2,209	0,000	2,209	0,006	-3,520	1,754
Element 19-36 (Plate)	4321	2	0,000	-15,635	-60,430	-60,430	15,768	1,584	0,000	1,692	0,600	-2,919	2,075
(Paratia 800)	4322	3	0,000	-15,950	-57,979	-57,979	15,678	1,062	0,000	1,334	1,015	-2,448	2,287
	4323	4	0,000	-16,265	-55,395	-55,395	15,447	0,639	0,000	1,042	1,280	-2,088	2,398
	5026	5	0,000	-16,580	-52,677	-52,677	15,077	0,308	-0,091	0,795	1,427	-1,826	2,421
Plate_1_10	5026	1	0,000	-16,580	-52,669	-52,669	15,078	0,300	-0,094	0,793	1,427	-1,826	2,421
Element 19-37 (Plate)	5027	2	0,000	-16,901	-49,751	-49,751	14,560	0,031	-0,332	0,576	1,479	-1,643	2,359
(Paratia 800)	5028	3	0,000	-17,222	-46,660	-46,660	13,902	-0,181	-0,553	0,392	1,453	-1,534	2,219
	5029	4	0,000	-17,543	-43,394	-43,394	13,105	-0,337	-0,770	0,241	1,368	-1,485	2,006
	5832	5	0,000	-17,864	-39,954	-39,954	12,170	-0,437	-0,966	0,120	1,243	-1,484	1,728
Plate_1_10	5832	1	0,000	-17,864	-39,933	-39,933	12,173	-0,438	-0,961	0,127	1,243	-1,484	1,728
Element 19-38 (Plate)	5833	2	0,000	-18,190	-36,236	-36,236	11,090	-0,482	-1,143	0,025	1,095	-1,521	1,382
(Paratia 800)	5834	3	0,000	-18,517	-32,282	-32,282	9,901	-0,555	-1,264	0,000	0,923	-1,581	1,000
	5835	4	0,000	-18,843	-28,065	-28,065	8,566	-0,594	-1,333	0,000	0,736	-1,644	0,751
	6376	5	0,000	-19,170	-23,576	-23,576	7,086	-0,532	-1,359	0,000	0,548	-1,696	0,548
Plate_1_10	6376	1	0,000	-19,170	-23,427	-23,427	7,105	-0,957	-1,165	0,129	0,548	-1,696	0,548
Element 19-39 (Plate)	6377	2	0,000	-19,502	-18,718	-18,718	5,439	0,026	-1,180	0,026	0,503	-1,787	0,503
(Paratia 800)	6378	3	0,000	-19,835	-13,358	-13,358	3,658	-0,723	-0,723	1,570	0,331	-1,471	0,331
	6379	4	0,000	-20,167	-7,240	-7,240	1,793	-1,005	-1,005	2,689	0,074	-0,792	0,074
	6380	5	0,000	-20,500	-0,261	-0,261	0,000	1,378	-0,022	2,113	0,000	0,000	0,000

3.1.1.1.9 Calculation results, Plate, Versante + SISMA [Phase_12] (11/39), Table of plate force envelopes

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
Plate_1_1	41	1	0,000	-0,520	0,133	0,000	0,143	4,974	-0,446	5,150	0,000	0,000	0,000
Element 1-1 (Plate)	40	2	0,000	-0,640	0,199	-1,249	0,199	3,085	-0,069	3,887	0,461	-0,006	0,467
(Paratia 800)	39	3	0,000	-0,760	-0,288	-2,505	0,000	3,597	-0,090	7,027	0,835	-0,015	0,889
	38	4	0,000	-0,880	-1,264	-3,916	0,000	6,677	-0,086	9,078	1,427	-0,026	1,866
	198	5	0,000	-1,000	-2,664	-5,877	0,000	12,489	-0,064	12,489	2,548	-0,035	3,024
Plate_5_1	10941	1	15,360	-2,338	-15,042	-15,552	0,000	-9,523	-9,523	0,000	6,810	-0,019	6,810
Element 2-2 (Plate)	10539	2	15,360	-2,069	-11,079	-11,635	0,000	-7,318	-7,318	0,000	4,548	-0,049	4,548
(MURO ELEVAZIONE)	10540	3	15,360	-1,800	-7,408	-7,981	0,000	-5,315	-5,315	0,000	2,852	-0,080	2,852
	10541	4	15,360	-1,531	-3,981	-4,538	0,000	-3,527	-3,527	0,049	1,667	-0,107	1,667
	10545	5	15,360	-1,261	-0,749	-1,255	0,000	-1,968	-1,968	0,340	0,933	-0,098	0,933
Plate_5_1	10545	1	15,360	-1,261	-1,447	-1,954	0,000	-2,498	-2,498	0,117	0,933	-0,098	0,933
Element 2-3 (Plate)	10389	2	15,360	-1,071	-0,290	-0,737	0,000	-1,745	-1,745	0,176	0,534	-0,077	0,534
(MURO ELEVAZIONE)	10390	3	15,360	-0,881	0,213	-0,176	0,213	-1,177	-1,177	0,190	0,255	-0,042	0,255
	10391	4	15,360	-0,690	0,247	-0,050	0,247	-0,681	-0,681	0,111	0,081	-0,011	0,081
	10392	5	15,360	-0,500	-0,004	-0,146	0,033	-0,143	-0,143	0,015	0,000	0,000	0,000
Plate_1_2	198	1	0,000	-1,000	-2,217	-5,339	0,000	12,436	-0,072	12,436	2,548	-0,035	3,024
Element 3-4 (Plate)	199	2	0,000	-1,250	-6,871	-11,505	0,000	23,206	-0,025	23,206	7,107	-0,047	7,107
(Paratia 800)	200	3	0,000	-1,500	-11,628	-17,697	0,000	29,055	0,000	29,055	13,740	-0,048	13,740
	201	4	0,000	-1,750	-16,420	-23,833	0,000	30,111	0,000	30,111	21,239	-0,040	21,239
	212	5	0,000	-2,000	-21,182	-29,831	0,000	26,499	0,000	26,499	28,408	-0,025	28,408
Plate_1_3	212	1	0,000	-2,000	-21,192	-29,829	0,000	26,605	0,000	26,605	28,408	-0,025	28,408
Element 4-5 (Plate)	213	2	0,000	-2,125	-23,563	-32,764	0,000	23,150	0,000	23,150	31,528	-0,016	31,528
(Paratia 800)	214	3	0,000	-2,250	-25,950	-35,680	0,000	18,669	0,000	18,669	34,152	-0,006	34,152
	215	4	0,000	-2,375	-28,352	-38,578	0,000	13,173	0,000	13,173	36,154	0,000	36,154
	276	5	0,000	-2,500	-30,772	-41,461	0,000	6,674	0,000	7,811	37,404	0,000	37,404
Plate_5_2	11141	1	15,360	-3,610	-42,149	-42,446	0,000	-28,816	-28,816	0,000	32,036	0,000	32,036

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
Element 5-6 (Plate)	10942	2	15,360	-3,292	-33,181	-33,529	0,000	-24,826	-24,826	0,000	23,492	0,000	23,492
(MURO ELEVAZIONE)	10943	3	15,360	-2,974	-26,781	-27,097	0,000	-20,220	-20,220	0,000	16,314	0,000	16,314
	10944	4	15,360	-2,656	-21,417	-21,688	0,000	-15,033	-15,033	0,000	10,691	0,000	10,691
	10941	5	15,360	-2,338	-15,557	-15,860	0,000	-9,303	-9,303	0,000	6,810	-0,019	6,810
Plate_1_4	276	1	0,000	-2,500	-30,823	-41,521	0,000	6,772	0,000	7,892	37,404	0,000	37,404
Element 6-7 (Plate)	277	2	0,000	-2,750	-35,623	-47,134	0,000	-8,151	-11,679	4,204	37,262	0,000	37,262
(Paratia 800)	278	3	0,000	-3,000	-40,673	-52,838	0,000	-24,389	-26,526	0,043	33,216	0,000	33,216
	279	4	0,000	-3,250	-46,012	-58,672	0,000	-41,846	-42,239	0,014	24,963	0,000	24,963
	306	5	0,000	-3,500	-51,677	-64,672	0,000	-60,426	-60,426	0,000	12,203	0,000	15,920
Plate_1_5	306	1	0,000	-3,500	-51,608	-64,673	0,000	-60,431	-60,431	0,000	12,203	0,000	15,920
Element 7-8 (Plate)	307	2	0,000	-3,673	-55,865	-68,926	0,000	-73,337	-73,337	0,000	0,676	-9,697	13,578
(Paratia 800)	308	3	0,000	-3,845	-60,003	-73,269	0,000	-86,747	-86,747	0,000	-13,129	-22,768	10,439
	309	4	0,000	-4,018	-64,028	-77,710	0,000	-100,632	-100,632	0,000	-29,286	-37,863	6,456
	332	5	0,000	-4,190	-67,947	-82,258	0,000	-114,966	-114,966	0,000	-47,872	-55,027	1,578
Plate_5_3	11131	1	15,360	-4,493	-64,790	-64,795	0,639	-25,352	-25,352	0,000	55,063	0,000	55,063
Element 8-9 (Plate)	11125	2	15,360	-4,272	-59,502	-59,562	0,598	-25,491	-25,491	0,000	49,458	0,000	49,458
(MURO ELEVAZIONE)	11126	3	15,360	-4,052	-52,500	-52,686	0,493	-25,941	-25,941	0,000	43,780	0,000	43,780
	11127	4	15,360	-3,831	-45,308	-45,591	0,358	-26,585	-26,585	0,000	37,985	0,000	37,985
	11141	5	15,360	-3,610	-39,449	-39,771	0,227	-27,304	-27,304	0,000	32,036	0,000	32,036
Plate_1_6	332	1	0,000	-4,190	-72,719	-73,595	0,000	-106,732	-107,680	0,000	-47,872	-55,027	1,578
Element 9-10 (Plate)	333	2	0,000	-4,268	-74,440	-75,458	0,000	-113,333	-113,508	0,000	-56,396	-63,586	0,006
(Paratia 800)	334	3	0,000	-4,345	-76,134	-77,297	0,000	-120,042	-120,082	0,000	-65,441	-72,583	0,000
	335	4	0,000	-4,423	-77,802	-79,109	0,000	-126,853	-126,853	0,000	-75,010	-82,021	0,000
	356	5	0,000	-4,500	-79,441	-81,116	0,000	-133,763	-133,763	0,000	-85,106	-91,900	0,000
Plate_1_7	356	1	0,000	-4,500	-79,441	-81,115	0,000	-133,769	-133,769	0,000	-85,106	-91,900	0,000
Element 10-11 (Plate)	357	2	0,000	-4,607	-81,664	-83,934	0,000	-143,147	-143,147	0,000	-99,899	-106,246	0,000
(Paratia 800)	358	3	0,000	-4,714	-83,841	-86,782	0,000	-152,717	-152,717	0,000	-115,712	-121,437	0,000
	359	4	0,000	-4,821	-85,969	-89,671	0,000	-162,478	-162,478	0,000	-132,557	-137,477	0,000
	370	5	0,000	-4,928	-88,045	-92,695	0,000	-172,426	-172,426	0,000	-150,449	-154,374	0,000

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
Plate_1_7	370	1	0,000	-4,928	-88,033	-92,682	0,000	-172,454	-172,454	0,000	-150,449	-154,374	0,000
Element 10-12 (Plate)	371	2	0,000	-5,009	-89,578	-94,999	0,000	-180,131	-180,131	0,000	-164,754	-167,792	0,000
(Paratia 800)	372	3	0,000	-5,090	-91,091	-97,324	0,000	-187,931	-187,931	0,000	-179,694	-181,728	0,000
	373	4	0,000	-5,171	-92,568	-99,650	0,000	-195,852	-195,852	0,000	-195,272	-196,183	0,000
	393	5	0,000	-5,252	-94,005	-101,973	0,000	-203,894	-203,894	0,000	-211,490	-211,490	0,000
Plate_1_7	393	1	0,000	-5,252	-94,006	-101,964	0,000	-203,896	-203,896	0,000	-211,490	-211,490	0,000
Element 10-13 (Plate)	390	2	0,000	-5,314	-95,061	-103,720	0,000	-210,108	-210,108	0,000	-224,247	-224,247	0,000
(Paratia 800)	391	3	0,000	-5,375	-96,094	-105,449	0,000	-216,394	-216,394	0,000	-237,395	-237,395	0,000
	392	4	0,000	-5,437	-97,104	-107,145	0,000	-222,750	-222,750	0,000	-250,932	-250,932	0,000
	419	5	0,000	-5,499	-98,090	-108,803	0,000	-229,169	-229,169	0,000	-264,858	-264,858	0,000
Plate_5_4	11421	1	15,360	-5,610	-84,859	-84,859	0,853	-16,780	-16,780	1,115	79,350	0,000	79,350
Element 11-14 (Plate)	11132	2	15,360	-5,331	-81,833	-81,833	0,799	-19,836	-19,836	0,000	74,224	0,000	74,224
(MURO ELEVAZIONE)	11133	3	15,360	-5,052	-77,701	-77,701	0,756	-22,196	-22,196	0,000	68,340	0,000	68,340
	11134	4	15,360	-4,772	-72,230	-72,230	0,710	-23,885	-23,885	0,000	61,890	0,000	61,890
	11131	5	15,360	-4,493	-65,185	-65,190	0,649	-24,930	-24,930	0,000	55,063	0,000	55,063
Plate_1_8	419	1	0,000	-5,499	-98,059	-108,854	0,000	-229,160	-229,160	0,000	-264,858	-264,858	0,000
Element 12-15 (Plate)	416	2	0,000	-5,499	-98,059	-108,852	0,000	-229,078	-229,078	0,000	-264,929	-264,929	0,000
(Paratia 800)	417	3	0,000	-5,499	-98,058	-108,850	0,000	-228,997	-228,997	0,000	-265,001	-265,001	0,000
	418	4	0,000	-5,500	-98,058	-108,848	0,000	-228,917	-228,917	0,000	-265,072	-265,072	0,000
	452	5	0,000	-5,500	-98,057	-108,845	0,000	-228,837	-228,837	0,000	-265,144	-265,144	0,000
Plate_4_1	8735	1	9,150	-5,596	-25,159	-25,159	5,876	17,069	-5,059	17,413	0,000	0,000	0,000
Element 13-16 (Plate)	8739	2	9,463	-5,600	-31,078	-31,078	2,018	102,820	0,000	106,302	19,325	-0,297	19,970
(PLINTO)	8740	3	9,775	-5,603	-44,558	-44,558	2,866	172,140	0,000	177,413	62,449	0,000	64,477
	8741	4	10,088	-5,607	-58,317	-58,317	4,590	231,403	0,000	237,579	125,897	0,000	129,746
	9211	5	10,400	-5,610	-65,070	-65,070	3,364	286,984	0,000	293,633	206,808	0,000	212,660
Plate_2_1	9211	1	10,400	-5,610	-29,778	-29,778	9,710	-202,577	-206,948	0,000	40,930	0,000	60,686
Element 14-17 (Plate)	9212	2	10,723	-5,610	-32,577	-32,577	10,142	-153,777	-158,000	0,000	-16,448	-20,273	16,753
(PLINTO)	9213	3	11,046	-5,610	-35,552	-35,552	10,522	-110,404	-114,672	0,000	-59,082	-59,082	0,000
	9214	4	11,370	-5,610	-38,067	-38,067	10,835	-70,663	-75,115	0,000	-88,220	-88,220	0,000

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
	9873	5	11,693	-5,610	-39,487	-39,487	11,061	-32,759	-43,130	0,000	-104,927	-104,927	0,000
Plate_2_1	9873	1	11,693	-5,610	-39,705	-39,705	11,057	-33,030	-43,095	0,000	-104,927	-104,927	0,000
Element 14-18 (Plate)	9877	2	12,018	-5,610	-40,859	-40,859	11,192	2,833	-32,478	2,833	-109,794	-109,794	0,000
(PLINTO)	9878	3	12,343	-5,610	-42,150	-42,150	11,318	37,430	-21,747	37,430	-103,223	-103,223	0,000
	9879	4	12,668	-5,610	-43,573	-43,573	11,429	70,985	-10,919	70,985	-85,572	-103,576	0,000
	10405	5	12,993	-5,610	-45,125	-45,125	11,519	103,723	-0,014	103,723	-57,172	-105,353	0,000
Plate_2_1	10405	1	12,993	-5,610	-45,157	-45,157	11,524	103,697	-0,016	103,697	-57,172	-105,353	0,000
Element 14-19 (Plate)	10409	2	13,320	-5,610	-46,890	-46,890	11,620	135,775	0,000	135,775	-18,029	-103,551	0,000
(PLINTO)	10410	3	13,646	-5,610	-48,933	-48,933	11,713	167,015	0,000	167,015	31,486	-98,120	32,925
	10411	4	13,973	-5,610	-51,113	-51,113	11,811	197,398	0,000	197,398	91,067	-89,035	91,615
	10977	5	14,300	-5,610	-53,255	-53,255	11,936	226,904	0,000	226,904	160,410	-76,265	160,800
Plate_2_2	10977	1	14,300	-5,610	-24,962	-24,962	12,933	-153,334	-163,407	0,000	31,873	-78,863	43,857
Element 15-20 (Plate)	10981	2	14,565	-5,610	-25,632	-25,632	13,230	-131,175	-141,095	0,000	-5,763	-88,561	4,398
(PLINTO)	10982	3	14,830	-5,610	-26,434	-26,434	13,416	-111,401	-121,136	0,000	-37,858	-95,818	0,000
	10983	4	15,095	-5,610	-27,075	-27,075	13,530	-94,011	-103,520	0,000	-65,030	-100,644	0,000
	11421	5	15,360	-5,610	-27,261	-27,261	13,610	-79,006	-88,790	0,000	-87,896	-103,044	0,000
Plate_2_3	11421	1	15,360	-5,610	-44,100	-44,100	6,556	4,491	-6,321	4,491	-167,247	-167,247	0,000
Element 16-21 (Plate)	11425	2	15,715	-5,610	-40,848	-40,848	6,610	30,167	0,000	30,167	-161,224	-161,224	0,000
(PLINTO)	11426	3	16,070	-5,610	-37,655	-37,655	6,643	59,065	0,000	59,065	-145,422	-145,422	0,000
	11427	4	16,425	-5,610	-34,605	-34,605	6,635	90,160	0,000	90,160	-119,018	-119,018	0,000
	11779	5	16,780	-5,610	-31,782	-31,782	6,649	122,425	0,000	122,425	-81,295	-85,994	0,000
Plate_2_3	11779	1	16,780	-5,610	-31,919	-31,919	6,620	122,526	0,000	122,526	-81,295	-85,994	0,000
Element 16-22 (Plate)	11783	2	17,135	-5,610	-29,328	-29,328	7,495	156,003	0,000	156,003	-31,893	-68,371	0,000
(PLINTO)	11784	3	17,490	-5,610	-27,334	-27,334	7,986	190,155	0,000	190,155	29,554	-46,410	29,554
	11785	4	17,845	-5,610	-25,552	-25,552	7,957	224,853	0,000	224,853	103,213	-20,112	103,213
	12431	5	18,200	-5,610	-23,598	-23,598	7,376	259,965	0,000	259,965	189,242	0,000	189,242
Plate_3_1	12431	1	18,200	-5,610	-1,835	-1,835	10,790	-139,755	-144,523	0,000	91,560	0,000	95,249
Element 17-23 (Plate)	12432	2	18,489	-5,610	-0,462	-0,462	10,680	-109,501	-113,518	0,000	55,599	0,000	58,023
(PLINTO)	12433	3	18,778	-5,610	-0,757	-0,757	8,368	-80,031	-83,316	0,000	28,123	0,000	29,485

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
	12434	4	19,068	-5,610	0,235	0,000	6,208	-49,249	-51,659	0,000	9,429	-0,444	9,966
	12877	5	19,357	-5,610	5,466	0,000	6,775	-15,058	-16,288	5,083	0,000	0,000	0,000
Plate_1_9	452	1	0,000	-5,500	-98,053	-108,841	0,000	-228,342	-228,342	0,000	-265,144	-265,144	0,000
Element 18-24 (Plate)	453	2	0,000	-5,566	-97,962	-108,387	0,000	-206,892	-206,892	0,000	-279,556	-279,556	0,000
(Paratia 800)	454	3	0,000	-5,633	-97,863	-107,950	0,000	-187,333	-187,333	0,000	-292,617	-292,617	0,000
	455	4	0,000	-5,699	-97,755	-107,531	0,000	-169,448	-169,448	0,000	-304,437	-304,437	0,000
	710	5	0,000	-5,765	-97,638	-107,129	0,000	-153,019	-153,019	0,000	-315,116	-315,116	0,000
Plate_1_9	710	1	0,000	-5,765	-97,639	-107,128	0,000	-152,834	-152,834	0,000	-315,116	-315,116	0,000
Element 18-25 (Plate)	711	2	0,000	-5,847	-97,482	-106,649	0,000	-133,678	-133,678	0,000	-326,845	-326,845	0,000
(Paratia 800)	712	3	0,000	-5,929	-97,313	-106,188	0,000	-115,697	-115,697	0,000	-337,057	-337,057	0,000
	713	4	0,000	-6,011	-97,133	-105,742	0,000	-98,863	-98,863	0,000	-345,842	-345,842	0,000
	1118	5	0,000	-6,093	-96,942	-105,314	0,000	-83,146	-83,146	0,000	-353,291	-353,291	0,000
Plate_1_9	1118	1	0,000	-6,093	-96,943	-105,312	0,000	-83,092	-83,092	0,000	-353,291	-353,291	0,000
Element 18-26 (Plate)	1119	2	0,000	-6,194	-96,693	-104,801	0,000	-65,007	-65,007	0,000	-360,779	-360,779	0,000
(Paratia 800)	1120	3	0,000	-6,296	-96,429	-104,308	0,000	-48,225	-48,225	0,000	-366,504	-366,504	0,000
	1121	4	0,000	-6,397	-96,153	-103,832	0,000	-32,728	-32,728	2,389	-370,595	-370,595	0,000
	1552	5	0,000	-6,498	-95,864	-103,373	0,000	-18,501	-18,501	5,014	-373,178	-373,178	0,000
Plate_1_9	1552	1	0,000	-6,498	-95,865	-103,371	0,000	-18,461	-18,461	5,037	-373,178	-373,178	0,000
Element 18-27 (Plate)	1553	2	0,000	-6,623	-95,492	-102,825	0,000	-2,450	-2,707	7,840	-374,470	-374,470	0,000
(Paratia 800)	1554	3	0,000	-6,749	-95,108	-102,297	0,000	11,950	0,000	17,054	-373,858	-373,858	0,000
	1555	4	0,000	-6,874	-94,714	-101,787	0,000	24,751	0,000	28,519	-371,543	-371,543	0,000
	1898	5	0,000	-6,999	-94,311	-101,295	0,000	35,961	0,000	38,391	-367,727	-367,727	0,000
Plate_1_9	1898	1	0,000	-6,999	-94,314	-101,293	0,000	36,067	0,000	38,518	-367,727	-367,727	0,000
Element 18-28 (Plate)	1899	2	0,000	-7,154	-93,815	-100,706	0,000	47,788	0,000	48,810	-361,214	-361,214	0,000
(Paratia 800)	1900	3	0,000	-7,309	-93,320	-100,135	0,000	57,606	0,000	57,762	-353,032	-353,032	0,000
	1901	4	0,000	-7,463	-92,829	-99,579	0,000	65,592	0,000	65,592	-343,472	-343,472	0,000
	2170	5	0,000	-7,618	-92,342	-99,040	0,000	71,815	0,000	71,815	-332,818	-332,818	0,000
Plate_1_9	2170	1	0,000	-7,618	-92,342	-99,037	0,000	72,006	0,000	72,006	-332,818	-332,818	0,000
Element 18-29 (Plate)	2171	2	0,000	-7,809	-91,747	-98,384	0,000	77,804	0,000	77,804	-318,464	-318,464	0,000

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
(Paratia 800)	2172	3	0,000	-8,001	-91,160	-97,740	0,000	82,046	0,000	82,046	-303,147	-303,147	0,000
	2173	4	0,000	-8,192	-90,584	-97,104	0,000	84,827	0,000	84,827	-287,155	-287,155	0,000
	2194	5	0,000	-8,383	-90,018	-96,476	0,000	86,241	0,000	86,241	-270,774	-270,774	0,000
Plate_1_9	2194	1	0,000	-8,383	-90,019	-96,473	0,000	86,419	0,000	86,419	-270,774	-270,774	0,000
Element 18-30 (Plate)	2195	2	0,000	-8,620	-89,335	-95,698	0,000	86,896	0,000	86,896	-250,265	-250,265	0,000
(Paratia 800)	2196	3	0,000	-8,856	-88,675	-94,919	0,000	86,442	0,000	86,442	-229,748	-229,748	0,000
	2197	4	0,000	-9,093	-88,037	-94,135	0,000	85,148	0,000	85,148	-209,435	-209,435	0,000
	2342	5	0,000	-9,329	-87,425	-93,347	0,000	83,101	0,000	83,101	-189,531	-189,531	0,000
Plate_1_9	2342	1	0,000	-9,329	-87,427	-93,347	0,000	82,999	0,000	82,999	-189,531	-189,531	0,000
Element 18-31 (Plate)	2343	2	0,000	-9,622	-86,704	-92,353	0,000	79,988	-0,016	79,988	-165,687	-165,687	0,000
(Paratia 800)	2344	3	0,000	-9,914	-86,025	-91,344	0,000	75,746	-0,062	75,746	-142,882	-142,882	0,000
	2345	4	0,000	-10,206	-85,393	-90,324	0,000	70,115	-0,112	70,115	-121,525	-121,525	0,000
	2384	5	0,000	-10,499	-84,811	-89,294	0,000	62,938	-0,183	62,938	-102,040	-102,040	0,000
Plate_1_10	2384	1	0,000	-10,499	-84,809	-89,294	0,000	62,197	-0,199	62,197	-102,040	-102,040	0,000
Element 19-32 (Plate)	2385	2	0,000	-10,792	-83,611	-87,343	0,000	52,921	-0,170	52,921	-85,203	-85,203	0,000
(Paratia 800)	2386	3	0,000	-11,085	-82,422	-85,371	0,590	45,084	-0,134	45,084	-70,858	-70,858	0,000
	2387	4	0,000	-11,379	-81,240	-83,809	2,514	38,510	-0,097	38,510	-58,631	-58,631	0,000
	2970	5	0,000	-11,672	-80,064	-82,592	4,296	33,025	-0,065	33,025	-48,167	-48,167	0,000
Plate_1_10	2970	1	0,000	-11,672	-80,055	-82,583	4,297	32,887	-0,067	32,887	-48,167	-48,167	0,000
Element 19-33 (Plate)	2971	2	0,000	-11,970	-78,832	-81,318	5,966	27,867	-0,038	27,867	-39,112	-39,112	0,000
(Paratia 800)	2972	3	0,000	-12,269	-77,563	-80,004	7,542	23,400	-0,013	23,400	-31,471	-31,471	0,000
	2973	4	0,000	-12,568	-76,247	-78,641	8,980	19,499	0,000	19,499	-25,079	-25,079	0,000
	3073	5	0,000	-12,866	-74,884	-77,229	10,273	16,176	0,000	16,176	-19,769	-19,769	0,000
Plate_1_10	3073	1	0,000	-12,866	-74,878	-77,223	10,275	16,140	0,000	16,140	-19,769	-19,769	0,000
Element 19-34 (Plate)	3070	2	0,000	-13,170	-73,433	-75,724	11,448	13,264	0,000	13,264	-15,312	-15,312	0,000
(Paratia 800)	3071	3	0,000	-13,474	-71,916	-74,149	12,478	10,799	0,000	10,799	-11,664	-11,664	0,000
	3072	4	0,000	-13,778	-70,326	-72,498	13,365	8,725	0,000	8,725	-8,706	-9,060	0,000
	3722	5	0,000	-14,082	-68,665	-70,772	14,109	7,022	0,000	7,022	-6,322	-7,548	0,000
Plate_1_10	3722	1	0,000	-14,082	-68,659	-70,766	14,111	6,992	0,000	6,992	-6,322	-7,548	0,000

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
Element 19-35 (Plate)	3723	2	0,000	-14,392	-66,880	-68,919	14,725	5,543	0,000	5,543	-4,389	-6,245	0,006
(Paratia 800)	3724	3	0,000	-14,701	-65,001	-66,967	15,197	4,320	0,000	4,320	-2,868	-5,156	0,742
	3725	4	0,000	-15,010	-63,022	-64,912	15,527	3,311	0,000	3,311	-1,692	-4,255	1,317
	4320	5	0,000	-15,320	-60,943	-62,753	15,716	2,503	0,000	2,503	-0,797	-3,520	1,754
Plate_1_10	4320	1	0,000	-15,320	-60,936	-62,747	15,718	2,486	0,000	2,486	-0,797	-3,520	1,754
Element 19-36 (Plate)	4321	2	0,000	-15,635	-58,704	-60,430	15,768	1,812	0,000	1,812	-0,124	-2,919	2,075
(Paratia 800)	4322	3	0,000	-15,950	-56,341	-57,979	15,678	1,255	0,000	1,334	0,357	-2,448	2,287
	4323	4	0,000	-16,265	-53,847	-55,395	15,447	0,808	0,000	1,042	0,679	-2,088	2,398
	5026	5	0,000	-16,580	-51,224	-52,677	15,077	0,464	-0,091	0,795	0,877	-1,826	2,421
Plate_1_10	5026	1	0,000	-16,580	-51,215	-52,669	15,078	0,455	-0,094	0,793	0,877	-1,826	2,421
Element 19-37 (Plate)	5027	2	0,000	-16,901	-48,396	-49,751	14,560	0,181	-0,332	0,576	0,977	-1,643	2,359
(Paratia 800)	5028	3	0,000	-17,222	-45,407	-46,660	13,902	-0,031	-0,553	0,392	0,999	-1,534	2,219
	5029	4	0,000	-17,543	-42,247	-43,394	13,105	-0,181	-0,770	0,241	0,964	-1,485	2,006
	5832	5	0,000	-17,864	-38,916	-39,954	12,170	-0,272	-0,966	0,120	0,890	-1,484	1,728
Plate_1_10	5832	1	0,000	-17,864	-38,895	-39,933	12,173	-0,274	-0,961	0,127	0,890	-1,484	1,728
Element 19-38 (Plate)	5833	2	0,000	-18,190	-35,312	-36,236	11,090	-0,306	-1,143	0,025	0,798	-1,521	1,382
(Paratia 800)	5834	3	0,000	-18,517	-31,476	-32,282	9,901	-0,373	-1,264	0,000	0,685	-1,581	1,000
	5835	4	0,000	-18,843	-27,380	-28,065	8,566	-0,410	-1,333	0,000	0,557	-1,644	0,751
	6376	5	0,000	-19,170	-23,017	-23,576	7,086	-0,350	-1,359	0,000	0,429	-1,696	0,548
Plate_1_10	6376	1	0,000	-19,170	-22,868	-23,427	7,105	-0,786	-1,165	0,129	0,429	-1,696	0,548
Element 19-39 (Plate)	6377	2	0,000	-19,502	-18,290	-18,718	5,439	0,197	-1,180	0,197	0,442	-1,787	0,503
(Paratia 800)	6378	3	0,000	-19,835	-13,068	-13,358	3,658	-0,588	-0,723	1,570	0,323	-1,471	0,331
	6379	4	0,000	-20,167	-7,094	-7,240	1,793	-0,974	-1,005	2,689	0,095	-0,792	0,095
	6380	5	0,000	-20,500	-0,263	-0,263	0,000	1,202	-0,022	2,113	0,000	0,000	0,000

3.1.1.1.10 Calculation results, Plate, SISMA- [Phase_11] (9/247), Table of plate force envelopes

Structural element	Node [10^3]	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Plate_1_1	41	1	0,000	-0,520	-0,143	-0,172	0,143	2,578	-0,446	2,578	0,000	0,000	0,000
Element 1-1 (Plate)	40	2	0,000	-0,640	0,173	-1,249	0,175	3,827	-0,069	4,184	0,399	-0,006	0,408
(Paratia 800)	39	3	0,000	-0,760	0,192	-2,505	0,192	4,521	-0,090	7,027	0,890	-0,015	0,961
	38	4	0,000	-0,880	-0,063	-3,924	0,000	5,595	-0,086	9,078	1,500	-0,026	1,866
	198	5	0,000	-1,000	-0,566	-5,888	0,000	7,987	-0,064	10,052	2,292	-0,035	3,024
Plate_5_1	10941	1	15,360	-2,338	-13,725	-15,552	0,000	-35,516	-35,516	0,000	32,347	-0,019	32,347
Element 2-2 (Plate)	10539	2	15,360	-2,069	-9,344	-11,635	0,000	-30,071	-30,071	0,000	23,520	-0,049	23,520
(MURO ELEVAZIONE)	10540	3	15,360	-1,800	-5,379	-7,981	0,000	-24,612	-24,612	0,000	16,160	-0,080	16,160
	10541	4	15,360	-1,531	-1,813	-4,538	0,000	-19,199	-19,199	0,049	10,261	-0,107	10,261
	10545	5	15,360	-1,261	1,373	-1,255	1,373	-13,891	-13,891	0,340	5,813	-0,098	5,813
Plate_5_1	10545	1	15,360	-1,261	0,662	-1,954	0,662	-14,429	-14,429	0,117	5,813	-0,098	5,813
Element 2-3 (Plate)	10389	2	15,360	-1,071	1,659	-0,737	1,659	-10,951	-10,951	0,176	3,404	-0,077	3,404
(MURO ELEVAZIONE)	10390	3	15,360	-0,881	1,788	-0,176	1,788	-7,655	-7,655	0,190	1,630	-0,042	1,630
	10391	4	15,360	-0,690	1,346	-0,050	1,346	-4,329	-4,329	0,111	0,491	-0,011	0,491
	10392	5	15,360	-0,500	0,633	-0,146	0,633	-0,761	-0,761	0,015	0,000	0,000	0,000
Plate_1_2	198	1	0,000	-1,000	-0,161	-5,349	0,000	8,581	-0,072	10,291	2,292	-0,035	3,024
Element 3-4 (Plate)	199	2	0,000	-1,250	-3,032	-11,513	0,000	15,333	-0,025	15,333	5,362	-0,047	5,741
(Paratia 800)	200	3	0,000	-1,500	-5,778	-17,704	0,000	18,422	0,000	18,422	9,650	-0,048	9,650
	201	4	0,000	-1,750	-8,332	-23,839	0,000	18,097	0,000	18,097	14,290	-0,040	14,290
	212	5	0,000	-2,000	-10,630	-29,837	0,000	14,606	0,000	14,606	18,438	-0,025	18,438
Plate_1_3	212	1	0,000	-2,000	-10,641	-29,835	0,000	14,813	0,000	14,813	18,438	-0,025	18,438
Element 4-5 (Plate)	213	2	0,000	-2,125	-11,699	-32,769	0,000	12,269	0,000	12,269	20,136	-0,016	20,136
(Paratia 800)	214	3	0,000	-2,250	-12,715	-35,684	0,000	9,214	0,000	10,273	21,484	-0,006	21,484
	215	4	0,000	-2,375	-13,693	-38,582	0,000	5,665	0,000	9,179	22,419	0,000	22,419
	276	5	0,000	-2,500	-14,633	-41,464	0,000	1,636	0,000	7,819	22,880	0,000	22,880
Plate_5_2	11141	1	15,360	-3,610	-44,656	-44,656	0,000	-63,270	-63,270	0,000	96,720	0,000	96,720

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
Element 5-6 (Plate)	10942	2	15,360	-3,292	-34,948	-34,948	0,000	-58,132	-58,132	0,000	77,352	0,000	77,352
(MURO ELEVAZIONE)	10943	3	15,360	-2,974	-27,065	-27,065	0,000	-51,216	-51,216	0,000	59,956	0,000	59,956
	10944	4	15,360	-2,656	-20,388	-20,873	0,000	-43,393	-43,393	0,000	44,870	0,000	44,870
	10941	5	15,360	-2,338	-14,297	-15,752	0,000	-35,535	-35,535	0,000	32,347	-0,019	32,347
Plate_1_4	276	1	0,000	-2,500	-14,676	-41,525	0,000	1,773	0,000	7,900	22,880	0,000	22,880
Element 6-7 (Plate)	277	2	0,000	-2,750	-16,361	-47,136	0,000	-7,741	-7,741	4,214	22,164	0,000	22,190
(Paratia 800)	278	3	0,000	-3,000	-18,048	-52,838	0,000	-18,557	-18,557	0,043	18,899	0,000	19,385
	279	4	0,000	-3,250	-19,774	-58,672	0,000	-30,562	-30,562	0,014	12,785	0,000	18,026
	306	5	0,000	-3,500	-21,573	-64,672	0,000	-43,645	-43,645	0,000	3,530	0,000	15,930
Plate_1_5	306	1	0,000	-3,500	-21,566	-64,673	0,000	-43,604	-43,604	0,000	3,530	0,000	15,930
Element 7-8 (Plate)	307	2	0,000	-3,673	-22,853	-68,926	0,000	-53,139	-53,139	0,000	-4,806	-4,806	13,590
(Paratia 800)	308	3	0,000	-3,845	-24,165	-73,269	0,000	-63,041	-63,041	0,000	-14,825	-14,825	10,455
	309	4	0,000	-4,018	-25,511	-77,710	0,000	-73,272	-73,272	0,000	-26,579	-26,579	6,474
	332	5	0,000	-4,190	-26,900	-82,258	0,000	-83,792	-83,792	0,000	-40,119	-40,119	1,599
Plate_5_3	11131	1	15,360	-4,493	-74,105	-74,105	0,639	-65,932	-65,932	0,000	152,228	0,000	152,228
Element 8-9 (Plate)	11125	2	15,360	-4,272	-66,675	-66,675	0,598	-63,931	-63,931	0,000	137,889	0,000	137,889
(MURO ELEVAZIONE)	11126	3	15,360	-4,052	-57,984	-57,984	0,493	-62,259	-62,259	0,000	123,976	0,000	123,976
	11127	4	15,360	-3,831	-49,152	-49,152	0,358	-61,464	-61,464	0,000	110,322	0,000	110,322
	11141	5	15,360	-3,610	-41,300	-41,300	0,227	-62,096	-62,096	0,000	96,720	0,000	96,720
Plate_1_6	332	1	0,000	-4,190	-64,177	-73,094	0,000	-19,383	-48,554	0,000	-40,119	-40,119	1,599
Element 9-10 (Plate)	333	2	0,000	-4,268	-64,807	-75,079	0,000	-24,173	-51,041	0,000	-41,806	-41,806	0,006
(Paratia 800)	334	3	0,000	-4,345	-65,437	-77,079	0,000	-28,996	-53,596	0,000	-43,867	-43,867	0,000
	335	4	0,000	-4,423	-66,065	-79,092	0,000	-33,847	-56,217	0,000	-46,302	-46,302	0,000
	356	5	0,000	-4,500	-66,692	-81,116	0,000	-38,721	-58,903	0,000	-49,114	-49,114	0,000
Plate_1_7	356	1	0,000	-4,500	-66,689	-81,115	0,000	-38,716	-58,906	0,000	-49,114	-49,114	0,000
Element 10-11 (Plate)	357	2	0,000	-4,607	-67,555	-83,934	0,000	-45,456	-62,704	0,000	-53,611	-53,611	0,000
(Paratia 800)	358	3	0,000	-4,714	-68,411	-86,782	0,000	-52,188	-66,615	0,000	-58,830	-58,830	0,000
	359	4	0,000	-4,821	-69,251	-89,671	0,000	-58,902	-70,639	0,000	-64,768	-64,768	0,000
	370	5	0,000	-4,928	-70,073	-92,695	0,000	-65,592	-74,776	0,000	-71,420	-71,420	0,000

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
Plate_1_7	370	1	0,000	-4,928	-70,054	-92,682	0,000	-65,601	-74,798	0,000	-71,420	-71,420	0,000
Element 10-12 (Plate)	371	2	0,000	-5,009	-70,661	-94,999	0,000	-70,625	-78,001	0,000	-76,947	-76,947	0,000
(Paratia 800)	372	3	0,000	-5,090	-71,234	-97,324	0,000	-75,579	-81,262	0,000	-82,883	-82,883	0,000
	373	4	0,000	-5,171	-71,767	-99,650	0,000	-80,456	-84,579	0,000	-89,217	-89,217	0,000
	393	5	0,000	-5,252	-72,258	-101,973	0,000	-85,248	-87,949	0,000	-95,941	-95,941	0,000
Plate_1_7	393	1	0,000	-5,252	-72,242	-101,964	0,000	-85,185	-87,926	0,000	-95,941	-95,941	0,000
Element 10-13 (Plate)	390	2	0,000	-5,314	-72,572	-103,720	0,000	-88,791	-90,542	0,000	-101,303	-101,303	0,000
(Paratia 800)	391	3	0,000	-5,375	-72,834	-105,449	0,000	-92,158	-93,121	0,000	-106,883	-106,883	0,000
	392	4	0,000	-5,437	-73,015	-107,145	0,000	-95,171	-95,577	0,000	-112,660	-112,660	0,000
	419	5	0,000	-5,499	-73,102	-108,803	0,000	-97,719	-97,827	0,000	-118,606	-118,606	0,000
Plate_5_4	11421	1	15,360	-5,610	-103,203	-103,203	0,853	-66,471	-66,471	1,115	227,683	0,000	227,683
Element 11-14 (Plate)	11132	2	15,360	-5,331	-98,098	-98,098	0,799	-67,881	-67,881	0,000	208,912	0,000	208,912
(MURO ELEVAZIONE)	11133	3	15,360	-5,052	-91,475	-91,475	0,756	-68,299	-68,299	0,000	189,871	0,000	189,871
	11134	4	15,360	-4,772	-83,474	-83,474	0,710	-67,620	-67,620	0,000	170,869	0,000	170,869
	11131	5	15,360	-4,493	-74,233	-74,233	0,649	-65,736	-65,736	0,000	152,228	0,000	152,228
Plate_1_8	419	1	0,000	-5,499	-73,462	-108,854	0,000	-96,469	-96,720	0,000	-118,606	-118,606	0,000
Element 12-15 (Plate)	416	2	0,000	-5,499	-73,458	-108,852	0,000	-96,415	-96,675	0,000	-118,637	-118,637	0,000
(Paratia 800)	417	3	0,000	-5,499	-73,455	-108,850	0,000	-96,361	-96,630	0,000	-118,667	-118,667	0,000
	418	4	0,000	-5,500	-73,452	-108,848	0,000	-96,306	-96,585	0,000	-118,697	-118,697	0,000
	452	5	0,000	-5,500	-73,449	-108,845	0,000	-96,250	-96,540	0,000	-118,727	-118,727	0,000
Plate_4_1	8735	1	9,150	-5,596	-2,181	-9,559	5,876	-8,275	-8,275	5,270	0,000	0,000	0,000
Element 13-16 (Plate)	8739	2	9,463	-5,600	-15,588	-15,588	2,018	24,145	0,000	75,707	2,626	-0,297	13,195
(PLINTO)	8740	3	9,775	-5,603	-26,534	-26,534	2,866	51,042	0,000	130,030	14,517	0,000	45,558
	8741	4	10,088	-5,607	-35,786	-35,786	4,590	72,556	0,000	173,077	33,976	0,000	93,313
	9211	5	10,400	-5,610	-44,107	-44,107	3,364	88,828	0,000	209,710	59,321	0,000	153,152
Plate_2_1	9211	1	10,400	-5,610	52,097	-10,340	52,097	116,294	-137,489	116,294	-410,261	-410,261	55,965
Element 14-17 (Plate)	9212	2	10,723	-5,610	45,482	-11,036	45,482	128,148	-106,123	128,148	-370,698	-370,698	16,753
(PLINTO)	9213	3	11,046	-5,610	39,225	-10,908	39,225	138,002	-78,827	138,002	-327,654	-327,654	0,000
	9214	4	11,370	-5,610	33,306	-10,244	33,306	146,483	-54,260	146,483	-281,623	-281,623	0,000

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
	9873	5	11,693	-5,610	27,705	-9,333	27,705	154,213	-43,130	154,213	-233,039	-233,039	0,000
Plate_2_1	9873	1	11,693	-5,610	27,750	-9,340	27,750	154,207	-43,095	154,207	-233,039	-233,039	0,000
Element 14-18 (Plate)	9877	2	12,018	-5,610	22,109	-8,400	22,109	161,328	-32,478	161,328	-181,769	-181,769	0,000
(PLINTO)	9878	3	12,343	-5,610	16,637	-7,703	16,637	168,005	-21,747	168,005	-128,223	-128,223	0,000
	9879	4	12,668	-5,610	11,299	-8,930	11,429	174,115	-10,919	174,115	-72,603	-103,576	0,000
	10405	5	12,993	-5,610	6,061	-10,524	11,519	179,535	-0,014	179,535	-15,127	-105,353	0,000
Plate_2_1	10405	1	12,993	-5,610	5,974	-10,547	11,524	179,628	-0,016	179,628	-15,127	-105,353	0,000
Element 14-19 (Plate)	10409	2	13,320	-5,610	0,941	-13,553	11,620	184,005	0,000	184,005	44,286	-103,551	44,286
(PLINTO)	10410	3	13,646	-5,610	-4,135	-16,817	11,713	187,235	0,000	187,235	105,034	-98,120	105,034
	10411	4	13,973	-5,610	-9,012	-20,092	11,811	188,468	0,000	188,468	166,477	-89,035	166,477
	10977	5	14,300	-5,610	-13,448	-23,276	11,936	186,855	0,000	186,855	227,894	-76,265	227,894
Plate_2_2	10977	1	14,300	-5,610	74,832	-0,372	74,832	195,794	-119,504	195,794	-242,977	-242,977	21,076
Element 15-20 (Plate)	10981	2	14,565	-5,610	71,258	-1,013	71,258	191,686	-106,932	191,686	-191,590	-191,590	0,000
(PLINTO)	10982	3	14,830	-5,610	67,582	-1,861	67,582	185,208	-96,312	185,208	-141,598	-141,598	0,000
	10983	4	15,095	-5,610	63,894	-2,653	63,894	176,623	-87,737	176,623	-93,593	-100,644	0,000
	11421	5	15,360	-5,610	60,286	-3,128	60,286	166,190	-81,299	166,190	-48,146	-103,044	0,000
Plate_2_3	11421	1	15,360	-5,610	-5,865	-16,746	6,556	267,335	-5,398	267,335	-275,829	-275,829	0,000
Element 16-21 (Plate)	11425	2	15,715	-5,610	-4,883	-14,566	6,610	255,807	0,000	255,807	-183,108	-183,108	0,000
(PLINTO)	11426	3	16,070	-5,610	-4,456	-12,703	6,643	247,543	0,000	247,543	-93,808	-112,642	0,000
	11427	4	16,425	-5,610	-5,251	-11,387	6,635	241,920	0,000	241,920	-6,999	-99,295	0,000
	11779	5	16,780	-5,610	-7,938	-10,846	6,649	238,318	0,000	238,318	78,183	-85,994	78,183
Plate_2_3	11779	1	16,780	-5,610	-7,883	-10,917	6,620	238,527	0,000	238,527	78,183	-85,994	78,183
Element 16-22 (Plate)	11783	2	17,135	-5,610	-10,925	-12,176	7,495	236,286	0,000	236,286	162,382	-68,371	162,382
(PLINTO)	11784	3	17,490	-5,610	-16,199	-16,199	7,986	235,485	0,000	235,485	246,128	-46,410	246,128
	11785	4	17,845	-5,610	-23,036	-23,036	7,957	235,535	0,000	235,535	329,715	-20,112	329,715
	12431	5	18,200	-5,610	-30,768	-30,768	7,376	235,847	0,000	235,847	413,377	0,000	413,377
Plate_3_1	12431	1	18,200	-5,610	43,150	0,000	43,150	40,628	-92,092	40,628	-40,456	-40,456	57,860
Element 17-23 (Plate)	12432	2	18,489	-5,610	32,519	0,000	32,519	39,035	-71,610	39,035	-28,970	-28,970	34,179
(PLINTO)	12433	3	18,778	-5,610	24,262	0,000	24,262	36,727	-50,457	36,727	-17,917	-17,917	16,511

Structural element	Node [10 ³]	Local number	X [m]	Y [m]	N [kN/m]	N min [kN/m]	N max [kN/m]	Q [kN/m]	Q min [kN/m]	Q max [kN/m]	M [kN m/m]	M min [kN m/m]	M max [kN m/m]
	12434	4	19,068	-5,610	16,490	0,000	16,490	31,791	-28,651	31,791	-7,977	-7,977	5,053
	12877	5	19,357	-5,610	7,313	0,000	7,313	22,312	-6,209	22,312	0,000	0,000	0,000
Plate_1_9	452	1	0,000	-5,500	-73,447	-108,841	0,000	-96,488	-96,655	0,000	-118,727	-118,727	0,000
Element 18-24 (Plate)	453	2	0,000	-5,566	-72,770	-108,387	0,000	-84,505	-87,122	0,000	-124,717	-124,717	0,000
(Paratia 800)	454	3	0,000	-5,633	-72,101	-107,950	0,000	-73,812	-78,572	0,000	-129,960	-129,960	0,000
	455	4	0,000	-5,699	-71,440	-107,531	0,000	-64,278	-70,885	0,000	-134,532	-134,532	0,000
	710	5	0,000	-5,765	-70,786	-107,129	0,000	-55,776	-63,946	0,000	-138,505	-138,505	0,000
Plate_1_9	710	1	0,000	-5,765	-70,786	-107,128	0,000	-55,636	-63,842	0,000	-138,505	-138,505	0,000
Element 18-25 (Plate)	711	2	0,000	-5,847	-69,988	-106,649	0,000	-45,943	-55,808	0,000	-142,660	-142,660	0,000
(Paratia 800)	712	3	0,000	-5,929	-69,198	-106,188	0,000	-37,070	-48,340	0,000	-146,057	-146,057	0,000
	713	4	0,000	-6,011	-68,418	-105,742	0,000	-28,987	-41,415	0,000	-148,759	-148,759	0,000
	1118	5	0,000	-6,093	-67,648	-105,314	0,000	-21,666	-35,013	0,000	-150,829	-150,829	0,000
Plate_1_9	1118	1	0,000	-6,093	-67,647	-105,312	0,000	-21,615	-34,982	0,000	-150,829	-150,829	0,000
Element 18-26 (Plate)	1119	2	0,000	-6,194	-66,706	-104,801	0,000	-13,436	-27,674	0,000	-152,597	-152,597	0,000
(Paratia 800)	1120	3	0,000	-6,296	-65,776	-104,308	0,000	-6,073	-20,929	0,000	-153,578	-153,578	0,000
	1121	4	0,000	-6,397	-64,858	-103,832	0,000	0,494	-14,737	2,389	-153,854	-153,854	0,000
	1552	5	0,000	-6,498	-63,953	-103,373	0,000	6,283	-9,082	6,283	-153,504	-153,504	0,000
Plate_1_9	1552	1	0,000	-6,498	-63,952	-103,371	0,000	6,328	-9,051	6,328	-153,504	-153,504	0,000
Element 18-27 (Plate)	1553	2	0,000	-6,623	-62,848	-102,825	0,000	12,548	-2,708	12,548	-152,313	-152,313	0,000
(Paratia 800)	1554	3	0,000	-6,749	-61,758	-102,297	0,000	17,851	0,000	17,851	-150,400	-150,400	0,000
	1555	4	0,000	-6,874	-60,683	-101,787	0,000	22,258	0,000	22,258	-147,879	-147,879	0,000
	1898	5	0,000	-6,999	-59,624	-101,295	0,000	25,788	0,000	25,788	-144,863	-144,863	0,000
Plate_1_9	1898	1	0,000	-6,999	-59,623	-101,293	0,000	25,864	0,000	25,864	-144,863	-144,863	0,000
Element 18-28 (Plate)	1899	2	0,000	-7,154	-58,331	-100,706	0,000	29,196	0,000	29,196	-140,592	-140,592	0,000
(Paratia 800)	1900	3	0,000	-7,309	-57,057	-100,135	0,000	31,696	0,000	31,696	-135,868	-135,914	0,000
	1901	4	0,000	-7,463	-55,802	-99,579	0,000	33,410	0,000	33,410	-130,818	-131,093	0,000
	2170	5	0,000	-7,618	-54,565	-99,040	0,000	34,381	0,000	34,381	-125,564	-126,009	0,000
Plate_1_9	2170	1	0,000	-7,618	-54,564	-99,037	0,000	34,461	0,000	34,461	-125,564	-126,009	0,000
Element 18-29 (Plate)	2171	2	0,000	-7,809	-53,059	-98,384	0,000	34,901	0,000	34,901	-118,920	-119,532	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
(Paratia 800)	2172	3	0,000	-8,001	-51,575	-97,740	0,000	34,717	0,000	34,717	-112,250	-112,990	0,000
	2173	4	0,000	-8,192	-50,114	-97,104	0,000	33,958	0,000	34,325	-105,669	-106,476	0,000
	2194	5	0,000	-8,383	-48,676	-96,476	0,000	32,670	0,000	34,309	-99,289	-100,156	0,000
Plate_1_9	2194	1	0,000	-8,383	-48,673	-96,473	0,000	32,748	0,000	34,371	-99,289	-100,156	0,000
Element 18-30 (Plate)	2195	2	0,000	-8,620	-46,921	-95,698	0,000	30,672	0,000	34,339	-91,785	-92,677	0,000
(Paratia 800)	2196	3	0,000	-8,856	-45,193	-94,919	0,000	28,333	0,000	33,730	-84,803	-85,660	0,000
	2197	4	0,000	-9,093	-43,491	-94,135	0,000	25,792	0,000	32,591	-78,396	-79,159	0,000
	2342	5	0,000	-9,329	-41,814	-93,347	0,000	23,111	0,000	30,969	-72,614	-73,224	0,000
Plate_1_9	2342	1	0,000	-9,329	-41,815	-93,347	0,000	23,316	0,000	31,025	-72,614	-73,224	0,000
Element 18-31 (Plate)	2343	2	0,000	-9,622	-39,767	-92,353	0,000	19,994	-0,016	28,587	-66,298	-66,659	0,000
(Paratia 800)	2344	3	0,000	-9,914	-37,754	-91,344	0,000	17,461	-0,062	25,832	-60,851	-60,924	0,000
	2345	4	0,000	-10,206	-35,781	-90,324	0,000	15,951	-0,112	22,840	-55,987	-55,987	0,000
	2384	5	0,000	-10,499	-33,852	-89,294	0,000	15,701	-0,183	19,693	-51,398	-51,398	0,000
Plate_1_10	2384	1	0,000	-10,499	-33,851	-89,294	0,000	16,969	-0,199	19,857	-51,398	-51,398	0,000
Element 19-32 (Plate)	2385	2	0,000	-10,792	-30,692	-87,343	0,000	19,471	-0,170	19,471	-46,006	-46,006	0,000
(Paratia 800)	2386	3	0,000	-11,085	-27,645	-85,371	0,590	20,308	-0,134	20,308	-40,146	-40,146	0,000
	2387	4	0,000	-11,379	-24,711	-83,379	2,514	19,835	-0,097	19,835	-34,220	-34,279	0,000
	2970	5	0,000	-11,672	-21,888	-81,371	4,296	18,406	-0,065	18,406	-28,600	-28,944	0,000
Plate_1_10	2970	1	0,000	-11,672	-21,885	-81,370	4,297	18,627	-0,067	18,627	-28,600	-28,944	0,000
Element 19-33 (Plate)	2971	2	0,000	-11,970	-19,114	-79,307	5,966	17,125	-0,038	17,125	-23,260	-23,931	0,000
(Paratia 800)	2972	3	0,000	-12,269	-16,445	-77,223	7,542	15,508	-0,013	15,508	-18,386	-20,743	0,000
	2973	4	0,000	-12,568	-13,882	-75,120	8,980	13,818	0,000	13,818	-14,004	-17,822	0,000
	3073	5	0,000	-12,866	-11,427	-72,999	10,273	12,098	0,000	12,098	-10,137	-15,217	0,000
Plate_1_10	3073	1	0,000	-12,866	-11,429	-72,997	10,275	12,124	0,000	12,124	-10,137	-15,217	0,000
Element 19-34 (Plate)	3070	2	0,000	-13,170	-9,043	-70,820	11,448	10,487	0,000	10,487	-6,704	-12,873	0,000
(Paratia 800)	3071	3	0,000	-13,474	-6,781	-68,619	12,478	8,974	0,000	8,974	-3,749	-10,828	0,000
	3072	4	0,000	-13,778	-4,645	-66,396	13,365	7,589	0,000	7,671	-1,234	-9,060	0,000
	3722	5	0,000	-14,082	-2,638	-64,150	14,109	6,333	0,000	6,510	0,878	-7,548	0,878
Plate_1_10	3722	1	0,000	-14,082	-2,643	-64,146	14,111	6,329	0,000	6,496	0,878	-7,548	0,878

Structural element	Node [10^3]	Local number	X [m]	Y [m]	N [kN/m]	N_{min} [kN/m]	N_{max} [kN/m]	Q [kN/m]	Q_{min} [kN/m]	Q_{max} [kN/m]	M [kN m/m]	M_{min} [kN m/m]	M_{max} [kN m/m]
Element 19-35 (Plate)	3723	2	0,000	-14,392	-0,741	-61,832	14,725	5,179	0,000	5,352	2,656	-6,245	2,656
(Paratia 800)	3724	3	0,000	-14,701	1,006	-59,479	15,197	4,128	0,000	4,256	4,094	-5,156	4,094
	3725	4	0,000	-15,010	2,594	-57,088	15,527	3,169	0,000	3,406	5,221	-4,255	5,221
	4320	5	0,000	-15,320	4,020	-54,661	15,716	2,297	0,000	2,625	6,065	-3,520	6,065
Plate_1_10	4320	1	0,000	-15,320	4,014	-54,656	15,718	2,293	0,000	2,602	6,065	-3,520	6,065
Element 19-36 (Plate)	4321	2	0,000	-15,635	5,279	-52,138	15,768	1,338	0,000	1,692	6,638	-2,919	6,638
(Paratia 800)	4322	3	0,000	-15,950	6,346	-49,561	15,678	0,367	0,000	1,334	6,905	-2,448	6,905
	4323	4	0,000	-16,265	7,213	-46,926	15,447	-0,586	-0,586	1,042	6,871	-2,088	6,871
	5026	5	0,000	-16,580	7,878	-44,232	15,077	-1,489	-1,489	0,795	6,542	-1,826	6,542
Plate_1_10	5026	1	0,000	-16,580	7,876	-44,225	15,078	-1,474	-1,474	0,793	6,542	-1,826	6,542
Element 19-37 (Plate)	5027	2	0,000	-16,901	8,340	-41,411	14,560	-2,305	-2,305	0,576	5,934	-1,643	5,934
(Paratia 800)	5028	3	0,000	-17,222	8,587	-38,505	13,902	-3,034	-3,034	0,392	5,074	-1,534	5,074
	5029	4	0,000	-17,543	8,616	-35,509	13,105	-3,648	-3,648	0,241	3,999	-1,485	4,114
	5832	5	0,000	-17,864	8,427	-32,421	12,170	-4,135	-4,135	0,120	2,747	-1,484	3,281
Plate_1_10	5832	1	0,000	-17,864	8,431	-32,406	12,173	-4,116	-4,116	0,127	2,747	-1,484	3,281
Element 19-38 (Plate)	5833	2	0,000	-18,190	8,009	-29,150	11,090	-4,476	-4,476	0,025	1,337	-1,521	2,368
(Paratia 800)	5834	3	0,000	-18,517	7,373	-25,741	9,901	-4,567	-4,567	0,000	-0,147	-1,581	1,734
	5835	4	0,000	-18,843	6,529	-22,174	8,566	-4,407	-4,407	0,000	-1,620	-1,644	1,110
	6376	5	0,000	-19,170	5,481	-18,446	7,086	-4,017	-4,017	0,000	-3,001	-3,001	0,495
Plate_1_10	6376	1	0,000	-19,170	5,515	-18,374	7,105	-3,748	-3,748	0,129	-3,001	-3,001	0,495
Element 19-39 (Plate)	6377	2	0,000	-19,502	4,232	-14,437	5,439	-1,820	-2,597	0,011	-4,196	-4,196	0,080
(Paratia 800)	6378	3	0,000	-19,835	2,767	-10,130	3,658	3,752	-0,561	3,752	-3,695	-3,695	0,049
	6379	4	0,000	-20,167	1,205	-5,397	1,793	7,081	-0,082	7,081	-1,948	-1,948	0,019
	6380	5	0,000	-20,500	-0,367	-0,367	0,000	2,276	-0,022	3,399	0,000	0,000	0,000

3.2.1.1.1.4 Calculation results, Node-to-node anchor, chiodo [Phase_3] (3/18), Table of total displacements

Structural element	Node	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-6} m]	|u| [10^{-3} m]
NodeToNodeAnchor_2_1	332	1	0,000	-4,190	7,219	746,255	7,257
Element 1-1 (Node-to-node anchor)	4162	2	-12,990	-11,710	2,206	-844,902	2,362

3.2.1.1.1.5 Calculation results, Node-to-node anchor, scavo per plinto [Phase_4] (4/21), Table of total displacements

Structural element	Node	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
NodeToNodeAnchor_2_1	332	1	0,000	-4,190	8,654	0,957	8,707
Element 1-1 (Node-to-node anchor)	4162	2	-12,990	-11,710	3,098	-1,233	3,335

3.2.1.1.1.6 Calculation results, Node-to-node anchor, costruzione plinto [Phase_5] (5/24), Table of total displacements

Structural element	Node	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
NodeToNodeAnchor_2_1	332	1	0,000	-4,190	8,491	1,053	8,556
Element 1-1 (Node-to-node anchor)	4162	2	-12,990	-11,710	2,749	-0,880	2,886

3.2.1.1.1.7 Calculation results, Node-to-node anchor, rinfianco [Phase_9] (12/32), Table of total displacements

Structural element	Node	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-6} m]	|u| [10^{-3} m]
NodeToNodeAnchor_2_1	332	1	0,000	-4,190	5,947	-759,961	5,996
Element 1-1 (Node-to-node anchor)	4162	2	-12,990	-11,710	1,013	-278,046	1,050

3.2.1.1.1.8 Calculation results, Node-to-node anchor, Versante - fase B [Phase_10] (10/36), Table of total displacements

Structural element	Node	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
NodeToNodeAnchor_2_1	332	1	0,000	-4,190	-1,411	0,191	1,424
Element 1-1 (Node-to-node anchor)	4162	2	-12,990	-11,710	-4,087	2,909	5,017

3.2.1.1.1.9 Calculation results, Node-to-node anchor, Versante + SISMA [Phase_12] (11/39), Table of total displacements

Structural element	Node	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
NodeToNodeAnchor_2_1	332	1	0,000	-4,190	-0,520	0,218	0,564
Element 1-1 (Node-to-node anchor)	4162	2	-12,990	-11,710	-3,938	2,957	4,924

3.2.1.1.1.10 Calculation results, Node-to-node anchor, SISMA- [Phase_11] (9/247), Table of total displacements

Structural element	Node	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
NodeToNodeAnchor_2_1	332	1	0,000	-4,190	27,224	0,905	27,239
Element 1-1 (Node-to-node anchor)	4162	2	-12,990	-11,710	18,405	-1,947	18,508

3.2.2.1.4 Calculation results, Node-to-node anchor, chiodo [Phase_3] (3/18), Table of node-to-node anchors

Structural element	Node	Local number	X [m]	Y [m]	N [kN]	N_{min} [kN]	N_{max} [kN]
NodeToNodeAnchor_2_1	332	1	0,000	-4,190	1,138	0,000	1,138
Element 1-1 (Node-to-node anchor)	4162	2	-12,990	-11,710	1,138	0,000	1,138

3.2.2.1.5 Calculation results, Node-to-node anchor, scavo per plinto [Phase_4] (4/21), Table of node-to-node anchors

Structural element	Node	Local number	X [m]	Y [m]	N [kN]	N_{min} [kN]	N_{max} [kN]
NodeToNodeAnchor_2_1	332	1	0,000	-4,190	33,045	0,000	33,045
Element 1-1 (Node-to-node anchor)	4162	2	-12,990	-11,710	33,045	0,000	33,045

3.2.2.1.6 Calculation results, Node-to-node anchor, costruzione plinto [Phase_5] (5/24), Table of node-to-node anchors

Structural element	Node	Local number	X [m]	Y [m]	N [kN]	N_{min} [kN]	N_{max} [kN]
NodeToNodeAnchor_2_1	332	1	0,000	-4,190	34,354	0,000	34,354
Element 1-1 (Node-to-node anchor)	4162	2	-12,990	-11,710	34,354	0,000	34,354

3.2.2.1.7 Calculation results, Node-to-node anchor, rinfianco [Phase_9] (12/32), Table of node-to-node anchors

Structural element	Node	Local number	X [m]	Y [m]	N [kN]	N_{min} [kN]	N_{max} [kN]
NodeToNodeAnchor_2_1	332	1	0,000	-4,190	-44,681	-44,681	34,354
Element 1-1 (Node-to-node anchor)	4162	2	-12,990	-11,710	-44,681	-44,681	34,354

3.2.2.1.8 Calculation results, Node-to-node anchor, Versante - fase B [Phase_10] (10/36), Table of node-to-node anchors

Structural element	Node	Local number	X [m]	Y [m]	N [kN]	N_{min} [kN]	N_{max} [kN]
NodeToNodeAnchor_2_1	332	1	0,000	-4,190	-5,162	-44,681	34,354
Element 1-1 (Node-to-node anchor)	4162	2	-12,990	-11,710	-5,162	-44,681	34,354

3.2.2.1.9 Calculation results, Node-to-node anchor, Versante + SISMA [Phase_12] (11/39), Table of node-to-node anchors

Structural element	Node	Local number	X [m]	Y [m]	N [kN]	N_{min} [kN]	N_{max} [kN]
NodeToNodeAnchor_2_1	332	1	0,000	-4,190	20,985	-44,681	34,354
Element 1-1 (Node-to-node anchor)	4162	2	-12,990	-11,710	20,985	-44,681	34,354

3.2.2.1.10 Calculation results, Node-to-node anchor, SISMA- [Phase_11] (9/247), Table of node-to-node anchors

Structural element	Node	Local number	X [m]	Y [m]	N [kN]	N_{min} [kN]	N_{max} [kN]
NodeToNodeAnchor_2_1	332	1	0,000	-4,190	163,729	-44,698	163,729
Element 1-1 (Node-to-node anchor)	4162	2	-12,990	-11,710	163,729	-44,698	163,729

3.3.1.1.1.6 Calculation results, Embedded beam row, costruzione plinto [Phase_5] (5/24), Table of total displacements

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
EmbeddedBeamRow_1_1	13862	1	10,400	-5,610	0,858	4,047	4,137
Element 1-1 (Embedded beam row)	13863	2	10,400	-5,894	0,986	3,938	4,059
(palo 1500)	13864	3	10,400	-6,177	1,129	3,825	3,988
	13865	4	10,400	-6,461	1,283	3,709	3,925
	13866	5	10,400	-6,744	1,447	3,593	3,874
EmbeddedBeamRow_1_1	13866	1	10,400	-6,744	1,447	3,593	3,874
Element 1-2 (Embedded beam row)	13867	2	10,400	-7,057	1,433	3,504	3,785
(palo 1500)	13868	3	10,400	-7,369	1,417	3,414	3,696
	13869	4	10,400	-7,682	1,401	3,324	3,607
	13870	5	10,400	-7,994	1,386	3,233	3,518
EmbeddedBeamRow_1_1	13870	1	10,400	-7,994	1,386	3,233	3,518
Element 1-3 (Embedded beam row)	13871	2	10,400	-8,307	1,371	3,143	3,429
(palo 1500)	13872	3	10,400	-8,619	1,357	3,052	3,340
	13873	4	10,400	-8,932	1,344	2,962	3,252
	13874	5	10,400	-9,244	1,332	2,871	3,165
EmbeddedBeamRow_1_1	13874	1	10,400	-9,244	1,332	2,871	3,165
Element 1-4 (Embedded beam row)	13875	2	10,400	-9,557	1,321	2,782	3,080
(palo 1500)	13876	3	10,400	-9,869	1,312	2,693	2,996
	13877	4	10,400	-10,182	1,304	2,605	2,913
	13878	5	10,400	-10,494	1,298	2,518	2,833
EmbeddedBeamRow_1_1	13878	1	10,400	-10,494	1,298	2,518	2,833
Element 1-5 (Embedded beam row)	13879	2	10,400	-10,807	1,293	2,433	2,755
(palo 1500)	13880	3	10,400	-11,119	1,291	2,348	2,680

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	13881	4	10,400	-11,432	1,290	2,265	2,607
	13882	5	10,400	-11,744	1,291	2,184	2,537
EmbeddedBeamRow_1_1	13882	1	10,400	-11,744	1,291	2,184	2,537
Element 1-6 (Embedded beam row)	13883	2	10,400	-12,038	1,272	2,113	2,466
(palo 1500)	13884	3	10,400	-12,331	1,253	2,043	2,397
	13885	4	10,400	-12,624	1,235	1,973	2,327
	13886	5	10,400	-12,918	1,216	1,904	2,259
EmbeddedBeamRow_1_1	13886	1	10,400	-12,918	1,216	1,904	2,259
Element 1-7 (Embedded beam row)	13887	2	10,400	-13,214	1,198	1,835	2,191
(palo 1500)	13888	3	10,400	-13,510	1,180	1,766	2,124
	13889	4	10,400	-13,807	1,162	1,698	2,058
	13890	5	10,400	-14,103	1,145	1,631	1,993
EmbeddedBeamRow_1_1	13890	1	10,400	-14,103	1,145	1,631	1,993
Element 1-8 (Embedded beam row)	13891	2	10,400	-14,403	1,127	1,564	1,928
(palo 1500)	13892	3	10,400	-14,702	1,110	1,498	1,864
	13893	4	10,400	-15,002	1,093	1,433	1,802
	13894	5	10,400	-15,302	1,076	1,368	1,741
EmbeddedBeamRow_1_1	13894	1	10,400	-15,302	1,076	1,368	1,741
Element 1-9 (Embedded beam row)	13895	2	10,400	-15,604	1,060	1,303	1,680
(palo 1500)	13896	3	10,400	-15,907	1,043	1,240	1,620
	13897	4	10,400	-16,210	1,027	1,177	1,562
	13898	5	10,400	-16,512	1,011	1,114	1,505
EmbeddedBeamRow_1_1	13898	1	10,400	-16,512	1,011	1,114	1,505
Element 1-10 (Embedded beam row)	13899	2	10,400	-16,818	0,996	1,052	1,449
(palo 1500)	13900	3	10,400	-17,124	0,980	0,991	1,394
	13901	4	10,400	-17,430	0,965	0,931	1,340

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	13902	5	10,400	-17,736	0,949	0,871	1,289
EmbeddedBeamRow_1_1	13902	1	10,400	-17,736	0,949	0,871	1,289
Element 1-11 (Embedded beam row)	13903	2	10,400	-18,045	0,934	0,812	1,238
(palo 1500)	13904	3	10,400	-18,354	0,919	0,754	1,188
	13905	4	10,400	-18,663	0,904	0,696	1,141
	13906	5	10,400	-18,973	0,889	0,639	1,095
EmbeddedBeamRow_1_1	13906	1	10,400	-18,973	0,889	0,639	1,095
Element 1-12 (Embedded beam row)	13907	2	10,400	-19,285	0,874	0,582	1,050
(palo 1500)	13908	3	10,400	-19,597	0,860	0,526	1,008
	13909	4	10,400	-19,910	0,846	0,470	0,967
	13910	5	10,400	-20,222	0,831	0,415	0,929
EmbeddedBeamRow_1_1	13910	1	10,400	-20,222	0,831	0,415	0,929
Element 1-13 (Embedded beam row)	13911	2	10,400	-20,538	0,817	0,360	0,893
(palo 1500)	13912	3	10,400	-20,853	0,803	0,306	0,859
	13913	4	10,400	-21,169	0,789	0,253	0,828
	13914	5	10,400	-21,485	0,774	0,200	0,800
EmbeddedBeamRow_1_1	13914	1	10,400	-21,485	0,774	0,200	0,800
Element 1-14 (Embedded beam row)	13915	2	10,400	-21,804	0,759	0,148	0,774
(palo 1500)	13916	3	10,400	-22,123	0,744	0,096	0,750
	13917	4	10,400	-22,442	0,729	0,045	0,730
	13918	5	10,400	-22,761	0,713	-0,005	0,713
EmbeddedBeamRow_1_1	13918	1	10,400	-22,761	0,713	-0,005	0,713
Element 1-15 (Embedded beam row)	13919	2	10,400	-23,083	0,696	-0,055	0,698
(palo 1500)	13920	3	10,400	-23,405	0,679	-0,105	0,687
	13921	4	10,400	-23,728	0,661	-0,153	0,679
	13922	5	10,400	-24,050	0,643	-0,201	0,673

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
EmbeddedBeamRow_1_1	13922	1	10,400	-24,050	0,643	-0,201	0,673
Element 1-16 (Embedded beam row)	13923	2	10,400	-24,376	0,624	-0,248	0,671
(palo 1500)	13924	3	10,400	-24,701	0,604	-0,295	0,672
	13925	4	10,400	-25,027	0,583	-0,341	0,676
	13926	5	10,400	-25,353	0,562	-0,385	0,682
EmbeddedBeamRow_1_1	13926	1	10,400	-25,353	0,562	-0,385	0,682
Element 1-17 (Embedded beam row)	13927	2	10,400	-25,682	0,540	-0,430	0,690
(palo 1500)	13928	3	10,400	-26,011	0,517	-0,474	0,701
	13929	4	10,400	-26,340	0,494	-0,516	0,714
	13930	5	10,400	-26,670	0,469	-0,558	0,729
EmbeddedBeamRow_1_1	13930	1	10,400	-26,670	0,469	-0,558	0,729
Element 1-18 (Embedded beam row)	13931	2	10,400	-27,002	0,444	-0,599	0,745
(palo 1500)	13932	3	10,400	-27,335	0,418	-0,639	0,763
	13933	4	10,400	-27,667	0,390	-0,678	0,782
	13934	5	10,400	-28,000	0,362	-0,715	0,802
EmbeddedBeamRow_1_1	13934	1	10,400	-28,000	0,362	-0,715	0,802
Element 1-19 (Embedded beam row)	13935	2	10,400	-28,403	0,327	-0,760	0,827
(palo 1500)	13936	3	10,400	-28,805	0,291	-0,802	0,853
	13937	4	10,400	-29,207	0,254	-0,843	0,880
	13938	5	10,400	-29,610	0,216	-0,881	0,907
EmbeddedBeamRow_3_1	13939	1	14,300	-5,610	-0,318	3,327	3,342
Element 2-20 (Embedded beam row)	13940	2	14,300	-6,010	-0,177	3,185	3,190
(palo 1500)	13941	3	14,300	-6,411	0,001	3,040	3,040
	13942	4	14,300	-6,811	0,214	2,892	2,900
	13943	5	14,300	-7,211	0,457	2,743	2,781
EmbeddedBeamRow_3_1	13943	1	14,300	-7,211	0,457	2,743	2,781

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
Element 2-21 (Embedded beam row)	13944	2	14,300	-7,524	0,438	2,668	2,703
(palo 1500)	13945	3	14,300	-7,836	0,420	2,592	2,626
	13946	4	14,300	-8,149	0,405	2,516	2,548
	13947	5	14,300	-8,461	0,393	2,439	2,471
EmbeddedBeamRow_3_1	13947	1	14,300	-8,461	0,393	2,439	2,471
Element 2-22 (Embedded beam row)	13948	2	14,300	-8,774	0,384	2,362	2,393
(palo 1500)	13949	3	14,300	-9,086	0,378	2,285	2,316
	13950	4	14,300	-9,399	0,375	2,208	2,240
	13951	5	14,300	-9,711	0,375	2,132	2,164
EmbeddedBeamRow_3_1	13951	1	14,300	-9,711	0,375	2,132	2,164
Element 2-23 (Embedded beam row)	13952	2	14,300	-10,024	0,378	2,055	2,090
(palo 1500)	13953	3	14,300	-10,336	0,384	1,979	2,016
	13954	4	14,300	-10,649	0,392	1,904	1,944
	13955	5	14,300	-10,961	0,405	1,829	1,873
EmbeddedBeamRow_3_1	13955	1	14,300	-10,961	0,405	1,829	1,873
Element 2-24 (Embedded beam row)	13956	2	14,300	-11,274	0,420	1,755	1,805
(palo 1500)	13957	3	14,300	-11,586	0,438	1,682	1,738
	13958	4	14,300	-11,899	0,460	1,610	1,674
	13959	5	14,300	-12,211	0,484	1,539	1,613
EmbeddedBeamRow_3_1	13959	1	14,300	-12,211	0,484	1,539	1,613
Element 2-25 (Embedded beam row)	13960	2	14,300	-12,496	0,476	1,480	1,555
(palo 1500)	13961	3	14,300	-12,781	0,467	1,422	1,497
	13962	4	14,300	-13,066	0,459	1,364	1,440
	13963	5	14,300	-13,351	0,452	1,307	1,383
EmbeddedBeamRow_3_1	13963	1	14,300	-13,351	0,452	1,307	1,383
Element 2-26 (Embedded beam row)	13964	2	14,300	-13,639	0,445	1,250	1,327

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
(palo 1500)	13965	3	14,300	-13,927	0,438	1,193	1,271
	13966	4	14,300	-14,215	0,431	1,137	1,216
	13967	5	14,300	-14,503	0,425	1,082	1,162
EmbeddedBeamRow_3_1	13967	1	14,300	-14,503	0,425	1,082	1,162
Element 2-27 (Embedded beam row)	13968	2	14,300	-14,794	0,419	1,026	1,108
(palo 1500)	13969	3	14,300	-15,084	0,413	0,971	1,056
	13970	4	14,300	-15,375	0,408	0,917	1,004
	13971	5	14,300	-15,666	0,402	0,864	0,953
EmbeddedBeamRow_3_1	13971	1	14,300	-15,666	0,402	0,864	0,953
Element 2-28 (Embedded beam row)	13972	2	14,300	-15,960	0,397	0,810	0,902
(palo 1500)	13973	3	14,300	-16,254	0,392	0,758	0,853
	13974	4	14,300	-16,548	0,388	0,705	0,805
	13975	5	14,300	-16,842	0,383	0,654	0,758
EmbeddedBeamRow_3_1	13975	1	14,300	-16,842	0,383	0,654	0,758
Element 2-29 (Embedded beam row)	13976	2	14,300	-17,140	0,378	0,603	0,712
(palo 1500)	13977	3	14,300	-17,437	0,374	0,552	0,667
	13978	4	14,300	-17,734	0,370	0,502	0,624
	13979	5	14,300	-18,031	0,366	0,453	0,582
EmbeddedBeamRow_3_1	13979	1	14,300	-18,031	0,366	0,453	0,582
Element 2-30 (Embedded beam row)	13980	2	14,300	-18,331	0,361	0,404	0,542
(palo 1500)	13981	3	14,300	-18,631	0,357	0,355	0,504
	13982	4	14,300	-18,932	0,353	0,308	0,469
	13983	5	14,300	-19,232	0,350	0,260	0,436
EmbeddedBeamRow_3_1	13983	1	14,300	-19,232	0,350	0,260	0,436
Element 2-31 (Embedded beam row)	13984	2	14,300	-19,535	0,346	0,213	0,406
(palo 1500)	13985	3	14,300	-19,839	0,342	0,167	0,381

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	13986	4	14,300	-20,142	0,339	0,121	0,360
	13987	5	14,300	-20,445	0,335	0,076	0,343
EmbeddedBeamRow_3_1	13987	1	14,300	-20,445	0,335	0,076	0,343
Element 2-32 (Embedded beam row)	13988	2	14,300	-20,752	0,331	0,031	0,332
(palo 1500)	13989	3	14,300	-21,059	0,327	-0,014	0,328
	13990	4	14,300	-21,365	0,324	-0,058	0,329
	13991	5	14,300	-21,672	0,320	-0,101	0,336
EmbeddedBeamRow_3_1	13991	1	14,300	-21,672	0,320	-0,101	0,336
Element 2-33 (Embedded beam row)	13992	2	14,300	-21,982	0,317	-0,145	0,348
(palo 1500)	13993	3	14,300	-22,291	0,314	-0,187	0,365
	13994	4	14,300	-22,601	0,310	-0,230	0,386
	13995	5	14,300	-22,911	0,307	-0,271	0,410
EmbeddedBeamRow_3_1	13995	1	14,300	-22,911	0,307	-0,271	0,410
Element 2-34 (Embedded beam row)	13996	2	14,300	-23,224	0,304	-0,313	0,436
(palo 1500)	13997	3	14,300	-23,537	0,300	-0,354	0,464
	13998	4	14,300	-23,850	0,296	-0,394	0,493
	13999	5	14,300	-24,163	0,292	-0,433	0,523
EmbeddedBeamRow_3_1	13999	1	14,300	-24,163	0,292	-0,433	0,523
Element 2-35 (Embedded beam row)	14000	2	14,300	-24,480	0,288	-0,473	0,553
(palo 1500)	14001	3	14,300	-24,796	0,283	-0,511	0,584
	14002	4	14,300	-25,113	0,278	-0,549	0,615
	14003	5	14,300	-25,429	0,272	-0,586	0,646
EmbeddedBeamRow_3_1	14003	1	14,300	-25,429	0,272	-0,586	0,646
Element 2-36 (Embedded beam row)	14004	2	14,300	-25,749	0,266	-0,622	0,677
(palo 1500)	14005	3	14,300	-26,068	0,260	-0,658	0,708
	14006	4	14,300	-26,388	0,253	-0,693	0,738

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	14007	5	14,300	-26,708	0,246	-0,728	0,768
EmbeddedBeamRow_3_1	14007	1	14,300	-26,708	0,246	-0,728	0,768
Element 2-37 (Embedded beam row)	14008	2	14,300	-27,031	0,238	-0,762	0,798
(palo 1500)	14009	3	14,300	-27,354	0,231	-0,795	0,828
	14010	4	14,300	-27,677	0,222	-0,827	0,856
	14011	5	14,300	-28,000	0,214	-0,858	0,885
EmbeddedBeamRow_3_1	14011	1	14,300	-28,000	0,214	-0,858	0,885
Element 2-38 (Embedded beam row)	14012	2	14,300	-28,403	0,203	-0,896	0,919
(palo 1500)	14013	3	14,300	-28,805	0,191	-0,932	0,952
	14014	4	14,300	-29,207	0,179	-0,967	0,984
	14015	5	14,300	-29,610	0,167	-1,000	1,014
EmbeddedBeamRow_2_1	14016	1	18,200	-5,610	-1,552	2,511	2,952
Element 3-39 (Embedded beam row)	14017	2	18,200	-5,885	-1,482	2,400	2,820
(palo 1500)	14018	3	18,200	-6,159	-1,385	2,287	2,674
	14019	4	18,200	-6,434	-1,264	2,174	2,515
	14020	5	18,200	-6,709	-1,117	2,061	2,344
EmbeddedBeamRow_2_1	14020	1	18,200	-6,709	-1,117	2,061	2,344
Element 3-40 (Embedded beam row)	14021	2	18,200	-6,951	-0,966	1,961	2,187
(palo 1500)	14022	3	18,200	-7,194	-0,796	1,864	2,027
	14023	4	18,200	-7,436	-0,607	1,770	1,871
	14024	5	18,200	-7,678	-0,405	1,680	1,728
EmbeddedBeamRow_2_1	14024	1	18,200	-7,678	-0,405	1,680	1,728
Element 3-41 (Embedded beam row)	14025	2	18,200	-7,991	-0,417	1,612	1,665
(palo 1500)	14026	3	18,200	-8,303	-0,428	1,546	1,604
	14027	4	18,200	-8,616	-0,433	1,481	1,543
	14028	5	18,200	-8,928	-0,434	1,416	1,481

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
EmbeddedBeamRow_2_1	14028	1	18,200	-8,928	-0,434	1,416	1,481
Element 3-42 (Embedded beam row)	14029	2	18,200	-9,241	-0,431	1,352	1,419
(palo 1500)	14030	3	18,200	-9,553	-0,423	1,289	1,356
	14031	4	18,200	-9,866	-0,411	1,226	1,293
	14032	5	18,200	-10,178	-0,395	1,165	1,230
EmbeddedBeamRow_2_1	14032	1	18,200	-10,178	-0,395	1,165	1,230
Element 3-43 (Embedded beam row)	14033	2	18,200	-10,491	-0,375	1,104	1,166
(palo 1500)	14034	3	18,200	-10,803	-0,351	1,044	1,102
	14035	4	18,200	-11,116	-0,324	0,986	1,038
	14036	5	18,200	-11,428	-0,293	0,928	0,973
EmbeddedBeamRow_2_1	14036	1	18,200	-11,428	-0,293	0,928	0,973
Element 3-44 (Embedded beam row)	14037	2	18,200	-11,741	-0,258	0,871	0,909
(palo 1500)	14038	3	18,200	-12,053	-0,219	0,815	0,844
	14039	4	18,200	-12,366	-0,177	0,760	0,781
	14040	5	18,200	-12,678	-0,131	0,707	0,719
EmbeddedBeamRow_2_1	14040	1	18,200	-12,678	-0,131	0,707	0,719
Element 3-45 (Embedded beam row)	14041	2	18,200	-12,978	-0,129	0,662	0,674
(palo 1500)	14042	3	18,200	-13,277	-0,127	0,618	0,631
	14043	4	18,200	-13,577	-0,124	0,575	0,588
	14044	5	18,200	-13,876	-0,122	0,532	0,546
EmbeddedBeamRow_2_1	14044	1	18,200	-13,876	-0,122	0,532	0,546
Element 3-46 (Embedded beam row)	14045	2	18,200	-14,179	-0,118	0,490	0,504
(palo 1500)	14046	3	18,200	-14,482	-0,115	0,448	0,463
	14047	4	18,200	-14,785	-0,111	0,407	0,422
	14048	5	18,200	-15,088	-0,107	0,366	0,382
EmbeddedBeamRow_2_1	14048	1	18,200	-15,088	-0,107	0,366	0,382

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
Element 3-47 (Embedded beam row)	14049	2	18,200	-15,395	-0,103	0,326	0,342
(palo 1500)	14050	3	18,200	-15,701	-0,098	0,286	0,302
	14051	4	18,200	-16,008	-0,094	0,247	0,264
	14052	5	18,200	-16,314	-0,089	0,208	0,226
EmbeddedBeamRow_2_1	14052	1	18,200	-16,314	-0,089	0,208	0,226
Element 3-48 (Embedded beam row)	14053	2	18,200	-16,624	-0,085	0,169	0,189
(palo 1500)	14054	3	18,200	-16,934	-0,080	0,131	0,154
	14055	4	18,200	-17,244	-0,075	0,094	0,120
	14056	5	18,200	-17,554	-0,070	0,057	0,090
EmbeddedBeamRow_2_1	14056	1	18,200	-17,554	-0,070	0,057	0,090
Element 3-49 (Embedded beam row)	14057	2	18,200	-17,868	-0,065	0,020	0,068
(palo 1500)	14058	3	18,200	-18,181	-0,059	-0,016	0,062
	14059	4	18,200	-18,495	-0,054	-0,051	0,075
	14060	5	18,200	-18,808	-0,049	-0,086	0,099
EmbeddedBeamRow_2_1	14060	1	18,200	-18,808	-0,049	-0,086	0,099
Element 3-50 (Embedded beam row)	14061	2	18,200	-19,125	-0,044	-0,121	0,129
(palo 1500)	14062	3	18,200	-19,442	-0,039	-0,156	0,160
	14063	4	18,200	-19,760	-0,033	-0,190	0,192
	14064	5	18,200	-20,077	-0,028	-0,223	0,225
EmbeddedBeamRow_2_1	14064	1	18,200	-20,077	-0,028	-0,223	0,225
Element 3-51 (Embedded beam row)	14065	2	18,200	-20,398	-0,022	-0,256	0,257
(palo 1500)	14066	3	18,200	-20,718	-0,017	-0,289	0,289
	14067	4	18,200	-21,039	-0,011	-0,321	0,321
	14068	5	18,200	-21,360	-0,005	-0,353	0,353
EmbeddedBeamRow_2_1	14068	1	18,200	-21,360	-0,005	-0,353	0,353
Element 3-52 (Embedded beam row)	14069	2	18,200	-21,684	0,001	-0,385	0,385

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
(palo 1500)	14070	3	18,200	-22,009	0,007	-0,416	0,416
	14071	4	18,200	-22,333	0,013	-0,447	0,447
	14072	5	18,200	-22,658	0,019	-0,477	0,477
EmbeddedBeamRow_2_1	14072	1	18,200	-22,658	0,019	-0,477	0,477
Element 3-53 (Embedded beam row)	14073	2	18,200	-22,986	0,025	-0,507	0,508
(palo 1500)	14074	3	18,200	-23,314	0,032	-0,537	0,538
	14075	4	18,200	-23,642	0,039	-0,567	0,568
	14076	5	18,200	-23,971	0,046	-0,596	0,597
EmbeddedBeamRow_2_1	14076	1	18,200	-23,971	0,046	-0,596	0,597
Element 3-54 (Embedded beam row)	14077	2	18,200	-24,302	0,054	-0,625	0,627
(palo 1500)	14078	3	18,200	-24,634	0,062	-0,653	0,656
	14079	4	18,200	-24,966	0,070	-0,681	0,685
	14080	5	18,200	-25,298	0,078	-0,708	0,713
EmbeddedBeamRow_2_1	14080	1	18,200	-25,298	0,078	-0,708	0,713
Element 3-55 (Embedded beam row)	14081	2	18,200	-25,634	0,086	-0,736	0,741
(palo 1500)	14082	3	18,200	-25,970	0,093	-0,762	0,768
	14083	4	18,200	-26,306	0,101	-0,788	0,795
	14084	5	18,200	-26,641	0,109	-0,813	0,821
EmbeddedBeamRow_2_1	14084	1	18,200	-26,641	0,109	-0,813	0,821
Element 3-56 (Embedded beam row)	14085	2	18,200	-26,981	0,117	-0,838	0,846
(palo 1500)	14086	3	18,200	-27,321	0,124	-0,863	0,872
	14087	4	18,200	-27,660	0,132	-0,886	0,896
	14088	5	18,200	-28,000	0,139	-0,909	0,920
EmbeddedBeamRow_2_1	14088	1	18,200	-28,000	0,139	-0,909	0,920
Element 3-57 (Embedded beam row)	14089	2	18,200	-28,403	0,148	-0,935	0,947
(palo 1500)	14090	3	18,200	-28,805	0,157	-0,960	0,973

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	14091	4	18,200	-29,207	0,166	-0,984	0,998
	14092	5	18,200	-29,610	0,175	-1,007	1,022

3.3.1.1.1.7 Calculation results, Embedded beam row, rinfianco [Phase_9] (12/32), Table of total displacements

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
EmbeddedBeamRow_1_1	13862	1	10,400	-5,610	0,604	1,744	1,846
Element 1-1 (Embedded beam row)	13863	2	10,400	-5,894	0,775	1,639	1,813
(palo 1500)	13864	3	10,400	-6,177	0,957	1,531	1,806
	13865	4	10,400	-6,461	1,148	1,421	1,826
	13866	5	10,400	-6,744	1,344	1,310	1,877
EmbeddedBeamRow_1_1	13866	1	10,400	-6,744	1,344	1,310	1,877
Element 1-2 (Embedded beam row)	13867	2	10,400	-7,057	1,363	1,225	1,833
(palo 1500)	13868	3	10,400	-7,369	1,376	1,141	1,788
	13869	4	10,400	-7,682	1,387	1,056	1,743
	13870	5	10,400	-7,994	1,395	0,971	1,699
EmbeddedBeamRow_1_1	13870	1	10,400	-7,994	1,395	0,971	1,699
Element 1-3 (Embedded beam row)	13871	2	10,400	-8,307	1,400	0,886	1,657
(palo 1500)	13872	3	10,400	-8,619	1,404	0,800	1,616
	13873	4	10,400	-8,932	1,406	0,715	1,578
	13874	5	10,400	-9,244	1,407	0,631	1,542
EmbeddedBeamRow_1_1	13874	1	10,400	-9,244	1,407	0,631	1,542
Element 1-4 (Embedded beam row)	13875	2	10,400	-9,557	1,407	0,546	1,510
(palo 1500)	13876	3	10,400	-9,869	1,407	0,463	1,481
	13877	4	10,400	-10,182	1,406	0,381	1,457
	13878	5	10,400	-10,494	1,405	0,299	1,437
EmbeddedBeamRow_1_1	13878	1	10,400	-10,494	1,405	0,299	1,437
Element 1-5 (Embedded beam row)	13879	2	10,400	-10,807	1,405	0,219	1,422
(palo 1500)	13880	3	10,400	-11,119	1,405	0,140	1,412

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	13881	4	10,400	-11,432	1,406	0,063	1,408
	13882	5	10,400	-11,744	1,408	-0,013	1,408
EmbeddedBeamRow_1_1	13882	1	10,400	-11,744	1,408	-0,013	1,408
Element 1-6 (Embedded beam row)	13883	2	10,400	-12,038	1,389	-0,079	1,391
(palo 1500)	13884	3	10,400	-12,331	1,370	-0,144	1,377
	13885	4	10,400	-12,624	1,350	-0,209	1,366
	13886	5	10,400	-12,918	1,331	-0,273	1,358
EmbeddedBeamRow_1_1	13886	1	10,400	-12,918	1,331	-0,273	1,358
Element 1-7 (Embedded beam row)	13887	2	10,400	-13,214	1,310	-0,337	1,353
(palo 1500)	13888	3	10,400	-13,510	1,290	-0,400	1,351
	13889	4	10,400	-13,807	1,270	-0,463	1,352
	13890	5	10,400	-14,103	1,250	-0,525	1,356
EmbeddedBeamRow_1_1	13890	1	10,400	-14,103	1,250	-0,525	1,356
Element 1-8 (Embedded beam row)	13891	2	10,400	-14,403	1,230	-0,586	1,363
(palo 1500)	13892	3	10,400	-14,702	1,211	-0,647	1,373
	13893	4	10,400	-15,002	1,191	-0,708	1,385
	13894	5	10,400	-15,302	1,171	-0,767	1,400
EmbeddedBeamRow_1_1	13894	1	10,400	-15,302	1,171	-0,767	1,400
Element 1-9 (Embedded beam row)	13895	2	10,400	-15,604	1,152	-0,826	1,418
(palo 1500)	13896	3	10,400	-15,907	1,133	-0,885	1,438
	13897	4	10,400	-16,210	1,115	-0,943	1,460
	13898	5	10,400	-16,512	1,096	-1,000	1,484
EmbeddedBeamRow_1_1	13898	1	10,400	-16,512	1,096	-1,000	1,484
Element 1-10 (Embedded beam row)	13899	2	10,400	-16,818	1,078	-1,057	1,509
(palo 1500)	13900	3	10,400	-17,124	1,060	-1,113	1,537
	13901	4	10,400	-17,430	1,042	-1,168	1,565

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	13902	5	10,400	-17,736	1,025	-1,222	1,595
EmbeddedBeamRow_1_1	13902	1	10,400	-17,736	1,025	-1,222	1,595
Element 1-11 (Embedded beam row)	13903	2	10,400	-18,045	1,007	-1,276	1,626
(palo 1500)	13904	3	10,400	-18,354	0,989	-1,330	1,657
	13905	4	10,400	-18,663	0,972	-1,382	1,690
	13906	5	10,400	-18,973	0,955	-1,434	1,723
EmbeddedBeamRow_1_1	13906	1	10,400	-18,973	0,955	-1,434	1,723
Element 1-12 (Embedded beam row)	13907	2	10,400	-19,285	0,938	-1,486	1,758
(palo 1500)	13908	3	10,400	-19,597	0,921	-1,538	1,792
	13909	4	10,400	-19,910	0,904	-1,588	1,828
	13910	5	10,400	-20,222	0,887	-1,638	1,863
EmbeddedBeamRow_1_1	13910	1	10,400	-20,222	0,887	-1,638	1,863
Element 1-13 (Embedded beam row)	13911	2	10,400	-20,538	0,870	-1,688	1,899
(palo 1500)	13912	3	10,400	-20,853	0,853	-1,737	1,936
	13913	4	10,400	-21,169	0,836	-1,786	1,972
	13914	5	10,400	-21,485	0,818	-1,834	2,008
EmbeddedBeamRow_1_1	13914	1	10,400	-21,485	0,818	-1,834	2,008
Element 1-14 (Embedded beam row)	13915	2	10,400	-21,804	0,800	-1,882	2,045
(palo 1500)	13916	3	10,400	-22,123	0,781	-1,929	2,081
	13917	4	10,400	-22,442	0,761	-1,976	2,117
	13918	5	10,400	-22,761	0,740	-2,021	2,153
EmbeddedBeamRow_1_1	13918	1	10,400	-22,761	0,740	-2,021	2,153
Element 1-15 (Embedded beam row)	13919	2	10,400	-23,083	0,719	-2,067	2,188
(palo 1500)	13920	3	10,400	-23,405	0,696	-2,112	2,224
	13921	4	10,400	-23,728	0,673	-2,156	2,259
	13922	5	10,400	-24,050	0,649	-2,199	2,293

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
EmbeddedBeamRow_1_1	13922	1	10,400	-24,050	0,649	-2,199	2,293
Element 1-16 (Embedded beam row)	13923	2	10,400	-24,376	0,623	-2,243	2,328
(palo 1500)	13924	3	10,400	-24,701	0,597	-2,285	2,362
	13925	4	10,400	-25,027	0,569	-2,327	2,396
	13926	5	10,400	-25,353	0,541	-2,368	2,429
EmbeddedBeamRow_1_1	13926	1	10,400	-25,353	0,541	-2,368	2,429
Element 1-17 (Embedded beam row)	13927	2	10,400	-25,682	0,511	-2,409	2,462
(palo 1500)	13928	3	10,400	-26,011	0,480	-2,449	2,495
	13929	4	10,400	-26,340	0,448	-2,488	2,528
	13930	5	10,400	-26,670	0,414	-2,526	2,560
EmbeddedBeamRow_1_1	13930	1	10,400	-26,670	0,414	-2,526	2,560
Element 1-18 (Embedded beam row)	13931	2	10,400	-27,002	0,379	-2,563	2,591
(palo 1500)	13932	3	10,400	-27,335	0,344	-2,600	2,623
	13933	4	10,400	-27,667	0,307	-2,636	2,654
	13934	5	10,400	-28,000	0,269	-2,670	2,684
EmbeddedBeamRow_1_1	13934	1	10,400	-28,000	0,269	-2,670	2,684
Element 1-19 (Embedded beam row)	13935	2	10,400	-28,403	0,222	-2,711	2,720
(palo 1500)	13936	3	10,400	-28,805	0,174	-2,750	2,756
	13937	4	10,400	-29,207	0,124	-2,788	2,790
	13938	5	10,400	-29,610	0,074	-2,823	2,824
EmbeddedBeamRow_3_1	13939	1	14,300	-5,610	-0,573	1,636	1,734
Element 2-20 (Embedded beam row)	13940	2	14,300	-6,010	-0,377	1,499	1,546
(palo 1500)	13941	3	14,300	-6,411	-0,148	1,358	1,366
	13942	4	14,300	-6,811	0,111	1,215	1,220
	13943	5	14,300	-7,211	0,396	1,072	1,143
EmbeddedBeamRow_3_1	13943	1	14,300	-7,211	0,396	1,072	1,143

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
Element 2-21 (Embedded beam row)	13944	2	14,300	-7,524	0,406	1,000	1,079
(palo 1500)	13945	3	14,300	-7,836	0,415	0,928	1,017
	13946	4	14,300	-8,149	0,425	0,855	0,955
	13947	5	14,300	-8,461	0,436	0,783	0,896
EmbeddedBeamRow_3_1	13947	1	14,300	-8,461	0,436	0,783	0,896
Element 2-22 (Embedded beam row)	13948	2	14,300	-8,774	0,448	0,709	0,839
(palo 1500)	13949	3	14,300	-9,086	0,461	0,636	0,786
	13950	4	14,300	-9,399	0,475	0,563	0,737
	13951	5	14,300	-9,711	0,491	0,490	0,694
EmbeddedBeamRow_3_1	13951	1	14,300	-9,711	0,491	0,490	0,694
Element 2-23 (Embedded beam row)	13952	2	14,300	-10,024	0,509	0,417	0,658
(palo 1500)	13953	3	14,300	-10,336	0,528	0,345	0,630
	13954	4	14,300	-10,649	0,548	0,273	0,613
	13955	5	14,300	-10,961	0,571	0,202	0,606
EmbeddedBeamRow_3_1	13955	1	14,300	-10,961	0,571	0,202	0,606
Element 2-24 (Embedded beam row)	13956	2	14,300	-11,274	0,596	0,132	0,611
(palo 1500)	13957	3	14,300	-11,586	0,623	0,063	0,626
	13958	4	14,300	-11,899	0,653	-0,006	0,653
	13959	5	14,300	-12,211	0,685	-0,073	0,688
EmbeddedBeamRow_3_1	13959	1	14,300	-12,211	0,685	-0,073	0,688
Element 2-25 (Embedded beam row)	13960	2	14,300	-12,496	0,682	-0,128	0,694
(palo 1500)	13961	3	14,300	-12,781	0,679	-0,183	0,703
	13962	4	14,300	-13,066	0,676	-0,238	0,717
	13963	5	14,300	-13,351	0,673	-0,292	0,734
EmbeddedBeamRow_3_1	13963	1	14,300	-13,351	0,673	-0,292	0,734
Element 2-26 (Embedded beam row)	13964	2	14,300	-13,639	0,670	-0,345	0,754

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
(palo 1500)	13965	3	14,300	-13,927	0,667	-0,399	0,777
	13966	4	14,300	-14,215	0,664	-0,452	0,803
	13967	5	14,300	-14,503	0,661	-0,504	0,831
EmbeddedBeamRow_3_1	13967	1	14,300	-14,503	0,661	-0,504	0,831
Element 2-27 (Embedded beam row)	13968	2	14,300	-14,794	0,658	-0,556	0,862
(palo 1500)	13969	3	14,300	-15,084	0,656	-0,607	0,894
	13970	4	14,300	-15,375	0,653	-0,658	0,927
	13971	5	14,300	-15,666	0,650	-0,708	0,961
EmbeddedBeamRow_3_1	13971	1	14,300	-15,666	0,650	-0,708	0,961
Element 2-28 (Embedded beam row)	13972	2	14,300	-15,960	0,647	-0,758	0,997
(palo 1500)	13973	3	14,300	-16,254	0,645	-0,808	1,033
	13974	4	14,300	-16,548	0,642	-0,856	1,070
	13975	5	14,300	-16,842	0,639	-0,904	1,108
EmbeddedBeamRow_3_1	13975	1	14,300	-16,842	0,639	-0,904	1,108
Element 2-29 (Embedded beam row)	13976	2	14,300	-17,140	0,637	-0,952	1,146
(palo 1500)	13977	3	14,300	-17,437	0,634	-1,000	1,184
	13978	4	14,300	-17,734	0,632	-1,046	1,222
	13979	5	14,300	-18,031	0,629	-1,092	1,261
EmbeddedBeamRow_3_1	13979	1	14,300	-18,031	0,629	-1,092	1,261
Element 2-30 (Embedded beam row)	13980	2	14,300	-18,331	0,627	-1,138	1,299
(palo 1500)	13981	3	14,300	-18,631	0,625	-1,183	1,338
	13982	4	14,300	-18,932	0,623	-1,228	1,377
	13983	5	14,300	-19,232	0,621	-1,272	1,415
EmbeddedBeamRow_3_1	13983	1	14,300	-19,232	0,621	-1,272	1,415
Element 2-31 (Embedded beam row)	13984	2	14,300	-19,535	0,619	-1,316	1,454
(palo 1500)	13985	3	14,300	-19,839	0,617	-1,359	1,492

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	13986	4	14,300	-20,142	0,615	-1,402	1,531
	13987	5	14,300	-20,445	0,613	-1,444	1,568
EmbeddedBeamRow_3_1	13987	1	14,300	-20,445	0,613	-1,444	1,568
Element 2-32 (Embedded beam row)	13988	2	14,300	-20,752	0,611	-1,485	1,606
(palo 1500)	13989	3	14,300	-21,059	0,610	-1,527	1,644
	13990	4	14,300	-21,365	0,608	-1,568	1,681
	13991	5	14,300	-21,672	0,607	-1,608	1,719
EmbeddedBeamRow_3_1	13991	1	14,300	-21,672	0,607	-1,608	1,719
Element 2-33 (Embedded beam row)	13992	2	14,300	-21,982	0,606	-1,648	1,756
(palo 1500)	13993	3	14,300	-22,291	0,605	-1,688	1,793
	13994	4	14,300	-22,601	0,604	-1,727	1,830
	13995	5	14,300	-22,911	0,603	-1,766	1,866
EmbeddedBeamRow_3_1	13995	1	14,300	-22,911	0,603	-1,766	1,866
Element 2-34 (Embedded beam row)	13996	2	14,300	-23,224	0,602	-1,804	1,902
(palo 1500)	13997	3	14,300	-23,537	0,601	-1,842	1,938
	13998	4	14,300	-23,850	0,600	-1,880	1,973
	13999	5	14,300	-24,163	0,599	-1,916	2,008
EmbeddedBeamRow_3_1	13999	1	14,300	-24,163	0,599	-1,916	2,008
Element 2-35 (Embedded beam row)	14000	2	14,300	-24,480	0,597	-1,953	2,042
(palo 1500)	14001	3	14,300	-24,796	0,595	-1,988	2,076
	14002	4	14,300	-25,113	0,593	-2,024	2,109
	14003	5	14,300	-25,429	0,591	-2,058	2,141
EmbeddedBeamRow_3_1	14003	1	14,300	-25,429	0,591	-2,058	2,141
Element 2-36 (Embedded beam row)	14004	2	14,300	-25,749	0,588	-2,092	2,173
(palo 1500)	14005	3	14,300	-26,068	0,585	-2,125	2,204
	14006	4	14,300	-26,388	0,582	-2,158	2,235

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	14007	5	14,300	-26,708	0,578	-2,190	2,265
EmbeddedBeamRow_3_1	14007	1	14,300	-26,708	0,578	-2,190	2,265
Element 2-37 (Embedded beam row)	14008	2	14,300	-27,031	0,574	-2,221	2,294
(palo 1500)	14009	3	14,300	-27,354	0,569	-2,252	2,323
	14010	4	14,300	-27,677	0,564	-2,282	2,351
	14011	5	14,300	-28,000	0,559	-2,311	2,378
EmbeddedBeamRow_3_1	14011	1	14,300	-28,000	0,559	-2,311	2,378
Element 2-38 (Embedded beam row)	14012	2	14,300	-28,403	0,552	-2,347	2,411
(palo 1500)	14013	3	14,300	-28,805	0,544	-2,381	2,442
	14014	4	14,300	-29,207	0,536	-2,413	2,472
	14015	5	14,300	-29,610	0,528	-2,444	2,500
EmbeddedBeamRow_2_1	14016	1	18,200	-5,610	-1,807	1,384	2,277
Element 3-39 (Embedded beam row)	14017	2	18,200	-5,885	-1,700	1,276	2,125
(palo 1500)	14018	3	18,200	-6,159	-1,568	1,166	1,954
	14019	4	18,200	-6,434	-1,413	1,055	1,763
	14020	5	18,200	-6,709	-1,234	0,945	1,554
EmbeddedBeamRow_2_1	14020	1	18,200	-6,709	-1,234	0,945	1,554
Element 3-40 (Embedded beam row)	14021	2	18,200	-6,951	-1,056	0,848	1,355
(palo 1500)	14022	3	18,200	-7,194	-0,860	0,753	1,144
	14023	4	18,200	-7,436	-0,647	0,661	0,925
	14024	5	18,200	-7,678	-0,422	0,574	0,712
EmbeddedBeamRow_2_1	14024	1	18,200	-7,678	-0,422	0,574	0,712
Element 3-41 (Embedded beam row)	14025	2	18,200	-7,991	-0,406	0,509	0,651
(palo 1500)	14026	3	18,200	-8,303	-0,390	0,447	0,593
	14027	4	18,200	-8,616	-0,371	0,384	0,534
	14028	5	18,200	-8,928	-0,349	0,323	0,475

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
EmbeddedBeamRow_2_1	14028	1	18,200	-8,928	-0,349	0,323	0,475
Element 3-42 (Embedded beam row)	14029	2	18,200	-9,241	-0,324	0,262	0,416
(palo 1500)	14030	3	18,200	-9,553	-0,296	0,202	0,358
	14031	4	18,200	-9,866	-0,265	0,143	0,301
	14032	5	18,200	-10,178	-0,231	0,084	0,246
EmbeddedBeamRow_2_1	14032	1	18,200	-10,178	-0,231	0,084	0,246
Element 3-43 (Embedded beam row)	14033	2	18,200	-10,491	-0,195	0,027	0,197
(palo 1500)	14034	3	18,200	-10,803	-0,156	-0,029	0,158
	14035	4	18,200	-11,116	-0,114	-0,085	0,142
	14036	5	18,200	-11,428	-0,069	-0,140	0,156
EmbeddedBeamRow_2_1	14036	1	18,200	-11,428	-0,069	-0,140	0,156
Element 3-44 (Embedded beam row)	14037	2	18,200	-11,741	-0,022	-0,193	0,194
(palo 1500)	14038	3	18,200	-12,053	0,028	-0,246	0,247
	14039	4	18,200	-12,366	0,081	-0,298	0,309
	14040	5	18,200	-12,678	0,138	-0,348	0,375
EmbeddedBeamRow_2_1	14040	1	18,200	-12,678	0,138	-0,348	0,375
Element 3-45 (Embedded beam row)	14041	2	18,200	-12,978	0,149	-0,390	0,417
(palo 1500)	14042	3	18,200	-13,277	0,160	-0,431	0,460
	14043	4	18,200	-13,577	0,171	-0,471	0,501
	14044	5	18,200	-13,876	0,181	-0,511	0,542
EmbeddedBeamRow_2_1	14044	1	18,200	-13,876	0,181	-0,511	0,542
Element 3-46 (Embedded beam row)	14045	2	18,200	-14,179	0,192	-0,550	0,583
(palo 1500)	14046	3	18,200	-14,482	0,203	-0,589	0,623
	14047	4	18,200	-14,785	0,213	-0,627	0,663
	14048	5	18,200	-15,088	0,224	-0,665	0,702
EmbeddedBeamRow_2_1	14048	1	18,200	-15,088	0,224	-0,665	0,702

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
Element 3-47 (Embedded beam row)	14049	2	18,200	-15,395	0,234	-0,703	0,741
(palo 1500)	14050	3	18,200	-15,701	0,245	-0,740	0,779
	14051	4	18,200	-16,008	0,255	-0,776	0,817
	14052	5	18,200	-16,314	0,266	-0,812	0,854
EmbeddedBeamRow_2_1	14052	1	18,200	-16,314	0,266	-0,812	0,854
Element 3-48 (Embedded beam row)	14053	2	18,200	-16,624	0,276	-0,847	0,891
(palo 1500)	14054	3	18,200	-16,934	0,287	-0,882	0,928
	14055	4	18,200	-17,244	0,297	-0,917	0,964
	14056	5	18,200	-17,554	0,307	-0,951	0,999
EmbeddedBeamRow_2_1	14056	1	18,200	-17,554	0,307	-0,951	0,999
Element 3-49 (Embedded beam row)	14057	2	18,200	-17,868	0,318	-0,985	1,035
(palo 1500)	14058	3	18,200	-18,181	0,328	-1,018	1,070
	14059	4	18,200	-18,495	0,339	-1,051	1,104
	14060	5	18,200	-18,808	0,349	-1,083	1,138
EmbeddedBeamRow_2_1	14060	1	18,200	-18,808	0,349	-1,083	1,138
Element 3-50 (Embedded beam row)	14061	2	18,200	-19,125	0,360	-1,116	1,172
(palo 1500)	14062	3	18,200	-19,442	0,371	-1,147	1,206
	14063	4	18,200	-19,760	0,382	-1,178	1,239
	14064	5	18,200	-20,077	0,393	-1,209	1,271
EmbeddedBeamRow_2_1	14064	1	18,200	-20,077	0,393	-1,209	1,271
Element 3-51 (Embedded beam row)	14065	2	18,200	-20,398	0,404	-1,240	1,304
(palo 1500)	14066	3	18,200	-20,718	0,415	-1,270	1,336
	14067	4	18,200	-21,039	0,427	-1,299	1,368
	14068	5	18,200	-21,360	0,440	-1,329	1,400
EmbeddedBeamRow_2_1	14068	1	18,200	-21,360	0,440	-1,329	1,400
Element 3-52 (Embedded beam row)	14069	2	18,200	-21,684	0,452	-1,358	1,431

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
(palo 1500)	14070	3	18,200	-22,009	0,465	-1,387	1,463
	14071	4	18,200	-22,333	0,478	-1,415	1,494
	14072	5	18,200	-22,658	0,492	-1,443	1,524
EmbeddedBeamRow_2_1	14072	1	18,200	-22,658	0,492	-1,443	1,524
Element 3-53 (Embedded beam row)	14073	2	18,200	-22,986	0,506	-1,471	1,555
(palo 1500)	14074	3	18,200	-23,314	0,521	-1,498	1,586
	14075	4	18,200	-23,642	0,536	-1,525	1,617
	14076	5	18,200	-23,971	0,552	-1,552	1,647
EmbeddedBeamRow_2_1	14076	1	18,200	-23,971	0,552	-1,552	1,647
Element 3-54 (Embedded beam row)	14077	2	18,200	-24,302	0,568	-1,578	1,678
(palo 1500)	14078	3	18,200	-24,634	0,585	-1,605	1,708
	14079	4	18,200	-24,966	0,603	-1,631	1,738
	14080	5	18,200	-25,298	0,620	-1,656	1,768
EmbeddedBeamRow_2_1	14080	1	18,200	-25,298	0,620	-1,656	1,768
Element 3-55 (Embedded beam row)	14081	2	18,200	-25,634	0,638	-1,681	1,798
(palo 1500)	14082	3	18,200	-25,970	0,656	-1,705	1,827
	14083	4	18,200	-26,306	0,674	-1,729	1,856
	14084	5	18,200	-26,641	0,692	-1,753	1,884
EmbeddedBeamRow_2_1	14084	1	18,200	-26,641	0,692	-1,753	1,884
Element 3-56 (Embedded beam row)	14085	2	18,200	-26,981	0,710	-1,776	1,913
(palo 1500)	14086	3	18,200	-27,321	0,728	-1,798	1,940
	14087	4	18,200	-27,660	0,747	-1,820	1,967
	14088	5	18,200	-28,000	0,765	-1,841	1,994
EmbeddedBeamRow_2_1	14088	1	18,200	-28,000	0,765	-1,841	1,994
Element 3-57 (Embedded beam row)	14089	2	18,200	-28,403	0,787	-1,866	2,025
(palo 1500)	14090	3	18,200	-28,805	0,808	-1,889	2,055

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	14091	4	18,200	-29,207	0,830	-1,911	2,084
	14092	5	18,200	-29,610	0,852	-1,932	2,112

3.3.1.1.1.8 Calculation results, Embedded beam row, Versante - fase B [Phase_10] (10/36), Table of total displacements

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
EmbeddedBeamRow_1_1	13862	1	10,400	-5,610	-2,914	-1,809	3,430
Element 1-1 (Embedded beam row)	13863	2	10,400	-5,894	-2,923	-1,806	3,436
(palo 1500)	13864	3	10,400	-6,177	-2,934	-1,803	3,444
	13865	4	10,400	-6,461	-2,947	-1,800	3,453
	13866	5	10,400	-6,744	-2,963	-1,797	3,465
EmbeddedBeamRow_1_1	13866	1	10,400	-6,744	-2,963	-1,797	3,465
Element 1-2 (Embedded beam row)	13867	2	10,400	-7,057	-2,981	-1,793	3,479
(palo 1500)	13868	3	10,400	-7,369	-3,002	-1,790	3,495
	13869	4	10,400	-7,682	-3,024	-1,786	3,512
	13870	5	10,400	-7,994	-3,048	-1,782	3,531
EmbeddedBeamRow_1_1	13870	1	10,400	-7,994	-3,048	-1,782	3,531
Element 1-3 (Embedded beam row)	13871	2	10,400	-8,307	-3,073	-1,779	3,551
(palo 1500)	13872	3	10,400	-8,619	-3,099	-1,775	3,572
	13873	4	10,400	-8,932	-3,126	-1,772	3,593
	13874	5	10,400	-9,244	-3,154	-1,768	3,616
EmbeddedBeamRow_1_1	13874	1	10,400	-9,244	-3,154	-1,768	3,616
Element 1-4 (Embedded beam row)	13875	2	10,400	-9,557	-3,182	-1,764	3,638
(palo 1500)	13876	3	10,400	-9,869	-3,210	-1,760	3,661
	13877	4	10,400	-10,182	-3,239	-1,757	3,685
	13878	5	10,400	-10,494	-3,267	-1,753	3,708
EmbeddedBeamRow_1_1	13878	1	10,400	-10,494	-3,267	-1,753	3,708
Element 1-5 (Embedded beam row)	13879	2	10,400	-10,807	-3,296	-1,749	3,731
(palo 1500)	13880	3	10,400	-11,119	-3,324	-1,745	3,754

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	13881	4	10,400	-11,432	-3,351	-1,742	3,776
	13882	5	10,400	-11,744	-3,377	-1,738	3,798
EmbeddedBeamRow_1_1	13882	1	10,400	-11,744	-3,377	-1,738	3,798
Element 1-6 (Embedded beam row)	13883	2	10,400	-12,038	-3,401	-1,734	3,818
(palo 1500)	13884	3	10,400	-12,331	-3,425	-1,730	3,837
	13885	4	10,400	-12,624	-3,447	-1,727	3,855
	13886	5	10,400	-12,918	-3,468	-1,723	3,872
EmbeddedBeamRow_1_1	13886	1	10,400	-12,918	-3,468	-1,723	3,872
Element 1-7 (Embedded beam row)	13887	2	10,400	-13,214	-3,488	-1,719	3,888
(palo 1500)	13888	3	10,400	-13,510	-3,506	-1,715	3,903
	13889	4	10,400	-13,807	-3,524	-1,712	3,917
	13890	5	10,400	-14,103	-3,539	-1,708	3,930
EmbeddedBeamRow_1_1	13890	1	10,400	-14,103	-3,539	-1,708	3,930
Element 1-8 (Embedded beam row)	13891	2	10,400	-14,403	-3,554	-1,704	3,941
(palo 1500)	13892	3	10,400	-14,702	-3,567	-1,700	3,951
	13893	4	10,400	-15,002	-3,578	-1,696	3,960
	13894	5	10,400	-15,302	-3,588	-1,692	3,967
EmbeddedBeamRow_1_1	13894	1	10,400	-15,302	-3,588	-1,692	3,967
Element 1-9 (Embedded beam row)	13895	2	10,400	-15,604	-3,596	-1,688	3,972
(palo 1500)	13896	3	10,400	-15,907	-3,602	-1,684	3,976
	13897	4	10,400	-16,210	-3,606	-1,681	3,979
	13898	5	10,400	-16,512	-3,609	-1,677	3,980
EmbeddedBeamRow_1_1	13898	1	10,400	-16,512	-3,609	-1,677	3,980
Element 1-10 (Embedded beam row)	13899	2	10,400	-16,818	-3,610	-1,673	3,979
(palo 1500)	13900	3	10,400	-17,124	-3,610	-1,669	3,977
	13901	4	10,400	-17,430	-3,607	-1,665	3,973

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	13902	5	10,400	-17,736	-3,603	-1,661	3,968
EmbeddedBeamRow_1_1	13902	1	10,400	-17,736	-3,603	-1,661	3,968
Element 1-11 (Embedded beam row)	13903	2	10,400	-18,045	-3,597	-1,657	3,961
(palo 1500)	13904	3	10,400	-18,354	-3,590	-1,653	3,952
	13905	4	10,400	-18,663	-3,581	-1,649	3,942
	13906	5	10,400	-18,973	-3,570	-1,645	3,931
EmbeddedBeamRow_1_1	13906	1	10,400	-18,973	-3,570	-1,645	3,931
Element 1-12 (Embedded beam row)	13907	2	10,400	-19,285	-3,557	-1,641	3,918
(palo 1500)	13908	3	10,400	-19,597	-3,543	-1,637	3,903
	13909	4	10,400	-19,910	-3,528	-1,633	3,887
	13910	5	10,400	-20,222	-3,511	-1,630	3,870
EmbeddedBeamRow_1_1	13910	1	10,400	-20,222	-3,511	-1,630	3,870
Element 1-13 (Embedded beam row)	13911	2	10,400	-20,538	-3,492	-1,626	3,852
(palo 1500)	13912	3	10,400	-20,853	-3,472	-1,622	3,832
	13913	4	10,400	-21,169	-3,450	-1,618	3,811
	13914	5	10,400	-21,485	-3,427	-1,614	3,789
EmbeddedBeamRow_1_1	13914	1	10,400	-21,485	-3,427	-1,614	3,789
Element 1-14 (Embedded beam row)	13915	2	10,400	-21,804	-3,403	-1,611	3,765
(palo 1500)	13916	3	10,400	-22,123	-3,378	-1,607	3,740
	13917	4	10,400	-22,442	-3,351	-1,603	3,715
	13918	5	10,400	-22,761	-3,323	-1,600	3,688
EmbeddedBeamRow_1_1	13918	1	10,400	-22,761	-3,323	-1,600	3,688
Element 1-15 (Embedded beam row)	13919	2	10,400	-23,083	-3,294	-1,596	3,660
(palo 1500)	13920	3	10,400	-23,405	-3,264	-1,592	3,632
	13921	4	10,400	-23,728	-3,233	-1,589	3,603
	13922	5	10,400	-24,050	-3,201	-1,586	3,572

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
EmbeddedBeamRow_1_1	13922	1	10,400	-24,050	-3,201	-1,586	3,572
Element 1-16 (Embedded beam row)	13923	2	10,400	-24,376	-3,168	-1,582	3,541
(palo 1500)	13924	3	10,400	-24,701	-3,134	-1,579	3,510
	13925	4	10,400	-25,027	-3,100	-1,576	3,477
	13926	5	10,400	-25,353	-3,065	-1,572	3,445
EmbeddedBeamRow_1_1	13926	1	10,400	-25,353	-3,065	-1,572	3,445
Element 1-17 (Embedded beam row)	13927	2	10,400	-25,682	-3,029	-1,569	3,411
(palo 1500)	13928	3	10,400	-26,011	-2,992	-1,566	3,377
	13929	4	10,400	-26,340	-2,955	-1,563	3,343
	13930	5	10,400	-26,670	-2,917	-1,560	3,308
EmbeddedBeamRow_1_1	13930	1	10,400	-26,670	-2,917	-1,560	3,308
Element 1-18 (Embedded beam row)	13931	2	10,400	-27,002	-2,878	-1,557	3,273
(palo 1500)	13932	3	10,400	-27,335	-2,840	-1,555	3,237
	13933	4	10,400	-27,667	-2,800	-1,552	3,202
	13934	5	10,400	-28,000	-2,761	-1,550	3,166
EmbeddedBeamRow_1_1	13934	1	10,400	-28,000	-2,761	-1,550	3,166
Element 1-19 (Embedded beam row)	13935	2	10,400	-28,403	-2,713	-1,547	3,123
(palo 1500)	13936	3	10,400	-28,805	-2,666	-1,544	3,080
	13937	4	10,400	-29,207	-2,618	-1,541	3,038
	13938	5	10,400	-29,610	-2,570	-1,539	2,995
EmbeddedBeamRow_3_1	13939	1	14,300	-5,610	-2,916	-1,894	3,477
Element 2-20 (Embedded beam row)	13940	2	14,300	-6,010	-2,927	-1,890	3,485
(palo 1500)	13941	3	14,300	-6,411	-2,943	-1,886	3,495
	13942	4	14,300	-6,811	-2,961	-1,882	3,509
	13943	5	14,300	-7,211	-2,982	-1,878	3,524
EmbeddedBeamRow_3_1	13943	1	14,300	-7,211	-2,982	-1,878	3,524

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
Element 2-21 (Embedded beam row)	13944	2	14,300	-7,524	-2,999	-1,875	3,537
(palo 1500)	13945	3	14,300	-7,836	-3,018	-1,872	3,551
	13946	4	14,300	-8,149	-3,037	-1,869	3,566
	13947	5	14,300	-8,461	-3,057	-1,866	3,582
EmbeddedBeamRow_3_1	13947	1	14,300	-8,461	-3,057	-1,866	3,582
Element 2-22 (Embedded beam row)	13948	2	14,300	-8,774	-3,078	-1,863	3,598
(palo 1500)	13949	3	14,300	-9,086	-3,099	-1,859	3,614
	13950	4	14,300	-9,399	-3,120	-1,856	3,630
	13951	5	14,300	-9,711	-3,140	-1,853	3,646
EmbeddedBeamRow_3_1	13951	1	14,300	-9,711	-3,140	-1,853	3,646
Element 2-23 (Embedded beam row)	13952	2	14,300	-10,024	-3,161	-1,850	3,662
(palo 1500)	13953	3	14,300	-10,336	-3,181	-1,846	3,678
	13954	4	14,300	-10,649	-3,201	-1,843	3,694
	13955	5	14,300	-10,961	-3,220	-1,840	3,709
EmbeddedBeamRow_3_1	13955	1	14,300	-10,961	-3,220	-1,840	3,709
Element 2-24 (Embedded beam row)	13956	2	14,300	-11,274	-3,239	-1,837	3,724
(palo 1500)	13957	3	14,300	-11,586	-3,257	-1,833	3,737
	13958	4	14,300	-11,899	-3,274	-1,830	3,751
	13959	5	14,300	-12,211	-3,290	-1,827	3,763
EmbeddedBeamRow_3_1	13959	1	14,300	-12,211	-3,290	-1,827	3,763
Element 2-25 (Embedded beam row)	13960	2	14,300	-12,496	-3,303	-1,824	3,773
(palo 1500)	13961	3	14,300	-12,781	-3,316	-1,821	3,783
	13962	4	14,300	-13,066	-3,328	-1,818	3,792
	13963	5	14,300	-13,351	-3,338	-1,815	3,799
EmbeddedBeamRow_3_1	13963	1	14,300	-13,351	-3,338	-1,815	3,799
Element 2-26 (Embedded beam row)	13964	2	14,300	-13,639	-3,348	-1,811	3,806

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
(palo 1500)	13965	3	14,300	-13,927	-3,356	-1,808	3,812
	13966	4	14,300	-14,215	-3,364	-1,805	3,817
	13967	5	14,300	-14,503	-3,370	-1,802	3,821
EmbeddedBeamRow_3_1	13967	1	14,300	-14,503	-3,370	-1,802	3,821
Element 2-27 (Embedded beam row)	13968	2	14,300	-14,794	-3,374	-1,799	3,824
(palo 1500)	13969	3	14,300	-15,084	-3,378	-1,795	3,825
	13970	4	14,300	-15,375	-3,380	-1,792	3,826
	13971	5	14,300	-15,666	-3,381	-1,789	3,825
EmbeddedBeamRow_3_1	13971	1	14,300	-15,666	-3,381	-1,789	3,825
Element 2-28 (Embedded beam row)	13972	2	14,300	-15,960	-3,381	-1,786	3,823
(palo 1500)	13973	3	14,300	-16,254	-3,379	-1,782	3,820
	13974	4	14,300	-16,548	-3,375	-1,779	3,816
	13975	5	14,300	-16,842	-3,371	-1,776	3,810
EmbeddedBeamRow_3_1	13975	1	14,300	-16,842	-3,371	-1,776	3,810
Element 2-29 (Embedded beam row)	13976	2	14,300	-17,140	-3,365	-1,772	3,803
(palo 1500)	13977	3	14,300	-17,437	-3,357	-1,769	3,794
	13978	4	14,300	-17,734	-3,348	-1,765	3,785
	13979	5	14,300	-18,031	-3,337	-1,762	3,774
EmbeddedBeamRow_3_1	13979	1	14,300	-18,031	-3,337	-1,762	3,774
Element 2-30 (Embedded beam row)	13980	2	14,300	-18,331	-3,325	-1,759	3,761
(palo 1500)	13981	3	14,300	-18,631	-3,311	-1,755	3,748
	13982	4	14,300	-18,932	-3,296	-1,752	3,733
	13983	5	14,300	-19,232	-3,279	-1,748	3,716
EmbeddedBeamRow_3_1	13983	1	14,300	-19,232	-3,279	-1,748	3,716
Element 2-31 (Embedded beam row)	13984	2	14,300	-19,535	-3,261	-1,745	3,698
(palo 1500)	13985	3	14,300	-19,839	-3,241	-1,742	3,679

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	13986	4	14,300	-20,142	-3,219	-1,738	3,658
	13987	5	14,300	-20,445	-3,196	-1,735	3,637
EmbeddedBeamRow_3_1	13987	1	14,300	-20,445	-3,196	-1,735	3,637
Element 2-32 (Embedded beam row)	13988	2	14,300	-20,752	-3,171	-1,731	3,613
(palo 1500)	13989	3	14,300	-21,059	-3,145	-1,728	3,588
	13990	4	14,300	-21,365	-3,117	-1,725	3,562
	13991	5	14,300	-21,672	-3,088	-1,721	3,535
EmbeddedBeamRow_3_1	13991	1	14,300	-21,672	-3,088	-1,721	3,535
Element 2-33 (Embedded beam row)	13992	2	14,300	-21,982	-3,057	-1,718	3,507
(palo 1500)	13993	3	14,300	-22,291	-3,024	-1,715	3,477
	13994	4	14,300	-22,601	-2,990	-1,711	3,445
	13995	5	14,300	-22,911	-2,955	-1,708	3,413
EmbeddedBeamRow_3_1	13995	1	14,300	-22,911	-2,955	-1,708	3,413
Element 2-34 (Embedded beam row)	13996	2	14,300	-23,224	-2,918	-1,705	3,380
(palo 1500)	13997	3	14,300	-23,537	-2,880	-1,702	3,345
	13998	4	14,300	-23,850	-2,840	-1,699	3,309
	13999	5	14,300	-24,163	-2,799	-1,695	3,273
EmbeddedBeamRow_3_1	13999	1	14,300	-24,163	-2,799	-1,695	3,273
Element 2-35 (Embedded beam row)	14000	2	14,300	-24,480	-2,757	-1,692	3,235
(palo 1500)	14001	3	14,300	-24,796	-2,714	-1,689	3,197
	14002	4	14,300	-25,113	-2,669	-1,686	3,157
	14003	5	14,300	-25,429	-2,624	-1,683	3,118
EmbeddedBeamRow_3_1	14003	1	14,300	-25,429	-2,624	-1,683	3,118
Element 2-36 (Embedded beam row)	14004	2	14,300	-25,749	-2,578	-1,680	3,077
(palo 1500)	14005	3	14,300	-26,068	-2,530	-1,677	3,036
	14006	4	14,300	-26,388	-2,482	-1,674	2,994

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	14007	5	14,300	-26,708	-2,434	-1,672	2,953
EmbeddedBeamRow_3_1	14007	1	14,300	-26,708	-2,434	-1,672	2,953
Element 2-37 (Embedded beam row)	14008	2	14,300	-27,031	-2,384	-1,669	2,910
(palo 1500)	14009	3	14,300	-27,354	-2,334	-1,666	2,868
	14010	4	14,300	-27,677	-2,284	-1,664	2,826
	14011	5	14,300	-28,000	-2,233	-1,661	2,783
EmbeddedBeamRow_3_1	14011	1	14,300	-28,000	-2,233	-1,661	2,783
Element 2-38 (Embedded beam row)	14012	2	14,300	-28,403	-2,170	-1,658	2,731
(palo 1500)	14013	3	14,300	-28,805	-2,107	-1,655	2,680
	14014	4	14,300	-29,207	-2,044	-1,653	2,628
	14015	5	14,300	-29,610	-1,981	-1,650	2,578
EmbeddedBeamRow_2_1	14016	1	18,200	-5,610	-2,917	-1,974	3,523
Element 3-39 (Embedded beam row)	14017	2	18,200	-5,885	-2,925	-1,972	3,527
(palo 1500)	14018	3	18,200	-6,159	-2,934	-1,969	3,533
	14019	4	18,200	-6,434	-2,944	-1,966	3,540
	14020	5	18,200	-6,709	-2,954	-1,963	3,547
EmbeddedBeamRow_2_1	14020	1	18,200	-6,709	-2,954	-1,963	3,547
Element 3-40 (Embedded beam row)	14021	2	18,200	-6,951	-2,965	-1,961	3,555
(palo 1500)	14022	3	18,200	-7,194	-2,975	-1,959	3,562
	14023	4	18,200	-7,436	-2,987	-1,956	3,570
	14024	5	18,200	-7,678	-2,998	-1,954	3,579
EmbeddedBeamRow_2_1	14024	1	18,200	-7,678	-2,998	-1,954	3,579
Element 3-41 (Embedded beam row)	14025	2	18,200	-7,991	-3,013	-1,951	3,590
(palo 1500)	14026	3	18,200	-8,303	-3,029	-1,948	3,601
	14027	4	18,200	-8,616	-3,044	-1,944	3,612
	14028	5	18,200	-8,928	-3,059	-1,941	3,623

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
EmbeddedBeamRow_2_1	14028	1	18,200	-8,928	-3,059	-1,941	3,623
Element 3-42 (Embedded beam row)	14029	2	18,200	-9,241	-3,074	-1,938	3,634
(palo 1500)	14030	3	18,200	-9,553	-3,089	-1,935	3,645
	14031	4	18,200	-9,866	-3,103	-1,931	3,655
	14032	5	18,200	-10,178	-3,116	-1,928	3,664
EmbeddedBeamRow_2_1	14032	1	18,200	-10,178	-3,116	-1,928	3,664
Element 3-43 (Embedded beam row)	14033	2	18,200	-10,491	-3,128	-1,924	3,673
(palo 1500)	14034	3	18,200	-10,803	-3,140	-1,921	3,681
	14035	4	18,200	-11,116	-3,150	-1,918	3,688
	14036	5	18,200	-11,428	-3,160	-1,914	3,694
EmbeddedBeamRow_2_1	14036	1	18,200	-11,428	-3,160	-1,914	3,694
Element 3-44 (Embedded beam row)	14037	2	18,200	-11,741	-3,168	-1,911	3,700
(palo 1500)	14038	3	18,200	-12,053	-3,176	-1,907	3,704
	14039	4	18,200	-12,366	-3,182	-1,904	3,708
	14040	5	18,200	-12,678	-3,187	-1,900	3,710
EmbeddedBeamRow_2_1	14040	1	18,200	-12,678	-3,187	-1,900	3,710
Element 3-45 (Embedded beam row)	14041	2	18,200	-12,978	-3,190	-1,896	3,711
(palo 1500)	14042	3	18,200	-13,277	-3,193	-1,893	3,712
	14043	4	18,200	-13,577	-3,194	-1,889	3,711
	14044	5	18,200	-13,876	-3,194	-1,886	3,709
EmbeddedBeamRow_2_1	14044	1	18,200	-13,876	-3,194	-1,886	3,709
Element 3-46 (Embedded beam row)	14045	2	18,200	-14,179	-3,193	-1,882	3,706
(palo 1500)	14046	3	18,200	-14,482	-3,190	-1,878	3,702
	14047	4	18,200	-14,785	-3,187	-1,875	3,697
	14048	5	18,200	-15,088	-3,182	-1,871	3,691
EmbeddedBeamRow_2_1	14048	1	18,200	-15,088	-3,182	-1,871	3,691

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
Element 3-47 (Embedded beam row)	14049	2	18,200	-15,395	-3,175	-1,867	3,684
(palo 1500)	14050	3	18,200	-15,701	-3,168	-1,863	3,675
	14051	4	18,200	-16,008	-3,159	-1,859	3,665
	14052	5	18,200	-16,314	-3,148	-1,856	3,654
EmbeddedBeamRow_2_1	14052	1	18,200	-16,314	-3,148	-1,856	3,654
Element 3-48 (Embedded beam row)	14053	2	18,200	-16,624	-3,136	-1,852	3,642
(palo 1500)	14054	3	18,200	-16,934	-3,123	-1,848	3,628
	14055	4	18,200	-17,244	-3,108	-1,844	3,614
	14056	5	18,200	-17,554	-3,092	-1,840	3,598
EmbeddedBeamRow_2_1	14056	1	18,200	-17,554	-3,092	-1,840	3,598
Element 3-49 (Embedded beam row)	14057	2	18,200	-17,868	-3,074	-1,836	3,580
(palo 1500)	14058	3	18,200	-18,181	-3,054	-1,832	3,561
	14059	4	18,200	-18,495	-3,033	-1,827	3,541
	14060	5	18,200	-18,808	-3,011	-1,823	3,520
EmbeddedBeamRow_2_1	14060	1	18,200	-18,808	-3,011	-1,823	3,520
Element 3-50 (Embedded beam row)	14061	2	18,200	-19,125	-2,986	-1,819	3,497
(palo 1500)	14062	3	18,200	-19,442	-2,960	-1,815	3,472
	14063	4	18,200	-19,760	-2,932	-1,811	3,446
	14064	5	18,200	-20,077	-2,902	-1,807	3,419
EmbeddedBeamRow_2_1	14064	1	18,200	-20,077	-2,902	-1,807	3,419
Element 3-51 (Embedded beam row)	14065	2	18,200	-20,398	-2,870	-1,803	3,390
(palo 1500)	14066	3	18,200	-20,718	-2,837	-1,799	3,359
	14067	4	18,200	-21,039	-2,802	-1,795	3,327
	14068	5	18,200	-21,360	-2,764	-1,791	3,294
EmbeddedBeamRow_2_1	14068	1	18,200	-21,360	-2,764	-1,791	3,294
Element 3-52 (Embedded beam row)	14069	2	18,200	-21,684	-2,725	-1,787	3,259

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
(palo 1500)	14070	3	18,200	-22,009	-2,684	-1,782	3,222
	14071	4	18,200	-22,333	-2,641	-1,778	3,184
	14072	5	18,200	-22,658	-2,596	-1,774	3,145
EmbeddedBeamRow_2_1	14072	1	18,200	-22,658	-2,596	-1,774	3,145
Element 3-53 (Embedded beam row)	14073	2	18,200	-22,986	-2,549	-1,771	3,104
(palo 1500)	14074	3	18,200	-23,314	-2,501	-1,767	3,062
	14075	4	18,200	-23,642	-2,450	-1,763	3,018
	14076	5	18,200	-23,971	-2,398	-1,759	2,974
EmbeddedBeamRow_2_1	14076	1	18,200	-23,971	-2,398	-1,759	2,974
Element 3-54 (Embedded beam row)	14077	2	18,200	-24,302	-2,344	-1,755	2,928
(palo 1500)	14078	3	18,200	-24,634	-2,289	-1,751	2,882
	14079	4	18,200	-24,966	-2,232	-1,748	2,835
	14080	5	18,200	-25,298	-2,174	-1,744	2,787
EmbeddedBeamRow_2_1	14080	1	18,200	-25,298	-2,174	-1,744	2,787
Element 3-55 (Embedded beam row)	14081	2	18,200	-25,634	-2,114	-1,740	2,738
(palo 1500)	14082	3	18,200	-25,970	-2,052	-1,737	2,689
	14083	4	18,200	-26,306	-1,990	-1,733	2,639
	14084	5	18,200	-26,641	-1,928	-1,730	2,590
EmbeddedBeamRow_2_1	14084	1	18,200	-26,641	-1,928	-1,730	2,590
Element 3-56 (Embedded beam row)	14085	2	18,200	-26,981	-1,863	-1,727	2,540
(palo 1500)	14086	3	18,200	-27,321	-1,798	-1,724	2,491
	14087	4	18,200	-27,660	-1,733	-1,721	2,442
	14088	5	18,200	-28,000	-1,667	-1,718	2,394
EmbeddedBeamRow_2_1	14088	1	18,200	-28,000	-1,667	-1,718	2,394
Element 3-57 (Embedded beam row)	14089	2	18,200	-28,403	-1,589	-1,715	2,338
(palo 1500)	14090	3	18,200	-28,805	-1,511	-1,711	2,283

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	14091	4	18,200	-29,207	-1,433	-1,708	2,230
	14092	5	18,200	-29,610	-1,354	-1,706	2,178

3.3.1.1.1.9 Calculation results, Embedded beam row, Versante + SISMA [Phase_12] (11/39), Table of total displacements

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
EmbeddedBeamRow_1_1	13862	1	10,400	-5,610	-2,599	-1,765	3,141
Element 1-1 (Embedded beam row)	13863	2	10,400	-5,894	-2,611	-1,762	3,150
(palo 1500)	13864	3	10,400	-6,177	-2,625	-1,759	3,160
	13865	4	10,400	-6,461	-2,643	-1,756	3,173
	13866	5	10,400	-6,744	-2,662	-1,753	3,188
EmbeddedBeamRow_1_1	13866	1	10,400	-6,744	-2,662	-1,753	3,188
Element 1-2 (Embedded beam row)	13867	2	10,400	-7,057	-2,686	-1,750	3,206
(palo 1500)	13868	3	10,400	-7,369	-2,712	-1,747	3,226
	13869	4	10,400	-7,682	-2,741	-1,744	3,248
	13870	5	10,400	-7,994	-2,771	-1,740	3,272
EmbeddedBeamRow_1_1	13870	1	10,400	-7,994	-2,771	-1,740	3,272
Element 1-3 (Embedded beam row)	13871	2	10,400	-8,307	-2,802	-1,737	3,297
(palo 1500)	13872	3	10,400	-8,619	-2,835	-1,733	3,323
	13873	4	10,400	-8,932	-2,869	-1,730	3,351
	13874	5	10,400	-9,244	-2,904	-1,727	3,379
EmbeddedBeamRow_1_1	13874	1	10,400	-9,244	-2,904	-1,727	3,379
Element 1-4 (Embedded beam row)	13875	2	10,400	-9,557	-2,940	-1,723	3,408
(palo 1500)	13876	3	10,400	-9,869	-2,976	-1,720	3,437
	13877	4	10,400	-10,182	-3,012	-1,716	3,467
	13878	5	10,400	-10,494	-3,049	-1,713	3,497
EmbeddedBeamRow_1_1	13878	1	10,400	-10,494	-3,049	-1,713	3,497
Element 1-5 (Embedded beam row)	13879	2	10,400	-10,807	-3,085	-1,709	3,526
(palo 1500)	13880	3	10,400	-11,119	-3,120	-1,706	3,556

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	13881	4	10,400	-11,432	-3,155	-1,702	3,585
	13882	5	10,400	-11,744	-3,190	-1,698	3,614
EmbeddedBeamRow_1_1	13882	1	10,400	-11,744	-3,190	-1,698	3,614
Element 1-6 (Embedded beam row)	13883	2	10,400	-12,038	-3,221	-1,695	3,640
(palo 1500)	13884	3	10,400	-12,331	-3,251	-1,691	3,665
	13885	4	10,400	-12,624	-3,281	-1,688	3,689
	13886	5	10,400	-12,918	-3,309	-1,684	3,713
EmbeddedBeamRow_1_1	13886	1	10,400	-12,918	-3,309	-1,684	3,713
Element 1-7 (Embedded beam row)	13887	2	10,400	-13,214	-3,336	-1,681	3,735
(palo 1500)	13888	3	10,400	-13,510	-3,361	-1,677	3,756
	13889	4	10,400	-13,807	-3,385	-1,674	3,776
	13890	5	10,400	-14,103	-3,408	-1,670	3,795
EmbeddedBeamRow_1_1	13890	1	10,400	-14,103	-3,408	-1,670	3,795
Element 1-8 (Embedded beam row)	13891	2	10,400	-14,403	-3,429	-1,666	3,812
(palo 1500)	13892	3	10,400	-14,702	-3,448	-1,663	3,828
	13893	4	10,400	-15,002	-3,465	-1,659	3,842
	13894	5	10,400	-15,302	-3,481	-1,655	3,854
EmbeddedBeamRow_1_1	13894	1	10,400	-15,302	-3,481	-1,655	3,854
Element 1-9 (Embedded beam row)	13895	2	10,400	-15,604	-3,495	-1,651	3,865
(palo 1500)	13896	3	10,400	-15,907	-3,507	-1,648	3,875
	13897	4	10,400	-16,210	-3,517	-1,644	3,882
	13898	5	10,400	-16,512	-3,525	-1,640	3,888
EmbeddedBeamRow_1_1	13898	1	10,400	-16,512	-3,525	-1,640	3,888
Element 1-10 (Embedded beam row)	13899	2	10,400	-16,818	-3,532	-1,636	3,892
(palo 1500)	13900	3	10,400	-17,124	-3,536	-1,632	3,895
	13901	4	10,400	-17,430	-3,539	-1,629	3,896

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	13902	5	10,400	-17,736	-3,540	-1,625	3,895
EmbeddedBeamRow_1_1	13902	1	10,400	-17,736	-3,540	-1,625	3,895
Element 1-11 (Embedded beam row)	13903	2	10,400	-18,045	-3,538	-1,621	3,892
(palo 1500)	13904	3	10,400	-18,354	-3,535	-1,617	3,888
	13905	4	10,400	-18,663	-3,530	-1,613	3,882
	13906	5	10,400	-18,973	-3,524	-1,610	3,874
EmbeddedBeamRow_1_1	13906	1	10,400	-18,973	-3,524	-1,610	3,874
Element 1-12 (Embedded beam row)	13907	2	10,400	-19,285	-3,515	-1,606	3,865
(palo 1500)	13908	3	10,400	-19,597	-3,505	-1,602	3,854
	13909	4	10,400	-19,910	-3,493	-1,598	3,841
	13910	5	10,400	-20,222	-3,479	-1,595	3,827
EmbeddedBeamRow_1_1	13910	1	10,400	-20,222	-3,479	-1,595	3,827
Element 1-13 (Embedded beam row)	13911	2	10,400	-20,538	-3,464	-1,591	3,812
(palo 1500)	13912	3	10,400	-20,853	-3,447	-1,587	3,795
	13913	4	10,400	-21,169	-3,429	-1,583	3,777
	13914	5	10,400	-21,485	-3,409	-1,580	3,757
EmbeddedBeamRow_1_1	13914	1	10,400	-21,485	-3,409	-1,580	3,757
Element 1-14 (Embedded beam row)	13915	2	10,400	-21,804	-3,387	-1,576	3,736
(palo 1500)	13916	3	10,400	-22,123	-3,364	-1,573	3,714
	13917	4	10,400	-22,442	-3,340	-1,569	3,691
	13918	5	10,400	-22,761	-3,315	-1,566	3,666
EmbeddedBeamRow_1_1	13918	1	10,400	-22,761	-3,315	-1,566	3,666
Element 1-15 (Embedded beam row)	13919	2	10,400	-23,083	-3,288	-1,562	3,641
(palo 1500)	13920	3	10,400	-23,405	-3,261	-1,559	3,614
	13921	4	10,400	-23,728	-3,232	-1,555	3,586
	13922	5	10,400	-24,050	-3,202	-1,552	3,558

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
EmbeddedBeamRow_1_1	13922	1	10,400	-24,050	-3,202	-1,552	3,558
Element 1-16 (Embedded beam row)	13923	2	10,400	-24,376	-3,171	-1,549	3,529
(palo 1500)	13924	3	10,400	-24,701	-3,139	-1,545	3,499
	13925	4	10,400	-25,027	-3,106	-1,542	3,468
	13926	5	10,400	-25,353	-3,073	-1,539	3,437
EmbeddedBeamRow_1_1	13926	1	10,400	-25,353	-3,073	-1,539	3,437
Element 1-17 (Embedded beam row)	13927	2	10,400	-25,682	-3,038	-1,536	3,404
(palo 1500)	13928	3	10,400	-26,011	-3,003	-1,533	3,372
	13929	4	10,400	-26,340	-2,967	-1,530	3,339
	13930	5	10,400	-26,670	-2,931	-1,527	3,305
EmbeddedBeamRow_1_1	13930	1	10,400	-26,670	-2,931	-1,527	3,305
Element 1-18 (Embedded beam row)	13931	2	10,400	-27,002	-2,894	-1,524	3,271
(palo 1500)	13932	3	10,400	-27,335	-2,857	-1,522	3,237
	13933	4	10,400	-27,667	-2,819	-1,519	3,202
	13934	5	10,400	-28,000	-2,781	-1,517	3,168
EmbeddedBeamRow_1_1	13934	1	10,400	-28,000	-2,781	-1,517	3,168
Element 1-19 (Embedded beam row)	13935	2	10,400	-28,403	-2,735	-1,514	3,126
(palo 1500)	13936	3	10,400	-28,805	-2,689	-1,511	3,085
	13937	4	10,400	-29,207	-2,643	-1,509	3,043
	13938	5	10,400	-29,610	-2,597	-1,506	3,002
EmbeddedBeamRow_3_1	13939	1	14,300	-5,610	-2,601	-1,882	3,210
Element 2-20 (Embedded beam row)	13940	2	14,300	-6,010	-2,617	-1,878	3,221
(palo 1500)	13941	3	14,300	-6,411	-2,637	-1,875	3,235
	13942	4	14,300	-6,811	-2,661	-1,871	3,253
	13943	5	14,300	-7,211	-2,689	-1,867	3,273
EmbeddedBeamRow_3_1	13943	1	14,300	-7,211	-2,689	-1,867	3,273

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
Element 2-21 (Embedded beam row)	13944	2	14,300	-7,524	-2,712	-1,864	3,291
(palo 1500)	13945	3	14,300	-7,836	-2,737	-1,861	3,310
	13946	4	14,300	-8,149	-2,763	-1,858	3,330
	13947	5	14,300	-8,461	-2,790	-1,855	3,350
EmbeddedBeamRow_3_1	13947	1	14,300	-8,461	-2,790	-1,855	3,350
Element 2-22 (Embedded beam row)	13948	2	14,300	-8,774	-2,818	-1,851	3,372
(palo 1500)	13949	3	14,300	-9,086	-2,846	-1,848	3,394
	13950	4	14,300	-9,399	-2,874	-1,845	3,416
	13951	5	14,300	-9,711	-2,903	-1,842	3,438
EmbeddedBeamRow_3_1	13951	1	14,300	-9,711	-2,903	-1,842	3,438
Element 2-23 (Embedded beam row)	13952	2	14,300	-10,024	-2,931	-1,839	3,460
(palo 1500)	13953	3	14,300	-10,336	-2,959	-1,836	3,482
	13954	4	14,300	-10,649	-2,987	-1,833	3,504
	13955	5	14,300	-10,961	-3,014	-1,830	3,526
EmbeddedBeamRow_3_1	13955	1	14,300	-10,961	-3,014	-1,830	3,526
Element 2-24 (Embedded beam row)	13956	2	14,300	-11,274	-3,040	-1,826	3,547
(palo 1500)	13957	3	14,300	-11,586	-3,066	-1,823	3,567
	13958	4	14,300	-11,899	-3,091	-1,820	3,587
	13959	5	14,300	-12,211	-3,114	-1,817	3,605
EmbeddedBeamRow_3_1	13959	1	14,300	-12,211	-3,114	-1,817	3,605
Element 2-25 (Embedded beam row)	13960	2	14,300	-12,496	-3,135	-1,814	3,622
(palo 1500)	13961	3	14,300	-12,781	-3,154	-1,811	3,637
	13962	4	14,300	-13,066	-3,172	-1,808	3,651
	13963	5	14,300	-13,351	-3,190	-1,805	3,665
EmbeddedBeamRow_3_1	13963	1	14,300	-13,351	-3,190	-1,805	3,665
Element 2-26 (Embedded beam row)	13964	2	14,300	-13,639	-3,206	-1,802	3,677

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
(palo 1500)	13965	3	14,300	-13,927	-3,221	-1,799	3,689
	13966	4	14,300	-14,215	-3,234	-1,796	3,699
	13967	5	14,300	-14,503	-3,246	-1,792	3,708
EmbeddedBeamRow_3_1	13967	1	14,300	-14,503	-3,246	-1,792	3,708
Element 2-27 (Embedded beam row)	13968	2	14,300	-14,794	-3,257	-1,789	3,716
(palo 1500)	13969	3	14,300	-15,084	-3,266	-1,786	3,723
	13970	4	14,300	-15,375	-3,274	-1,783	3,728
	13971	5	14,300	-15,666	-3,281	-1,780	3,732
EmbeddedBeamRow_3_1	13971	1	14,300	-15,666	-3,281	-1,780	3,732
Element 2-28 (Embedded beam row)	13972	2	14,300	-15,960	-3,286	-1,776	3,735
(palo 1500)	13973	3	14,300	-16,254	-3,289	-1,773	3,737
	13974	4	14,300	-16,548	-3,291	-1,770	3,737
	13975	5	14,300	-16,842	-3,291	-1,767	3,735
EmbeddedBeamRow_3_1	13975	1	14,300	-16,842	-3,291	-1,767	3,735
Element 2-29 (Embedded beam row)	13976	2	14,300	-17,140	-3,290	-1,763	3,732
(palo 1500)	13977	3	14,300	-17,437	-3,287	-1,760	3,728
	13978	4	14,300	-17,734	-3,282	-1,757	3,723
	13979	5	14,300	-18,031	-3,276	-1,753	3,715
EmbeddedBeamRow_3_1	13979	1	14,300	-18,031	-3,276	-1,753	3,715
Element 2-30 (Embedded beam row)	13980	2	14,300	-18,331	-3,268	-1,750	3,707
(palo 1500)	13981	3	14,300	-18,631	-3,258	-1,747	3,697
	13982	4	14,300	-18,932	-3,247	-1,743	3,685
	13983	5	14,300	-19,232	-3,234	-1,740	3,672
EmbeddedBeamRow_3_1	13983	1	14,300	-19,232	-3,234	-1,740	3,672
Element 2-31 (Embedded beam row)	13984	2	14,300	-19,535	-3,219	-1,737	3,657
(palo 1500)	13985	3	14,300	-19,839	-3,202	-1,733	3,641

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	13986	4	14,300	-20,142	-3,184	-1,730	3,624
	13987	5	14,300	-20,445	-3,165	-1,727	3,605
EmbeddedBeamRow_3_1	13987	1	14,300	-20,445	-3,165	-1,727	3,605
Element 2-32 (Embedded beam row)	13988	2	14,300	-20,752	-3,143	-1,723	3,584
(palo 1500)	13989	3	14,300	-21,059	-3,120	-1,720	3,562
	13990	4	14,300	-21,365	-3,095	-1,717	3,539
	13991	5	14,300	-21,672	-3,068	-1,713	3,514
EmbeddedBeamRow_3_1	13991	1	14,300	-21,672	-3,068	-1,713	3,514
Element 2-33 (Embedded beam row)	13992	2	14,300	-21,982	-3,040	-1,710	3,488
(palo 1500)	13993	3	14,300	-22,291	-3,010	-1,707	3,460
	13994	4	14,300	-22,601	-2,979	-1,703	3,431
	13995	5	14,300	-22,911	-2,946	-1,700	3,401
EmbeddedBeamRow_3_1	13995	1	14,300	-22,911	-2,946	-1,700	3,401
Element 2-34 (Embedded beam row)	13996	2	14,300	-23,224	-2,911	-1,697	3,370
(palo 1500)	13997	3	14,300	-23,537	-2,875	-1,694	3,337
	13998	4	14,300	-23,850	-2,838	-1,691	3,303
	13999	5	14,300	-24,163	-2,799	-1,688	3,268
EmbeddedBeamRow_3_1	13999	1	14,300	-24,163	-2,799	-1,688	3,268
Element 2-35 (Embedded beam row)	14000	2	14,300	-24,480	-2,759	-1,684	3,232
(palo 1500)	14001	3	14,300	-24,796	-2,717	-1,681	3,196
	14002	4	14,300	-25,113	-2,675	-1,678	3,158
	14003	5	14,300	-25,429	-2,632	-1,675	3,120
EmbeddedBeamRow_3_1	14003	1	14,300	-25,429	-2,632	-1,675	3,120
Element 2-36 (Embedded beam row)	14004	2	14,300	-25,749	-2,587	-1,672	3,080
(palo 1500)	14005	3	14,300	-26,068	-2,541	-1,669	3,041
	14006	4	14,300	-26,388	-2,495	-1,667	3,001

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	14007	5	14,300	-26,708	-2,448	-1,664	2,960
EmbeddedBeamRow_3_1	14007	1	14,300	-26,708	-2,448	-1,664	2,960
Element 2-37 (Embedded beam row)	14008	2	14,300	-27,031	-2,401	-1,661	2,919
(palo 1500)	14009	3	14,300	-27,354	-2,352	-1,659	2,878
	14010	4	14,300	-27,677	-2,304	-1,656	2,837
	14011	5	14,300	-28,000	-2,255	-1,654	2,796
EmbeddedBeamRow_3_1	14011	1	14,300	-28,000	-2,255	-1,654	2,796
Element 2-38 (Embedded beam row)	14012	2	14,300	-28,403	-2,194	-1,651	2,745
(palo 1500)	14013	3	14,300	-28,805	-2,133	-1,648	2,695
	14014	4	14,300	-29,207	-2,071	-1,645	2,645
	14015	5	14,300	-29,610	-2,010	-1,643	2,596
EmbeddedBeamRow_2_1	14016	1	18,200	-5,610	-2,603	-1,990	3,276
Element 3-39 (Embedded beam row)	14017	2	18,200	-5,885	-2,613	-1,987	3,283
(palo 1500)	14018	3	18,200	-6,159	-2,625	-1,985	3,291
	14019	4	18,200	-6,434	-2,638	-1,982	3,300
	14020	5	18,200	-6,709	-2,653	-1,979	3,310
EmbeddedBeamRow_2_1	14020	1	18,200	-6,709	-2,653	-1,979	3,310
Element 3-40 (Embedded beam row)	14021	2	18,200	-6,951	-2,668	-1,977	3,320
(palo 1500)	14022	3	18,200	-7,194	-2,683	-1,974	3,331
	14023	4	18,200	-7,436	-2,699	-1,972	3,342
	14024	5	18,200	-7,678	-2,715	-1,969	3,354
EmbeddedBeamRow_2_1	14024	1	18,200	-7,678	-2,715	-1,969	3,354
Element 3-41 (Embedded beam row)	14025	2	18,200	-7,991	-2,737	-1,966	3,370
(palo 1500)	14026	3	18,200	-8,303	-2,759	-1,963	3,386
	14027	4	18,200	-8,616	-2,782	-1,960	3,403
	14028	5	18,200	-8,928	-2,805	-1,957	3,420

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
EmbeddedBeamRow_2_1	14028	1	18,200	-8,928	-2,805	-1,957	3,420
Element 3-42 (Embedded beam row)	14029	2	18,200	-9,241	-2,827	-1,953	3,436
(palo 1500)	14030	3	18,200	-9,553	-2,849	-1,950	3,453
	14031	4	18,200	-9,866	-2,871	-1,947	3,469
	14032	5	18,200	-10,178	-2,892	-1,943	3,484
EmbeddedBeamRow_2_1	14032	1	18,200	-10,178	-2,892	-1,943	3,484
Element 3-43 (Embedded beam row)	14033	2	18,200	-10,491	-2,912	-1,940	3,499
(palo 1500)	14034	3	18,200	-10,803	-2,932	-1,937	3,514
	14035	4	18,200	-11,116	-2,950	-1,933	3,527
	14036	5	18,200	-11,428	-2,968	-1,930	3,540
EmbeddedBeamRow_2_1	14036	1	18,200	-11,428	-2,968	-1,930	3,540
Element 3-44 (Embedded beam row)	14037	2	18,200	-11,741	-2,984	-1,926	3,552
(palo 1500)	14038	3	18,200	-12,053	-2,999	-1,923	3,562
	14039	4	18,200	-12,366	-3,013	-1,919	3,572
	14040	5	18,200	-12,678	-3,025	-1,915	3,581
EmbeddedBeamRow_2_1	14040	1	18,200	-12,678	-3,025	-1,915	3,581
Element 3-45 (Embedded beam row)	14041	2	18,200	-12,978	-3,036	-1,912	3,588
(palo 1500)	14042	3	18,200	-13,277	-3,045	-1,908	3,594
	14043	4	18,200	-13,577	-3,053	-1,905	3,599
	14044	5	18,200	-13,876	-3,060	-1,901	3,602
EmbeddedBeamRow_2_1	14044	1	18,200	-13,876	-3,060	-1,901	3,602
Element 3-46 (Embedded beam row)	14045	2	18,200	-14,179	-3,065	-1,898	3,605
(palo 1500)	14046	3	18,200	-14,482	-3,069	-1,894	3,606
	14047	4	18,200	-14,785	-3,071	-1,890	3,606
	14048	5	18,200	-15,088	-3,072	-1,886	3,605
EmbeddedBeamRow_2_1	14048	1	18,200	-15,088	-3,072	-1,886	3,605

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
Element 3-47 (Embedded beam row)	14049	2	18,200	-15,395	-3,072	-1,882	3,603
(palo 1500)	14050	3	18,200	-15,701	-3,070	-1,879	3,599
	14051	4	18,200	-16,008	-3,066	-1,875	3,594
	14052	5	18,200	-16,314	-3,061	-1,871	3,587
EmbeddedBeamRow_2_1	14052	1	18,200	-16,314	-3,061	-1,871	3,587
Element 3-48 (Embedded beam row)	14053	2	18,200	-16,624	-3,054	-1,867	3,579
(palo 1500)	14054	3	18,200	-16,934	-3,046	-1,863	3,570
	14055	4	18,200	-17,244	-3,036	-1,859	3,560
	14056	5	18,200	-17,554	-3,024	-1,855	3,547
EmbeddedBeamRow_2_1	14056	1	18,200	-17,554	-3,024	-1,855	3,547
Element 3-49 (Embedded beam row)	14057	2	18,200	-17,868	-3,010	-1,851	3,534
(palo 1500)	14058	3	18,200	-18,181	-2,995	-1,847	3,519
	14059	4	18,200	-18,495	-2,978	-1,843	3,502
	14060	5	18,200	-18,808	-2,959	-1,839	3,484
EmbeddedBeamRow_2_1	14060	1	18,200	-18,808	-2,959	-1,839	3,484
Element 3-50 (Embedded beam row)	14061	2	18,200	-19,125	-2,939	-1,835	3,464
(palo 1500)	14062	3	18,200	-19,442	-2,916	-1,830	3,443
	14063	4	18,200	-19,760	-2,892	-1,826	3,420
	14064	5	18,200	-20,077	-2,866	-1,822	3,396
EmbeddedBeamRow_2_1	14064	1	18,200	-20,077	-2,866	-1,822	3,396
Element 3-51 (Embedded beam row)	14065	2	18,200	-20,398	-2,837	-1,818	3,370
(palo 1500)	14066	3	18,200	-20,718	-2,807	-1,814	3,342
	14067	4	18,200	-21,039	-2,774	-1,810	3,312
	14068	5	18,200	-21,360	-2,740	-1,806	3,282
EmbeddedBeamRow_2_1	14068	1	18,200	-21,360	-2,740	-1,806	3,282
Element 3-52 (Embedded beam row)	14069	2	18,200	-21,684	-2,704	-1,802	3,249

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
(palo 1500)	14070	3	18,200	-22,009	-2,665	-1,798	3,215
	14071	4	18,200	-22,333	-2,625	-1,793	3,179
	14072	5	18,200	-22,658	-2,582	-1,789	3,142
EmbeddedBeamRow_2_1	14072	1	18,200	-22,658	-2,582	-1,789	3,142
Element 3-53 (Embedded beam row)	14073	2	18,200	-22,986	-2,538	-1,785	3,103
(palo 1500)	14074	3	18,200	-23,314	-2,491	-1,782	3,063
	14075	4	18,200	-23,642	-2,443	-1,778	3,022
	14076	5	18,200	-23,971	-2,394	-1,774	2,979
EmbeddedBeamRow_2_1	14076	1	18,200	-23,971	-2,394	-1,774	2,979
Element 3-54 (Embedded beam row)	14077	2	18,200	-24,302	-2,342	-1,770	2,935
(palo 1500)	14078	3	18,200	-24,634	-2,288	-1,766	2,890
	14079	4	18,200	-24,966	-2,233	-1,762	2,845
	14080	5	18,200	-25,298	-2,177	-1,759	2,799
EmbeddedBeamRow_2_1	14080	1	18,200	-25,298	-2,177	-1,759	2,799
Element 3-55 (Embedded beam row)	14081	2	18,200	-25,634	-2,119	-1,755	2,751
(palo 1500)	14082	3	18,200	-25,970	-2,059	-1,752	2,704
	14083	4	18,200	-26,306	-1,999	-1,748	2,656
	14084	5	18,200	-26,641	-1,938	-1,745	2,608
EmbeddedBeamRow_2_1	14084	1	18,200	-26,641	-1,938	-1,745	2,608
Element 3-56 (Embedded beam row)	14085	2	18,200	-26,981	-1,875	-1,742	2,559
(palo 1500)	14086	3	18,200	-27,321	-1,812	-1,738	2,511
	14087	4	18,200	-27,660	-1,749	-1,735	2,464
	14088	5	18,200	-28,000	-1,684	-1,733	2,416
EmbeddedBeamRow_2_1	14088	1	18,200	-28,000	-1,684	-1,733	2,416
Element 3-57 (Embedded beam row)	14089	2	18,200	-28,403	-1,608	-1,729	2,362
(palo 1500)	14090	3	18,200	-28,805	-1,532	-1,726	2,308

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	14091	4	18,200	-29,207	-1,456	-1,723	2,256
	14092	5	18,200	-29,610	-1,379	-1,720	2,205

3.3.1.1.1.10 Calculation results, Embedded beam row, SISMA- [Phase_11] (9/247), Table of total displacements

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
EmbeddedBeamRow_1_1	13862	1	10,400	-5,610	20,483	5,199	21,132
Element 1-1 (Embedded beam row)	13863	2	10,400	-5,894	20,600	5,086	21,219
(palo 1500)	13864	3	10,400	-6,177	20,713	4,971	21,301
	13865	4	10,400	-6,461	20,821	4,852	21,379
	13866	5	10,400	-6,744	20,922	4,733	21,451
EmbeddedBeamRow_1_1	13866	1	10,400	-6,744	20,922	4,733	21,451
Element 1-2 (Embedded beam row)	13867	2	10,400	-7,057	20,822	4,640	21,333
(palo 1500)	13868	3	10,400	-7,369	20,703	4,548	21,197
	13869	4	10,400	-7,682	20,569	4,454	21,046
	13870	5	10,400	-7,994	20,422	4,360	20,882
EmbeddedBeamRow_1_1	13870	1	10,400	-7,994	20,422	4,360	20,882
Element 1-3 (Embedded beam row)	13871	2	10,400	-8,307	20,262	4,266	20,706
(palo 1500)	13872	3	10,400	-8,619	20,091	4,172	20,520
	13873	4	10,400	-8,932	19,910	4,078	20,324
	13874	5	10,400	-9,244	19,721	3,985	20,120
EmbeddedBeamRow_1_1	13874	1	10,400	-9,244	19,721	3,985	20,120
Element 1-4 (Embedded beam row)	13875	2	10,400	-9,557	19,525	3,892	19,909
(palo 1500)	13876	3	10,400	-9,869	19,322	3,800	19,692
	13877	4	10,400	-10,182	19,114	3,709	19,470
	13878	5	10,400	-10,494	18,901	3,619	19,245
EmbeddedBeamRow_1_1	13878	1	10,400	-10,494	18,901	3,619	19,245
Element 1-5 (Embedded beam row)	13879	2	10,400	-10,807	18,686	3,530	19,016
(palo 1500)	13880	3	10,400	-11,119	18,468	3,442	18,786

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	13881	4	10,400	-11,432	18,248	3,356	18,554
	13882	5	10,400	-11,744	18,027	3,271	18,322
EmbeddedBeamRow_1_1	13882	1	10,400	-11,744	18,027	3,271	18,322
Element 1-6 (Embedded beam row)	13883	2	10,400	-12,038	17,798	3,197	18,083
(palo 1500)	13884	3	10,400	-12,331	17,567	3,124	17,843
	13885	4	10,400	-12,624	17,336	3,051	17,602
	13886	5	10,400	-12,918	17,104	2,979	17,362
EmbeddedBeamRow_1_1	13886	1	10,400	-12,918	17,104	2,979	17,362
Element 1-7 (Embedded beam row)	13887	2	10,400	-13,214	16,870	2,906	17,119
(palo 1500)	13888	3	10,400	-13,510	16,637	2,835	16,876
	13889	4	10,400	-13,807	16,403	2,764	16,635
	13890	5	10,400	-14,103	16,171	2,693	16,394
EmbeddedBeamRow_1_1	13890	1	10,400	-14,103	16,171	2,693	16,394
Element 1-8 (Embedded beam row)	13891	2	10,400	-14,403	15,937	2,623	16,152
(palo 1500)	13892	3	10,400	-14,702	15,705	2,554	15,911
	13893	4	10,400	-15,002	15,474	2,485	15,672
	13894	5	10,400	-15,302	15,245	2,417	15,435
EmbeddedBeamRow_1_1	13894	1	10,400	-15,302	15,245	2,417	15,435
Element 1-9 (Embedded beam row)	13895	2	10,400	-15,604	15,015	2,349	15,198
(palo 1500)	13896	3	10,400	-15,907	14,787	2,282	14,962
	13897	4	10,400	-16,210	14,561	2,216	14,729
	13898	5	10,400	-16,512	14,337	2,150	14,498
EmbeddedBeamRow_1_1	13898	1	10,400	-16,512	14,337	2,150	14,498
Element 1-10 (Embedded beam row)	13899	2	10,400	-16,818	14,113	2,085	14,266
(palo 1500)	13900	3	10,400	-17,124	13,891	2,021	14,037
	13901	4	10,400	-17,430	13,671	1,957	13,811

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	13902	5	10,400	-17,736	13,454	1,894	13,586
EmbeddedBeamRow_1_1	13902	1	10,400	-17,736	13,454	1,894	13,586
Element 1-11 (Embedded beam row)	13903	2	10,400	-18,045	13,236	1,831	13,362
(palo 1500)	13904	3	10,400	-18,354	13,020	1,769	13,140
	13905	4	10,400	-18,663	12,807	1,708	12,920
	13906	5	10,400	-18,973	12,595	1,648	12,703
EmbeddedBeamRow_1_1	13906	1	10,400	-18,973	12,595	1,648	12,703
Element 1-12 (Embedded beam row)	13907	2	10,400	-19,285	12,384	1,588	12,485
(palo 1500)	13908	3	10,400	-19,597	12,174	1,528	12,270
	13909	4	10,400	-19,910	11,967	1,469	12,056
	13910	5	10,400	-20,222	11,761	1,411	11,845
EmbeddedBeamRow_1_1	13910	1	10,400	-20,222	11,761	1,411	11,845
Element 1-13 (Embedded beam row)	13911	2	10,400	-20,538	11,554	1,352	11,633
(palo 1500)	13912	3	10,400	-20,853	11,350	1,295	11,423
	13913	4	10,400	-21,169	11,146	1,238	11,215
	13914	5	10,400	-21,485	10,944	1,182	11,008
EmbeddedBeamRow_1_1	13914	1	10,400	-21,485	10,944	1,182	11,008
Element 1-14 (Embedded beam row)	13915	2	10,400	-21,804	10,740	1,126	10,799
(palo 1500)	13916	3	10,400	-22,123	10,537	1,071	10,592
	13917	4	10,400	-22,442	10,335	1,017	10,385
	13918	5	10,400	-22,761	10,133	0,963	10,179
EmbeddedBeamRow_1_1	13918	1	10,400	-22,761	10,133	0,963	10,179
Element 1-15 (Embedded beam row)	13919	2	10,400	-23,083	9,929	0,910	9,971
(palo 1500)	13920	3	10,400	-23,405	9,725	0,857	9,763
	13921	4	10,400	-23,728	9,521	0,806	9,555
	13922	5	10,400	-24,050	9,317	0,755	9,348

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
EmbeddedBeamRow_1_1	13922	1	10,400	-24,050	9,317	0,755	9,348
Element 1-16 (Embedded beam row)	13923	2	10,400	-24,376	9,111	0,704	9,138
(palo 1500)	13924	3	10,400	-24,701	8,903	0,655	8,927
	13925	4	10,400	-25,027	8,696	0,606	8,717
	13926	5	10,400	-25,353	8,487	0,558	8,506
EmbeddedBeamRow_1_1	13926	1	10,400	-25,353	8,487	0,558	8,506
Element 1-17 (Embedded beam row)	13927	2	10,400	-25,682	8,276	0,511	8,292
(palo 1500)	13928	3	10,400	-26,011	8,064	0,464	8,077
	13929	4	10,400	-26,340	7,850	0,419	7,862
	13930	5	10,400	-26,670	7,636	0,375	7,645
EmbeddedBeamRow_1_1	13930	1	10,400	-26,670	7,636	0,375	7,645
Element 1-18 (Embedded beam row)	13931	2	10,400	-27,002	7,419	0,331	7,426
(palo 1500)	13932	3	10,400	-27,335	7,200	0,288	7,206
	13933	4	10,400	-27,667	6,981	0,247	6,985
	13934	5	10,400	-28,000	6,760	0,207	6,764
EmbeddedBeamRow_1_1	13934	1	10,400	-28,000	6,760	0,207	6,764
Element 1-19 (Embedded beam row)	13935	2	10,400	-28,403	6,492	0,160	6,494
(palo 1500)	13936	3	10,400	-28,805	6,223	0,115	6,224
	13937	4	10,400	-29,207	5,953	0,072	5,953
	13938	5	10,400	-29,610	5,681	0,031	5,681
EmbeddedBeamRow_3_1	13939	1	14,300	-5,610	19,308	4,610	19,850
Element 2-20 (Embedded beam row)	13940	2	14,300	-6,010	19,430	4,466	19,936
(palo 1500)	13941	3	14,300	-6,411	19,553	4,317	20,024
	13942	4	14,300	-6,811	19,678	4,167	20,114
	13943	5	14,300	-7,211	19,802	4,016	20,205
EmbeddedBeamRow_3_1	13943	1	14,300	-7,211	19,802	4,016	20,205

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
Element 2-21 (Embedded beam row)	13944	2	14,300	-7,524	19,672	3,937	20,062
(palo 1500)	13945	3	14,300	-7,836	19,527	3,860	19,905
	13946	4	14,300	-8,149	19,371	3,781	19,737
	13947	5	14,300	-8,461	19,205	3,702	19,559
EmbeddedBeamRow_3_1	13947	1	14,300	-8,461	19,205	3,702	19,559
Element 2-22 (Embedded beam row)	13948	2	14,300	-8,774	19,031	3,623	19,373
(palo 1500)	13949	3	14,300	-9,086	18,849	3,544	19,179
	13950	4	14,300	-9,399	18,660	3,465	18,979
	13951	5	14,300	-9,711	18,466	3,386	18,773
EmbeddedBeamRow_3_1	13951	1	14,300	-9,711	18,466	3,386	18,773
Element 2-23 (Embedded beam row)	13952	2	14,300	-10,024	18,267	3,307	18,563
(palo 1500)	13953	3	14,300	-10,336	18,063	3,228	18,350
	13954	4	14,300	-10,649	17,857	3,151	18,133
	13955	5	14,300	-10,961	17,649	3,073	17,915
EmbeddedBeamRow_3_1	13955	1	14,300	-10,961	17,649	3,073	17,915
Element 2-24 (Embedded beam row)	13956	2	14,300	-11,274	17,440	2,997	17,695
(palo 1500)	13957	3	14,300	-11,586	17,229	2,921	17,475
	13958	4	14,300	-11,899	17,019	2,847	17,255
	13959	5	14,300	-12,211	16,809	2,773	17,037
EmbeddedBeamRow_3_1	13959	1	14,300	-12,211	16,809	2,773	17,037
Element 2-25 (Embedded beam row)	13960	2	14,300	-12,496	16,585	2,712	16,806
(palo 1500)	13961	3	14,300	-12,781	16,361	2,652	16,574
	13962	4	14,300	-13,066	16,136	2,591	16,342
	13963	5	14,300	-13,351	15,910	2,532	16,111
EmbeddedBeamRow_3_1	13963	1	14,300	-13,351	15,910	2,532	16,111
Element 2-26 (Embedded beam row)	13964	2	14,300	-13,639	15,683	2,472	15,877

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
(palo 1500)	13965	3	14,300	-13,927	15,456	2,413	15,643
	13966	4	14,300	-14,215	15,230	2,354	15,411
	13967	5	14,300	-14,503	15,005	2,296	15,180
EmbeddedBeamRow_3_1	13967	1	14,300	-14,503	15,005	2,296	15,180
Element 2-27 (Embedded beam row)	13968	2	14,300	-14,794	14,779	2,238	14,947
(palo 1500)	13969	3	14,300	-15,084	14,554	2,180	14,716
	13970	4	14,300	-15,375	14,330	2,123	14,487
	13971	5	14,300	-15,666	14,108	2,067	14,259
EmbeddedBeamRow_3_1	13971	1	14,300	-15,666	14,108	2,067	14,259
Element 2-28 (Embedded beam row)	13972	2	14,300	-15,960	13,885	2,011	14,030
(palo 1500)	13973	3	14,300	-16,254	13,665	1,955	13,804
	13974	4	14,300	-16,548	13,446	1,900	13,579
	13975	5	14,300	-16,842	13,229	1,846	13,357
EmbeddedBeamRow_3_1	13975	1	14,300	-16,842	13,229	1,846	13,357
Element 2-29 (Embedded beam row)	13976	2	14,300	-17,140	13,012	1,792	13,135
(palo 1500)	13977	3	14,300	-17,437	12,797	1,738	12,915
	13978	4	14,300	-17,734	12,584	1,685	12,697
	13979	5	14,300	-18,031	12,374	1,633	12,481
EmbeddedBeamRow_3_1	13979	1	14,300	-18,031	12,374	1,633	12,481
Element 2-30 (Embedded beam row)	13980	2	14,300	-18,331	12,163	1,581	12,266
(palo 1500)	13981	3	14,300	-18,631	11,955	1,530	12,053
	13982	4	14,300	-18,932	11,749	1,479	11,842
	13983	5	14,300	-19,232	11,546	1,428	11,634
EmbeddedBeamRow_3_1	13983	1	14,300	-19,232	11,546	1,428	11,634
Element 2-31 (Embedded beam row)	13984	2	14,300	-19,535	11,343	1,378	11,426
(palo 1500)	13985	3	14,300	-19,839	11,142	1,328	11,220

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	13986	4	14,300	-20,142	10,943	1,279	11,017
	13987	5	14,300	-20,445	10,746	1,231	10,816
EmbeddedBeamRow_3_1	13987	1	14,300	-20,445	10,746	1,231	10,816
Element 2-32 (Embedded beam row)	13988	2	14,300	-20,752	10,548	1,183	10,615
(palo 1500)	13989	3	14,300	-21,059	10,353	1,135	10,416
	13990	4	14,300	-21,365	10,161	1,088	10,219
	13991	5	14,300	-21,672	9,969	1,041	10,024
EmbeddedBeamRow_3_1	13991	1	14,300	-21,672	9,969	1,041	10,024
Element 2-33 (Embedded beam row)	13992	2	14,300	-21,982	9,778	0,995	9,829
(palo 1500)	13993	3	14,300	-22,291	9,589	0,949	9,635
	13994	4	14,300	-22,601	9,401	0,904	9,444
	13995	5	14,300	-22,911	9,214	0,859	9,254
EmbeddedBeamRow_3_1	13995	1	14,300	-22,911	9,214	0,859	9,254
Element 2-34 (Embedded beam row)	13996	2	14,300	-23,224	9,027	0,814	9,063
(palo 1500)	13997	3	14,300	-23,537	8,840	0,770	8,874
	13998	4	14,300	-23,850	8,655	0,727	8,685
	13999	5	14,300	-24,163	8,470	0,685	8,498
EmbeddedBeamRow_3_1	13999	1	14,300	-24,163	8,470	0,685	8,498
Element 2-35 (Embedded beam row)	14000	2	14,300	-24,480	8,284	0,643	8,309
(palo 1500)	14001	3	14,300	-24,796	8,098	0,601	8,120
	14002	4	14,300	-25,113	7,912	0,561	7,932
	14003	5	14,300	-25,429	7,727	0,521	7,744
EmbeddedBeamRow_3_1	14003	1	14,300	-25,429	7,727	0,521	7,744
Element 2-36 (Embedded beam row)	14004	2	14,300	-25,749	7,539	0,481	7,555
(palo 1500)	14005	3	14,300	-26,068	7,352	0,443	7,365
	14006	4	14,300	-26,388	7,164	0,405	7,176

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	14007	5	14,300	-26,708	6,977	0,368	6,987
EmbeddedBeamRow_3_1	14007	1	14,300	-26,708	6,977	0,368	6,987
Element 2-37 (Embedded beam row)	14008	2	14,300	-27,031	6,787	0,332	6,795
(palo 1500)	14009	3	14,300	-27,354	6,597	0,296	6,603
	14010	4	14,300	-27,677	6,406	0,262	6,412
	14011	5	14,300	-28,000	6,215	0,228	6,220
EmbeddedBeamRow_3_1	14011	1	14,300	-28,000	6,215	0,228	6,220
Element 2-38 (Embedded beam row)	14012	2	14,300	-28,403	5,977	0,188	5,980
(palo 1500)	14013	3	14,300	-28,805	5,738	0,149	5,740
	14014	4	14,300	-29,207	5,499	0,111	5,500
	14015	5	14,300	-29,610	5,260	0,076	5,260
EmbeddedBeamRow_2_1	14016	1	18,200	-5,610	18,074	3,897	18,489
Element 3-39 (Embedded beam row)	14017	2	18,200	-5,885	18,131	3,787	18,522
(palo 1500)	14018	3	18,200	-6,159	18,197	3,676	18,565
	14019	4	18,200	-6,434	18,272	3,564	18,616
	14020	5	18,200	-6,709	18,357	3,452	18,679
EmbeddedBeamRow_2_1	14020	1	18,200	-6,709	18,357	3,452	18,679
Element 3-40 (Embedded beam row)	14021	2	18,200	-6,951	18,441	3,354	18,743
(palo 1500)	14022	3	18,200	-7,194	18,533	3,258	18,817
	14023	4	18,200	-7,436	18,633	3,165	18,900
	14024	5	18,200	-7,678	18,737	3,076	18,988
EmbeddedBeamRow_2_1	14024	1	18,200	-7,678	18,737	3,076	18,988
Element 3-41 (Embedded beam row)	14025	2	18,200	-7,991	18,585	3,010	18,827
(palo 1500)	14026	3	18,200	-8,303	18,420	2,945	18,654
	14027	4	18,200	-8,616	18,247	2,881	18,473
	14028	5	18,200	-8,928	18,068	2,818	18,286

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
EmbeddedBeamRow_2_1	14028	1	18,200	-8,928	18,068	2,818	18,286
Element 3-42 (Embedded beam row)	14029	2	18,200	-9,241	17,882	2,755	18,093
(palo 1500)	14030	3	18,200	-9,553	17,690	2,692	17,894
	14031	4	18,200	-9,866	17,494	2,631	17,690
	14032	5	18,200	-10,178	17,293	2,570	17,483
EmbeddedBeamRow_2_1	14032	1	18,200	-10,178	17,293	2,570	17,483
Element 3-43 (Embedded beam row)	14033	2	18,200	-10,491	17,090	2,510	17,273
(palo 1500)	14034	3	18,200	-10,803	16,883	2,451	17,060
	14035	4	18,200	-11,116	16,675	2,392	16,846
	14036	5	18,200	-11,428	16,466	2,335	16,631
EmbeddedBeamRow_2_1	14036	1	18,200	-11,428	16,466	2,335	16,631
Element 3-44 (Embedded beam row)	14037	2	18,200	-11,741	16,256	2,278	16,415
(palo 1500)	14038	3	18,200	-12,053	16,046	2,222	16,200
	14039	4	18,200	-12,366	15,838	2,167	15,986
	14040	5	18,200	-12,678	15,631	2,113	15,773
EmbeddedBeamRow_2_1	14040	1	18,200	-12,678	15,631	2,113	15,773
Element 3-45 (Embedded beam row)	14041	2	18,200	-12,978	15,389	2,068	15,528
(palo 1500)	14042	3	18,200	-13,277	15,147	2,024	15,282
	14043	4	18,200	-13,577	14,905	1,980	15,036
	14044	5	18,200	-13,876	14,663	1,937	14,790
EmbeddedBeamRow_2_1	14044	1	18,200	-13,876	14,663	1,937	14,790
Element 3-46 (Embedded beam row)	14045	2	18,200	-14,179	14,419	1,893	14,543
(palo 1500)	14046	3	18,200	-14,482	14,176	1,850	14,296
	14047	4	18,200	-14,785	13,935	1,808	14,051
	14048	5	18,200	-15,088	13,694	1,766	13,808
EmbeddedBeamRow_2_1	14048	1	18,200	-15,088	13,694	1,766	13,808

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
Element 3-47 (Embedded beam row)	14049	2	18,200	-15,395	13,453	1,724	13,563
(palo 1500)	14050	3	18,200	-15,701	13,214	1,683	13,321
	14051	4	18,200	-16,008	12,977	1,642	13,081
	14052	5	18,200	-16,314	12,742	1,602	12,843
EmbeddedBeamRow_2_1	14052	1	18,200	-16,314	12,742	1,602	12,843
Element 3-48 (Embedded beam row)	14053	2	18,200	-16,624	12,507	1,561	12,605
(palo 1500)	14054	3	18,200	-16,934	12,275	1,521	12,369
	14055	4	18,200	-17,244	12,046	1,482	12,136
	14056	5	18,200	-17,554	11,819	1,443	11,907
EmbeddedBeamRow_2_1	14056	1	18,200	-17,554	11,819	1,443	11,907
Element 3-49 (Embedded beam row)	14057	2	18,200	-17,868	11,593	1,404	11,677
(palo 1500)	14058	3	18,200	-18,181	11,369	1,365	11,451
	14059	4	18,200	-18,495	11,149	1,327	11,228
	14060	5	18,200	-18,808	10,932	1,290	11,007
EmbeddedBeamRow_2_1	14060	1	18,200	-18,808	10,932	1,290	11,007
Element 3-50 (Embedded beam row)	14061	2	18,200	-19,125	10,715	1,252	10,788
(palo 1500)	14062	3	18,200	-19,442	10,502	1,215	10,572
	14063	4	18,200	-19,760	10,292	1,179	10,359
	14064	5	18,200	-20,077	10,084	1,143	10,149
EmbeddedBeamRow_2_1	14064	1	18,200	-20,077	10,084	1,143	10,149
Element 3-51 (Embedded beam row)	14065	2	18,200	-20,398	9,878	1,107	9,940
(palo 1500)	14066	3	18,200	-20,718	9,675	1,071	9,734
	14067	4	18,200	-21,039	9,475	1,036	9,531
	14068	5	18,200	-21,360	9,278	1,001	9,331
EmbeddedBeamRow_2_1	14068	1	18,200	-21,360	9,278	1,001	9,331
Element 3-52 (Embedded beam row)	14069	2	18,200	-21,684	9,081	0,967	9,132

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
(palo 1500)	14070	3	18,200	-22,009	8,887	0,932	8,936
	14071	4	18,200	-22,333	8,696	0,899	8,742
	14072	5	18,200	-22,658	8,507	0,865	8,551
EmbeddedBeamRow_2_1	14072	1	18,200	-22,658	8,507	0,865	8,551
Element 3-53 (Embedded beam row)	14073	2	18,200	-22,986	8,319	0,832	8,360
(palo 1500)	14074	3	18,200	-23,314	8,132	0,799	8,172
	14075	4	18,200	-23,642	7,948	0,767	7,985
	14076	5	18,200	-23,971	7,766	0,735	7,801
EmbeddedBeamRow_2_1	14076	1	18,200	-23,971	7,766	0,735	7,801
Element 3-54 (Embedded beam row)	14077	2	18,200	-24,302	7,584	0,703	7,617
(palo 1500)	14078	3	18,200	-24,634	7,404	0,672	7,434
	14079	4	18,200	-24,966	7,224	0,641	7,253
	14080	5	18,200	-25,298	7,046	0,610	7,072
EmbeddedBeamRow_2_1	14080	1	18,200	-25,298	7,046	0,610	7,072
Element 3-55 (Embedded beam row)	14081	2	18,200	-25,634	6,867	0,580	6,891
(palo 1500)	14082	3	18,200	-25,970	6,688	0,551	6,710
	14083	4	18,200	-26,306	6,509	0,522	6,530
	14084	5	18,200	-26,641	6,331	0,494	6,351
EmbeddedBeamRow_2_1	14084	1	18,200	-26,641	6,331	0,494	6,351
Element 3-56 (Embedded beam row)	14085	2	18,200	-26,981	6,152	0,467	6,169
(palo 1500)	14086	3	18,200	-27,321	5,972	0,440	5,988
	14087	4	18,200	-27,660	5,793	0,414	5,808
	14088	5	18,200	-28,000	5,614	0,389	5,627
EmbeddedBeamRow_2_1	14088	1	18,200	-28,000	5,614	0,389	5,627
Element 3-57 (Embedded beam row)	14089	2	18,200	-28,403	5,401	0,360	5,413
(palo 1500)	14090	3	18,200	-28,805	5,189	0,332	5,199

Structural element	Node [10^3]	Local number	X [m]	Y [m]	u_x [10^{-3} m]	u_y [10^{-3} m]	|u| [10^{-3} m]
	14091	4	18,200	-29,207	4,976	0,306	4,985
	14092	5	18,200	-29,610	4,764	0,281	4,772

3.3.1.2.1.6 Calculation results, Embedded beam row, costruzione plinto [Phase_5] (5/24), Table of relative total displacements

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
EmbeddedBeamRow_1_1	13862	1	10,400	-5,610	0,000	0,000	0,000
Element 1-1 (Embedded beam row)	13863	2	10,400	-5,894	-2,762	0,000	0,000
(palo 1500)	13864	3	10,400	-6,177	4,824	0,000	0,000
	13865	4	10,400	-6,461	21,015	0,000	0,000
	13866	5	10,400	-6,744	43,683	0,000	0,000
EmbeddedBeamRow_1_1	13866	1	10,400	-6,744	43,683	0,000	0,000
Element 1-2 (Embedded beam row)	13867	2	10,400	-7,057	65,578	0,000	0,000
(palo 1500)	13868	3	10,400	-7,369	80,296	0,000	0,000
	13869	4	10,400	-7,682	90,904	0,000	0,000
	13870	5	10,400	-7,994	97,398	0,000	0,000
EmbeddedBeamRow_1_1	13870	1	10,400	-7,994	97,398	0,000	0,000
Element 1-3 (Embedded beam row)	13871	2	10,400	-8,307	101,077	0,000	0,000
(palo 1500)	13872	3	10,400	-8,619	102,101	0,000	0,000
	13873	4	10,400	-8,932	100,925	0,000	0,000
	13874	5	10,400	-9,244	97,864	0,000	0,000
EmbeddedBeamRow_1_1	13874	1	10,400	-9,244	97,864	0,000	0,000
Element 1-4 (Embedded beam row)	13875	2	10,400	-9,557	93,223	0,000	0,000
(palo 1500)	13876	3	10,400	-9,869	87,209	0,000	0,000
	13877	4	10,400	-10,182	79,979	0,000	0,000
	13878	5	10,400	-10,494	71,670	0,000	0,000
EmbeddedBeamRow_1_1	13878	1	10,400	-10,494	71,670	0,000	0,000
Element 1-5 (Embedded beam row)	13879	2	10,400	-10,807	62,378	0,000	0,000
(palo 1500)	13880	3	10,400	-11,119	52,224	0,000	0,000

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
	13881	4	10,400	-11,432	41,079	0,000	0,000
	13882	5	10,400	-11,744	29,143	0,000	0,000
EmbeddedBeamRow_1_1	13882	1	10,400	-11,744	29,143	0,000	0,000
Element 1-6 (Embedded beam row)	13883	2	10,400	-12,038	28,606	0,000	0,000
(palo 1500)	13884	3	10,400	-12,331	27,318	0,000	0,000
	13885	4	10,400	-12,624	25,665	0,000	0,000
	13886	5	10,400	-12,918	23,828	0,000	0,000
EmbeddedBeamRow_1_1	13886	1	10,400	-12,918	23,828	0,000	0,000
Element 1-7 (Embedded beam row)	13887	2	10,400	-13,214	21,822	0,000	0,000
(palo 1500)	13888	3	10,400	-13,510	19,738	0,000	0,000
	13889	4	10,400	-13,807	17,614	0,000	0,000
	13890	5	10,400	-14,103	15,484	0,000	0,000
EmbeddedBeamRow_1_1	13890	1	10,400	-14,103	15,484	0,000	0,000
Element 1-8 (Embedded beam row)	13891	2	10,400	-14,403	13,359	0,000	0,000
(palo 1500)	13892	3	10,400	-14,702	11,283	0,000	0,000
	13893	4	10,400	-15,002	9,276	0,000	0,000
	13894	5	10,400	-15,302	7,352	0,000	0,000
EmbeddedBeamRow_1_1	13894	1	10,400	-15,302	7,352	0,000	0,000
Element 1-9 (Embedded beam row)	13895	2	10,400	-15,604	5,505	0,000	0,000
(palo 1500)	13896	3	10,400	-15,907	3,760	0,000	0,000
	13897	4	10,400	-16,210	2,125	0,000	0,000
	13898	5	10,400	-16,512	0,600	0,000	0,000
EmbeddedBeamRow_1_1	13898	1	10,400	-16,512	0,600	0,000	0,000
Element 1-10 (Embedded beam row)	13899	2	10,400	-16,818	-0,826	0,000	0,000
(palo 1500)	13900	3	10,400	-17,124	-2,142	0,000	0,000
	13901	4	10,400	-17,430	-3,347	0,000	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
	13902	5	10,400	-17,736	-4,449	0,000	0,000
EmbeddedBeamRow_1_1	13902	1	10,400	-17,736	-4,449	0,000	0,000
Element 1-11 (Embedded beam row)	13903	2	10,400	-18,045	-5,461	0,000	0,000
(palo 1500)	13904	3	10,400	-18,354	-6,379	0,000	0,000
	13905	4	10,400	-18,663	-7,209	0,000	0,000
	13906	5	10,400	-18,973	-7,960	0,000	0,000
EmbeddedBeamRow_1_1	13906	1	10,400	-18,973	-7,960	0,000	0,000
Element 1-12 (Embedded beam row)	13907	2	10,400	-19,285	-8,644	0,000	0,000
(palo 1500)	13908	3	10,400	-19,597	-9,262	0,000	0,000
	13909	4	10,400	-19,910	-9,820	0,000	0,000
	13910	5	10,400	-20,222	-10,328	0,000	0,000
EmbeddedBeamRow_1_1	13910	1	10,400	-20,222	-10,328	0,000	0,000
Element 1-13 (Embedded beam row)	13911	2	10,400	-20,538	-10,795	0,000	0,000
(palo 1500)	13912	3	10,400	-20,853	-11,223	0,000	0,000
	13913	4	10,400	-21,169	-11,617	0,000	0,000
	13914	5	10,400	-21,485	-11,982	0,000	0,000
EmbeddedBeamRow_1_1	13914	1	10,400	-21,485	-11,982	0,000	0,000
Element 1-14 (Embedded beam row)	13915	2	10,400	-21,804	-12,323	0,000	0,000
(palo 1500)	13916	3	10,400	-22,123	-12,639	0,000	0,000
	13917	4	10,400	-22,442	-12,929	0,000	0,000
	13918	5	10,400	-22,761	-13,191	0,000	0,000
EmbeddedBeamRow_1_1	13918	1	10,400	-22,761	-13,191	0,000	0,000
Element 1-15 (Embedded beam row)	13919	2	10,400	-23,083	-13,422	0,000	0,000
(palo 1500)	13920	3	10,400	-23,405	-13,611	-0,001	0,001
	13921	4	10,400	-23,728	-13,748	-0,001	0,001
	13922	5	10,400	-24,050	-13,817	-0,001	0,001

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
EmbeddedBeamRow_1_1	13922	1	10,400	-24,050	-13,817	-0,001	0,001
Element 1-16 (Embedded beam row)	13923	2	10,400	-24,376	-13,794	-0,001	0,001
(palo 1500)	13924	3	10,400	-24,701	-13,658	-0,001	0,001
	13925	4	10,400	-25,027	-13,376	-0,001	0,001
	13926	5	10,400	-25,353	-12,942	-0,001	0,001
EmbeddedBeamRow_1_1	13926	1	10,400	-25,353	-12,942	-0,001	0,001
Element 1-17 (Embedded beam row)	13927	2	10,400	-25,682	-12,202	-0,001	0,001
(palo 1500)	13928	3	10,400	-26,011	-11,249	-0,001	0,001
	13929	4	10,400	-26,340	-9,849	-0,001	0,001
	13930	5	10,400	-26,670	-8,133	-0,001	0,001
EmbeddedBeamRow_1_1	13930	1	10,400	-26,670	-8,133	-0,001	0,001
Element 1-18 (Embedded beam row)	13931	2	10,400	-27,002	-5,620	-0,001	0,001
(palo 1500)	13932	3	10,400	-27,335	-2,742	-0,001	0,001
	13933	4	10,400	-27,667	1,014	-0,001	0,001
	13934	5	10,400	-28,000	5,516	-0,001	0,001
EmbeddedBeamRow_1_1	13934	1	10,400	-28,000	5,516	-0,001	0,001
Element 1-19 (Embedded beam row)	13935	2	10,400	-28,403	15,380	-0,001	0,001
(palo 1500)	13936	3	10,400	-28,805	29,287	-0,001	0,001
	13937	4	10,400	-29,207	34,898	-0,001	0,001
	13938	5	10,400	-29,610	22,929	-0,001	0,001
EmbeddedBeamRow_3_1	13939	1	14,300	-5,610	0,000	0,000	0,000
Element 2-20 (Embedded beam row)	13940	2	14,300	-6,010	2,943	0,000	0,000
(palo 1500)	13941	3	14,300	-6,411	7,917	0,000	0,000
	13942	4	14,300	-6,811	13,975	0,000	0,000
	13943	5	14,300	-7,211	17,770	0,000	0,000
EmbeddedBeamRow_3_1	13943	1	14,300	-7,211	17,770	0,000	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
Element 2-21 (Embedded beam row)	13944	2	14,300	-7,524	18,008	0,000	0,000
(palo 1500)	13945	3	14,300	-7,836	15,929	0,000	0,000
	13946	4	14,300	-8,149	14,015	0,000	0,000
	13947	5	14,300	-8,461	12,235	0,000	0,000
EmbeddedBeamRow_3_1	13947	1	14,300	-8,461	12,235	0,000	0,000
Element 2-22 (Embedded beam row)	13948	2	14,300	-8,774	10,618	0,000	0,000
(palo 1500)	13949	3	14,300	-9,086	9,163	0,000	0,000
	13950	4	14,300	-9,399	7,908	0,000	0,000
	13951	5	14,300	-9,711	6,856	0,000	0,000
EmbeddedBeamRow_3_1	13951	1	14,300	-9,711	6,856	0,000	0,000
Element 2-23 (Embedded beam row)	13952	2	14,300	-10,024	6,044	0,000	0,000
(palo 1500)	13953	3	14,300	-10,336	5,504	0,000	0,000
	13954	4	14,300	-10,649	5,282	0,000	0,000
	13955	5	14,300	-10,961	5,415	0,000	0,000
EmbeddedBeamRow_3_1	13955	1	14,300	-10,961	5,415	0,000	0,000
Element 2-24 (Embedded beam row)	13956	2	14,300	-11,274	5,962	0,000	0,000
(palo 1500)	13957	3	14,300	-11,586	6,993	0,000	0,000
	13958	4	14,300	-11,899	8,530	0,000	0,000
	13959	5	14,300	-12,211	10,571	0,000	0,000
EmbeddedBeamRow_3_1	13959	1	14,300	-12,211	10,571	0,000	0,000
Element 2-25 (Embedded beam row)	13960	2	14,300	-12,496	10,257	0,000	0,000
(palo 1500)	13961	3	14,300	-12,781	9,487	0,000	0,000
	13962	4	14,300	-13,066	8,781	0,000	0,000
	13963	5	14,300	-13,351	8,051	0,000	0,000
EmbeddedBeamRow_3_1	13963	1	14,300	-13,351	8,051	0,000	0,000
Element 2-26 (Embedded beam row)	13964	2	14,300	-13,639	7,335	0,000	0,000

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
(palo 1500)	13965	3	14,300	-13,927	6,643	0,000	0,000
	13966	4	14,300	-14,215	5,983	0,000	0,000
	13967	5	14,300	-14,503	5,352	0,000	0,000
EmbeddedBeamRow_3_1	13967	1	14,300	-14,503	5,352	0,000	0,000
Element 2-27 (Embedded beam row)	13968	2	14,300	-14,794	4,750	0,000	0,000
(palo 1500)	13969	3	14,300	-15,084	4,186	0,000	0,000
	13970	4	14,300	-15,375	3,663	0,000	0,000
	13971	5	14,300	-15,666	3,181	0,000	0,000
EmbeddedBeamRow_3_1	13971	1	14,300	-15,666	3,181	0,000	0,000
Element 2-28 (Embedded beam row)	13972	2	14,300	-15,960	2,739	0,000	0,000
(palo 1500)	13973	3	14,300	-16,254	2,343	0,000	0,000
	13974	4	14,300	-16,548	1,994	0,000	0,000
	13975	5	14,300	-16,842	1,691	0,000	0,000
EmbeddedBeamRow_3_1	13975	1	14,300	-16,842	1,691	0,000	0,000
Element 2-29 (Embedded beam row)	13976	2	14,300	-17,140	1,431	0,000	0,000
(palo 1500)	13977	3	14,300	-17,437	1,217	0,000	0,000
	13978	4	14,300	-17,734	1,047	0,000	0,000
	13979	5	14,300	-18,031	0,918	0,000	0,000
EmbeddedBeamRow_3_1	13979	1	14,300	-18,031	0,918	0,000	0,000
Element 2-30 (Embedded beam row)	13980	2	14,300	-18,331	0,829	0,000	0,000
(palo 1500)	13981	3	14,300	-18,631	0,778	0,000	0,000
	13982	4	14,300	-18,932	0,761	0,000	0,000
	13983	5	14,300	-19,232	0,774	0,000	0,000
EmbeddedBeamRow_3_1	13983	1	14,300	-19,232	0,774	0,000	0,000
Element 2-31 (Embedded beam row)	13984	2	14,300	-19,535	0,817	0,000	0,000
(palo 1500)	13985	3	14,300	-19,839	0,883	0,000	0,000

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
	13986	4	14,300	-20,142	0,969	0,000	0,000
	13987	5	14,300	-20,445	1,071	0,000	0,000
EmbeddedBeamRow_3_1	13987	1	14,300	-20,445	1,071	0,000	0,000
Element 2-32 (Embedded beam row)	13988	2	14,300	-20,752	1,185	0,000	0,000
(palo 1500)	13989	3	14,300	-21,059	1,305	0,000	0,000
	13990	4	14,300	-21,365	1,426	0,000	0,000
	13991	5	14,300	-21,672	1,542	0,000	0,000
EmbeddedBeamRow_3_1	13991	1	14,300	-21,672	1,542	0,000	0,000
Element 2-33 (Embedded beam row)	13992	2	14,300	-21,982	1,649	0,000	0,000
(palo 1500)	13993	3	14,300	-22,291	1,738	0,000	0,000
	13994	4	14,300	-22,601	1,803	0,000	0,000
	13995	5	14,300	-22,911	1,836	0,000	0,000
EmbeddedBeamRow_3_1	13995	1	14,300	-22,911	1,836	0,000	0,000
Element 2-34 (Embedded beam row)	13996	2	14,300	-23,224	1,829	0,000	0,000
(palo 1500)	13997	3	14,300	-23,537	1,772	0,000	0,000
	13998	4	14,300	-23,850	1,656	0,000	0,000
	13999	5	14,300	-24,163	1,469	0,000	0,000
EmbeddedBeamRow_3_1	13999	1	14,300	-24,163	1,469	0,000	0,000
Element 2-35 (Embedded beam row)	14000	2	14,300	-24,480	1,199	0,000	0,000
(palo 1500)	14001	3	14,300	-24,796	0,825	0,000	0,000
	14002	4	14,300	-25,113	0,338	-0,001	0,001
	14003	5	14,300	-25,429	-0,279	-0,001	0,001
EmbeddedBeamRow_3_1	14003	1	14,300	-25,429	-0,279	-0,001	0,001
Element 2-36 (Embedded beam row)	14004	2	14,300	-25,749	-1,049	-0,001	0,001
(palo 1500)	14005	3	14,300	-26,068	-1,981	-0,001	0,001
	14006	4	14,300	-26,388	-3,082	-0,001	0,001

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
	14007	5	14,300	-26,708	-4,343	-0,001	0,001
EmbeddedBeamRow_3_1	14007	1	14,300	-26,708	-4,343	-0,001	0,001
Element 2-37 (Embedded beam row)	14008	2	14,300	-27,031	-5,548	-0,001	0,001
(palo 1500)	14009	3	14,300	-27,354	-6,814	-0,001	0,001
	14010	4	14,300	-27,677	-7,460	-0,001	0,001
	14011	5	14,300	-28,000	-7,455	-0,001	0,001
EmbeddedBeamRow_3_1	14011	1	14,300	-28,000	-7,455	-0,001	0,001
Element 2-38 (Embedded beam row)	14012	2	14,300	-28,403	-6,414	-0,001	0,001
(palo 1500)	14013	3	14,300	-28,805	-2,876	-0,001	0,001
	14014	4	14,300	-29,207	1,103	-0,001	0,001
	14015	5	14,300	-29,610	-2,589	-0,001	0,001
EmbeddedBeamRow_2_1	14016	1	18,200	-5,610	0,000	0,000	0,000
Element 3-39 (Embedded beam row)	14017	2	18,200	-5,885	-41,599	0,000	0,000
(palo 1500)	14018	3	18,200	-6,159	-79,507	0,000	0,000
	14019	4	18,200	-6,434	-111,827	0,000	0,000
	14020	5	18,200	-6,709	-129,414	0,000	0,000
EmbeddedBeamRow_2_1	14020	1	18,200	-6,709	-129,414	0,000	0,000
Element 3-40 (Embedded beam row)	14021	2	18,200	-6,951	-128,070	0,000	0,000
(palo 1500)	14022	3	18,200	-7,194	-110,969	0,000	0,000
	14023	4	18,200	-7,436	-77,597	0,000	0,000
	14024	5	18,200	-7,678	-30,556	0,000	0,000
EmbeddedBeamRow_2_1	14024	1	18,200	-7,678	-30,556	0,000	0,000
Element 3-41 (Embedded beam row)	14025	2	18,200	-7,991	-39,849	0,000	0,000
(palo 1500)	14026	3	18,200	-8,303	-50,081	0,000	0,000
	14027	4	18,200	-8,616	-57,649	0,000	0,000
	14028	5	18,200	-8,928	-62,808	0,000	0,000

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
EmbeddedBeamRow_2_1	14028	1	18,200	-8,928	-62,808	0,000	0,000
Element 3-42 (Embedded beam row)	14029	2	18,200	-9,241	-65,739	0,000	0,000
(palo 1500)	14030	3	18,200	-9,553	-66,814	0,000	0,000
	14031	4	18,200	-9,866	-66,131	0,000	0,000
	14032	5	18,200	-10,178	-63,918	0,000	0,000
EmbeddedBeamRow_2_1	14032	1	18,200	-10,178	-63,918	0,000	0,000
Element 3-43 (Embedded beam row)	14033	2	18,200	-10,491	-60,226	0,000	0,000
(palo 1500)	14034	3	18,200	-10,803	-55,176	0,000	0,000
	14035	4	18,200	-11,116	-48,761	0,000	0,000
	14036	5	18,200	-11,428	-41,001	0,000	0,000
EmbeddedBeamRow_2_1	14036	1	18,200	-11,428	-41,001	0,000	0,000
Element 3-44 (Embedded beam row)	14037	2	18,200	-11,741	-31,855	0,000	0,000
(palo 1500)	14038	3	18,200	-12,053	-21,187	0,000	0,000
	14039	4	18,200	-12,366	-8,863	0,000	0,000
	14040	5	18,200	-12,678	5,365	0,000	0,000
EmbeddedBeamRow_2_1	14040	1	18,200	-12,678	5,365	0,000	0,000
Element 3-45 (Embedded beam row)	14041	2	18,200	-12,978	4,417	0,000	0,000
(palo 1500)	14042	3	18,200	-13,277	2,926	0,000	0,000
	14043	4	18,200	-13,577	1,923	0,000	0,000
	14044	5	18,200	-13,876	1,112	0,000	0,000
EmbeddedBeamRow_2_1	14044	1	18,200	-13,876	1,112	0,000	0,000
Element 3-46 (Embedded beam row)	14045	2	18,200	-14,179	0,545	0,000	0,000
(palo 1500)	14046	3	18,200	-14,482	0,181	0,000	0,000
	14047	4	18,200	-14,785	0,021	0,000	0,000
	14048	5	18,200	-15,088	0,024	0,000	0,000
EmbeddedBeamRow_2_1	14048	1	18,200	-15,088	0,024	0,000	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
Element 3-47 (Embedded beam row)	14049	2	18,200	-15,395	0,169	0,000	0,000
(palo 1500)	14050	3	18,200	-15,701	0,436	0,000	0,000
	14051	4	18,200	-16,008	0,803	0,000	0,000
	14052	5	18,200	-16,314	1,255	0,000	0,000
EmbeddedBeamRow_2_1	14052	1	18,200	-16,314	1,255	0,000	0,000
Element 3-48 (Embedded beam row)	14053	2	18,200	-16,624	1,783	0,000	0,000
(palo 1500)	14054	3	18,200	-16,934	2,370	0,000	0,000
	14055	4	18,200	-17,244	3,005	0,000	0,000
	14056	5	18,200	-17,554	3,679	0,000	0,000
EmbeddedBeamRow_2_1	14056	1	18,200	-17,554	3,679	0,000	0,000
Element 3-49 (Embedded beam row)	14057	2	18,200	-17,868	4,394	0,000	0,000
(palo 1500)	14058	3	18,200	-18,181	5,136	0,000	0,000
	14059	4	18,200	-18,495	5,899	0,000	0,000
	14060	5	18,200	-18,808	6,678	0,000	0,000
EmbeddedBeamRow_2_1	14060	1	18,200	-18,808	6,678	0,000	0,000
Element 3-50 (Embedded beam row)	14061	2	18,200	-19,125	7,479	0,000	0,000
(palo 1500)	14062	3	18,200	-19,442	8,289	0,000	0,000
	14063	4	18,200	-19,760	9,103	0,000	0,000
	14064	5	18,200	-20,077	9,919	0,000	0,000
EmbeddedBeamRow_2_1	14064	1	18,200	-20,077	9,919	0,000	0,000
Element 3-51 (Embedded beam row)	14065	2	18,200	-20,398	10,741	0,000	0,000
(palo 1500)	14066	3	18,200	-20,718	11,555	0,000	0,000
	14067	4	18,200	-21,039	12,351	0,000	0,000
	14068	5	18,200	-21,360	13,127	0,000	0,000
EmbeddedBeamRow_2_1	14068	1	18,200	-21,360	13,127	0,000	0,000
Element 3-52 (Embedded beam row)	14069	2	18,200	-21,684	13,879	0,000	0,000

Structural element	Node [10^{3}]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
(palo 1500)	14070	3	18,200	-22,009	14,589	0,000	0,000
	14071	4	18,200	-22,333	15,242	0,000	0,000
	14072	5	18,200	-22,658	15,825	-0,001	0,001
EmbeddedBeamRow_2_1	14072	1	18,200	-22,658	15,825	-0,001	0,001
Element 3-53 (Embedded beam row)	14073	2	18,200	-22,986	16,319	-0,001	0,001
(palo 1500)	14074	3	18,200	-23,314	16,698	-0,001	0,001
	14075	4	18,200	-23,642	16,928	-0,001	0,001
	14076	5	18,200	-23,971	16,983	-0,001	0,001
EmbeddedBeamRow_2_1	14076	1	18,200	-23,971	16,983	-0,001	0,001
Element 3-54 (Embedded beam row)	14077	2	18,200	-24,302	16,809	-0,001	0,001
(palo 1500)	14078	3	18,200	-24,634	16,362	-0,001	0,001
	14079	4	18,200	-24,966	15,568	-0,001	0,001
	14080	5	18,200	-25,298	14,375	-0,001	0,001
EmbeddedBeamRow_2_1	14080	1	18,200	-25,298	14,375	-0,001	0,001
Element 3-55 (Embedded beam row)	14081	2	18,200	-25,634	12,656	-0,001	0,001
(palo 1500)	14082	3	18,200	-25,970	10,340	-0,001	0,001
	14083	4	18,200	-26,306	7,339	-0,001	0,001
	14084	5	18,200	-26,641	3,471	-0,001	0,001
EmbeddedBeamRow_2_1	14084	1	18,200	-26,641	3,471	-0,001	0,001
Element 3-56 (Embedded beam row)	14085	2	18,200	-26,981	-0,976	-0,001	0,001
(palo 1500)	14086	3	18,200	-27,321	-6,789	-0,001	0,001
	14087	4	18,200	-27,660	-12,805	-0,001	0,001
	14088	5	18,200	-28,000	-18,829	-0,001	0,001
EmbeddedBeamRow_2_1	14088	1	18,200	-28,000	-18,829	-0,001	0,001
Element 3-57 (Embedded beam row)	14089	2	18,200	-28,403	-27,038	-0,001	0,001
(palo 1500)	14090	3	18,200	-28,805	-36,900	-0,001	0,001

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [m]	$\lvert u_{rel} \rvert$ [m]
	14091	4	18,200	-29,207	-42,423	-0,001	0,001
	14092	5	18,200	-29,610	-11,555	-0,001	0,001

3.3.1.2.1.7 Calculation results, Embedded beam row, rinfianco [Phase_9] (12/32), Table of relative total displacements

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-3} m]	$\lvert u_{rel} \rvert$ [m]
EmbeddedBeamRow_1_1	13862	1	10,400	-5,610	0,000	0,000	0,000
Element 1-1 (Embedded beam row)	13863	2	10,400	-5,894	53,178	0,000	0,000
(palo 1500)	13864	3	10,400	-6,177	106,173	0,003	0,000
	13865	4	10,400	-6,461	158,093	0,002	0,000
	13866	5	10,400	-6,744	204,413	-0,006	0,000
EmbeddedBeamRow_1_1	13866	1	10,400	-6,744	204,413	-0,006	0,000
Element 1-2 (Embedded beam row)	13867	2	10,400	-7,057	193,378	-0,006	0,000
(palo 1500)	13868	3	10,400	-7,369	182,287	-0,006	0,000
	13869	4	10,400	-7,682	172,967	-0,007	0,000
	13870	5	10,400	-7,994	165,386	-0,010	0,000
EmbeddedBeamRow_1_1	13870	1	10,400	-7,994	165,386	-0,010	0,000
Element 1-3 (Embedded beam row)	13871	2	10,400	-8,307	158,871	-0,015	0,000
(palo 1500)	13872	3	10,400	-8,619	153,718	-0,021	0,000
	13873	4	10,400	-8,932	149,803	-0,030	0,000
	13874	5	10,400	-9,244	147,169	-0,040	0,000
EmbeddedBeamRow_1_1	13874	1	10,400	-9,244	147,169	-0,040	0,000
Element 1-4 (Embedded beam row)	13875	2	10,400	-9,557	145,820	-0,052	0,000
(palo 1500)	13876	3	10,400	-9,869	145,825	-0,065	0,000
	13877	4	10,400	-10,182	147,290	-0,081	0,000
	13878	5	10,400	-10,494	150,286	-0,097	0,000
EmbeddedBeamRow_1_1	13878	1	10,400	-10,494	150,286	-0,097	0,000
Element 1-5 (Embedded beam row)	13879	2	10,400	-10,807	154,963	-0,115	0,000
(palo 1500)	13880	3	10,400	-11,119	161,409	-0,135	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-3} m]	$\lvert u_{rel} \rvert$ [m]
	13881	4	10,400	-11,432	169,638	-0,156	0,000
	13882	5	10,400	-11,744	179,588	-0,178	0,000
EmbeddedBeamRow_1_1	13882	1	10,400	-11,744	179,588	-0,178	0,000
Element 1-6 (Embedded beam row)	13883	2	10,400	-12,038	172,364	-0,197	0,000
(palo 1500)	13884	3	10,400	-12,331	164,704	-0,217	0,000
	13885	4	10,400	-12,624	156,778	-0,238	0,000
	13886	5	10,400	-12,918	148,703	-0,259	0,000
EmbeddedBeamRow_1_1	13886	1	10,400	-12,918	148,703	-0,259	0,000
Element 1-7 (Embedded beam row)	13887	2	10,400	-13,214	140,330	-0,281	0,000
(palo 1500)	13888	3	10,400	-13,510	131,901	-0,304	0,000
	13889	4	10,400	-13,807	123,449	-0,326	0,000
	13890	5	10,400	-14,103	115,034	-0,349	0,000
EmbeddedBeamRow_1_1	13890	1	10,400	-14,103	115,034	-0,349	0,000
Element 1-8 (Embedded beam row)	13891	2	10,400	-14,403	106,618	-0,372	0,000
(palo 1500)	13892	3	10,400	-14,702	98,336	-0,396	0,000
	13893	4	10,400	-15,002	90,231	-0,419	0,000
	13894	5	10,400	-15,302	82,330	-0,443	0,000
EmbeddedBeamRow_1_1	13894	1	10,400	-15,302	82,330	-0,443	0,000
Element 1-9 (Embedded beam row)	13895	2	10,400	-15,604	74,586	-0,467	0,000
(palo 1500)	13896	3	10,400	-15,907	67,101	-0,491	0,000
	13897	4	10,400	-16,210	59,896	-0,515	0,001
	13898	5	10,400	-16,512	52,978	-0,539	0,001
EmbeddedBeamRow_1_1	13898	1	10,400	-16,512	52,978	-0,539	0,001
Element 1-10 (Embedded beam row)	13899	2	10,400	-16,818	46,292	-0,563	0,001
(palo 1500)	13900	3	10,400	-17,124	39,911	-0,588	0,001
	13901	4	10,400	-17,430	33,837	-0,612	0,001

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-3} m]	$\lvert u_{rel} \rvert$ [m]
	13902	5	10,400	-17,736	28,061	-0,636	0,001
EmbeddedBeamRow_1_1	13902	1	10,400	-17,736	28,061	-0,636	0,001
Element 1-11 (Embedded beam row)	13903	2	10,400	-18,045	22,524	-0,661	0,001
(palo 1500)	13904	3	10,400	-18,354	17,271	-0,685	0,001
	13905	4	10,400	-18,663	12,291	-0,710	0,001
	13906	5	10,400	-18,973	7,562	-0,734	0,001
EmbeddedBeamRow_1_1	13906	1	10,400	-18,973	7,562	-0,734	0,001
Element 1-12 (Embedded beam row)	13907	2	10,400	-19,285	3,021	-0,759	0,001
(palo 1500)	13908	3	10,400	-19,597	-1,308	-0,785	0,001
	13909	4	10,400	-19,910	-5,446	-0,810	0,001
	13910	5	10,400	-20,222	-9,425	-0,835	0,001
EmbeddedBeamRow_1_1	13910	1	10,400	-20,222	-9,425	-0,835	0,001
Element 1-13 (Embedded beam row)	13911	2	10,400	-20,538	-13,307	-0,861	0,001
(palo 1500)	13912	3	10,400	-20,853	-17,082	-0,887	0,001
	13913	4	10,400	-21,169	-20,777	-0,913	0,001
	13914	5	10,400	-21,485	-24,417	-0,940	0,001
EmbeddedBeamRow_1_1	13914	1	10,400	-21,485	-24,417	-0,940	0,001
Element 1-14 (Embedded beam row)	13915	2	10,400	-21,804	-28,064	-0,967	0,001
(palo 1500)	13916	3	10,400	-22,123	-31,699	-0,995	0,001
	13917	4	10,400	-22,442	-35,339	-1,022	0,001
	13918	5	10,400	-22,761	-38,990	-1,051	0,001
EmbeddedBeamRow_1_1	13918	1	10,400	-22,761	-38,990	-1,051	0,001
Element 1-15 (Embedded beam row)	13919	2	10,400	-23,083	-42,678	-1,079	0,001
(palo 1500)	13920	3	10,400	-23,405	-46,358	-1,109	0,001
	13921	4	10,400	-23,728	-49,963	-1,138	0,001
	13922	5	10,400	-24,050	-53,415	-1,168	0,001

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-3} m]	$\lvert u_{rel} \rvert$ [m]
EmbeddedBeamRow_1_1	13922	1	10,400	-24,050	-53,415	-1,168	0,001
Element 1-16 (Embedded beam row)	13923	2	10,400	-24,376	-56,621	-1,199	0,001
(palo 1500)	13924	3	10,400	-24,701	-59,285	-1,230	0,001
	13925	4	10,400	-25,027	-60,930	-1,262	0,001
	13926	5	10,400	-25,353	-60,718	-1,294	0,001
EmbeddedBeamRow_1_1	13926	1	10,400	-25,353	-60,718	-1,294	0,001
Element 1-17 (Embedded beam row)	13927	2	10,400	-25,682	-58,255	-1,327	0,001
(palo 1500)	13928	3	10,400	-26,011	-53,717	-1,360	0,001
	13929	4	10,400	-26,340	-46,699	-1,392	0,001
	13930	5	10,400	-26,670	-36,650	-1,425	0,001
EmbeddedBeamRow_1_1	13930	1	10,400	-26,670	-36,650	-1,425	0,001
Element 1-18 (Embedded beam row)	13931	2	10,400	-27,002	-24,493	-1,458	0,001
(palo 1500)	13932	3	10,400	-27,335	-7,671	-1,488	0,001
	13933	4	10,400	-27,667	11,197	-1,514	0,002
	13934	5	10,400	-28,000	30,514	-1,529	0,002
EmbeddedBeamRow_1_1	13934	1	10,400	-28,000	30,514	-1,529	0,002
Element 1-19 (Embedded beam row)	13935	2	10,400	-28,403	66,032	-1,532	0,002
(palo 1500)	13936	3	10,400	-28,805	106,984	-1,519	0,002
	13937	4	10,400	-29,207	122,722	-1,466	0,001
	13938	5	10,400	-29,610	96,579	-1,323	0,001
EmbeddedBeamRow_3_1	13939	1	14,300	-5,610	0,000	0,000	0,000
Element 2-20 (Embedded beam row)	13940	2	14,300	-6,010	37,423	-0,008	0,000
(palo 1500)	13941	3	14,300	-6,411	73,047	-0,018	0,000
	13942	4	14,300	-6,811	106,812	-0,032	0,000
	13943	5	14,300	-7,211	137,059	-0,047	0,000
EmbeddedBeamRow_3_1	13943	1	14,300	-7,211	137,059	-0,047	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-3} m]	$\lvert u_{rel} \rvert$ [m]
Element 2-21 (Embedded beam row)	13944	2	14,300	-7,524	129,471	-0,051	0,000
(palo 1500)	13945	3	14,300	-7,836	119,770	-0,055	0,000
	13946	4	14,300	-8,149	110,449	-0,059	0,000
	13947	5	14,300	-8,461	101,687	-0,065	0,000
EmbeddedBeamRow_3_1	13947	1	14,300	-8,461	101,687	-0,065	0,000
Element 2-22 (Embedded beam row)	13948	2	14,300	-8,774	93,602	-0,071	0,000
(palo 1500)	13949	3	14,300	-9,086	86,535	-0,078	0,000
	13950	4	14,300	-9,399	80,677	-0,086	0,000
	13951	5	14,300	-9,711	76,184	-0,094	0,000
EmbeddedBeamRow_3_1	13951	1	14,300	-9,711	76,184	-0,094	0,000
Element 2-23 (Embedded beam row)	13952	2	14,300	-10,024	73,214	-0,103	0,000
(palo 1500)	13953	3	14,300	-10,336	71,861	-0,113	0,000
	13954	4	14,300	-10,649	72,236	-0,124	0,000
	13955	5	14,300	-10,961	74,375	-0,135	0,000
EmbeddedBeamRow_3_1	13955	1	14,300	-10,961	74,375	-0,135	0,000
Element 2-24 (Embedded beam row)	13956	2	14,300	-11,274	78,346	-0,146	0,000
(palo 1500)	13957	3	14,300	-11,586	84,166	-0,158	0,000
	13958	4	14,300	-11,899	91,798	-0,171	0,000
	13959	5	14,300	-12,211	101,107	-0,183	0,000
EmbeddedBeamRow_3_1	13959	1	14,300	-12,211	101,107	-0,183	0,000
Element 2-25 (Embedded beam row)	13960	2	14,300	-12,496	92,629	-0,192	0,000
(palo 1500)	13961	3	14,300	-12,781	84,414	-0,202	0,000
	13962	4	14,300	-13,066	76,900	-0,213	0,000
	13963	5	14,300	-13,351	69,894	-0,224	0,000
EmbeddedBeamRow_3_1	13963	1	14,300	-13,351	69,894	-0,224	0,000
Element 2-26 (Embedded beam row)	13964	2	14,300	-13,639	63,326	-0,236	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-3} m]	$\lvert u_{rel} \rvert$ [m]
(palo 1500)	13965	3	14,300	-13,927	57,260	-0,248	0,000
	13966	4	14,300	-14,215	51,674	-0,261	0,000
	13967	5	14,300	-14,503	46,528	-0,274	0,000
EmbeddedBeamRow_3_1	13967	1	14,300	-14,503	46,528	-0,274	0,000
Element 2-27 (Embedded beam row)	13968	2	14,300	-14,794	41,763	-0,287	0,000
(palo 1500)	13969	3	14,300	-15,084	37,405	-0,301	0,000
	13970	4	14,300	-15,375	33,437	-0,315	0,000
	13971	5	14,300	-15,666	29,833	-0,330	0,000
EmbeddedBeamRow_3_1	13971	1	14,300	-15,666	29,833	-0,330	0,000
Element 2-28 (Embedded beam row)	13972	2	14,300	-15,960	26,547	-0,344	0,000
(palo 1500)	13973	3	14,300	-16,254	23,592	-0,359	0,000
	13974	4	14,300	-16,548	20,958	-0,374	0,000
	13975	5	14,300	-16,842	18,622	-0,390	0,000
EmbeddedBeamRow_3_1	13975	1	14,300	-16,842	18,622	-0,390	0,000
Element 2-29 (Embedded beam row)	13976	2	14,300	-17,140	16,554	-0,405	0,000
(palo 1500)	13977	3	14,300	-17,437	14,760	-0,421	0,000
	13978	4	14,300	-17,734	13,234	-0,437	0,000
	13979	5	14,300	-18,031	11,958	-0,453	0,000
EmbeddedBeamRow_3_1	13979	1	14,300	-18,031	11,958	-0,453	0,000
Element 2-30 (Embedded beam row)	13980	2	14,300	-18,331	10,917	-0,470	0,000
(palo 1500)	13981	3	14,300	-18,631	10,113	-0,487	0,000
	13982	4	14,300	-18,932	9,540	-0,504	0,001
	13983	5	14,300	-19,232	9,187	-0,521	0,001
EmbeddedBeamRow_3_1	13983	1	14,300	-19,232	9,187	-0,521	0,001
Element 2-31 (Embedded beam row)	13984	2	14,300	-19,535	9,049	-0,539	0,001
(palo 1500)	13985	3	14,300	-19,839	9,120	-0,557	0,001

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-3} m]	$\lvert u_{rel} \rvert$ [m]
	13986	4	14,300	-20,142	9,393	-0,575	0,001
	13987	5	14,300	-20,445	9,852	-0,593	0,001
EmbeddedBeamRow_3_1	13987	1	14,300	-20,445	9,852	-0,593	0,001
Element 2-32 (Embedded beam row)	13988	2	14,300	-20,752	10,491	-0,612	0,001
(palo 1500)	13989	3	14,300	-21,059	11,282	-0,632	0,001
	13990	4	14,300	-21,365	12,196	-0,651	0,001
	13991	5	14,300	-21,672	13,200	-0,671	0,001
EmbeddedBeamRow_3_1	13991	1	14,300	-21,672	13,200	-0,671	0,001
Element 2-33 (Embedded beam row)	13992	2	14,300	-21,982	14,245	-0,692	0,001
(palo 1500)	13993	3	14,300	-22,291	15,264	-0,713	0,001
	13994	4	14,300	-22,601	16,154	-0,735	0,001
	13995	5	14,300	-22,911	16,847	-0,757	0,001
EmbeddedBeamRow_3_1	13995	1	14,300	-22,911	16,847	-0,757	0,001
Element 2-34 (Embedded beam row)	13996	2	14,300	-23,224	17,151	-0,780	0,001
(palo 1500)	13997	3	14,300	-23,537	17,170	-0,804	0,001
	13998	4	14,300	-23,850	17,053	-0,830	0,001
	13999	5	14,300	-24,163	16,991	-0,856	0,001
EmbeddedBeamRow_3_1	13999	1	14,300	-24,163	16,991	-0,856	0,001
Element 2-35 (Embedded beam row)	14000	2	14,300	-24,480	16,315	-0,885	0,001
(palo 1500)	14001	3	14,300	-24,796	14,466	-0,915	0,001
	14002	4	14,300	-25,113	10,912	-0,948	0,001
	14003	5	14,300	-25,429	5,458	-0,981	0,001
EmbeddedBeamRow_3_1	14003	1	14,300	-25,429	5,458	-0,981	0,001
Element 2-36 (Embedded beam row)	14004	2	14,300	-25,749	-1,796	-1,016	0,001
(palo 1500)	14005	3	14,300	-26,068	-9,966	-1,053	0,001
	14006	4	14,300	-26,388	-17,866	-1,090	0,001

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-3} m]	$\lvert u_{rel} \rvert$ [m]
	14007	5	14,300	-26,708	-23,898	-1,127	0,001
EmbeddedBeamRow_3_1	14007	1	14,300	-26,708	-23,898	-1,127	0,001
Element 2-37 (Embedded beam row)	14008	2	14,300	-27,031	-27,333	-1,164	0,001
(palo 1500)	14009	3	14,300	-27,354	-28,770	-1,199	0,001
	14010	4	14,300	-27,677	-27,811	-1,230	0,001
	14011	5	14,300	-28,000	-26,450	-1,253	0,001
EmbeddedBeamRow_3_1	14011	1	14,300	-28,000	-26,450	-1,253	0,001
Element 2-38 (Embedded beam row)	14012	2	14,300	-28,403	-20,656	-1,278	0,001
(palo 1500)	14013	3	14,300	-28,805	-4,754	-1,279	0,001
	14014	4	14,300	-29,207	16,749	-1,225	0,001
	14015	5	14,300	-29,610	27,177	-1,092	0,001
EmbeddedBeamRow_2_1	14016	1	18,200	-5,610	0,000	0,000	0,000
Element 3-39 (Embedded beam row)	14017	2	18,200	-5,885	-48,086	-0,013	0,000
(palo 1500)	14018	3	18,200	-6,159	-75,672	-0,035	0,000
	14019	4	18,200	-6,434	-84,301	-0,063	0,000
	14020	5	18,200	-6,709	-76,187	-0,092	0,000
EmbeddedBeamRow_2_1	14020	1	18,200	-6,709	-76,187	-0,092	0,000
Element 3-40 (Embedded beam row)	14021	2	18,200	-6,951	-57,730	-0,116	0,000
(palo 1500)	14022	3	18,200	-7,194	-31,369	-0,139	0,000
	14023	4	18,200	-7,436	1,885	-0,159	0,000
	14024	5	18,200	-7,678	37,801	-0,177	0,000
EmbeddedBeamRow_2_1	14024	1	18,200	-7,678	37,801	-0,177	0,000
Element 3-41 (Embedded beam row)	14025	2	18,200	-7,991	21,898	-0,187	0,000
(palo 1500)	14026	3	18,200	-8,303	5,133	-0,199	0,000
	14027	4	18,200	-8,616	-8,696	-0,212	0,000
	14028	5	18,200	-8,928	-19,638	-0,227	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-3} m]	$\lvert u_{rel} \rvert$ [m]
EmbeddedBeamRow_2_1	14028	1	18,200	-8,928	-19,638	-0,227	0,000
Element 3-42 (Embedded beam row)	14029	2	18,200	-9,241	-27,653	-0,242	0,000
(palo 1500)	14030	3	18,200	-9,553	-32,822	-0,258	0,000
	14031	4	18,200	-9,866	-35,177	-0,274	0,000
	14032	5	18,200	-10,178	-34,806	-0,290	0,000
EmbeddedBeamRow_2_1	14032	1	18,200	-10,178	-34,806	-0,290	0,000
Element 3-43 (Embedded beam row)	14033	2	18,200	-10,491	-31,704	-0,306	0,000
(palo 1500)	14034	3	18,200	-10,803	-25,931	-0,322	0,000
	14035	4	18,200	-11,116	-17,461	-0,338	0,000
	14036	5	18,200	-11,428	-6,318	-0,354	0,000
EmbeddedBeamRow_2_1	14036	1	18,200	-11,428	-6,318	-0,354	0,000
Element 3-44 (Embedded beam row)	14037	2	18,200	-11,741	7,544	-0,369	0,000
(palo 1500)	14038	3	18,200	-12,053	24,231	-0,384	0,000
	14039	4	18,200	-12,366	43,838	-0,398	0,000
	14040	5	18,200	-12,678	66,600	-0,411	0,000
EmbeddedBeamRow_2_1	14040	1	18,200	-12,678	66,600	-0,411	0,000
Element 3-45 (Embedded beam row)	14041	2	18,200	-12,978	57,986	-0,418	0,000
(palo 1500)	14042	3	18,200	-13,277	49,565	-0,427	0,000
	14043	4	18,200	-13,577	42,515	-0,436	0,000
	14044	5	18,200	-13,876	36,352	-0,446	0,000
EmbeddedBeamRow_2_1	14044	1	18,200	-13,876	36,352	-0,446	0,000
Element 3-46 (Embedded beam row)	14045	2	18,200	-14,179	31,037	-0,456	0,000
(palo 1500)	14046	3	18,200	-14,482	26,544	-0,466	0,000
	14047	4	18,200	-14,785	22,840	-0,476	0,000
	14048	5	18,200	-15,088	19,817	-0,487	0,000
EmbeddedBeamRow_2_1	14048	1	18,200	-15,088	19,817	-0,487	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-3} m]	$\lvert u_{rel} \rvert$ [m]
Element 3-47 (Embedded beam row)	14049	2	18,200	-15,395	17,397	-0,498	0,000
(palo 1500)	14050	3	18,200	-15,701	15,538	-0,509	0,001
	14051	4	18,200	-16,008	14,189	-0,520	0,001
	14052	5	18,200	-16,314	13,284	-0,531	0,001
EmbeddedBeamRow_2_1	14052	1	18,200	-16,314	13,284	-0,531	0,001
Element 3-48 (Embedded beam row)	14053	2	18,200	-16,624	12,778	-0,543	0,001
(palo 1500)	14054	3	18,200	-16,934	12,626	-0,555	0,001
	14055	4	18,200	-17,244	12,792	-0,566	0,001
	14056	5	18,200	-17,554	13,231	-0,578	0,001
EmbeddedBeamRow_2_1	14056	1	18,200	-17,554	13,231	-0,578	0,001
Element 3-49 (Embedded beam row)	14057	2	18,200	-17,868	13,920	-0,590	0,001
(palo 1500)	14058	3	18,200	-18,181	14,819	-0,603	0,001
	14059	4	18,200	-18,495	15,899	-0,615	0,001
	14060	5	18,200	-18,808	17,129	-0,628	0,001
EmbeddedBeamRow_2_1	14060	1	18,200	-18,808	17,129	-0,628	0,001
Element 3-50 (Embedded beam row)	14061	2	18,200	-19,125	18,498	-0,641	0,001
(palo 1500)	14062	3	18,200	-19,442	19,968	-0,654	0,001
	14063	4	18,200	-19,760	21,522	-0,668	0,001
	14064	5	18,200	-20,077	23,142	-0,682	0,001
EmbeddedBeamRow_2_1	14064	1	18,200	-20,077	23,142	-0,682	0,001
Element 3-51 (Embedded beam row)	14065	2	18,200	-20,398	24,794	-0,696	0,001
(palo 1500)	14066	3	18,200	-20,718	26,445	-0,710	0,001
	14067	4	18,200	-21,039	28,130	-0,725	0,001
	14068	5	18,200	-21,360	29,970	-0,741	0,001
EmbeddedBeamRow_2_1	14068	1	18,200	-21,360	29,970	-0,741	0,001
Element 3-52 (Embedded beam row)	14069	2	18,200	-21,684	32,521	-0,757	0,001

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-3} m]	$\lvert u_{rel} \rvert$ [m]
(palo 1500)	14070	3	18,200	-22,009	35,320	-0,774	0,001
	14071	4	18,200	-22,333	38,065	-0,791	0,001
	14072	5	18,200	-22,658	40,604	-0,809	0,001
EmbeddedBeamRow_2_1	14072	1	18,200	-22,658	40,604	-0,809	0,001
Element 3-53 (Embedded beam row)	14073	2	18,200	-22,986	42,942	-0,828	0,001
(palo 1500)	14074	3	18,200	-23,314	44,759	-0,847	0,001
	14075	4	18,200	-23,642	45,917	-0,868	0,001
	14076	5	18,200	-23,971	46,322	-0,889	0,001
EmbeddedBeamRow_2_1	14076	1	18,200	-23,971	46,322	-0,889	0,001
Element 3-54 (Embedded beam row)	14077	2	18,200	-24,302	45,757	-0,911	0,001
(palo 1500)	14078	3	18,200	-24,634	43,976	-0,933	0,001
	14079	4	18,200	-24,966	40,720	-0,957	0,001
	14080	5	18,200	-25,298	35,838	-0,981	0,001
EmbeddedBeamRow_2_1	14080	1	18,200	-25,298	35,838	-0,981	0,001
Element 3-55 (Embedded beam row)	14081	2	18,200	-25,634	29,072	-1,005	0,001
(palo 1500)	14082	3	18,200	-25,970	20,592	-1,029	0,001
	14083	4	18,200	-26,306	10,729	-1,052	0,001
	14084	5	18,200	-26,641	-0,238	-1,074	0,001
EmbeddedBeamRow_2_1	14084	1	18,200	-26,641	-0,238	-1,074	0,001
Element 3-56 (Embedded beam row)	14085	2	18,200	-26,981	-12,906	-1,095	0,001
(palo 1500)	14086	3	18,200	-27,321	-26,000	-1,111	0,001
	14087	4	18,200	-27,660	-38,513	-1,123	0,001
	14088	5	18,200	-28,000	-48,894	-1,127	0,001
EmbeddedBeamRow_2_1	14088	1	18,200	-28,000	-48,894	-1,127	0,001
Element 3-57 (Embedded beam row)	14089	2	18,200	-28,403	-60,321	-1,125	0,001
(palo 1500)	14090	3	18,200	-28,805	-69,776	-1,105	0,001

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-3} m]	$\lvert u_{rel} \rvert$ [m]
	14091	4	18,200	-29,207	-67,573	-1,054	0,001
	14092	5	18,200	-29,610	-0,225	-0,965	0,001

3.3.1.2.1.8 Calculation results, Embedded beam row, Versante - fase B [Phase_10] (10/36), Table of relative total displacements

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
EmbeddedBeamRow_1_1	13862	1	10,400	-5,610	0,000	0,000	0,000
Element 1-1 (Embedded beam row)	13863	2	10,400	-5,894	-12,167	34,623	0,000
(palo 1500)	13864	3	10,400	-6,177	14,441	88,021	0,000
	13865	4	10,400	-6,461	62,301	143,094	0,000
	13866	5	10,400	-6,744	131,914	178,114	0,000
EmbeddedBeamRow_1_1	13866	1	10,400	-6,744	131,914	178,114	0,000
Element 1-2 (Embedded beam row)	13867	2	10,400	-7,057	111,444	194,396	0,000
(palo 1500)	13868	3	10,400	-7,369	91,293	208,186	0,000
	13869	4	10,400	-7,682	73,214	222,585	0,000
	13870	5	10,400	-7,994	61,908	238,612	0,000
EmbeddedBeamRow_1_1	13870	1	10,400	-7,994	61,908	238,612	0,000
Element 1-3 (Embedded beam row)	13871	2	10,400	-8,307	52,982	251,781	0,000
(palo 1500)	13872	3	10,400	-8,619	48,327	262,552	0,000
	13873	4	10,400	-8,932	46,774	270,976	0,000
	13874	5	10,400	-9,244	48,389	277,048	0,000
EmbeddedBeamRow_1_1	13874	1	10,400	-9,244	48,389	277,048	0,000
Element 1-4 (Embedded beam row)	13875	2	10,400	-9,557	52,158	280,675	0,000
(palo 1500)	13876	3	10,400	-9,869	58,512	281,775	0,000
	13877	4	10,400	-10,182	67,048	280,582	0,000
	13878	5	10,400	-10,494	77,721	277,081	0,000
EmbeddedBeamRow_1_1	13878	1	10,400	-10,494	77,721	277,081	0,000
Element 1-5 (Embedded beam row)	13879	2	10,400	-10,807	90,747	271,059	0,000
(palo 1500)	13880	3	10,400	-11,119	106,068	262,800	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
	13881	4	10,400	-11,432	124,645	251,824	0,000
	13882	5	10,400	-11,744	145,880	236,139	0,000
EmbeddedBeamRow_1_1	13882	1	10,400	-11,744	145,880	236,139	0,000
Element 1-6 (Embedded beam row)	13883	2	10,400	-12,038	145,969	219,718	0,000
(palo 1500)	13884	3	10,400	-12,331	144,707	203,097	0,000
	13885	4	10,400	-12,624	142,187	186,291	0,000
	13886	5	10,400	-12,918	138,768	169,391	0,000
EmbeddedBeamRow_1_1	13886	1	10,400	-12,918	138,768	169,391	0,000
Element 1-7 (Embedded beam row)	13887	2	10,400	-13,214	134,456	152,079	0,000
(palo 1500)	13888	3	10,400	-13,510	129,586	134,659	0,000
	13889	4	10,400	-13,807	124,281	117,167	0,000
	13890	5	10,400	-14,103	118,670	99,633	0,000
EmbeddedBeamRow_1_1	13890	1	10,400	-14,103	118,670	99,633	0,000
Element 1-8 (Embedded beam row)	13891	2	10,400	-14,403	112,792	81,881	0,000
(palo 1500)	13892	3	10,400	-14,702	106,784	64,124	0,000
	13893	4	10,400	-15,002	100,701	46,403	0,000
	13894	5	10,400	-15,302	94,646	28,749	0,000
EmbeddedBeamRow_1_1	13894	1	10,400	-15,302	94,646	28,749	0,000
Element 1-9 (Embedded beam row)	13895	2	10,400	-15,604	88,562	10,940	0,000
(palo 1500)	13896	3	10,400	-15,907	82,585	-6,779	0,000
	13897	4	10,400	-16,210	76,729	-24,387	0,000
	13898	5	10,400	-16,512	71,036	-41,878	0,000
EmbeddedBeamRow_1_1	13898	1	10,400	-16,512	71,036	-41,878	0,000
Element 1-10 (Embedded beam row)	13899	2	10,400	-16,818	65,480	-59,433	0,000
(palo 1500)	13900	3	10,400	-17,124	60,131	-76,862	0,000
	13901	4	10,400	-17,430	55,004	-94,160	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
	13902	5	10,400	-17,736	50,113	-111,328	0,000
EmbeddedBeamRow_1_1	13902	1	10,400	-17,736	50,113	-111,328	0,000
Element 1-11 (Embedded beam row)	13903	2	10,400	-18,045	45,400	-128,532	0,000
(palo 1500)	13904	3	10,400	-18,354	40,929	-145,614	0,000
	13905	4	10,400	-18,663	36,670	-162,571	0,000
	13906	5	10,400	-18,973	32,620	-179,410	0,000
EmbeddedBeamRow_1_1	13906	1	10,400	-18,973	32,620	-179,410	0,000
Element 1-12 (Embedded beam row)	13907	2	10,400	-19,285	28,707	-196,329	0,000
(palo 1500)	13908	3	10,400	-19,597	24,940	-213,143	0,000
	13909	4	10,400	-19,910	21,303	-229,841	0,000
	13910	5	10,400	-20,222	17,799	-246,431	0,000
EmbeddedBeamRow_1_1	13910	1	10,400	-20,222	17,799	-246,431	0,000
Element 1-13 (Embedded beam row)	13911	2	10,400	-20,538	14,264	-263,158	0,000
(palo 1500)	13912	3	10,400	-20,853	10,914	-279,884	0,000
	13913	4	10,400	-21,169	7,502	-296,608	0,000
	13914	5	10,400	-21,485	4,106	-313,334	0,000
EmbeddedBeamRow_1_1	13914	1	10,400	-21,485	4,106	-313,334	0,000
Element 1-14 (Embedded beam row)	13915	2	10,400	-21,804	0,887	-330,318	0,000
(palo 1500)	13916	3	10,400	-22,123	-1,857	-347,524	0,000
	13917	4	10,400	-22,442	-3,898	-365,057	0,000
	13918	5	10,400	-22,761	-5,150	-383,005	0,000
EmbeddedBeamRow_1_1	13918	1	10,400	-22,761	-5,150	-383,005	0,000
Element 1-15 (Embedded beam row)	13919	2	10,400	-23,083	-5,720	-401,748	0,000
(palo 1500)	13920	3	10,400	-23,405	-5,531	-421,234	0,000
	13921	4	10,400	-23,728	-4,772	-441,449	0,000
	13922	5	10,400	-24,050	-3,629	-462,376	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
EmbeddedBeamRow_1_1	13922	1	10,400	-24,050	-3,629	-462,376	0,000
Element 1-16 (Embedded beam row)	13923	2	10,400	-24,376	-2,309	-484,235	0,000
(palo 1500)	13924	3	10,400	-24,701	-1,138	-506,806	0,001
	13925	4	10,400	-25,027	-0,534	-530,067	0,001
	13926	5	10,400	-25,353	-1,061	-553,962	0,001
EmbeddedBeamRow_1_1	13926	1	10,400	-25,353	-1,061	-553,962	0,001
Element 1-17 (Embedded beam row)	13927	2	10,400	-25,682	-3,234	-578,462	0,001
(palo 1500)	13928	3	10,400	-26,011	-4,937	-604,171	0,001
	13929	4	10,400	-26,340	-6,826	-630,312	0,001
	13930	5	10,400	-26,670	-8,309	-655,683	0,001
EmbeddedBeamRow_1_1	13930	1	10,400	-26,670	-8,309	-655,683	0,001
Element 1-18 (Embedded beam row)	13931	2	10,400	-27,002	-9,300	-680,338	0,001
(palo 1500)	13932	3	10,400	-27,335	-12,037	-701,938	0,001
	13933	4	10,400	-27,667	-19,882	-718,310	0,001
	13934	5	10,400	-28,000	-35,290	-726,449	0,001
EmbeddedBeamRow_1_1	13934	1	10,400	-28,000	-35,290	-726,449	0,001
Element 1-19 (Embedded beam row)	13935	2	10,400	-28,403	-53,388	-727,110	0,001
(palo 1500)	13936	3	10,400	-28,805	-76,629	-720,516	0,001
	13937	4	10,400	-29,207	-133,731	-691,731	0,001
	13938	5	10,400	-29,610	-215,805	-614,082	0,001
EmbeddedBeamRow_3_1	13939	1	14,300	-5,610	0,000	0,000	0,000
Element 2-20 (Embedded beam row)	13940	2	14,300	-6,010	68,038	17,086	0,000
(palo 1500)	13941	3	14,300	-6,411	119,122	33,248	0,000
	13942	4	14,300	-6,811	154,268	49,375	0,000
	13943	5	14,300	-7,211	174,486	65,267	0,000
EmbeddedBeamRow_3_1	13943	1	14,300	-7,211	174,486	65,267	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
Element 2-21 (Embedded beam row)	13944	2	14,300	-7,524	172,599	71,902	0,000
(palo 1500)	13945	3	14,300	-7,836	170,650	80,353	0,000
	13946	4	14,300	-8,149	168,084	89,816	0,000
	13947	5	14,300	-8,461	164,817	99,760	0,000
EmbeddedBeamRow_3_1	13947	1	14,300	-8,461	164,817	99,760	0,000
Element 2-22 (Embedded beam row)	13948	2	14,300	-8,774	160,739	109,990	0,000
(palo 1500)	13949	3	14,300	-9,086	156,228	120,255	0,000
	13950	4	14,300	-9,399	151,365	130,269	0,000
	13951	5	14,300	-9,711	146,295	139,792	0,000
EmbeddedBeamRow_3_1	13951	1	14,300	-9,711	146,295	139,792	0,000
Element 2-23 (Embedded beam row)	13952	2	14,300	-10,024	141,064	148,588	0,000
(palo 1500)	13953	3	14,300	-10,336	135,732	156,446	0,000
	13954	4	14,300	-10,649	130,292	163,163	0,000
	13955	5	14,300	-10,961	124,703	168,564	0,000
EmbeddedBeamRow_3_1	13955	1	14,300	-10,961	124,703	168,564	0,000
Element 2-24 (Embedded beam row)	13956	2	14,300	-11,274	118,900	172,411	0,000
(palo 1500)	13957	3	14,300	-11,586	112,711	174,604	0,000
	13958	4	14,300	-11,899	106,053	174,925	0,000
	13959	5	14,300	-12,211	98,226	172,798	0,000
EmbeddedBeamRow_3_1	13959	1	14,300	-12,211	98,226	172,798	0,000
Element 2-25 (Embedded beam row)	13960	2	14,300	-12,496	91,043	168,716	0,000
(palo 1500)	13961	3	14,300	-12,781	84,664	164,315	0,000
	13962	4	14,300	-13,066	78,592	159,197	0,000
	13963	5	14,300	-13,351	72,872	153,324	0,000
EmbeddedBeamRow_3_1	13963	1	14,300	-13,351	72,872	153,324	0,000
Element 2-26 (Embedded beam row)	13964	2	14,300	-13,639	67,379	146,680	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
(palo 1500)	13965	3	14,300	-13,927	62,181	139,303	0,000
	13966	4	14,300	-14,215	57,274	131,241	0,000
	13967	5	14,300	-14,503	52,660	122,540	0,000
EmbeddedBeamRow_3_1	13967	1	14,300	-14,503	52,660	122,540	0,000
Element 2-27 (Embedded beam row)	13968	2	14,300	-14,794	48,306	113,138	0,000
(palo 1500)	13969	3	14,300	-15,084	44,263	103,165	0,000
	13970	4	14,300	-15,375	40,545	92,661	0,000
	13971	5	14,300	-15,666	37,155	81,670	0,000
EmbeddedBeamRow_3_1	13971	1	14,300	-15,666	37,155	81,670	0,000
Element 2-28 (Embedded beam row)	13972	2	14,300	-15,960	34,081	70,111	0,000
(palo 1500)	13973	3	14,300	-16,254	31,362	58,137	0,000
	13974	4	14,300	-16,548	29,014	45,787	0,000
	13975	5	14,300	-16,842	27,038	33,103	0,000
EmbeddedBeamRow_3_1	13975	1	14,300	-16,842	27,038	33,103	0,000
Element 2-29 (Embedded beam row)	13976	2	14,300	-17,140	25,438	19,984	0,000
(palo 1500)	13977	3	14,300	-17,437	24,232	6,599	0,000
	13978	4	14,300	-17,734	23,435	-7,013	0,000
	13979	5	14,300	-18,031	23,042	-20,815	0,000
EmbeddedBeamRow_3_1	13979	1	14,300	-18,031	23,042	-20,815	0,000
Element 2-30 (Embedded beam row)	13980	2	14,300	-18,331	23,064	-34,920	0,000
(palo 1500)	13981	3	14,300	-18,631	23,498	-49,149	0,000
	13982	4	14,300	-18,932	24,344	-63,466	0,000
	13983	5	14,300	-19,232	25,590	-77,836	0,000
EmbeddedBeamRow_3_1	13983	1	14,300	-19,232	25,590	-77,836	0,000
Element 2-31 (Embedded beam row)	13984	2	14,300	-19,535	27,237	-92,380	0,000
(palo 1500)	13985	3	14,300	-19,839	29,249	-106,904	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
	13986	4	14,300	-20,142	31,579	-121,381	0,000
	13987	5	14,300	-20,445	34,206	-135,800	0,000
EmbeddedBeamRow_3_1	13987	1	14,300	-20,445	34,206	-135,800	0,000
Element 2-32 (Embedded beam row)	13988	2	14,300	-20,752	37,047	-150,355	0,000
(palo 1500)	13989	3	14,300	-21,059	40,158	-164,751	0,000
	13990	4	14,300	-21,365	43,396	-179,055	0,000
	13991	5	14,300	-21,672	46,716	-193,413	0,000
EmbeddedBeamRow_3_1	13991	1	14,300	-21,672	46,716	-193,413	0,000
Element 2-33 (Embedded beam row)	13992	2	14,300	-21,982	49,964	-208,141	0,000
(palo 1500)	13993	3	14,300	-22,291	52,864	-223,219	0,000
	13994	4	14,300	-22,601	55,267	-238,757	0,000
	13995	5	14,300	-22,911	56,909	-254,847	0,000
EmbeddedBeamRow_3_1	13995	1	14,300	-22,911	56,909	-254,847	0,000
Element 2-34 (Embedded beam row)	13996	2	14,300	-23,224	57,619	-271,762	0,000
(palo 1500)	13997	3	14,300	-23,537	56,391	-289,187	0,000
	13998	4	14,300	-23,850	53,266	-307,457	0,000
	13999	5	14,300	-24,163	47,931	-326,941	0,000
EmbeddedBeamRow_3_1	13999	1	14,300	-24,163	47,931	-326,941	0,000
Element 2-35 (Embedded beam row)	14000	2	14,300	-24,480	40,908	-348,187	0,000
(palo 1500)	14001	3	14,300	-24,796	32,615	-370,979	0,000
	14002	4	14,300	-25,113	23,728	-396,010	0,000
	14003	5	14,300	-25,429	14,689	-423,854	0,000
EmbeddedBeamRow_3_1	14003	1	14,300	-25,429	14,689	-423,854	0,000
Element 2-36 (Embedded beam row)	14004	2	14,300	-25,749	5,719	-455,305	0,000
(palo 1500)	14005	3	14,300	-26,068	-3,434	-490,277	0,000
	14006	4	14,300	-26,388	-13,463	-528,355	0,001

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
	14007	5	14,300	-26,708	-25,154	-568,433	0,001
EmbeddedBeamRow_3_1	14007	1	14,300	-26,708	-25,154	-568,433	0,001
Element 2-37 (Embedded beam row)	14008	2	14,300	-27,031	-37,083	-609,769	0,001
(palo 1500)	14009	3	14,300	-27,354	-49,683	-647,981	0,001
	14010	4	14,300	-27,677	-62,657	-679,099	0,001
	14011	5	14,300	-28,000	-77,515	-701,643	0,001
EmbeddedBeamRow_3_1	14011	1	14,300	-28,000	-77,515	-701,643	0,001
Element 2-38 (Embedded beam row)	14012	2	14,300	-28,403	-101,250	-723,710	0,001
(palo 1500)	14013	3	14,300	-28,805	-129,385	-730,190	0,001
	14014	4	14,300	-29,207	-162,356	-701,839	0,001
	14015	5	14,300	-29,610	-194,408	-620,927	0,001
EmbeddedBeamRow_2_1	14016	1	18,200	-5,610	0,000	0,000	0,000
Element 3-39 (Embedded beam row)	14017	2	18,200	-5,885	142,625	19,777	0,000
(palo 1500)	14018	3	18,200	-6,159	261,325	55,510	0,000
	14019	4	18,200	-6,434	352,599	107,576	0,000
	14020	5	18,200	-6,709	405,775	170,105	0,000
EmbeddedBeamRow_2_1	14020	1	18,200	-6,709	405,775	170,105	0,000
Element 3-40 (Embedded beam row)	14021	2	18,200	-6,951	415,784	225,575	0,000
(palo 1500)	14022	3	18,200	-7,194	392,567	276,363	0,000
	14023	4	18,200	-7,436	335,119	318,812	0,000
	14024	5	18,200	-7,678	239,816	348,899	0,000
EmbeddedBeamRow_2_1	14024	1	18,200	-7,678	239,816	348,899	0,000
Element 3-41 (Embedded beam row)	14025	2	18,200	-7,991	239,545	352,859	0,000
(palo 1500)	14026	3	18,200	-8,303	237,804	358,619	0,000
	14027	4	18,200	-8,616	234,243	363,419	0,000
	14028	5	18,200	-8,928	229,073	366,344	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
EmbeddedBeamRow_2_1	14028	1	18,200	-8,928	229,073	366,344	0,000
Element 3-42 (Embedded beam row)	14029	2	18,200	-9,241	222,143	368,333	0,000
(palo 1500)	14030	3	18,200	-9,553	214,018	369,313	0,000
	14031	4	18,200	-9,866	204,667	369,383	0,000
	14032	5	18,200	-10,178	194,181	368,634	0,000
EmbeddedBeamRow_2_1	14032	1	18,200	-10,178	194,181	368,634	0,000
Element 3-43 (Embedded beam row)	14033	2	18,200	-10,491	182,504	367,119	0,000
(palo 1500)	14034	3	18,200	-10,803	169,636	364,832	0,000
	14035	4	18,200	-11,116	155,463	361,752	0,000
	14036	5	18,200	-11,428	139,874	357,846	0,000
EmbeddedBeamRow_2_1	14036	1	18,200	-11,428	139,874	357,846	0,000
Element 3-44 (Embedded beam row)	14037	2	18,200	-11,741	122,748	352,999	0,000
(palo 1500)	14038	3	18,200	-12,053	103,772	347,221	0,000
	14039	4	18,200	-12,366	82,728	340,258	0,000
	14040	5	18,200	-12,678	58,686	331,220	0,000
EmbeddedBeamRow_2_1	14040	1	18,200	-12,678	58,686	331,220	0,000
Element 3-45 (Embedded beam row)	14041	2	18,200	-12,978	48,780	319,139	0,000
(palo 1500)	14042	3	18,200	-13,277	40,070	307,366	0,000
	14043	4	18,200	-13,577	31,751	295,044	0,000
	14044	5	18,200	-13,876	24,100	282,071	0,000
EmbeddedBeamRow_2_1	14044	1	18,200	-13,876	24,100	282,071	0,000
Element 3-46 (Embedded beam row)	14045	2	18,200	-14,179	17,017	268,295	0,000
(palo 1500)	14046	3	18,200	-14,482	10,626	253,796	0,000
	14047	4	18,200	-14,785	4,977	238,640	0,000
	14048	5	18,200	-15,088	0,089	222,876	0,000
EmbeddedBeamRow_2_1	14048	1	18,200	-15,088	0,089	222,876	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
Element 3-47 (Embedded beam row)	14049	2	18,200	-15,395	-4,033	206,352	0,000
(palo 1500)	14050	3	18,200	-15,701	-7,332	189,272	0,000
	14051	4	18,200	-16,008	-9,748	171,689	0,000
	14052	5	18,200	-16,314	-11,300	153,656	0,000
EmbeddedBeamRow_2_1	14052	1	18,200	-16,314	-11,300	153,656	0,000
Element 3-48 (Embedded beam row)	14053	2	18,200	-16,624	-11,939	134,975	0,000
(palo 1500)	14054	3	18,200	-16,934	-11,705	115,810	0,000
	14055	4	18,200	-17,244	-10,532	96,204	0,000
	14056	5	18,200	-17,554	-8,412	76,209	0,000
EmbeddedBeamRow_2_1	14056	1	18,200	-17,554	-8,412	76,209	0,000
Element 3-49 (Embedded beam row)	14057	2	18,200	-17,868	-5,254	55,631	0,000
(palo 1500)	14058	3	18,200	-18,181	-1,108	34,770	0,000
	14059	4	18,200	-18,495	4,120	13,685	0,000
	14060	5	18,200	-18,808	10,489	-7,545	0,000
EmbeddedBeamRow_2_1	14060	1	18,200	-18,808	10,489	-7,545	0,000
Element 3-50 (Embedded beam row)	14061	2	18,200	-19,125	18,412	-28,911	0,000
(palo 1500)	14062	3	18,200	-19,442	27,048	-50,620	0,000
	14063	4	18,200	-19,760	35,610	-72,964	0,000
	14064	5	18,200	-20,077	43,822	-95,968	0,000
EmbeddedBeamRow_2_1	14064	1	18,200	-20,077	43,822	-95,968	0,000
Element 3-51 (Embedded beam row)	14065	2	18,200	-20,398	51,425	-119,779	0,000
(palo 1500)	14066	3	18,200	-20,718	59,044	-144,463	0,000
	14067	4	18,200	-21,039	66,584	-170,071	0,000
	14068	5	18,200	-21,360	72,925	-196,060	0,000
EmbeddedBeamRow_2_1	14068	1	18,200	-21,360	72,925	-196,060	0,000
Element 3-52 (Embedded beam row)	14069	2	18,200	-21,684	77,250	-222,483	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
(palo 1500)	14070	3	18,200	-22,009	79,876	-249,099	0,000
	14071	4	18,200	-22,333	81,038	-275,945	0,000
	14072	5	18,200	-22,658	81,005	-303,044	0,000
EmbeddedBeamRow_2_1	14072	1	18,200	-22,658	81,005	-303,044	0,000
Element 3-53 (Embedded beam row)	14073	2	18,200	-22,986	79,877	-330,771	0,000
(palo 1500)	14074	3	18,200	-23,314	77,635	-358,802	0,000
	14075	4	18,200	-23,642	74,490	-387,300	0,000
	14076	5	18,200	-23,971	70,440	-416,367	0,000
EmbeddedBeamRow_2_1	14076	1	18,200	-23,971	70,440	-416,367	0,000
Element 3-54 (Embedded beam row)	14077	2	18,200	-24,302	65,411	-446,379	0,000
(palo 1500)	14078	3	18,200	-24,634	59,418	-477,287	0,000
	14079	4	18,200	-24,966	52,363	-509,198	0,001
	14080	5	18,200	-25,298	44,113	-542,168	0,001
EmbeddedBeamRow_2_1	14080	1	18,200	-25,298	44,113	-542,168	0,001
Element 3-55 (Embedded beam row)	14081	2	18,200	-25,634	34,050	-576,566	0,001
(palo 1500)	14082	3	18,200	-25,970	22,060	-612,109	0,001
	14083	4	18,200	-26,306	7,220	-647,913	0,001
	14084	5	18,200	-26,641	-10,272	-683,249	0,001
EmbeddedBeamRow_2_1	14084	1	18,200	-26,641	-10,272	-683,249	0,001
Element 3-56 (Embedded beam row)	14085	2	18,200	-26,981	-30,264	-717,565	0,001
(palo 1500)	14086	3	18,200	-27,321	-52,002	-747,301	0,001
	14087	4	18,200	-27,660	-75,367	-770,321	0,001
	14088	5	18,200	-28,000	-100,421	-784,554	0,001
EmbeddedBeamRow_2_1	14088	1	18,200	-28,000	-100,421	-784,554	0,001
Element 3-57 (Embedded beam row)	14089	2	18,200	-28,403	-136,453	-795,736	0,001
(palo 1500)	14090	3	18,200	-28,805	-175,876	-794,125	0,001

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
	14091	4	18,200	-29,207	-209,369	-764,507	0,001
	14092	5	18,200	-29,610	-187,712	-699,221	0,001

3.3.1.2.1.9 Calculation results, Embedded beam row, Versante + SISMA [Phase_12] (11/39), Table of relative total displacements

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
EmbeddedBeamRow_1_1	13862	1	10,400	-5,610	0,000	0,000	0,000
Element 1-1 (Embedded beam row)	13863	2	10,400	-5,894	-8,806	35,282	0,000
(palo 1500)	13864	3	10,400	-6,177	22,974	90,679	0,000
	13865	4	10,400	-6,461	76,218	149,195	0,000
	13866	5	10,400	-6,744	153,425	187,344	0,000
EmbeddedBeamRow_1_1	13866	1	10,400	-6,744	153,425	187,344	0,000
Element 1-2 (Embedded beam row)	13867	2	10,400	-7,057	132,199	206,445	0,000
(palo 1500)	13868	3	10,400	-7,369	110,820	222,632	0,000
	13869	4	10,400	-7,682	91,207	239,448	0,000
	13870	5	10,400	-7,994	79,221	258,387	0,000
EmbeddedBeamRow_1_1	13870	1	10,400	-7,994	79,221	258,387	0,000
Element 1-3 (Embedded beam row)	13871	2	10,400	-8,307	69,445	274,278	0,000
(palo 1500)	13872	3	10,400	-8,619	64,769	287,474	0,000
	13873	4	10,400	-8,932	63,267	297,906	0,000
	13874	5	10,400	-9,244	64,857	305,727	0,000
EmbeddedBeamRow_1_1	13874	1	10,400	-9,244	64,857	305,727	0,000
Element 1-4 (Embedded beam row)	13875	2	10,400	-9,557	68,855	310,835	0,000
(palo 1500)	13876	3	10,400	-9,869	75,425	313,528	0,000
	13877	4	10,400	-10,182	84,756	313,397	0,000
	13878	5	10,400	-10,494	96,068	310,632	0,000
EmbeddedBeamRow_1_1	13878	1	10,400	-10,494	96,068	310,632	0,000
Element 1-5 (Embedded beam row)	13879	2	10,400	-10,807	110,368	305,124	0,000
(palo 1500)	13880	3	10,400	-11,119	126,652	297,336	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
	13881	4	10,400	-11,432	147,142	286,608	0,000
	13882	5	10,400	-11,744	171,709	270,331	0,000
EmbeddedBeamRow_1_1	13882	1	10,400	-11,744	171,709	270,331	0,000
Element 1-6 (Embedded beam row)	13883	2	10,400	-12,038	170,723	253,423	0,000
(palo 1500)	13884	3	10,400	-12,331	168,105	236,607	0,000
	13885	4	10,400	-12,624	164,264	219,683	0,000
	13886	5	10,400	-12,918	159,433	202,538	0,000
EmbeddedBeamRow_1_1	13886	1	10,400	-12,918	159,433	202,538	0,000
Element 1-7 (Embedded beam row)	13887	2	10,400	-13,214	153,819	185,018	0,000
(palo 1500)	13888	3	10,400	-13,510	147,634	167,347	0,000
	13889	4	10,400	-13,807	141,105	149,555	0,000
	13890	5	10,400	-14,103	134,328	131,668	0,000
EmbeddedBeamRow_1_1	13890	1	10,400	-14,103	134,328	131,668	0,000
Element 1-8 (Embedded beam row)	13891	2	10,400	-14,403	127,334	113,524	0,000
(palo 1500)	13892	3	10,400	-14,702	120,275	95,346	0,000
	13893	4	10,400	-15,002	113,197	77,176	0,000
	13894	5	10,400	-15,302	106,205	59,055	0,000
EmbeddedBeamRow_1_1	13894	1	10,400	-15,302	106,205	59,055	0,000
Element 1-9 (Embedded beam row)	13895	2	10,400	-15,604	99,223	40,742	0,000
(palo 1500)	13896	3	10,400	-15,907	92,406	22,509	0,000
	13897	4	10,400	-16,210	85,749	4,385	0,000
	13898	5	10,400	-16,512	79,302	-13,620	0,000
EmbeddedBeamRow_1_1	13898	1	10,400	-16,512	79,302	-13,620	0,000
Element 1-10 (Embedded beam row)	13899	2	10,400	-16,818	73,036	-31,697	0,000
(palo 1500)	13900	3	10,400	-17,124	67,021	-49,647	0,000
	13901	4	10,400	-17,430	61,265	-67,459	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
	13902	5	10,400	-17,736	55,794	-85,124	0,000
EmbeddedBeamRow_1_1	13902	1	10,400	-17,736	55,794	-85,124	0,000
Element 1-11 (Embedded beam row)	13903	2	10,400	-18,045	50,531	-102,830	0,000
(palo 1500)	13904	3	10,400	-18,354	45,549	-120,399	0,000
	13905	4	10,400	-18,663	40,813	-137,825	0,000
	13906	5	10,400	-18,973	36,319	-155,115	0,000
EmbeddedBeamRow_1_1	13906	1	10,400	-18,973	36,319	-155,115	0,000
Element 1-12 (Embedded beam row)	13907	2	10,400	-19,285	31,990	-172,474	0,000
(palo 1500)	13908	3	10,400	-19,597	27,835	-189,710	0,000
	13909	4	10,400	-19,910	23,838	-206,810	0,000
	13910	5	10,400	-20,222	19,998	-223,785	0,000
EmbeddedBeamRow_1_1	13910	1	10,400	-20,222	19,998	-223,785	0,000
Element 1-13 (Embedded beam row)	13911	2	10,400	-20,538	16,131	-240,865	0,000
(palo 1500)	13912	3	10,400	-20,853	12,503	-257,949	0,000
	13913	4	10,400	-21,169	8,807	-275,021	0,000
	13914	5	10,400	-21,485	5,170	-292,087	0,000
EmbeddedBeamRow_1_1	13914	1	10,400	-21,485	5,170	-292,087	0,000
Element 1-14 (Embedded beam row)	13915	2	10,400	-21,804	1,796	-309,395	0,000
(palo 1500)	13916	3	10,400	-22,123	-0,871	-326,925	0,000
	13917	4	10,400	-22,442	-2,631	-344,799	0,000
	13918	5	10,400	-22,761	-3,607	-363,035	0,000
EmbeddedBeamRow_1_1	13918	1	10,400	-22,761	-3,607	-363,035	0,000
Element 1-15 (Embedded beam row)	13919	2	10,400	-23,083	-4,055	-381,955	0,000
(palo 1500)	13920	3	10,400	-23,405	-3,878	-401,699	0,000
	13921	4	10,400	-23,728	-3,305	-422,249	0,000
	13922	5	10,400	-24,050	-2,459	-443,523	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
EmbeddedBeamRow_1_1	13922	1	10,400	-24,050	-2,459	-443,523	0,000
Element 1-16 (Embedded beam row)	13923	2	10,400	-24,376	-1,513	-465,676	0,000
(palo 1500)	13924	3	10,400	-24,701	-0,741	-488,511	0,000
	13925	4	10,400	-25,027	-0,541	-512,011	0,001
	13926	5	10,400	-25,353	-1,454	-536,107	0,001
EmbeddedBeamRow_1_1	13926	1	10,400	-25,353	-1,454	-536,107	0,001
Element 1-17 (Embedded beam row)	13927	2	10,400	-25,682	-4,057	-560,844	0,001
(palo 1500)	13928	3	10,400	-26,011	-6,278	-586,783	0,001
	13929	4	10,400	-26,340	-8,771	-613,110	0,001
	13930	5	10,400	-26,670	-10,979	-638,630	0,001
EmbeddedBeamRow_1_1	13930	1	10,400	-26,670	-10,979	-638,630	0,001
Element 1-18 (Embedded beam row)	13931	2	10,400	-27,002	-12,710	-663,184	0,001
(palo 1500)	13932	3	10,400	-27,335	-16,319	-684,537	0,001
	13933	4	10,400	-27,667	-25,144	-700,677	0,001
	13934	5	10,400	-28,000	-41,565	-708,710	0,001
EmbeddedBeamRow_1_1	13934	1	10,400	-28,000	-41,565	-708,710	0,001
Element 1-19 (Embedded beam row)	13935	2	10,400	-28,403	-61,109	-709,412	0,001
(palo 1500)	13936	3	10,400	-28,805	-86,001	-703,047	0,001
	13937	4	10,400	-29,207	-144,710	-674,880	0,001
	13938	5	10,400	-29,610	-228,208	-598,611	0,001
EmbeddedBeamRow_3_1	13939	1	14,300	-5,610	0,000	0,000	0,000
Element 2-20 (Embedded beam row)	13940	2	14,300	-6,010	86,578	16,577	0,000
(palo 1500)	13941	3	14,300	-6,411	151,837	32,565	0,000
	13942	4	14,300	-6,811	197,498	48,877	0,000
	13943	5	14,300	-7,211	224,834	65,270	0,000
EmbeddedBeamRow_3_1	13943	1	14,300	-7,211	224,834	65,270	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
Element 2-21 (Embedded beam row)	13944	2	14,300	-7,524	221,524	73,371	0,000
(palo 1500)	13945	3	14,300	-7,836	218,178	83,274	0,000
	13946	4	14,300	-8,149	214,121	94,159	0,000
	13947	5	14,300	-8,461	209,266	105,465	0,000
EmbeddedBeamRow_3_1	13947	1	14,300	-8,461	209,266	105,465	0,000
Element 2-22 (Embedded beam row)	13948	2	14,300	-8,774	203,480	116,974	0,000
(palo 1500)	13949	3	14,300	-9,086	197,239	128,446	0,000
	13950	4	14,300	-9,399	190,651	139,579	0,000
	13951	5	14,300	-9,711	183,905	150,127	0,000
EmbeddedBeamRow_3_1	13951	1	14,300	-9,711	183,905	150,127	0,000
Element 2-23 (Embedded beam row)	13952	2	14,300	-10,024	177,076	159,848	0,000
(palo 1500)	13953	3	14,300	-10,336	170,249	168,532	0,000
	13954	4	14,300	-10,649	163,438	175,970	0,000
	13955	5	14,300	-10,961	156,609	181,987	0,000
EmbeddedBeamRow_3_1	13955	1	14,300	-10,961	156,609	181,987	0,000
Element 2-24 (Embedded beam row)	13956	2	14,300	-11,274	149,705	186,333	0,000
(palo 1500)	13957	3	14,300	-11,586	142,542	188,916	0,000
	13958	4	14,300	-11,899	135,032	189,515	0,000
	13959	5	14,300	-12,211	126,382	187,512	0,000
EmbeddedBeamRow_3_1	13959	1	14,300	-12,211	126,382	187,512	0,000
Element 2-25 (Embedded beam row)	13960	2	14,300	-12,496	116,878	183,705	0,000
(palo 1500)	13961	3	14,300	-12,781	108,413	179,567	0,000
	13962	4	14,300	-13,066	100,403	174,661	0,000
	13963	5	14,300	-13,351	92,884	168,951	0,000
EmbeddedBeamRow_3_1	13963	1	14,300	-13,351	92,884	168,951	0,000
Element 2-26 (Embedded beam row)	13964	2	14,300	-13,639	85,692	162,429	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
(palo 1500)	13965	3	14,300	-13,927	78,913	155,130	0,000
	13966	4	14,300	-14,215	72,538	147,106	0,000
	13967	5	14,300	-14,503	66,560	138,407	0,000
EmbeddedBeamRow_3_1	13967	1	14,300	-14,503	66,560	138,407	0,000
Element 2-27 (Embedded beam row)	13968	2	14,300	-14,794	60,931	128,974	0,000
(palo 1500)	13969	3	14,300	-15,084	55,709	118,941	0,000
	13970	4	14,300	-15,375	50,907	108,352	0,000
	13971	5	14,300	-15,666	46,519	97,251	0,000
EmbeddedBeamRow_3_1	13971	1	14,300	-15,666	46,519	97,251	0,000
Element 2-28 (Embedded beam row)	13972	2	14,300	-15,960	42,522	85,561	0,000
(palo 1500)	13973	3	14,300	-16,254	38,956	73,438	0,000
	13974	4	14,300	-16,548	35,836	60,923	0,000
	13975	5	14,300	-16,842	33,157	48,058	0,000
EmbeddedBeamRow_3_1	13975	1	14,300	-16,842	33,157	48,058	0,000
Element 2-29 (Embedded beam row)	13976	2	14,300	-17,140	30,908	34,744	0,000
(palo 1500)	13977	3	14,300	-17,437	29,114	21,151	0,000
	13978	4	14,300	-17,734	27,783	7,319	0,000
	13979	5	14,300	-18,031	26,905	-6,716	0,000
EmbeddedBeamRow_3_1	13979	1	14,300	-18,031	26,905	-6,716	0,000
Element 2-30 (Embedded beam row)	13980	2	14,300	-18,331	26,486	-21,069	0,000
(palo 1500)	13981	3	14,300	-18,631	26,524	-35,560	0,000
	13982	4	14,300	-18,932	27,023	-50,154	0,000
	13983	5	14,300	-19,232	27,965	-64,815	0,000
EmbeddedBeamRow_3_1	13983	1	14,300	-19,232	27,965	-64,815	0,000
Element 2-31 (Embedded beam row)	13984	2	14,300	-19,535	29,357	-79,665	0,000
(palo 1500)	13985	3	14,300	-19,839	31,162	-94,507	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
	13986	4	14,300	-20,142	33,334	-109,303	0,000
	13987	5	14,300	-20,445	35,854	-124,040	0,000
EmbeddedBeamRow_3_1	13987	1	14,300	-20,445	35,854	-124,040	0,000
Element 2-32 (Embedded beam row)	13988	2	14,300	-20,752	38,618	-138,922	0,000
(palo 1500)	13989	3	14,300	-21,059	41,712	-153,601	0,000
	13990	4	14,300	-21,365	44,905	-168,170	0,000
	13991	5	14,300	-21,672	48,128	-182,804	0,000
EmbeddedBeamRow_3_1	13991	1	14,300	-21,672	48,128	-182,804	0,000
Element 2-33 (Embedded beam row)	13992	2	14,300	-21,982	51,167	-197,820	0,000
(palo 1500)	13993	3	14,300	-22,291	53,728	-213,168	0,000
	13994	4	14,300	-22,601	55,706	-228,931	0,000
	13995	5	14,300	-22,911	56,836	-245,192	0,000
EmbeddedBeamRow_3_1	13995	1	14,300	-22,911	56,836	-245,192	0,000
Element 2-34 (Embedded beam row)	13996	2	14,300	-23,224	57,077	-262,281	0,000
(palo 1500)	13997	3	14,300	-23,537	55,257	-279,733	0,000
	13998	4	14,300	-23,850	51,655	-298,031	0,000
	13999	5	14,300	-24,163	46,079	-317,643	0,000
EmbeddedBeamRow_3_1	13999	1	14,300	-24,163	46,079	-317,643	0,000
Element 2-35 (Embedded beam row)	14000	2	14,300	-24,480	39,094	-339,123	0,000
(palo 1500)	14001	3	14,300	-24,796	31,084	-362,318	0,000
	14002	4	14,300	-25,113	22,573	-387,819	0,000
	14003	5	14,300	-25,429	13,866	-416,116	0,000
EmbeddedBeamRow_3_1	14003	1	14,300	-25,429	13,866	-416,116	0,000
Element 2-36 (Embedded beam row)	14004	2	14,300	-25,749	5,051	-447,968	0,000
(palo 1500)	14005	3	14,300	-26,068	-4,143	-483,236	0,000
	14006	4	14,300	-26,388	-14,381	-521,469	0,001

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
	14007	5	14,300	-26,708	-26,383	-561,599	0,001
EmbeddedBeamRow_3_1	14007	1	14,300	-26,708	-26,383	-561,599	0,001
Element 2-37 (Embedded beam row)	14008	2	14,300	-27,031	-39,034	-602,933	0,001
(palo 1500)	14009	3	14,300	-27,354	-52,599	-641,518	0,001
	14010	4	14,300	-27,677	-66,823	-673,287	0,001
	14011	5	14,300	-28,000	-82,648	-696,306	0,001
EmbeddedBeamRow_3_1	14011	1	14,300	-28,000	-82,648	-696,306	0,001
Element 2-38 (Embedded beam row)	14012	2	14,300	-28,403	-107,448	-718,576	0,001
(palo 1500)	14013	3	14,300	-28,805	-137,131	-725,245	0,001
	14014	4	14,300	-29,207	-171,827	-697,111	0,001
	14015	5	14,300	-29,610	-205,425	-616,694	0,001
EmbeddedBeamRow_2_1	14016	1	18,200	-5,610	0,000	0,000	0,000
Element 3-39 (Embedded beam row)	14017	2	18,200	-5,885	155,534	19,274	0,000
(palo 1500)	14018	3	18,200	-6,159	284,346	54,010	0,000
	14019	4	18,200	-6,434	383,820	104,287	0,000
	14020	5	18,200	-6,709	444,386	164,333	0,000
EmbeddedBeamRow_2_1	14020	1	18,200	-6,709	444,386	164,333	0,000
Element 3-40 (Embedded beam row)	14021	2	18,200	-6,951	460,871	217,359	0,001
(palo 1500)	14022	3	18,200	-7,194	444,341	265,788	0,001
	14023	4	18,200	-7,436	393,870	306,275	0,000
	14024	5	18,200	-7,678	305,710	335,120	0,000
EmbeddedBeamRow_2_1	14024	1	18,200	-7,678	305,710	335,120	0,000
Element 3-41 (Embedded beam row)	14025	2	18,200	-7,991	302,013	340,078	0,000
(palo 1500)	14026	3	18,200	-8,303	297,207	346,660	0,000
	14027	4	18,200	-8,616	290,750	352,249	0,000
	14028	5	18,200	-8,928	282,815	355,965	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
EmbeddedBeamRow_2_1	14028	1	18,200	-8,928	282,815	355,965	0,000
Element 3-42 (Embedded beam row)	14029	2	18,200	-9,241	273,136	358,731	0,000
(palo 1500)	14030	3	18,200	-9,553	262,358	360,489	0,000
	14031	4	18,200	-9,866	250,445	361,323	0,000
	14032	5	18,200	-10,178	237,507	361,316	0,000
EmbeddedBeamRow_2_1	14032	1	18,200	-10,178	237,507	361,316	0,000
Element 3-43 (Embedded beam row)	14033	2	18,200	-10,491	223,500	360,520	0,000
(palo 1500)	14034	3	18,200	-10,803	208,442	358,925	0,000
	14035	4	18,200	-11,116	192,237	356,506	0,000
	14036	5	18,200	-11,428	174,786	353,225	0,000
EmbeddedBeamRow_2_1	14036	1	18,200	-11,428	174,786	353,225	0,000
Element 3-44 (Embedded beam row)	14037	2	18,200	-11,741	155,989	348,966	0,000
(palo 1500)	14038	3	18,200	-12,053	135,538	343,736	0,000
	14039	4	18,200	-12,366	113,224	337,290	0,000
	14040	5	18,200	-12,678	88,079	328,741	0,000
EmbeddedBeamRow_2_1	14040	1	18,200	-12,678	88,079	328,741	0,000
Element 3-45 (Embedded beam row)	14041	2	18,200	-12,978	75,347	317,365	0,000
(palo 1500)	14042	3	18,200	-13,277	64,052	306,250	0,000
	14043	4	18,200	-13,577	53,339	294,526	0,000
	14044	5	18,200	-13,876	43,467	282,097	0,000
EmbeddedBeamRow_2_1	14044	1	18,200	-13,876	43,467	282,097	0,000
Element 3-46 (Embedded beam row)	14045	2	18,200	-14,179	34,303	268,821	0,000
(palo 1500)	14046	3	18,200	-14,482	25,995	254,771	0,000
	14047	4	18,200	-14,785	18,596	240,012	0,000
	14048	5	18,200	-15,088	12,117	224,600	0,000
EmbeddedBeamRow_2_1	14048	1	18,200	-15,088	12,117	224,600	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
Element 3-47 (Embedded beam row)	14049	2	18,200	-15,395	6,537	208,387	0,000
(palo 1500)	14050	3	18,200	-15,701	1,939	191,572	0,000
	14051	4	18,200	-16,008	-1,617	174,226	0,000
	14052	5	18,200	-16,314	-4,177	156,398	0,000
EmbeddedBeamRow_2_1	14052	1	18,200	-16,314	-4,177	156,398	0,000
Element 3-48 (Embedded beam row)	14053	2	18,200	-16,624	-5,735	137,835	0,000
(palo 1500)	14054	3	18,200	-16,934	-6,298	118,753	0,000
	14055	4	18,200	-17,244	-5,812	99,203	0,000
	14056	5	18,200	-17,554	-4,274	79,244	0,000
EmbeddedBeamRow_2_1	14056	1	18,200	-17,554	-4,274	79,244	0,000
Element 3-49 (Embedded beam row)	14057	2	18,200	-17,868	-1,603	58,690	0,000
(palo 1500)	14058	3	18,200	-18,181	2,125	37,850	0,000
	14059	4	18,200	-18,495	7,020	16,794	0,000
	14060	5	18,200	-18,808	13,106	-4,380	0,000
EmbeddedBeamRow_2_1	14060	1	18,200	-18,808	13,106	-4,380	0,000
Element 3-50 (Embedded beam row)	14061	2	18,200	-19,125	20,802	-25,649	0,000
(palo 1500)	14062	3	18,200	-19,442	29,145	-47,248	0,000
	14063	4	18,200	-19,760	37,331	-69,504	0,000
	14064	5	18,200	-20,077	45,011	-92,490	0,000
EmbeddedBeamRow_2_1	14064	1	18,200	-20,077	45,011	-92,490	0,000
Element 3-51 (Embedded beam row)	14065	2	18,200	-20,398	51,717	-116,263	0,000
(palo 1500)	14066	3	18,200	-20,718	58,442	-140,983	0,000
	14067	4	18,200	-21,039	65,389	-166,808	0,000
	14068	5	18,200	-21,360	71,528	-193,179	0,000
EmbeddedBeamRow_2_1	14068	1	18,200	-21,360	71,528	-193,179	0,000
Element 3-52 (Embedded beam row)	14069	2	18,200	-21,684	75,809	-219,988	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
(palo 1500)	14070	3	18,200	-22,009	78,452	-247,030	0,000
	14071	4	18,200	-22,333	79,674	-274,335	0,000
	14072	5	18,200	-22,658	79,723	-301,925	0,000
EmbeddedBeamRow_2_1	14072	1	18,200	-22,658	79,723	-301,925	0,000
Element 3-53 (Embedded beam row)	14073	2	18,200	-22,986	78,725	-330,161	0,000
(palo 1500)	14074	3	18,200	-23,314	76,664	-358,713	0,000
	14075	4	18,200	-23,642	73,724	-387,717	0,000
	14076	5	18,200	-23,971	69,909	-417,273	0,000
EmbeddedBeamRow_2_1	14076	1	18,200	-23,971	69,909	-417,273	0,000
Element 3-54 (Embedded beam row)	14077	2	18,200	-24,302	65,135	-447,749	0,000
(palo 1500)	14078	3	18,200	-24,634	59,333	-478,996	0,000
	14079	4	18,200	-24,966	52,373	-511,126	0,001
	14080	5	18,200	-25,298	44,074	-544,182	0,001
EmbeddedBeamRow_2_1	14080	1	18,200	-25,298	44,074	-544,182	0,001
Element 3-55 (Embedded beam row)	14081	2	18,200	-25,634	33,872	-578,527	0,001
(palo 1500)	14082	3	18,200	-25,970	21,624	-613,947	0,001
	14083	4	18,200	-26,306	6,415	-649,656	0,001
	14084	5	18,200	-26,641	-11,476	-685,099	0,001
EmbeddedBeamRow_2_1	14084	1	18,200	-26,641	-11,476	-685,099	0,001
Element 3-56 (Embedded beam row)	14085	2	18,200	-26,981	-32,624	-719,974	0,001
(palo 1500)	14086	3	18,200	-27,321	-55,167	-750,443	0,001
	14087	4	18,200	-27,660	-79,365	-774,100	0,001
	14088	5	18,200	-28,000	-105,113	-788,647	0,001
EmbeddedBeamRow_2_1	14088	1	18,200	-28,000	-105,113	-788,647	0,001
Element 3-57 (Embedded beam row)	14089	2	18,200	-28,403	-142,258	-800,017	0,001
(palo 1500)	14090	3	18,200	-28,805	-183,317	-798,526	0,001

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-6} m]	$u_{y,rel}$ [10^{-6} m]	$\lvert u_{rel} \rvert$ [m]
	14091	4	18,200	-29,207	-218,540	-768,754	0,001
	14092	5	18,200	-29,610	-197,771	-703,084	0,001

3.3.1.2.1.10 Calculation results, Embedded beam row, SISMA- [Phase_11] (9/247), Table of relative total displacements

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-3} m]	$u_{y,rel}$ [10^{-3} m]	$\lvert u_{rel} \rvert$ [m]
EmbeddedBeamRow_1_1	13862	1	10,400	-5,610	0,000	0,000	0,000
Element 1-1 (Embedded beam row)	13863	2	10,400	-5,894	0,361	-0,027	0,000
(palo 1500)	13864	3	10,400	-6,177	0,665	-0,056	0,001
	13865	4	10,400	-6,461	0,942	-0,089	0,001
	13866	5	10,400	-6,744	1,190	-0,128	0,001
EmbeddedBeamRow_1_1	13866	1	10,400	-6,744	1,190	-0,128	0,001
Element 1-2 (Embedded beam row)	13867	2	10,400	-7,057	1,185	-0,127	0,001
(palo 1500)	13868	3	10,400	-7,369	1,172	-0,128	0,001
	13869	4	10,400	-7,682	1,153	-0,130	0,001
	13870	5	10,400	-7,994	1,128	-0,133	0,001
EmbeddedBeamRow_1_1	13870	1	10,400	-7,994	1,128	-0,133	0,001
Element 1-3 (Embedded beam row)	13871	2	10,400	-8,307	1,096	-0,137	0,001
(palo 1500)	13872	3	10,400	-8,619	1,060	-0,143	0,001
	13873	4	10,400	-8,932	1,022	-0,150	0,001
	13874	5	10,400	-9,244	0,981	-0,157	0,001
EmbeddedBeamRow_1_1	13874	1	10,400	-9,244	0,981	-0,157	0,001
Element 1-4 (Embedded beam row)	13875	2	10,400	-9,557	0,942	-0,166	0,001
(palo 1500)	13876	3	10,400	-9,869	0,907	-0,177	0,001
	13877	4	10,400	-10,182	0,879	-0,189	0,001
	13878	5	10,400	-10,494	0,858	-0,203	0,001
EmbeddedBeamRow_1_1	13878	1	10,400	-10,494	0,858	-0,203	0,001
Element 1-5 (Embedded beam row)	13879	2	10,400	-10,807	0,846	-0,219	0,001
(palo 1500)	13880	3	10,400	-11,119	0,840	-0,236	0,001

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-3} m]	$u_{y,rel}$ [10^{-3} m]	$\lvert u_{rel} \rvert$ [m]
	13881	4	10,400	-11,432	0,841	-0,253	0,001
	13882	5	10,400	-11,744	0,842	-0,270	0,001
EmbeddedBeamRow_1_1	13882	1	10,400	-11,744	0,842	-0,270	0,001
Element 1-6 (Embedded beam row)	13883	2	10,400	-12,038	0,781	-0,277	0,001
(palo 1500)	13884	3	10,400	-12,331	0,726	-0,287	0,001
	13885	4	10,400	-12,624	0,674	-0,296	0,001
	13886	5	10,400	-12,918	0,626	-0,305	0,001
EmbeddedBeamRow_1_1	13886	1	10,400	-12,918	0,626	-0,305	0,001
Element 1-7 (Embedded beam row)	13887	2	10,400	-13,214	0,581	-0,314	0,001
(palo 1500)	13888	3	10,400	-13,510	0,539	-0,322	0,001
	13889	4	10,400	-13,807	0,500	-0,331	0,001
	13890	5	10,400	-14,103	0,464	-0,338	0,001
EmbeddedBeamRow_1_1	13890	1	10,400	-14,103	0,464	-0,338	0,001
Element 1-8 (Embedded beam row)	13891	2	10,400	-14,403	0,431	-0,345	0,001
(palo 1500)	13892	3	10,400	-14,702	0,401	-0,352	0,001
	13893	4	10,400	-15,002	0,374	-0,357	0,001
	13894	5	10,400	-15,302	0,349	-0,362	0,001
EmbeddedBeamRow_1_1	13894	1	10,400	-15,302	0,349	-0,362	0,001
Element 1-9 (Embedded beam row)	13895	2	10,400	-15,604	0,326	-0,366	0,000
(palo 1500)	13896	3	10,400	-15,907	0,305	-0,369	0,000
	13897	4	10,400	-16,210	0,286	-0,371	0,000
	13898	5	10,400	-16,512	0,269	-0,372	0,000
EmbeddedBeamRow_1_1	13898	1	10,400	-16,512	0,269	-0,372	0,000
Element 1-10 (Embedded beam row)	13899	2	10,400	-16,818	0,253	-0,371	0,000
(palo 1500)	13900	3	10,400	-17,124	0,237	-0,370	0,000
	13901	4	10,400	-17,430	0,223	-0,368	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-3} m]	$u_{y,rel}$ [10^{-3} m]	$\lvert u_{rel} \rvert$ [m]
	13902	5	10,400	-17,736	0,210	-0,365	0,000
EmbeddedBeamRow_1_1	13902	1	10,400	-17,736	0,210	-0,365	0,000
Element 1-11 (Embedded beam row)	13903	2	10,400	-18,045	0,197	-0,360	0,000
(palo 1500)	13904	3	10,400	-18,354	0,185	-0,355	0,000
	13905	4	10,400	-18,663	0,173	-0,349	0,000
	13906	5	10,400	-18,973	0,161	-0,342	0,000
EmbeddedBeamRow_1_1	13906	1	10,400	-18,973	0,161	-0,342	0,000
Element 1-12 (Embedded beam row)	13907	2	10,400	-19,285	0,148	-0,335	0,000
(palo 1500)	13908	3	10,400	-19,597	0,136	-0,327	0,000
	13909	4	10,400	-19,910	0,123	-0,318	0,000
	13910	5	10,400	-20,222	0,110	-0,309	0,000
EmbeddedBeamRow_1_1	13910	1	10,400	-20,222	0,110	-0,309	0,000
Element 1-13 (Embedded beam row)	13911	2	10,400	-20,538	0,097	-0,299	0,000
(palo 1500)	13912	3	10,400	-20,853	0,083	-0,288	0,000
	13913	4	10,400	-21,169	0,069	-0,277	0,000
	13914	5	10,400	-21,485	0,055	-0,265	0,000
EmbeddedBeamRow_1_1	13914	1	10,400	-21,485	0,055	-0,265	0,000
Element 1-14 (Embedded beam row)	13915	2	10,400	-21,804	0,041	-0,253	0,000
(palo 1500)	13916	3	10,400	-22,123	0,028	-0,240	0,000
	13917	4	10,400	-22,442	0,014	-0,226	0,000
	13918	5	10,400	-22,761	0,000	-0,212	0,000
EmbeddedBeamRow_1_1	13918	1	10,400	-22,761	0,000	-0,212	0,000
Element 1-15 (Embedded beam row)	13919	2	10,400	-23,083	-0,013	-0,198	0,000
(palo 1500)	13920	3	10,400	-23,405	-0,026	-0,184	0,000
	13921	4	10,400	-23,728	-0,038	-0,169	0,000
	13922	5	10,400	-24,050	-0,049	-0,155	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-3} m]	$u_{y,rel}$ [10^{-3} m]	$\lvert u_{rel} \rvert$ [m]
EmbeddedBeamRow_1_1	13922	1	10,400	-24,050	-0,049	-0,155	0,000
Element 1-16 (Embedded beam row)	13923	2	10,400	-24,376	-0,060	-0,140	0,000
(palo 1500)	13924	3	10,400	-24,701	-0,068	-0,125	0,000
	13925	4	10,400	-25,027	-0,074	-0,111	0,000
	13926	5	10,400	-25,353	-0,078	-0,098	0,000
EmbeddedBeamRow_1_1	13926	1	10,400	-25,353	-0,078	-0,098	0,000
Element 1-17 (Embedded beam row)	13927	2	10,400	-25,682	-0,079	-0,085	0,000
(palo 1500)	13928	3	10,400	-26,011	-0,078	-0,073	0,000
	13929	4	10,400	-26,340	-0,074	-0,061	0,000
	13930	5	10,400	-26,670	-0,065	-0,050	0,000
EmbeddedBeamRow_1_1	13930	1	10,400	-26,670	-0,065	-0,050	0,000
Element 1-18 (Embedded beam row)	13931	2	10,400	-27,002	-0,052	-0,042	0,000
(palo 1500)	13932	3	10,400	-27,335	-0,032	-0,033	0,000
	13933	4	10,400	-27,667	-0,007	-0,024	0,000
	13934	5	10,400	-28,000	0,023	-0,017	0,000
EmbeddedBeamRow_1_1	13934	1	10,400	-28,000	0,023	-0,017	0,000
Element 1-19 (Embedded beam row)	13935	2	10,400	-28,403	0,069	-0,003	0,000
(palo 1500)	13936	3	10,400	-28,805	0,118	0,015	0,000
	13937	4	10,400	-29,207	0,176	0,039	0,000
	13938	5	10,400	-29,610	0,214	0,099	0,000
EmbeddedBeamRow_3_1	13939	1	14,300	-5,610	0,000	0,000	0,000
Element 2-20 (Embedded beam row)	13940	2	14,300	-6,010	0,405	-0,054	0,000
(palo 1500)	13941	3	14,300	-6,411	0,754	-0,119	0,001
	13942	4	14,300	-6,811	1,073	-0,185	0,001
	13943	5	14,300	-7,211	1,350	-0,245	0,001
EmbeddedBeamRow_3_1	13943	1	14,300	-7,211	1,350	-0,245	0,001

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-3} m]	$u_{y,rel}$ [10^{-3} m]	$\lvert u_{rel} \rvert$ [m]
Element 2-21 (Embedded beam row)	13944	2	14,300	-7,524	1,292	-0,241	0,001
(palo 1500)	13945	3	14,300	-7,836	1,230	-0,242	0,001
	13946	4	14,300	-8,149	1,164	-0,249	0,001
	13947	5	14,300	-8,461	1,098	-0,259	0,001
EmbeddedBeamRow_3_1	13947	1	14,300	-8,461	1,098	-0,259	0,001
Element 2-22 (Embedded beam row)	13948	2	14,300	-8,774	1,029	-0,273	0,001
(palo 1500)	13949	3	14,300	-9,086	0,963	-0,289	0,001
	13950	4	14,300	-9,399	0,901	-0,308	0,001
	13951	5	14,300	-9,711	0,847	-0,327	0,001
EmbeddedBeamRow_3_1	13951	1	14,300	-9,711	0,847	-0,327	0,001
Element 2-23 (Embedded beam row)	13952	2	14,300	-10,024	0,801	-0,346	0,001
(palo 1500)	13953	3	14,300	-10,336	0,764	-0,364	0,001
	13954	4	14,300	-10,649	0,739	-0,383	0,001
	13955	5	14,300	-10,961	0,726	-0,402	0,001
EmbeddedBeamRow_3_1	13955	1	14,300	-10,961	0,726	-0,402	0,001
Element 2-24 (Embedded beam row)	13956	2	14,300	-11,274	0,723	-0,420	0,001
(palo 1500)	13957	3	14,300	-11,586	0,730	-0,439	0,001
	13958	4	14,300	-11,899	0,746	-0,456	0,001
	13959	5	14,300	-12,211	0,764	-0,469	0,001
EmbeddedBeamRow_3_1	13959	1	14,300	-12,211	0,764	-0,469	0,001
Element 2-25 (Embedded beam row)	13960	2	14,300	-12,496	0,696	-0,467	0,001
(palo 1500)	13961	3	14,300	-12,781	0,637	-0,467	0,001
	13962	4	14,300	-13,066	0,586	-0,469	0,001
	13963	5	14,300	-13,351	0,540	-0,471	0,001
EmbeddedBeamRow_3_1	13963	1	14,300	-13,351	0,540	-0,471	0,001
Element 2-26 (Embedded beam row)	13964	2	14,300	-13,639	0,498	-0,472	0,001

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-3} m]	$u_{y,rel}$ [10^{-3} m]	$\lvert u_{rel} \rvert$ [m]
(palo 1500)	13965	3	14,300	-13,927	0,461	-0,474	0,001
	13966	4	14,300	-14,215	0,427	-0,474	0,001
	13967	5	14,300	-14,503	0,398	-0,475	0,001
EmbeddedBeamRow_3_1	13967	1	14,300	-14,503	0,398	-0,475	0,001
Element 2-27 (Embedded beam row)	13968	2	14,300	-14,794	0,371	-0,475	0,001
(palo 1500)	13969	3	14,300	-15,084	0,348	-0,474	0,001
	13970	4	14,300	-15,375	0,327	-0,473	0,001
	13971	5	14,300	-15,666	0,309	-0,471	0,001
EmbeddedBeamRow_3_1	13971	1	14,300	-15,666	0,309	-0,471	0,001
Element 2-28 (Embedded beam row)	13972	2	14,300	-15,960	0,293	-0,467	0,001
(palo 1500)	13973	3	14,300	-16,254	0,279	-0,464	0,001
	13974	4	14,300	-16,548	0,267	-0,459	0,001
	13975	5	14,300	-16,842	0,256	-0,454	0,001
EmbeddedBeamRow_3_1	13975	1	14,300	-16,842	0,256	-0,454	0,001
Element 2-29 (Embedded beam row)	13976	2	14,300	-17,140	0,246	-0,447	0,001
(palo 1500)	13977	3	14,300	-17,437	0,237	-0,440	0,000
	13978	4	14,300	-17,734	0,229	-0,432	0,000
	13979	5	14,300	-18,031	0,222	-0,423	0,000
EmbeddedBeamRow_3_1	13979	1	14,300	-18,031	0,222	-0,423	0,000
Element 2-30 (Embedded beam row)	13980	2	14,300	-18,331	0,214	-0,414	0,000
(palo 1500)	13981	3	14,300	-18,631	0,207	-0,403	0,000
	13982	4	14,300	-18,932	0,200	-0,392	0,000
	13983	5	14,300	-19,232	0,193	-0,380	0,000
EmbeddedBeamRow_3_1	13983	1	14,300	-19,232	0,193	-0,380	0,000
Element 2-31 (Embedded beam row)	13984	2	14,300	-19,535	0,185	-0,366	0,000
(palo 1500)	13985	3	14,300	-19,839	0,177	-0,352	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-3} m]	$u_{y,rel}$ [10^{-3} m]	$\lvert u_{rel} \rvert$ [m]
	13986	4	14,300	-20,142	0,168	-0,337	0,000
	13987	5	14,300	-20,445	0,159	-0,322	0,000
EmbeddedBeamRow_3_1	13987	1	14,300	-20,445	0,159	-0,322	0,000
Element 2-32 (Embedded beam row)	13988	2	14,300	-20,752	0,148	-0,305	0,000
(palo 1500)	13989	3	14,300	-21,059	0,137	-0,289	0,000
	13990	4	14,300	-21,365	0,125	-0,272	0,000
	13991	5	14,300	-21,672	0,113	-0,255	0,000
EmbeddedBeamRow_3_1	13991	1	14,300	-21,672	0,113	-0,255	0,000
Element 2-33 (Embedded beam row)	13992	2	14,300	-21,982	0,100	-0,237	0,000
(palo 1500)	13993	3	14,300	-22,291	0,087	-0,219	0,000
	13994	4	14,300	-22,601	0,074	-0,202	0,000
	13995	5	14,300	-22,911	0,060	-0,185	0,000
EmbeddedBeamRow_3_1	13995	1	14,300	-22,911	0,060	-0,185	0,000
Element 2-34 (Embedded beam row)	13996	2	14,300	-23,224	0,047	-0,168	0,000
(palo 1500)	13997	3	14,300	-23,537	0,034	-0,151	0,000
	13998	4	14,300	-23,850	0,023	-0,135	0,000
	13999	5	14,300	-24,163	0,011	-0,120	0,000
EmbeddedBeamRow_3_1	13999	1	14,300	-24,163	0,011	-0,120	0,000
Element 2-35 (Embedded beam row)	14000	2	14,300	-24,480	0,000	-0,106	0,000
(palo 1500)	14001	3	14,300	-24,796	-0,011	-0,093	0,000
	14002	4	14,300	-25,113	-0,021	-0,080	0,000
	14003	5	14,300	-25,429	-0,032	-0,068	0,000
EmbeddedBeamRow_3_1	14003	1	14,300	-25,429	-0,032	-0,068	0,000
Element 2-36 (Embedded beam row)	14004	2	14,300	-25,749	-0,043	-0,057	0,000
(palo 1500)	14005	3	14,300	-26,068	-0,053	-0,046	0,000
	14006	4	14,300	-26,388	-0,062	-0,036	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-3} m]	$u_{y,rel}$ [10^{-3} m]	$\lvert u_{rel} \rvert$ [m]
	14007	5	14,300	-26,708	-0,068	-0,026	0,000
EmbeddedBeamRow_3_1	14007	1	14,300	-26,708	-0,068	-0,026	0,000
Element 2-37 (Embedded beam row)	14008	2	14,300	-27,031	-0,070	-0,017	0,000
(palo 1500)	14009	3	14,300	-27,354	-0,069	-0,007	0,000
	14010	4	14,300	-27,677	-0,062	0,005	0,000
	14011	5	14,300	-28,000	-0,052	0,018	0,000
EmbeddedBeamRow_3_1	14011	1	14,300	-28,000	-0,052	0,018	0,000
Element 2-38 (Embedded beam row)	14012	2	14,300	-28,403	-0,032	0,033	0,000
(palo 1500)	14013	3	14,300	-28,805	0,006	0,050	0,000
	14014	4	14,300	-29,207	0,059	0,077	0,000
	14015	5	14,300	-29,610	0,112	0,124	0,000
EmbeddedBeamRow_2_1	14016	1	18,200	-5,610	0,000	0,000	0,000
Element 3-39 (Embedded beam row)	14017	2	18,200	-5,885	-0,244	-0,054	0,000
(palo 1500)	14018	3	18,200	-6,159	-0,427	-0,157	0,000
	14019	4	18,200	-6,434	-0,581	-0,351	0,001
	14020	5	18,200	-6,709	-0,629	-0,627	0,001
EmbeddedBeamRow_2_1	14020	1	18,200	-6,709	-0,629	-0,627	0,001
Element 3-40 (Embedded beam row)	14021	2	18,200	-6,951	-0,505	-0,894	0,001
(palo 1500)	14022	3	18,200	-7,194	-0,189	-1,171	0,001
	14023	4	18,200	-7,436	0,409	-1,449	0,002
	14024	5	18,200	-7,678	1,449	-1,695	0,002
EmbeddedBeamRow_2_1	14024	1	18,200	-7,678	1,449	-1,695	0,002
Element 3-41 (Embedded beam row)	14025	2	18,200	-7,991	1,229	-1,624	0,002
(palo 1500)	14026	3	18,200	-8,303	1,049	-1,613	0,002
	14027	4	18,200	-8,616	0,903	-1,616	0,002
	14028	5	18,200	-8,928	0,785	-1,615	0,002

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-3} m]	$u_{y,rel}$ [10^{-3} m]	$\lvert u_{rel} \rvert$ [m]
EmbeddedBeamRow_2_1	14028	1	18,200	-8,928	0,785	-1,615	0,002
Element 3-42 (Embedded beam row)	14029	2	18,200	-9,241	0,690	-1,620	0,002
(palo 1500)	14030	3	18,200	-9,553	0,616	-1,623	0,002
	14031	4	18,200	-9,866	0,559	-1,625	0,002
	14032	5	18,200	-10,178	0,521	-1,626	0,002
EmbeddedBeamRow_2_1	14032	1	18,200	-10,178	0,521	-1,626	0,002
Element 3-43 (Embedded beam row)	14033	2	18,200	-10,491	0,498	-1,626	0,002
(palo 1500)	14034	3	18,200	-10,803	0,490	-1,624	0,002
	14035	4	18,200	-11,116	0,497	-1,621	0,002
	14036	5	18,200	-11,428	0,519	-1,617	0,002
EmbeddedBeamRow_2_1	14036	1	18,200	-11,428	0,519	-1,617	0,002
Element 3-44 (Embedded beam row)	14037	2	18,200	-11,741	0,557	-1,611	0,002
(palo 1500)	14038	3	18,200	-12,053	0,614	-1,606	0,002
	14039	4	18,200	-12,366	0,689	-1,601	0,002
	14040	5	18,200	-12,678	0,783	-1,584	0,002
EmbeddedBeamRow_2_1	14040	1	18,200	-12,678	0,783	-1,584	0,002
Element 3-45 (Embedded beam row)	14041	2	18,200	-12,978	0,698	-1,537	0,002
(palo 1500)	14042	3	18,200	-13,277	0,624	-1,501	0,002
	14043	4	18,200	-13,577	0,567	-1,467	0,002
	14044	5	18,200	-13,876	0,517	-1,434	0,002
EmbeddedBeamRow_2_1	14044	1	18,200	-13,876	0,517	-1,434	0,002
Element 3-46 (Embedded beam row)	14045	2	18,200	-14,179	0,474	-1,401	0,001
(palo 1500)	14046	3	18,200	-14,482	0,438	-1,369	0,001
	14047	4	18,200	-14,785	0,407	-1,336	0,001
	14048	5	18,200	-15,088	0,380	-1,304	0,001
EmbeddedBeamRow_2_1	14048	1	18,200	-15,088	0,380	-1,304	0,001

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-3} m]	$u_{y,rel}$ [10^{-3} m]	$\lvert u_{rel} \rvert$ [m]
Element 3-47 (Embedded beam row)	14049	2	18,200	-15,395	0,357	-1,272	0,001
(palo 1500)	14050	3	18,200	-15,701	0,338	-1,240	0,001
	14051	4	18,200	-16,008	0,322	-1,207	0,001
	14052	5	18,200	-16,314	0,308	-1,175	0,001
EmbeddedBeamRow_2_1	14052	1	18,200	-16,314	0,308	-1,175	0,001
Element 3-48 (Embedded beam row)	14053	2	18,200	-16,624	0,295	-1,142	0,001
(palo 1500)	14054	3	18,200	-16,934	0,285	-1,109	0,001
	14055	4	18,200	-17,244	0,276	-1,076	0,001
	14056	5	18,200	-17,554	0,268	-1,044	0,001
EmbeddedBeamRow_2_1	14056	1	18,200	-17,554	0,268	-1,044	0,001
Element 3-49 (Embedded beam row)	14057	2	18,200	-17,868	0,262	-1,010	0,001
(palo 1500)	14058	3	18,200	-18,181	0,256	-0,977	0,001
	14059	4	18,200	-18,495	0,251	-0,943	0,001
	14060	5	18,200	-18,808	0,246	-0,910	0,001
EmbeddedBeamRow_2_1	14060	1	18,200	-18,808	0,246	-0,910	0,001
Element 3-50 (Embedded beam row)	14061	2	18,200	-19,125	0,241	-0,875	0,001
(palo 1500)	14062	3	18,200	-19,442	0,236	-0,841	0,001
	14063	4	18,200	-19,760	0,230	-0,806	0,001
	14064	5	18,200	-20,077	0,224	-0,772	0,001
EmbeddedBeamRow_2_1	14064	1	18,200	-20,077	0,224	-0,772	0,001
Element 3-51 (Embedded beam row)	14065	2	18,200	-20,398	0,217	-0,737	0,001
(palo 1500)	14066	3	18,200	-20,718	0,208	-0,702	0,001
	14067	4	18,200	-21,039	0,197	-0,668	0,001
	14068	5	18,200	-21,360	0,185	-0,633	0,001
EmbeddedBeamRow_2_1	14068	1	18,200	-21,360	0,185	-0,633	0,001
Element 3-52 (Embedded beam row)	14069	2	18,200	-21,684	0,171	-0,599	0,001

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-3} m]	$u_{y,rel}$ [10^{-3} m]	$\lvert u_{rel} \rvert$ [m]
(palo 1500)	14070	3	18,200	-22,009	0,156	-0,564	0,001
	14071	4	18,200	-22,333	0,138	-0,531	0,001
	14072	5	18,200	-22,658	0,120	-0,498	0,001
EmbeddedBeamRow_2_1	14072	1	18,200	-22,658	0,120	-0,498	0,001
Element 3-53 (Embedded beam row)	14073	2	18,200	-22,986	0,102	-0,466	0,000
(palo 1500)	14074	3	18,200	-23,314	0,082	-0,435	0,000
	14075	4	18,200	-23,642	0,063	-0,405	0,000
	14076	5	18,200	-23,971	0,045	-0,377	0,000
EmbeddedBeamRow_2_1	14076	1	18,200	-23,971	0,045	-0,377	0,000
Element 3-54 (Embedded beam row)	14077	2	18,200	-24,302	0,027	-0,348	0,000
(palo 1500)	14078	3	18,200	-24,634	0,010	-0,321	0,000
	14079	4	18,200	-24,966	-0,007	-0,295	0,000
	14080	5	18,200	-25,298	-0,023	-0,269	0,000
EmbeddedBeamRow_2_1	14080	1	18,200	-25,298	-0,023	-0,269	0,000
Element 3-55 (Embedded beam row)	14081	2	18,200	-25,634	-0,037	-0,244	0,000
(palo 1500)	14082	3	18,200	-25,970	-0,051	-0,218	0,000
	14083	4	18,200	-26,306	-0,063	-0,193	0,000
	14084	5	18,200	-26,641	-0,075	-0,166	0,000
EmbeddedBeamRow_2_1	14084	1	18,200	-26,641	-0,075	-0,166	0,000
Element 3-56 (Embedded beam row)	14085	2	18,200	-26,981	-0,084	-0,138	0,000
(palo 1500)	14086	3	18,200	-27,321	-0,091	-0,110	0,000
	14087	4	18,200	-27,660	-0,096	-0,081	0,000
	14088	5	18,200	-28,000	-0,096	-0,049	0,000
EmbeddedBeamRow_2_1	14088	1	18,200	-28,000	-0,096	-0,049	0,000
Element 3-57 (Embedded beam row)	14089	2	18,200	-28,403	-0,089	-0,013	0,000
(palo 1500)	14090	3	18,200	-28,805	-0,071	0,025	0,000

Structural element	Node [10^3]	Local number	X [m]	Y [m]	$u_{x,rel}$ [10^{-3} m]	$u_{y,rel}$ [10^{-3} m]	$\lvert u_{rel} \rvert$ [m]
	14091	4	18,200	-29,207	-0,042	0,068	0,000
	14092	5	18,200	-29,610	-0,006	0,124	0,000

3.3.2.1.6 Calculation results, Embedded beam row, costruzione plinto [Phase_5] (5/24), Table of embedded pile row force envelopes

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T--- [kN/m/m]	T---+--- [kN/m/m]	T---+---	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
EmbeddedBeamRow_1_1	13862	1	10,400	-5,610	-115,739	-4,800	10,563	0,000	0,000	53,846	0,000	-115,739	0,000	-4,800	0,000	0,000	10,563
Element 1-1 (Embedded beam row)	13863	2	10,400	-5,894	-117,023	-4,805	9,202	0,025	-0,006	53,846	0,000	-117,023	0,000	-4,805	0,000	0,000	9,202
(palo 1500)	13864	3	10,400	-6,177	-118,294	-4,803	7,839	0,070	0,014	53,846	0,001	-118,294	0,000	-4,803	0,000	0,000	7,839
	13865	4	10,400	-6,461	-119,551	-4,792	6,478	0,126	0,061	53,846	0,002	-119,551	0,000	-4,792	0,000	0,000	6,478
	13866	5	10,400	-6,744	-120,792	-4,769	5,123	0,180	0,135	53,846	0,003	-120,792	0,000	-4,769	0,000	0,000	5,134
EmbeddedBeamRow_1_1	13866	1	10,400	-6,744	-120,791	-4,773	5,123	0,720	0,540	53,846	0,013	-120,791	0,000	-4,773	0,000	0,000	5,134
Element 1-2 (Embedded beam row)	13867	2	10,400	-7,057	-121,961	-4,557	3,664	0,871	0,769	53,846	0,016	-121,961	0,000	-4,557	0,000	0,000	3,695
(palo 1500)	13868	3	10,400	-7,369	-123,079	-4,292	2,280	1,037	0,942	53,846	0,019	-123,079	0,000	-4,292	0,000	0,000	2,331
	13869	4	10,400	-7,682	-124,145	-3,979	0,986	1,204	1,067	53,846	0,022	-124,145	0,000	-3,979	0,000	0,000	1,055
	13870	5	10,400	-7,994	-125,158	-3,624	-0,203	1,367	1,143	53,846	0,025	-125,158	0,000	-3,624	0,000	-0,203	0,106
EmbeddedBeamRow_1_1	13870	1	10,400	-7,994	-125,160	-3,634	-0,203	1,367	1,143	53,846	0,025	-125,160	0,000	-3,634	0,000	-0,203	0,106
Element 1-3 (Embedded beam row)	13871	2	10,400	-8,307	-126,122	-3,263	-1,280	1,522	1,187	53,846	0,028	-126,122	0,000	-3,263	0,000	-1,280	0,000
(palo 1500)	13872	3	10,400	-8,619	-127,040	-2,891	-2,242	1,669	1,199	53,846	0,031	-127,040	0,000	-2,891	0,000	-2,242	0,000
	13873	4	10,400	-8,932	-127,913	-2,520	-3,088	1,808	1,185	53,846	0,034	-127,913	0,000	-2,520	0,000	-3,088	0,000
	13874	5	10,400	-9,244	-128,741	-2,150	-3,817	1,938	1,149	53,846	0,036	-128,741	0,000	-2,150	0,000	-3,817	0,000
EmbeddedBeamRow_1_1	13874	1	10,400	-9,244	-128,744	-2,155	-3,817	1,938	1,149	53,846	0,036	-128,744	0,000	-2,155	0,000	-3,817	0,000
Element 1-4 (Embedded beam row)	13875	2	10,400	-9,557	-129,533	-1,802	-4,435	2,062	1,094	53,846	0,038	-129,533	0,000	-1,802	0,000	-4,435	0,000
(palo 1500)	13876	3	10,400	-9,869	-130,287	-1,471	-4,946	2,178	1,024	53,846	0,040	-130,287	0,000	-1,471	0,000	-4,946	0,000
	13877	4	10,400	-10,182	-131,005	-1,165	-5,357	2,287	0,939	53,846	0,042	-131,005	0,000	-1,165	0,000	-5,357	0,000
	13878	5	10,400	-10,494	-131,689	-0,884	-5,676	2,389	0,841	53,846	0,044	-131,689	0,000	-0,884	0,000	-5,676	0,000
EmbeddedBeamRow_1_1	13878	1	10,400	-10,494	-131,691	-0,887	-5,676	2,389	0,841	53,846	0,044	-131,691	0,000	-0,887	0,000	-5,676	0,000
Element 1-5 (Embedded beam row)	13879	2	10,400	-10,807	-132,344	-0,639	-5,914	2,481	0,732	53,846	0,046	-132,344	0,000	-0,639	0,000	-5,914	0,000
(palo 1500)	13880	3	10,400	-11,119	-132,972	-0,429	-6,079	2,565	0,613	53,846	0,048	-132,972	0,000	-0,429	0,000	-6,079	0,000
	13881	4	10,400	-11,432	-133,576	-0,258	-6,186	2,638	0,482	53,846	0,049	-133,576	0,000	-0,261	0,000	-6,186	0,000
	13882	5	10,400	-11,744	-134,155	-0,127	-6,245	2,691	0,344	53,846	0,050	-134,155	0,000	-0,132	0,000	-6,245	0,000
EmbeddedBeamRow_1_1	13882	1	10,400	-11,744	-134,156	-0,130	-6,245	4,036	0,515	53,846	0,075	-134,156	0,000	-0,134	0,000	-6,245	0,000
Element 1-6 (Embedded beam row)	13883	2	10,400	-12,038	-134,291	0,022	-6,261	4,119	0,504	53,846	0,076	-134,291	0,000	-0,005	0,022	-6,261	0,000
(palo 1500)	13884	3	10,400	-12,331	-134,398	0,166	-6,233	4,217	0,481	53,846	0,078	-134,398	0,000	0,000	0,166	-6,233	0,000
	13885	4	10,400	-12,624	-134,475	0,303	-6,164	4,320	0,452	53,846	0,080	-134,475	0,000	0,000	0,303	-6,164	0,000
	13886	5	10,400	-12,918	-134,522	0,431	-6,056	4,422	0,420	53,846	0,082	-134,522	0,000	0,000	0,431	-6,056	0,000
EmbeddedBeamRow_1_1	13886	1	10,400	-12,918	-134,522	0,431	-6,056	4,422	0,420	53,846	0,082	-134,522	0,000	0,000	0,431	-6,056	0,000
Element 1-7 (Embedded beam row)	13887	2	10,400	-13,214	-134,539	0,550	-5,910	4,527	0,384	53,846	0,084	-134,539	0,000	0,000	0,550	-5,910	0,000

Structural element	Node [10⁻³]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T-- [kN/m/m]	T-- [kN/m/m]	T--- [kN/m/m]	T---	N-- [kN/m]	N-- [kN/m]	Q-- [kN/m]	Q-- [kN/m]	M-- [kN m/m]	M-- [kN m/m]
(palo 1500)	13888	3	10,400	-13,510	-134,524	0,659	-5,731	4,633	0,348	53,846	0,086	-134,524	0,000	0,000	0,659	-5,731	0,000
	13889	4	10,400	-13,807	-134,478	0,756	-5,521	4,740	0,310	53,846	0,088	-134,478	0,000	0,000	0,756	-5,521	0,000
	13890	5	10,400	-14,103	-134,400	0,842	-5,284	4,847	0,273	53,846	0,090	-134,400	0,000	0,000	0,842	-5,284	0,000
EmbeddedBeamRow_1_1	13890	1	10,400	-14,103	-134,400	0,843	-5,284	4,847	0,273	53,846	0,090	-134,400	0,000	0,000	0,843	-5,284	0,000
Element 1-8 (Embedded beam row)	13891	2	10,400	-14,403	-134,289	0,918	-5,020	4,956	0,235	53,846	0,092	-134,289	0,000	0,000	0,918	-5,020	0,000
(palo 1500)	13892	3	10,400	-14,702	-134,145	0,983	-4,735	5,066	0,199	53,846	0,094	-134,145	0,000	0,000	0,983	-4,735	0,000
	13893	4	10,400	-15,002	-133,968	1,038	-4,432	5,177	0,163	53,846	0,096	-133,968	0,000	0,000	1,038	-4,432	0,000
	13894	5	10,400	-15,302	-133,759	1,081	-4,114	5,288	0,129	53,846	0,098	-133,759	0,000	0,000	1,081	-4,114	0,000
EmbeddedBeamRow_1_1	13894	1	10,400	-15,302	-133,758	1,082	-4,114	5,288	0,129	53,846	0,098	-133,758	0,000	0,000	1,082	-4,114	0,000
Element 1-9 (Embedded beam row)	13895	2	10,400	-15,604	-133,512	1,116	-3,781	5,401	0,097	53,846	0,100	-133,512	0,000	0,000	1,116	-3,781	0,000
(palo 1500)	13896	3	10,400	-15,907	-133,232	1,140	-3,439	5,515	0,066	53,846	0,102	-133,232	0,000	0,000	1,140	-3,439	0,000
	13897	4	10,400	-16,210	-132,917	1,156	-3,092	5,629	0,037	53,846	0,105	-132,917	0,000	0,000	1,156	-3,092	0,000
	13898	5	10,400	-16,512	-132,567	1,163	-2,740	5,745	0,011	53,846	0,107	-132,567	0,000	0,000	1,163	-2,740	0,000
EmbeddedBeamRow_1_1	13898	1	10,400	-16,512	-132,567	1,163	-2,740	5,745	0,011	53,846	0,107	-132,567	0,000	0,000	1,163	-2,740	0,000
Element 1-10 (Embedded beam row)	13899	2	10,400	-16,818	-132,178	1,162	-2,385	5,863	-0,015	53,846	0,109	-132,178	0,000	0,000	1,162	-2,385	0,000
(palo 1500)	13900	3	10,400	-17,124	-131,752	1,155	-2,030	5,982	-0,038	53,846	0,111	-131,752	0,000	0,000	1,155	-2,030	0,000
	13901	4	10,400	-17,430	-131,289	1,140	-1,679	6,103	-0,059	53,846	0,113	-131,289	0,000	0,000	1,140	-1,679	0,000
	13902	5	10,400	-17,736	-130,790	1,118	-1,333	6,225	-0,078	53,846	0,116	-130,790	0,000	0,000	1,118	-1,333	0,000
EmbeddedBeamRow_1_1	13902	1	10,400	-17,736	-130,790	1,119	-1,333	6,225	-0,078	53,846	0,116	-130,790	0,000	0,000	1,119	-1,333	0,000
Element 1-11 (Embedded beam row)	13903	2	10,400	-18,045	-130,248	1,092	-0,992	6,350	-0,096	53,846	0,118	-130,248	0,000	0,000	1,092	-0,994	0,000
(palo 1500)	13904	3	10,400	-18,354	-129,666	1,059	-0,659	6,476	-0,112	53,846	0,120	-129,666	0,000	0,000	1,059	-0,674	0,000
	13905	4	10,400	-18,663	-129,044	1,022	-0,337	6,605	-0,127	53,846	0,123	-129,044	0,000	0,000	1,022	-0,364	0,000
	13906	5	10,400	-18,973	-128,384	0,981	-0,027	6,735	-0,140	53,846	0,125	-128,384	0,000	0,000	0,981	-0,070	0,000
EmbeddedBeamRow_1_1	13906	1	10,400	-18,973	-128,383	0,981	-0,027	6,735	-0,140	53,846	0,125	-128,383	0,000	0,000	0,981	-0,070	0,000
Element 1-12 (Embedded beam row)	13907	2	10,400	-19,285	-127,674	0,935	0,272	6,869	-0,152	53,846	0,128	-127,674	0,000	0,000	0,935	0,000	0,272
(palo 1500)	13908	3	10,400	-19,597	-126,923	0,886	0,557	7,005	-0,163	53,846	0,130	-126,923	0,000	0,000	0,886	0,000	0,557
	13909	4	10,400	-19,910	-126,128	0,834	0,825	7,144	-0,173	53,846	0,133	-126,128	0,000	0,000	0,834	0,000	0,825
	13910	5	10,400	-20,222	-125,290	0,778	1,077	7,286	-0,182	53,846	0,135	-125,290	0,000	0,000	0,778	0,000	1,077
EmbeddedBeamRow_1_1	13910	1	10,400	-20,222	-125,289	0,778	1,077	7,286	-0,182	53,846	0,135	-125,289	0,000	0,000	0,778	0,000	1,077
Element 1-13 (Embedded beam row)	13911	2	10,400	-20,538	-124,398	0,719	1,313	7,432	-0,190	53,846	0,138	-124,398	0,000	0,000	0,719	0,000	1,313
(palo 1500)	13912	3	10,400	-20,853	-123,458	0,658	1,531	7,581	-0,198	53,846	0,141	-123,458	0,000	0,000	0,658	0,000	1,531
	13913	4	10,400	-21,169	-122,472	0,595	1,729	7,733	-0,205	53,846	0,144	-122,472	0,000	0,000	0,595	0,000	1,729
	13914	5	10,400	-21,485	-121,437	0,529	1,906	7,889	-0,211	53,846	0,147	-121,437	0,000	0,000	0,529	0,000	1,906
EmbeddedBeamRow_1_1	13914	1	10,400	-21,485	-121,436	0,529	1,906	7,889	-0,211	53,846	0,147	-121,436	0,000	0,000	0,529	0,000	1,906
Element 1-14 (Embedded beam row)	13915	2	10,400	-21,804	-120,341	0,461	2,064	8,050	-0,217	53,846	0,149	-120,341	0,000	0,000	0,461	0,000	2,064
(palo 1500)	13916	3	10,400	-22,123	-119,192	0,391	2,200	8,215	-0,223	53,846	0,153	-119,192	0,000	0,000	0,391	0,000	2,200

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
	13917	4	10,400	-22,442	-117,989	0,319	2,313	8,384	-0,228	53,846	0,156	-117,989	0,000	0,000	0,319	0,000	2,313
	13918	5	10,400	-22,761	-116,734	0,245	2,403	8,557	-0,232	53,846	0,159	-116,734	0,000	0,000	0,245	0,000	2,403
EmbeddedBeamRow_1_1	13918	1	10,400	-22,761	-116,732	0,246	2,403	8,557	-0,232	53,846	0,159	-116,732	0,000	0,000	0,246	0,000	2,403
Element 1-15 (Embedded beam row)	13919	2	10,400	-23,083	-115,407	0,170	2,470	8,737	-0,236	53,846	0,162	-115,407	0,000	0,000	0,170	0,000	2,470
(palo 1500)	13920	3	10,400	-23,405	-114,021	0,093	2,512	8,921	-0,240	53,846	0,166	-114,021	0,000	0,000	0,093	0,000	2,512
	13921	4	10,400	-23,728	-112,576	0,015	2,530	9,109	-0,242	53,846	0,169	-112,576	0,000	-0,017	0,015	0,000	2,530
	13922	5	10,400	-24,050	-111,070	-0,063	2,522	9,302	-0,243	53,846	0,173	-111,070	0,000	-0,072	0,000	0,000	2,522
EmbeddedBeamRow_1_1	13922	1	10,400	-24,050	-111,069	-0,063	2,522	9,302	-0,243	53,846	0,173	-111,069	0,000	-0,072	0,000	0,000	2,522
Element 1-16 (Embedded beam row)	13923	2	10,400	-24,376	-109,484	-0,142	2,489	9,501	-0,243	53,846	0,176	-109,484	0,000	-0,147	0,000	0,000	2,489
(palo 1500)	13924	3	10,400	-24,701	-107,831	-0,221	2,430	9,705	-0,241	53,846	0,180	-107,831	0,000	-0,221	0,000	0,000	2,430
	13925	4	10,400	-25,027	-106,111	-0,298	2,345	9,913	-0,236	53,846	0,184	-106,111	0,000	-0,298	0,000	0,000	2,345
	13926	5	10,400	-25,353	-104,326	-0,374	2,236	10,123	-0,228	53,846	0,188	-104,326	0,000	-0,374	0,000	0,000	2,236
EmbeddedBeamRow_1_1	13926	1	10,400	-25,353	-104,324	-0,373	2,236	10,123	-0,228	53,846	0,188	-104,324	0,000	-0,373	0,000	0,000	2,236
Element 1-17 (Embedded beam row)	13927	2	10,400	-25,682	-102,449	-0,447	2,100	10,338	-0,215	53,846	0,192	-102,449	0,000	-0,447	0,000	0,000	2,100
(palo 1500)	13928	3	10,400	-26,011	-100,502	-0,515	1,942	10,554	-0,198	53,846	0,196	-100,502	0,000	-0,515	0,000	0,000	1,942
	13929	4	10,400	-26,340	-98,484	-0,576	1,762	10,768	-0,173	53,846	0,200	-98,484	0,000	-0,576	0,000	0,000	1,762
	13930	5	10,400	-26,670	-96,397	-0,629	1,563	10,982	-0,143	53,846	0,204	-96,397	0,000	-0,629	0,000	0,000	1,563
EmbeddedBeamRow_1_1	13930	1	10,400	-26,670	-96,399	-0,627	1,563	10,982	-0,143	53,846	0,204	-96,399	0,000	-0,627	0,000	0,000	1,563
Element 1-18 (Embedded beam row)	13931	2	10,400	-27,002	-94,215	-0,670	1,347	11,188	-0,099	53,846	0,208	-94,215	0,000	-0,670	0,000	0,000	1,347
(palo 1500)	13932	3	10,400	-27,335	-91,970	-0,694	1,120	11,375	-0,048	53,846	0,211	-91,970	0,000	-0,694	0,000	0,000	1,120
	13933	4	10,400	-27,667	-89,668	-0,698	0,888	11,533	0,018	53,846	0,214	-89,668	0,000	-0,698	0,000	0,000	0,888
	13934	5	10,400	-28,000	-87,312	-0,682	0,658	11,636	0,097	53,846	0,216	-87,312	0,000	-0,682	0,000	0,000	0,658
EmbeddedBeamRow_1_1	13934	1	10,400	-28,000	-87,345	-0,678	0,658	11,636	0,097	53,846	0,216	-87,345	0,000	-0,678	0,000	0,000	0,658
Element 1-19 (Embedded beam row)	13935	2	10,400	-28,403	-84,433	-0,607	0,396	11,672	0,271	53,846	0,217	-84,433	0,000	-0,607	0,000	0,000	0,396
(palo 1500)	13936	3	10,400	-28,805	-81,588	-0,455	0,180	11,586	0,516	53,846	0,215	-81,588	0,000	-0,455	0,000	0,000	0,180
	13937	4	10,400	-29,207	-78,837	-0,233	0,039	11,202	0,615	53,846	0,208	-78,837	0,000	-0,233	0,000	0,000	0,039
	13938	5	10,400	-29,610	-76,208	0,045	0,000	10,173	0,404	53,846	0,189	-76,208	0,000	0,000	0,045	0,000	0,000
EmbeddedBeamRow_3_1	13939	1	14,300	-5,610	-86,150	-0,965	2,598	0,000	0,000	53,846	0,000	-86,150	0,000	-0,965	0,000	0,000	2,598
Element 2-20 (Embedded beam row)	13940	2	14,300	-6,010	-87,961	-0,964	2,212	0,008	0,011	53,846	0,000	-87,961	0,000	-0,964	0,000	0,000	2,212
(palo 1500)	13941	3	14,300	-6,411	-89,771	-0,957	1,827	0,013	0,023	53,846	0,000	-89,771	0,000	-0,957	0,000	0,000	1,828
	13942	4	14,300	-6,811	-91,578	-0,944	1,446	0,022	0,040	53,846	0,000	-91,578	0,000	-0,944	0,000	0,000	1,454
	13943	5	14,300	-7,211	-93,381	-0,925	1,072	0,038	0,059	53,846	0,001	-93,381	0,000	-0,925	0,000	0,000	1,088
EmbeddedBeamRow_3_1	13943	1	14,300	-7,211	-93,378	-0,925	1,072	0,151	0,235	53,846	0,003	-93,378	0,000	-0,925	0,000	0,000	1,088
Element 2-21 (Embedded beam row)	13944	2	14,300	-7,524	-94,747	-0,856	0,794	0,170	0,210	53,846	0,003	-94,747	0,000	-0,856	0,000	0,000	0,815
(palo 1500)	13945	3	14,300	-7,836	-96,104	-0,794	0,536	0,209	0,186	53,846	0,004	-96,104	0,000	-0,794	0,000	0,000	0,563
	13946	4	14,300	-8,149	-97,445	-0,739	0,297	0,265	0,164	53,846	0,005	-97,445	0,000	-0,739	0,000	0,000	0,328

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N --- [kN/m]	N --- [kN/m]	Q --- [kN/m]	Q --- [kN/m]	M --- [kN m/m]	M --- [kN m/m]
	13947	5	14,300	-8,461	-98,770	-0,691	0,074	0,334	0,143	53,846	0,006	-98,770	0,000	-0,691	0,000	0,000	0,154
EmbeddedBeamRow_3_1	13947	1	14,300	-8,461	-98,768	-0,691	0,074	0,334	0,143	53,846	0,006	-98,768	0,000	-0,691	0,000	0,000	0,154
Element 2-22 (Embedded beam row)	13948	2	14,300	-8,774	-100,068	-0,649	-0,135	0,416	0,124	53,846	0,008	-100,068	0,000	-0,649	0,000	-0,135	0,050
(palo 1500)	13949	3	14,300	-9,086	-101,339	-0,613	-0,333	0,509	0,108	53,846	0,009	-101,339	0,000	-0,613	0,000	-0,333	0,000
	13950	4	14,300	-9,399	-102,581	-0,582	-0,519	0,609	0,093	53,846	0,011	-102,581	0,000	-0,582	0,000	-0,519	0,000
	13951	5	14,300	-9,711	-103,790	-0,555	-0,697	0,716	0,080	53,846	0,013	-103,790	0,000	-0,555	0,000	-0,697	0,000
EmbeddedBeamRow_3_1	13951	1	14,300	-9,711	-103,790	-0,554	-0,697	0,716	0,080	53,846	0,013	-103,790	0,000	-0,554	0,000	-0,697	0,000
Element 2-23 (Embedded beam row)	13952	2	14,300	-10,024	-104,964	-0,531	-0,866	0,828	0,071	53,846	0,015	-104,964	0,000	-0,531	0,000	-0,866	0,000
(palo 1500)	13953	3	14,300	-10,336	-106,104	-0,510	-1,029	0,942	0,065	53,846	0,017	-106,104	0,000	-0,510	0,000	-1,029	0,000
	13954	4	14,300	-10,649	-107,208	-0,490	-1,185	1,057	0,062	53,846	0,020	-107,208	0,000	-0,490	0,000	-1,185	0,000
	13955	5	14,300	-10,961	-108,276	-0,471	-1,335	1,171	0,064	53,846	0,022	-108,276	0,000	-0,471	0,000	-1,335	0,000
EmbeddedBeamRow_3_1	13955	1	14,300	-10,961	-108,277	-0,470	-1,335	1,171	0,064	53,846	0,022	-108,277	0,000	-0,470	0,000	-1,335	0,000
Element 2-24 (Embedded beam row)	13956	2	14,300	-11,274	-109,308	-0,451	-1,479	1,283	0,070	53,846	0,024	-109,308	0,000	-0,451	0,000	-1,479	0,000
(palo 1500)	13957	3	14,300	-11,586	-110,306	-0,427	-1,616	1,391	0,082	53,846	0,026	-110,306	0,000	-0,427	0,000	-1,616	0,000
	13958	4	14,300	-11,899	-111,272	-0,398	-1,745	1,493	0,100	53,846	0,028	-111,272	0,000	-0,398	0,000	-1,745	0,000
	13959	5	14,300	-12,211	-112,205	-0,364	-1,865	1,585	0,126	53,846	0,029	-112,205	0,000	-0,364	0,000	-1,865	0,000
EmbeddedBeamRow_3_1	13959	1	14,300	-12,211	-112,205	-0,364	-1,865	2,378	0,190	53,846	0,044	-112,205	0,000	-0,364	0,000	-1,865	0,000
Element 2-25 (Embedded beam row)	13960	2	14,300	-12,496	-112,804	-0,311	-1,961	2,490	0,180	53,846	0,046	-112,804	0,000	-0,311	0,000	-1,961	0,000
(palo 1500)	13961	3	14,300	-12,781	-113,368	-0,261	-2,042	2,612	0,167	53,846	0,049	-113,368	0,000	-0,261	0,000	-2,042	0,000
	13962	4	14,300	-13,066	-113,897	-0,215	-2,110	2,737	0,155	53,846	0,051	-113,897	0,000	-0,215	0,000	-2,110	0,000
	13963	5	14,300	-13,351	-114,391	-0,173	-2,165	2,865	0,142	53,846	0,053	-114,391	0,000	-0,173	0,000	-2,165	0,000
EmbeddedBeamRow_3_1	13963	1	14,300	-13,351	-114,390	-0,173	-2,165	2,865	0,142	53,846	0,053	-114,390	0,000	-0,173	0,000	-2,165	0,000
Element 2-26 (Embedded beam row)	13964	2	14,300	-13,639	-114,851	-0,134	-2,209	2,995	0,129	53,846	0,056	-114,851	0,000	-0,134	0,000	-2,209	0,000
(palo 1500)	13965	3	14,300	-13,927	-115,275	-0,099	-2,242	3,126	0,117	53,846	0,058	-115,275	0,000	-0,099	0,000	-2,242	0,000
	13966	4	14,300	-14,215	-115,661	-0,067	-2,266	3,257	0,105	53,846	0,060	-115,661	0,000	-0,067	0,000	-2,266	0,000
	13967	5	14,300	-14,503	-116,009	-0,038	-2,281	3,389	0,094	53,846	0,063	-116,009	0,000	-0,038	0,000	-2,281	0,000
EmbeddedBeamRow_3_1	13967	1	14,300	-14,503	-116,009	-0,038	-2,281	3,389	0,094	53,846	0,063	-116,009	0,000	-0,038	0,000	-2,281	0,000
Element 2-27 (Embedded beam row)	13968	2	14,300	-14,794	-116,322	-0,012	-2,288	3,523	0,084	53,846	0,065	-116,322	0,000	-0,012	0,000	-2,288	0,000
(palo 1500)	13969	3	14,300	-15,084	-116,596	0,011	-2,288	3,656	0,074	53,846	0,068	-116,596	0,000	0,000	0,012	-2,288	0,000
	13970	4	14,300	-15,375	-116,831	0,031	-2,282	3,790	0,064	53,846	0,070	-116,831	0,000	0,000	0,032	-2,282	0,000
	13971	5	14,300	-15,666	-117,027	0,048	-2,271	3,924	0,056	53,846	0,073	-117,027	0,000	0,000	0,049	-2,271	0,000
EmbeddedBeamRow_3_1	13971	1	14,300	-15,666	-117,027	0,049	-2,271	3,924	0,056	53,846	0,073	-117,027	0,000	0,000	0,049	-2,271	0,000
Element 2-28 (Embedded beam row)	13972	2	14,300	-15,960	-117,185	0,064	-2,254	4,060	0,048	53,846	0,075	-117,185	0,000	0,000	0,064	-2,254	0,000
(palo 1500)	13973	3	14,300	-16,254	-117,304	0,077	-2,233	4,195	0,041	53,846	0,078	-117,304	0,000	0,000	0,077	-2,233	0,000
	13974	4	14,300	-16,548	-117,383	0,088	-2,209	4,330	0,035	53,846	0,080	-117,383	0,000	0,000	0,088	-2,209	0,000
	13975	5	14,300	-16,842	-117,422	0,098	-2,182	4,466	0,030	53,846	0,083	-117,422	0,000	0,000	0,098	-2,182	0,000

Structural element	Node [10⁻¹]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- [kN/m/m]	T---	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
EmbeddedBeamRow_3_1	13975	1	14,300	-16,842	-117,422	0,098	-2,182	4,466	0,030	53,846	0,083	-117,422	0,000	0,000	0,098	-2,182	0,000
Element 2-29 (Embedded beam row)	13976	2	14,300	-17,140	-117,421	0,106	-2,151	4,602	0,025	53,846	0,085	-117,421	0,000	0,000	0,106	-2,151	0,000
(palo 1500)	13977	3	14,300	-17,437	-117,380	0,113	-2,119	4,739	0,021	53,846	0,088	-117,380	0,000	0,000	0,113	-2,119	0,000
	13978	4	14,300	-17,734	-117,297	0,119	-2,085	4,877	0,018	53,846	0,091	-117,297	0,000	0,000	0,119	-2,085	0,000
	13979	5	14,300	-18,031	-117,174	0,124	-2,049	5,014	0,016	53,846	0,093	-117,174	0,000	0,000	0,124	-2,049	0,000
EmbeddedBeamRow_3_1	13979	1	14,300	-18,031	-117,174	0,124	-2,049	5,014	0,016	53,846	0,093	-117,174	0,000	0,000	0,124	-2,049	0,000
Element 2-30 (Embedded beam row)	13980	2	14,300	-18,331	-117,009	0,128	-2,011	5,154	0,015	53,846	0,096	-117,009	0,000	0,000	0,128	-2,011	0,000
(palo 1500)	13981	3	14,300	-18,631	-116,801	0,133	-1,971	5,294	0,014	53,846	0,098	-116,801	0,000	0,000	0,133	-1,971	0,000
	13982	4	14,300	-18,932	-116,550	0,137	-1,931	5,434	0,013	53,846	0,101	-116,550	0,000	0,000	0,137	-1,931	0,000
	13983	5	14,300	-19,232	-116,258	0,141	-1,889	5,576	0,014	53,846	0,104	-116,258	0,000	0,000	0,141	-1,889	0,000
EmbeddedBeamRow_3_1	13983	1	14,300	-19,232	-116,258	0,141	-1,889	5,576	0,014	53,846	0,104	-116,258	0,000	0,000	0,141	-1,889	0,000
Element 2-31 (Embedded beam row)	13984	2	14,300	-19,535	-115,919	0,145	-1,846	5,720	0,014	53,846	0,106	-115,919	0,000	0,000	0,145	-1,846	0,000
(palo 1500)	13985	3	14,300	-19,839	-115,536	0,149	-1,801	5,866	0,016	53,846	0,109	-115,536	0,000	0,000	0,149	-1,801	0,000
	13986	4	14,300	-20,142	-115,109	0,154	-1,755	6,014	0,017	53,846	0,112	-115,109	0,000	0,000	0,154	-1,755	0,000
	13987	5	14,300	-20,445	-114,637	0,160	-1,708	6,163	0,019	53,846	0,114	-114,637	0,000	0,000	0,160	-1,708	0,000
EmbeddedBeamRow_3_1	13987	1	14,300	-20,445	-114,636	0,160	-1,708	6,163	0,019	53,846	0,114	-114,636	0,000	0,000	0,160	-1,708	0,000
Element 2-32 (Embedded beam row)	13988	2	14,300	-20,752	-114,113	0,166	-1,658	6,316	0,021	53,846	0,117	-114,113	0,000	0,000	0,166	-1,658	0,000
(palo 1500)	13989	3	14,300	-21,059	-113,542	0,173	-1,606	6,471	0,023	53,846	0,120	-113,542	0,000	0,000	0,173	-1,606	0,000
	13990	4	14,300	-21,365	-112,923	0,180	-1,552	6,629	0,025	53,846	0,123	-112,923	0,000	0,000	0,180	-1,552	0,000
	13991	5	14,300	-21,672	-112,256	0,188	-1,496	6,790	0,027	53,846	0,126	-112,256	0,000	0,000	0,188	-1,496	0,000
EmbeddedBeamRow_3_1	13991	1	14,300	-21,672	-112,255	0,188	-1,496	6,790	0,027	53,846	0,126	-112,255	0,000	0,000	0,188	-1,496	0,000
Element 2-33 (Embedded beam row)	13992	2	14,300	-21,982	-111,530	0,197	-1,436	6,957	0,029	53,846	0,129	-111,530	0,000	0,000	0,197	-1,436	0,000
(palo 1500)	13993	3	14,300	-22,291	-110,752	0,206	-1,374	7,127	0,031	53,846	0,132	-110,752	0,000	0,000	0,206	-1,374	0,000
	13994	4	14,300	-22,601	-109,921	0,216	-1,308	7,301	0,032	53,846	0,136	-109,921	0,000	0,000	0,216	-1,308	0,000
	13995	5	14,300	-22,911	-109,036	0,226	-1,240	7,480	0,032	53,846	0,139	-109,036	0,000	0,000	0,226	-1,240	0,000
EmbeddedBeamRow_3_1	13995	1	14,300	-22,911	-109,034	0,225	-1,240	7,480	0,032	53,846	0,139	-109,034	0,000	0,000	0,225	-1,240	0,000
Element 2-34 (Embedded beam row)	13996	2	14,300	-23,224	-108,084	0,236	-1,168	7,666	0,032	53,846	0,142	-108,084	0,000	0,000	0,236	-1,168	0,000
(palo 1500)	13997	3	14,300	-23,537	-107,072	0,246	-1,092	7,858	0,031	53,846	0,146	-107,072	0,000	0,000	0,246	-1,092	0,000
	13998	4	14,300	-23,850	-105,999	0,255	-1,014	8,056	0,029	53,846	0,150	-105,999	0,000	0,000	0,255	-1,014	0,000
	13999	5	14,300	-24,163	-104,865	0,264	-0,933	8,260	0,026	53,846	0,153	-104,865	0,000	0,000	0,264	-0,933	0,000
EmbeddedBeamRow_3_1	13999	1	14,300	-24,163	-104,863	0,264	-0,933	8,260	0,026	53,846	0,153	-104,863	0,000	0,000	0,264	-0,933	0,000
Element 2-35 (Embedded beam row)	14000	2	14,300	-24,480	-103,652	0,271	-0,848	8,474	0,021	53,846	0,157	-103,652	0,000	0,000	0,271	-0,848	0,000
(palo 1500)	14001	3	14,300	-24,796	-102,369	0,277	-0,761	8,696	0,015	53,846	0,161	-102,369	0,000	0,000	0,277	-0,763	0,000
	14002	4	14,300	-25,113	-101,014	0,280	-0,673	8,926	0,006	53,846	0,166	-101,014	0,000	0,000	0,280	-0,682	0,000
	14003	5	14,300	-25,429	-99,589	0,281	-0,584	9,164	-0,005	53,846	0,170	-99,589	0,000	0,000	0,281	-0,601	0,000
EmbeddedBeamRow_3_1	14003	1	14,300	-25,429	-99,586	0,280	-0,584	9,164	-0,005	53,846	0,170	-99,586	0,000	0,000	0,280	-0,601	0,000

Structural element	Node [10⁻]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N -- [kN/m]	N --- [kN/m]	Q -- [kN/m]	Q --- [kN/m]	M -- [kN m/m]	M --- [kN m/m]
Element 2-36 (Embedded beam row)	14004	2	14,300	-25,749	-98,067	0,277	-0,495	9,413	-0,018	53,846	0,175	-98,067	0,000	0,000	0,277	-0,519	0,000
(palo 1500)	14005	3	14,300	-26,068	-96,465	0,268	-0,408	9,670	-0,035	53,846	0,180	-96,465	0,000	0,000	0,268	-0,439	0,000
	14006	4	14,300	-26,388	-94,779	0,254	-0,324	9,934	-0,054	53,846	0,184	-94,779	0,000	0,000	0,254	-0,361	0,000
	14007	5	14,300	-26,708	-93,011	0,234	-0,246	10,203	-0,076	53,846	0,189	-93,011	0,000	0,000	0,234	-0,287	0,000
EmbeddedBeamRow_3_1	14007	1	14,300	-26,708	-93,011	0,234	-0,246	10,203	-0,076	53,846	0,189	-93,011	0,000	0,000	0,234	-0,287	0,000
Element 2-37 (Embedded beam row)	14008	2	14,300	-27,031	-91,133	0,205	-0,175	10,476	-0,098	53,846	0,195	-91,133	0,000	0,000	0,205	-0,218	0,000
(palo 1500)	14009	3	14,300	-27,354	-89,170	0,170	-0,114	10,741	-0,120	53,846	0,199	-89,170	0,000	0,000	0,175	-0,157	0,000
	14010	4	14,300	-27,677	-87,124	0,130	-0,065	10,985	-0,131	53,846	0,204	-87,124	0,000	0,000	0,143	-0,106	0,000
	14011	5	14,300	-28,000	-85,000	0,085	-0,031	11,188	-0,131	53,846	0,208	-85,000	0,000	0,000	0,107	-0,075	0,000
EmbeddedBeamRow_3_1	14011	1	14,300	-28,000	-85,048	0,092	-0,031	11,188	-0,131	53,846	0,208	-85,048	0,000	0,000	0,112	-0,075	0,000
Element 2-38 (Embedded beam row)	14012	2	14,300	-28,403	-82,250	0,034	-0,006	11,417	-0,113	53,846	0,212	-82,250	0,000	0,000	0,066	-0,046	0,000
(palo 1500)	14013	3	14,300	-28,805	-79,490	0,001	0,000	11,449	-0,051	53,846	0,213	-79,490	0,000	0,000	0,049	-0,022	0,000
	14014	4	14,300	-29,207	-76,811	-0,005	-0,001	11,014	0,019	53,846	0,205	-76,811	0,000	-0,005	0,029	-0,007	0,000
	14015	5	14,300	-29,610	-74,256	0,017	0,000	9,914	-0,046	53,846	0,184	-74,256	0,000	0,000	0,017	0,000	0,000
EmbeddedBeamRow_2_1	14016	1	18,200	-5,610	-124,139	2,346	-3,703	0,000	0,000	53,846	0,000	-124,139	0,000	0,000	2,346	-3,703	0,000
Element 3-39 (Embedded beam row)	14017	2	18,200	-5,885	-125,387	2,327	-3,060	0,016	-0,120	53,846	0,000	-125,387	0,000	0,000	2,327	-3,060	0,000
(palo 1500)	14018	3	18,200	-6,159	-126,621	2,279	-2,426	0,058	-0,232	53,846	0,001	-126,621	0,000	0,000	2,279	-2,426	0,000
	14019	4	18,200	-6,434	-127,839	2,203	-1,810	0,134	-0,328	53,846	0,002	-127,839	0,000	0,000	2,203	-1,810	0,000
	14020	5	18,200	-6,709	-129,038	2,099	-1,218	0,233	-0,380	53,846	0,004	-129,038	0,000	0,000	2,099	-1,218	0,000
EmbeddedBeamRow_2_1	14020	1	18,200	-6,709	-129,036	2,108	-1,218	0,233	-0,380	53,846	0,004	-129,036	0,000	0,000	2,108	-1,218	0,000
Element 3-40 (Embedded beam row)	14021	2	18,200	-6,951	-130,064	2,008	-0,720	0,327	-0,377	53,846	0,006	-130,064	0,000	0,000	2,008	-0,720	0,000
(palo 1500)	14022	3	18,200	-7,194	-131,073	1,924	-0,244	0,415	-0,328	53,846	0,008	-131,073	0,000	0,000	1,924	-0,244	0,000
	14023	4	18,200	-7,436	-132,061	1,858	0,214	0,492	-0,231	53,846	0,009	-132,061	0,000	0,000	1,858	0,000	0,215
	14024	5	18,200	-7,678	-133,030	1,811	0,658	0,548	-0,080	53,846	0,010	-133,030	0,000	0,000	1,811	0,000	0,658
EmbeddedBeamRow_2_1	14024	1	18,200	-7,678	-133,029	1,820	0,658	2,193	-0,320	53,846	0,041	-133,029	0,000	0,000	1,820	0,000	0,658
Element 3-41 (Embedded beam row)	14025	2	18,200	-7,991	-133,755	1,691	1,207	2,253	-0,470	53,846	0,042	-133,755	0,000	0,000	1,691	0,000	1,207
(palo 1500)	14026	3	18,200	-8,303	-134,453	1,526	1,711	2,341	-0,589	53,846	0,043	-134,453	0,000	0,000	1,526	0,000	1,711
	14027	4	18,200	-8,616	-135,123	1,329	2,158	2,436	-0,678	53,846	0,045	-135,123	0,000	0,000	1,329	0,000	2,158
	14028	5	18,200	-8,928	-135,762	1,102	2,538	2,529	-0,738	53,846	0,047	-135,762	0,000	0,000	1,102	0,000	2,538
EmbeddedBeamRow_2_1	14028	1	18,200	-8,928	-135,763	1,108	2,538	2,529	-0,738	53,846	0,047	-135,763	0,000	0,000	1,108	0,000	2,538
Element 3-42 (Embedded beam row)	14029	2	18,200	-9,241	-136,373	0,868	2,847	2,622	-0,772	53,846	0,049	-136,373	0,000	0,000	0,868	0,000	2,847
(palo 1500)	14030	3	18,200	-9,553	-136,956	0,625	3,080	2,715	-0,784	53,846	0,050	-136,956	0,000	0,000	0,625	0,000	3,080
	14031	4	18,200	-9,866	-137,509	0,382	3,238	2,806	-0,776	53,846	0,052	-137,509	0,000	0,000	0,382	0,000	3,238
	14032	5	18,200	-10,178	-138,034	0,139	3,319	2,895	-0,750	53,846	0,054	-138,034	0,000	0,000	0,140	0,000	3,319
EmbeddedBeamRow_2_1	14032	1	18,200	-10,178	-138,035	0,144	3,319	2,895	-0,750	53,846	0,054	-138,035	0,000	0,000	0,144	0,000	3,319
Element 3-43 (Embedded beam row)	14033	2	18,200	-10,491	-138,531	-0,087	3,328	2,984	-0,707	53,846	0,055	-138,531	0,000	-0,087	0,000	0,000	3,328

Structural element	Node [10⁻]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T-- [kN/m/m]	T-- [kN/m/m]	T--- [kN/m/m]	T---	N-- [kN/m]	N-- [kN/m]	Q-- [kN/m]	Q-- [kN/m]	M-- [kN m/m]	M-- [kN m/m]
(palo 1500)	14034	3	18,200	-10,803	-139,002	-0,299	3,267	3,070	-0,648	53,846	0,057	-139,002	0,000	-0,299	0,000	0,000	3,267
	14035	4	18,200	-11,116	-139,445	-0,489	3,143	3,155	-0,573	53,846	0,059	-139,445	0,000	-0,489	0,000	0,000	3,143
	14036	5	18,200	-11,428	-139,861	-0,657	2,964	3,239	-0,481	53,846	0,060	-139,861	0,000	-0,657	0,000	0,000	2,964
EmbeddedBeamRow_2_1	14036	1	18,200	-11,428	-139,862	-0,652	2,964	3,239	-0,481	53,846	0,060	-139,862	0,000	-0,652	0,000	0,000	2,964
Element 3-44 (Embedded beam row)	14037	2	18,200	-11,741	-140,253	-0,790	2,737	3,319	-0,374	53,846	0,062	-140,253	0,000	-0,790	0,000	0,000	2,737
(palo 1500)	14038	3	18,200	-12,053	-140,620	-0,887	2,474	3,397	-0,249	53,846	0,063	-140,620	0,000	-0,887	0,000	0,000	2,474
	14039	4	18,200	-12,366	-140,963	-0,941	2,187	3,470	-0,105	53,846	0,064	-140,963	0,000	-0,941	0,000	0,000	2,187
	14040	5	18,200	-12,678	-141,282	-0,953	1,890	3,531	0,066	53,846	0,066	-141,282	0,000	-0,953	0,000	0,000	1,890
EmbeddedBeamRow_2_1	14040	1	18,200	-12,678	-141,281	-0,950	1,890	5,296	0,099	53,846	0,098	-141,281	0,000	-0,950	0,000	0,000	1,890
Element 3-45 (Embedded beam row)	14041	2	18,200	-12,978	-141,049	-0,923	1,610	5,343	0,077	53,846	0,099	-141,049	0,000	-0,923	0,000	0,000	1,610
(palo 1500)	14042	3	18,200	-13,277	-140,795	-0,903	1,337	5,414	0,051	53,846	0,101	-140,795	0,000	-0,903	0,000	0,000	1,341
	14043	4	18,200	-13,577	-140,518	-0,890	1,068	5,494	0,034	53,846	0,102	-140,518	0,000	-0,890	0,000	0,000	1,078
	14044	5	18,200	-13,876	-140,219	-0,883	0,803	5,579	0,020	53,846	0,104	-140,219	0,000	-0,883	0,000	0,000	0,819
EmbeddedBeamRow_2_1	14044	1	18,200	-13,876	-140,217	-0,882	0,803	5,579	0,020	53,846	0,104	-140,217	0,000	-0,882	0,000	0,000	0,819
Element 3-46 (Embedded beam row)	14045	2	18,200	-14,179	-139,887	-0,879	0,536	5,669	0,010	53,846	0,105	-139,887	0,000	-0,879	0,000	0,000	0,558
(palo 1500)	14046	3	18,200	-14,482	-139,528	-0,877	0,270	5,763	0,003	53,846	0,107	-139,528	0,000	-0,877	0,000	0,000	0,299
	14047	4	18,200	-14,785	-139,140	-0,876	0,005	5,859	0,000	53,846	0,109	-139,140	0,000	-0,876	0,000	0,000	0,084
	14048	5	18,200	-15,088	-138,723	-0,877	-0,261	5,958	0,000	53,846	0,111	-138,723	0,000	-0,877	0,000	-0,261	0,000
EmbeddedBeamRow_2_1	14048	1	18,200	-15,088	-138,723	-0,876	-0,261	5,958	0,000	53,846	0,111	-138,723	0,000	-0,876	0,000	-0,261	0,000
Element 3-47 (Embedded beam row)	14049	2	18,200	-15,395	-138,270	-0,876	-0,529	6,060	0,003	53,846	0,113	-138,270	0,000	-0,876	0,000	-0,529	0,000
(palo 1500)	14050	3	18,200	-15,701	-137,786	-0,874	-0,797	6,164	0,008	53,846	0,114	-137,786	0,000	-0,874	0,000	-0,797	0,000
	14051	4	18,200	-16,008	-137,269	-0,871	-1,065	6,270	0,014	53,846	0,116	-137,269	0,000	-0,871	0,000	-1,065	0,000
	14052	5	18,200	-16,314	-136,720	-0,865	-1,331	6,377	0,022	53,846	0,118	-136,720	0,000	-0,865	0,000	-1,331	0,000
EmbeddedBeamRow_2_1	14052	1	18,200	-16,314	-136,720	-0,865	-1,331	6,377	0,022	53,846	0,118	-136,720	0,000	-0,865	0,000	-1,331	0,000
Element 3-48 (Embedded beam row)	14053	2	18,200	-16,624	-136,131	-0,857	-1,598	6,487	0,031	53,846	0,120	-136,131	0,000	-0,857	0,000	-1,598	0,000
(palo 1500)	14054	3	18,200	-16,934	-135,507	-0,846	-1,862	6,598	0,042	53,846	0,123	-135,507	0,000	-0,846	0,000	-1,862	0,000
	14055	4	18,200	-17,244	-134,849	-0,831	-2,122	6,711	0,053	53,846	0,125	-134,849	0,000	-0,831	0,000	-2,122	0,000
	14056	5	18,200	-17,554	-134,156	-0,813	-2,377	6,825	0,065	53,846	0,127	-134,156	0,000	-0,813	0,000	-2,377	0,000
EmbeddedBeamRow_2_1	14056	1	18,200	-17,554	-134,155	-0,813	-2,377	6,825	0,065	53,846	0,127	-134,155	0,000	-0,813	0,000	-2,377	0,000
Element 3-49 (Embedded beam row)	14057	2	18,200	-17,868	-133,418	-0,791	-2,628	6,942	0,077	53,846	0,129	-133,418	0,000	-0,791	0,000	-2,628	0,000
(palo 1500)	14058	3	18,200	-18,181	-132,644	-0,764	-2,872	7,060	0,090	53,846	0,131	-132,644	0,000	-0,764	0,000	-2,872	0,000
	14059	4	18,200	-18,495	-131,832	-0,734	-3,107	7,179	0,104	53,846	0,133	-131,832	0,000	-0,734	0,000	-3,107	0,000
	14060	5	18,200	-18,808	-130,984	-0,699	-3,332	7,300	0,118	53,846	0,136	-130,984	0,000	-0,699	0,000	-3,332	0,000
EmbeddedBeamRow_2_1	14060	1	18,200	-18,808	-130,983	-0,699	-3,332	7,300	0,118	53,846	0,136	-130,983	0,000	-0,699	0,000	-3,332	0,000
Element 3-50 (Embedded beam row)	14061	2	18,200	-19,125	-130,086	-0,660	-3,547	7,424	0,132	53,846	0,138	-130,086	0,000	-0,660	0,000	-3,547	0,000
(palo 1500)	14062	3	18,200	-19,442	-129,148	-0,616	-3,749	7,550	0,146	53,846	0,140	-129,148	0,000	-0,616	0,000	-3,749	0,000

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
	14063	4	18,200	-19,760	-128,170	-0,567	-3,937	7,677	0,160	53,846	0,143	-128,170	0,000	-0,567	0,000	-3,937	0,000
	14064	5	18,200	-20,077	-127,153	-0,514	-4,108	7,806	0,175	53,846	0,145	-127,153	0,000	-0,514	0,000	-4,108	0,000
EmbeddedBeamRow_2_1	14064	1	18,200	-20,077	-127,152	-0,514	-4,108	7,806	0,175	53,846	0,145	-127,152	0,000	-0,514	0,000	-4,108	0,000
Element 3-51 (Embedded beam row)	14065	2	18,200	-20,398	-126,081	-0,455	-4,264	7,939	0,189	53,846	0,147	-126,081	0,000	-0,455	0,000	-4,264	0,000
(palo 1500)	14066	3	18,200	-20,718	-124,966	-0,392	-4,400	8,073	0,203	53,846	0,150	-124,966	0,000	-0,392	0,000	-4,400	0,000
	14067	4	18,200	-21,039	-123,808	-0,325	-4,515	8,210	0,218	53,846	0,152	-123,808	0,000	-0,325	0,000	-4,515	0,000
	14068	5	18,200	-21,360	-122,606	-0,253	-4,608	8,350	0,231	53,846	0,155	-122,606	0,000	-0,253	0,000	-4,608	0,000
EmbeddedBeamRow_2_1	14068	1	18,200	-21,360	-122,605	-0,253	-4,608	8,350	0,231	53,846	0,155	-122,605	0,000	-0,253	0,000	-4,608	0,000
Element 3-52 (Embedded beam row)	14069	2	18,200	-21,684	-121,344	-0,176	-4,678	8,494	0,244	53,846	0,158	-121,344	0,000	-0,176	0,000	-4,678	0,000
(palo 1500)	14070	3	18,200	-22,009	-120,034	-0,094	-4,722	8,640	0,257	53,846	0,160	-120,034	0,000	-0,094	0,000	-4,722	0,000
	14071	4	18,200	-22,333	-118,676	-0,009	-4,739	8,790	0,268	53,846	0,163	-118,676	0,000	-0,010	0,005	-4,739	0,000
	14072	5	18,200	-22,658	-117,271	0,080	-4,727	8,942	0,279	53,846	0,166	-117,271	0,000	0,000	0,080	-4,727	0,000
EmbeddedBeamRow_2_1	14072	1	18,200	-22,658	-117,269	0,079	-4,727	8,942	0,279	53,846	0,166	-117,269	0,000	0,000	0,079	-4,727	0,000
Element 3-53 (Embedded beam row)	14073	2	18,200	-22,986	-115,797	0,173	-4,686	9,100	0,287	53,846	0,169	-115,797	0,000	0,000	0,173	-4,686	0,000
(palo 1500)	14074	3	18,200	-23,314	-114,271	0,268	-4,614	9,260	0,294	53,846	0,172	-114,271	0,000	0,000	0,268	-4,614	0,000
	14075	4	18,200	-23,642	-112,691	0,365	-4,510	9,424	0,298	53,846	0,175	-112,691	0,000	0,000	0,365	-4,510	0,000
	14076	5	18,200	-23,971	-111,059	0,464	-4,374	9,592	0,299	53,846	0,178	-111,059	0,000	0,000	0,464	-4,374	0,000
EmbeddedBeamRow_2_1	14076	1	18,200	-23,971	-111,058	0,463	-4,374	9,592	0,299	53,846	0,178	-111,058	0,000	0,000	0,463	-4,374	0,000
Element 3-54 (Embedded beam row)	14077	2	18,200	-24,302	-109,351	0,563	-4,204	9,765	0,296	53,846	0,181	-109,351	0,000	0,000	0,563	-4,204	0,000
(palo 1500)	14078	3	18,200	-24,634	-107,584	0,659	-4,001	9,941	0,288	53,846	0,185	-107,584	0,000	0,000	0,659	-4,001	0,000
	14079	4	18,200	-24,966	-105,757	0,752	-3,766	10,120	0,274	53,846	0,188	-105,757	0,000	0,000	0,752	-3,766	0,000
	14080	5	18,200	-25,298	-103,873	0,842	-3,502	10,302	0,253	53,846	0,191	-103,873	0,000	0,000	0,842	-3,502	0,000
EmbeddedBeamRow_2_1	14080	1	18,200	-25,298	-103,872	0,839	-3,502	10,302	0,253	53,846	0,191	-103,872	0,000	0,000	0,839	-3,502	0,000
Element 3-55 (Embedded beam row)	14081	2	18,200	-25,634	-101,904	0,921	-3,206	10,487	0,223	53,846	0,195	-101,904	0,000	0,000	0,921	-3,206	0,000
(palo 1500)	14082	3	18,200	-25,970	-99,873	0,989	-2,885	10,673	0,182	53,846	0,198	-99,873	0,000	0,000	0,989	-2,885	0,000
	14083	4	18,200	-26,306	-97,779	1,041	-2,543	10,858	0,129	53,846	0,202	-97,779	0,000	0,000	1,041	-2,543	0,000
	14084	5	18,200	-26,641	-95,625	1,076	-2,187	11,037	0,061	53,846	0,205	-95,625	0,000	0,000	1,076	-2,187	0,000
EmbeddedBeamRow_2_1	14084	1	18,200	-26,641	-95,627	1,072	-2,187	11,037	0,061	53,846	0,205	-95,627	0,000	0,000	1,072	-2,187	0,000
Element 3-56 (Embedded beam row)	14085	2	18,200	-26,981	-93,385	1,083	-1,821	11,206	-0,017	53,846	0,208	-93,385	0,000	0,000	1,083	-1,821	0,000
(palo 1500)	14086	3	18,200	-27,321	-91,093	1,060	-1,455	11,357	-0,120	53,846	0,211	-91,093	0,000	0,000	1,060	-1,455	0,000
	14087	4	18,200	-27,660	-88,755	1,001	-1,104	11,474	-0,226	53,846	0,213	-88,755	0,000	0,000	1,001	-1,104	0,000
	14088	5	18,200	-28,000	-86,376	0,907	-0,779	11,536	-0,332	53,846	0,214	-86,376	0,000	0,000	0,907	-0,779	0,000
EmbeddedBeamRow_2_1	14088	1	18,200	-28,000	-86,417	0,906	-0,779	11,536	-0,332	53,846	0,214	-86,417	0,000	0,000	0,906	-0,779	0,000
Element 3-57 (Embedded beam row)	14089	2	18,200	-28,403	-83,539	0,744	-0,445	11,548	-0,476	53,846	0,214	-83,539	0,000	0,000	0,744	-0,445	0,000
(palo 1500)	14090	3	18,200	-28,805	-80,759	0,520	-0,189	11,387	-0,650	53,846	0,211	-80,759	0,000	0,000	0,520	-0,189	0,000
	14091	4	18,200	-29,207	-78,106	0,242	-0,033	10,914	-0,747	53,846	0,203	-78,106	0,000	0,000	0,243	-0,033	0,000

Structural element	Node [10 ˚]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T··· [kN/m/m]	T---·--- [kN/m/m]	T---·-··	N ··· [kN/m]	N --- [kN/m]	Q ··· [kN/m]	Q --- [kN/m]	M ··· [kN m/m]	M --- [kN m/m]
	14092	5	18,200	-29,610	-75,611	-0,083	0,000	10,089	-0,203	53,846	0,187	-75,611	0,000	-0,084	0,000	0,000	0,000

3.3.2.1.7 Calculation results, Embedded beam row, rinfianco [Phase_9] (12/32), Table of embedded pile row force envelopes

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T---+-- [kN/m/m]	T---+---	N-- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
EmbeddedBeamRow_1_1	13862	1	10,400	-5,610	-347,998	-18,485	97,187	0,000	0,000	53,846	0,000	-347,998	0,000	-18,485	0,000	0,000	97,187
Element 1-1 (Embedded beam row)	13863	2	10,400	-5,894	-349,282	-18,462	91,949	-0,001	0,158	53,846	0,000	-349,282	0,000	-18,462	0,000	0,000	91,949
(palo 1500)	13864	3	10,400	-6,177	-350,568	-18,395	86,722	-0,009	0,312	53,846	0,000	-350,568	0,000	-18,395	0,000	0,000	86,722
	13865	4	10,400	-6,461	-351,855	-18,285	81,520	-0,006	0,463	53,846	0,000	-351,855	0,000	-18,285	0,000	0,000	81,520
	13866	5	10,400	-6,744	-353,141	-18,132	76,357	0,020	0,607	53,846	0,000	-353,141	0,000	-18,132	0,000	0,000	76,357
EmbeddedBeamRow_1_1	13866	1	10,400	-6,744	-353,138	-18,130	76,357	0,079	2,427	53,846	0,001	-353,138	0,000	-18,130	0,000	0,000	76,357
Element 1-2 (Embedded beam row)	13867	2	10,400	-7,057	-354,533	-17,402	70,807	0,068	2,269	53,846	0,001	-354,533	0,000	-17,402	0,000	0,000	70,807
(palo 1500)	13868	3	10,400	-7,369	-355,928	-16,712	65,477	0,068	2,139	53,846	0,001	-355,928	0,000	-16,712	0,000	0,000	65,477
	13869	4	10,400	-7,682	-357,320	-16,060	60,356	0,082	2,030	53,846	0,002	-357,320	0,000	-16,060	0,000	0,000	60,356
	13870	5	10,400	-7,994	-358,708	-15,444	55,435	0,115	1,941	53,846	0,002	-358,708	0,000	-15,444	0,000	-0,203	55,435
EmbeddedBeamRow_1_1	13870	1	10,400	-7,994	-358,704	-15,439	55,435	0,115	1,941	53,846	0,002	-358,704	0,000	-15,439	0,000	-0,203	55,435
Element 1-3 (Embedded beam row)	13871	2	10,400	-8,307	-360,079	-14,848	50,705	0,171	1,865	53,846	0,003	-360,079	0,000	-14,848	0,000	-1,280	50,705
(palo 1500)	13872	3	10,400	-8,619	-361,429	-14,274	46,154	0,248	1,805	53,846	0,005	-361,429	0,000	-14,274	0,000	-2,242	46,154
	13873	4	10,400	-8,932	-362,752	-13,716	41,780	0,347	1,759	53,846	0,006	-362,752	0,000	-13,716	0,000	-3,088	41,780
	13874	5	10,400	-9,244	-364,044	-13,175	37,579	0,468	1,728	53,846	0,009	-364,044	0,000	-13,175	0,000	-3,817	37,579
EmbeddedBeamRow_1_1	13874	1	10,400	-9,244	-364,040	-13,171	37,579	0,468	1,728	53,846	0,009	-364,040	0,000	-13,171	0,000	-3,817	37,579
Element 1-4 (Embedded beam row)	13875	2	10,400	-9,557	-365,291	-12,637	33,548	0,609	1,712	53,846	0,011	-365,291	0,000	-12,637	0,000	-4,435	33,548
(palo 1500)	13876	3	10,400	-9,869	-366,491	-12,101	29,681	0,769	1,712	53,846	0,014	-366,491	0,000	-12,101	0,000	-4,946	29,681
	13877	4	10,400	-10,182	-367,639	-11,563	25,983	0,947	1,729	53,846	0,018	-367,639	0,000	-11,563	0,000	-5,357	25,983
	13878	5	10,400	-10,494	-368,732	-11,021	22,455	1,143	1,764	53,846	0,021	-368,732	0,000	-11,021	0,000	-5,676	22,455
EmbeddedBeamRow_1_1	13878	1	10,400	-10,494	-368,728	-11,016	22,455	1,143	1,764	53,846	0,021	-368,728	0,000	-11,016	0,000	-5,676	22,455
Element 1-5 (Embedded beam row)	13879	2	10,400	-10,807	-369,756	-10,461	19,099	1,356	1,819	53,846	0,025	-369,756	0,000	-10,461	0,000	-5,914	19,099
(palo 1500)	13880	3	10,400	-11,119	-370,712	-9,880	15,920	1,585	1,895	53,846	0,029	-370,712	0,000	-9,880	0,000	-6,079	15,920
	13881	4	10,400	-11,432	-371,594	-9,272	12,926	1,831	1,991	53,846	0,034	-371,594	0,000	-9,272	0,000	-6,186	12,926
	13882	5	10,400	-11,744	-372,400	-8,636	10,128	2,089	2,110	53,846	0,039	-372,400	0,000	-8,636	0,000	-6,245	10,128
EmbeddedBeamRow_1_1	13882	1	10,400	-11,744	-372,396	-8,633	10,128	3,133	3,165	53,846	0,058	-372,396	0,000	-8,633	0,000	-6,245	10,128
Element 1-6 (Embedded beam row)	13883	2	10,400	-12,038	-372,762	-7,723	7,730	3,463	3,035	53,846	0,064	-372,762	0,000	-7,723	0,022	-6,261	7,730
(palo 1500)	13884	3	10,400	-12,331	-373,023	-6,853	5,593	3,819	2,900	53,846	0,071	-373,023	0,000	-6,853	0,166	-6,233	5,593
	13885	4	10,400	-12,624	-373,178	-6,022	3,705	4,186	2,761	53,846	0,078	-373,178	0,000	-6,022	0,303	-6,164	3,705
	13886	5	10,400	-12,918	-373,225	-5,233	2,055	4,562	2,619	53,846	0,085	-373,225	0,000	-5,233	0,431	-6,056	2,055
EmbeddedBeamRow_1_1	13886	1	10,400	-12,918	-373,224	-5,233	2,055	4,562	2,619	53,846	0,085	-373,224	0,000	-5,233	0,431	-6,056	2,055
Element 1-7 (Embedded beam row)	13887	2	10,400	-13,214	-373,158	-4,479	0,617	4,951	2,471	53,846	0,092	-373,158	0,000	-4,479	0,550	-5,910	0,617

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--+-+- [kN/m/m]	T--+-+-	N-+- [kN/m]	N--- [kN/m]	Q-+- [kN/m]	Q--- [kN/m]	M-+- [kN m/m]	M--- [kN m/m]
(palo 1500)	13888	3	10,400	-13,510	-372,975	-3,768	-0,604	5,345	2,323	53,846	0,099	-372,975	0,000	-3,768	0,659	-5,731	0,000
	13889	4	10,400	-13,807	-372,674	-3,101	-1,622	5,744	2,174	53,846	0,107	-372,674	0,000	-3,101	0,756	-5,521	0,000
	13890	5	10,400	-14,103	-372,256	-2,479	-2,447	6,148	2,026	53,846	0,114	-372,256	0,000	-2,479	0,842	-5,284	0,000
EmbeddedBeamRow_1_1	13890	1	10,400	-14,103	-372,255	-2,478	-2,447	6,148	2,026	53,846	0,114	-372,255	0,000	-2,478	0,843	-5,284	0,000
Element 1-8 (Embedded beam row)	13891	2	10,400	-14,403	-371,710	-1,895	-3,101	6,559	1,878	53,846	0,122	-371,710	0,000	-1,895	0,918	-5,025	0,000
(palo 1500)	13892	3	10,400	-14,702	-371,040	-1,354	-3,587	6,972	1,732	53,846	0,129	-371,040	0,000	-1,354	0,983	-5,036	0,000
	13893	4	10,400	-15,002	-370,246	-0,856	-3,917	7,387	1,589	53,846	0,137	-370,246	0,000	-0,856	1,038	-4,989	0,000
	13894	5	10,400	-15,302	-369,329	-0,402	-4,104	7,804	1,450	53,846	0,145	-369,329	0,000	-0,402	1,081	-4,955	0,000
EmbeddedBeamRow_1_1	13894	1	10,400	-15,302	-369,328	-0,401	-4,104	7,804	1,450	53,846	0,145	-369,328	0,000	-0,401	1,082	-4,955	0,000
Element 1-9 (Embedded beam row)	13895	2	10,400	-15,604	-368,275	0,016	-4,161	8,226	1,313	53,846	0,153	-368,275	0,000	0,000	1,116	-4,850	0,000
(palo 1500)	13896	3	10,400	-15,907	-367,092	0,394	-4,098	8,648	1,182	53,846	0,161	-367,092	0,000	0,000	1,140	-4,687	0,000
	13897	4	10,400	-16,210	-365,781	0,733	-3,927	9,071	1,055	53,846	0,168	-365,781	0,000	0,000	1,156	-4,488	0,000
	13898	5	10,400	-16,512	-364,344	1,033	-3,658	9,493	0,933	53,846	0,176	-364,344	0,000	0,000	1,163	-4,214	0,000
EmbeddedBeamRow_1_1	13898	1	10,400	-16,512	-364,343	1,034	-3,658	9,493	0,933	53,846	0,176	-364,343	0,000	0,000	1,163	-4,214	0,000
Element 1-10 (Embedded beam row)	13899	2	10,400	-16,818	-362,761	1,300	-3,301	9,920	0,815	53,846	0,184	-362,761	0,000	0,000	1,301	-3,869	0,000
(palo 1500)	13900	3	10,400	-17,124	-361,046	1,533	-2,866	10,347	0,703	53,846	0,192	-361,046	0,000	0,000	1,533	-3,466	0,000
	13901	4	10,400	-17,430	-359,201	1,732	-2,366	10,774	0,596	53,846	0,200	-359,201	0,000	0,000	1,732	-3,012	0,000
	13902	5	10,400	-17,736	-357,227	1,897	-1,810	11,202	0,494	53,846	0,208	-357,227	0,000	0,000	1,897	-2,518	0,000
EmbeddedBeamRow_1_1	13902	1	10,400	-17,736	-357,226	1,898	-1,810	11,202	0,494	53,846	0,208	-357,226	0,000	0,000	1,898	-2,518	0,000
Element 1-11 (Embedded beam row)	13903	2	10,400	-18,045	-355,099	2,035	-1,202	11,634	0,397	53,846	0,216	-355,099	0,000	0,000	2,035	-1,984	0,000
(palo 1500)	13904	3	10,400	-18,354	-352,836	2,143	-0,555	12,066	0,304	53,846	0,224	-352,836	0,000	0,000	2,143	-1,424	0,000
	13905	4	10,400	-18,663	-350,439	2,224	0,121	12,499	0,216	53,846	0,232	-350,439	0,000	0,000	2,224	-0,866	0,121
	13906	5	10,400	-18,973	-347,910	2,277	0,817	12,933	0,133	53,846	0,240	-347,910	0,000	0,000	2,277	-0,329	0,817
EmbeddedBeamRow_1_1	13906	1	10,400	-18,973	-347,909	2,278	0,817	12,933	0,133	53,846	0,240	-347,909	0,000	0,000	2,278	-0,329	0,817
Element 1-12 (Embedded beam row)	13907	2	10,400	-19,285	-345,217	2,307	1,534	13,374	0,053	53,846	0,248	-345,217	0,000	0,000	2,307	0,000	1,534
(palo 1500)	13908	3	10,400	-19,597	-342,385	2,311	2,256	13,816	-0,023	53,846	0,257	-342,385	0,000	0,000	2,311	0,000	2,256
	13909	4	10,400	-19,910	-339,415	2,293	2,976	14,260	-0,096	53,846	0,265	-339,415	0,000	0,000	2,293	0,000	2,976
	13910	5	10,400	-20,222	-336,308	2,251	3,686	14,708	-0,166	53,846	0,273	-336,308	0,000	0,000	2,251	0,000	3,686
EmbeddedBeamRow_1_1	13910	1	10,400	-20,222	-336,305	2,252	3,686	14,708	-0,166	53,846	0,273	-336,305	0,000	0,000	2,252	0,000	3,686
Element 1-13 (Embedded beam row)	13911	2	10,400	-20,538	-333,023	2,188	4,387	15,163	-0,234	53,846	0,282	-333,023	0,000	0,000	2,188	0,000	4,387
(palo 1500)	13912	3	10,400	-20,853	-329,594	2,104	5,065	15,622	-0,301	53,846	0,290	-329,594	0,000	0,000	2,104	0,000	5,065
	13913	4	10,400	-21,169	-326,019	1,999	5,713	16,086	-0,366	53,846	0,299	-326,019	0,000	0,000	1,999	0,000	5,713
	13914	5	10,400	-21,485	-322,300	1,873	6,325	16,554	-0,430	53,846	0,307	-322,300	0,000	0,000	1,873	0,000	6,325
EmbeddedBeamRow_1_1	13914	1	10,400	-21,485	-322,297	1,873	6,325	16,554	-0,430	53,846	0,307	-322,297	0,000	0,000	1,873	0,000	6,325
Element 1-14 (Embedded beam row)	13915	2	10,400	-21,804	-318,389	1,726	6,899	17,032	-0,494	53,846	0,316	-318,389	0,000	0,000	1,726	0,000	6,899
(palo 1500)	13916	3	10,400	-22,123	-314,323	1,558	7,424	17,516	-0,558	53,846	0,325	-314,323	0,000	0,000	1,558	0,000	7,424

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
	13917	4	10,400	-22,442	-310,102	1,370	7,891	18,006	-0,622	53,846	0,334	-310,102	0,000	0,000	1,370	0,000	7,891
	13918	5	10,400	-22,761	-305,728	1,161	8,295	18,502	-0,687	53,846	0,344	-305,728	0,000	0,000	1,161	0,000	8,295
EmbeddedBeamRow_1_1	13918	1	10,400	-22,761	-305,724	1,161	8,295	18,502	-0,687	53,846	0,344	-305,724	0,000	0,000	1,161	0,000	8,295
Element 1-15 (Embedded beam row)	13919	2	10,400	-23,083	-301,143	0,929	8,633	19,010	-0,752	53,846	0,353	-301,143	0,000	0,000	0,929	0,000	8,633
(palo 1500)	13920	3	10,400	-23,405	-296,391	0,676	8,892	19,525	-0,816	53,846	0,363	-296,391	0,000	0,000	0,676	0,000	8,892
	13921	4	10,400	-23,728	-291,473	0,403	9,066	20,047	-0,880	53,846	0,372	-291,473	0,000	-0,017	0,419	0,000	9,066
	13922	5	10,400	-24,050	-286,390	0,109	9,149	20,577	-0,941	53,846	0,382	-286,390	0,000	-0,072	0,201	0,000	9,149
EmbeddedBeamRow_1_1	13922	1	10,400	-24,050	-286,385	0,111	9,149	20,577	-0,941	53,846	0,382	-286,385	0,000	-0,072	0,202	0,000	9,149
Element 1-16 (Embedded beam row)	13923	2	10,400	-24,376	-281,075	-0,207	9,134	21,119	-0,997	53,846	0,392	-281,075	0,000	-0,207	0,000	0,000	9,134
(palo 1500)	13924	3	10,400	-24,701	-275,580	-0,539	9,013	21,669	-1,044	53,846	0,402	-275,580	0,000	-0,539	0,000	0,000	9,013
	13925	4	10,400	-25,027	-269,906	-0,883	8,782	22,227	-1,073	53,846	0,413	-269,906	0,000	-0,883	0,000	0,000	8,782
	13926	5	10,400	-25,353	-264,054	-1,239	8,436	22,793	-1,069	53,846	0,423	-264,054	0,000	-1,239	0,000	0,000	8,436
EmbeddedBeamRow_1_1	13926	1	10,400	-25,353	-264,050	-1,230	8,436	22,793	-1,069	53,846	0,423	-264,050	0,000	-1,230	0,000	0,000	8,436
Element 1-17 (Embedded beam row)	13927	2	10,400	-25,682	-257,947	-1,583	7,973	23,368	-1,026	53,846	0,434	-257,947	0,000	-1,583	0,000	0,000	7,973
(palo 1500)	13928	3	10,400	-26,011	-251,650	-1,906	7,398	23,945	-0,946	53,846	0,445	-251,650	0,000	-1,906	0,000	0,000	7,398
	13929	4	10,400	-26,340	-245,164	-2,196	6,721	24,522	-0,822	53,846	0,455	-245,164	0,000	-2,196	0,000	0,000	6,721
	13930	5	10,400	-26,670	-238,491	-2,449	5,956	25,099	-0,645	53,846	0,466	-238,491	0,000	-2,449	0,000	0,000	5,956
EmbeddedBeamRow_1_1	13930	1	10,400	-26,670	-238,495	-2,432	5,956	25,099	-0,645	53,846	0,466	-238,495	0,000	-2,432	0,000	0,000	5,956
Element 1-18 (Embedded beam row)	13931	2	10,400	-27,002	-231,551	-2,627	5,112	25,670	-0,431	53,846	0,477	-231,551	0,000	-2,627	0,000	0,000	5,112
(palo 1500)	13932	3	10,400	-27,335	-224,431	-2,720	4,220	26,206	-0,135	53,846	0,487	-224,431	0,000	-2,720	0,000	0,000	4,220
	13933	4	10,400	-27,667	-217,148	-2,708	3,314	26,658	0,197	53,846	0,495	-217,148	0,000	-2,708	0,000	0,000	3,314
	13934	5	10,400	-28,000	-209,711	-2,590	2,430	26,929	0,537	53,846	0,500	-209,711	0,000	-2,590	0,000	0,000	2,430
EmbeddedBeamRow_1_1	13934	1	10,400	-28,000	-209,794	-2,594	2,430	26,929	0,537	53,846	0,500	-209,794	0,000	-2,594	0,000	0,000	2,430
Element 1-19 (Embedded beam row)	13935	2	10,400	-28,403	-200,664	-2,239	1,448	26,983	1,163	53,846	0,501	-200,664	0,000	-2,239	0,000	0,000	1,448
(palo 1500)	13936	3	10,400	-28,805	-191,699	-1,643	0,661	26,755	1,884	53,846	0,497	-191,699	0,000	-1,643	0,000	0,000	0,661
	13937	4	10,400	-29,207	-182,968	-0,847	0,152	25,820	2,161	53,846	0,480	-182,968	0,000	-0,847	0,000	0,000	0,152
	13938	5	10,400	-29,610	-174,539	0,111	0,000	23,302	1,701	53,846	0,433	-174,539	0,000	0,000	0,111	0,000	0,000
EmbeddedBeamRow_3_1	13939	1	14,300	-5,610	-248,898	-10,921	67,481	0,000	0,000	53,846	0,000	-248,898	0,000	-10,921	0,000	0,000	67,481
Element 2-20 (Embedded beam row)	13940	2	14,300	-6,010	-250,708	-10,897	63,114	0,023	0,112	53,846	0,000	-250,708	0,000	-10,897	0,000	0,000	63,114
(palo 1500)	13941	3	14,300	-6,411	-252,507	-10,832	58,763	0,053	0,214	53,846	0,001	-252,507	0,000	-10,832	0,000	0,000	58,763
	13942	4	14,300	-6,811	-254,292	-10,726	54,446	0,093	0,312	53,846	0,002	-254,292	0,000	-10,726	0,000	0,000	54,446
	13943	5	14,300	-7,211	-256,060	-10,582	50,181	0,143	0,409	53,846	0,003	-256,060	0,000	-10,582	0,000	0,000	50,181
EmbeddedBeamRow_3_1	13943	1	14,300	-7,211	-256,057	-10,581	50,181	0,571	1,635	53,846	0,011	-256,057	0,000	-10,581	0,000	0,000	50,181
Element 2-21 (Embedded beam row)	13944	2	14,300	-7,524	-257,294	-10,090	46,952	0,596	1,518	53,846	0,011	-257,294	0,000	-10,090	0,000	0,000	46,952
(palo 1500)	13945	3	14,300	-7,836	-258,516	-9,632	43,871	0,640	1,405	53,846	0,012	-258,516	0,000	-9,632	0,000	0,000	43,871
	13946	4	14,300	-8,149	-259,723	-9,210	40,927	0,696	1,296	53,846	0,013	-259,723	0,000	-9,210	0,000	0,000	40,927

Structural element	Node [10⁻³]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
	13947	5	14,300	-8,461	-260,913	-8,823	38,111	0,761	1,194	53,846	0,014	-260,913	0,000	-8,823	0,000	0,000	38,111
EmbeddedBeamRow_3_1	13947	1	14,300	-8,461	-260,911	-8,820	38,111	0,761	1,194	53,846	0,014	-260,911	0,000	-8,820	0,000	0,000	38,111
Element 2-22 (Embedded beam row)	13948	2	14,300	-8,774	-262,079	-8,465	35,412	0,836	1,099	53,846	0,016	-262,079	0,000	-8,465	0,000	-0,135	35,412
(palo 1500)	13949	3	14,300	-9,086	-263,221	-8,134	32,818	0,919	1,016	53,846	0,017	-263,221	0,000	-8,134	0,000	-0,333	32,818
	13950	4	14,300	-9,399	-264,336	-7,827	30,324	1,010	0,947	53,846	0,019	-264,336	0,000	-7,827	0,000	-0,519	30,324
	13951	5	14,300	-9,711	-265,422	-7,542	27,924	1,108	0,894	53,846	0,021	-265,422	0,000	-7,542	0,000	-0,697	27,924
EmbeddedBeamRow_3_1	13951	1	14,300	-9,711	-265,420	-7,538	27,924	1,108	0,894	53,846	0,021	-265,420	0,000	-7,538	0,000	-0,697	27,924
Element 2-23 (Embedded beam row)	13952	2	14,300	-10,024	-266,475	-7,268	25,611	1,215	0,860	53,846	0,023	-266,475	0,000	-7,268	0,000	-0,866	25,611
(palo 1500)	13953	3	14,300	-10,336	-267,493	-7,001	23,381	1,329	0,844	53,846	0,025	-267,493	0,000	-7,001	0,000	-1,029	23,381
	13954	4	14,300	-10,649	-268,475	-6,736	21,235	1,451	0,848	53,846	0,027	-268,475	0,000	-6,736	0,000	-1,185	21,235
	13955	5	14,300	-10,961	-269,418	-6,472	19,171	1,580	0,873	53,846	0,029	-269,418	0,000	-6,472	0,000	-1,335	19,171
EmbeddedBeamRow_3_1	13955	1	14,300	-10,961	-269,417	-6,466	19,171	1,580	0,873	53,846	0,029	-269,417	0,000	-6,466	0,000	-1,335	19,171
Element 2-24 (Embedded beam row)	13956	2	14,300	-11,274	-270,319	-6,191	17,194	1,715	0,920	53,846	0,032	-270,319	0,000	-6,191	0,000	-1,479	17,194
(palo 1500)	13957	3	14,300	-11,586	-271,177	-5,892	15,305	1,857	0,988	53,846	0,034	-271,177	0,000	-5,892	0,000	-1,616	15,305
	13958	4	14,300	-11,899	-271,990	-5,568	13,513	2,004	1,077	53,846	0,037	-271,990	0,000	-5,568	0,000	-1,745	13,513
	13959	5	14,300	-12,211	-272,757	-5,219	11,827	2,151	1,189	53,846	0,040	-272,757	0,000	-5,219	0,000	-1,865	11,827
EmbeddedBeamRow_3_1	13959	1	14,300	-12,211	-272,754	-5,215	11,827	3,226	1,784	53,846	0,060	-272,754	0,000	-5,215	0,000	-1,865	11,827
Element 2-25 (Embedded beam row)	13960	2	14,300	-12,496	-273,107	-4,730	10,412	3,383	1,631	53,846	0,063	-273,107	0,000	-4,730	0,000	-1,961	10,412
(palo 1500)	13961	3	14,300	-12,781	-273,409	-4,286	9,128	3,560	1,486	53,846	0,066	-273,409	0,000	-4,286	0,000	-2,042	9,128
	13962	4	14,300	-13,066	-273,658	-3,881	7,965	3,750	1,354	53,846	0,070	-273,658	0,000	-3,881	0,000	-2,110	7,965
	13963	5	14,300	-13,351	-273,854	-3,515	6,913	3,948	1,231	53,846	0,073	-273,854	0,000	-3,515	0,000	-2,165	6,913
EmbeddedBeamRow_3_1	13963	1	14,300	-13,351	-273,852	-3,512	6,913	3,948	1,231	53,846	0,073	-273,852	0,000	-3,512	0,000	-2,165	6,913
Element 2-26 (Embedded beam row)	13964	2	14,300	-13,639	-273,992	-3,176	5,951	4,157	1,115	53,846	0,077	-273,992	0,000	-3,176	0,000	-2,209	5,951
(palo 1500)	13965	3	14,300	-13,927	-274,068	-2,870	5,081	4,373	1,008	53,846	0,081	-274,068	0,000	-2,870	0,000	-2,242	5,081
	13966	4	14,300	-14,215	-274,081	-2,594	4,294	4,596	0,910	53,846	0,085	-274,081	0,000	-2,594	0,000	-2,266	4,294
	13967	5	14,300	-14,503	-274,031	-2,347	3,584	4,825	0,819	53,846	0,090	-274,031	0,000	-2,347	0,000	-2,281	3,584
EmbeddedBeamRow_3_1	13967	1	14,300	-14,503	-274,030	-2,345	3,584	4,825	0,819	53,846	0,090	-274,030	0,000	-2,345	0,000	-2,281	3,584
Element 2-27 (Embedded beam row)	13968	2	14,300	-14,794	-273,911	-2,120	2,935	5,062	0,735	53,846	0,094	-273,911	0,000	-2,120	0,000	-2,288	2,935
(palo 1500)	13969	3	14,300	-15,084	-273,721	-1,917	2,348	5,304	0,659	53,846	0,099	-273,721	0,000	-1,917	0,012	-2,288	2,348
	13970	4	14,300	-15,375	-273,460	-1,735	1,817	5,551	0,589	53,846	0,103	-273,460	0,000	-1,735	0,032	-2,282	1,817
	13971	5	14,300	-15,666	-273,128	-1,574	1,337	5,803	0,525	53,846	0,108	-273,128	0,000	-1,574	0,049	-2,271	1,337
EmbeddedBeamRow_3_1	13971	1	14,300	-15,666	-273,126	-1,573	1,337	5,803	0,525	53,846	0,108	-273,126	0,000	-1,573	0,049	-2,271	1,337
Element 2-28 (Embedded beam row)	13972	2	14,300	-15,960	-272,715	-1,428	0,896	6,062	0,467	53,846	0,113	-272,715	0,000	-1,428	0,064	-2,254	0,896
(palo 1500)	13973	3	14,300	-16,254	-272,226	-1,298	0,495	6,325	0,415	53,846	0,117	-272,226	0,000	-1,298	0,077	-2,233	0,495
	13974	4	14,300	-16,548	-271,660	-1,183	0,131	6,591	0,369	53,846	0,122	-271,660	0,000	-1,183	0,088	-2,209	0,131
	13975	5	14,300	-16,842	-271,015	-1,081	-0,202	6,861	0,328	53,846	0,127	-271,015	0,000	-1,081	0,098	-2,182	0,000

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N --- [kN/m]	N --- [kN/m]	Q --- [kN/m]	Q --- [kN/m]	M --- [kN m/m]	M --- [kN m/m]
EmbeddedBeamRow_3_1	13975	1	14,300	-16,842	-271,014	-1,080	-0,202	6,861	0,328	53,846	0,127	-271,014	0,000	-1,080	0,098	-2,182	0,000
Element 2-29 (Embedded beam row)	13976	2	14,300	-17,140	-270,282	-0,989	-0,509	7,137	0,292	53,846	0,133	-270,282	0,000	-0,989	0,106	-2,151	0,000
(palo 1500)	13977	3	14,300	-17,437	-269,466	-0,907	-0,790	7,417	0,260	53,846	0,138	-269,466	0,000	-0,907	0,113	-2,119	0,000
	13978	4	14,300	-17,734	-268,567	-0,834	-1,048	7,699	0,233	53,846	0,143	-268,567	0,000	-0,834	0,119	-2,179	0,000
	13979	5	14,300	-18,031	-267,584	-0,769	-1,286	7,986	0,211	53,846	0,148	-267,584	0,000	-0,769	0,124	-2,251	0,000
EmbeddedBeamRow_3_1	13979	1	14,300	-18,031	-267,582	-0,767	-1,286	7,986	0,211	53,846	0,148	-267,582	0,000	-0,767	0,124	-2,251	0,000
Element 2-30 (Embedded beam row)	13980	2	14,300	-18,331	-266,503	-0,708	-1,508	8,278	0,192	53,846	0,154	-266,503	0,000	-0,708	0,128	-2,355	0,000
(palo 1500)	13981	3	14,300	-18,631	-265,333	-0,652	-1,712	8,574	0,178	53,846	0,159	-265,333	0,000	-0,652	0,133	-2,448	0,000
	13982	4	14,300	-18,932	-264,073	-0,600	-1,900	8,874	0,168	53,846	0,165	-264,073	0,000	-0,600	0,137	-2,532	0,000
	13983	5	14,300	-19,232	-262,725	-0,551	-2,072	9,178	0,162	53,846	0,170	-262,725	0,000	-0,551	0,141	-2,650	0,000
EmbeddedBeamRow_3_1	13983	1	14,300	-19,232	-262,723	-0,550	-2,072	9,178	0,162	53,846	0,170	-262,723	0,000	-0,550	0,141	-2,650	0,000
Element 2-31 (Embedded beam row)	13984	2	14,300	-19,535	-261,268	-0,502	-2,232	9,489	0,159	53,846	0,176	-261,268	0,000	-0,502	0,145	-2,756	0,000
(palo 1500)	13985	3	14,300	-19,839	-259,715	-0,454	-2,377	9,805	0,161	53,846	0,182	-259,715	0,000	-0,454	0,149	-2,850	0,000
	13986	4	14,300	-20,142	-258,066	-0,404	-2,507	10,125	0,165	53,846	0,188	-258,066	0,000	-0,404	0,154	-2,932	0,000
	13987	5	14,300	-20,445	-256,322	-0,354	-2,622	10,450	0,173	53,846	0,194	-256,322	0,000	-0,354	0,160	-3,001	0,000
EmbeddedBeamRow_3_1	13987	1	14,300	-20,445	-256,319	-0,353	-2,622	10,450	0,173	53,846	0,194	-256,319	0,000	-0,353	0,160	-3,001	0,000
Element 2-32 (Embedded beam row)	13988	2	14,300	-20,752	-254,456	-0,298	-2,722	10,784	0,185	53,846	0,200	-254,456	0,000	-0,298	0,166	-3,057	0,000
(palo 1500)	13989	3	14,300	-21,059	-252,486	-0,240	-2,805	11,124	0,199	53,846	0,207	-252,486	0,000	-0,240	0,173	-3,099	0,000
	13990	4	14,300	-21,365	-250,411	-0,176	-2,869	11,470	0,215	53,846	0,213	-250,411	0,000	-0,176	0,180	-3,126	0,000
	13991	5	14,300	-21,672	-248,232	-0,108	-2,912	11,823	0,232	53,846	0,220	-248,232	0,000	-0,108	0,188	-3,136	0,000
EmbeddedBeamRow_3_1	13991	1	14,300	-21,672	-248,229	-0,108	-2,912	11,823	0,232	53,846	0,220	-248,229	0,000	-0,108	0,188	-3,136	0,000
Element 2-33 (Embedded beam row)	13992	2	14,300	-21,982	-245,916	-0,033	-2,934	12,187	0,251	53,846	0,226	-245,916	0,000	-0,033	0,197	-3,129	0,000
(palo 1500)	13993	3	14,300	-22,291	-243,486	0,048	-2,932	12,559	0,269	53,846	0,233	-243,486	0,000	0,000	0,206	-3,102	0,000
	13994	4	14,300	-22,601	-240,939	0,133	-2,904	12,941	0,284	53,846	0,240	-240,939	0,000	0,000	0,216	-3,055	0,000
	13995	5	14,300	-22,911	-238,276	0,224	-2,849	13,333	0,297	53,846	0,248	-238,276	0,000	0,000	0,264	-2,985	0,000
EmbeddedBeamRow_3_1	13995	1	14,300	-22,911	-238,271	0,223	-2,849	13,333	0,297	53,846	0,248	-238,271	0,000	0,000	0,263	-2,985	0,000
Element 2-34 (Embedded beam row)	13996	2	14,300	-23,224	-235,456	0,318	-2,764	13,742	0,302	53,846	0,255	-235,456	0,000	0,000	0,343	-2,890	0,000
(palo 1500)	13997	3	14,300	-23,537	-232,505	0,412	-2,650	14,167	0,302	53,846	0,263	-232,505	0,000	0,000	0,425	-2,770	0,000
	13998	4	14,300	-23,850	-229,417	0,507	-2,506	14,613	0,300	53,846	0,271	-229,417	0,000	0,000	0,512	-2,624	0,000
	13999	5	14,300	-24,163	-226,194	0,600	-2,333	15,082	0,299	53,846	0,280	-226,194	0,000	0,000	0,601	-2,452	0,000
EmbeddedBeamRow_3_1	13999	1	14,300	-24,163	-226,185	0,597	-2,333	15,082	0,299	53,846	0,280	-226,185	0,000	0,000	0,598	-2,452	0,000
Element 2-35 (Embedded beam row)	14000	2	14,300	-24,480	-222,776	0,695	-2,128	15,584	0,287	53,846	0,289	-222,776	0,000	0,000	0,695	-2,253	0,000
(palo 1500)	14001	3	14,300	-24,796	-219,192	0,780	-1,894	16,120	0,255	53,846	0,299	-219,192	0,000	0,000	0,780	-2,031	0,000
	14002	4	14,300	-25,113	-215,434	0,850	-1,636	16,687	0,192	53,846	0,310	-215,434	0,000	0,000	0,850	-1,791	0,000
	14003	5	14,300	-25,429	-211,502	0,902	-1,358	17,280	0,096	53,846	0,321	-211,502	0,000	0,000	0,902	-1,536	0,000
EmbeddedBeamRow_3_1	14003	1	14,300	-25,429	-211,495	0,897	-1,358	17,280	0,096	53,846	0,321	-211,495	0,000	0,000	0,897	-1,536	0,000

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--+-+- [kN/m/m]	T--+-+-	N-+- [kN/m]	N--- [kN/m]	Q-+- [kN/m]	Q--- [kN/m]	M-+- [kN m/m]	M--- [kN m/m]
Element 2-36 (Embedded beam row)	14004	2	14,300	-25,749	-207,325	0,909	-1,069	17,901	-0,032	53,846	0,332	-207,325	0,000	0,000	0,909	-1,270	0,000
(palo 1500)	14005	3	14,300	-26,068	-202,947	0,876	-0,782	18,541	-0,176	53,846	0,344	-202,947	0,000	0,000	0,876	-1,004	0,000
	14006	4	14,300	-26,388	-198,363	0,798	-0,513	19,190	-0,315	53,846	0,356	-198,363	0,000	0,000	0,798	-0,749	0,000
	14007	5	14,300	-26,708	-193,576	0,675	-0,276	19,839	-0,421	53,846	0,368	-193,576	0,000	0,000	0,685	-0,526	0,000
EmbeddedBeamRow_3_1	14007	1	14,300	-26,708	-193,579	0,683	-0,276	19,839	-0,421	53,846	0,368	-193,579	0,000	0,000	0,690	-0,526	0,000
Element 2-37 (Embedded beam row)	14008	2	14,300	-27,031	-188,520	0,529	-0,080	20,495	-0,481	53,846	0,381	-188,520	0,000	0,000	0,570	-0,345	0,000
(palo 1500)	14009	3	14,300	-27,354	-183,264	0,371	0,065	21,115	-0,507	53,846	0,392	-183,264	0,000	0,000	0,441	-0,196	0,065
	14010	4	14,300	-27,677	-177,820	0,212	0,159	21,654	-0,490	53,846	0,402	-177,820	0,000	0,000	0,305	-0,106	0,159
	14011	5	14,300	-28,000	-172,199	0,054	0,202	22,067	-0,466	53,846	0,410	-172,199	0,000	0,000	0,179	-0,075	0,202
EmbeddedBeamRow_3_1	14011	1	14,300	-28,000	-172,305	0,082	0,202	22,067	-0,466	53,846	0,410	-172,305	0,000	0,000	0,199	-0,075	0,202
Element 2-38 (Embedded beam row)	14012	2	14,300	-28,403	-165,007	-0,128	0,189	22,504	-0,364	53,846	0,418	-165,007	0,000	-0,128	0,066	-0,046	0,189
(palo 1500)	14013	3	14,300	-28,805	-157,807	-0,214	0,116	22,522	-0,084	53,846	0,418	-157,807	0,000	-0,214	0,049	-0,022	0,116
	14014	4	14,300	-29,207	-150,793	-0,167	0,035	21,572	0,295	53,846	0,401	-150,793	0,000	-0,167	0,029	-0,007	0,035
	14015	5	14,300	-29,610	-144,058	0,020	0,000	19,236	0,479	53,846	0,357	-144,058	0,000	0,000	0,020	0,000	0,000
EmbeddedBeamRow_2_1	14016	1	18,200	-5,610	-263,082	-4,058	46,124	0,000	0,000	53,846	0,000	-263,082	0,000	-4,058	2,346	-3,703	46,124
Element 3-39 (Embedded beam row)	14017	2	18,200	-5,885	-264,326	-4,088	45,005	0,037	-0,139	53,846	0,001	-264,326	0,000	-4,088	2,327	-3,060	45,005
(palo 1500)	14018	3	18,200	-6,159	-265,551	-4,136	43,876	0,104	-0,221	53,846	0,002	-265,551	0,000	-4,136	2,279	-2,426	43,876
	14019	4	18,200	-6,434	-266,756	-4,199	42,731	0,185	-0,247	53,846	0,003	-266,756	0,000	-4,199	2,203	-1,810	42,731
	14020	5	18,200	-6,709	-267,939	-4,273	41,567	0,270	-0,224	53,846	0,005	-267,939	0,000	-4,273	2,099	-1,218	41,567
EmbeddedBeamRow_2_1	14020	1	18,200	-6,709	-267,940	-4,265	41,567	0,270	-0,224	53,846	0,005	-267,940	0,000	-4,265	2,108	-1,218	41,567
Element 3-40 (Embedded beam row)	14021	2	18,200	-6,951	-268,962	-4,316	40,528	0,341	-0,171	53,846	0,006	-268,962	0,000	-4,316	2,008	-0,720	40,528
(palo 1500)	14022	3	18,200	-7,194	-269,970	-4,348	39,477	0,407	-0,094	53,846	0,008	-269,970	0,000	-4,348	1,924	-0,244	39,477
	14023	4	18,200	-7,436	-270,962	-4,359	38,422	0,468	0,003	53,846	0,009	-270,962	0,000	-4,359	1,858	0,000	38,422
	14024	5	18,200	-7,678	-271,938	-4,347	37,367	0,525	0,121	53,846	0,010	-271,938	0,000	-4,347	1,811	0,000	37,367
EmbeddedBeamRow_2_1	14024	1	18,200	-7,678	-271,934	-4,341	37,367	2,099	0,482	53,846	0,039	-271,934	0,000	-4,341	1,820	0,000	37,367
Element 3-41 (Embedded beam row)	14025	2	18,200	-7,991	-272,688	-4,233	36,029	2,192	0,255	53,846	0,041	-272,688	0,000	-4,233	1,691	0,000	36,029
(palo 1500)	14026	3	18,200	-8,303	-273,396	-4,182	34,715	2,331	0,059	53,846	0,043	-273,396	0,000	-4,182	1,526	0,000	34,715
	14027	4	18,200	-8,616	-274,058	-4,188	33,409	2,491	-0,103	53,846	0,046	-274,058	0,000	-4,188	1,329	0,000	33,409
	14028	5	18,200	-8,928	-274,672	-4,248	32,092	2,660	-0,231	53,846	0,049	-274,672	0,000	-4,248	1,102	0,000	32,092
EmbeddedBeamRow_2_1	14028	1	18,200	-8,928	-274,670	-4,239	32,092	2,660	-0,231	53,846	0,049	-274,670	0,000	-4,239	1,108	0,000	32,092
Element 3-42 (Embedded beam row)	14029	2	18,200	-9,241	-275,227	-4,333	30,754	2,840	-0,325	53,846	0,053	-275,227	0,000	-4,333	0,868	0,000	30,754
(palo 1500)	14030	3	18,200	-9,553	-275,727	-4,443	29,383	3,026	-0,385	53,846	0,056	-275,727	0,000	-4,443	0,625	0,000	29,383
	14031	4	18,200	-9,866	-276,167	-4,567	27,975	3,215	-0,413	53,846	0,060	-276,167	0,000	-4,567	0,382	0,000	27,975
	14032	5	18,200	-10,178	-276,549	-4,702	26,527	3,405	-0,409	53,846	0,063	-276,549	0,000	-4,702	0,140	0,000	26,527
EmbeddedBeamRow_2_1	14032	1	18,200	-10,178	-276,549	-4,694	26,527	3,405	-0,409	53,846	0,063	-276,549	0,000	-4,694	0,144	0,000	26,527
Element 3-43 (Embedded beam row)	14033	2	18,200	-10,491	-276,871	-4,822	25,040	3,596	-0,372	53,846	0,067	-276,871	0,000	-4,822	0,000	0,000	25,040

Structural element	Node [10⁻³]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T-- [kN/m/m]	T-- [kN/m/m]	T--- [kN/m/m]	T---	N-- [kN/m]	N-- [kN/m]	Q-- [kN/m]	Q-- [kN/m]	M-- [kN m/m]	M-- [kN m/m]
(palo 1500)	14034	3	18,200	-10,803	-277,133	-4,927	23,516	3,786	-0,304	53,846	0,070	-277,133	0,000	-4,927	0,000	0,000	23,516
	14035	4	18,200	-11,116	-277,337	-5,006	21,963	3,974	-0,205	53,846	0,074	-277,337	0,000	-5,006	0,000	0,000	21,963
	14036	5	18,200	-11,428	-277,482	-5,056	20,390	4,158	-0,074	53,846	0,077	-277,482	0,000	-5,056	0,000	0,000	20,390
EmbeddedBeamRow_2_1	14036	1	18,200	-11,428	-277,483	-5,047	20,390	4,158	-0,074	53,846	0,077	-277,483	0,000	-5,047	0,000	0,000	20,390
Element 3-44 (Embedded beam row)	14037	2	18,200	-11,741	-277,570	-5,052	18,811	4,337	0,088	53,846	0,081	-277,570	0,000	-5,052	0,000	0,000	18,811
(palo 1500)	14038	3	18,200	-12,053	-277,604	-4,993	17,239	4,512	0,284	53,846	0,084	-277,604	0,000	-4,993	0,000	0,000	17,239
	14039	4	18,200	-12,366	-277,584	-4,867	15,697	4,678	0,514	53,846	0,087	-277,584	0,000	-4,867	0,000	0,000	15,697
	14040	5	18,200	-12,678	-277,512	-4,673	14,204	4,823	0,785	53,846	0,090	-277,512	0,000	-4,673	0,000	0,000	14,204
EmbeddedBeamRow_2_1	14040	1	18,200	-12,678	-277,511	-4,666	14,204	7,235	1,177	53,846	0,134	-277,511	0,000	-4,666	0,000	0,000	14,204
Element 3-45 (Embedded beam row)	14041	2	18,200	-12,978	-276,688	-4,339	12,857	7,358	1,021	53,846	0,137	-276,688	0,000	-4,339	0,000	0,000	12,857
(palo 1500)	14042	3	18,200	-13,277	-275,818	-4,055	11,601	7,512	0,873	53,846	0,140	-275,818	0,000	-4,055	0,000	0,000	11,601
	14043	4	18,200	-13,577	-274,900	-3,812	10,423	7,677	0,749	53,846	0,143	-274,900	0,000	-3,812	0,000	0,000	10,423
	14044	5	18,200	-13,876	-273,934	-3,607	9,313	7,848	0,640	53,846	0,146	-273,934	0,000	-3,607	0,000	0,000	9,313
EmbeddedBeamRow_2_1	14044	1	18,200	-13,876	-273,932	-3,603	9,313	7,848	0,640	53,846	0,146	-273,932	0,000	-3,603	0,000	0,000	9,313
Element 3-46 (Embedded beam row)	14045	2	18,200	-14,179	-272,901	-3,426	8,249	8,026	0,547	53,846	0,149	-272,901	0,000	-3,426	0,000	0,000	8,249
(palo 1500)	14046	3	18,200	-14,482	-271,815	-3,272	7,235	8,207	0,467	53,846	0,152	-271,815	0,000	-3,272	0,000	0,000	7,235
	14047	4	18,200	-14,785	-270,673	-3,140	6,263	8,391	0,402	53,846	0,156	-270,673	0,000	-3,140	0,000	0,000	6,263
	14048	5	18,200	-15,088	-269,476	-3,029	5,330	8,578	0,349	53,846	0,159	-269,476	0,000	-3,029	0,000	-0,261	5,330
EmbeddedBeamRow_2_1	14048	1	18,200	-15,088	-269,475	-3,026	5,330	8,578	0,349	53,846	0,159	-269,475	0,000	-3,026	0,000	-0,261	5,330
Element 3-47 (Embedded beam row)	14049	2	18,200	-15,395	-268,206	-2,928	4,418	8,770	0,306	53,846	0,163	-268,206	0,000	-2,928	0,000	-0,529	4,418
(palo 1500)	14050	3	18,200	-15,701	-266,877	-2,839	3,534	8,964	0,274	53,846	0,166	-266,877	0,000	-2,839	0,000	-0,797	3,534
	14051	4	18,200	-16,008	-265,488	-2,758	2,677	9,160	0,250	53,846	0,170	-265,488	0,000	-2,758	0,000	-1,065	2,677
	14052	5	18,200	-16,314	-264,040	-2,686	1,843	9,359	0,234	53,846	0,174	-264,040	0,000	-2,686	0,000	-1,331	1,843
EmbeddedBeamRow_2_1	14052	1	18,200	-16,314	-264,039	-2,684	1,843	9,359	0,234	53,846	0,174	-264,039	0,000	-2,684	0,000	-1,331	1,843
Element 3-48 (Embedded beam row)	14053	2	18,200	-16,624	-262,512	-2,614	1,022	9,562	0,225	53,846	0,178	-262,512	0,000	-2,614	0,000	-1,598	1,022
(palo 1500)	14054	3	18,200	-16,934	-260,921	-2,545	0,222	9,767	0,222	53,846	0,181	-260,921	0,000	-2,545	0,000	-1,862	0,222
	14055	4	18,200	-17,244	-259,265	-2,475	-0,556	9,974	0,225	53,846	0,185	-259,265	0,000	-2,475	0,000	-2,122	0,000
	14056	5	18,200	-17,554	-257,547	-2,405	-1,312	10,184	0,233	53,846	0,189	-257,547	0,000	-2,405	0,000	-2,377	0,000
EmbeddedBeamRow_2_1	14056	1	18,200	-17,554	-257,545	-2,404	-1,312	10,184	0,233	53,846	0,189	-257,545	0,000	-2,404	0,000	-2,377	0,000
Element 3-49 (Embedded beam row)	14057	2	18,200	-17,868	-255,741	-2,330	-2,054	10,399	0,245	53,846	0,193	-255,741	0,000	-2,330	0,000	-2,750	0,000
(palo 1500)	14058	3	18,200	-18,181	-253,866	-2,250	-2,773	10,616	0,261	53,846	0,197	-253,866	0,000	-2,250	0,000	-3,269	0,000
	14059	4	18,200	-18,495	-251,923	-2,165	-3,465	10,837	0,280	53,846	0,201	-251,923	0,000	-2,165	0,000	-3,809	0,000
	14060	5	18,200	-18,808	-249,913	-2,075	-4,130	11,061	0,302	53,846	0,205	-249,913	0,000	-2,075	0,000	-4,368	0,000
EmbeddedBeamRow_2_1	14060	1	18,200	-18,808	-249,911	-2,074	-4,130	11,061	0,302	53,846	0,205	-249,911	0,000	-2,074	0,000	-4,368	0,000
Element 3-50 (Embedded beam row)	14061	2	18,200	-19,125	-247,805	-1,975	-4,772	11,291	0,326	53,846	0,210	-247,805	0,000	-1,975	0,000	-4,907	0,000
(palo 1500)	14062	3	18,200	-19,442	-245,624	-1,868	-5,382	11,524	0,352	53,846	0,214	-245,624	0,000	-1,868	0,000	-5,417	0,000

Structural element	Node [10⁻³]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
	14063	4	18,200	-19,760	-243,368	-1,752	-5,956	11,762	0,379	53,846	0,218	-243,368	0,000	-1,752	0,000	-5,956	0,000
	14064	5	18,200	-20,077	-241,038	-1,627	-6,492	12,004	0,408	53,846	0,223	-241,038	0,000	-1,627	0,000	-6,492	0,000
EmbeddedBeamRow_2_1	14064	1	18,200	-20,077	-241,036	-1,627	-6,492	12,004	0,408	53,846	0,223	-241,036	0,000	-1,627	0,000	-6,492	0,000
Element 3-51 (Embedded beam row)	14065	2	18,200	-20,398	-238,601	-1,492	-6,993	12,254	0,437	53,846	0,228	-238,601	0,000	-1,492	0,000	-6,993	0,000
(palo 1500)	14066	3	18,200	-20,718	-236,082	-1,347	-7,448	12,511	0,466	53,846	0,232	-236,082	0,000	-1,347	0,000	-7,448	0,000
	14067	4	18,200	-21,039	-233,479	-1,193	-7,856	12,775	0,495	53,846	0,237	-233,479	0,000	-1,193	0,000	-7,856	0,000
	14068	5	18,200	-21,360	-230,794	-1,029	-8,213	13,047	0,528	53,846	0,242	-230,794	0,000	-1,029	0,000	-8,213	0,000
EmbeddedBeamRow_2_1	14068	1	18,200	-21,360	-230,790	-1,028	-8,213	13,047	0,528	53,846	0,242	-230,790	0,000	-1,028	0,000	-8,213	0,000
Element 3-52 (Embedded beam row)	14069	2	18,200	-21,684	-227,984	-0,851	-8,518	13,332	0,573	53,846	0,248	-227,984	0,000	-0,851	0,000	-8,518	0,000
(palo 1500)	14070	3	18,200	-22,009	-225,080	-0,657	-8,763	13,626	0,622	53,846	0,253	-225,080	0,000	-0,657	0,000	-8,763	0,000
	14071	4	18,200	-22,333	-222,078	-0,447	-8,942	13,930	0,670	53,846	0,259	-222,078	0,000	-0,447	0,005	-8,942	0,000
	14072	5	18,200	-22,658	-218,981	-0,222	-9,051	14,246	0,715	53,846	0,265	-218,981	0,000	-0,222	0,080	-9,051	0,000
EmbeddedBeamRow_2_1	14072	1	18,200	-22,658	-218,977	-0,224	-9,051	14,246	0,715	53,846	0,265	-218,977	0,000	-0,224	0,079	-9,051	0,000
Element 3-53 (Embedded beam row)	14073	2	18,200	-22,986	-215,738	0,020	-9,085	14,577	0,756	53,846	0,271	-215,738	0,000	0,000	0,173	-9,085	0,000
(palo 1500)	14074	3	18,200	-23,314	-212,384	0,273	-9,037	14,921	0,788	53,846	0,277	-212,384	0,000	0,000	0,308	-9,037	0,000
	14075	4	18,200	-23,642	-208,914	0,535	-8,905	15,277	0,809	53,846	0,284	-208,914	0,000	0,000	0,535	-8,905	0,000
	14076	5	18,200	-23,971	-205,331	0,804	-8,685	15,648	0,816	53,846	0,291	-205,331	0,000	0,000	0,804	-8,685	0,000
EmbeddedBeamRow_2_1	14076	1	18,200	-23,971	-205,326	0,799	-8,685	15,648	0,816	53,846	0,291	-205,326	0,000	0,000	0,799	-8,685	0,000
Element 3-54 (Embedded beam row)	14077	2	18,200	-24,302	-201,576	1,074	-8,374	16,035	0,806	53,846	0,298	-201,576	0,000	0,000	1,074	-8,374	0,000
(palo 1500)	14078	3	18,200	-24,634	-197,689	1,335	-7,974	16,436	0,774	53,846	0,305	-197,689	0,000	0,000	1,335	-7,974	0,000
	14079	4	18,200	-24,966	-193,668	1,582	-7,489	16,849	0,717	53,846	0,313	-193,668	0,000	0,000	1,582	-7,489	0,000
	14080	5	18,200	-25,298	-189,513	1,812	-6,926	17,268	0,631	53,846	0,321	-189,513	0,000	0,000	1,812	-6,926	0,000
EmbeddedBeamRow_2_1	14080	1	18,200	-25,298	-189,511	1,804	-6,926	17,268	0,631	53,846	0,321	-189,511	0,000	0,000	1,804	-6,926	0,000
Element 3-55 (Embedded beam row)	14081	2	18,200	-25,634	-185,162	2,002	-6,285	17,697	0,512	53,846	0,329	-185,162	0,000	0,000	2,002	-6,285	0,000
(palo 1500)	14082	3	18,200	-25,970	-180,670	2,148	-5,587	18,119	0,363	53,846	0,336	-180,670	0,000	0,000	2,148	-5,587	0,000
	14083	4	18,200	-26,306	-176,038	2,240	-4,848	18,528	0,189	53,846	0,344	-176,038	0,000	0,000	2,240	-4,848	0,000
	14084	5	18,200	-26,641	-171,271	2,276	-4,089	18,920	-0,004	53,846	0,351	-171,271	0,000	0,000	2,276	-4,089	0,000
EmbeddedBeamRow_2_1	14084	1	18,200	-26,641	-171,281	2,273	-4,089	18,920	-0,004	53,846	0,351	-171,281	0,000	0,000	2,273	-4,089	0,000
Element 3-56 (Embedded beam row)	14085	2	18,200	-26,981	-166,318	2,234	-3,321	19,280	-0,227	53,846	0,358	-166,318	0,000	0,000	2,234	-3,321	0,000
(palo 1500)	14086	3	18,200	-27,321	-161,261	2,118	-2,580	19,571	-0,458	53,846	0,363	-161,261	0,000	0,000	2,118	-2,580	0,000
	14087	4	18,200	-27,660	-156,122	1,925	-1,891	19,770	-0,678	53,846	0,367	-156,122	0,000	0,000	1,925	-1,891	0,000
	14088	5	18,200	-28,000	-150,909	1,657	-1,280	19,842	-0,861	53,846	0,368	-150,909	0,000	0,000	1,657	-1,280	0,000
EmbeddedBeamRow_2_1	14088	1	18,200	-28,000	-150,985	1,674	-1,280	19,842	-0,861	53,846	0,368	-150,985	0,000	0,000	1,674	-1,280	0,000
Element 3-57 (Embedded beam row)	14089	2	18,200	-28,403	-144,729	1,265	-0,687	19,807	-1,062	53,846	0,368	-144,729	0,000	0,000	1,265	-0,688	0,000
(palo 1500)	14090	3	18,200	-28,805	-138,671	0,812	-0,268	19,467	-1,229	53,846	0,362	-138,671	0,000	0,000	0,812	-0,277	0,000
	14091	4	18,200	-29,207	-132,862	0,334	-0,036	18,562	-1,190	53,846	0,345	-132,862	0,000	0,000	0,348	-0,043	0,000

Structural element	Node [10 ˚]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T··· [kN/m/m]	T---·--- [kN/m/m]	T---·-··	N ··· [kN/m]	N --- [kN/m]	Q ··· [kN/m]	Q --- [kN/m]	M ··· [kN m/m]	M --- [kN m/m]
	14092	5	18,200	-29,610	-127,358	-0,152	0,000	16,995	-0,004	53,846	0,316	-127,358	0,000	-0,152	0,000	0,000	0,000

3.3.2.1.8 Calculation results, Embedded beam row, Versante - fase B [Phase_10] (10/36), Table of embedded pile row force envelopes

Structural element	Node [10 ˚]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T--- [kN/m/m]	T---+--- [kN/m/m]	T---+---	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
EmbeddedBeamRow_1_1	13862	1	10,400	-5,610	-500,893	-32,431	154,315	0,000	0,000	53,846	0,000	-500,893	0,000	-32,431	0,000	0,000	154,315
Element 1-1 (Embedded beam row)	13863	2	10,400	-5,894	-502,183	-32,432	145,120	-0,103	0,123	53,846	0,002	-502,183	0,000	-32,432	0,000	0,000	145,120
(palo 1500)	13864	3	10,400	-6,177	-503,521	-32,363	135,930	-0,267	0,354	53,846	0,005	-503,521	0,000	-32,363	0,000	0,000	135,930
	13865	4	10,400	-6,461	-504,904	-32,219	126,770	-0,426	0,646	53,846	0,008	-504,904	0,000	-32,219	0,000	0,000	126,770
	13866	5	10,400	-6,744	-506,331	-31,998	117,667	-0,503	0,994	53,846	0,009	-506,331	0,000	-31,998	0,000	0,000	117,667
EmbeddedBeamRow_1_1	13866	1	10,400	-6,744	-506,321	-31,986	117,667	-2,012	3,975	53,846	0,037	-506,321	0,000	-31,986	0,000	0,000	117,667
Element 1-2 (Embedded beam row)	13867	2	10,400	-7,057	-508,403	-30,814	107,859	-2,215	3,578	53,846	0,041	-508,403	0,000	-30,814	0,000	0,000	107,859
(palo 1500)	13868	3	10,400	-7,369	-510,537	-29,752	98,397	-2,377	3,211	53,846	0,044	-510,537	0,000	-29,752	0,000	0,000	98,397
	13869	4	10,400	-7,682	-512,720	-28,797	89,249	-2,531	2,890	53,846	0,047	-512,720	0,000	-28,797	0,000	0,000	89,249
	13870	5	10,400	-7,994	-514,950	-27,947	80,388	-2,686	2,668	53,846	0,050	-514,950	0,000	-27,947	0,000	-0,203	80,388
EmbeddedBeamRow_1_1	13870	1	10,400	-7,994	-514,944	-27,927	80,388	-2,686	2,668	53,846	0,050	-514,944	0,000	-27,927	0,000	-0,203	80,388
Element 1-3 (Embedded beam row)	13871	2	10,400	-8,307	-517,225	-27,135	71,787	-2,785	2,487	53,846	0,052	-517,225	0,000	-27,135	0,000	-1,280	71,787
(palo 1500)	13872	3	10,400	-8,619	-519,518	-26,374	63,425	-2,834	2,372	53,846	0,053	-519,518	0,000	-26,374	0,000	-2,242	63,425
	13873	4	10,400	-8,932	-521,819	-25,641	55,296	-2,834	2,308	53,846	0,053	-521,819	0,000	-25,641	0,000	-3,088	55,296
	13874	5	10,400	-9,244	-524,122	-24,933	47,397	-2,785	2,296	53,846	0,052	-524,122	0,000	-24,933	0,000	-3,817	47,397
EmbeddedBeamRow_1_1	13874	1	10,400	-9,244	-524,110	-24,920	47,397	-2,785	2,296	53,846	0,052	-524,110	0,000	-24,920	0,000	-3,817	47,397
Element 1-4 (Embedded beam row)	13875	2	10,400	-9,557	-526,390	-24,208	39,721	-2,686	2,324	53,846	0,050	-526,390	0,000	-24,208	0,000	-4,435	39,721
(palo 1500)	13876	3	10,400	-9,869	-528,622	-23,469	32,269	-2,539	2,399	53,846	0,047	-528,622	0,000	-23,469	0,000	-4,946	32,283
	13877	4	10,400	-10,182	-530,801	-22,699	25,053	-2,347	2,516	53,846	0,044	-530,801	0,000	-22,699	0,000	-5,357	25,983
	13878	5	10,400	-10,494	-532,922	-21,898	18,085	-2,110	2,677	53,846	0,039	-532,922	0,000	-21,898	0,000	-5,676	22,455
EmbeddedBeamRow_1_1	13878	1	10,400	-10,494	-532,911	-21,885	18,085	-2,110	2,677	53,846	0,039	-532,911	0,000	-21,885	0,000	-5,676	22,455
Element 1-5 (Embedded beam row)	13879	2	10,400	-10,807	-534,951	-21,027	11,380	-1,827	2,885	53,846	0,034	-534,951	0,000	-21,027	0,000	-5,914	19,099
(palo 1500)	13880	3	10,400	-11,119	-536,885	-20,084	4,952	-1,500	3,140	53,846	0,028	-536,885	0,000	-20,084	0,000	-6,079	15,920
	13881	4	10,400	-11,432	-538,711	-19,051	-1,166	-1,126	3,455	53,846	0,021	-538,711	0,000	-19,051	0,000	-6,186	12,926
	13882	5	10,400	-11,744	-540,422	-17,926	-6,945	-0,684	3,823	53,846	0,013	-540,422	0,000	-17,926	0,000	-6,945	10,128
EmbeddedBeamRow_1_1	13882	1	10,400	-11,744	-540,411	-17,922	-6,945	-1,025	5,734	53,846	0,019	-540,411	0,000	-17,922	0,000	-6,945	10,128
Element 1-6 (Embedded beam row)	13883	2	10,400	-12,038	-541,955	-16,254	-11,956	-0,406	5,606	53,846	0,008	-541,955	0,000	-16,254	0,022	-11,956	7,730
(palo 1500)	13884	3	10,400	-12,331	-543,308	-14,633	-16,486	0,242	5,449	53,846	0,004	-543,308	0,000	-14,633	0,166	-16,486	5,593
	13885	4	10,400	-12,624	-544,468	-13,062	-20,548	0,906	5,265	53,846	0,017	-544,468	0,000	-13,062	0,303	-20,548	3,705
	13886	5	10,400	-12,918	-545,435	-11,544	-24,155	1,579	5,062	53,846	0,029	-545,435	0,000	-11,544	0,431	-24,155	2,055
EmbeddedBeamRow_1_1	13886	1	10,400	-12,918	-545,433	-11,547	-24,155	1,579	5,062	53,846	0,029	-545,433	0,000	-11,547	0,431	-24,155	2,055
Element 1-7 (Embedded beam row)	13887	2	10,400	-13,214	-546,207	-10,078	-27,358	2,272	4,839	53,846	0,042	-546,207	0,000	-10,078	0,550	-27,358	0,617

Structural element	Node [10^3]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T,,,, [kN/m/m]	T,,, [kN/m/m]	T,,,,,,, [kN/m/m]	T,,,,,,,	N,,, [kN/m]	N,,, [kN/m]	Q,,, [kN/m]	Q,,, [kN/m]	M,,, [kN m/m]	M,,, [kN m/m]
(palo 1500)	13888	3	10,400	-13,510	-546,772	-8,678	-30,137	2,974	4,605	53,846	0,055	-546,772	0,000	-8,678	0,659	-30,137	0,000
	13889	4	10,400	-13,807	-547,129	-7,349	-32,511	3,681	4,363	53,846	0,068	-547,129	0,000	-7,349	0,756	-32,511	0,000
	13890	5	10,400	-14,103	-547,276	-6,092	-34,501	4,393	4,116	53,846	0,082	-547,276	0,000	-6,092	0,842	-34,501	0,000
EmbeddedBeamRow_1_1	13890	1	10,400	-14,103	-547,275	-6,092	-34,501	4,393	4,116	53,846	0,082	-547,275	0,000	-6,092	0,843	-34,501	0,000
Element 1-8 (Embedded beam row)	13891	2	10,400	-14,403	-547,209	-4,897	-36,144	5,117	3,864	53,846	0,095	-547,209	0,000	-4,897	0,918	-36,144	0,000
(palo 1500)	13892	3	10,400	-14,702	-546,924	-3,777	-37,442	5,843	3,612	53,846	0,109	-546,924	0,000	-3,777	0,983	-37,442	0,000
	13893	4	10,400	-15,002	-546,422	-2,732	-38,415	6,570	3,362	53,846	0,122	-546,422	0,000	-2,732	1,038	-38,415	0,000
	13894	5	10,400	-15,302	-545,703	-1,763	-39,086	7,298	3,117	53,846	0,136	-545,703	0,000	-1,763	1,081	-39,086	0,000
EmbeddedBeamRow_1_1	13894	1	10,400	-15,302	-545,703	-1,761	-39,086	7,298	3,117	53,846	0,136	-545,703	0,000	-1,761	1,082	-39,086	0,000
Element 1-9 (Embedded beam row)	13895	2	10,400	-15,604	-544,754	-0,856	-39,481	8,033	2,873	53,846	0,149	-544,754	0,000	-0,856	1,116	-39,481	0,000
(palo 1500)	13896	3	10,400	-15,907	-543,583	-0,022	-39,612	8,767	2,636	53,846	0,163	-543,583	0,000	-0,022	1,140	-39,612	0,000
	13897	4	10,400	-16,210	-542,189	0,742	-39,501	9,500	2,406	53,846	0,176	-542,189	0,000	0,000	1,156	-39,501	0,000
	13898	5	10,400	-16,512	-540,575	1,434	-39,170	10,231	2,184	53,846	0,190	-540,575	0,000	0,000	1,434	-39,170	0,000
EmbeddedBeamRow_1_1	13898	1	10,400	-16,512	-540,574	1,437	-39,170	10,231	2,184	53,846	0,190	-540,574	0,000	0,000	1,437	-39,170	0,000
Element 1-10 (Embedded beam row)	13899	2	10,400	-16,818	-538,719	2,070	-38,632	10,967	1,968	53,846	0,204	-538,719	0,000	0,000	2,070	-38,632	0,000
(palo 1500)	13900	3	10,400	-17,124	-536,637	2,641	-37,910	11,701	1,762	53,846	0,217	-536,637	0,000	0,000	2,641	-37,910	0,000
	13901	4	10,400	-17,430	-534,332	3,150	-37,023	12,433	1,565	53,846	0,231	-534,332	0,000	0,000	3,150	-37,023	0,000
	13902	5	10,400	-17,736	-531,804	3,597	-35,989	13,162	1,377	53,846	0,244	-531,804	0,000	0,000	3,597	-35,989	0,000
EmbeddedBeamRow_1_1	13902	1	10,400	-17,736	-531,803	3,600	-35,989	13,162	1,377	53,846	0,244	-531,803	0,000	0,000	3,600	-35,989	0,000
Element 1-11 (Embedded beam row)	13903	2	10,400	-18,045	-529,022	3,996	-34,814	13,897	1,196	53,846	0,258	-529,022	0,000	0,000	3,996	-34,814	0,000
(palo 1500)	13904	3	10,400	-18,354	-526,013	4,339	-33,524	14,630	1,025	53,846	0,272	-526,013	0,000	0,000	4,339	-33,524	0,000
	13905	4	10,400	-18,663	-522,778	4,631	-32,136	15,362	0,862	53,846	0,285	-522,778	0,000	0,000	4,631	-32,136	0,121
	13906	5	10,400	-18,973	-519,318	4,872	-30,667	16,093	0,708	53,846	0,299	-519,318	0,000	0,000	4,872	-30,667	0,817
EmbeddedBeamRow_1_1	13906	1	10,400	-18,973	-519,316	4,874	-30,667	16,093	0,708	53,846	0,299	-519,316	0,000	0,000	4,874	-30,667	0,817
Element 1-12 (Embedded beam row)	13907	2	10,400	-19,285	-515,591	5,070	-29,113	16,831	0,559	53,846	0,313	-515,591	0,000	0,000	5,070	-29,113	1,534
(palo 1500)	13908	3	10,400	-19,597	-511,633	5,223	-27,503	17,569	0,416	53,846	0,326	-511,633	0,000	0,000	5,223	-27,503	2,256
	13909	4	10,400	-19,910	-507,444	5,332	-25,853	18,308	0,279	53,846	0,340	-507,444	0,000	0,000	5,332	-25,853	2,976
	13910	5	10,400	-20,222	-503,027	5,397	-24,177	19,047	0,147	53,846	0,354	-503,027	0,000	0,000	5,397	-24,177	3,686
EmbeddedBeamRow_1_1	13910	1	10,400	-20,222	-503,024	5,398	-24,177	19,047	0,147	53,846	0,354	-503,024	0,000	0,000	5,398	-24,177	3,686
Element 1-13 (Embedded beam row)	13911	2	10,400	-20,538	-498,327	5,424	-22,468	19,797	0,017	53,846	0,368	-498,327	0,000	0,000	5,424	-22,468	4,387
(palo 1500)	13912	3	10,400	-20,853	-493,388	5,409	-20,757	20,551	-0,109	53,846	0,382	-493,388	0,000	0,000	5,409	-20,757	5,065
	13913	4	10,400	-21,169	-488,210	5,355	-19,057	21,309	-0,234	53,846	0,396	-488,210	0,000	0,000	5,355	-19,057	5,713
	13914	5	10,400	-21,485	-482,797	5,261	-17,381	22,072	-0,358	53,846	0,410	-482,797	0,000	0,000	5,261	-17,381	6,325
EmbeddedBeamRow_1_1	13914	1	10,400	-21,485	-482,792	5,263	-17,381	22,072	-0,358	53,846	0,410	-482,792	0,000	0,000	5,263	-17,381	6,325
Element 1-14 (Embedded beam row)	13915	2	10,400	-21,804	-477,078	5,127	-15,723	22,849	-0,479	53,846	0,424	-477,078	0,000	0,000	5,127	-15,723	6,899
(palo 1500)	13916	3	10,400	-22,123	-471,108	4,957	-14,113	23,636	-0,591	53,846	0,439	-471,108	0,000	0,000	4,957	-14,113	7,424

Structural element	Node [10^3]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T,max [kN/m/m]	T,min [kN/m/m]	T,mean [kN/m/m]	T,delta [kN/m/m]	N,max [kN/m]	N,min [kN/m]	Q,max [kN/m]	Q,min [kN/m]	M,max [kN m/m]	M,min [kN m/m]
	13917	4	10,400	-22,442	-464,884	4,753	-12,563	24,435	-0,691	53,846	0,454	-464,884	0,000	0,000	4,753	-12,563	7,891
	13918	5	10,400	-22,761	-458,412	4,516	-11,084	25,247	-0,777	53,846	0,469	-458,412	0,000	0,000	4,516	-11,084	8,295
EmbeddedBeamRow_1_1	13918	1	10,400	-22,761	-458,404	4,519	-11,084	25,247	-0,777	53,846	0,469	-458,404	0,000	0,000	4,519	-11,084	8,295
Element 1-15 (Embedded beam row)	13919	2	10,400	-23,083	-451,599	4,254	-9,670	26,085	-0,852	53,846	0,484	-451,599	0,000	0,000	4,254	-9,670	8,633
(palo 1500)	13920	3	10,400	-23,405	-444,511	3,970	-8,344	26,943	-0,914	53,846	0,500	-444,511	0,000	0,000	3,970	-8,344	8,892
	13921	4	10,400	-23,728	-437,143	3,667	-7,112	27,821	-0,964	53,846	0,517	-437,143	0,000	-0,017	3,667	-7,112	9,066
	13922	5	10,400	-24,050	-429,499	3,348	-5,981	28,719	-1,005	53,846	0,533	-429,499	0,000	-0,072	3,348	-5,981	9,149
EmbeddedBeamRow_1_1	13922	1	10,400	-24,050	-429,490	3,350	-5,981	28,719	-1,005	53,846	0,533	-429,490	0,000	-0,072	3,350	-5,981	9,149
Element 1-16 (Embedded beam row)	13923	2	10,400	-24,376	-421,468	3,016	-4,944	29,647	-1,038	53,846	0,551	-421,468	0,000	-0,207	3,016	-4,944	9,134
(palo 1500)	13924	3	10,400	-24,701	-413,130	2,674	-4,017	30,594	-1,064	53,846	0,568	-413,130	0,000	-0,539	2,674	-4,017	9,013
	13925	4	10,400	-25,027	-404,481	2,325	-3,203	31,561	-1,082	53,846	0,586	-404,481	0,000	-0,883	2,325	-3,203	8,782
	13926	5	10,400	-25,353	-395,524	1,969	-2,504	32,549	-1,088	53,846	0,604	-395,524	0,000	-1,239	1,969	-2,504	8,436
EmbeddedBeamRow_1_1	13926	1	10,400	-25,353	-395,514	1,976	-2,504	32,549	-1,088	53,846	0,604	-395,514	0,000	-1,230	1,976	-2,504	8,436
Element 1-17 (Embedded beam row)	13927	2	10,400	-25,682	-386,135	1,609	-1,914	33,555	-1,083	53,846	0,623	-386,135	0,000	-1,583	1,609	-1,914	7,973
(palo 1500)	13928	3	10,400	-26,011	-376,410	1,262	-1,442	34,584	-1,033	53,846	0,642	-376,410	0,000	-1,906	1,262	-1,442	7,398
	13929	4	10,400	-26,340	-366,344	0,938	-1,080	35,622	-0,943	53,846	0,662	-366,344	0,000	-2,196	0,938	-1,080	6,721
	13930	5	10,400	-26,670	-355,944	0,641	-0,821	36,645	-0,792	53,846	0,681	-355,944	0,000	-2,449	0,641	-0,821	5,956
EmbeddedBeamRow_1_1	13930	1	10,400	-26,670	-355,956	0,652	-0,821	36,645	-0,792	53,846	0,681	-355,956	0,000	-2,432	0,652	-0,821	5,956
Element 1-18 (Embedded beam row)	13931	2	10,400	-27,002	-345,086	0,416	-0,646	37,651	-0,595	53,846	0,699	-345,086	0,000	-2,627	0,416	-0,646	5,112
(palo 1500)	13932	3	10,400	-27,335	-333,920	0,257	-0,536	38,568	-0,347	53,846	0,716	-333,920	0,000	-2,720	0,257	-0,536	4,220
	13933	4	10,400	-27,667	-322,479	0,172	-0,467	39,308	-0,153	53,846	0,730	-322,479	0,000	-2,708	0,172	-0,467	3,314
	13934	5	10,400	-28,000	-310,783	0,157	-0,414	39,722	-0,084	53,846	0,738	-310,783	0,000	-2,590	0,157	-0,414	2,430
EmbeddedBeamRow_1_1	13934	1	10,400	-28,000	-310,915	0,099	-0,414	39,722	-0,084	53,846	0,738	-310,915	0,000	-2,594	0,099	-0,414	2,430
Element 1-19 (Embedded beam row)	13935	2	10,400	-28,403	-296,581	0,202	-0,357	39,788	0,223	53,846	0,739	-296,581	0,000	-2,239	0,202	-0,357	1,448
(palo 1500)	13936	3	10,400	-28,805	-282,500	0,313	-0,248	39,443	0,535	53,846	0,733	-282,500	0,000	-1,643	0,313	-0,248	0,661
	13937	4	10,400	-29,207	-268,778	0,340	-0,116	38,002	-0,194	53,846	0,706	-268,778	0,000	-0,847	0,340	-0,116	0,152
	13938	5	10,400	-29,610	-255,523	0,192	0,000	34,116	-2,100	53,846	0,634	-255,523	0,000	0,000	0,192	0,000	0,000
EmbeddedBeamRow_3_1	13939	1	14,300	-5,610	-385,654	-25,020	114,316	0,000	0,000	53,846	0,000	-385,654	0,000	-25,020	0,000	0,000	114,316
Element 2-20 (Embedded beam row)	13940	2	14,300	-6,010	-387,475	-24,942	104,315	-0,027	0,311	53,846	0,001	-387,475	0,000	-24,942	0,000	0,000	104,315
(palo 1500)	13941	3	14,300	-6,411	-389,304	-24,769	94,360	-0,045	0,564	53,846	0,001	-389,304	0,000	-24,769	0,000	0,000	94,360
	13942	4	14,300	-6,811	-391,137	-24,505	84,493	-0,052	0,765	53,846	0,001	-391,137	0,000	-24,505	0,000	0,000	84,493
	13943	5	14,300	-7,211	-392,973	-24,155	74,754	-0,049	0,921	53,846	0,001	-392,973	0,000	-24,155	0,000	0,000	74,754
EmbeddedBeamRow_3_1	13943	1	14,300	-7,211	-392,972	-24,162	74,754	-0,195	3,684	53,846	0,004	-392,972	0,000	-24,162	0,000	0,000	74,754
Element 2-21 (Embedded beam row)	13944	2	14,300	-7,524	-394,456	-23,033	67,382	-0,248	3,545	53,846	0,005	-394,456	0,000	-23,033	0,000	0,000	67,382
(palo 1500)	13945	3	14,300	-7,836	-395,959	-21,947	60,354	-0,303	3,409	53,846	0,006	-395,959	0,000	-21,947	0,000	0,000	60,354
	13946	4	14,300	-8,149	-397,478	-20,903	53,658	-0,358	3,269	53,846	0,007	-397,478	0,000	-20,903	0,000	0,000	53,658

Structural element	Node [10⁻³]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T,xx [kN/m/m]	T,yy [kN/m/m]	T,xx+yy [kN/m/m]	T,xx-yy	N,xx [kN/m]	N,yy [kN/m]	Q,xz [kN/m]	Q,yz [kN/m]	M,xx [kN m/m]	M,yy [kN m/m]
	13947	5	14,300	-8,461	-399,014	-19,903	47,284	-0,410	3,129	53,846	0,008	-399,014	0,000	-19,903	0,000	0,000	47,284
EmbeddedBeamRow_3_1	13947	1	14,300	-8,461	-399,013	-19,902	47,284	-0,410	3,129	53,846	0,008	-399,013	0,000	-19,902	0,000	0,000	47,284
Element 2-22 (Embedded beam row)	13948	2	14,300	-8,774	-400,566	-18,949	41,216	-0,456	2,986	53,846	0,008	-400,566	0,000	-18,949	0,000	-0,135	41,216
(palo 1500)	13949	3	14,300	-9,086	-402,130	-18,037	35,437	-0,493	2,850	53,846	0,009	-402,130	0,000	-18,037	0,000	-0,333	35,437
	13950	4	14,300	-9,399	-403,704	-17,165	29,937	-0,520	2,724	53,846	0,010	-403,704	0,000	-17,165	0,000	-0,519	30,324
	13951	5	14,300	-9,711	-405,287	-16,334	24,705	-0,533	2,612	53,846	0,010	-405,287	0,000	-16,334	0,000	-0,697	27,924
EmbeddedBeamRow_3_1	13951	1	14,300	-9,711	-405,283	-16,330	24,705	-0,533	2,612	53,846	0,010	-405,283	0,000	-16,330	0,000	-0,697	27,924
Element 2-23 (Embedded beam row)	13952	2	14,300	-10,024	-406,869	-15,533	19,728	-0,529	2,516	53,846	0,010	-406,869	0,000	-15,533	0,000	-0,866	25,611
(palo 1500)	13953	3	14,300	-10,336	-408,446	-14,758	14,994	-0,507	2,437	53,846	0,009	-408,446	0,000	-14,758	0,000	-1,029	23,381
	13954	4	14,300	-10,649	-410,014	-14,005	10,499	-0,465	2,378	53,846	0,009	-410,014	0,000	-14,005	0,000	-1,185	21,235
	13955	5	14,300	-10,961	-411,569	-13,273	6,239	-0,399	2,337	53,846	0,007	-411,569	0,000	-13,273	0,000	-1,335	19,171
EmbeddedBeamRow_3_1	13955	1	14,300	-10,961	-411,563	-13,268	6,239	-0,399	2,337	53,846	0,007	-411,563	0,000	-13,268	0,000	-1,335	19,171
Element 2-24 (Embedded beam row)	13956	2	14,300	-11,274	-413,095	-12,545	2,206	-0,309	2,316	53,846	0,006	-413,095	0,000	-12,545	0,000	-1,479	17,194
(palo 1500)	13957	3	14,300	-11,586	-414,589	-11,821	-1,602	-0,193	2,311	53,846	0,004	-414,589	0,000	-11,821	0,000	-1,616	15,305
	13958	4	14,300	-11,899	-416,042	-11,097	-5,184	-0,050	2,322	53,846	0,001	-416,042	0,000	-11,097	0,000	-5,184	13,513
	13959	5	14,300	-12,211	-417,453	-10,370	-8,537	0,122	2,343	53,846	0,002	-417,453	0,000	-10,370	0,000	-8,537	11,827
EmbeddedBeamRow_3_1	13959	1	14,300	-12,211	-417,446	-10,366	-8,537	0,183	3,514	53,846	0,003	-417,446	0,000	-10,366	0,000	-8,537	11,827
Element 2-25 (Embedded beam row)	13960	2	14,300	-12,496	-418,657	-9,409	-11,352	0,412	3,234	53,846	0,008	-418,657	0,000	-9,409	0,000	-11,352	10,412
(palo 1500)	13961	3	14,300	-12,781	-419,794	-8,524	-13,906	0,667	2,977	53,846	0,012	-419,794	0,000	-8,524	0,000	-13,906	9,128
	13962	4	14,300	-13,066	-420,855	-7,709	-16,217	0,946	2,738	53,846	0,018	-420,855	0,000	-7,709	0,000	-16,217	7,965
	13963	5	14,300	-13,351	-421,837	-6,964	-18,305	1,248	2,514	53,846	0,023	-421,837	0,000	-6,964	0,000	-18,305	6,913
EmbeddedBeamRow_3_1	13963	1	14,300	-13,351	-421,833	-6,960	-18,305	1,248	2,514	53,846	0,023	-421,833	0,000	-6,960	0,000	-18,305	6,913
Element 2-26 (Embedded beam row)	13964	2	14,300	-13,639	-422,735	-6,270	-20,208	1,574	2,302	53,846	0,029	-422,735	0,000	-6,270	0,000	-20,208	5,951
(palo 1500)	13965	3	14,300	-13,927	-423,536	-5,635	-21,921	1,920	2,103	53,846	0,036	-423,536	0,000	-5,635	0,000	-21,921	5,081
	13966	4	14,300	-14,215	-424,235	-5,056	-23,459	2,284	1,919	53,846	0,042	-424,235	0,000	-5,056	0,000	-23,459	4,294
	13967	5	14,300	-14,503	-424,830	-4,531	-24,838	2,667	1,747	53,846	0,050	-424,830	0,000	-4,531	0,000	-24,838	3,584
EmbeddedBeamRow_3_1	13967	1	14,300	-14,503	-424,826	-4,527	-24,838	2,667	1,747	53,846	0,050	-424,826	0,000	-4,527	0,000	-24,838	3,584
Element 2-27 (Embedded beam row)	13968	2	14,300	-14,794	-425,313	-4,045	-26,083	3,069	1,586	53,846	0,057	-425,313	0,000	-4,045	0,000	-26,083	2,935
(palo 1500)	13969	3	14,300	-15,084	-425,677	-3,605	-27,196	3,487	1,438	53,846	0,065	-425,677	0,000	-3,605	0,012	-27,196	2,348
	13970	4	14,300	-15,375	-425,918	-3,206	-28,186	3,920	1,303	53,846	0,073	-425,918	0,000	-3,206	0,032	-28,186	1,817
	13971	5	14,300	-15,666	-426,033	-2,847	-29,065	4,365	1,180	53,846	0,081	-426,033	0,000	-2,847	0,049	-29,065	1,337
EmbeddedBeamRow_3_1	13971	1	14,300	-15,666	-426,030	-2,844	-29,065	4,365	1,180	53,846	0,081	-426,030	0,000	-2,844	0,049	-29,065	1,337
Element 2-28 (Embedded beam row)	13972	2	14,300	-15,960	-426,014	-2,516	-29,852	4,827	1,068	53,846	0,090	-426,014	0,000	-2,516	0,064	-29,852	0,896
(palo 1500)	13973	3	14,300	-16,254	-425,857	-2,216	-30,547	5,301	0,968	53,846	0,098	-425,857	0,000	-2,216	0,077	-30,547	0,495
	13974	4	14,300	-16,548	-425,559	-1,944	-31,158	5,785	0,880	53,846	0,107	-425,559	0,000	-1,944	0,088	-31,158	0,131
	13975	5	14,300	-16,842	-425,120	-1,699	-31,693	6,278	0,804	53,846	0,117	-425,120	0,000	-1,699	0,098	-31,693	0,000

Structural element	Node [10⁻³]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N --- [kN/m]	N --- [kN/m]	Q --- [kN/m]	Q --- [kN/m]	M --- [kN m/m]	M --- [kN m/m]
EmbeddedBeamRow_3_1	13975	1	14,300	-16,842	-425,117	-1,696	-31,693	6,278	0,804	53,846	0,117	-425,117	0,000	-1,696	0,098	-31,693	0,000
Element 2-29 (Embedded beam row)	13976	2	14,300	-17,140	-424,525	-1,470	-32,163	6,785	0,739	53,846	0,126	-424,525	0,000	-1,470	0,106	-32,163	0,000
(palo 1500)	13977	3	14,300	-17,437	-423,778	-1,257	-32,568	7,300	0,687	53,846	0,136	-423,778	0,000	-1,257	0,113	-32,568	0,000
	13978	4	14,300	-17,734	-422,878	-1,059	-32,912	7,823	0,646	53,846	0,145	-422,878	0,000	-1,059	0,119	-32,912	0,000
	13979	5	14,300	-18,031	-421,823	-0,874	-33,199	8,352	0,616	53,846	0,155	-421,823	0,000	-0,874	0,124	-33,199	0,000
EmbeddedBeamRow_3_1	13979	1	14,300	-18,031	-421,821	-0,871	-33,199	8,352	0,616	53,846	0,155	-421,821	0,000	-0,871	0,124	-33,199	0,000
Element 2-30 (Embedded beam row)	13980	2	14,300	-18,331	-420,594	-0,691	-33,433	8,893	0,598	53,846	0,165	-420,594	0,000	-0,708	0,128	-33,433	0,000
(palo 1500)	13981	3	14,300	-18,631	-419,202	-0,512	-33,614	9,440	0,592	53,846	0,175	-419,202	0,000	-0,652	0,133	-33,614	0,000
	13982	4	14,300	-18,932	-417,645	-0,333	-33,740	9,992	0,597	53,846	0,186	-417,645	0,000	-0,600	0,137	-33,740	0,000
	13983	5	14,300	-19,232	-415,923	-0,154	-33,814	10,549	0,612	53,846	0,196	-415,923	0,000	-0,551	0,141	-33,814	0,000
EmbeddedBeamRow_3_1	13983	1	14,300	-19,232	-415,921	-0,151	-33,814	10,549	0,612	53,846	0,196	-415,921	0,000	-0,550	0,141	-33,814	0,000
Element 2-31 (Embedded beam row)	13984	2	14,300	-19,535	-414,011	0,037	-33,831	11,116	0,639	53,846	0,206	-414,011	0,000	-0,502	0,145	-33,831	0,000
(palo 1500)	13985	3	14,300	-19,839	-411,926	0,236	-33,790	11,687	0,676	53,846	0,217	-411,926	0,000	-0,454	0,236	-33,790	0,000
	13986	4	14,300	-20,142	-409,667	0,449	-33,687	12,262	0,722	53,846	0,228	-409,667	0,000	-0,404	0,449	-33,687	0,000
	13987	5	14,300	-20,445	-407,235	0,674	-33,517	12,842	0,776	53,846	0,238	-407,235	0,000	-0,354	0,674	-33,517	0,000
EmbeddedBeamRow_3_1	13987	1	14,300	-20,445	-407,233	0,676	-33,517	12,842	0,776	53,846	0,238	-407,233	0,000	-0,353	0,676	-33,517	0,000
Element 2-32 (Embedded beam row)	13988	2	14,300	-20,752	-404,597	0,922	-33,272	13,432	0,837	53,846	0,249	-404,597	0,000	-0,298	0,922	-33,272	0,000
(palo 1500)	13989	3	14,300	-21,059	-401,776	1,189	-32,949	14,025	0,906	53,846	0,260	-401,776	0,000	-0,240	1,189	-32,949	0,000
	13990	4	14,300	-21,365	-398,773	1,478	-32,541	14,623	0,979	53,846	0,272	-398,773	0,000	-0,176	1,478	-32,541	0,000
	13991	5	14,300	-21,672	-395,589	1,789	-32,041	15,229	1,055	53,846	0,283	-395,589	0,000	-0,108	1,789	-32,041	0,000
EmbeddedBeamRow_3_1	13991	1	14,300	-21,672	-395,584	1,789	-32,041	15,229	1,055	53,846	0,283	-395,584	0,000	-0,108	1,789	-32,041	0,000
Element 2-33 (Embedded beam row)	13992	2	14,300	-21,982	-392,179	2,129	-31,435	15,852	1,131	53,846	0,294	-392,179	0,000	-0,033	2,129	-31,435	0,000
(palo 1500)	13993	3	14,300	-22,291	-388,571	2,490	-30,719	16,490	1,200	53,846	0,306	-388,571	0,000	0,000	2,490	-30,719	0,000
	13994	4	14,300	-22,601	-384,763	2,870	-29,890	17,145	1,258	53,846	0,318	-384,763	0,000	0,000	2,870	-29,890	0,000
	13995	5	14,300	-22,911	-380,756	3,269	-28,939	17,821	1,299	53,846	0,331	-380,756	0,000	0,000	3,269	-28,939	0,000
EmbeddedBeamRow_3_1	13995	1	14,300	-22,911	-380,748	3,262	-28,939	17,821	1,299	53,846	0,331	-380,748	0,000	0,000	3,262	-28,939	0,000
Element 2-34 (Embedded beam row)	13996	2	14,300	-23,224	-376,485	3,680	-27,853	18,528	1,317	53,846	0,344	-376,485	0,000	0,000	3,680	-27,853	0,000
(palo 1500)	13997	3	14,300	-23,537	-371,986	4,088	-26,636	19,259	1,295	53,846	0,358	-371,986	0,000	0,000	4,088	-26,636	0,000
	13998	4	14,300	-23,850	-367,252	4,483	-25,294	20,027	1,238	53,846	0,372	-367,252	0,000	0,000	4,483	-25,294	0,000
	13999	5	14,300	-24,163	-362,285	4,864	-23,830	20,840	1,143	53,846	0,387	-362,285	0,000	0,000	4,864	-23,830	0,000
EmbeddedBeamRow_3_1	13999	1	14,300	-24,163	-362,269	4,854	-23,830	20,840	1,143	53,846	0,387	-362,269	0,000	0,000	4,854	-23,830	0,000
Element 2-35 (Embedded beam row)	14000	2	14,300	-24,480	-356,987	5,203	-22,238	21,716	1,008	53,846	0,403	-356,987	0,000	0,000	5,203	-22,238	0,000
(palo 1500)	14001	3	14,300	-24,796	-351,398	5,492	-20,545	22,653	0,829	53,846	0,421	-351,398	0,000	0,000	5,492	-20,545	0,000
	14002	4	14,300	-25,113	-345,502	5,719	-18,769	23,661	0,610	53,846	0,439	-345,502	0,000	0,000	5,719	-18,769	0,000
	14003	5	14,300	-25,429	-339,297	5,879	-16,933	24,744	0,355	53,846	0,460	-339,297	0,000	0,000	5,879	-16,933	0,000
EmbeddedBeamRow_3_1	14003	1	14,300	-25,429	-339,274	5,872	-16,933	24,744	0,355	53,846	0,460	-339,274	0,000	0,000	5,872	-16,933	0,000

Structural element	Node [10⁻³]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T-- [kN/m/m]	T-- [kN/m/m]	T-- [kN/m/m]	T--	N-- [kN/m]	N-- [kN/m]	Q-- [kN/m]	Q-- [kN/m]	M-- [kN m/m]	M-- [kN m/m]
Element 2-36 (Embedded beam row)	14004	2	14,300	-25,749	-332,644	5,944	-15,042	25,919	0,069	53,846	0,481	-332,644	0,000	0,000	5,944	-15,042	0,000
(palo 1500)	14005	3	14,300	-26,068	-325,602	5,917	-13,143	27,175	-0,236	53,846	0,505	-325,602	0,000	0,000	5,917	-13,143	0,000
	14006	4	14,300	-26,388	-318,148	5,790	-11,269	28,495	-0,552	53,846	0,529	-318,148	0,000	0,000	5,790	-11,269	0,000
	14007	5	14,300	-26,708	-310,283	5,564	-9,452	29,849	-0,864	53,846	0,554	-310,283	0,000	0,000	5,564	-9,452	0,000
EmbeddedBeamRow_3_1	14007	1	14,300	-26,708	-310,290	5,567	-9,452	29,849	-0,864	53,846	0,554	-310,290	0,000	0,000	5,567	-9,452	0,000
Element 2-37 (Embedded beam row)	14008	2	14,300	-27,031	-301,864	5,239	-7,704	31,233	-1,134	53,846	0,580	-301,864	0,000	0,000	5,239	-7,704	0,000
(palo 1500)	14009	3	14,300	-27,354	-293,033	4,834	-6,075	32,526	-1,382	53,846	0,604	-293,033	0,000	0,000	4,834	-6,075	0,065
	14010	4	14,300	-27,677	-283,818	4,354	-4,588	33,613	-1,593	53,846	0,624	-283,818	0,000	0,000	4,354	-4,588	0,159
	14011	5	14,300	-28,000	-274,239	3,803	-3,269	34,424	-1,831	53,846	0,639	-274,239	0,000	0,000	3,803	-3,269	0,202
EmbeddedBeamRow_3_1	14011	1	14,300	-28,000	-274,423	3,815	-3,269	34,424	-1,831	53,846	0,639	-274,423	0,000	0,000	3,815	-3,269	0,202
Element 2-38 (Embedded beam row)	14012	2	14,300	-28,403	-261,975	2,994	-1,896	35,248	-2,147	53,846	0,655	-261,975	0,000	-0,128	2,994	-1,896	0,189
(palo 1500)	14013	3	14,300	-28,805	-249,645	2,086	-0,871	35,381	-2,362	53,846	0,657	-249,645	0,000	-0,214	2,086	-0,871	0,116
	14014	4	14,300	-29,207	-237,580	1,095	-0,227	33,931	-2,564	53,846	0,630	-237,580	0,000	-0,167	1,095	-0,227	0,035
	14015	5	14,300	-29,610	-225,928	0,022	0,000	30,171	-2,945	53,846	0,560	-225,928	0,000	0,000	0,026	0,000	0,000
EmbeddedBeamRow_2_1	14016	1	18,200	-5,610	-397,957	-18,488	82,546	0,000	0,000	53,846	0,000	-397,957	0,000	-18,488	2,346	-3,703	82,546
Element 3-39 (Embedded beam row)	14017	2	18,200	-5,885	-399,200	-18,446	77,472	-0,021	0,280	53,846	0,000	-399,200	0,000	-18,446	2,327	-3,060	77,472
(palo 1500)	14018	3	18,200	-6,159	-400,458	-18,334	72,417	-0,059	0,546	53,846	0,001	-400,458	0,000	-18,334	2,279	-2,426	72,417
	14019	4	18,200	-6,434	-401,730	-18,151	67,402	-0,130	0,788	53,846	0,002	-401,730	0,000	-18,151	2,203	-1,810	67,402
	14020	5	18,200	-6,709	-403,018	-17,900	62,449	-0,229	0,967	53,846	0,004	-403,018	0,000	-17,900	2,099	-1,218	62,449
EmbeddedBeamRow_2_1	14020	1	18,200	-6,709	-403,021	-17,914	62,449	-0,229	0,967	53,846	0,004	-403,021	0,000	-17,914	2,108	-1,218	62,449
Element 3-40 (Embedded beam row)	14021	2	18,200	-6,951	-404,187	-17,657	58,141	-0,321	1,050	53,846	0,006	-404,187	0,000	-17,657	2,008	-0,720	58,141
(palo 1500)	14022	3	18,200	-7,194	-405,372	-17,404	53,892	-0,404	1,058	53,846	0,008	-405,372	0,000	-17,404	1,924	-0,244	53,892
	14023	4	18,200	-7,436	-406,575	-17,158	49,704	-0,468	0,986	53,846	0,009	-406,575	0,000	-17,158	1,858	0,000	49,704
	14024	5	18,200	-7,678	-407,795	-16,924	45,576	-0,499	0,824	53,846	0,009	-407,795	0,000	-16,924	1,811	0,000	45,576
EmbeddedBeamRow_2_1	14024	1	18,200	-7,678	-407,789	-16,931	45,576	-1,997	3,298	53,846	0,037	-407,789	0,000	-16,931	1,820	0,000	45,576
Element 3-41 (Embedded beam row)	14025	2	18,200	-7,991	-409,827	-15,940	40,443	-1,950	3,067	53,846	0,036	-409,827	0,000	-15,940	1,691	0,000	40,443
(palo 1500)	14026	3	18,200	-8,303	-411,840	-15,014	35,607	-1,879	2,851	53,846	0,035	-411,840	0,000	-15,014	1,526	0,000	35,607
	14027	4	18,200	-8,616	-413,827	-14,155	31,050	-1,776	2,647	53,846	0,033	-413,827	0,000	-14,155	1,329	0,000	33,409
	14028	5	18,200	-8,928	-415,783	-13,360	26,754	-1,641	2,458	53,846	0,030	-415,783	0,000	-13,360	1,102	0,000	32,092
EmbeddedBeamRow_2_1	14028	1	18,200	-8,928	-415,777	-13,356	26,754	-1,641	2,458	53,846	0,030	-415,777	0,000	-13,356	1,108	0,000	32,092
Element 3-42 (Embedded beam row)	14029	2	18,200	-9,241	-417,684	-12,619	22,697	-1,484	2,283	53,846	0,028	-417,684	0,000	-12,619	0,868	0,000	30,754
(palo 1500)	14030	3	18,200	-9,553	-419,537	-11,929	18,862	-1,310	2,127	53,846	0,024	-419,537	0,000	-11,929	0,625	0,000	29,383
	14031	4	18,200	-9,866	-421,333	-11,285	15,235	-1,122	1,990	53,846	0,021	-421,333	0,000	-11,285	0,382	0,000	27,975
	14032	5	18,200	-10,178	-423,070	-10,686	11,804	-0,922	1,871	53,846	0,017	-423,070	0,000	-10,686	0,140	0,000	26,527
EmbeddedBeamRow_2_1	14032	1	18,200	-10,178	-423,068	-10,681	11,804	-0,922	1,871	53,846	0,017	-423,068	0,000	-10,681	0,144	0,000	26,527
Element 3-43 (Embedded beam row)	14033	2	18,200	-10,491	-424,740	-10,116	8,556	-0,714	1,770	53,846	0,013	-424,740	0,000	-10,116	0,000	0,000	25,040

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
(palo 1500)	14034	3	18,200	-10,803	-426,346	-9,575	5,479	-0,497	1,687	53,846	0,009	-426,346	0,000	-9,575	0,000	0,000	23,516
	14035	4	18,200	-11,116	-427,882	-9,058	2,567	-0,273	1,620	53,846	0,005	-427,882	0,000	-9,058	0,000	0,000	21,963
	14036	5	18,200	-11,428	-429,348	-8,563	-0,185	-0,043	1,568	53,846	0,001	-429,348	0,000	-8,563	0,000	-0,185	20,390
EmbeddedBeamRow_2_1	14036	1	18,200	-11,428	-429,347	-8,560	-0,185	-0,043	1,568	53,846	0,001	-429,347	0,000	-8,560	0,000	-0,185	20,390
Element 3-44 (Embedded beam row)	14037	2	18,200	-11,741	-430,741	-8,078	-2,784	0,193	1,529	53,846	0,004	-430,741	0,000	-8,078	0,000	-2,784	18,811
(palo 1500)	14038	3	18,200	-12,053	-432,058	-7,604	-5,235	0,435	1,503	53,846	0,008	-432,058	0,000	-7,604	0,000	-5,235	17,239
	14039	4	18,200	-12,366	-433,300	-7,137	-7,538	0,683	1,485	53,846	0,013	-433,300	0,000	-7,137	0,000	-7,538	15,697
	14040	5	18,200	-12,678	-434,464	-6,676	-9,696	0,935	1,474	53,846	0,017	-434,464	0,000	-6,676	0,000	-9,696	14,204
EmbeddedBeamRow_2_1	14040	1	18,200	-12,678	-434,460	-6,671	-9,696	1,402	2,211	53,846	0,026	-434,460	0,000	-6,671	0,000	-9,696	14,204
Element 3-45 (Embedded beam row)	14041	2	18,200	-12,978	-435,352	-6,065	-11,601	1,738	1,880	53,846	0,032	-435,352	0,000	-6,065	0,000	-11,601	12,857
(palo 1500)	14042	3	18,200	-13,277	-436,134	-5,546	-13,338	2,099	1,578	53,846	0,039	-436,134	0,000	-5,546	0,000	-13,338	11,601
	14043	4	18,200	-13,577	-436,805	-5,113	-14,933	2,481	1,308	53,846	0,046	-436,805	0,000	-5,113	0,000	-14,933	10,423
	14044	5	18,200	-13,876	-437,363	-4,764	-16,410	2,880	1,065	53,846	0,053	-437,363	0,000	-4,764	0,000	-16,410	9,313
EmbeddedBeamRow_2_1	14044	1	18,200	-13,876	-437,359	-4,757	-16,410	2,880	1,065	53,846	0,053	-437,359	0,000	-4,757	0,000	-16,410	9,313
Element 3-46 (Embedded beam row)	14045	2	18,200	-14,179	-437,798	-4,473	-17,806	3,301	0,846	53,846	0,061	-437,798	0,000	-4,473	0,000	-17,806	8,249
(palo 1500)	14046	3	18,200	-14,482	-438,104	-4,245	-19,125	3,737	0,655	53,846	0,069	-438,104	0,000	-4,245	0,000	-19,125	7,235
	14047	4	18,200	-14,785	-438,276	-4,070	-20,384	4,189	0,490	53,846	0,078	-438,276	0,000	-4,070	0,000	-20,384	6,263
	14048	5	18,200	-15,088	-438,312	-3,948	-21,597	4,653	0,351	53,846	0,086	-438,312	0,000	-3,948	0,000	-21,597	5,330
EmbeddedBeamRow_2_1	14048	1	18,200	-15,088	-438,309	-3,942	-21,597	4,653	0,351	53,846	0,086	-438,309	0,000	-3,942	0,000	-21,597	5,330
Element 3-47 (Embedded beam row)	14049	2	18,200	-15,395	-438,200	-3,857	-22,791	5,136	0,235	53,846	0,095	-438,200	0,000	-3,857	0,000	-22,791	4,418
(palo 1500)	14050	3	18,200	-15,701	-437,938	-3,798	-23,964	5,631	0,145	53,846	0,105	-437,938	0,000	-3,798	0,000	-23,964	3,534
	14051	4	18,200	-16,008	-437,523	-3,764	-25,122	6,137	0,078	53,846	0,114	-437,523	0,000	-3,764	0,000	-25,122	2,677
	14052	5	18,200	-16,314	-436,955	-3,751	-26,273	6,653	0,035	53,846	0,124	-436,955	0,000	-3,751	0,000	-26,273	1,843
EmbeddedBeamRow_2_1	14052	1	18,200	-16,314	-436,952	-3,745	-26,273	6,653	0,035	53,846	0,124	-436,952	0,000	-3,745	0,000	-26,273	1,843
Element 3-48 (Embedded beam row)	14053	2	18,200	-16,624	-436,214	-3,742	-27,433	7,185	0,015	53,846	0,133	-436,214	0,000	-3,742	0,000	-27,433	1,022
(palo 1500)	14054	3	18,200	-16,934	-435,307	-3,737	-28,593	7,727	0,016	53,846	0,144	-435,307	0,000	-3,737	0,000	-28,593	0,222
	14055	4	18,200	-17,244	-434,230	-3,727	-29,750	8,280	0,040	53,846	0,154	-434,230	0,000	-3,727	0,000	-29,750	0,000
	14056	5	18,200	-17,554	-432,984	-3,713	-30,903	8,842	0,085	53,846	0,164	-432,984	0,000	-3,713	0,000	-30,903	0,000
EmbeddedBeamRow_2_1	14056	1	18,200	-17,554	-432,981	-3,707	-30,903	8,842	0,085	53,846	0,164	-432,981	0,000	-3,707	0,000	-30,903	0,000
Element 3-49 (Embedded beam row)	14057	2	18,200	-17,868	-431,541	-3,674	-32,061	9,419	0,153	53,846	0,175	-431,541	0,000	-3,674	0,000	-32,061	0,000
(palo 1500)	14058	3	18,200	-18,181	-429,916	-3,612	-33,204	10,004	0,241	53,846	0,186	-429,916	0,000	-3,612	0,000	-33,204	0,000
	14059	4	18,200	-18,495	-428,107	-3,518	-34,323	10,596	0,353	53,846	0,197	-428,107	0,000	-3,518	0,000	-34,323	0,000
	14060	5	18,200	-18,808	-426,114	-3,391	-35,407	11,194	0,486	53,846	0,208	-426,114	0,000	-3,391	0,000	-35,407	0,000
EmbeddedBeamRow_2_1	14060	1	18,200	-18,808	-426,110	-3,387	-35,407	11,194	0,486	53,846	0,208	-426,110	0,000	-3,387	0,000	-35,407	0,000
Element 3-50 (Embedded beam row)	14061	2	18,200	-19,125	-423,905	-3,209	-36,454	11,800	0,650	53,846	0,219	-423,905	0,000	-3,209	0,000	-36,454	0,000
(palo 1500)	14062	3	18,200	-19,442	-421,501	-2,975	-37,436	12,416	0,828	53,846	0,231	-421,501	0,000	-2,975	0,000	-37,436	0,000

Structural element	Node [10⁻³]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T₁₁ [kN/m/m]	T₂₂ [kN/m/m]	T₁₂ [kN/m/m]	T₂₁ [kN/m/m]	N₁₁ [kN/m]	N₂₂ [kN/m]	Q₁₃ [kN/m]	Q₂₃ [kN/m]	M₁₁ [kN m/m]	M₂₂ [kN m/m]
	14063	4	18,200	-19,760	-418,899	-2,684	-38,335	13,047	1,006	53,846	0,242	-418,899	0,000	-2,684	0,000	-38,335	0,000
	14064	5	18,200	-20,077	-416,101	-2,337	-39,133	13,694	1,179	53,846	0,254	-416,101	0,000	-2,364	0,000	-39,133	0,000
EmbeddedBeamRow_2_1	14064	1	18,200	-20,077	-416,094	-2,337	-39,133	13,694	1,179	53,846	0,254	-416,094	0,000	-2,362	0,000	-39,133	0,000
Element 3-51 (Embedded beam row)	14065	2	18,200	-20,398	-413,054	-1,933	-39,819	14,364	1,342	53,846	0,267	-413,054	0,000	-2,030	0,000	-39,819	0,000
(palo 1500)	14066	3	18,200	-20,718	-409,788	-1,476	-40,367	15,055	1,505	53,846	0,280	-409,788	0,000	-1,640	0,000	-40,367	0,000
	14067	4	18,200	-21,039	-406,295	-0,967	-40,760	15,770	1,668	53,846	0,293	-406,295	0,000	-1,279	0,000	-40,760	0,000
	14068	5	18,200	-21,360	-402,579	-0,406	-40,982	16,500	1,812	53,846	0,306	-402,579	0,000	-1,029	0,000	-40,982	0,000
EmbeddedBeamRow_2_1	14068	1	18,200	-21,360	-402,573	-0,411	-40,982	16,500	1,812	53,846	0,306	-402,573	0,000	-1,028	0,000	-40,982	0,000
Element 3-52 (Embedded beam row)	14069	2	18,200	-21,684	-398,573	0,202	-41,017	17,250	1,933	53,846	0,320	-398,573	0,000	-0,851	0,202	-41,017	0,000
(palo 1500)	14070	3	18,200	-22,009	-394,320	0,844	-40,847	18,013	2,029	53,846	0,335	-394,320	0,000	-0,657	0,844	-40,847	0,000
	14071	4	18,200	-22,333	-389,819	1,513	-40,466	18,790	2,097	53,846	0,349	-389,819	0,000	-0,447	1,513	-40,466	0,000
	14072	5	18,200	-22,658	-385,069	2,206	-39,863	19,582	2,142	53,846	0,364	-385,069	0,000	-0,222	2,206	-39,863	0,000
EmbeddedBeamRow_2_1	14072	1	18,200	-22,658	-385,062	2,199	-39,863	19,582	2,142	53,846	0,364	-385,062	0,000	-0,224	2,199	-39,863	0,000
Element 3-53 (Embedded beam row)	14073	2	18,200	-22,986	-379,995	2,911	-39,025	20,402	2,163	53,846	0,379	-379,995	0,000	0,000	2,911	-39,025	0,000
(palo 1500)	14074	3	18,200	-23,314	-374,647	3,619	-37,953	21,239	2,155	53,846	0,394	-374,647	0,000	0,000	3,619	-37,953	0,000
	14075	4	18,200	-23,642	-369,020	4,320	-36,650	22,098	2,120	53,846	0,410	-369,020	0,000	0,000	4,320	-36,650	0,000
	14076	5	18,200	-23,971	-363,118	5,011	-35,118	22,980	2,056	53,846	0,427	-363,118	0,000	0,000	5,011	-35,118	0,000
EmbeddedBeamRow_2_1	14076	1	18,200	-23,971	-363,108	5,002	-35,118	22,980	2,056	53,846	0,427	-363,108	0,000	0,000	5,002	-35,118	0,000
Element 3-54 (Embedded beam row)	14077	2	18,200	-24,302	-356,841	5,677	-33,345	23,896	1,958	53,846	0,444	-356,841	0,000	0,000	5,677	-33,345	0,000
(palo 1500)	14078	3	18,200	-24,634	-350,253	6,303	-31,354	24,841	1,821	53,846	0,461	-350,253	0,000	0,000	6,303	-31,354	0,000
	14079	4	18,200	-24,966	-343,347	6,876	-29,165	25,816	1,639	53,846	0,479	-343,347	0,000	0,000	6,876	-29,165	0,000
	14080	5	18,200	-25,298	-336,124	7,393	-26,796	26,816	1,408	53,846	0,498	-336,124	0,000	0,000	7,393	-26,796	0,000
EmbeddedBeamRow_2_1	14080	1	18,200	-25,298	-336,116	7,377	-26,796	26,816	1,408	53,846	0,498	-336,116	0,000	0,000	7,377	-26,796	0,000
Element 3-55 (Embedded beam row)	14081	2	18,200	-25,634	-328,465	7,815	-24,242	27,851	1,112	53,846	0,517	-328,465	0,000	0,000	7,815	-24,242	0,000
(palo 1500)	14082	3	18,200	-25,970	-320,457	8,125	-21,562	28,899	0,751	53,846	0,537	-320,457	0,000	0,000	8,125	-21,562	0,000
	14083	4	18,200	-26,306	-312,099	8,302	-18,800	29,938	0,316	53,846	0,556	-312,099	0,000	0,000	8,302	-18,800	0,000
	14084	5	18,200	-26,641	-303,397	8,340	-16,002	30,953	-0,185	53,846	0,575	-303,397	0,000	0,000	8,340	-16,002	0,000
EmbeddedBeamRow_2_1	14084	1	18,200	-26,641	-303,419	8,325	-16,002	30,953	-0,185	53,846	0,575	-303,419	0,000	0,000	8,325	-16,002	0,000
Element 3-56 (Embedded beam row)	14085	2	18,200	-26,981	-294,248	8,172	-13,195	31,916	-0,760	53,846	0,593	-294,248	0,000	0,000	8,172	-13,195	0,000
(palo 1500)	14086	3	18,200	-27,321	-284,813	7,809	-10,475	32,731	-1,374	53,846	0,608	-284,813	0,000	0,000	7,809	-10,475	0,000
	14087	4	18,200	-27,660	-275,138	7,235	-7,913	33,336	-2,005	53,846	0,619	-275,138	0,000	0,000	7,235	-7,913	0,000
	14088	5	18,200	-28,000	-265,243	6,448	-5,584	33,658	-2,629	53,846	0,625	-265,243	0,000	0,000	6,448	-5,584	0,000
EmbeddedBeamRow_2_1	14088	1	18,200	-28,000	-265,387	6,457	-5,584	33,658	-2,629	53,846	0,625	-265,387	0,000	0,000	6,457	-5,584	0,000
Element 3-57 (Embedded beam row)	14089	2	18,200	-28,403	-253,452	5,214	-3,225	33,820	-3,465	53,846	0,628	-253,452	0,000	0,000	5,214	-3,225	0,000
(palo 1500)	14090	3	18,200	-28,805	-241,777	3,658	-1,430	33,452	-4,326	53,846	0,621	-241,777	0,000	0,000	3,658	-1,430	0,000
	14091	4	18,200	-29,207	-230,463	1,818	-0,317	32,026	-4,877	53,846	0,595	-230,463	0,000	0,000	1,818	-0,317	0,000

Structural element	Node [10 ˚]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T··· [kN/m/m]	T---·--- [kN/m/m]	T---·-··	N ··· [kN/m]	N --- [kN/m]	Q ··· [kN/m]	Q --- [kN/m]	M ··· [kN m/m]	M --- [kN m/m]
	14092	5	18,200	-29,610	-219,611	-0,278	0,000	29,309	-3,310	53,846	0,544	-219,611	0,000	-0,278	0,000	0,000	0,000

3.3.2.1.9 Calculation results, Embedded beam row, Versante + SISMA [Phase_12] (11/39), Table of embedded pile row force envelopes

Structural element	Node [10 ˚]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T--- [kN/m/m]	T---,--- [kN/m/m]	T---,---	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
EmbeddedBeamRow_1_1	13862	1	10,400	-5,610	-489,876	-34,926	165,878	0,000	0,000	53,846	0,000	-500,893	0,000	-34,926	0,000	0,000	165,878
Element 1-1 (Embedded beam row)	13863	2	10,400	-5,894	-491,166	-34,927	155,976	-0,105	0,133	53,846	0,002	-502,183	0,000	-34,927	0,000	0,000	155,976
(palo 1500)	13864	3	10,400	-6,177	-492,505	-34,852	146,079	-0,275	0,379	53,846	0,005	-503,521	0,000	-34,852	0,000	0,000	146,079
	13865	4	10,400	-6,461	-493,892	-34,700	136,215	-0,444	0,687	53,846	0,008	-504,904	0,000	-34,700	0,000	0,000	136,215
	13866	5	10,400	-6,744	-495,326	-34,464	126,410	-0,530	1,057	53,846	0,010	-506,331	0,000	-34,464	0,000	0,000	126,410
EmbeddedBeamRow_1_1	13866	1	10,400	-6,744	-495,315	-34,453	126,410	-2,121	4,228	53,846	0,039	-506,321	0,000	-34,453	0,000	0,000	126,410
Element 1-2 (Embedded beam row)	13867	2	10,400	-7,057	-497,437	-33,202	115,844	-2,356	3,821	53,846	0,044	-508,403	0,000	-33,202	0,000	0,000	115,844
(palo 1500)	13868	3	10,400	-7,369	-499,619	-32,066	105,646	-2,546	3,441	53,846	0,047	-510,537	0,000	-32,066	0,000	0,000	105,646
	13869	4	10,400	-7,682	-501,859	-31,042	95,786	-2,729	3,101	53,846	0,051	-512,720	0,000	-31,042	0,000	0,000	95,786
	13870	5	10,400	-7,994	-504,156	-30,129	86,233	-2,918	2,872	53,846	0,054	-514,950	0,000	-30,129	0,000	-0,203	86,233
EmbeddedBeamRow_1_1	13870	1	10,400	-7,994	-504,150	-30,108	86,233	-2,918	2,872	53,846	0,054	-514,944	0,000	-30,108	0,000	-0,203	86,233
Element 1-3 (Embedded beam row)	13871	2	10,400	-8,307	-506,509	-29,255	76,961	-3,049	2,680	53,846	0,057	-517,225	0,000	-29,255	0,000	-1,280	76,961
(palo 1500)	13872	3	10,400	-8,619	-508,889	-28,434	67,946	-3,127	2,565	53,846	0,058	-519,518	0,000	-28,434	0,000	-2,242	67,946
	13873	4	10,400	-8,932	-511,285	-27,640	59,183	-3,150	2,501	53,846	0,059	-521,819	0,000	-27,640	0,000	-3,088	59,183
	13874	5	10,400	-9,244	-513,691	-26,872	50,668	-3,121	2,489	53,846	0,058	-524,122	0,000	-26,872	0,000	-3,817	50,668
EmbeddedBeamRow_1_1	13874	1	10,400	-9,244	-513,679	-26,859	50,668	-3,121	2,489	53,846	0,058	-524,110	0,000	-26,859	0,000	-3,817	50,668
Element 1-4 (Embedded beam row)	13875	2	10,400	-9,557	-516,067	-26,086	42,396	-3,041	2,520	53,846	0,056	-526,390	0,000	-26,086	0,000	-4,435	42,396
(palo 1500)	13876	3	10,400	-9,869	-518,412	-25,285	34,367	-2,912	2,598	53,846	0,054	-528,622	0,000	-25,285	0,000	-4,946	34,367
	13877	4	10,400	-10,182	-520,709	-24,452	26,593	-2,732	2,724	53,846	0,051	-530,801	0,000	-24,452	0,000	-5,357	26,593
	13878	5	10,400	-10,494	-522,952	-23,584	19,088	-2,504	2,892	53,846	0,047	-532,922	0,000	-23,584	0,000	-5,676	22,455
EmbeddedBeamRow_1_1	13878	1	10,400	-10,494	-522,941	-23,571	19,088	-2,504	2,892	53,846	0,047	-532,911	0,000	-23,571	0,000	-5,676	22,455
Element 1-5 (Embedded beam row)	13879	2	10,400	-10,807	-525,105	-22,644	11,866	-2,227	3,115	53,846	0,041	-534,951	0,000	-22,644	0,000	-5,914	19,099
(palo 1500)	13880	3	10,400	-11,119	-527,165	-21,626	4,945	-1,906	3,382	53,846	0,035	-536,885	0,000	-21,626	0,000	-6,079	15,920
	13881	4	10,400	-11,432	-529,118	-20,515	-1,643	-1,534	3,719	53,846	0,028	-538,711	0,000	-20,515	0,000	-6,186	12,926
	13882	5	10,400	-11,744	-530,957	-19,304	-7,866	-1,085	4,126	53,846	0,020	-540,422	0,000	-19,304	0,000	-7,866	10,128
EmbeddedBeamRow_1_1	13882	1	10,400	-11,744	-530,946	-19,298	-7,866	-1,628	6,189	53,846	0,030	-540,411	0,000	-19,298	0,000	-7,866	10,128
Element 1-6 (Embedded beam row)	13883	2	10,400	-12,038	-532,664	-17,499	-13,261	-0,999	6,042	53,846	0,019	-541,955	0,000	-17,499	0,022	-13,261	7,730
(palo 1500)	13884	3	10,400	-12,331	-534,191	-15,753	-18,138	-0,348	5,861	53,846	0,006	-543,308	0,000	-15,753	0,166	-18,138	5,593
	13885	4	10,400	-12,624	-535,524	-14,065	-22,512	0,318	5,654	53,846	0,006	-544,468	0,000	-14,065	0,303	-22,512	3,705
	13886	5	10,400	-12,918	-536,663	-12,436	-26,396	0,995	5,426	53,846	0,018	-545,435	0,000	-12,436	0,431	-26,396	2,055
EmbeddedBeamRow_1_1	13886	1	10,400	-12,918	-536,661	-12,439	-26,396	0,995	5,426	53,846	0,018	-545,433	0,000	-12,439	0,431	-26,396	2,055
Element 1-7 (Embedded beam row)	13887	2	10,400	-13,214	-537,607	-10,866	-29,848	1,692	5,180	53,846	0,031	-546,207	0,000	-10,866	0,550	-29,848	0,617

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- [kN/m/m]	T---	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
(palo 1500)	13888	3	10,400	-13,510	-538,344	-9,368	-32,846	2,398	4,923	53,846	0,045	-546,772	0,000	-9,368	0,659	-32,846	0,000
	13889	4	10,400	-13,807	-538,871	-7,948	-35,411	3,111	4,659	53,846	0,058	-547,129	0,000	-7,948	0,756	-35,411	0,000
	13890	5	10,400	-14,103	-539,186	-6,606	-37,566	3,829	4,391	53,846	0,071	-547,276	0,000	-6,606	0,842	-37,566	0,000
EmbeddedBeamRow_1_1	13890	1	10,400	-14,103	-539,185	-6,606	-37,566	3,829	4,391	53,846	0,071	-547,275	0,000	-6,606	0,843	-37,566	0,000
Element 1-8 (Embedded beam row)	13891	2	10,400	-14,403	-539,287	-5,332	-39,352	4,560	4,120	53,846	0,085	-547,209	0,000	-5,332	0,918	-39,352	0,000
(palo 1500)	13892	3	10,400	-14,702	-539,168	-4,138	-40,768	5,293	3,850	53,846	0,098	-546,924	0,000	-4,138	0,983	-40,768	0,000
	13893	4	10,400	-15,002	-538,830	-3,024	-41,840	6,028	3,582	53,846	0,112	-546,422	0,000	-3,024	1,038	-41,840	0,000
	13894	5	10,400	-15,302	-538,271	-1,992	-42,589	6,764	3,320	53,846	0,126	-545,703	0,000	-1,992	1,081	-42,589	0,000
EmbeddedBeamRow_1_1	13894	1	10,400	-15,302	-538,271	-1,990	-42,589	6,764	3,320	53,846	0,126	-545,703	0,000	-1,990	1,082	-42,589	0,000
Element 1-9 (Embedded beam row)	13895	2	10,400	-15,604	-537,483	-1,026	-43,043	7,508	3,061	53,846	0,139	-544,754	0,000	-1,026	1,116	-43,043	0,000
(palo 1500)	13896	3	10,400	-15,907	-536,469	-0,137	-43,217	8,252	2,809	53,846	0,153	-543,583	0,000	-0,137	1,140	-43,217	0,000
	13897	4	10,400	-16,210	-535,230	0,676	-43,134	8,993	2,565	53,846	0,167	-542,189	0,000	0,000	1,156	-43,134	0,000
	13898	5	10,400	-16,512	-533,767	1,415	-42,816	9,733	2,330	53,846	0,181	-540,575	0,000	0,000	1,434	-42,816	0,000
EmbeddedBeamRow_1_1	13898	1	10,400	-16,512	-533,767	1,418	-42,816	9,733	2,330	53,846	0,181	-540,574	0,000	0,000	1,437	-42,816	0,000
Element 1-10 (Embedded beam row)	13899	2	10,400	-16,818	-532,062	2,093	-42,277	10,479	2,101	53,846	0,195	-538,719	0,000	0,000	2,094	-42,277	0,000
(palo 1500)	13900	3	10,400	-17,124	-530,129	2,703	-41,542	11,222	1,883	53,846	0,208	-536,637	0,000	0,000	2,703	-41,542	0,000
	13901	4	10,400	-17,430	-527,969	3,248	-40,630	11,962	1,675	53,846	0,222	-534,332	0,000	0,000	3,248	-40,630	0,000
	13902	5	10,400	-17,736	-525,583	3,727	-39,561	12,701	1,477	53,846	0,236	-531,804	0,000	0,000	3,727	-39,561	0,000
EmbeddedBeamRow_1_1	13902	1	10,400	-17,736	-525,582	3,730	-39,561	12,701	1,477	53,846	0,236	-531,803	0,000	0,000	3,730	-39,561	0,000
Element 1-11 (Embedded beam row)	13903	2	10,400	-18,045	-522,943	4,155	-38,342	13,444	1,287	53,846	0,250	-529,022	0,000	0,000	4,155	-38,342	0,000
(palo 1500)	13904	3	10,400	-18,354	-520,072	4,525	-36,998	14,186	1,106	53,846	0,263	-526,013	0,000	0,000	4,525	-36,998	0,000
	13905	4	10,400	-18,663	-516,973	4,841	-35,549	14,926	0,935	53,846	0,277	-522,778	0,000	0,000	4,841	-35,549	0,121
	13906	5	10,400	-18,973	-513,646	5,103	-34,011	15,665	0,773	53,846	0,291	-519,318	0,000	0,000	5,103	-34,011	0,817
EmbeddedBeamRow_1_1	13906	1	10,400	-18,973	-513,645	5,105	-34,011	15,665	0,773	53,846	0,291	-519,316	0,000	0,000	5,105	-34,011	0,817
Element 1-12 (Embedded beam row)	13907	2	10,400	-19,285	-510,052	5,321	-32,382	16,411	0,617	53,846	0,305	-515,591	0,000	0,000	5,321	-32,382	1,534
(palo 1500)	13908	3	10,400	-19,597	-506,224	5,490	-30,692	17,157	0,467	53,846	0,319	-511,633	0,000	0,000	5,490	-30,692	2,256
	13909	4	10,400	-19,910	-502,163	5,614	-28,956	17,902	0,324	53,846	0,332	-507,444	0,000	0,000	5,614	-28,956	2,976
	13910	5	10,400	-20,222	-497,871	5,692	-27,189	18,649	0,186	53,846	0,346	-503,027	0,000	0,000	5,692	-27,189	3,686
EmbeddedBeamRow_1_1	13910	1	10,400	-20,222	-497,869	5,694	-27,189	18,649	0,186	53,846	0,346	-503,024	0,000	0,000	5,694	-27,189	3,686
Element 1-13 (Embedded beam row)	13911	2	10,400	-20,538	-493,296	5,730	-25,386	19,405	0,050	53,846	0,360	-498,327	0,000	0,000	5,730	-25,386	4,387
(palo 1500)	13912	3	10,400	-20,853	-488,480	5,725	-23,576	20,165	-0,081	53,846	0,374	-493,388	0,000	0,000	5,725	-23,576	5,065
	13913	4	10,400	-21,169	-483,423	5,679	-21,775	20,929	-0,211	53,846	0,389	-488,210	0,000	0,000	5,679	-21,775	5,713
	13914	5	10,400	-21,485	-478,129	5,592	-19,995	21,698	-0,339	53,846	0,403	-482,797	0,000	0,000	5,592	-19,995	6,325
EmbeddedBeamRow_1_1	13914	1	10,400	-21,485	-478,124	5,594	-19,995	21,698	-0,339	53,846	0,403	-482,792	0,000	0,000	5,594	-19,995	6,325
Element 1-14 (Embedded beam row)	13915	2	10,400	-21,804	-472,529	5,463	-18,231	22,481	-0,463	53,846	0,417	-477,078	0,000	0,000	5,463	-18,231	6,899
(palo 1500)	13916	3	10,400	-22,123	-466,675	5,298	-16,514	23,273	-0,574	53,846	0,432	-471,108	0,000	0,000	5,298	-16,514	7,424

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
	13917	4	10,400	-22,442	-460,567	5,101	-14,854	24,078	-0,669	53,846	0,447	-464,884	0,000	0,000	5,101	-14,854	7,891
	13918	5	10,400	-22,761	-454,207	4,871	-13,263	24,895	-0,750	53,846	0,462	-458,412	0,000	0,000	4,871	-13,263	8,295
EmbeddedBeamRow_1_1	13918	1	10,400	-22,761	-454,199	4,875	-13,263	24,895	-0,750	53,846	0,462	-458,404	0,000	0,000	4,875	-13,263	8,295
Element 1-15 (Embedded beam row)	13919	2	10,400	-23,083	-447,507	4,619	-11,733	25,736	-0,823	53,846	0,478	-451,599	0,000	0,000	4,619	-11,733	8,633
(palo 1500)	13920	3	10,400	-23,405	-440,531	4,344	-10,287	26,599	-0,885	53,846	0,494	-444,511	0,000	0,000	4,344	-10,287	8,892
	13921	4	10,400	-23,728	-433,273	4,050	-8,934	27,483	-0,938	53,846	0,510	-437,143	0,000	-0,017	4,050	-8,934	9,066
	13922	5	10,400	-24,050	-425,737	3,739	-7,678	28,387	-0,984	53,846	0,527	-429,499	0,000	-0,072	3,739	-7,678	9,149
EmbeddedBeamRow_1_1	13922	1	10,400	-24,050	-425,727	3,741	-7,678	28,387	-0,984	53,846	0,527	-429,490	0,000	-0,072	3,741	-7,678	9,149
Element 1-16 (Embedded beam row)	13923	2	10,400	-24,376	-417,813	3,412	-6,513	29,320	-1,024	53,846	0,545	-421,468	0,000	-0,207	3,412	-6,513	9,134
(palo 1500)	13924	3	10,400	-24,701	-409,581	3,074	-5,456	30,272	-1,057	53,846	0,562	-413,130	0,000	-0,539	3,074	-5,456	9,013
	13925	4	10,400	-25,027	-401,036	2,725	-4,511	31,243	-1,083	53,846	0,580	-404,481	0,000	-0,883	2,725	-4,511	8,782
	13926	5	10,400	-25,353	-392,182	2,368	-3,682	32,234	-1,095	53,846	0,599	-395,524	0,000	-1,239	2,368	-3,682	8,436
EmbeddedBeamRow_1_1	13926	1	10,400	-25,353	-392,172	2,376	-3,682	32,234	-1,095	53,846	0,599	-395,514	0,000	-1,230	2,376	-3,682	8,436
Element 1-17 (Embedded beam row)	13927	2	10,400	-25,682	-382,896	2,005	-2,961	33,245	-1,097	53,846	0,617	-386,135	0,000	-1,583	2,005	-2,961	7,973
(palo 1500)	13928	3	10,400	-26,011	-373,272	1,652	-2,360	34,278	-1,057	53,846	0,637	-376,410	0,000	-1,906	1,652	-2,360	7,398
	13929	4	10,400	-26,340	-363,306	1,319	-1,871	35,319	-0,977	53,846	0,656	-366,344	0,000	-2,196	1,319	-1,871	6,721
	13930	5	10,400	-26,670	-353,006	1,008	-1,489	36,345	-0,839	53,846	0,675	-355,944	0,000	-2,449	1,008	-1,489	5,956
EmbeddedBeamRow_1_1	13930	1	10,400	-26,670	-353,018	1,018	-1,489	36,345	-0,839	53,846	0,675	-355,956	0,000	-2,432	1,018	-1,489	5,956
Element 1-18 (Embedded beam row)	13931	2	10,400	-27,002	-342,248	0,765	-1,194	37,349	-0,655	53,846	0,694	-345,086	0,000	-2,627	0,765	-1,194	5,112
(palo 1500)	13932	3	10,400	-27,335	-331,183	0,584	-0,972	38,261	-0,422	53,846	0,711	-333,920	0,000	-2,720	0,584	-0,972	4,220
	13933	4	10,400	-27,667	-319,845	0,471	-0,798	38,997	-0,246	53,846	0,724	-322,479	0,000	-2,708	0,471	-0,798	3,314
	13934	5	10,400	-28,000	-308,253	0,422	-0,651	39,410	-0,195	53,846	0,732	-310,783	0,000	-2,590	0,422	-0,651	2,430
EmbeddedBeamRow_1_1	13934	1	10,400	-28,000	-308,384	0,363	-0,651	39,410	-0,195	53,846	0,732	-310,915	0,000	-2,594	0,363	-0,651	2,430
Element 1-19 (Embedded beam row)	13935	2	10,400	-28,403	-294,176	0,418	-0,497	39,476	0,087	53,846	0,733	-296,581	0,000	-2,239	0,418	-0,497	1,448
(palo 1500)	13936	3	10,400	-28,805	-280,220	0,468	-0,313	39,136	0,370	53,846	0,727	-282,500	0,000	-1,643	0,468	-0,313	0,661
	13937	4	10,400	-29,207	-266,619	0,423	-0,133	37,705	-0,387	53,846	0,700	-268,778	0,000	-0,847	0,423	-0,133	0,152
	13938	5	10,400	-29,610	-253,481	0,191	0,000	33,844	-2,318	53,846	0,629	-255,523	0,000	0,000	0,192	0,000	0,000
EmbeddedBeamRow_3_1	13939	1	14,300	-5,610	-381,124	-28,516	128,537	0,000	0,000	53,846	0,000	-385,654	0,000	-28,516	0,000	0,000	128,537
Element 2-20 (Embedded beam row)	13940	2	14,300	-6,010	-382,944	-28,424	117,139	-0,026	0,366	53,846	0,000	-387,475	0,000	-28,424	0,000	0,000	117,139
(palo 1500)	13941	3	14,300	-6,411	-384,772	-28,221	105,796	-0,043	0,660	53,846	0,001	-389,304	0,000	-28,221	0,000	0,000	105,796
	13942	4	14,300	-6,811	-386,604	-27,913	94,554	-0,050	0,892	53,846	0,001	-391,137	0,000	-27,913	0,000	0,000	94,554
	13943	5	14,300	-7,211	-388,440	-27,505	83,462	-0,049	1,069	53,846	0,001	-392,973	0,000	-27,505	0,000	0,000	83,462
EmbeddedBeamRow_3_1	13943	1	14,300	-7,211	-388,439	-27,514	83,462	-0,195	4,275	53,846	0,004	-392,972	0,000	-27,514	0,000	0,000	83,462
Element 2-21 (Embedded beam row)	13944	2	14,300	-7,524	-389,926	-26,203	75,072	-0,265	4,119	53,846	0,005	-394,456	0,000	-26,203	0,000	0,000	75,072
(palo 1500)	13945	3	14,300	-7,836	-391,436	-24,940	67,081	-0,337	3,967	53,846	0,006	-395,959	0,000	-24,940	0,000	0,000	67,081
	13946	4	14,300	-8,149	-392,969	-23,724	59,476	-0,409	3,810	53,846	0,008	-397,478	0,000	-23,724	0,000	0,000	59,476

Structural element	Node [10⁻³]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T,,,, [kN/m/m]	T,,, [kN/m/m]	T,,,,,,, [kN/m/m]	T,,,,,,,	N,,, [kN/m]	N,,, [kN/m]	Q,,, [kN/m]	Q,,, [kN/m]	M,,, [kN m/m]	M,,, [kN m/m]
	13947	5	14,300	-8,461	-394,524	-22,559	52,248	-0,477	3,650	53,846	0,009	-399,014	0,000	-22,559	0,000	0,000	52,248
EmbeddedBeamRow_3_1	13947	1	14,300	-8,461	-394,523	-22,557	52,248	-0,477	3,650	53,846	0,009	-399,013	0,000	-22,557	0,000	0,000	52,248
Element 2-22 (Embedded beam row)	13948	2	14,300	-8,774	-396,099	-21,444	45,375	-0,538	3,488	53,846	0,010	-400,566	0,000	-21,444	0,000	-0,135	45,375
(palo 1500)	13949	3	14,300	-9,086	-397,691	-20,378	38,840	-0,589	3,332	53,846	0,011	-402,130	0,000	-20,378	0,000	-0,333	38,840
	13950	4	14,300	-9,399	-399,297	-19,359	32,631	-0,629	3,185	53,846	0,012	-403,704	0,000	-19,359	0,000	-0,519	32,631
	13951	5	14,300	-9,711	-400,916	-18,388	26,736	-0,654	3,053	53,846	0,012	-405,287	0,000	-18,388	0,000	-0,697	27,924
EmbeddedBeamRow_3_1	13951	1	14,300	-9,711	-400,912	-18,383	26,736	-0,654	3,053	53,846	0,012	-405,283	0,000	-18,383	0,000	-0,697	27,924
Element 2-23 (Embedded beam row)	13952	2	14,300	-10,024	-402,537	-17,451	21,138	-0,662	2,938	53,846	0,012	-406,869	0,000	-17,451	0,000	-0,866	25,611
(palo 1500)	13953	3	14,300	-10,336	-404,158	-16,547	15,826	-0,649	2,842	53,846	0,012	-408,446	0,000	-16,547	0,000	-1,029	23,381
	13954	4	14,300	-10,649	-405,771	-15,670	10,791	-0,615	2,767	53,846	0,011	-410,014	0,000	-15,670	0,000	-1,185	21,235
	13955	5	14,300	-10,961	-407,374	-14,819	6,029	-0,557	2,712	53,846	0,010	-411,569	0,000	-14,819	0,000	-1,335	19,171
EmbeddedBeamRow_3_1	13955	1	14,300	-10,961	-407,368	-14,813	6,029	-0,557	2,712	53,846	0,010	-411,563	0,000	-14,813	0,000	-1,335	19,171
Element 2-24 (Embedded beam row)	13956	2	14,300	-11,274	-408,950	-13,976	1,532	-0,473	2,677	53,846	0,009	-413,095	0,000	-13,976	0,000	-1,479	17,194
(palo 1500)	13957	3	14,300	-11,586	-410,496	-13,141	-2,706	-0,361	2,661	53,846	0,007	-414,589	0,000	-13,141	0,000	-2,706	15,305
	13958	4	14,300	-11,899	-412,003	-12,308	-6,683	-0,221	2,663	53,846	0,004	-416,042	0,000	-12,308	0,000	-6,683	13,513
	13959	5	14,300	-12,211	-413,467	-11,477	-10,399	-0,051	2,673	53,846	0,001	-417,453	0,000	-11,477	0,000	-10,399	11,827
EmbeddedBeamRow_3_1	13959	1	14,300	-12,211	-413,460	-11,472	-10,399	-0,076	4,010	53,846	0,001	-417,446	0,000	-11,472	0,000	-10,399	11,827
Element 2-25 (Embedded beam row)	13960	2	14,300	-12,496	-414,746	-10,381	-13,509	0,148	3,689	53,846	0,003	-418,657	0,000	-10,381	0,000	-13,509	10,412
(palo 1500)	13961	3	14,300	-12,781	-415,959	-9,371	-16,322	0,398	3,396	53,846	0,007	-419,794	0,000	-9,371	0,000	-16,322	9,128
	13962	4	14,300	-13,066	-417,096	-8,441	-18,858	0,674	3,122	53,846	0,013	-420,855	0,000	-8,441	0,000	-18,858	7,965
	13963	5	14,300	-13,351	-418,157	-7,592	-21,140	0,973	2,867	53,846	0,018	-421,837	0,000	-7,592	0,000	-21,140	6,913
EmbeddedBeamRow_3_1	13963	1	14,300	-13,351	-418,152	-7,588	-21,140	0,973	2,867	53,846	0,018	-421,833	0,000	-7,588	0,000	-21,140	6,913
Element 2-26 (Embedded beam row)	13964	2	14,300	-13,639	-419,134	-6,801	-23,210	1,297	2,624	53,846	0,024	-422,735	0,000	-6,801	0,000	-23,210	5,951
(palo 1500)	13965	3	14,300	-13,927	-420,015	-6,077	-25,062	1,641	2,398	53,846	0,030	-423,536	0,000	-6,077	0,000	-25,062	5,081
	13966	4	14,300	-14,215	-420,794	-5,416	-26,716	2,005	2,187	53,846	0,037	-424,235	0,000	-5,416	0,000	-26,716	4,294
	13967	5	14,300	-14,503	-421,470	-4,818	-28,187	2,387	1,992	53,846	0,044	-424,830	0,000	-4,818	0,000	-28,187	3,584
EmbeddedBeamRow_3_1	13967	1	14,300	-14,503	-421,466	-4,814	-28,187	2,387	1,992	53,846	0,044	-424,826	0,000	-4,814	0,000	-28,187	3,584
Element 2-27 (Embedded beam row)	13968	2	14,300	-14,794	-422,034	-4,264	-29,507	2,790	1,808	53,846	0,052	-425,313	0,000	-4,264	0,000	-29,507	2,935
(palo 1500)	13969	3	14,300	-15,084	-422,479	-3,762	-30,674	3,209	1,640	53,846	0,060	-425,677	0,000	-3,762	0,012	-30,674	2,348
	13970	4	14,300	-15,375	-422,801	-3,307	-31,701	3,643	1,485	53,846	0,068	-425,918	0,000	-3,307	0,032	-31,701	1,817
	13971	5	14,300	-15,666	-422,996	-2,898	-32,603	4,091	1,345	53,846	0,076	-426,033	0,000	-2,898	0,049	-32,603	1,337
EmbeddedBeamRow_3_1	13971	1	14,300	-15,666	-422,993	-2,895	-32,603	4,091	1,345	53,846	0,076	-426,030	0,000	-2,895	0,049	-32,603	1,337
Element 2-28 (Embedded beam row)	13972	2	14,300	-15,960	-423,057	-2,521	-33,398	4,555	1,216	53,846	0,085	-426,014	0,000	-2,524	0,064	-33,398	0,896
(palo 1500)	13973	3	14,300	-16,254	-422,980	-2,180	-34,088	5,031	1,102	53,846	0,093	-425,957	0,000	-2,216	0,077	-34,088	0,495
	13974	4	14,300	-16,548	-422,761	-1,871	-34,683	5,518	1,000	53,846	0,102	-425,559	0,000	-1,944	0,088	-34,683	0,131
	13975	5	14,300	-16,842	-422,400	-1,592	-35,191	6,015	0,912	53,846	0,112	-425,120	0,000	-1,699	0,098	-35,191	0,000

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
EmbeddedBeamRow_3_1	13975	1	14,300	-16,842	-422,397	-1,589	-35,191	6,015	0,912	53,846	0,112	-425,117	0,000	-1,696	0,098	-35,191	0,000
Element 2-29 (Embedded beam row)	13976	2	14,300	-17,140	-421,882	-1,332	-35,625	6,525	0,836	53,846	0,121	-424,525	0,000	-1,470	0,106	-35,625	0,000
(palo 1500)	13977	3	14,300	-17,437	-421,213	-1,093	-35,985	7,044	0,773	53,846	0,131	-423,778	0,000	-1,257	0,113	-35,985	0,000
	13978	4	14,300	-17,734	-420,387	-0,870	-36,276	7,571	0,722	53,846	0,141	-422,878	0,000	-1,059	0,119	-36,276	0,000
	13979	5	14,300	-18,031	-419,407	-0,664	-36,503	8,104	0,684	53,846	0,151	-421,823	0,000	-0,874	0,124	-36,503	0,000
EmbeddedBeamRow_3_1	13979	1	14,300	-18,031	-419,405	-0,661	-36,503	8,104	0,684	53,846	0,151	-421,821	0,000	-0,871	0,124	-36,503	0,000
Element 2-30 (Embedded beam row)	13980	2	14,300	-18,331	-418,252	-0,462	-36,672	8,649	0,659	53,846	0,161	-420,594	0,000	-0,708	0,128	-36,672	0,000
(palo 1500)	13981	3	14,300	-18,631	-416,932	-0,266	-36,781	9,201	0,645	53,846	0,171	-419,202	0,000	-0,652	0,133	-36,781	0,000
	13982	4	14,300	-18,932	-415,446	-0,072	-36,832	9,758	0,644	53,846	0,181	-417,645	0,000	-0,600	0,137	-36,832	0,000
	13983	5	14,300	-19,232	-413,795	0,121	-36,824	10,320	0,654	53,846	0,192	-415,923	0,000	-0,551	0,141	-36,824	0,000
EmbeddedBeamRow_3_1	13983	1	14,300	-19,232	-413,793	0,124	-36,824	10,320	0,654	53,846	0,192	-415,921	0,000	-0,550	0,141	-36,824	0,000
Element 2-31 (Embedded beam row)	13984	2	14,300	-19,535	-411,951	0,323	-36,757	10,892	0,676	53,846	0,202	-414,011	0,000	-0,502	0,323	-36,757	0,000
(palo 1500)	13985	3	14,300	-19,839	-409,933	0,534	-36,627	11,469	0,709	53,846	0,213	-411,926	0,000	-0,454	0,534	-36,627	0,000
	13986	4	14,300	-20,142	-407,740	0,756	-36,432	12,050	0,752	53,846	0,224	-409,667	0,000	-0,404	0,756	-36,432	0,000
	13987	5	14,300	-20,445	-405,372	0,990	-36,167	12,634	0,805	53,846	0,235	-407,235	0,000	-0,354	0,990	-36,167	0,000
EmbeddedBeamRow_3_1	13987	1	14,300	-20,445	-405,370	0,992	-36,167	12,634	0,805	53,846	0,235	-407,233	0,000	-0,353	0,992	-36,167	0,000
Element 2-32 (Embedded beam row)	13988	2	14,300	-20,752	-402,796	1,247	-35,825	13,231	0,865	53,846	0,246	-404,597	0,000	-0,298	1,247	-35,825	0,000
(palo 1500)	13989	3	14,300	-21,059	-400,036	1,522	-35,400	13,829	0,933	53,846	0,257	-401,776	0,000	-0,240	1,522	-35,400	0,000
	13990	4	14,300	-21,365	-397,092	1,820	-34,889	14,431	1,006	53,846	0,268	-398,773	0,000	-0,176	1,820	-34,889	0,000
	13991	5	14,300	-21,672	-393,966	2,139	-34,282	15,042	1,080	53,846	0,279	-395,589	0,000	-0,108	2,139	-34,282	0,000
EmbeddedBeamRow_3_1	13991	1	14,300	-21,672	-393,962	2,138	-34,282	15,042	1,080	53,846	0,279	-395,584	0,000	-0,108	2,138	-34,282	0,000
Element 2-33 (Embedded beam row)	13992	2	14,300	-21,982	-390,613	2,486	-33,567	15,670	1,152	53,846	0,291	-392,179	0,000	-0,033	2,486	-33,567	0,000
(palo 1500)	13993	3	14,300	-22,291	-387,061	2,852	-32,740	16,313	1,215	53,846	0,303	-388,571	0,000	0,000	2,852	-32,740	0,000
	13994	4	14,300	-22,601	-383,307	3,236	-31,797	16,972	1,265	53,846	0,315	-384,763	0,000	0,000	3,236	-31,797	0,000
	13995	5	14,300	-22,911	-379,353	3,636	-30,733	17,651	1,298	53,846	0,328	-380,756	0,000	0,000	3,636	-30,733	0,000
EmbeddedBeamRow_3_1	13995	1	14,300	-22,911	-379,345	3,629	-30,733	17,651	1,298	53,846	0,328	-380,748	0,000	0,000	3,629	-30,733	0,000
Element 2-34 (Embedded beam row)	13996	2	14,300	-23,224	-375,134	4,045	-29,532	18,361	1,307	53,846	0,341	-376,485	0,000	0,000	4,045	-29,532	0,000
(palo 1500)	13997	3	14,300	-23,537	-370,688	4,449	-28,202	19,093	1,275	53,846	0,355	-371,986	0,000	0,000	4,449	-28,202	0,000
	13998	4	14,300	-23,850	-366,007	4,837	-26,747	19,861	1,210	53,846	0,369	-367,252	0,000	0,000	4,837	-26,747	0,000
	13999	5	14,300	-24,163	-361,091	5,207	-25,175	20,676	1,111	53,846	0,384	-362,285	0,000	0,000	5,207	-25,175	0,000
EmbeddedBeamRow_3_1	13999	1	14,300	-24,163	-361,074	5,198	-25,175	20,676	1,111	53,846	0,384	-362,269	0,000	0,000	5,198	-25,175	0,000
Element 2-35 (Embedded beam row)	14000	2	14,300	-24,480	-355,844	5,536	-23,476	21,556	0,976	53,846	0,400	-356,987	0,000	0,000	5,536	-23,476	0,000
(palo 1500)	14001	3	14,300	-24,796	-350,305	5,816	-21,678	22,501	0,802	53,846	0,418	-351,398	0,000	0,000	5,816	-21,678	0,000
	14002	4	14,300	-25,113	-344,455	6,035	-19,802	23,517	0,590	53,846	0,437	-345,502	0,000	0,000	6,035	-19,802	0,000
	14003	5	14,300	-25,429	-338,295	6,190	-17,866	24,608	0,340	53,846	0,457	-339,297	0,000	0,000	6,190	-17,866	0,000
EmbeddedBeamRow_3_1	14003	1	14,300	-25,429	-338,272	6,183	-17,866	24,608	0,340	53,846	0,457	-339,274	0,000	0,000	6,183	-17,866	0,000

Structural element	Node [10⁻³]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T-- [kN/m/m]	T-- [kN/m/m]	T--- [kN/m/m]	T---	N-- [kN/m]	N-- [kN/m]	Q-- [kN/m]	Q-- [kN/m]	M-- [kN m/m]	M-- [kN m/m]
Element 2-36 (Embedded beam row)	14004	2	14,300	-25,749	-331,684	6,251	-15,877	25,790	0,057	53,846	0,479	-332,644	0,000	0,000	6,251	-15,877	0,000
(palo 1500)	14005	3	14,300	-26,068	-324,683	6,220	-13,880	27,051	-0,248	53,846	0,502	-325,602	0,000	0,000	6,220	-13,880	0,000
	14006	4	14,300	-26,388	-317,268	6,089	-11,910	28,373	-0,568	53,846	0,527	-318,148	0,000	0,000	6,089	-11,910	0,000
	14007	5	14,300	-26,708	-309,441	5,857	-9,998	29,729	-0,885	53,846	0,552	-310,283	0,000	0,000	5,857	-9,998	0,000
EmbeddedBeamRow_3_1	14007	1	14,300	-26,708	-309,447	5,859	-9,998	29,729	-0,885	53,846	0,552	-310,290	0,000	0,000	5,859	-9,998	0,000
Element 2-37 (Embedded beam row)	14008	2	14,300	-27,031	-301,062	5,523	-8,157	31,113	-1,169	53,846	0,578	-301,864	0,000	0,000	5,523	-8,157	0,000
(palo 1500)	14009	3	14,300	-27,354	-292,269	5,103	-6,438	32,412	-1,433	53,846	0,602	-293,033	0,000	0,000	5,103	-6,438	0,065
	14010	4	14,300	-27,677	-283,088	4,604	-4,868	33,511	-1,667	53,846	0,622	-283,818	0,000	0,000	4,604	-4,868	0,159
	14011	5	14,300	-28,000	-273,541	4,026	-3,472	34,330	-1,921	53,846	0,638	-274,239	0,000	0,000	4,026	-3,472	0,202
EmbeddedBeamRow_3_1	14011	1	14,300	-28,000	-273,725	4,037	-3,472	34,330	-1,921	53,846	0,638	-274,423	0,000	0,000	4,037	-3,472	0,202
Element 2-38 (Embedded beam row)	14012	2	14,300	-28,403	-261,314	3,177	-2,017	35,158	-2,256	53,846	0,653	-261,975	0,000	-0,128	3,177	-2,017	0,189
(palo 1500)	14013	3	14,300	-28,805	-249,020	2,220	-0,928	35,294	-2,499	53,846	0,655	-249,645	0,000	-0,214	2,220	-0,928	0,116
	14014	4	14,300	-29,207	-236,989	1,168	-0,242	33,848	-2,731	53,846	0,629	-237,580	0,000	-0,167	1,168	-0,242	0,035
	14015	5	14,300	-29,610	-225,370	0,022	0,000	30,096	-3,139	53,846	0,559	-225,928	0,000	0,000	0,026	0,000	0,000
EmbeddedBeamRow_2_1	14016	1	18,200	-5,610	-398,846	-22,243	97,682	0,000	0,000	53,846	0,000	-398,846	0,000	-22,243	2,346	-3,703	97,682
Element 3-39 (Embedded beam row)	14017	2	18,200	-5,885	-400,089	-22,195	91,577	-0,020	0,318	53,846	0,000	-400,089	0,000	-22,195	2,327	-3,060	91,577
(palo 1500)	14018	3	18,200	-6,159	-401,346	-22,068	85,493	-0,055	0,613	53,846	0,001	-401,346	0,000	-22,068	2,279	-2,426	85,493
	14019	4	18,200	-6,434	-402,616	-21,864	79,455	-0,121	0,879	53,846	0,002	-402,616	0,000	-21,864	2,203	-1,810	79,455
	14020	5	18,200	-6,709	-403,901	-21,584	73,486	-0,212	1,080	53,846	0,004	-403,901	0,000	-21,584	2,099	-1,218	73,486
EmbeddedBeamRow_2_1	14020	1	18,200	-6,709	-403,903	-21,598	73,486	-0,212	1,080	53,846	0,004	-403,903	0,000	-21,598	2,108	-1,218	73,486
Element 3-40 (Embedded beam row)	14021	2	18,200	-6,951	-405,064	-21,312	68,288	-0,297	1,182	53,846	0,006	-405,064	0,000	-21,312	2,008	-0,720	68,288
(palo 1500)	14022	3	18,200	-7,194	-406,243	-21,024	63,158	-0,373	1,210	53,846	0,007	-406,243	0,000	-21,024	1,924	-0,244	63,158
	14023	4	18,200	-7,436	-407,438	-20,739	58,097	-0,431	1,159	53,846	0,008	-407,438	0,000	-20,739	1,858	0,000	58,097
	14024	5	18,200	-7,678	-408,648	-20,461	53,107	-0,459	1,018	53,846	0,009	-408,648	0,000	-20,461	1,811	0,000	53,107
EmbeddedBeamRow_2_1	14024	1	18,200	-7,678	-408,642	-20,467	53,107	-1,835	4,071	53,846	0,034	-408,642	0,000	-20,467	1,820	0,000	53,107
Element 3-41 (Embedded beam row)	14025	2	18,200	-7,991	-410,631	-19,241	46,906	-1,800	3,801	53,846	0,033	-410,631	0,000	-19,241	1,691	0,000	46,906
(palo 1500)	14026	3	18,200	-8,303	-412,599	-18,092	41,074	-1,739	3,548	53,846	0,032	-412,599	0,000	-18,092	1,526	0,000	41,074
	14027	4	18,200	-8,616	-414,544	-17,020	35,588	-1,645	3,311	53,846	0,031	-414,544	0,000	-17,020	1,329	0,000	35,588
	14028	5	18,200	-8,928	-416,460	-16,024	30,428	-1,519	3,089	53,846	0,028	-416,460	0,000	-16,024	1,102	0,000	32,092
EmbeddedBeamRow_2_1	14028	1	18,200	-8,928	-416,454	-16,019	30,428	-1,519	3,089	53,846	0,028	-416,454	0,000	-16,019	1,108	0,000	32,092
Element 3-42 (Embedded beam row)	14029	2	18,200	-9,241	-418,325	-15,090	25,570	-1,371	2,882	53,846	0,025	-418,325	0,000	-15,090	0,868	0,000	30,754
(palo 1500)	14030	3	18,200	-9,553	-420,143	-14,218	20,991	-1,206	2,695	53,846	0,022	-420,143	0,000	-14,218	0,625	0,000	29,383
	14031	4	18,200	-9,866	-421,908	-13,401	16,676	-1,027	2,527	53,846	0,019	-421,908	0,000	-13,401	0,382	0,000	27,975
	14032	5	18,200	-10,178	-423,617	-12,639	12,609	-0,836	2,380	53,846	0,016	-423,617	0,000	-12,639	0,140	0,000	26,527
EmbeddedBeamRow_2_1	14032	1	18,200	-10,178	-423,615	-12,634	12,609	-0,836	2,380	53,846	0,016	-423,615	0,000	-12,634	0,144	0,000	26,527
Element 3-43 (Embedded beam row)	14033	2	18,200	-10,491	-425,262	-11,915	8,775	-0,636	2,252	53,846	0,012	-425,262	0,000	-11,915	0,000	0,000	25,040

Structural element	Node [10⁻³]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T,,,, [kN/m/m]	T,,, [kN/m/m]	T,,,,,,, [kN/m/m]	T,,,,,,,	N,,, [kN/m]	N,,, [kN/m]	Q,,, [kN/m]	Q,,, [kN/m]	M,,, [kN m/m]	M,,, [kN m/m]
(palo 1500)	14034	3	18,200	-10,803	-426,845	-11,227	5,159	-0,428	2,143	53,846	0,008	-426,845	0,000	-11,227	0,000	0,000	23,516
	14035	4	18,200	-11,116	-428,361	-10,571	1,753	-0,212	2,052	53,846	0,004	-428,361	0,000	-10,571	0,000	0,000	21,963
	14036	5	18,200	-11,428	-429,809	-9,946	-1,451	0,011	1,978	53,846	0,000	-429,809	0,000	-9,946	0,000	-1,451	20,390
EmbeddedBeamRow_2_1	14036	1	18,200	-11,428	-429,808	-9,941	-1,451	0,011	1,978	53,846	0,000	-429,808	0,000	-9,941	0,000	-1,451	20,390
Element 3-44 (Embedded beam row)	14037	2	18,200	-11,741	-431,185	-9,335	-4,462	0,241	1,920	53,846	0,004	-431,185	0,000	-9,335	0,000	-4,462	18,811
(palo 1500)	14038	3	18,200	-12,053	-432,489	-8,742	-7,287	0,476	1,876	53,846	0,009	-432,489	0,000	-8,742	0,000	-7,287	17,239
	14039	4	18,200	-12,366	-433,719	-8,160	-9,928	0,718	1,843	53,846	0,013	-433,719	0,000	-8,160	0,000	-9,928	15,697
	14040	5	18,200	-12,678	-434,873	-7,590	-12,388	0,964	1,819	53,846	0,018	-434,873	0,000	-7,590	0,000	-12,388	14,204
EmbeddedBeamRow_2_1	14040	1	18,200	-12,678	-434,869	-7,585	-12,388	1,446	2,728	53,846	0,027	-434,869	0,000	-7,585	0,000	-12,388	14,204
Element 3-45 (Embedded beam row)	14041	2	18,200	-12,978	-435,750	-6,832	-14,544	1,769	2,348	53,846	0,033	-435,750	0,000	-6,832	0,000	-14,544	12,857
(palo 1500)	14042	3	18,200	-13,277	-436,524	-6,179	-16,491	2,119	2,001	53,846	0,039	-436,524	0,000	-6,179	0,000	-16,491	11,601
	14043	4	18,200	-13,577	-437,191	-5,626	-18,257	2,490	1,688	53,846	0,046	-437,191	0,000	-5,626	0,000	-18,257	10,423
	14044	5	18,200	-13,876	-437,747	-5,169	-19,871	2,880	1,406	53,846	0,053	-437,747	0,000	-5,169	0,000	-19,871	9,313
EmbeddedBeamRow_2_1	14044	1	18,200	-13,876	-437,743	-5,161	-19,871	2,880	1,406	53,846	0,053	-437,743	0,000	-5,161	0,000	-19,871	9,313
Element 3-46 (Embedded beam row)	14045	2	18,200	-14,179	-438,184	-4,780	-21,375	3,292	1,151	53,846	0,061	-438,184	0,000	-4,780	0,000	-21,375	8,249
(palo 1500)	14046	3	18,200	-14,482	-438,494	-4,465	-22,774	3,720	0,925	53,846	0,069	-438,494	0,000	-4,465	0,000	-22,774	7,235
	14047	4	18,200	-14,785	-438,672	-4,213	-24,087	4,164	0,730	53,846	0,077	-438,672	0,000	-4,213	0,000	-24,087	6,263
	14048	5	18,200	-15,088	-438,717	-4,023	-25,333	4,623	0,562	53,846	0,086	-438,717	0,000	-4,023	0,000	-25,333	5,330
EmbeddedBeamRow_2_1	14048	1	18,200	-15,088	-438,714	-4,016	-25,333	4,623	0,562	53,846	0,086	-438,714	0,000	-4,016	0,000	-25,333	5,330
Element 3-47 (Embedded beam row)	14049	2	18,200	-15,395	-438,615	-3,871	-26,541	5,100	0,421	53,846	0,095	-438,615	0,000	-3,875	0,000	-26,541	4,418
(palo 1500)	14050	3	18,200	-15,701	-438,365	-3,759	-27,709	5,590	0,308	53,846	0,104	-438,365	0,000	-3,798	0,000	-27,709	3,534
	14051	4	18,200	-16,008	-437,963	-3,677	-28,848	6,092	0,221	53,846	0,113	-437,963	0,000	-3,764	0,000	-28,848	2,677
	14052	5	18,200	-16,314	-437,409	-3,624	-29,966	6,604	0,160	53,846	0,123	-437,409	0,000	-3,751	0,000	-29,966	1,843
EmbeddedBeamRow_2_1	14052	1	18,200	-16,314	-437,406	-3,617	-29,966	6,604	0,160	53,846	0,123	-437,406	0,000	-3,745	0,000	-29,966	1,843
Element 3-48 (Embedded beam row)	14053	2	18,200	-16,624	-436,684	-3,578	-31,080	7,134	0,124	53,846	0,132	-436,684	0,000	-3,742	0,000	-31,080	1,022
(palo 1500)	14054	3	18,200	-16,934	-435,792	-3,541	-32,184	7,675	0,111	53,846	0,143	-435,792	0,000	-3,737	0,000	-32,184	0,222
	14055	4	18,200	-17,244	-434,732	-3,504	-33,276	8,227	0,123	53,846	0,153	-434,732	0,000	-3,727	0,000	-33,276	0,000
	14056	5	18,200	-17,554	-433,501	-3,465	-34,356	8,788	0,158	53,846	0,163	-433,501	0,000	-3,713	0,000	-34,356	0,000
EmbeddedBeamRow_2_1	14056	1	18,200	-17,554	-433,499	-3,459	-34,356	8,788	0,158	53,846	0,163	-433,499	0,000	-3,707	0,000	-34,356	0,000
Element 3-49 (Embedded beam row)	14057	2	18,200	-17,868	-432,076	-3,405	-35,433	9,365	0,217	53,846	0,174	-432,076	0,000	-3,674	0,000	-35,433	0,000
(palo 1500)	14058	3	18,200	-18,181	-430,468	-3,324	-36,489	9,950	0,298	53,846	0,185	-430,468	0,000	-3,612	0,000	-36,489	0,000
	14059	4	18,200	-18,495	-428,676	-3,213	-37,515	10,541	0,404	53,846	0,196	-428,676	0,000	-3,518	0,000	-37,515	0,000
	14060	5	18,200	-18,808	-426,700	-3,071	-38,500	11,138	0,532	53,846	0,207	-426,700	0,000	-3,391	0,000	-38,500	0,000
EmbeddedBeamRow_2_1	14060	1	18,200	-18,808	-426,697	-3,067	-38,500	11,138	0,532	53,846	0,207	-426,697	0,000	-3,387	0,000	-38,500	0,000
Element 3-50 (Embedded beam row)	14061	2	18,200	-19,125	-424,509	-2,875	-39,444	11,742	0,692	53,846	0,218	-424,509	0,000	-3,209	0,000	-39,444	0,000
(palo 1500)	14062	3	18,200	-19,442	-422,124	-2,628	-40,318	12,356	0,865	53,846	0,229	-422,124	0,000	-2,975	0,000	-40,318	0,000

Structural element	Node [10⁻]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N --- [kN/m]	N --- [kN/m]	Q --- [kN/m]	Q --- [kN/m]	M --- [kN m/m]	M --- [kN m/m]
	14063	4	18,200	-19,760	-419,541	-2,327	-41,105	12,986	1,036	53,846	0,241	-419,541	0,000	-2,684	0,000	-41,105	0,000
	14064	5	18,200	-20,077	-416,762	-1,971	-41,788	13,633	1,200	53,846	0,253	-416,762	0,000	-2,364	0,000	-41,788	0,000
EmbeddedBeamRow_2_1	14064	1	18,200	-20,077	-416,755	-1,971	-41,788	13,633	1,200	53,846	0,253	-416,755	0,000	-2,362	0,000	-41,788	0,000
Element 3-51 (Embedded beam row)	14065	2	18,200	-20,398	-413,735	-1,563	-42,356	14,302	1,347	53,846	0,266	-413,735	0,000	-2,030	0,000	-42,356	0,000
(palo 1500)	14066	3	18,200	-20,718	-410,488	-1,107	-42,786	14,994	1,495	53,846	0,278	-410,488	0,000	-1,640	0,000	-42,786	0,000
	14067	4	18,200	-21,039	-407,015	-0,603	-43,061	15,712	1,647	53,846	0,292	-407,015	0,000	-1,279	0,000	-43,061	0,000
	14068	5	18,200	-21,360	-403,316	-0,051	-43,168	16,449	1,787	53,846	0,305	-403,316	0,000	-1,029	0,000	-43,168	0,000
EmbeddedBeamRow_2_1	14068	1	18,200	-21,360	-403,310	-0,055	-43,168	16,449	1,787	53,846	0,305	-403,310	0,000	-1,028	0,000	-43,168	0,000
Element 3-52 (Embedded beam row)	14069	2	18,200	-21,684	-399,325	0,550	-43,088	17,206	1,908	53,846	0,320	-399,325	0,000	-0,851	0,550	-43,088	0,000
(palo 1500)	14070	3	18,200	-22,009	-395,086	1,184	-42,807	17,976	2,004	53,846	0,334	-395,086	0,000	-0,657	1,184	-42,807	0,000
	14071	4	18,200	-22,333	-390,595	1,845	-42,317	18,761	2,073	53,846	0,348	-390,595	0,000	-0,447	1,845	-42,317	0,000
	14072	5	18,200	-22,658	-385,853	2,530	-41,608	19,563	2,119	53,846	0,363	-385,853	0,000	-0,222	2,530	-41,608	0,000
EmbeddedBeamRow_2_1	14072	1	18,200	-22,658	-385,846	2,523	-41,608	19,563	2,119	53,846	0,363	-385,846	0,000	-0,224	2,523	-41,608	0,000
Element 3-53 (Embedded beam row)	14073	2	18,200	-22,986	-380,784	3,228	-40,664	20,391	2,143	53,846	0,379	-380,784	0,000	0,000	3,228	-40,664	0,000
(palo 1500)	14074	3	18,200	-23,314	-375,437	3,930	-39,489	21,238	2,138	53,846	0,394	-375,437	0,000	0,000	3,930	-39,489	0,000
	14075	4	18,200	-23,642	-369,810	4,626	-38,085	22,105	2,107	53,846	0,411	-369,810	0,000	0,000	4,626	-38,085	0,000
	14076	5	18,200	-23,971	-363,904	5,314	-36,454	22,996	2,047	53,846	0,427	-363,904	0,000	0,000	5,314	-36,454	0,000
EmbeddedBeamRow_2_1	14076	1	18,200	-23,971	-363,894	5,304	-36,454	22,996	2,047	53,846	0,427	-363,894	0,000	0,000	5,304	-36,454	0,000
Element 3-54 (Embedded beam row)	14077	2	18,200	-24,302	-357,620	5,977	-34,580	23,920	1,953	53,846	0,444	-357,620	0,000	0,000	5,977	-34,580	0,000
(palo 1500)	14078	3	18,200	-24,634	-351,024	6,602	-32,490	24,872	1,819	53,846	0,462	-351,024	0,000	0,000	6,602	-32,490	0,000
	14079	4	18,200	-24,966	-344,107	7,175	-30,202	25,850	1,639	53,846	0,480	-344,107	0,000	0,000	7,175	-30,202	0,000
	14080	5	18,200	-25,298	-336,872	7,692	-27,733	26,851	1,407	53,846	0,499	-336,872	0,000	0,000	7,692	-27,733	0,000
EmbeddedBeamRow_2_1	14080	1	18,200	-25,298	-336,864	7,675	-27,733	26,851	1,407	53,846	0,499	-336,864	0,000	0,000	7,675	-27,733	0,000
Element 3-55 (Embedded beam row)	14081	2	18,200	-25,634	-329,201	8,113	-25,080	27,885	1,108	53,846	0,518	-329,201	0,000	0,000	8,113	-25,080	0,000
(palo 1500)	14082	3	18,200	-25,970	-321,182	8,422	-22,299	28,931	0,743	53,846	0,537	-321,182	0,000	0,000	8,422	-22,299	0,000
	14083	4	18,200	-26,306	-312,813	8,595	-19,438	29,969	0,302	53,846	0,557	-312,813	0,000	0,000	8,595	-19,438	0,000
	14084	5	18,200	-26,641	-304,101	8,626	-16,543	30,985	-0,206	53,846	0,575	-304,101	0,000	0,000	8,626	-16,543	0,000
EmbeddedBeamRow_2_1	14084	1	18,200	-26,641	-304,122	8,613	-16,543	30,985	-0,206	53,846	0,575	-304,122	0,000	0,000	8,613	-16,543	0,000
Element 3-56 (Embedded beam row)	14085	2	18,200	-26,981	-294,939	8,448	-13,641	31,959	-0,802	53,846	0,594	-294,939	0,000	0,000	8,448	-13,641	0,000
(palo 1500)	14086	3	18,200	-27,321	-285,488	8,069	-10,829	32,786	-1,429	53,846	0,609	-285,488	0,000	0,000	8,069	-10,829	0,000
	14087	4	18,200	-27,660	-275,792	7,473	-8,183	33,403	-2,076	53,846	0,620	-275,792	0,000	0,000	7,473	-8,183	0,000
	14088	5	18,200	-28,000	-265,873	6,659	-5,778	33,730	-2,712	53,846	0,626	-265,873	0,000	0,000	6,659	-5,778	0,000
EmbeddedBeamRow_2_1	14088	1	18,200	-28,000	-266,018	6,668	-5,778	33,730	-2,712	53,846	0,626	-266,018	0,000	0,000	6,668	-5,778	0,000
Element 3-57 (Embedded beam row)	14089	2	18,200	-28,403	-254,052	5,389	-3,340	33,895	-3,567	53,846	0,629	-254,052	0,000	0,000	5,389	-3,340	0,000
(palo 1500)	14090	3	18,200	-28,805	-242,347	3,786	-1,484	33,529	-4,457	53,846	0,623	-242,347	0,000	0,000	3,786	-1,484	0,000
	14091	4	18,200	-29,207	-231,002	1,887	-0,331	32,100	-5,039	53,846	0,596	-231,002	0,000	0,000	1,887	-0,331	0,000

Structural element	Node [10 ˚]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T--- [kN/m/m]	T---,--- [kN/m/m]	T---,---	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
	14092	5	18,200	-29,610	-220,120	-0,280	0,000	29,377	-3,487	53,846	0,546	-220,120	0,000	-0,280	0,000	0,000	0,000

3.3.2.1.10 Calculation results, Embedded beam row, SISMA- [Phase_11] (9/247), Table of embedded pile row force envelopes

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T---+-- [kN/m/m]	T---+--	N-- [kN/m]	N--- [kN/m]	Q-- [kN/m]	Q--- [kN/m]	M-- [kN m/m]	M--- [kN m/m]
EmbeddedBeamRow_1_1	13862	1	10,400	-5,610	27,063	-94,821	469,582	0,000	0,000	53,846	0,000	-347,998	27,063	-94,821	0,000	0,000	469,582
Element 1-1 (Embedded beam row)	13863	2	10,400	-5,894	25,788	-94,886	442,688	0,078	1,061	53,846	0,001	-349,282	25,788	-94,886	0,000	0,000	442,688
(palo 1500)	13864	3	10,400	-6,177	24,538	-94,705	415,798	0,163	1,953	53,846	0,003	-350,568	24,538	-94,705	0,000	0,000	415,798
	13865	4	10,400	-6,461	23,313	-94,283	388,993	0,262	2,765	53,846	0,005	-351,855	23,313	-94,283	0,000	0,000	388,993
	13866	5	10,400	-6,744	22,117	-93,624	362,355	0,379	3,501	53,846	0,007	-353,141	22,117	-93,624	0,000	0,000	362,355
EmbeddedBeamRow_1_1	13866	1	10,400	-6,744	22,122	-93,640	362,355	1,515	14,003	53,846	0,028	-353,138	22,122	-93,640	0,000	0,000	362,355
Element 1-2 (Embedded beam row)	13867	2	10,400	-7,057	21,170	-89,537	333,741	1,490	13,909	53,846	0,028	-354,533	21,170	-89,537	0,000	0,000	333,741
(palo 1500)	13868	3	10,400	-7,369	20,221	-85,483	306,390	1,499	13,764	53,846	0,028	-355,928	20,221	-85,483	0,000	0,000	306,390
	13869	4	10,400	-7,682	19,277	-81,488	280,295	1,522	13,539	53,846	0,028	-357,320	19,277	-81,488	0,000	0,000	280,295
	13870	5	10,400	-7,994	18,340	-77,558	255,452	1,556	13,242	53,846	0,029	-358,708	18,340	-77,558	0,000	-0,203	255,452
EmbeddedBeamRow_1_1	13870	1	10,400	-7,994	18,343	-77,572	255,452	1,556	13,242	53,846	0,029	-358,704	18,343	-77,572	0,000	-0,203	255,452
Element 1-3 (Embedded beam row)	13871	2	10,400	-8,307	17,419	-73,754	231,816	1,610	12,868	53,846	0,030	-360,079	17,419	-73,754	0,000	-1,280	231,816
(palo 1500)	13872	3	10,400	-8,619	16,517	-70,067	209,343	1,677	12,449	53,846	0,031	-361,429	16,517	-70,067	0,000	-2,242	209,343
	13873	4	10,400	-8,932	15,638	-66,518	188,000	1,755	11,993	53,846	0,033	-362,752	15,638	-66,518	0,000	-3,088	188,000
	13874	5	10,400	-9,244	14,782	-63,109	167,754	1,846	11,520	53,846	0,034	-364,044	14,782	-63,109	0,000	-3,817	167,754
EmbeddedBeamRow_1_1	13874	1	10,400	-9,244	14,786	-63,103	167,754	1,846	11,520	53,846	0,034	-364,040	14,786	-63,103	0,000	-3,817	167,754
Element 1-4 (Embedded beam row)	13875	2	10,400	-9,557	13,960	-59,859	148,549	1,952	11,058	53,846	0,036	-365,291	13,960	-59,859	0,000	-4,435	148,549
(palo 1500)	13876	3	10,400	-9,869	13,173	-56,733	130,331	2,076	10,648	53,846	0,039	-366,491	13,173	-56,733	0,000	-4,946	130,331
	13877	4	10,400	-10,182	12,429	-53,723	113,071	2,220	10,319	53,846	0,041	-367,639	12,429	-53,723	0,000	-5,357	113,071
	13878	5	10,400	-10,494	11,729	-50,825	96,742	2,384	10,077	53,846	0,044	-368,732	11,729	-50,825	0,000	-5,676	96,742
EmbeddedBeamRow_1_1	13878	1	10,400	-10,494	11,732	-50,801	96,742	2,384	10,077	53,846	0,044	-368,728	11,732	-50,801	0,000	-5,676	96,742
Element 1-5 (Embedded beam row)	13879	2	10,400	-10,807	11,088	-47,964	81,314	2,567	9,927	53,846	0,048	-369,756	11,088	-47,964	0,000	-5,914	81,314
(palo 1500)	13880	3	10,400	-11,119	10,505	-45,138	66,764	2,766	9,862	53,846	0,051	-370,712	10,505	-45,138	0,000	-6,079	66,764
	13881	4	10,400	-11,432	9,985	-42,321	53,095	2,970	9,867	53,846	0,055	-371,594	9,985	-42,321	0,000	-6,186	53,095
	13882	5	10,400	-11,744	9,529	-39,511	40,312	3,170	9,886	53,846	0,059	-372,400	9,529	-39,511	0,000	-6,245	40,312
EmbeddedBeamRow_1_1	13882	1	10,400	-11,744	9,531	-39,495	40,312	4,755	14,828	53,846	0,088	-372,396	9,531	-39,495	0,000	-6,245	40,312
Element 1-6 (Embedded beam row)	13883	2	10,400	-12,038	9,612	-35,574	29,310	4,886	13,759	53,846	0,091	-372,762	9,612	-35,574	0,022	-6,261	29,310
(palo 1500)	13884	3	10,400	-12,331	9,739	-31,931	19,414	5,046	12,781	53,846	0,094	-373,023	9,739	-31,931	0,166	-6,233	19,414
	13885	4	10,400	-12,624	9,914	-28,565	10,545	5,209	11,872	53,846	0,097	-373,178	9,914	-28,565	0,303	-6,164	10,545
	13886	5	10,400	-12,918	10,137	-25,473	2,627	5,368	11,025	53,846	0,100	-373,225	10,137	-25,473	0,431	-6,056	2,627
EmbeddedBeamRow_1_1	13886	1	10,400	-12,918	10,136	-25,456	2,627	5,368	11,025	53,846	0,100	-373,224	10,136	-25,456	0,431	-6,056	2,627
Element 1-7 (Embedded beam row)	13887	2	10,400	-13,214	10,409	-22,575	-4,485	5,526	10,224	53,846	0,103	-373,158	10,409	-22,575	0,550	-9,583	0,617

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N-- - [kN/m]	N--- [kN/m]	Q-- - [kN/m]	Q--- [kN/m]	M - - [kN m/m]	M --- [kN m/m]
(palo 1500)	13888	3	10,400	-13,510	10,726	-19,907	-10,778	5,679	9,485	53,846	0,105	-372,975	10,726	-19,907	0,659	-14,716	0,000
	13889	4	10,400	-13,807	11,088	-17,449	-16,311	5,823	8,801	53,846	0,108	-372,674	11,088	-17,449	0,756	-19,143	0,000
	13890	5	10,400	-14,103	11,493	-15,201	-21,144	5,958	8,172	53,846	0,111	-372,256	11,493	-15,201	0,842	-22,915	0,000
EmbeddedBeamRow_1_1	13890	1	10,400	-14,103	11,490	-15,187	-21,144	5,958	8,172	53,846	0,111	-372,255	11,490	-15,187	0,843	-22,915	0,000
Element 1-8 (Embedded beam row)	13891	2	10,400	-14,403	11,938	-13,095	-25,376	6,082	7,591	53,846	0,113	-371,710	11,938	-13,095	0,918	-26,112	0,000
(palo 1500)	13892	3	10,400	-14,702	12,419	-11,156	-29,005	6,193	7,062	53,846	0,115	-371,040	12,419	-11,156	0,983	-29,164	0,000
	13893	4	10,400	-15,002	12,932	-9,369	-32,077	6,291	6,580	53,846	0,117	-370,246	12,932	-9,369	1,038	-32,077	0,000
	13894	5	10,400	-15,302	13,474	-7,731	-34,634	6,375	6,141	53,846	0,118	-369,329	13,474	-7,731	1,081	-34,634	0,000
EmbeddedBeamRow_1_1	13894	1	10,400	-15,302	13,471	-7,721	-34,634	6,375	6,141	53,846	0,118	-369,328	13,471	-7,721	1,082	-34,634	0,000
Element 1-9 (Embedded beam row)	13895	2	10,400	-15,604	14,043	-6,191	-36,736	6,445	5,738	53,846	0,120	-368,275	14,043	-6,191	1,116	-36,736	0,000
(palo 1500)	13896	3	10,400	-15,907	14,630	-4,769	-38,393	6,498	5,372	53,846	0,121	-367,092	14,630	-4,769	1,140	-38,393	0,000
	13897	4	10,400	-16,210	15,229	-3,453	-39,635	6,531	5,037	53,846	0,121	-365,781	15,229	-3,453	1,433	-39,635	0,000
	13898	5	10,400	-16,512	15,841	-2,242	-40,494	6,545	4,732	53,846	0,122	-364,344	15,841	-2,242	2,025	-40,494	0,000
EmbeddedBeamRow_1_1	13898	1	10,400	-16,512	15,836	-2,235	-40,494	6,545	4,732	53,846	0,122	-364,343	15,836	-2,235	2,030	-40,494	0,000
Element 1-10 (Embedded beam row)	13899	2	10,400	-16,818	16,455	-1,099	-41,001	6,539	4,447	53,846	0,121	-362,761	16,455	-1,099	2,548	-41,001	0,000
(palo 1500)	13900	3	10,400	-17,124	17,065	-0,042	-41,174	6,516	4,182	53,846	0,121	-361,046	17,065	-0,042	2,996	-41,174	0,000
	13901	4	10,400	-17,430	17,666	0,937	-41,035	6,476	3,932	53,846	0,120	-359,201	17,666	0,000	3,538	-41,035	0,000
	13902	5	10,400	-17,736	18,255	1,837	-40,609	6,420	3,697	53,846	0,119	-357,227	18,255	0,000	4,075	-40,609	0,000
EmbeddedBeamRow_1_1	13902	1	10,400	-17,736	18,251	1,840	-40,609	6,420	3,697	53,846	0,119	-357,226	18,251	0,000	4,079	-40,609	0,000
Element 1-11 (Embedded beam row)	13903	2	10,400	-18,045	18,827	2,680	-39,909	6,345	3,471	53,846	0,118	-355,099	18,827	0,000	4,538	-39,909	0,000
(palo 1500)	13904	3	10,400	-18,354	19,373	3,453	-38,959	6,254	3,253	53,846	0,116	-352,836	19,373	0,000	5,038	-38,959	0,000
	13905	4	10,400	-18,663	19,889	4,160	-37,780	6,148	3,041	53,846	0,114	-350,439	19,889	0,000	5,490	-37,780	0,121
	13906	5	10,400	-18,973	20,373	4,801	-36,394	6,030	2,829	53,846	0,112	-347,910	20,373	0,000	5,858	-36,394	0,817
EmbeddedBeamRow_1_1	13906	1	10,400	-18,973	20,370	4,801	-36,394	6,030	2,829	53,846	0,112	-347,909	20,370	0,000	5,862	-36,394	0,817
Element 1-12 (Embedded beam row)	13907	2	10,400	-19,285	20,821	5,382	-34,802	5,901	2,612	53,846	0,110	-345,217	20,821	0,000	6,157	-34,802	1,534
(palo 1500)	13908	3	10,400	-19,597	21,226	5,894	-33,038	5,760	2,391	53,846	0,107	-342,385	21,226	0,000	6,381	-33,038	2,256
	13909	4	10,400	-19,910	21,586	6,337	-31,126	5,607	2,166	53,846	0,104	-339,415	21,586	0,000	6,535	-31,126	2,976
	13910	5	10,400	-20,222	21,898	6,710	-29,087	5,443	1,936	53,846	0,101	-336,308	21,898	0,000	6,812	-29,087	3,686
EmbeddedBeamRow_1_1	13910	1	10,400	-20,222	21,895	6,709	-29,087	5,443	1,936	53,846	0,101	-336,305	21,895	0,000	6,812	-29,087	3,686
Element 1-13 (Embedded beam row)	13911	2	10,400	-20,538	22,158	7,012	-26,920	5,266	1,701	53,846	0,098	-333,023	22,158	0,000	7,053	-26,920	4,453
(palo 1500)	13912	3	10,400	-20,853	22,360	7,239	-24,668	5,077	1,462	53,846	0,094	-329,594	22,360	0,000	7,239	-24,668	5,255
	13913	4	10,400	-21,169	22,500	7,391	-22,356	4,878	1,220	53,846	0,091	-326,019	22,500	0,000	7,391	-22,356	6,019
	13914	5	10,400	-21,485	22,579	7,466	-20,010	4,668	0,977	53,846	0,087	-322,300	22,579	0,000	7,466	-20,010	6,754
EmbeddedBeamRow_1_1	13914	1	10,400	-21,485	22,576	7,466	-20,010	4,668	0,977	53,846	0,087	-322,297	22,576	0,000	7,466	-20,010	6,754
Element 1-14 (Embedded beam row)	13915	2	10,400	-21,804	22,587	7,463	-17,628	4,448	0,730	53,846	0,083	-318,389	22,587	0,000	7,463	-17,628	7,564
(palo 1500)	13916	3	10,400	-22,123	22,524	7,382	-15,257	4,219	0,484	53,846	0,078	-314,323	22,524	0,000	7,382	-15,257	8,304

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
	13917	4	10,400	-22,442	22,386	7,224	-12,925	3,983	0,242	53,846	0,074	-310,102	22,386	0,000	7,224	-12,925	8,965
	13918	5	10,400	-22,761	22,174	6,987	-10,657	3,741	0,004	53,846	0,069	-305,728	22,174	0,000	6,987	-10,657	9,539
EmbeddedBeamRow_1_1	13918	1	10,400	-22,761	22,173	6,989	-10,657	3,741	0,004	53,846	0,069	-305,724	22,173	0,000	6,989	-10,657	9,539
Element 1-15 (Embedded beam row)	13919	2	10,400	-23,083	21,879	6,673	-8,453	3,490	-0,230	53,846	0,065	-301,143	21,879	0,000	6,673	-8,453	10,065
(palo 1500)	13920	3	10,400	-23,405	21,502	6,286	-6,362	3,236	-0,453	53,846	0,060	-296,391	21,502	0,000	6,286	-6,362	10,647
	13921	4	10,400	-23,728	21,043	5,828	-4,408	2,979	-0,666	53,846	0,055	-291,473	21,043	-0,017	5,828	-4,408	11,092
	13922	5	10,400	-24,050	20,501	5,301	-2,613	2,721	-0,866	53,846	0,051	-286,390	20,501	-0,072	5,301	-2,613	11,392
EmbeddedBeamRow_1_1	13922	1	10,400	-24,050	20,502	5,307	-2,613	2,721	-0,866	53,846	0,051	-286,385	20,502	-0,072	5,307	-2,613	11,392
Element 1-16 (Embedded beam row)	13923	2	10,400	-24,376	19,869	4,708	-0,980	2,462	-1,049	53,846	0,046	-281,075	19,869	-0,213	4,708	-0,980	11,541
(palo 1500)	13924	3	10,400	-24,701	19,154	4,062	0,449	2,208	-1,202	53,846	0,041	-275,580	19,154	-0,584	4,062	0,000	11,528
	13925	4	10,400	-25,027	18,357	3,374	1,662	1,963	-1,311	53,846	0,036	-269,906	18,357	-0,981	3,374	0,000	11,349
	13926	5	10,400	-25,353	17,481	2,646	2,643	1,726	-1,376	53,846	0,032	-264,054	17,481	-1,418	2,646	0,000	11,002
EmbeddedBeamRow_1_1	13926	1	10,400	-25,353	17,483	2,659	2,643	1,726	-1,376	53,846	0,032	-264,050	17,483	-1,408	2,659	0,000	11,002
Element 1-17 (Embedded beam row)	13927	2	10,400	-25,682	16,520	1,908	3,394	1,498	-1,400	53,846	0,028	-257,947	16,520	-1,839	1,908	0,000	10,484
(palo 1500)	13928	3	10,400	-26,011	15,486	1,169	3,900	1,283	-1,376	53,846	0,024	-251,650	15,486	-2,299	1,169	0,000	9,803
	13929	4	10,400	-26,340	14,384	0,447	4,166	1,080	-1,299	53,846	0,020	-245,164	14,384	-2,723	0,447	0,000	8,975
	13930	5	10,400	-26,670	13,214	-0,254	4,197	0,887	-1,150	53,846	0,016	-238,491	13,214	-3,097	0,000	0,000	8,016
EmbeddedBeamRow_1_1	13930	1	10,400	-26,670	13,214	-0,229	4,197	0,887	-1,150	53,846	0,016	-238,495	13,214	-3,077	0,000	0,000	8,016
Element 1-18 (Embedded beam row)	13931	2	10,400	-27,002	11,979	-0,886	4,008	0,738	-0,920	53,846	0,014	-231,551	11,979	-3,376	0,000	0,000	6,939
(palo 1500)	13932	3	10,400	-27,335	10,691	-1,416	3,622	0,583	-0,568	53,846	0,011	-224,431	10,691	-3,543	0,000	0,000	5,784
	13933	4	10,400	-27,667	9,351	-1,815	3,081	0,425	-0,123	53,846	0,008	-217,148	9,351	-3,572	0,000	0,000	4,597
	13934	5	10,400	-28,000	7,960	-2,073	2,430	0,296	0,413	53,846	0,005	-209,711	7,960	-3,459	0,000	0,000	3,424
EmbeddedBeamRow_1_1	13934	1	10,400	-28,000	7,947	-2,048	2,430	0,296	0,413	53,846	0,005	-209,794	7,947	-3,447	0,000	0,000	3,424
Element 1-19 (Embedded beam row)	13935	2	10,400	-28,403	6,220	-2,087	1,586	0,058	1,223	53,846	0,001	-200,664	6,220	-3,061	0,000	0,000	2,103
(palo 1500)	13936	3	10,400	-28,805	4,350	-1,761	0,799	-0,259	2,085	53,846	0,005	-191,699	4,350	-2,343	0,000	0,000	1,005
	13937	4	10,400	-29,207	2,330	-1,058	0,219	-0,692	3,102	53,846	0,013	-182,968	2,330	-1,301	0,000	0,000	0,260
	13938	5	10,400	-29,610	0,150	0,037	0,000	-1,739	3,767	53,846	0,032	-174,539	0,150	0,000	0,111	0,000	0,000
EmbeddedBeamRow_3_1	13939	1	14,300	-5,610	9,061	-88,642	470,872	0,000	0,000	53,846	0,000	-248,898	9,061	-88,642	0,000	0,000	470,872
Element 2-20 (Embedded beam row)	13940	2	14,300	-6,010	7,272	-88,708	435,370	0,158	1,191	53,846	0,003	-250,708	7,272	-88,708	0,000	0,000	435,370
(palo 1500)	13941	3	14,300	-6,411	5,560	-88,375	399,907	0,349	2,212	53,846	0,006	-252,507	5,560	-88,375	0,000	0,000	399,907
	13942	4	14,300	-6,811	3,925	-87,650	364,654	0,544	3,147	53,846	0,010	-254,292	3,925	-87,650	0,000	0,000	364,654
	13943	5	14,300	-7,211	2,368	-86,542	329,786	0,723	3,969	53,846	0,013	-256,060	2,368	-86,542	0,000	0,000	329,786
EmbeddedBeamRow_3_1	13943	1	14,300	-7,211	2,376	-86,561	329,786	2,892	15,876	53,846	0,054	-256,057	2,376	-86,561	0,000	0,000	329,786
Element 2-21 (Embedded beam row)	13944	2	14,300	-7,524	1,837	-81,978	303,463	2,825	15,164	53,846	0,052	-257,294	1,837	-81,978	0,000	0,000	303,463
(palo 1500)	13945	3	14,300	-7,836	1,309	-77,622	278,527	2,846	14,435	53,846	0,053	-258,516	1,309	-77,622	0,000	0,000	278,527
	13946	4	14,300	-8,149	0,795	-73,500	254,914	2,920	13,670	53,846	0,054	-259,723	0,795	-73,500	0,000	0,000	254,914

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
	13947	5	14,300	-8,461	0,301	-69,617	232,564	3,039	12,885	53,846	0,056	-260,913	0,301	-69,617	0,000	0,000	232,564
EmbeddedBeamRow_3_1	13947	1	14,300	-8,461	0,310	-69,614	232,564	3,039	12,885	53,846	0,056	-260,911	0,310	-69,614	0,000	0,000	232,564
Element 2-22 (Embedded beam row)	13948	2	14,300	-8,774	-0,137	-65,990	211,387	3,203	12,082	53,846	0,059	-262,079	0,000	-65,990	0,000	-0,135	211,387
(palo 1500)	13949	3	14,300	-9,086	-0,521	-62,603	191,296	3,396	11,304	53,846	0,063	-263,221	0,000	-62,603	0,000	-0,333	191,296
	13950	4	14,300	-9,399	-0,841	-59,450	172,227	3,612	10,577	53,846	0,067	-264,336	0,000	-59,450	0,000	-0,519	172,227
	13951	5	14,300	-9,711	-1,096	-56,532	154,115	3,838	9,945	53,846	0,071	-265,422	0,000	-56,532	0,000	-0,697	154,115
EmbeddedBeamRow_3_1	13951	1	14,300	-9,711	-1,095	-56,505	154,115	3,838	9,945	53,846	0,071	-265,420	0,000	-56,505	0,000	-0,697	154,115
Element 2-23 (Embedded beam row)	13952	2	14,300	-10,024	-1,276	-53,776	136,890	4,061	9,408	53,846	0,075	-266,475	0,000	-53,776	0,000	-0,866	136,890
(palo 1500)	13953	3	14,300	-10,336	-1,389	-51,168	120,492	4,275	8,974	53,846	0,079	-267,493	0,000	-51,168	0,000	-1,029	120,492
	13954	4	14,300	-10,649	-1,435	-48,674	104,891	4,494	8,680	53,846	0,083	-268,475	0,000	-48,674	0,000	-1,185	104,891
	13955	5	14,300	-10,961	-1,413	-46,285	90,060	4,714	8,522	53,846	0,088	-269,418	0,000	-46,285	0,000	-1,335	90,060
EmbeddedBeamRow_3_1	13955	1	14,300	-10,961	-1,413	-46,251	90,060	4,714	8,522	53,846	0,088	-269,417	0,000	-46,251	0,000	-1,335	90,060
Element 2-24 (Embedded beam row)	13956	2	14,300	-11,274	-1,320	-43,888	75,978	4,935	8,485	53,846	0,092	-270,319	0,000	-43,888	0,000	-1,479	75,978
(palo 1500)	13957	3	14,300	-11,586	-1,160	-41,489	62,634	5,152	8,570	53,846	0,096	-271,177	0,000	-41,489	0,000	-1,616	62,634
	13958	4	14,300	-11,899	-0,936	-39,048	50,046	5,348	8,753	53,846	0,099	-271,990	0,000	-39,048	0,000	-1,745	50,046
	13959	5	14,300	-12,211	-0,649	-36,559	38,234	5,502	8,973	53,846	0,102	-272,757	0,000	-36,559	0,000	-1,865	38,234
EmbeddedBeamRow_3_1	13959	1	14,300	-12,211	-0,649	-36,532	38,234	8,253	13,460	53,846	0,153	-272,754	0,000	-36,532	0,000	-1,865	38,234
Element 2-25 (Embedded beam row)	13960	2	14,300	-12,496	0,398	-33,146	28,316	8,218	12,259	53,846	0,153	-273,107	0,398	-33,146	0,000	-1,961	28,316
(palo 1500)	13961	3	14,300	-12,781	1,451	-30,041	19,319	8,231	11,226	53,846	0,153	-273,409	1,451	-30,041	0,000	-2,042	19,319
	13962	4	14,300	-13,066	2,510	-27,212	11,167	8,259	10,324	53,846	0,153	-273,658	2,510	-27,212	0,000	-2,110	11,167
	13963	5	14,300	-13,351	3,575	-24,653	3,786	8,289	9,513	53,846	0,154	-273,854	3,575	-24,653	0,000	-3,396	6,913
EmbeddedBeamRow_3_1	13963	1	14,300	-13,351	3,575	-24,631	3,786	8,289	9,513	53,846	0,154	-273,852	3,575	-24,631	0,000	-3,396	6,913
Element 2-26 (Embedded beam row)	13964	2	14,300	-13,639	4,662	-22,261	-2,959	8,318	8,776	53,846	0,154	-273,992	4,662	-22,261	0,000	-8,307	5,951
(palo 1500)	13965	3	14,300	-13,927	5,756	-20,075	-9,051	8,340	8,116	53,846	0,155	-274,068	5,756	-20,075	0,000	-13,298	5,081
	13966	4	14,300	-14,215	6,855	-18,068	-14,539	8,356	7,528	53,846	0,155	-274,081	6,855	-18,068	0,000	-17,736	4,294
	13967	5	14,300	-14,503	7,958	-16,238	-19,472	8,365	7,004	53,846	0,155	-274,031	7,958	-16,238	0,000	-21,663	3,584
EmbeddedBeamRow_3_1	13967	1	14,300	-14,503	7,957	-16,222	-19,472	8,365	7,004	53,846	0,155	-274,030	7,957	-16,222	0,000	-21,663	3,584
Element 2-27 (Embedded beam row)	13968	2	14,300	-14,794	9,073	-14,515	-23,940	8,363	6,535	53,846	0,155	-273,911	9,073	-14,515	0,000	-25,149	2,935
(palo 1500)	13969	3	14,300	-15,084	10,186	-12,922	-27,930	8,351	6,123	53,846	0,155	-273,721	10,186	-12,922	0,012	-28,186	2,348
	13970	4	14,300	-15,375	11,294	-11,442	-31,472	8,326	5,761	53,846	0,155	-273,460	11,294	-11,442	0,032	-31,491	1,817
	13971	5	14,300	-15,666	12,395	-10,072	-34,598	8,288	5,443	53,846	0,154	-273,128	12,395	-10,072	0,049	-34,598	1,337
EmbeddedBeamRow_3_1	13971	1	14,300	-15,666	12,392	-10,062	-34,598	8,288	5,443	53,846	0,154	-273,126	12,392	-10,062	0,049	-34,598	1,337
Element 2-28 (Embedded beam row)	13972	2	14,300	-15,960	13,491	-8,763	-37,364	8,232	5,160	53,846	0,153	-272,715	13,491	-8,763	0,064	-37,364	0,896
(palo 1500)	13973	3	14,300	-16,254	14,569	-7,534	-39,758	8,166	4,915	53,846	0,152	-272,226	14,569	-7,534	0,077	-39,758	0,495
	13974	4	14,300	-16,548	15,625	-6,374	-41,802	8,085	4,696	53,846	0,150	-271,660	15,625	-6,374	0,088	-41,802	0,131
	13975	5	14,300	-16,842	16,659	-5,280	-43,513	7,987	4,505	53,846	0,148	-271,015	16,659	-5,280	0,415	-43,513	0,000

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N-- - [kN/m]	N--- [kN/m]	Q-- - [kN/m]	Q--- [kN/m]	M- - - [kN m/m]	M--- [kN m/m]
EmbeddedBeamRow_3_1	13975	1	14,300	-16,842	16,655	-5,274	-43,513	7,987	4,505	53,846	0,148	-271,014	16,655	-5,274	0,419	-43,513	0,000
Element 2-29 (Embedded beam row)	13976	2	14,300	-17,140	17,668	-4,221	-44,922	7,876	4,333	53,846	0,146	-270,282	17,668	-4,221	0,831	-44,922	0,000
(palo 1500)	13977	3	14,300	-17,437	18,643	-3,212	-46,025	7,750	4,178	53,846	0,144	-269,466	18,643	-3,212	1,190	-46,025	0,000
	13978	4	14,300	-17,734	19,578	-2,247	-46,835	7,611	4,035	53,846	0,141	-268,567	19,578	-2,247	1,496	-46,835	0,000
	13979	5	14,300	-18,031	20,473	-1,326	-47,365	7,457	3,903	53,846	0,138	-267,584	20,473	-1,326	1,751	-47,365	0,000
EmbeddedBeamRow_3_1	13979	1	14,300	-18,031	20,470	-1,324	-47,365	7,457	3,903	53,846	0,138	-267,582	20,470	-1,324	1,755	-47,365	0,000
Element 2-30 (Embedded beam row)	13980	2	14,300	-18,331	21,325	-0,431	-47,627	7,288	3,776	53,846	0,135	-266,503	21,325	-0,711	2,276	-47,627	0,000
(palo 1500)	13981	3	14,300	-18,631	22,125	0,426	-47,627	7,104	3,653	53,846	0,132	-265,333	22,125	-0,655	2,760	-47,627	0,000
	13982	4	14,300	-18,932	22,867	1,246	-47,375	6,904	3,529	53,846	0,128	-264,073	22,867	-0,602	3,192	-47,375	0,000
	13983	5	14,300	-19,232	23,550	2,028	-46,883	6,687	3,400	53,846	0,124	-262,725	23,550	-0,553	3,739	-46,883	0,000
EmbeddedBeamRow_3_1	13983	1	14,300	-19,232	23,547	2,027	-46,883	6,687	3,400	53,846	0,124	-262,723	23,547	-0,552	3,739	-46,883	0,000
Element 2-31 (Embedded beam row)	13984	2	14,300	-19,535	24,168	2,778	-46,153	6,452	3,263	53,846	0,120	-261,268	24,168	-0,504	4,226	-46,153	0,000
(palo 1500)	13985	3	14,300	-19,839	24,713	3,485	-45,201	6,202	3,118	53,846	0,115	-259,715	24,713	-0,455	4,649	-45,201	0,000
	13986	4	14,300	-20,142	25,180	4,146	-44,043	5,939	2,964	53,846	0,110	-258,066	25,180	-0,405	5,008	-44,043	0,000
	13987	5	14,300	-20,445	25,567	4,760	-42,691	5,665	2,793	53,846	0,105	-256,322	25,567	-0,354	5,305	-42,691	0,000
EmbeddedBeamRow_3_1	13987	1	14,300	-20,445	25,565	4,757	-42,691	5,665	2,793	53,846	0,105	-256,319	25,565	-0,353	5,307	-42,691	0,000
Element 2-32 (Embedded beam row)	13988	2	14,300	-20,752	25,871	5,324	-41,144	5,380	2,608	53,846	0,100	-254,456	25,871	-0,299	5,546	-41,144	0,000
(palo 1500)	13989	3	14,300	-21,059	26,086	5,829	-39,432	5,086	2,410	53,846	0,094	-252,486	26,086	-0,240	5,924	-39,432	0,000
	13990	4	14,300	-21,365	26,210	6,272	-37,575	4,786	2,201	53,846	0,089	-250,411	26,210	-0,176	6,303	-37,575	0,000
	13991	5	14,300	-21,672	26,242	6,651	-35,593	4,482	1,985	53,846	0,083	-248,232	26,242	-0,108	6,651	-35,593	0,000
EmbeddedBeamRow_3_1	13991	1	14,300	-21,672	26,241	6,650	-35,593	4,482	1,985	53,846	0,083	-248,229	26,241	-0,108	6,650	-35,593	0,000
Element 2-33 (Embedded beam row)	13992	2	14,300	-21,982	26,178	6,963	-33,483	4,172	1,758	53,846	0,077	-245,916	26,178	-0,033	6,963	-33,483	0,000
(palo 1500)	13993	3	14,300	-22,291	26,019	7,206	-31,286	3,862	1,528	53,846	0,072	-243,486	26,019	0,000	7,206	-31,286	0,000
	13994	4	14,300	-22,601	25,764	7,376	-29,025	3,553	1,295	53,846	0,066	-240,939	25,764	0,000	7,376	-29,025	0,000
	13995	5	14,300	-22,911	25,413	7,475	-26,723	3,250	1,063	53,846	0,060	-238,276	25,413	0,000	7,475	-26,723	0,000
EmbeddedBeamRow_3_1	13995	1	14,300	-22,911	25,415	7,476	-26,723	3,250	1,063	53,846	0,060	-238,271	25,415	0,000	7,476	-26,723	0,000
Element 2-34 (Embedded beam row)	13996	2	14,300	-23,224	24,965	7,500	-24,377	2,950	0,829	53,846	0,055	-235,456	24,965	0,000	7,500	-24,377	0,000
(palo 1500)	13997	3	14,300	-23,537	24,425	7,456	-22,034	2,661	0,606	53,846	0,049	-232,505	24,425	0,000	7,456	-22,034	0,000
	13998	4	14,300	-23,850	23,796	7,344	-19,715	2,383	0,396	53,846	0,044	-229,417	23,796	0,000	7,344	-19,715	0,000
	13999	5	14,300	-24,163	23,080	7,165	-17,442	2,119	0,198	53,846	0,039	-226,194	23,080	0,000	7,165	-17,442	0,232
EmbeddedBeamRow_3_1	13999	1	14,300	-24,163	23,083	7,167	-17,442	2,119	0,198	53,846	0,039	-226,185	23,083	0,000	7,167	-17,442	0,232
Element 2-35 (Embedded beam row)	14000	2	14,300	-24,480	22,277	6,926	-15,212	1,866	0,005	53,846	0,035	-222,776	22,277	0,000	6,926	-15,212	0,657
(palo 1500)	14001	3	14,300	-24,796	21,397	6,625	-13,066	1,629	-0,185	53,846	0,030	-219,192	21,397	0,000	6,625	-13,066	1,039
	14002	4	14,300	-25,113	20,443	6,264	-11,025	1,406	-0,373	53,846	0,026	-215,434	20,443	0,000	6,264	-11,025	1,372
	14003	5	14,300	-25,429	19,419	5,844	-9,109	1,196	-0,563	53,846	0,022	-211,502	19,419	0,000	5,844	-9,109	1,655
EmbeddedBeamRow_3_1	14003	1	14,300	-25,429	19,422	5,846	-9,109	1,196	-0,563	53,846	0,022	-211,495	19,422	0,000	5,846	-9,109	1,655

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
Element 2-36 (Embedded beam row)	14004	2	14,300	-25,749	18,322	5,356	-7,317	0,996	-0,756	53,846	0,018	-207,325	18,322	0,000	5,356	-7,317	1,882
(palo 1500)	14005	3	14,300	-26,068	17,162	4,811	-5,690	0,809	-0,937	53,846	0,015	-202,947	17,162	0,000	4,811	-5,690	2,041
	14006	4	14,300	-26,388	15,944	4,212	-4,246	0,634	-1,091	53,846	0,012	-198,363	15,944	0,000	4,212	-4,246	2,124
	14007	5	14,300	-26,708	14,670	3,562	-3,002	0,466	-1,196	53,846	0,009	-193,576	14,670	-0,143	3,562	-3,002	2,123
EmbeddedBeamRow_3_1	14007	1	14,300	-26,708	14,668	3,578	-3,002	0,466	-1,196	53,846	0,009	-193,579	14,668	-0,130	3,578	-3,002	2,123
Element 2-37 (Embedded beam row)	14008	2	14,300	-27,031	13,332	2,891	-1,958	0,301	-1,237	53,846	0,006	-188,520	13,332	-0,408	2,891	-1,958	2,035
(palo 1500)	14009	3	14,300	-27,354	11,936	2,220	-1,133	0,123	-1,207	53,846	0,002	-183,264	11,936	-0,650	2,220	-1,133	1,863
	14010	4	14,300	-27,677	10,478	1,571	-0,521	-0,081	-1,100	53,846	0,001	-177,820	10,478	-0,850	1,571	-0,521	1,619
	14011	5	14,300	-28,000	8,957	0,951	-0,114	-0,311	-0,923	53,846	0,006	-172,199	8,957	-1,005	0,951	-0,114	1,318
EmbeddedBeamRow_3_1	14011	1	14,300	-28,000	8,942	1,009	-0,114	-0,311	-0,923	53,846	0,006	-172,305	8,942	-0,967	1,009	-0,114	1,318
Element 2-38 (Embedded beam row)	14012	2	14,300	-28,403	6,957	0,285	0,137	-0,584	-0,559	53,846	0,011	-165,007	6,957	-1,096	0,285	-0,046	0,896
(palo 1500)	14013	3	14,300	-28,805	4,830	-0,142	0,154	-0,887	0,106	53,846	0,016	-157,807	4,830	-0,986	0,049	-0,022	0,468
	14014	4	14,300	-29,207	2,548	-0,250	0,065	-1,359	1,031	53,846	0,025	-150,793	2,548	-0,626	0,029	-0,007	0,135
	14015	5	14,300	-29,610	0,095	-0,014	0,000	-2,168	1,980	53,846	0,040	-144,058	0,095	-0,014	0,020	0,000	0,000
EmbeddedBeamRow_2_1	14016	1	18,200	-5,610	-195,882	-72,030	453,832	0,000	0,000	53,846	0,000	-263,096	0,000	-72,030	2,346	-3,703	453,832
Element 3-39 (Embedded beam row)	14017	2	18,200	-5,885	-197,138	-72,392	434,001	0,158	-0,713	53,846	0,003	-264,340	0,000	-72,392	2,327	-3,060	434,001
(palo 1500)	14018	3	18,200	-6,159	-198,291	-72,896	414,041	0,460	-1,251	53,846	0,009	-265,566	0,000	-72,896	2,279	-2,426	414,041
	14019	4	18,200	-6,434	-199,324	-73,537	393,924	1,030	-1,704	53,846	0,019	-266,771	0,000	-73,537	2,203	-1,810	393,924
	14020	5	18,200	-6,709	-200,221	-74,307	373,622	1,840	-1,847	53,846	0,034	-267,954	0,000	-74,307	2,099	-1,218	373,622
EmbeddedBeamRow_2_1	14020	1	18,200	-6,709	-200,191	-74,215	373,622	1,840	-1,847	53,846	0,034	-267,954	0,000	-74,215	2,108	-1,218	373,622
Element 3-40 (Embedded beam row)	14021	2	18,200	-6,951	-200,751	-74,932	355,551	2,624	-1,484	53,846	0,049	-268,977	0,000	-74,932	2,008	-0,720	355,551
(palo 1500)	14022	3	18,200	-7,194	-201,115	-75,368	337,331	3,437	-0,556	53,846	0,064	-269,984	0,000	-75,368	1,924	-0,244	337,331
	14023	4	18,200	-7,436	-201,281	-75,479	319,045	4,253	1,197	53,846	0,079	-270,976	0,000	-75,479	1,858	0,000	319,045
	14024	5	18,200	-7,678	-201,250	-75,221	300,783	4,980	4,261	53,846	0,092	-271,953	0,000	-75,221	1,811	0,000	300,783
EmbeddedBeamRow_2_1	14024	1	18,200	-7,678	-201,180	-75,038	300,783	19,920	17,045	53,846	0,370	-271,949	0,000	-75,038	1,820	0,000	300,783
Element 3-41 (Embedded beam row)	14025	2	18,200	-7,991	-196,627	-70,494	278,065	19,072	14,424	53,846	0,354	-272,702	0,000	-70,494	1,691	0,000	278,065
(palo 1500)	14026	3	18,200	-8,303	-192,098	-66,572	256,659	18,939	12,318	53,846	0,352	-273,411	0,000	-66,572	1,526	0,000	256,659
	14027	4	18,200	-8,616	-187,583	-63,248	236,386	18,977	10,598	53,846	0,352	-274,073	0,000	-63,248	1,329	0,000	236,386
	14028	5	18,200	-8,928	-183,074	-60,497	217,069	18,964	9,221	53,846	0,352	-274,686	0,000	-60,497	1,102	0,000	217,069
EmbeddedBeamRow_2_1	14028	1	18,200	-8,928	-183,073	-60,419	217,069	18,964	9,221	53,846	0,352	-274,684	0,000	-60,419	1,108	0,000	217,069
Element 3-42 (Embedded beam row)	14029	2	18,200	-9,241	-178,554	-58,032	198,573	19,016	8,103	53,846	0,353	-275,242	0,000	-58,032	0,868	0,000	198,573
(palo 1500)	14030	3	18,200	-9,553	-174,021	-55,899	180,773	19,053	7,226	53,846	0,354	-275,741	0,000	-55,899	0,625	0,000	180,773
	14031	4	18,200	-9,866	-169,479	-54,006	163,603	19,076	6,567	53,846	0,354	-276,182	0,000	-54,006	0,382	0,000	163,603
	14032	5	18,200	-10,178	-164,931	-52,339	146,996	19,088	6,113	53,846	0,354	-276,564	0,000	-52,339	0,140	0,000	146,996
EmbeddedBeamRow_2_1	14032	1	18,200	-10,178	-164,933	-52,289	146,996	19,088	6,113	53,846	0,354	-276,564	0,000	-52,289	0,144	0,000	146,996
Element 3-43 (Embedded beam row)	14033	2	18,200	-10,491	-160,383	-50,726	130,904	19,088	5,850	53,846	0,354	-276,886	0,000	-50,726	0,000	0,000	130,904

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N--- [kN/m]	N--- [kN/m]	Q--- [kN/m]	Q--- [kN/m]	M--- [kN m/m]	M--- [kN m/m]
(palo 1500)	14034	3	18,200	-10,803	-155,836	-49,176	115,291	19,068	5,757	53,846	0,354	-277,148	0,000	-49,176	0,000	0,000	115,291
	14035	4	18,200	-11,116	-151,298	-47,627	100,162	19,033	5,837	53,846	0,353	-277,352	0,000	-47,627	0,000	0,000	100,162
	14036	5	18,200	-11,428	-146,773	-46,070	85,525	18,985	6,093	53,846	0,353	-277,497	0,000	-46,070	0,000	0,000	85,525
EmbeddedBeamRow_2_1	14036	1	18,200	-11,428	-146,771	-46,018	85,525	18,985	6,093	53,846	0,353	-277,498	0,000	-46,018	0,000	0,000	85,525
Element 3-44 (Embedded beam row)	14037	2	18,200	-11,741	-142,270	-44,361	71,401	18,914	6,541	53,846	0,351	-277,585	0,000	-44,361	0,000	0,000	71,401
(palo 1500)	14038	3	18,200	-12,053	-137,783	-42,474	57,823	18,861	7,206	53,846	0,350	-277,619	0,000	-42,474	0,000	0,000	57,823
	14039	4	18,200	-12,366	-133,314	-40,346	44,873	18,800	8,091	53,846	0,349	-277,600	0,000	-40,346	0,000	0,000	44,873
	14040	5	18,200	-12,678	-128,866	-37,962	32,633	18,601	9,201	53,846	0,345	-277,528	0,000	-37,962	0,000	0,000	32,633
EmbeddedBeamRow_2_1	14040	1	18,200	-12,678	-128,857	-37,903	32,633	27,901	13,802	53,846	0,518	-277,526	0,000	-37,903	0,000	0,000	32,633
Element 3-45 (Embedded beam row)	14041	2	18,200	-12,978	-122,017	-34,300	21,831	27,064	12,296	53,846	0,503	-276,704	0,000	-34,300	0,000	0,000	21,831
(palo 1500)	14042	3	18,200	-13,277	-115,360	-31,061	12,049	26,432	10,997	53,846	0,491	-275,834	0,000	-31,061	0,000	0,000	12,049
	14043	4	18,200	-13,577	-108,887	-28,168	3,185	25,832	9,980	53,846	0,480	-274,916	0,000	-28,168	0,000	-4,619	10,423
	14044	5	18,200	-13,876	-102,602	-25,605	-4,859	25,253	9,102	53,846	0,469	-273,950	0,000	-25,605	0,000	-10,404	9,313
EmbeddedBeamRow_2_1	14044	1	18,200	-13,876	-102,596	-25,569	-4,859	25,253	9,102	53,846	0,469	-273,948	0,000	-25,569	0,000	-10,404	9,313
Element 3-46 (Embedded beam row)	14045	2	18,200	-14,179	-96,407	-23,209	-12,242	24,680	8,349	53,846	0,458	-272,918	0,000	-23,209	0,000	-16,400	8,249
(palo 1500)	14046	3	18,200	-14,482	-90,388	-21,034	-18,941	24,103	7,705	53,846	0,448	-271,832	0,000	-21,034	0,000	-22,065	7,235
	14047	4	18,200	-14,785	-84,543	-19,040	-25,009	23,533	7,159	53,846	0,437	-270,690	0,000	-19,040	0,000	-27,157	6,263
	14048	5	18,200	-15,088	-78,875	-17,221	-30,496	22,968	6,693	53,846	0,427	-269,494	0,000	-17,221	0,000	-31,715	5,330
EmbeddedBeamRow_2_1	14048	1	18,200	-15,088	-78,872	-17,202	-30,496	22,968	6,693	53,846	0,427	-269,492	0,000	-17,202	0,000	-31,715	5,330
Element 3-47 (Embedded beam row)	14049	2	18,200	-15,395	-73,311	-15,488	-35,501	22,399	6,293	53,846	0,416	-268,224	0,000	-15,488	0,000	-35,812	4,418
(palo 1500)	14050	3	18,200	-15,701	-67,922	-13,874	-39,999	21,829	5,951	53,846	0,405	-266,895	0,000	-13,874	0,000	-39,999	3,534
	14051	4	18,200	-16,008	-62,707	-12,356	-44,017	21,260	5,663	53,846	0,395	-265,507	0,000	-12,356	0,000	-44,017	2,677
	14052	5	18,200	-16,314	-57,670	-10,933	-47,582	20,692	5,416	53,846	0,384	-264,059	0,000	-10,933	0,000	-47,582	1,843
EmbeddedBeamRow_2_1	14052	1	18,200	-16,314	-57,668	-10,923	-47,582	20,692	5,416	53,846	0,384	-264,058	0,000	-10,923	0,000	-47,582	1,843
Element 3-48 (Embedded beam row)	14053	2	18,200	-16,624	-52,749	-9,550	-50,753	20,115	5,203	53,846	0,374	-262,531	0,000	-9,550	0,000	-50,753	1,022
(palo 1500)	14054	3	18,200	-16,934	-48,007	-8,232	-53,509	19,536	5,020	53,846	0,363	-260,940	0,000	-8,232	0,000	-53,509	0,222
	14055	4	18,200	-17,244	-43,445	-6,966	-55,863	18,957	4,862	53,846	0,352	-259,285	0,000	-6,966	0,079	-55,863	0,000
	14056	5	18,200	-17,554	-39,065	-5,752	-57,833	18,376	4,728	53,846	0,341	-257,566	0,000	-5,752	0,592	-57,833	0,000
EmbeddedBeamRow_2_1	14056	1	18,200	-17,554	-39,063	-5,747	-57,833	18,376	4,728	53,846	0,341	-257,565	0,000	-5,747	0,596	-57,833	0,000
Element 3-49 (Embedded beam row)	14057	2	18,200	-17,868	-34,816	-4,556	-59,447	17,788	4,610	53,846	0,330	-255,761	0,000	-4,556	1,044	-59,447	0,000
(palo 1500)	14058	3	18,200	-18,181	-30,751	-3,396	-60,693	17,200	4,507	53,846	0,319	-253,886	0,000	-3,396	1,429	-60,693	0,000
	14059	4	18,200	-18,495	-26,871	-2,267	-61,580	16,610	4,416	53,846	0,308	-251,943	0,000	-2,267	1,754	-61,580	0,000
	14060	5	18,200	-18,808	-23,178	-1,168	-62,118	16,017	4,328	53,846	0,297	-249,933	0,000	-2,080	2,394	-62,118	0,000
EmbeddedBeamRow_2_1	14060	1	18,200	-18,808	-23,177	-1,167	-62,118	16,017	4,328	53,846	0,297	-249,931	0,000	-2,079	2,392	-62,118	0,000
Element 3-50 (Embedded beam row)	14061	2	18,200	-19,125	-19,631	-0,080	-62,315	15,414	4,244	53,846	0,286	-247,826	0,000	-1,980	3,121	-62,315	0,000
(palo 1500)	14062	3	18,200	-19,442	-16,274	0,979	-62,172	14,809	4,155	53,846	0,275	-245,644	0,000	-1,872	3,773	-62,172	0,000

Structural element	Node [10^]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T-- [kN/m/m]	T--- --- [kN/m/m]	T--- --	N-- - [kN/m]	N--- [kN/m]	Q-- - [kN/m]	Q--- [kN/m]	M - - [kN m/m]	M --- [kN m/m]
	14063	4	18,200	-19,760	-13,110	2,008	-61,697	14,202	4,058	53,846	0,264	-243,388	0,000	-1,755	4,392	-61,697	0,000
	14064	5	18,200	-20,077	-10,141	3,006	-60,901	13,594	3,948	53,846	0,252	-241,059	0,000	-1,630	5,127	-60,901	0,000
EmbeddedBeamRow_2_1	14064	1	18,200	-20,077	-10,139	3,002	-60,901	13,594	3,948	53,846	0,252	-241,056	0,000	-1,630	5,126	-60,901	0,000
Element 3-51 (Embedded beam row)	14065	2	18,200	-20,398	-7,332	3,976	-59,781	12,980	3,816	53,846	0,241	-238,621	0,000	-1,494	5,777	-59,781	0,000
(palo 1500)	14066	3	18,200	-20,718	-4,720	4,898	-58,356	12,368	3,661	53,846	0,230	-236,102	0,000	-1,349	6,338	-58,356	0,000
	14067	4	18,200	-21,039	-2,303	5,766	-56,644	11,757	3,476	53,846	0,218	-233,499	0,000	-1,194	6,809	-56,644	0,000
	14068	5	18,200	-21,360	-0,085	6,577	-54,663	11,150	3,259	53,846	0,207	-230,813	0,000	-1,030	7,188	-54,663	0,000
EmbeddedBeamRow_2_1	14068	1	18,200	-21,360	-0,082	6,569	-54,663	11,150	3,259	53,846	0,207	-230,810	0,000	-1,029	7,191	-54,663	0,000
Element 3-52 (Embedded beam row)	14069	2	18,200	-21,684	1,964	7,313	-52,409	10,541	3,012	53,846	0,196	-228,004	1,964	-0,851	7,487	-52,409	0,000
(palo 1500)	14070	3	18,200	-22,009	3,817	7,966	-49,927	9,941	2,739	53,846	0,185	-225,099	3,817	-0,657	8,039	-49,927	0,000
	14071	4	18,200	-22,333	5,477	8,526	-47,248	9,351	2,439	53,846	0,174	-222,097	5,477	-0,447	8,526	-47,248	0,000
	14072	5	18,200	-22,658	6,944	8,991	-44,404	8,777	2,120	53,846	0,163	-219,000	6,944	-0,222	8,991	-44,404	0,000
EmbeddedBeamRow_2_1	14072	1	18,200	-22,658	6,949	8,988	-44,404	8,777	2,120	53,846	0,163	-218,995	6,949	-0,224	8,988	-44,404	0,000
Element 3-53 (Embedded beam row)	14073	2	18,200	-22,986	8,246	9,347	-41,393	8,212	1,789	53,846	0,153	-215,756	8,246	0,000	9,347	-41,393	0,000
(palo 1500)	14074	3	18,200	-23,314	9,365	9,596	-38,281	7,665	1,451	53,846	0,142	-212,401	9,365	0,000	9,596	-38,281	0,000
	14075	4	18,200	-23,642	10,308	9,735	-35,105	7,138	1,117	53,846	0,133	-208,931	10,308	0,000	9,735	-35,105	0,000
	14076	5	18,200	-23,971	11,075	9,764	-31,903	6,631	0,791	53,846	0,123	-205,347	11,075	0,000	9,764	-31,903	0,000
EmbeddedBeamRow_2_1	14076	1	18,200	-23,971	11,080	9,767	-31,903	6,631	0,791	53,846	0,123	-205,341	11,080	0,000	9,767	-31,903	0,000
Element 3-54 (Embedded beam row)	14077	2	18,200	-24,302	11,691	9,688	-28,672	6,135	0,475	53,846	0,114	-201,590	11,691	0,000	9,688	-28,672	0,000
(palo 1500)	14078	3	18,200	-24,634	12,145	9,510	-25,482	5,657	0,168	53,846	0,105	-197,702	12,145	0,000	9,510	-25,482	0,000
	14079	4	18,200	-24,966	12,442	9,232	-22,367	5,193	-0,122	53,846	0,096	-193,679	12,442	0,000	9,232	-22,367	0,000
	14080	5	18,200	-25,298	12,584	8,857	-19,363	4,740	-0,396	53,846	0,088	-189,522	12,584	0,000	8,857	-19,363	0,000
EmbeddedBeamRow_2_1	14080	1	18,200	-25,298	12,586	8,861	-19,363	4,740	-0,396	53,846	0,088	-189,520	12,586	0,000	8,861	-19,363	0,000
Element 3-55 (Embedded beam row)	14081	2	18,200	-25,634	12,579	8,392	-16,465	4,289	-0,655	53,846	0,080	-185,169	12,579	0,000	8,392	-16,465	0,000
(palo 1500)	14082	3	18,200	-25,970	12,423	7,843	-13,736	3,842	-0,899	53,846	0,071	-180,674	12,423	0,000	7,843	-13,736	0,000
	14083	4	18,200	-26,306	12,116	7,216	-11,205	3,393	-1,117	53,846	0,063	-176,040	12,116	0,000	7,216	-11,205	0,000
	14084	5	18,200	-26,641	11,659	6,514	-8,899	2,930	-1,316	53,846	0,054	-171,271	11,659	0,000	6,514	-8,899	0,000
EmbeddedBeamRow_2_1	14084	1	18,200	-26,641	11,656	6,522	-8,899	2,930	-1,316	53,846	0,054	-171,281	11,656	0,000	6,522	-8,899	0,000
Element 3-56 (Embedded beam row)	14085	2	18,200	-26,981	11,031	5,747	-6,814	2,438	-1,478	53,846	0,045	-166,318	11,031	0,000	5,747	-6,814	0,000
(palo 1500)	14086	3	18,200	-27,321	10,234	4,932	-5,000	1,939	-1,610	53,846	0,036	-161,261	10,234	0,000	4,932	-5,000	0,000
	14087	4	18,200	-27,660	9,265	4,081	-3,468	1,418	-1,688	53,846	0,026	-156,122	9,265	0,000	4,081	-3,468	0,000
	14088	5	18,200	-28,000	8,121	3,199	-2,231	0,872	-1,694	53,846	0,016	-150,909	8,121	0,000	3,199	-2,231	0,000
EmbeddedBeamRow_2_1	14088	1	18,200	-28,000	8,110	3,242	-2,231	0,872	-1,694	53,846	0,016	-150,985	8,110	0,000	3,242	-2,231	0,000
Element 3-57 (Embedded beam row)	14089	2	18,200	-28,403	6,518	2,183	-1,144	0,224	-1,576	53,846	0,004	-144,729	6,518	0,000	2,183	-1,144	0,092
(palo 1500)	14090	3	18,200	-28,805	4,647	1,274	-0,454	-0,439	-1,252	53,846	0,008	-138,671	4,647	-0,075	1,274	-0,454	0,099
	14091	4	18,200	-29,207	2,489	0,533	-0,096	-1,200	-0,744	53,846	0,022	-132,862	2,489	-0,149	0,533	-0,096	0,050

Structural element	Node [10 ˚]	Local number	X [m]	Y [m]	N [kN/m]	Q [kN/m]	M [kN m/m]	T--- [kN/m/m]	T··· [kN/m/m]	T---·--- [kN/m/m]	T---·-··	N ··· [kN/m]	N --- [kN/m]	Q ··· [kN/m]	Q --- [kN/m]	M ··· [kN m/m]	M --- [kN m/m]
	14092	5	18,200	-29,610	0,037	-0,024	0,000	-2,170	-0,106	53,846	0,040	-127,358	0,037	-0,153	0,000	0,000	0,000